

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119451.D
 Acq On : 19 Mar 2020 21:24
 Operator : CG/JU
 Sample : L1954-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

Manual Integrations
 APPROVED

mohammad
 3/20/2020 11:47:27 AM

Quant Time: Mar 20 04:37:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	333136	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1301537	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	656529	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1180297	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	601642	20.00	ng	0.00
87) Perylene-d12	15.49	264	695294	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1833772	87.63	ng	0.00
7) Phenol-d6	6.47	99	2377582	88.94	ng	0.00
23) Nitrobenzene-d5	7.41	82	1447922	60.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	611261	90.25	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2629826	59.34	ng	0.00
79) Terphenyl-d14	12.97	244	2442725	79.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	323626	31.312	ng	99
3) Pyridine	3.40	79	794499	27.903	ng	96
4) n-Nitrosodimethylamine	3.36	42	479059	34.500	ng	98
6) Aniline	6.51	93	447651	12.133	ng	96
8) 2-Chlorophenol	6.63	128	873186	39.728	ng	98
9) Benzaldehyde	6.40	77	568095	33.499	ng	95
10) Phenol	6.49	94	1107007	38.809	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	835796	36.636	ng	97
12) 1,3-Dichlorobenzene	6.79	146	878782	36.942	ng	98
13) 1,4-Dichlorobenzene	6.87	146	883820	37.145	ng	98
14) 1,2-Dichlorobenzene	7.02	146	833682	37.485	ng	100
15) Benzyl Alcohol	6.99	79	748701	37.232	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1592698	34.612	ng	99
17) 2-Methylphenol	7.10	107	698587	34.690	ng	98
18) Hexachloroethane	7.36	117	334489	38.360	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	588439	36.519	ng	99
20) 3+4-Methylphenols	7.25	107	853670	34.590	ng	# 88
22) Acetophenone	7.26	105	1119828	36.008	ng	# 92
24) Nitrobenzene	7.43	77	900695	35.193	ng	95
25) Isophorone	7.67	82	1659490	34.160	ng	97
26) 2-Nitrophenol	7.75	139	432449	42.914	ng	94
27) 2,4-Dimethylphenol	7.79	122	799697	38.379	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1040377	36.216	ng	99
29) 2,4-Dichlorophenol	7.99	162	703589	36.749	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	761168	35.949	ng	98
31) Naphthalene	8.16	128	2415663	36.066	ng	99
32) Benzoic acid	7.90	122	492286	36.728	ng	96
33) 4-Chloroaniline	8.20	127	163672	5.333	ng	97
34) Hexachlorobutadiene	8.28	225	421702	35.597	ng	98
35) Caprolactam	8.57	113	212452m	33.906	ng	
36) 4-Chloro-3-methylphenol	8.68	107	749325	35.809	ng	96
37) 2-Methylnaphthalene	8.85	142	1616518	36.775	ng	99
38) 1-Methylnaphthalene	8.95	142	1518752	36.503	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	691974	35.959	ng	99

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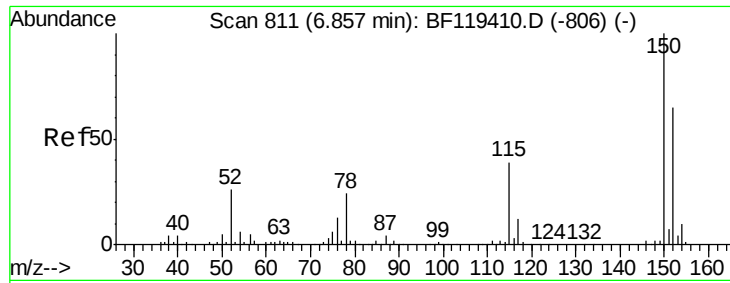
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	729492	66.680	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	509249	36.980	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	521756	33.822	nq	98
46) 1,1'-Biphenyl	9.32	154	1886900	35.288	nq	100
47) 2-Chloronaphthalene	9.34	162	1486090	35.481	nq	99
48) 2-Nitroaniline	9.43	65	521535	36.075	nq	98
49) Acenaphthylene	9.76	152	2357551	35.843	nq	100
50) Dimethylphthalate	9.62	163	1850259	39.677	nq	97
51) 2,6-Dinitrotoluene	9.67	165	369565	36.973	nq	96
52) Acenaphthene	9.93	154	1514058	36.924	nq	99
53) 3-Nitroaniline	9.84	138	143136	11.343	nq	92
54) 2,4-Dinitrophenol	9.95	184	251564	60.149	nq	95
55) Dibenzofuran	10.10	168	2083490	35.440	nq	100
56) 4-Nitrophenol	10.00	139	653304	65.626	nq	91
57) 2,4-Dinitrotoluene	10.08	165	489885	38.905	nq	94
58) Fluorene	10.45	166	1545570	35.551	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	428530	37.163	nq	98
60) Diethylphthalate	10.32	149	1705028	36.024	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	752139	35.379	nq	96
62) 4-Nitroaniline	10.46	138	342172	28.276	nq	97
63) Azobenzene	10.60	77	1663137	34.894	nq	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	189425	38.273	nq	93
66) n-Nitrosodiphenylamine	10.56	169	1432719	36.976	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	483883	35.998	nq	99
68) Hexachlorobenzene	10.99	284	521197	37.884	nq	99
69) Atrazine	11.08	200	414548	39.025	nq	99
70) Pentachlorophenol	11.19	266	547268	67.841	nq	98
71) Phenanthrene	11.41	178	2236208	36.538	nq	100
72) Anthracene	11.46	178	2290562	36.825	nq	99
73) Carbazole	11.61	167	2050003	33.297	nq	99
74) Di-n-butylphthalate	11.95	149	2528804	38.396	nq	100
75) Fluoranthene	12.60	202	2301447	34.747	nq	99
77) Benzidine	12.72	184	744739	29.249	nq	98
78) Pyrene	12.83	202	2239328	45.352	nq	100
80) Butylbenzylphthalate	13.45	149	892356	44.684	nq	96
81) Benzo(a)anthracene	14.02	228	1545872	39.512	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	345472	22.395	nq	99
83) Chrysene	14.05	228	1578362	39.090	nq	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1074122	45.119	nq	98
85) Di-n-octyl phthalate	14.63	149	1777314	42.450	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1857216	48.839	nq	98
88) Benzo(b)fluoranthene	15.07	252	1653169	35.594	nq	98
89) Benzo(k)fluoranthene	15.10	252	1464362	33.111	nq	97
90) Benzo(a)pyrene	15.43	252	1480780	35.082	nq	96
91) Dibenzo(a,h)anthracene	16.99	278	1506641	40.810	nq	98
92) Benzo(g,h,i)perylene	17.41	276	1591956	42.922	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



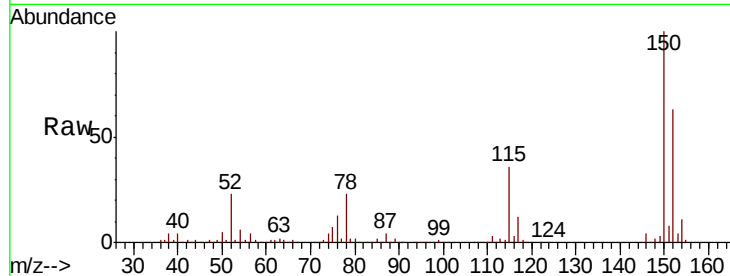
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.9	185.9
115	56.4	47.8	71.6

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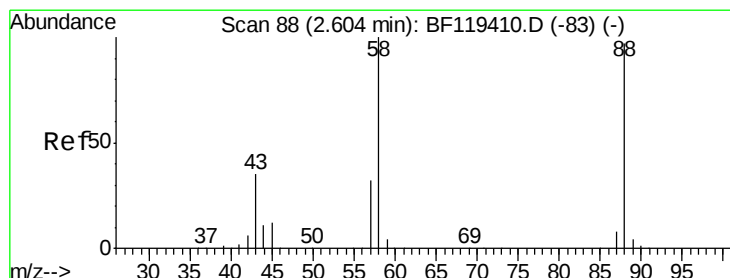
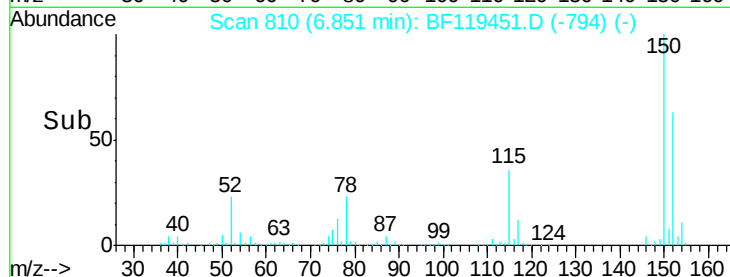
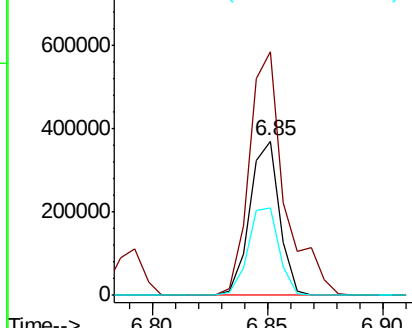


Abundance

Ion 152.00 (151.70 to 152.70): E

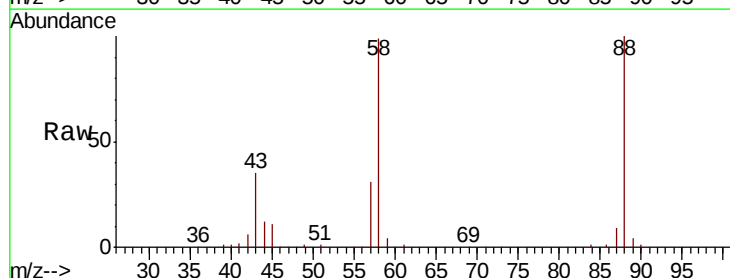
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 31.312 ng
 RT: 2.67 min Scan# 99
 Delta R.T. 0.06 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.3	79.4	119.2
43	35.2	28.4	42.6

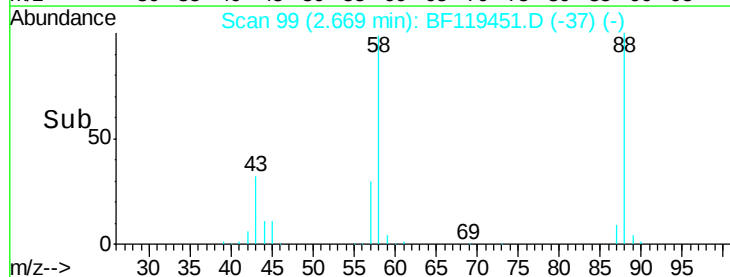
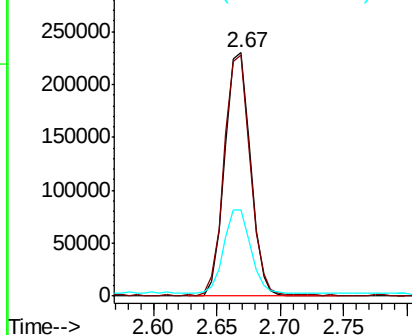


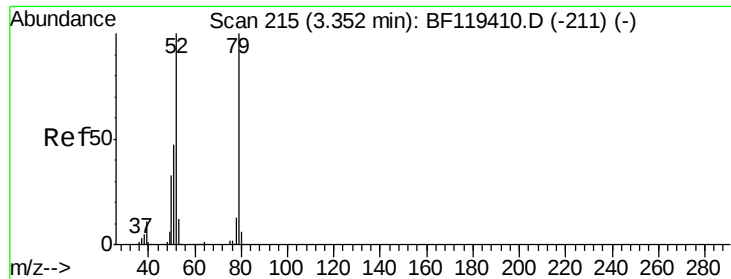
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





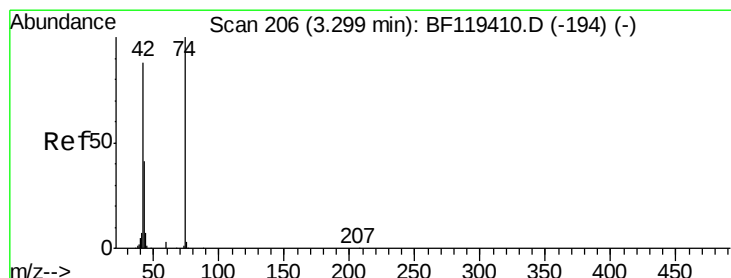
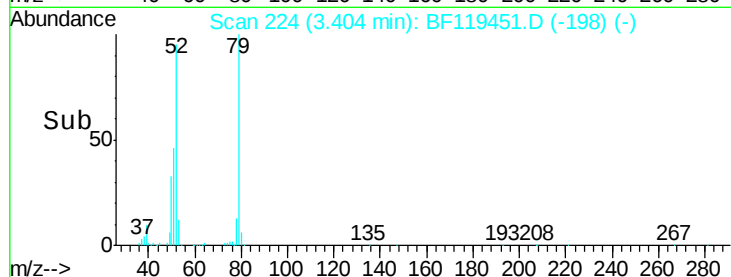
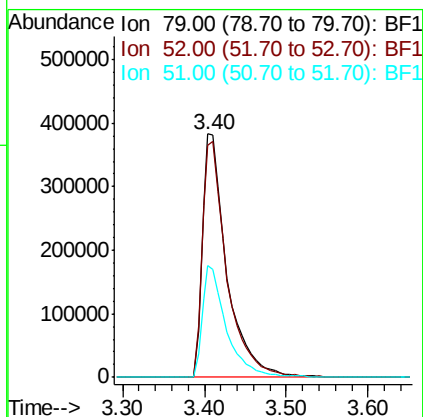
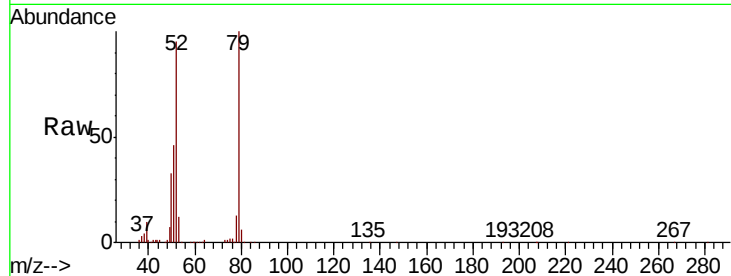
#3
 Pvridine
 Concen: 27.903 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.05 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	95.5	80.0	120.0
51	51	46.1	37.9	56.9

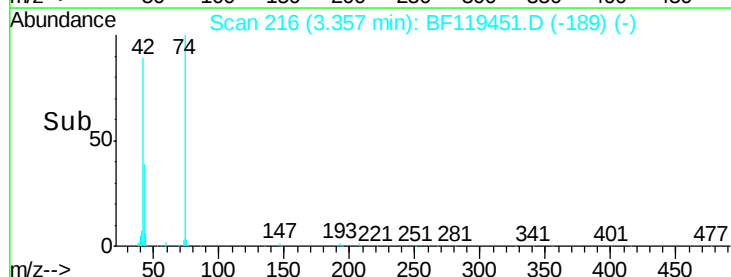
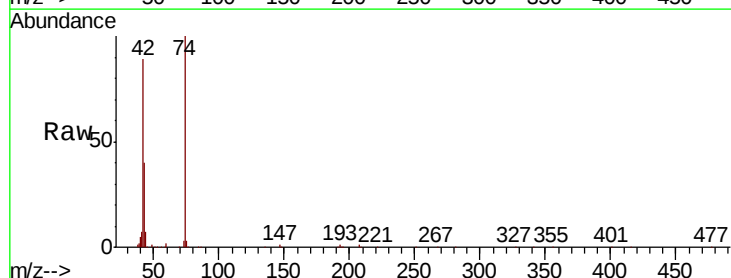
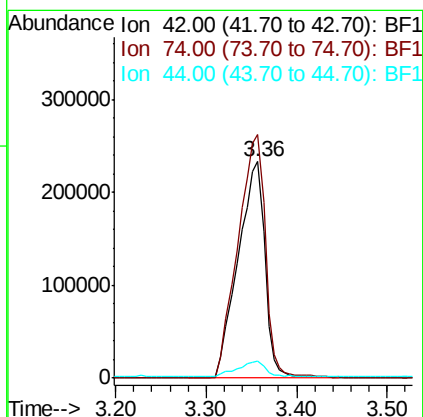
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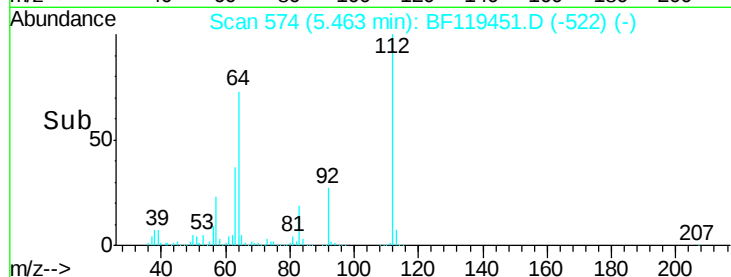
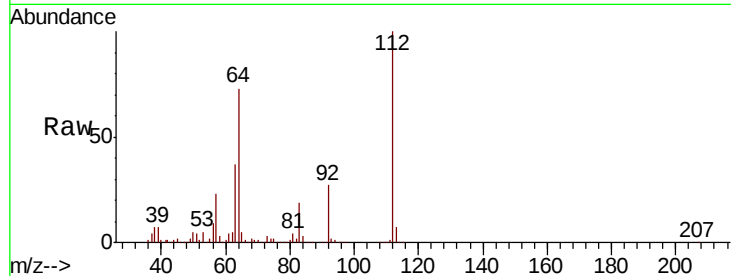
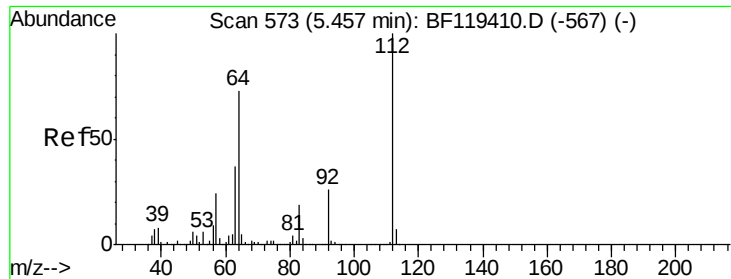
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#4
 n-Nitrosodimethylamine
 Concen: 34.500 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.06 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	112.5	91.3	136.9
44	44	8.0	7.1	10.7





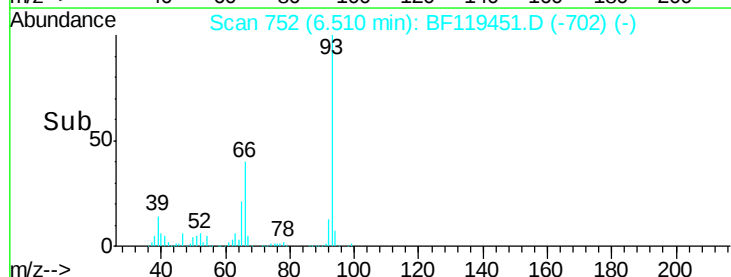
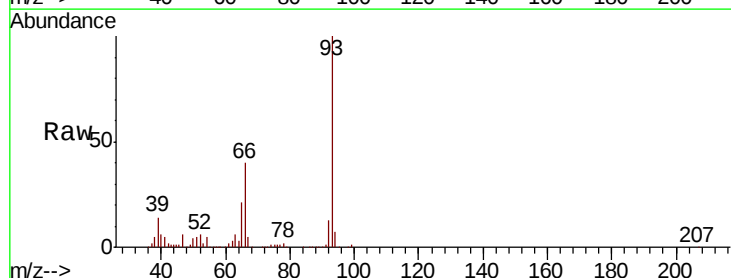
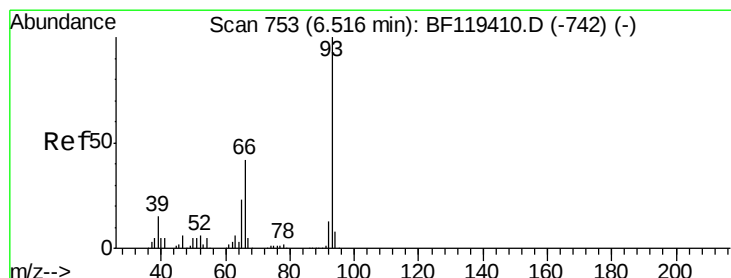
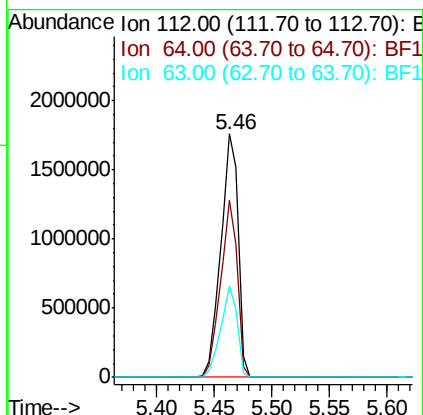
#5
2-Fluorophenol
Concen: 87.628 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tot Ion: 112 Resp: 1833772
Ion Ratio Lower Upper
112 100
64 72.7 58.1 87.1
63 37.4 29.7 44.5

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

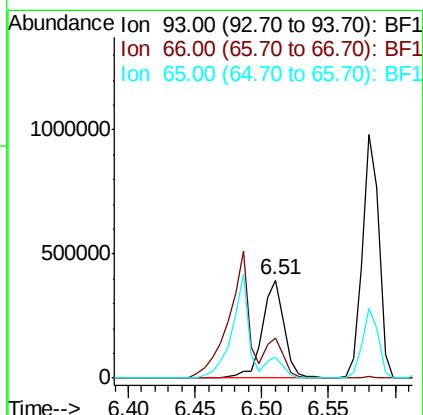
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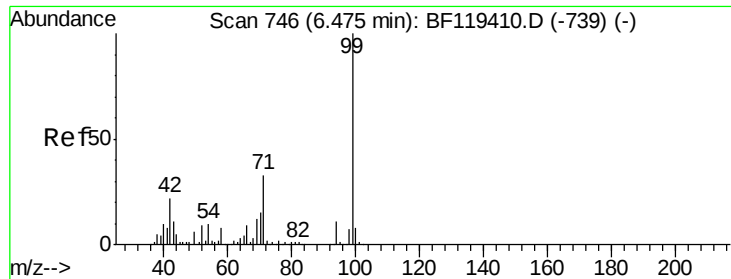
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#6
Aniline
Concen: 12.133 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion: 93 Resp: 447651
Ion Ratio Lower Upper
93 100
66 40.3 34.2 51.4
65 21.4 18.2 27.4





#7

Phenol-d6

Concen: 88.939 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

Tot Ion: 99 Resp: 2377582

Ion Ratio Lower Upper

99 100

42 20.5 17.8 26.6

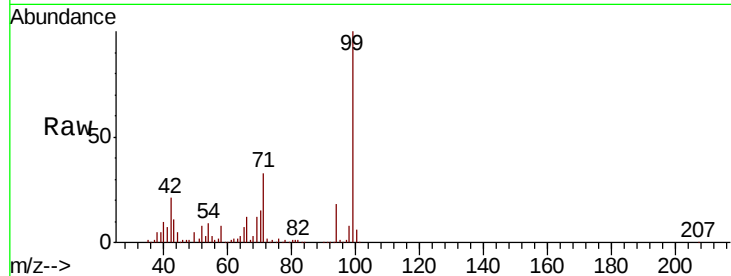
71 32.7 26.0 39.0

Manual Integrations

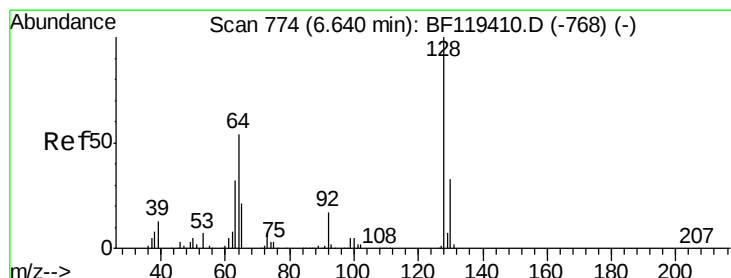
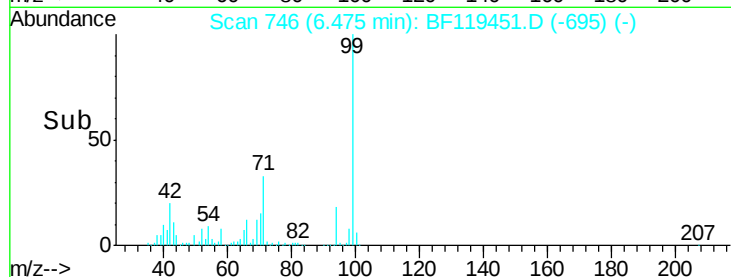
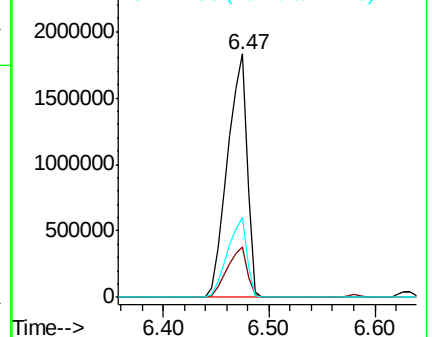
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.728 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

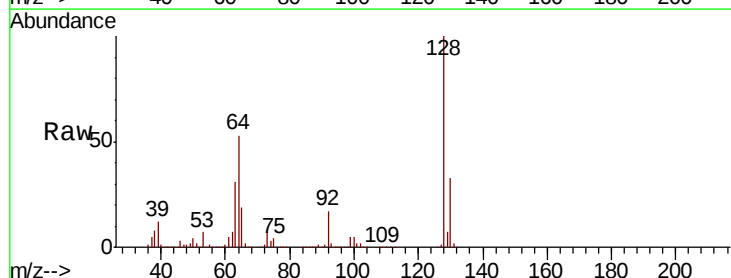
Tgt Ion: 128 Resp: 873186

Ion Ratio Lower Upper

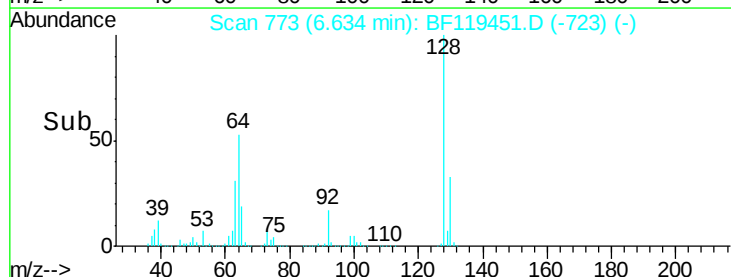
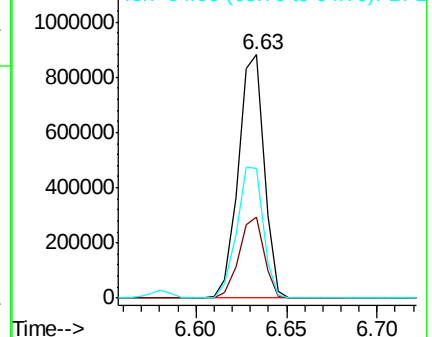
128 100

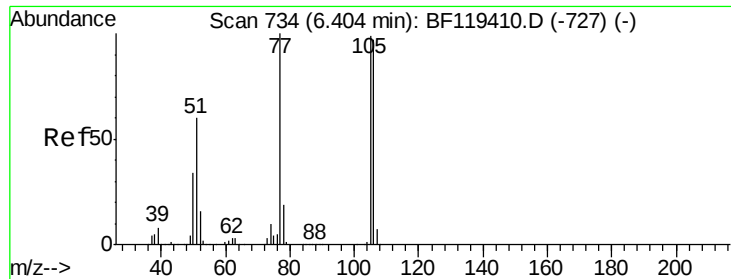
130 33.3 13.0 53.0

64 53.0 35.1 75.1



Abundance Ion 128.00 (127.70 to 128.70): E
1200000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.499 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

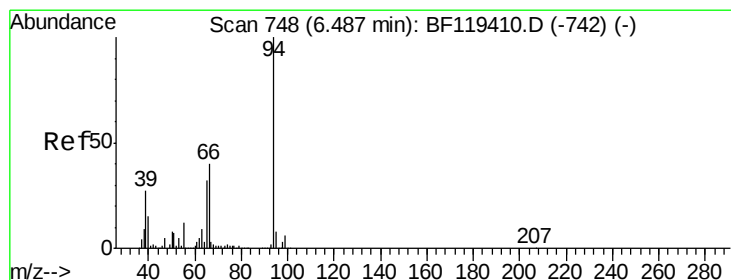
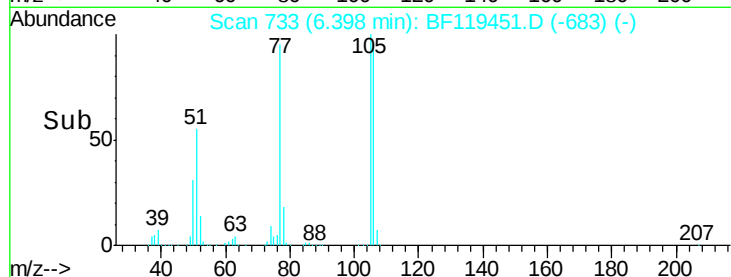
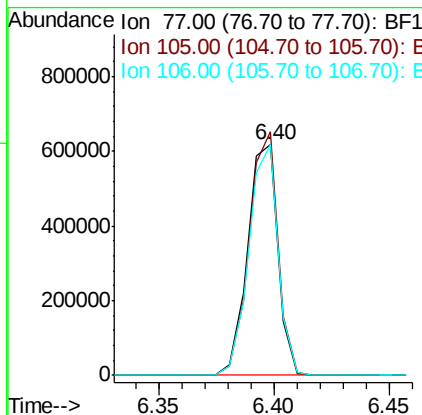
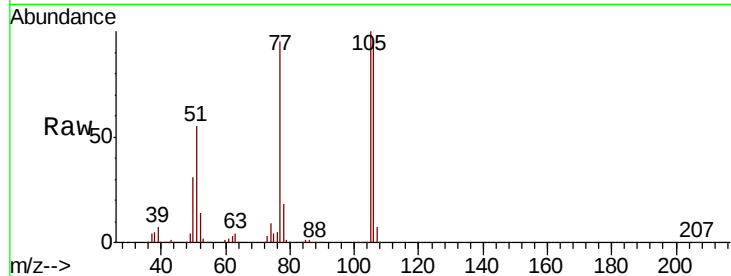
ClientSampleId :

TP-11AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.6	78.6	118.6		
106	100.1	76.5	116.5		

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#10

Phenol

Concen: 38.809 ng

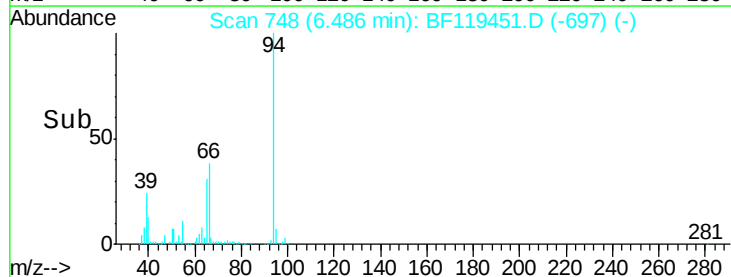
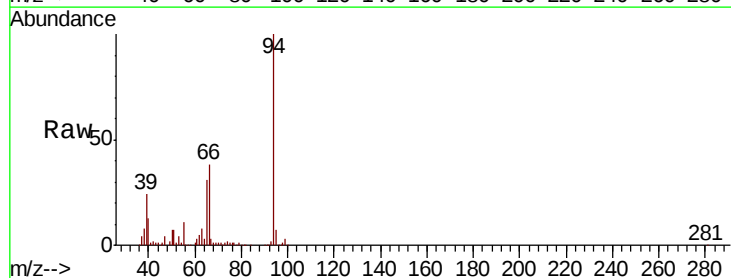
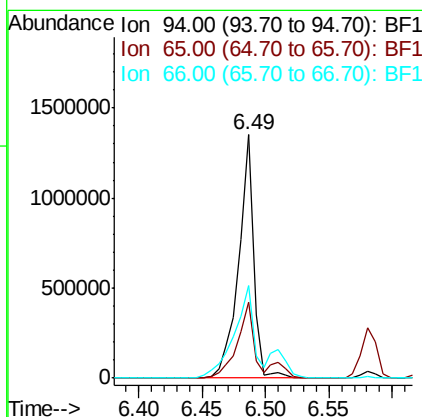
RT: 6.49 min Scan# 748

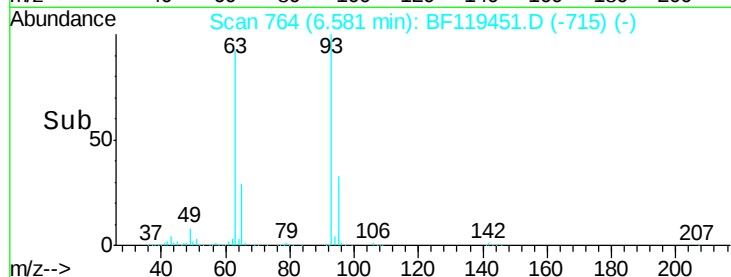
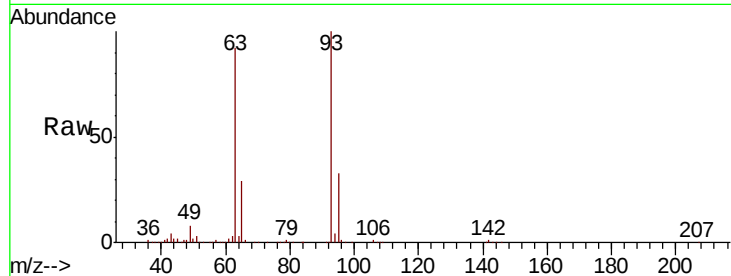
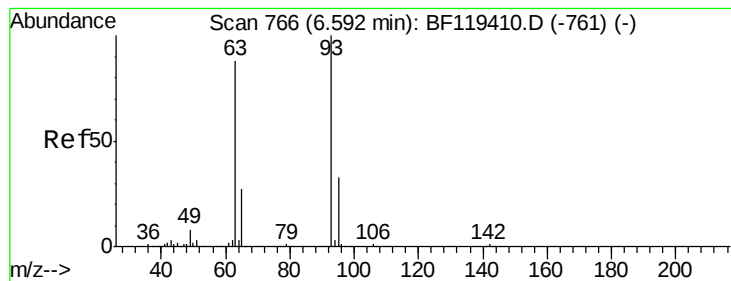
Delta R.T. -0.00 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.1	12.0	52.0		
66	37.9	20.6	60.6		





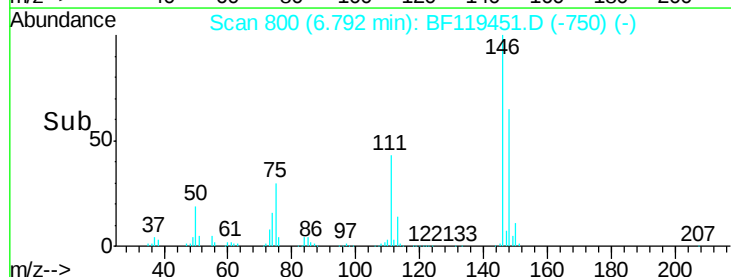
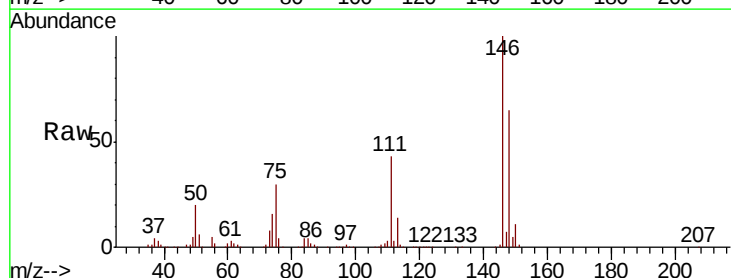
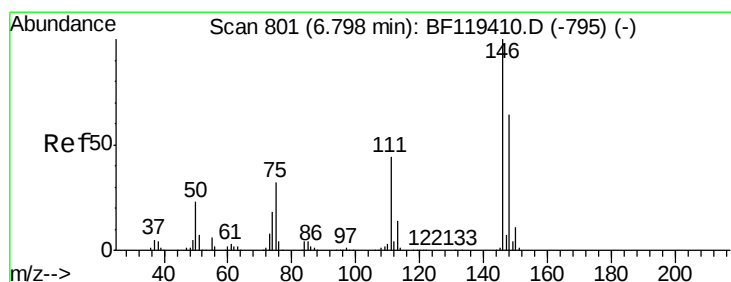
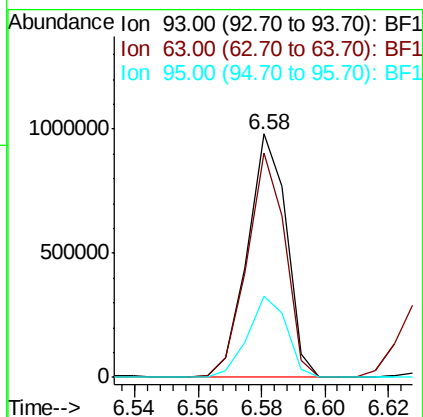
#11
bis(2-Chloroethyl)ether
Concen: 36.636 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tot Ion	Ratio	Resp	Lower	Upper
93	100	835796		
63	92.1		68.4	108.4
95	33.3		13.4	53.4

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

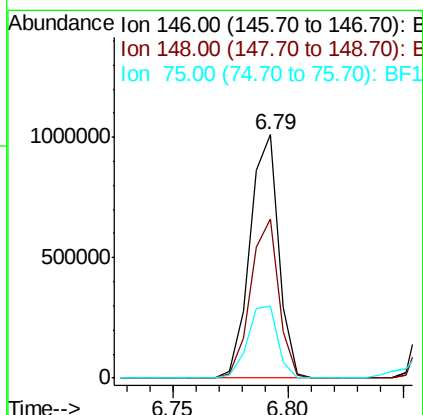
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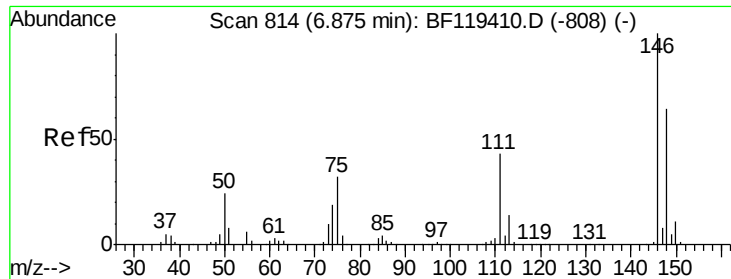
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#12
1,3-Dichlorobenzene
Concen: 36.942 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	878782		
148	65.2		51.4	77.0
75	29.7		25.8	38.8





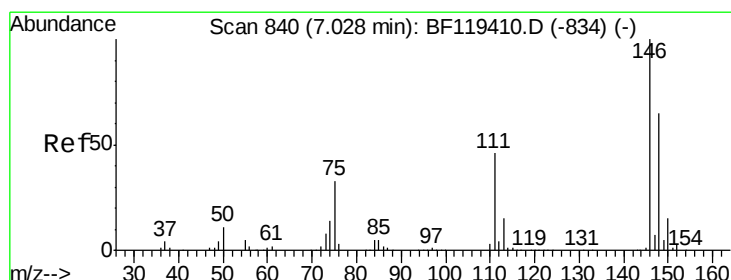
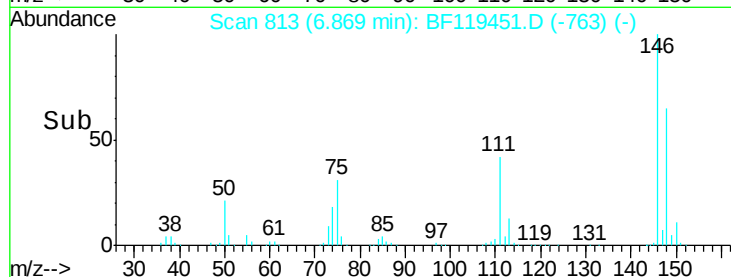
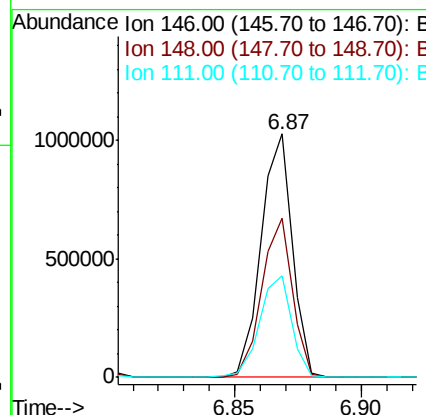
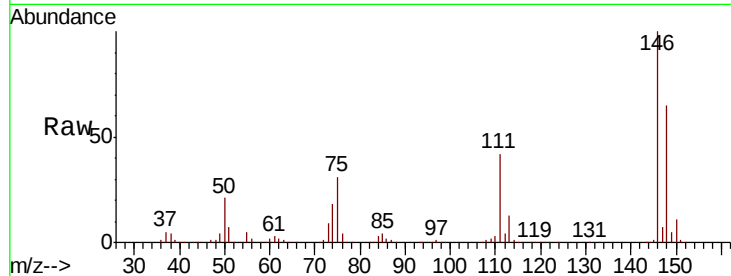
#13
1,4-Dichlorobenzene
Concen: 37.145 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.9	76.3
111	41.5	34.6	52.0

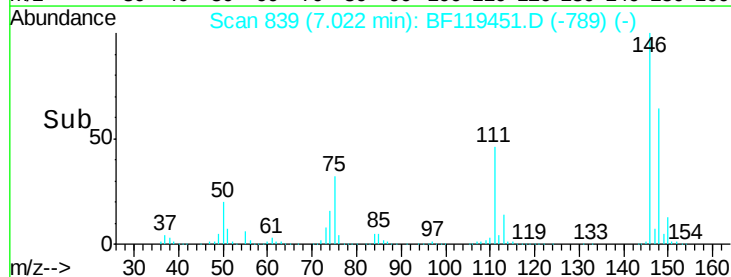
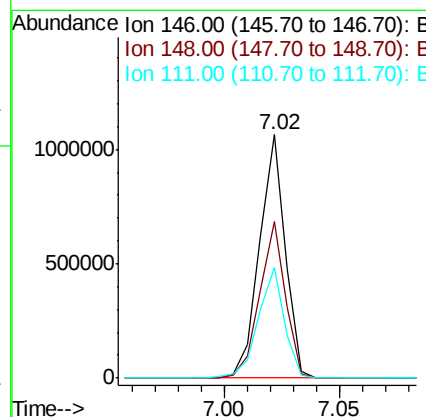
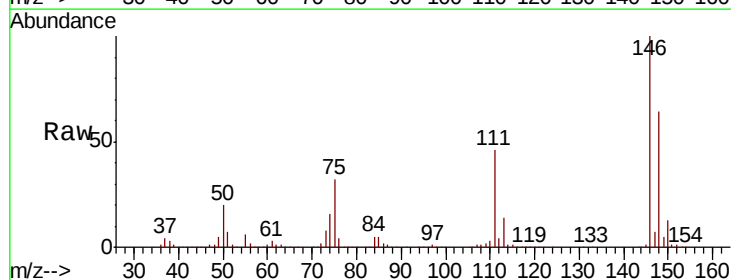
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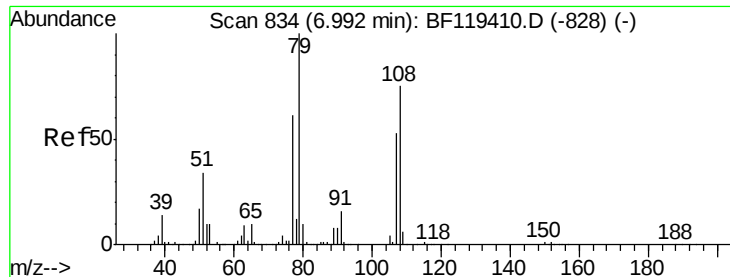
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#14
1,2-Dichlorobenzene
Concen: 37.485 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
111	45.6	36.4	54.6





#15

Benzyl Alcohol

Concen: 37.232 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

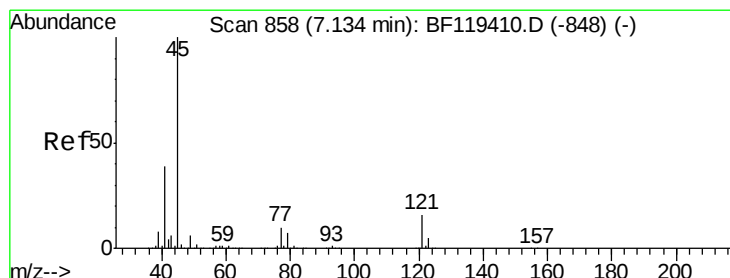
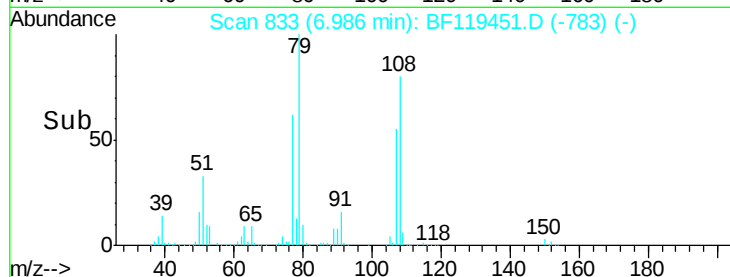
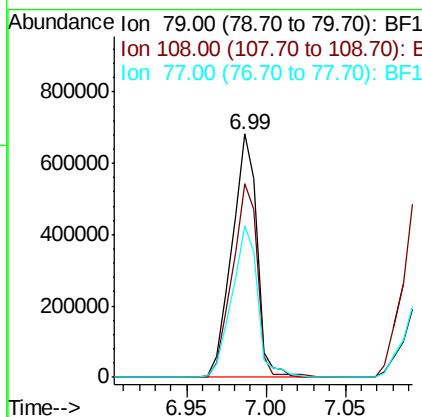
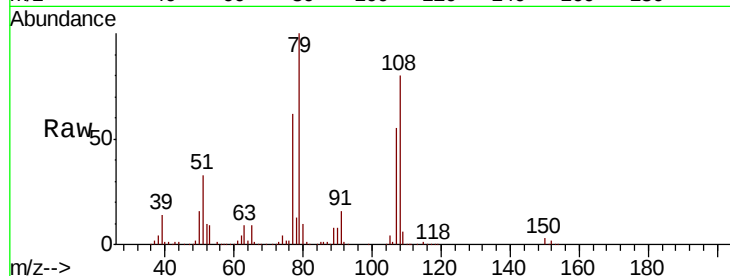
ClientSampleId :

TP-11AMSD

Tot Ion:	79	Resp:	748701
Ion Ratio	Lower	Upper	
79	100		
108	79.5	60.4	90.6
77	62.2	49.0	73.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.612 ng

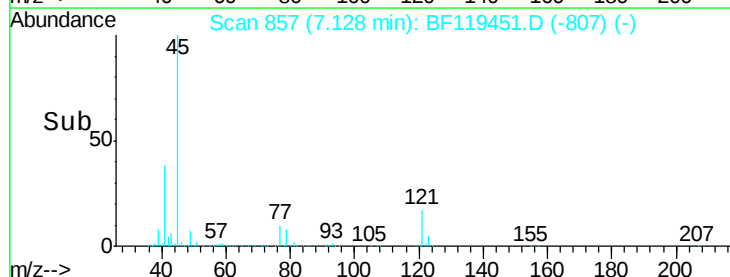
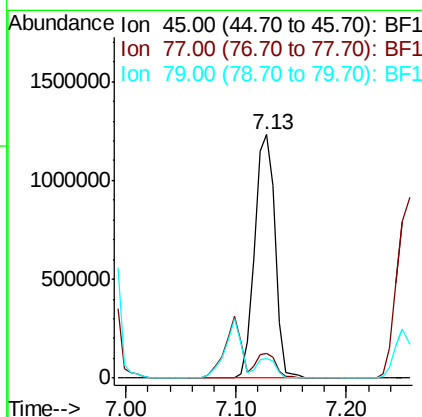
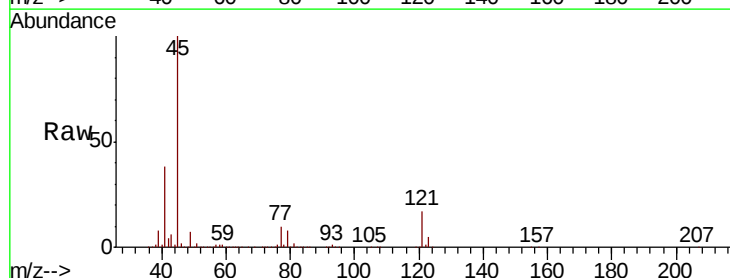
RT: 7.13 min Scan# 857

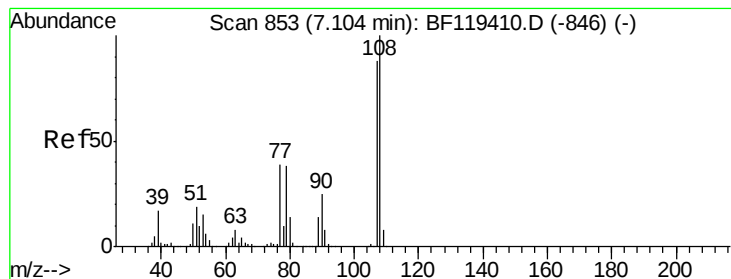
Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Tgt Ion:	45	Resp:	1592698
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	30.1
79	8.2	0.0	27.4





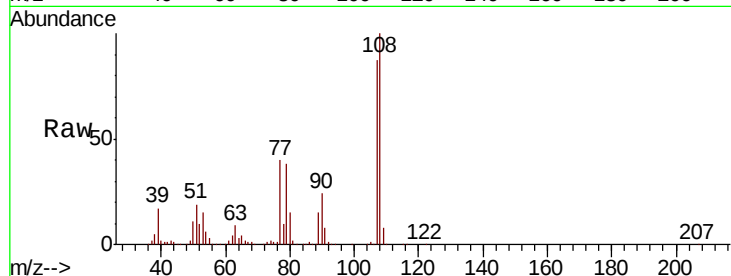
#17
2-Methylphenol
Concen: 34.690 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	698587		
108	115.2	90.7	136.1	
77	45.8	35.6	53.4	
79	44.2	34.7	52.1	

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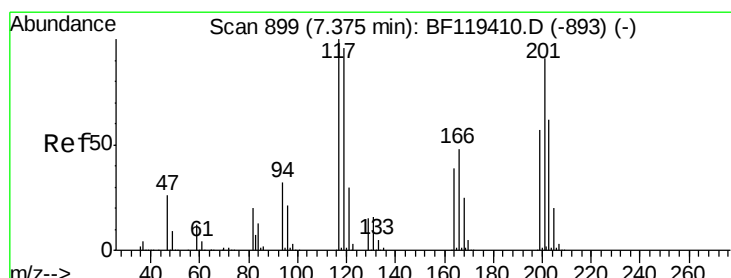
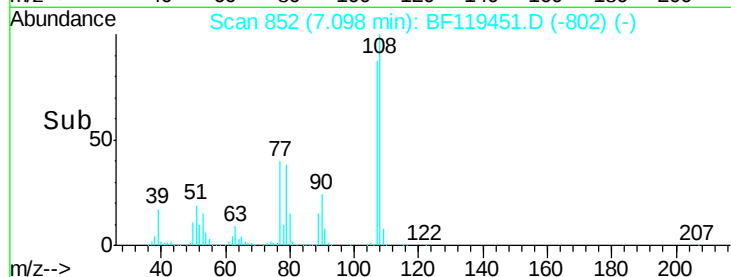
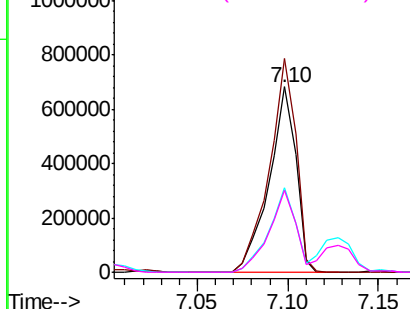
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.360 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

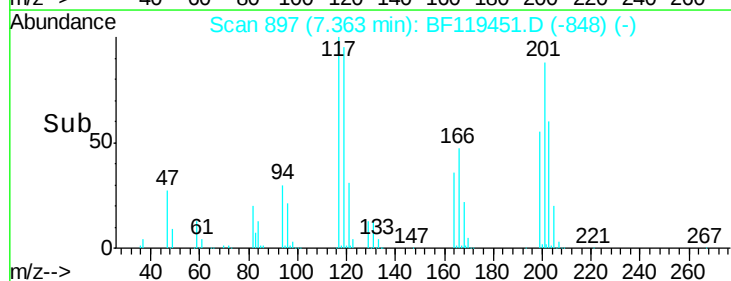
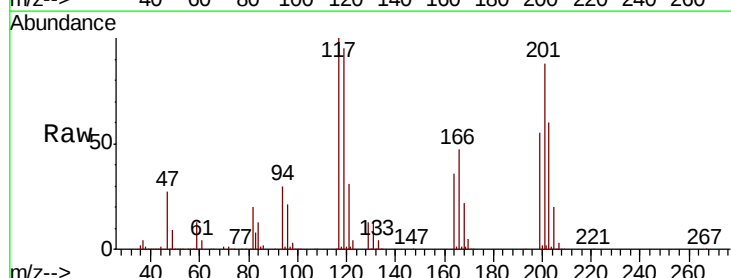
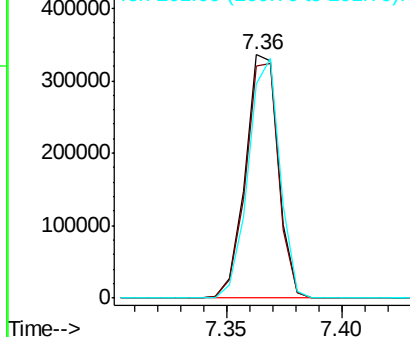
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	334489		
119	95.3	76.8	115.2	
201	88.0	72.5	108.7	

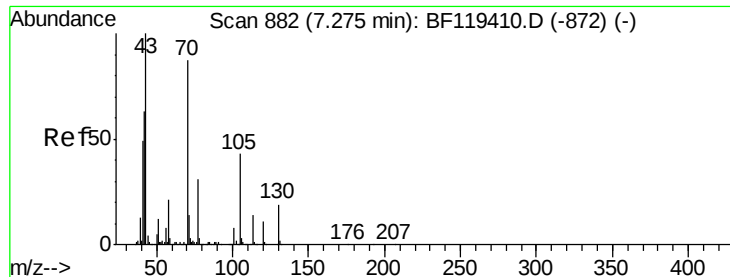
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





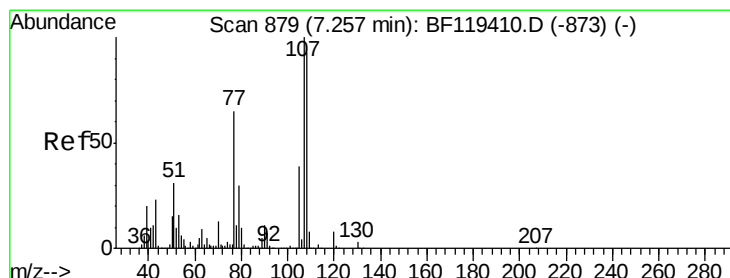
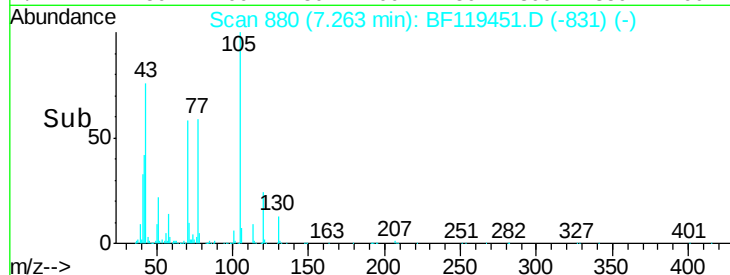
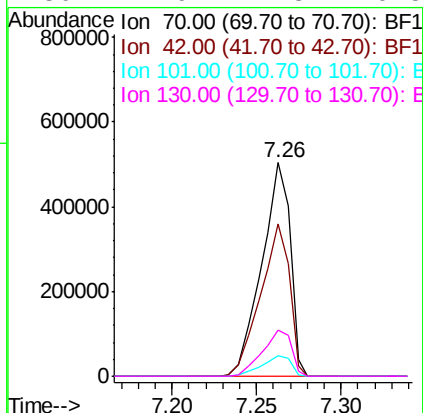
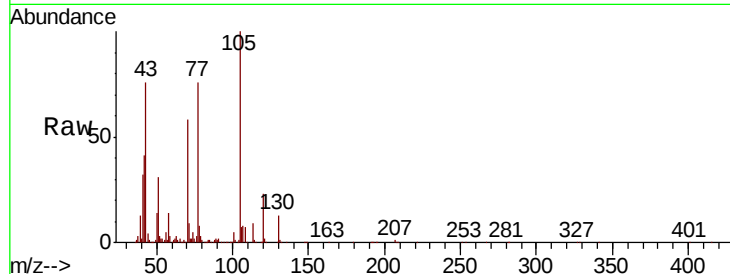
#19
n-Nitroso-di-n-propylamine
Concen: 36.519 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.4	58.2	87.4
101	9.5	7.4	11.2
130	21.9	17.8	26.8

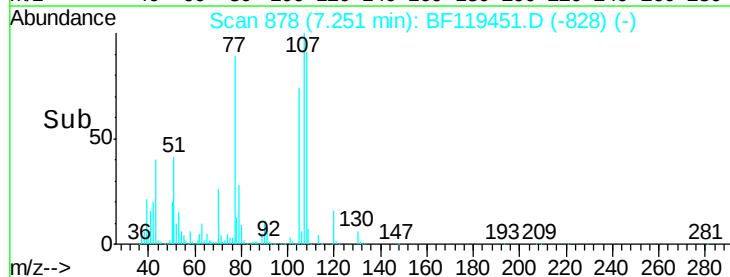
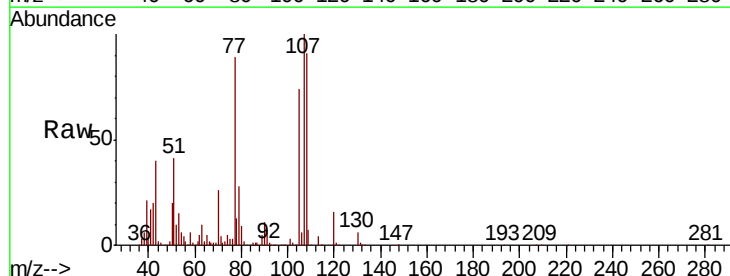
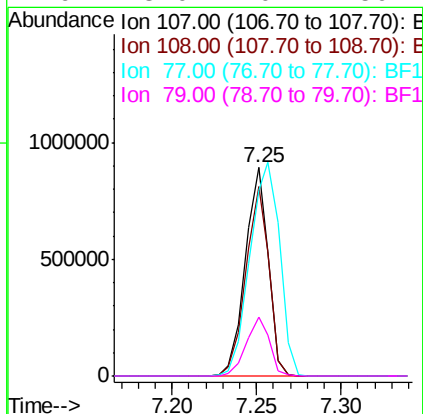
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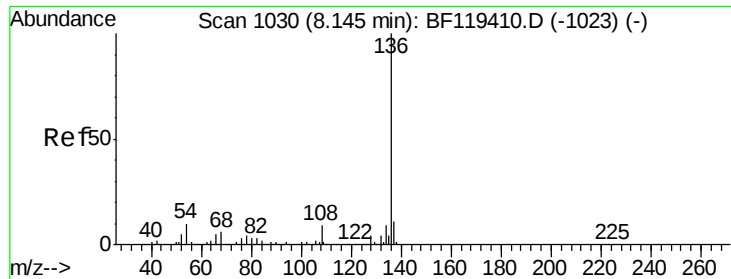
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#20
3+4-Methylphenols
Concen: 34.590 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	72.6	112.6
77	88.8	44.7	84.7
79	28.0	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

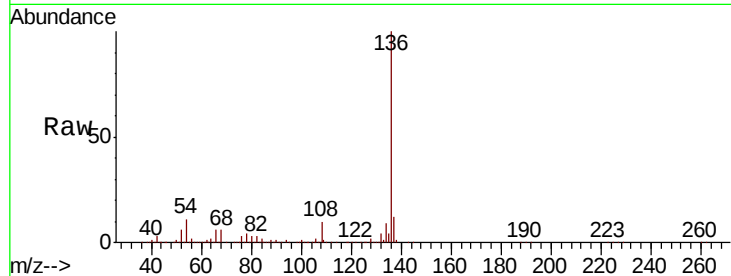
ClientSampleId :

TP-11AMSD

Tot Ion	136	Resp	1301537
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	11.3	8.3	12.5
68	6.2	4.9	7.3

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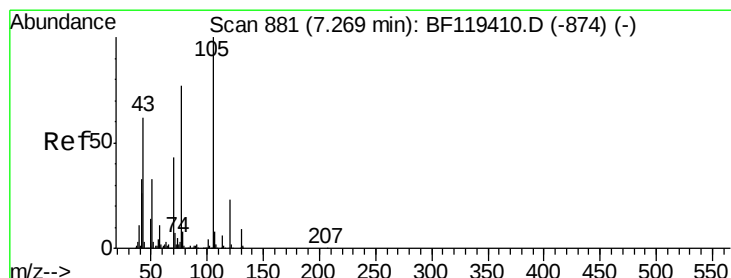
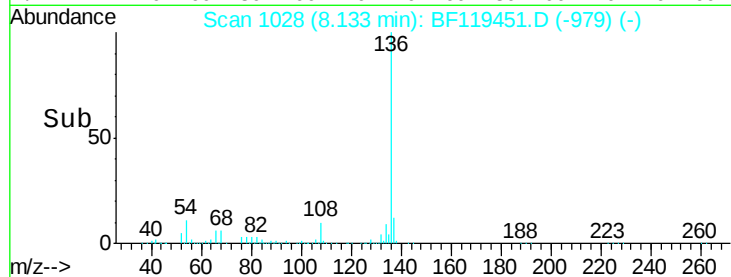
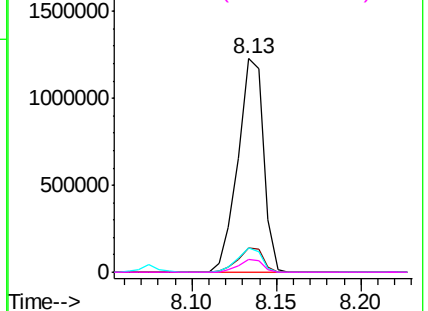
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.008 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Tgt Ion	105	Resp	1119828
Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.8	8.6
51	41.8	26.8	40.2#
120	22.2	18.0	27.0

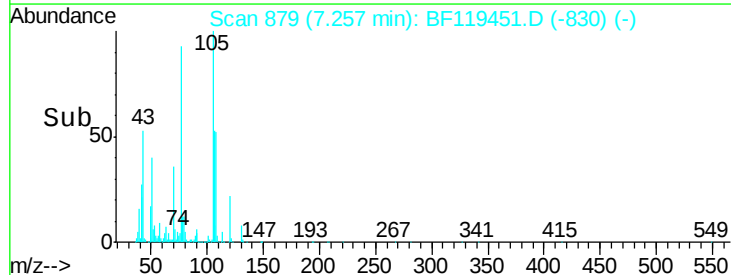
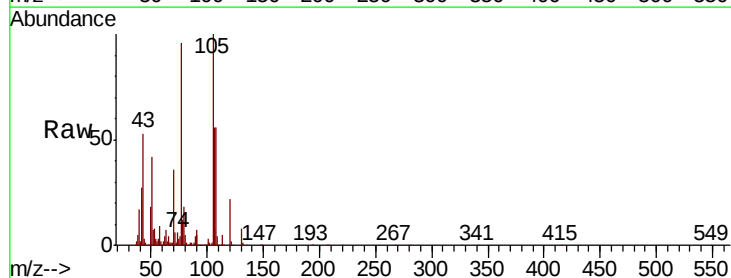
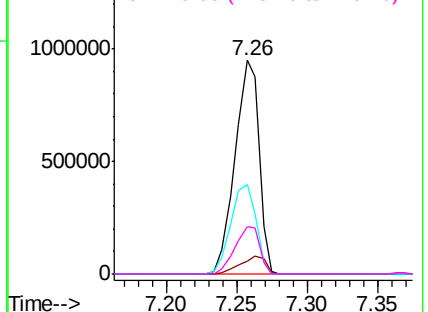
Abundance

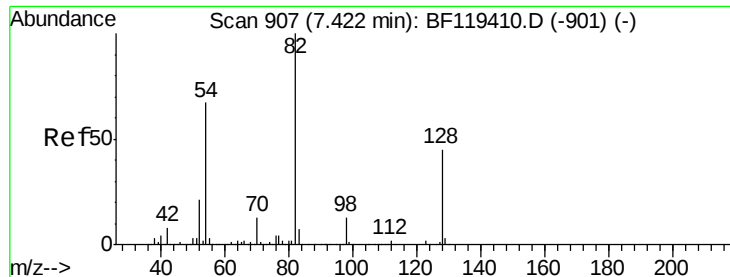
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





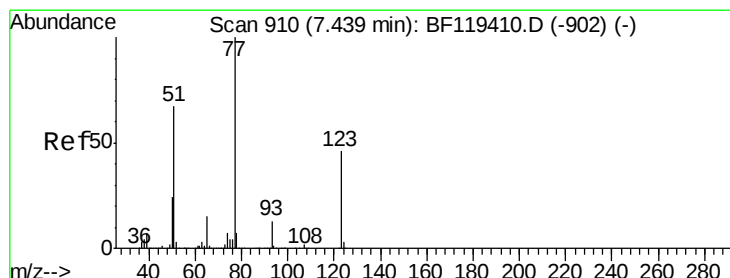
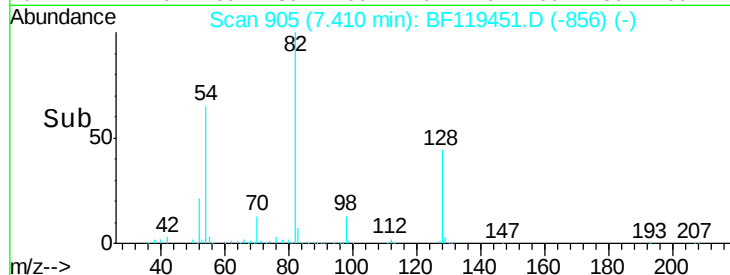
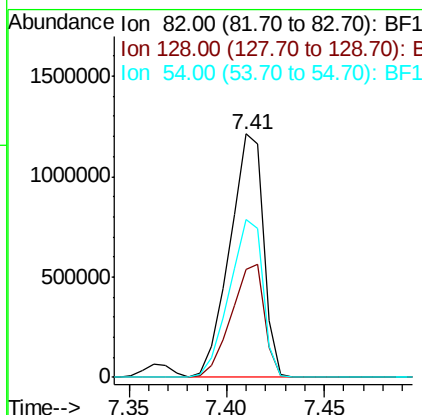
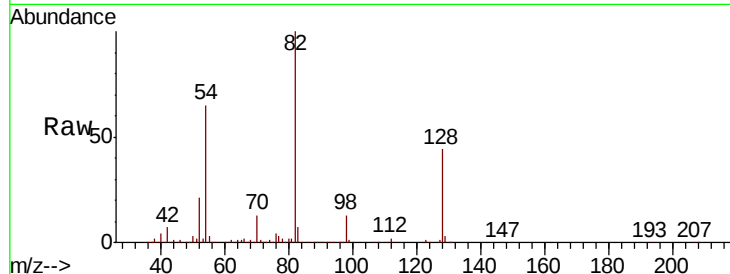
#23
Nitrobenzene-d5
Concen: 60.460 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion: 82 Resp: 1447922
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.8
54 64.7 53.4 80.0

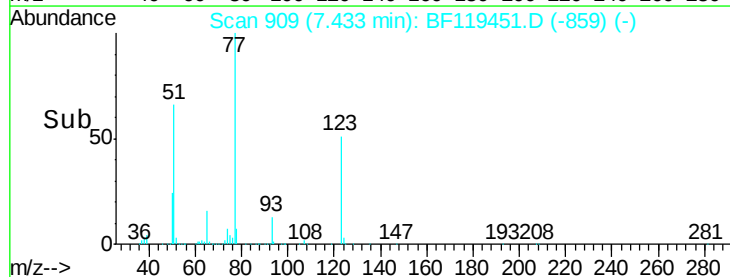
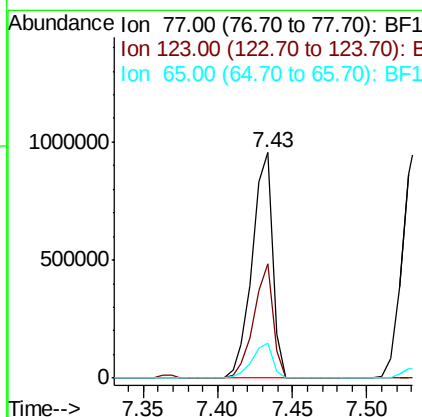
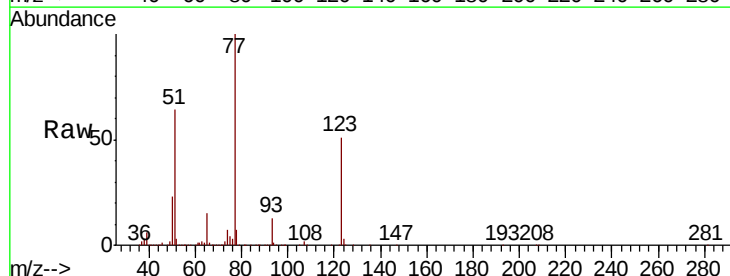
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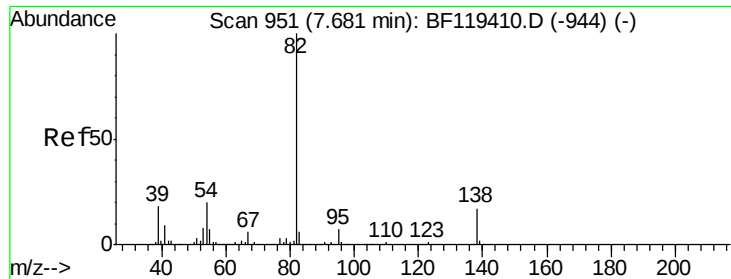
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#24
Nitrobenzene
Concen: 35.193 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion: 77 Resp: 900695
Ion Ratio Lower Upper
77 100
123 50.5 36.9 55.3
65 15.5 12.2 18.4





#25

Isophorone

Concen: 34.160 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

Tot Ion: 82 Resp: 1659490

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

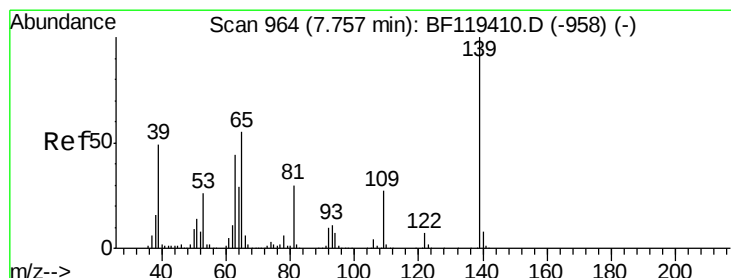
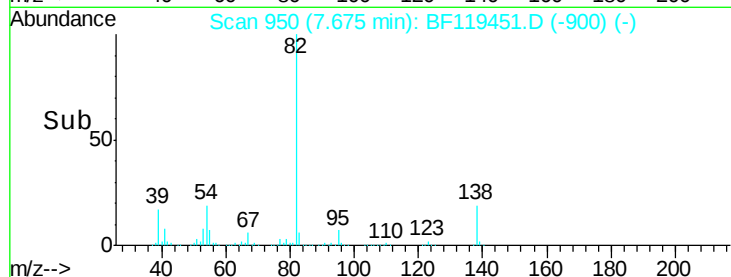
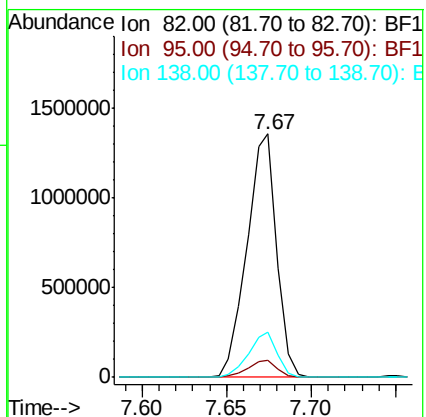
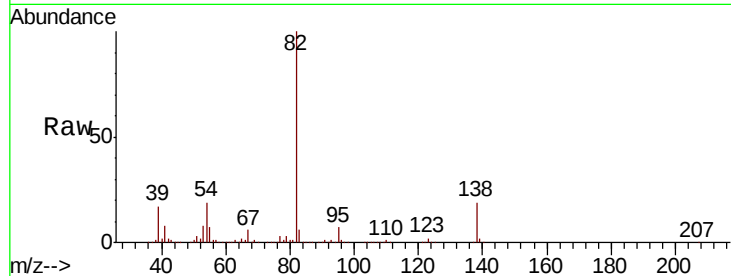
138 18.8 13.8 20.8

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#26

2-Nitrophenol

Concen: 42.914 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

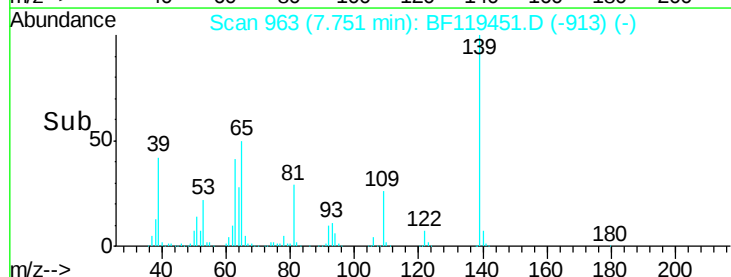
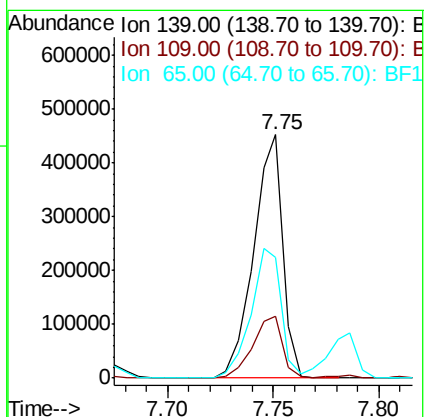
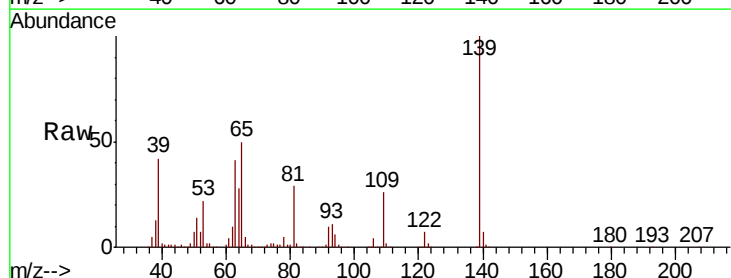
Tgt Ion: 139 Resp: 432449

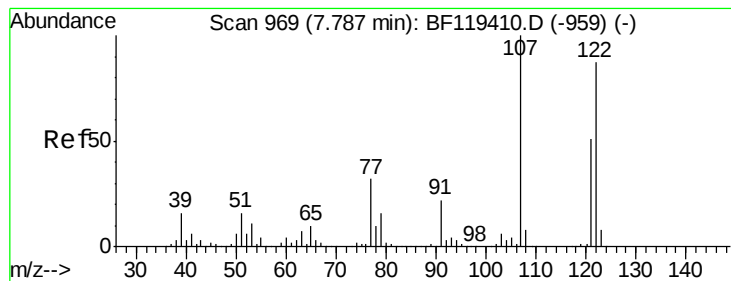
Ion Ratio Lower Upper

139 100

109 25.6 21.7 32.5

65 49.6 43.9 65.9





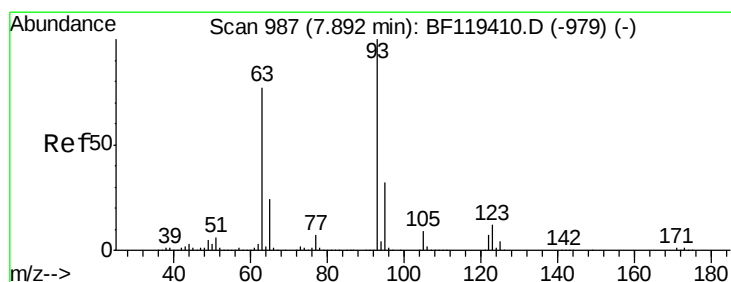
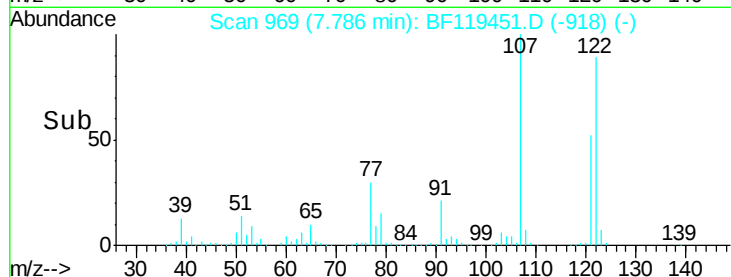
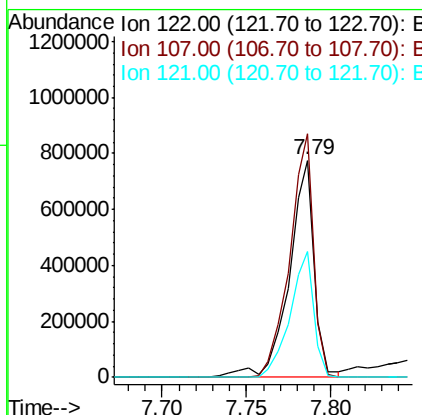
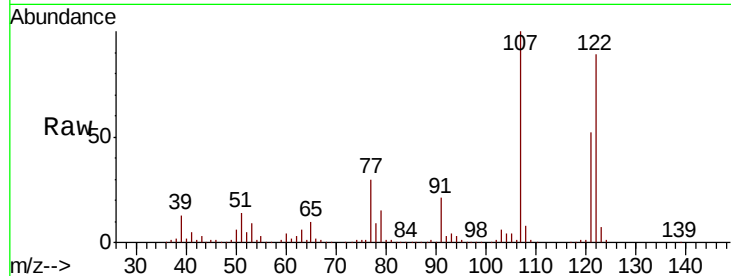
#27
2,4-Dimethylphenol
Concen: 38.379 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampled :
TP-11AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	91.8	137.6
121	58.3	46.5	69.7

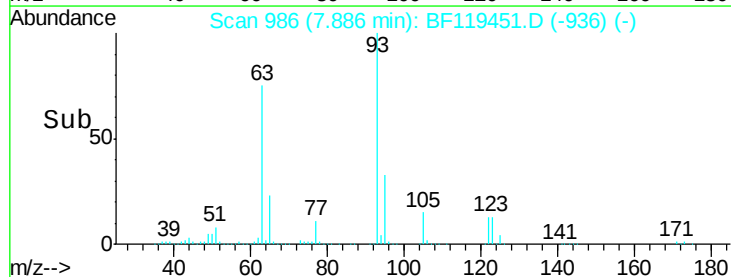
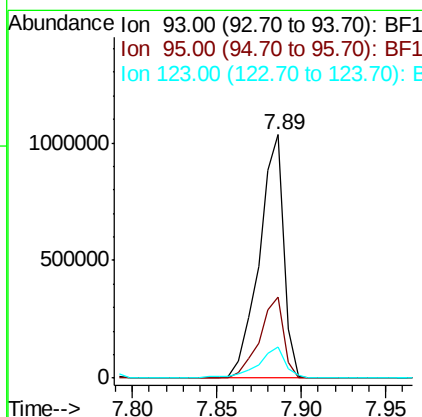
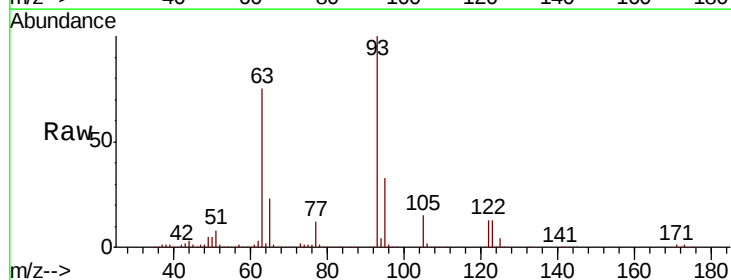
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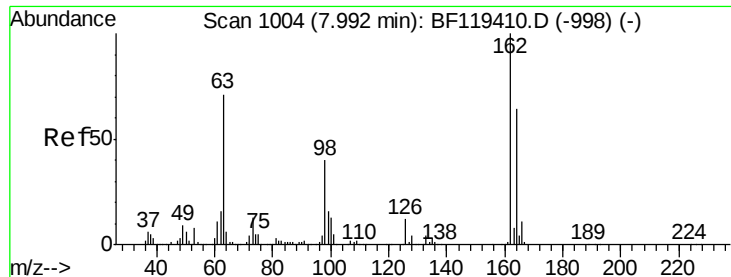
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.216 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	12.6	9.7	14.5





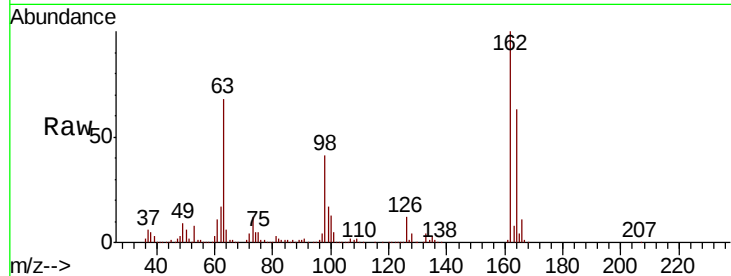
#29
2,4-Dichlorophenol
Concen: 36.749 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

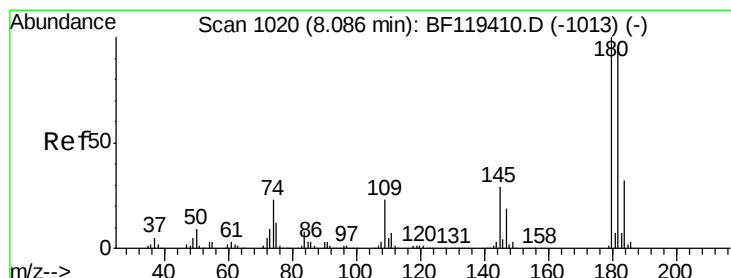
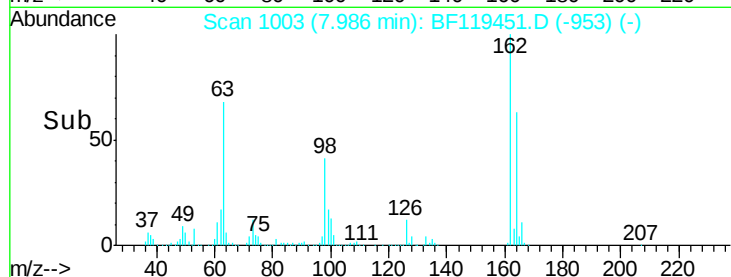
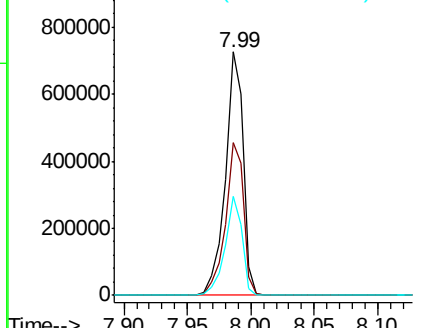
Tot Ion	Ratio	Resp	Lower	Upper
162	100	703589		
164	62.7	43.6	83.6	
98	40.7	20.4	60.4	

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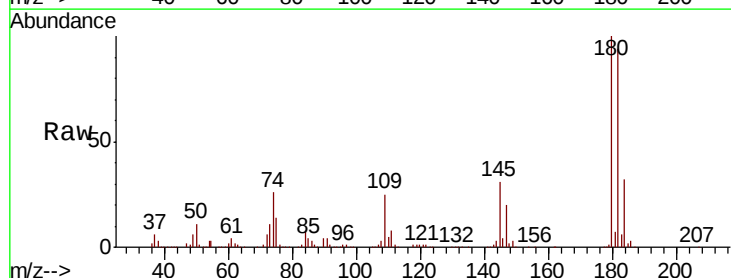


Abundance Ion 162.00 (161.70 to 162.70): E
1000000 Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

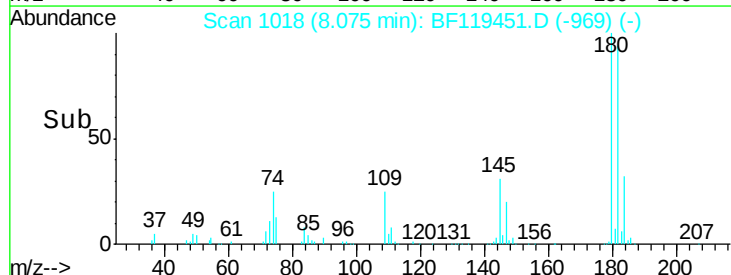
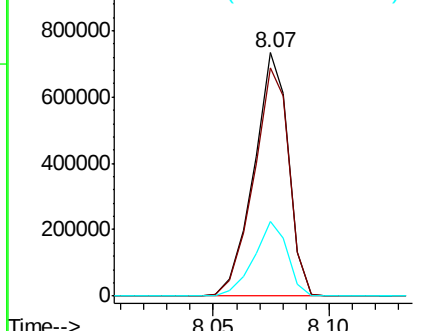


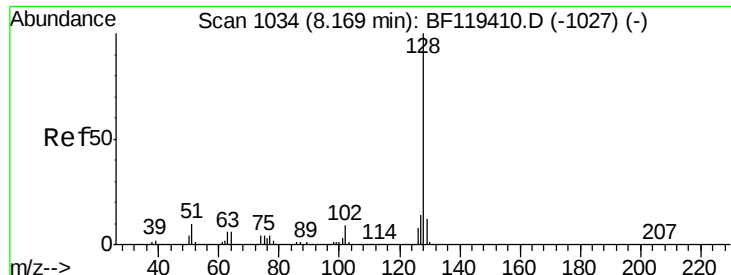
#30
1,2,4-Trichlorobenzene
Concen: 35.949 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	761168		
182	93.8	76.6	115.0	
145	30.5	23.2	34.8	



Abundance Ion 180.00 (179.70 to 180.70): E
1000000 Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





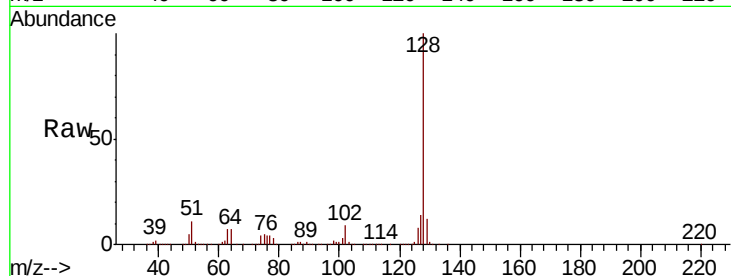
#31
Naphthalene
Concen: 36.066 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.9	11.0	16.4

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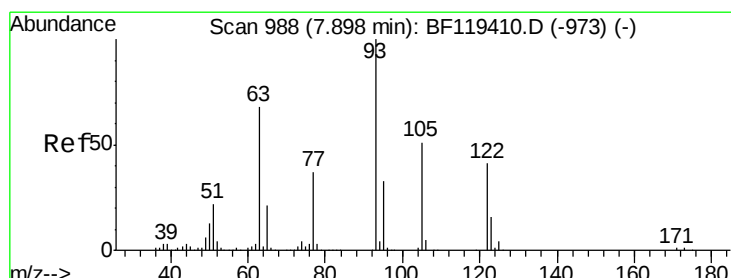
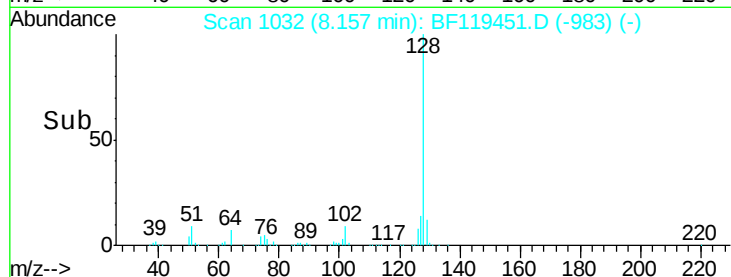
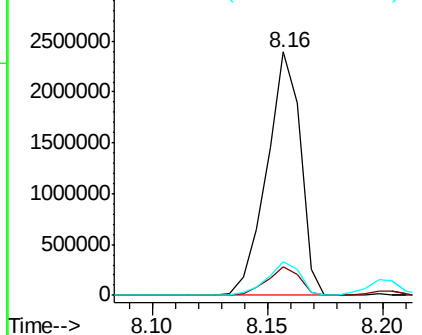


Abundance

Ion 128.00 (127.70 to 128.70): E

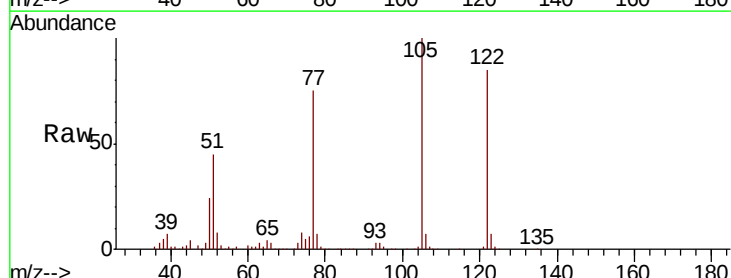
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.728 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.5	102.9	142.9
77	88.3	70.1	110.1

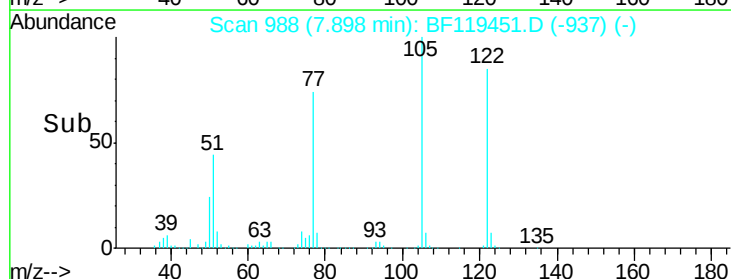
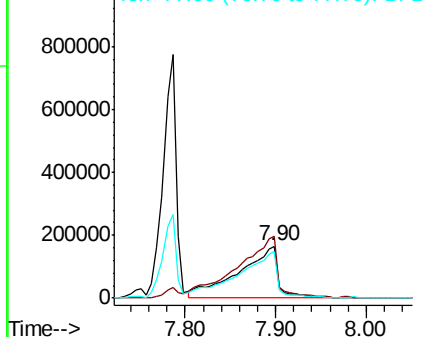


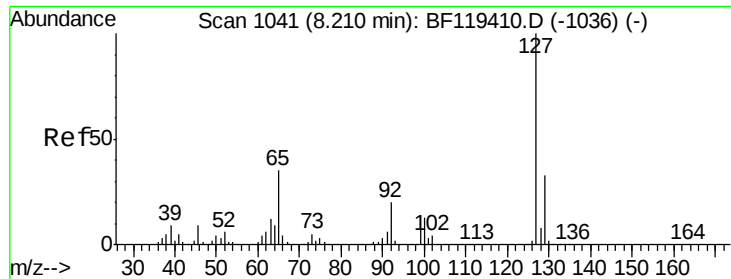
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





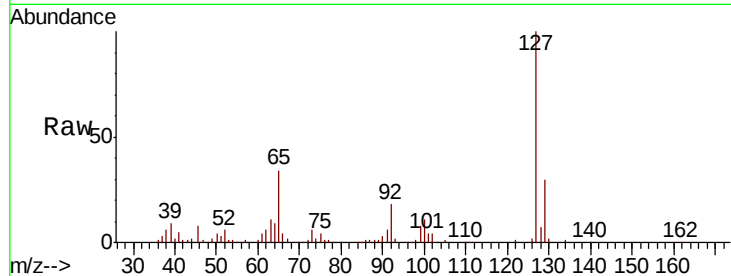
#33
4-Chloroaniline
Concen: 5.333 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

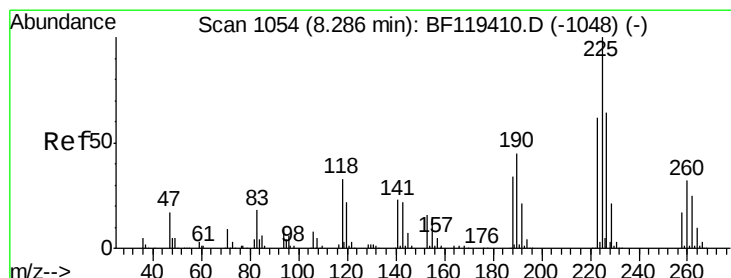
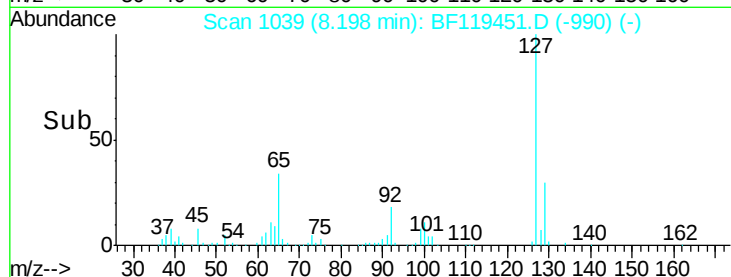
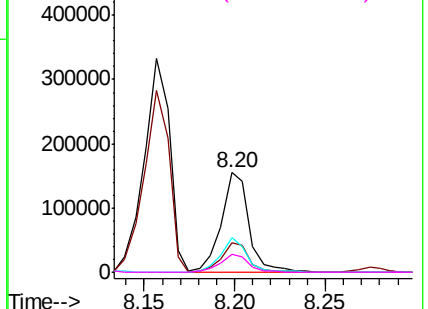
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		163672		
129	30.2	26.2	39.4		
65	34.4	27.7	41.5		
92	18.3	15.8	23.6		

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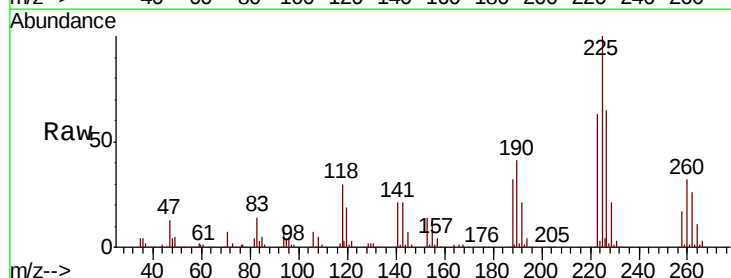


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

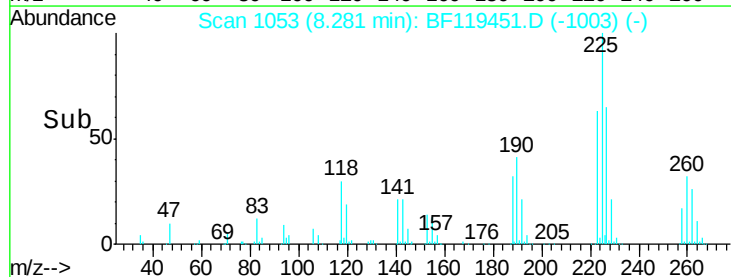
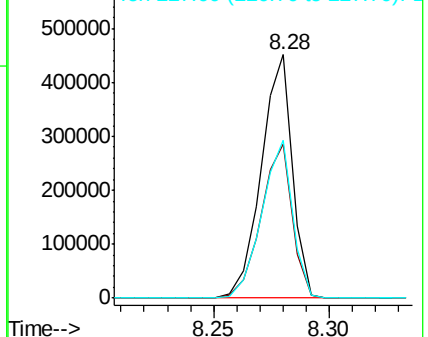


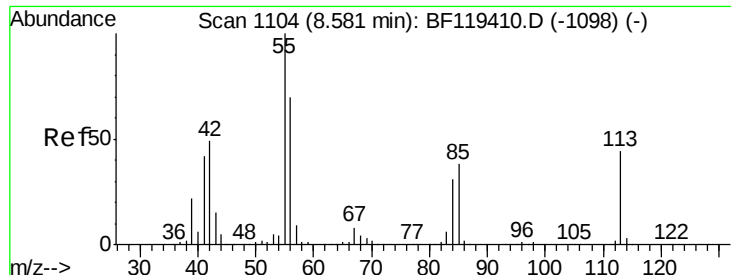
#34
Hexachlorobutadiene
Concen: 35.597 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		421702		
223	63.2	49.2	73.8		
227	64.7	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





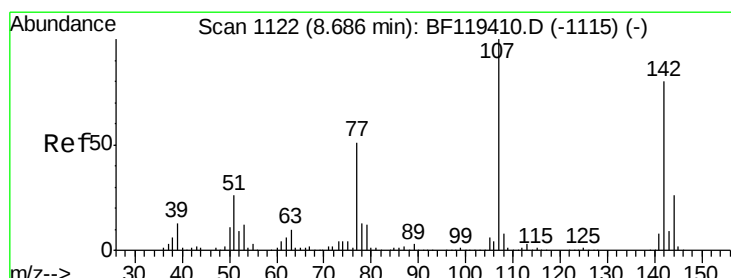
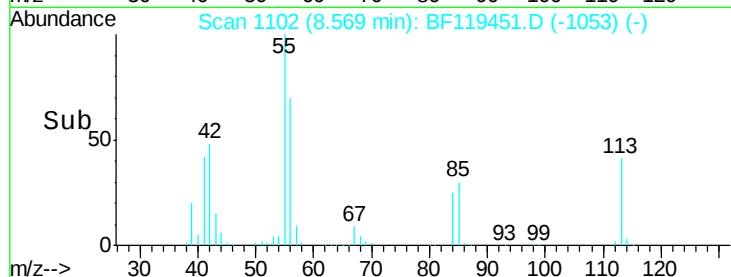
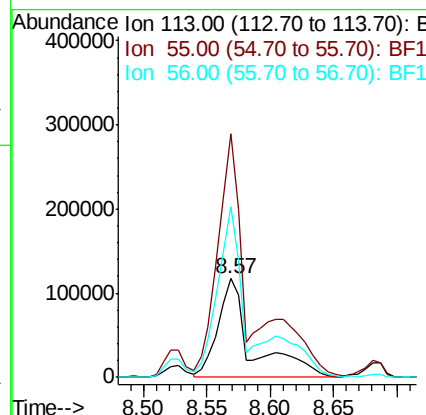
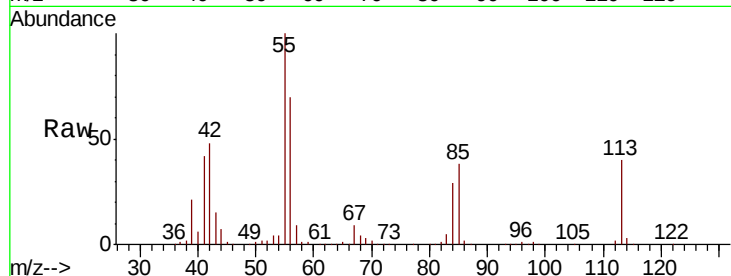
#35
Caprolactam
Concen: 33.906 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	247.3	208.4	248.4
56	173.1	138.9	178.9

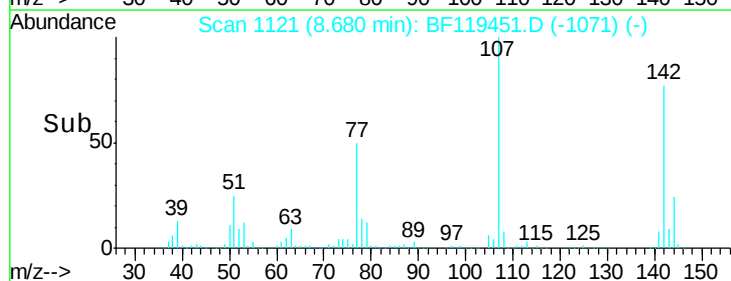
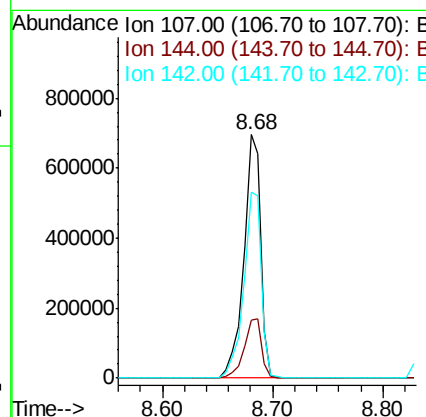
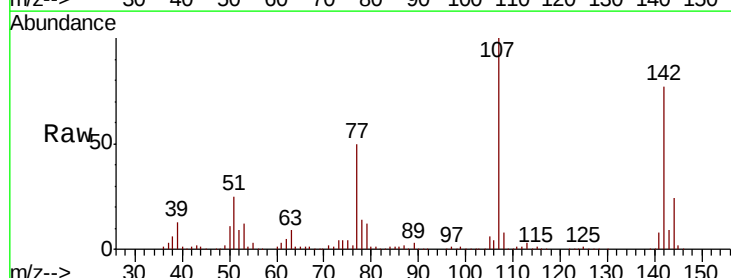
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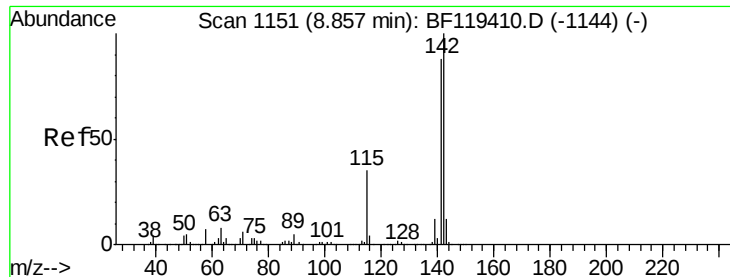
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#36
4-Chloro-3-methylphenol
Concen: 35.809 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	20.6	31.0
142	76.7	63.8	95.6





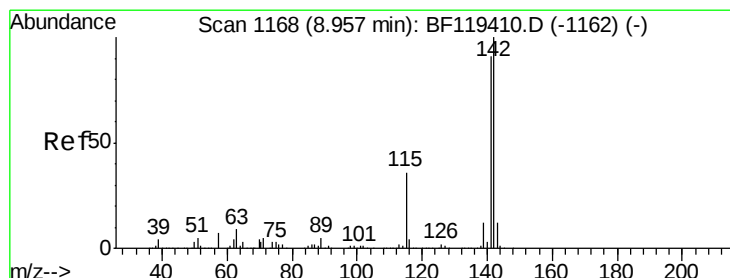
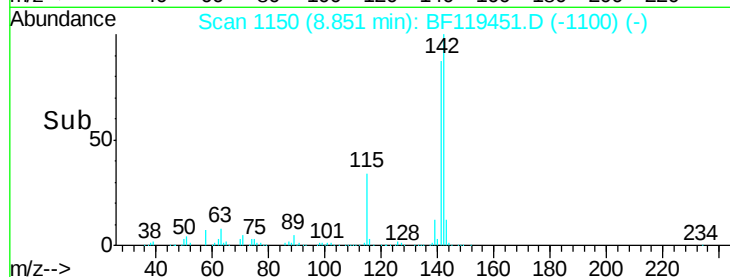
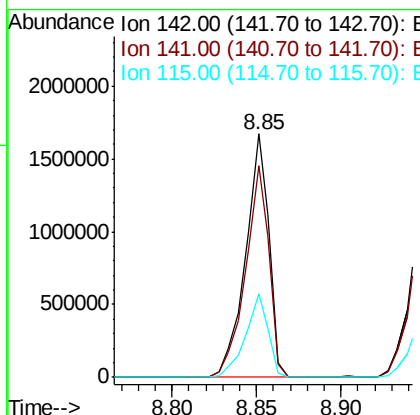
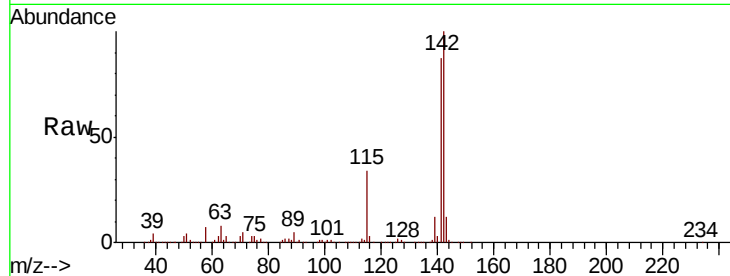
#37
2-Methylnaphthalene
Concen: 36.775 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.4	105.6
115	34.5	27.8	41.6

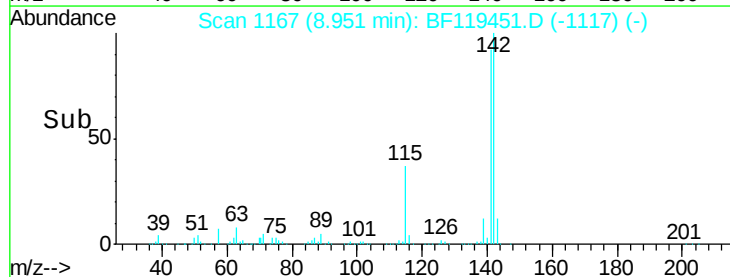
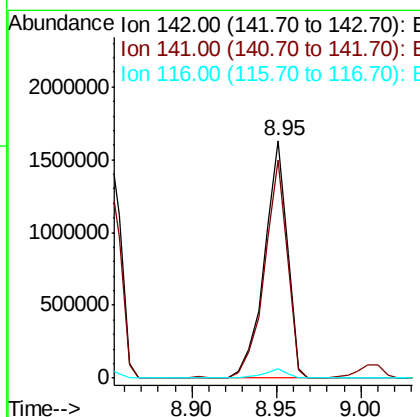
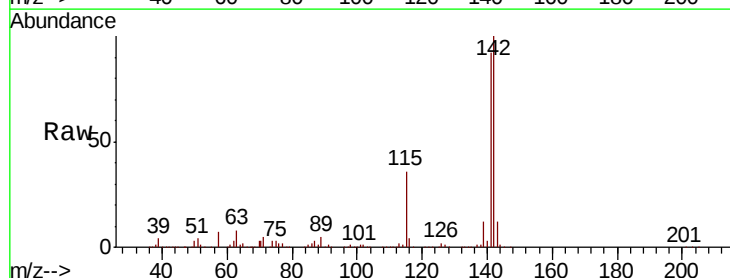
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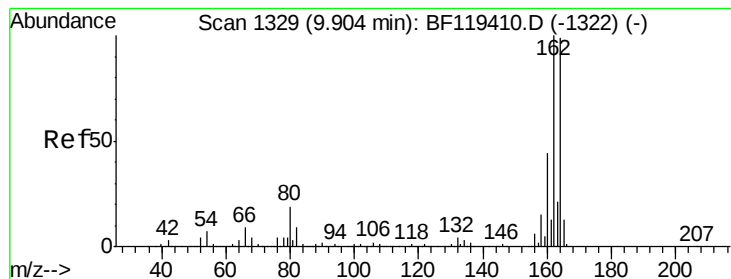
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#38
1-Methylnaphthalene
Concen: 36.503 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.1	109.7
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

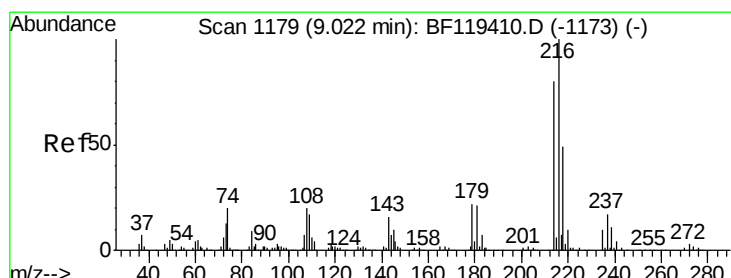
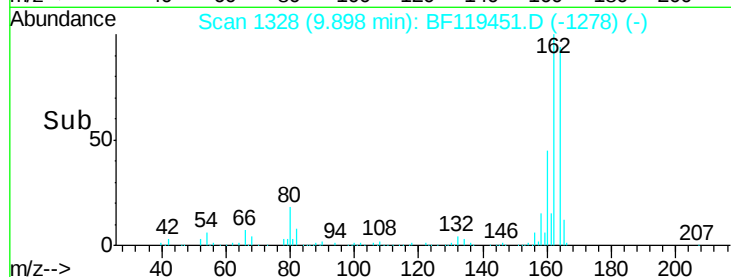
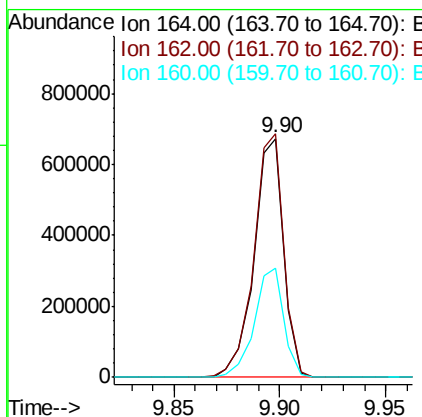
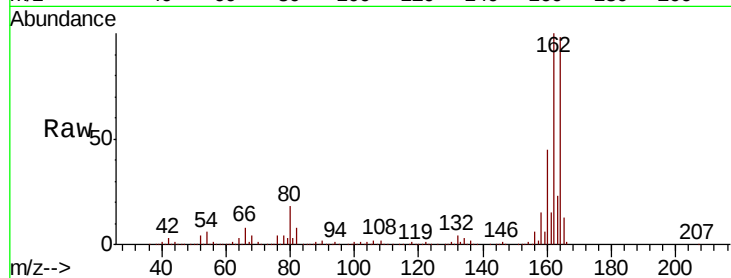
ClientSampleId :

TP-11AMSD

Tot Ion:	164	Resp:	656529
Ion Ratio	Lower	Upper	
164	100		
162	102.0	80.7	121.1
160	46.0	35.5	53.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.959 ng

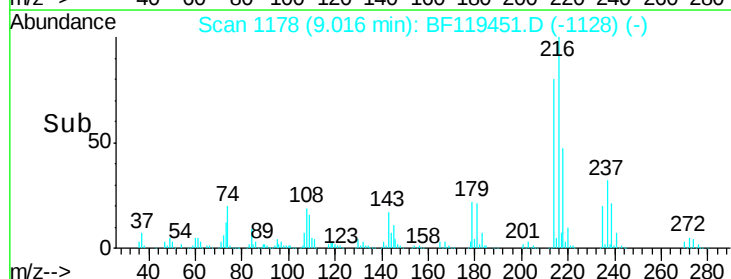
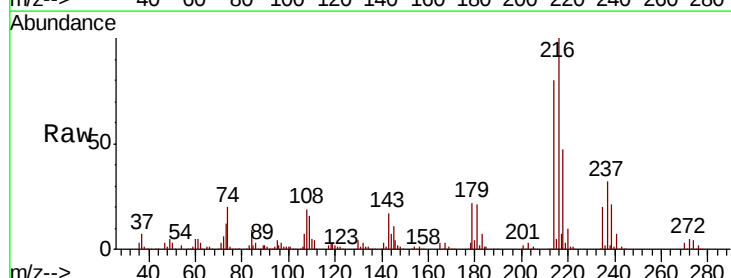
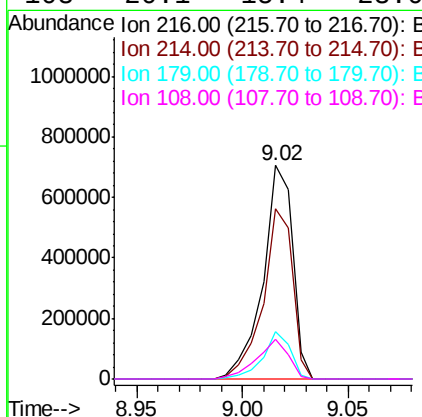
RT: 9.02 min Scan# 1178

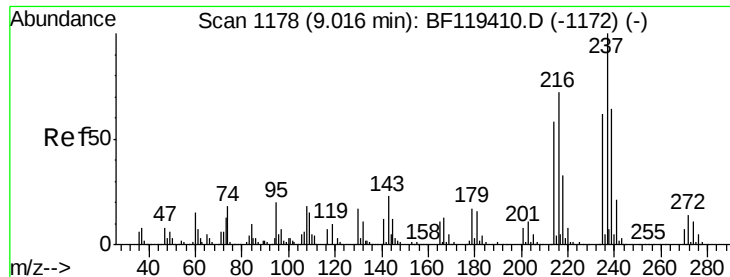
Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Tgt Ion:	216	Resp:	691974
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.6
179	20.7	17.0	25.4
108	20.1	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 66.680 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

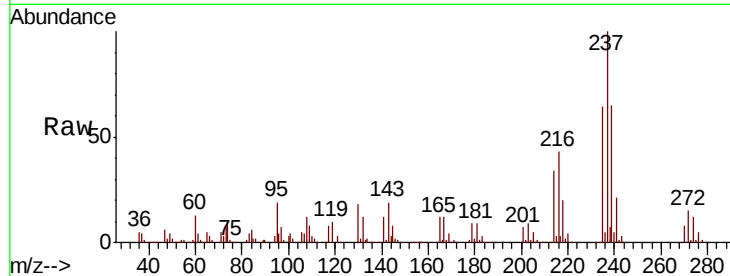
ClientSampleId :

TP-11AMSD

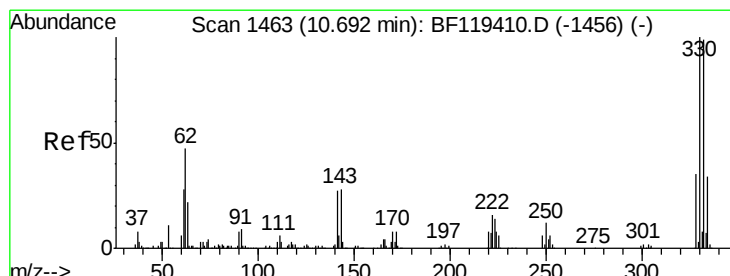
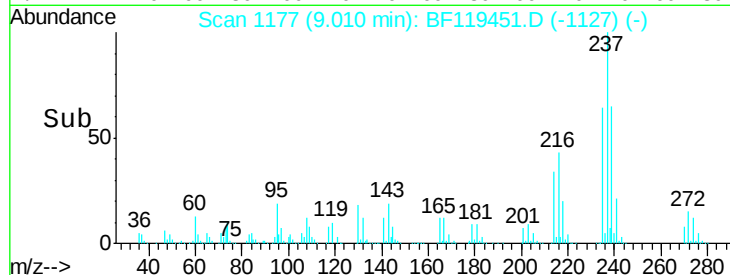
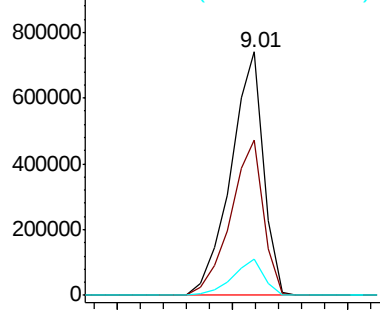
Tot Ion:	237	Resp:	729492
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.5	82.5
272	14.8	0.0	34.3

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 90.247 ng

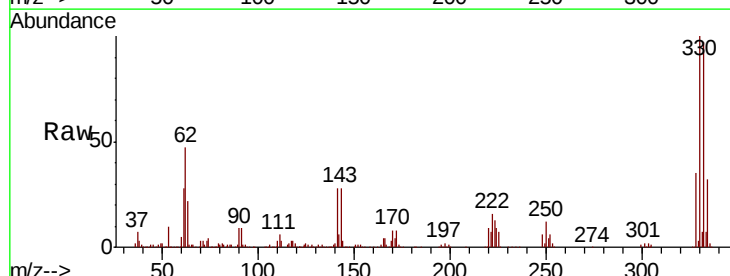
RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

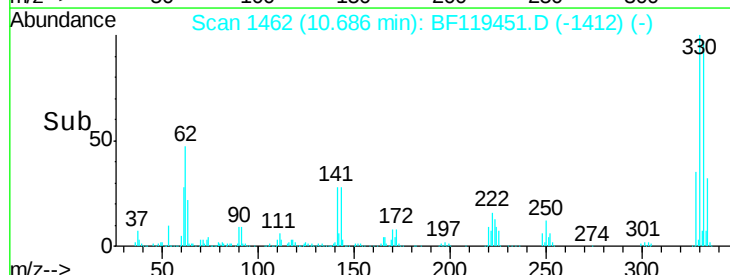
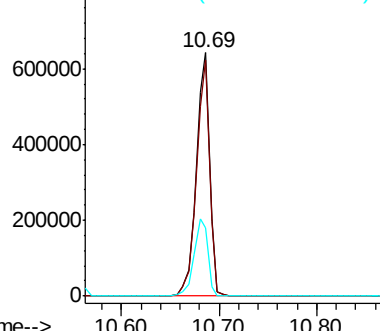
Lab File: BF119451.D

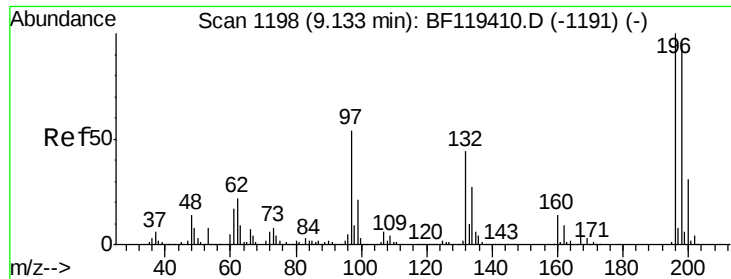
Acq: 19 Mar 2020 21:24

Tgt Ion:	330	Resp:	611261
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.6	116.4
141	33.1	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





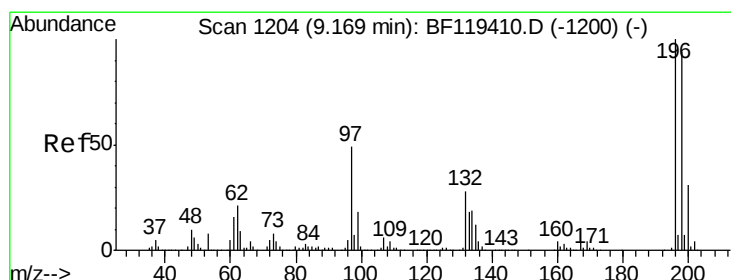
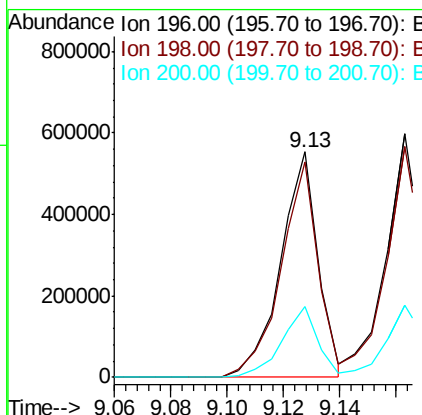
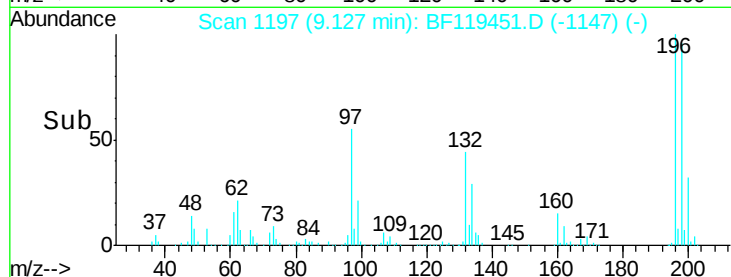
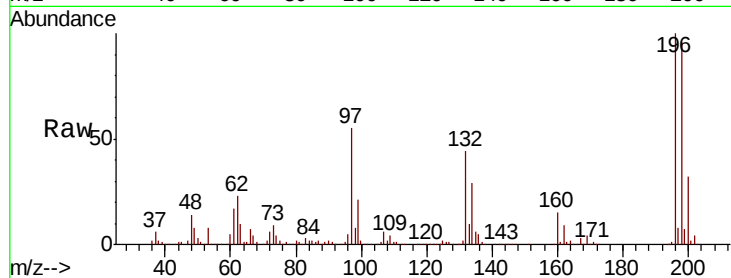
#43
 2,4,6-Trichlorophenol
 Concen: 36.980 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

Tot Ion:	196	Resp:	509249
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.0	115.4
200	31.7	25.1	37.7

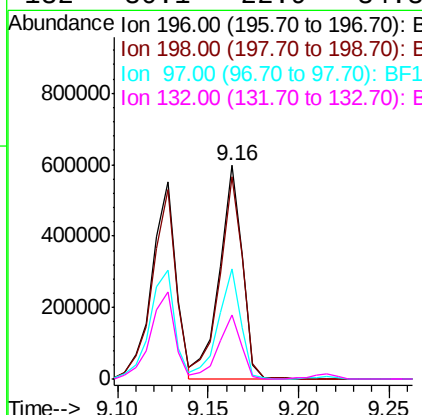
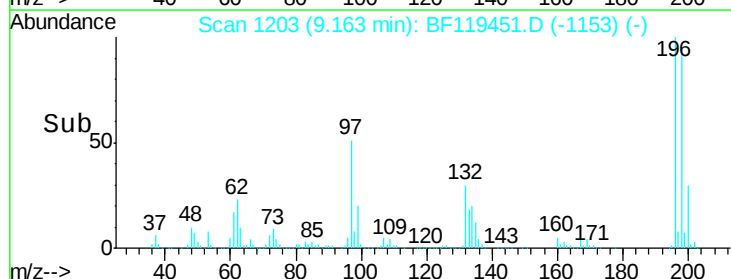
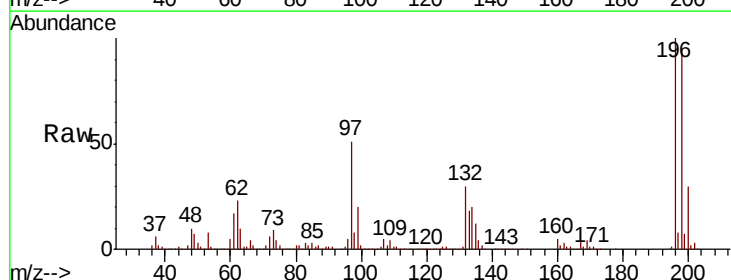
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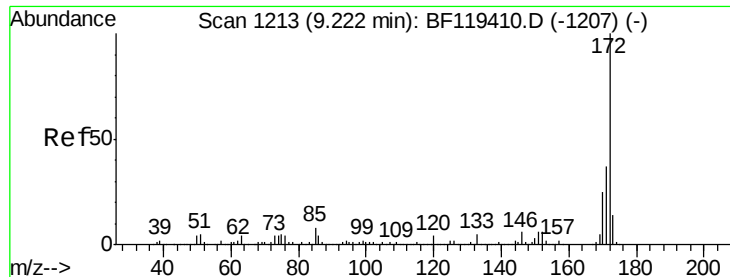
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#44
 2,4,5-Trichlorophenol
 Concen: 33.822 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:	196	Resp:	521756
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.3	112.9
97	51.5	39.0	58.4
132	30.1	22.9	34.3





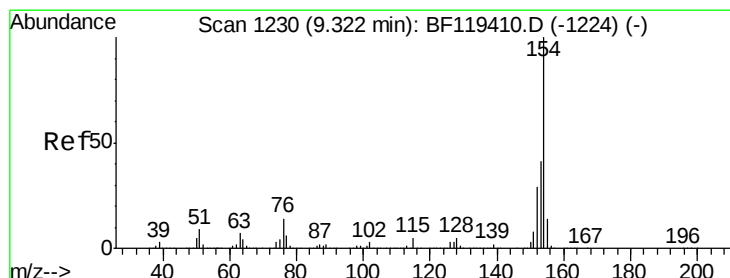
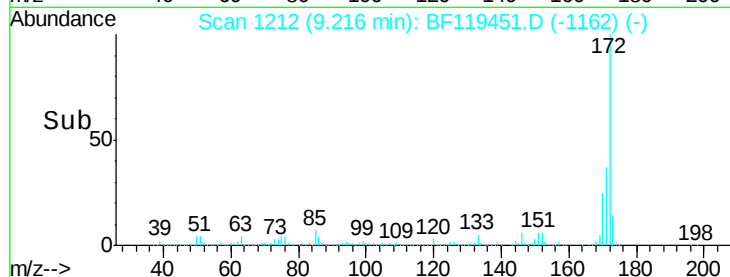
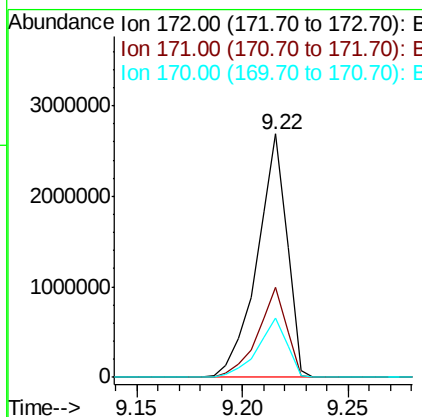
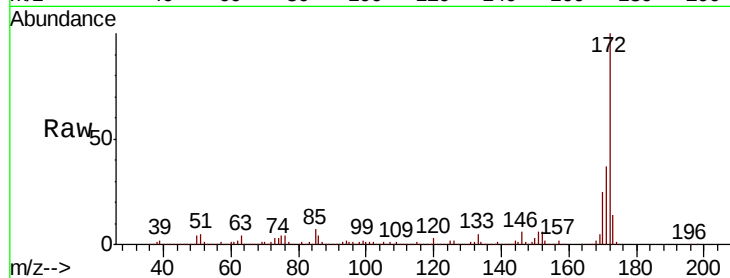
#45
2-Fluorobiphenyl
Concen: 59.343 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	24.6	20.1	30.1

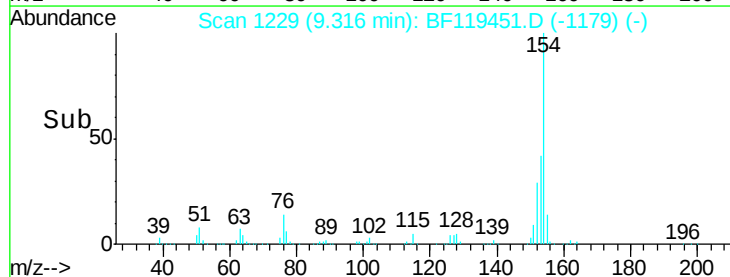
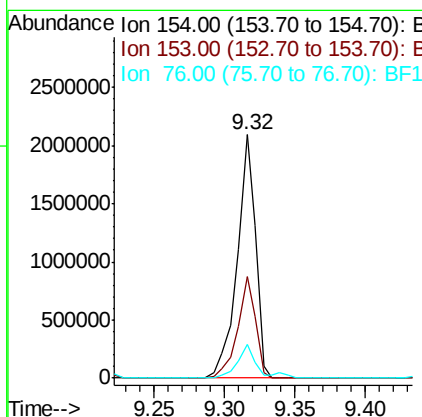
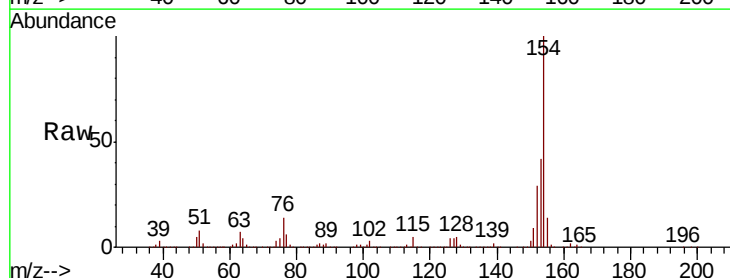
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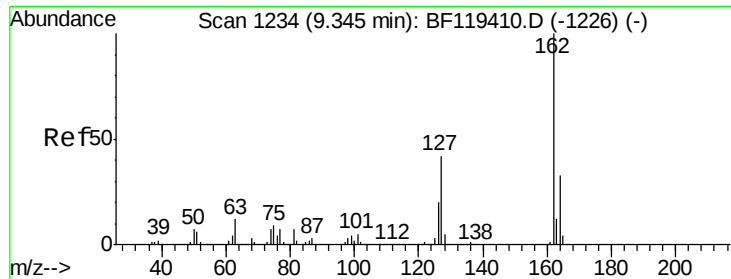
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#46
1,1'-Biphenyl
Concen: 35.288 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	13.7	0.0	33.6





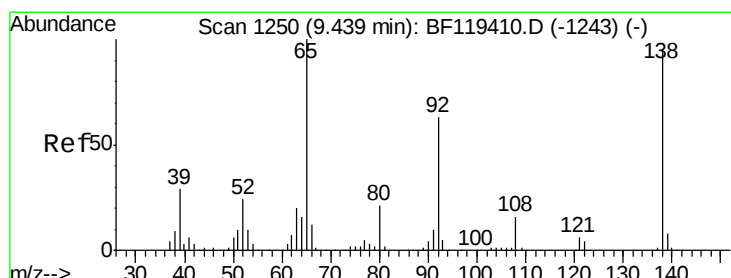
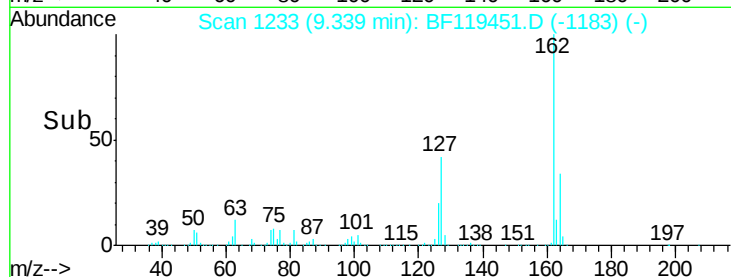
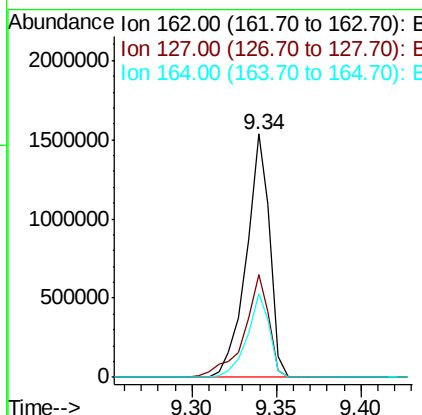
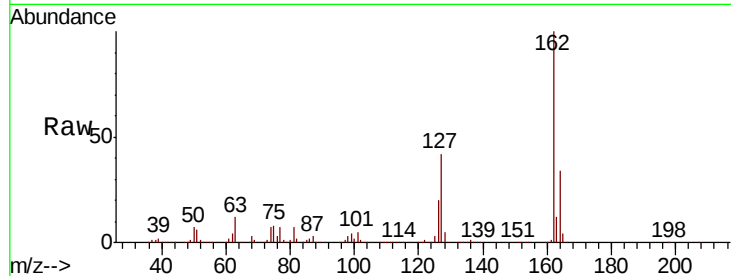
#47
2-Chloronaphthalene
Concen: 35.481 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	42.3	33.7	50.5	
164	34.2	26.2	39.4	

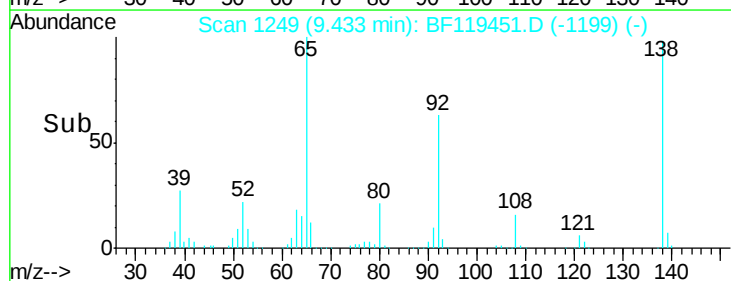
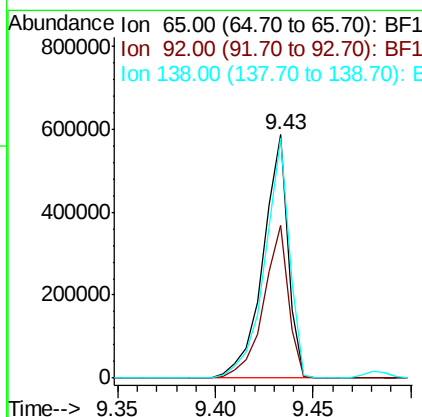
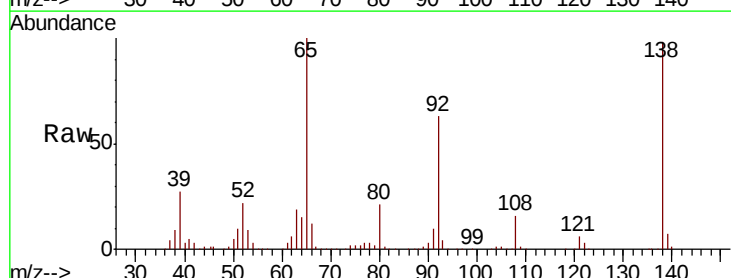
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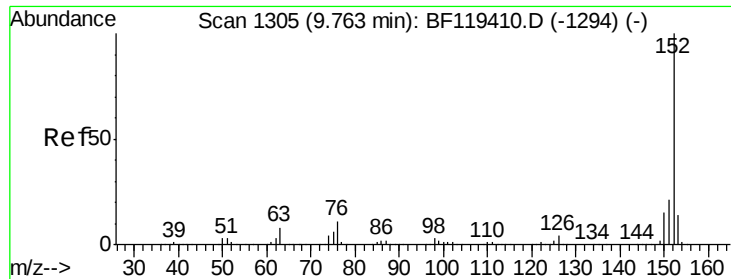
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#48
2-Nitroaniline
Concen: 36.075 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	62.8	50.5	75.7	
138	98.3	75.8	113.8	





#49

Acenaphthylene

Concen: 35.843 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

Tot Ion:152 Resp: 2357551

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

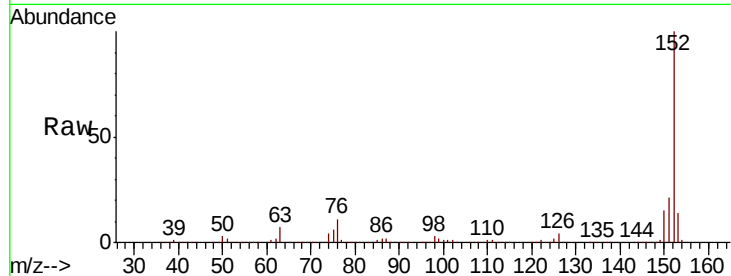
153 13.9 11.2 16.8

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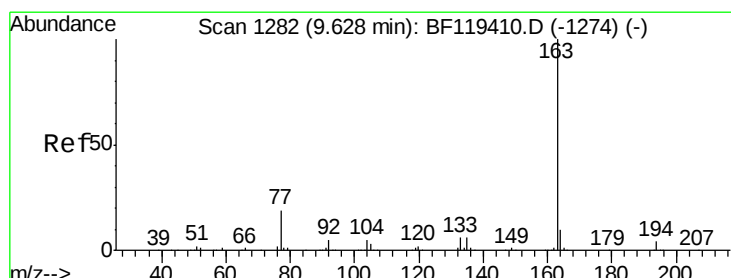
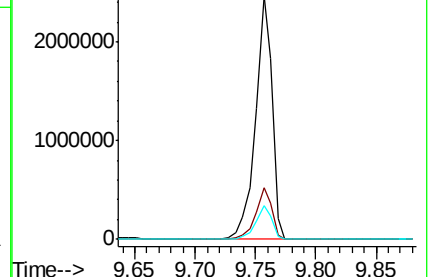
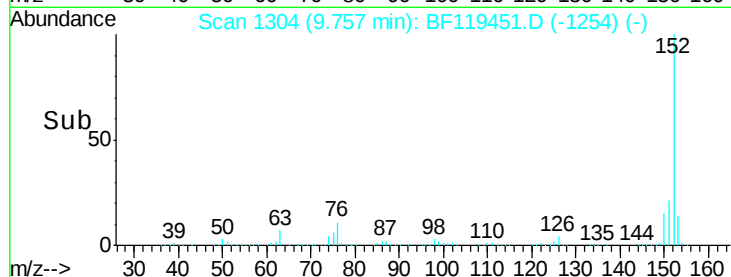
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.677 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

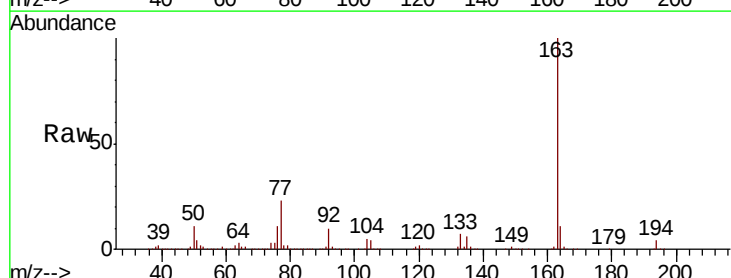
Tgt Ion:163 Resp: 1850259

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

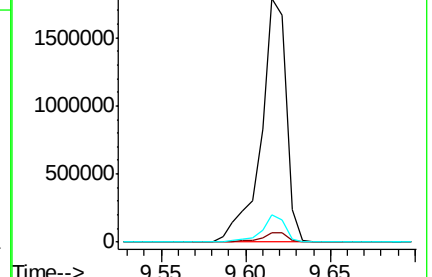
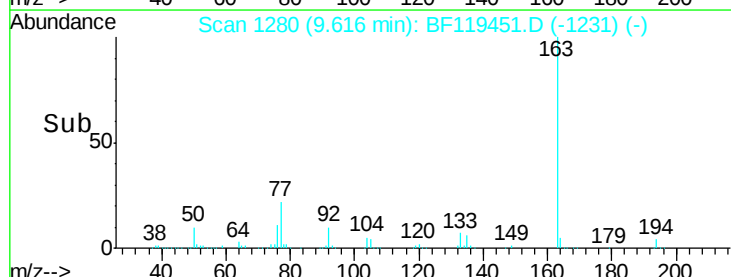
164 11.3 8.1 12.1

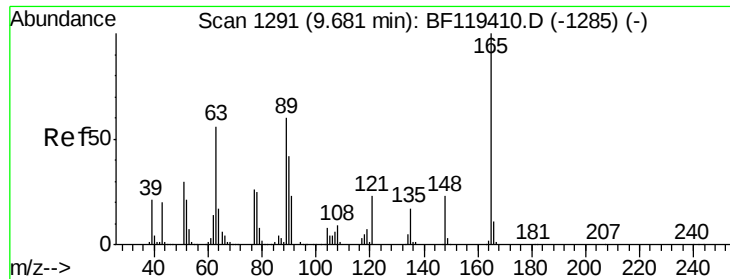


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





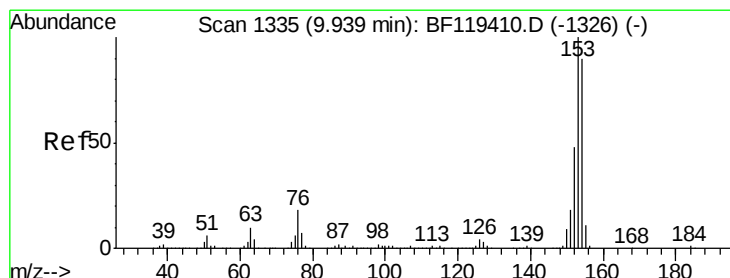
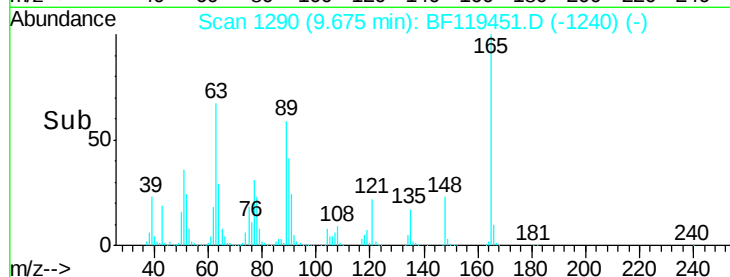
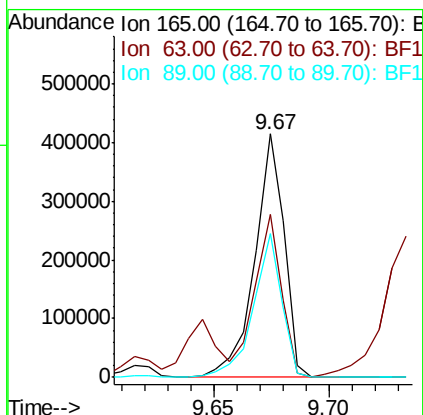
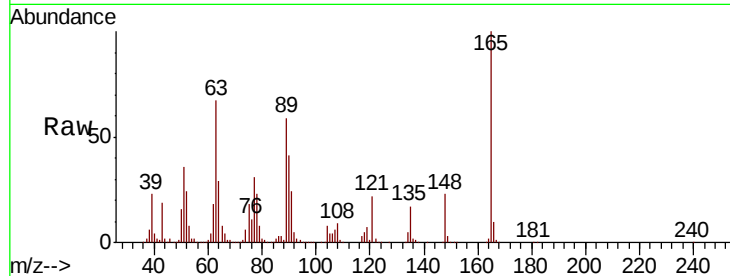
#51
2,6-Dinitrotoluene
Concen: 36.973 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	369565		
63	66.7	57.3	85.9	
89	59.3	47.8	71.8	

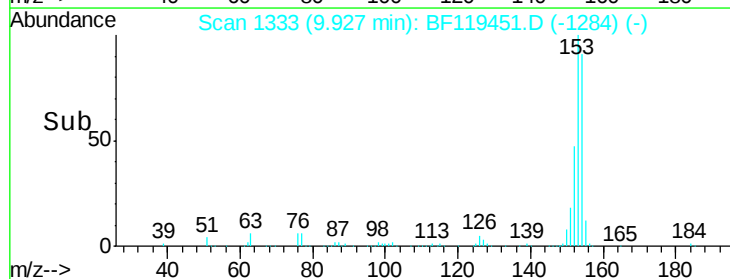
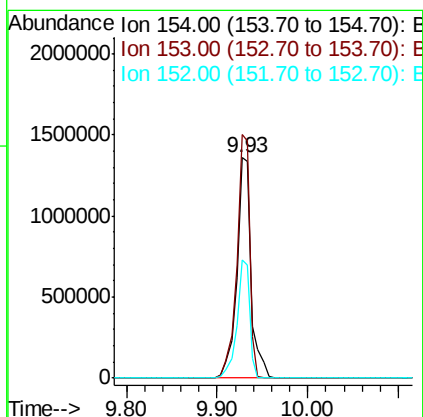
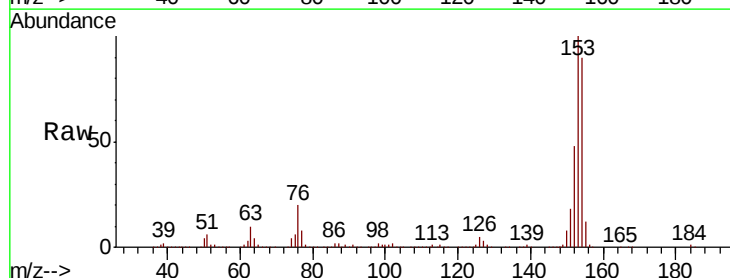
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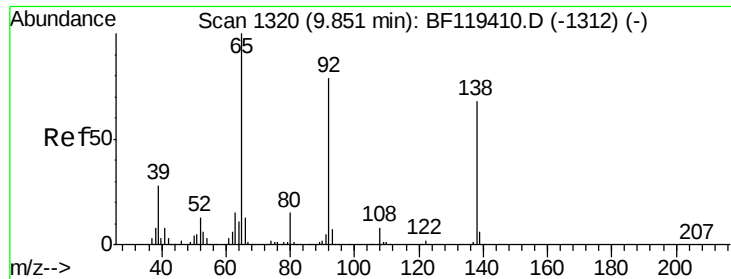
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#52
Acenaphthene
Concen: 36.924 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1514058		
153	110.5	89.0	133.6	
152	53.5	43.1	64.7	





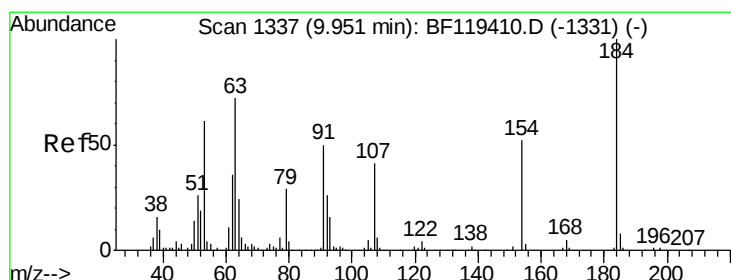
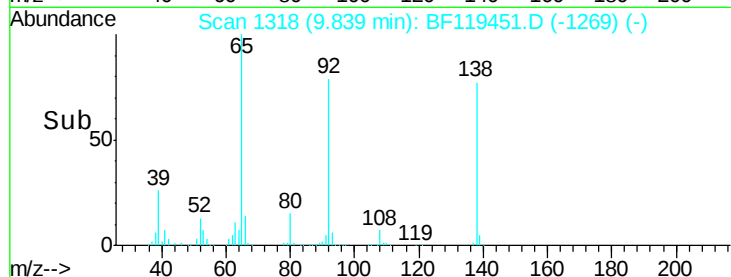
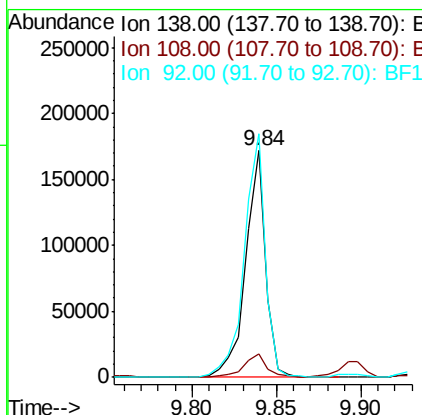
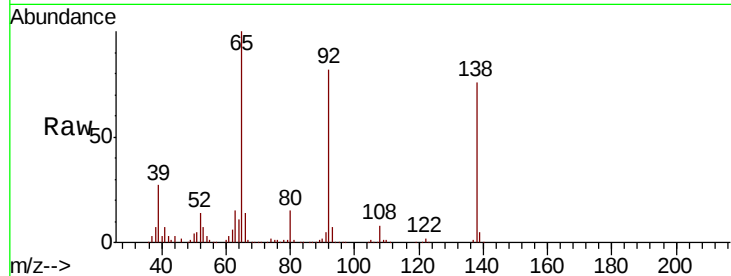
#53
3-Nitroaniline
Concen: 11.343 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.0	13.6
92	107.4	93.2	139.8

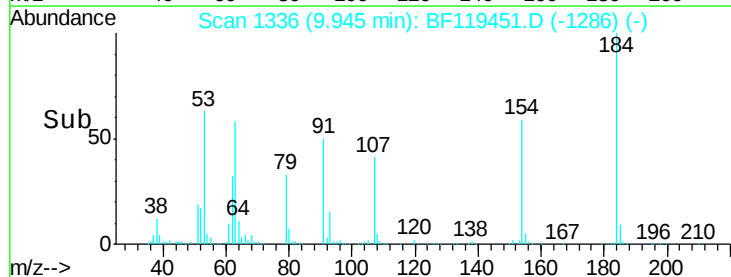
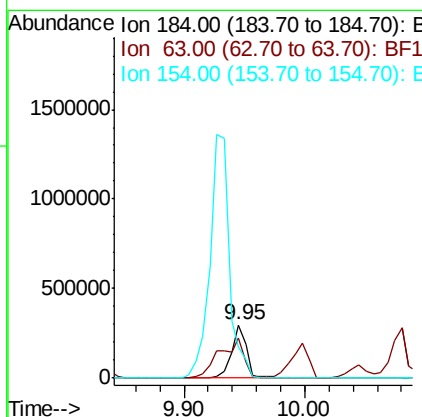
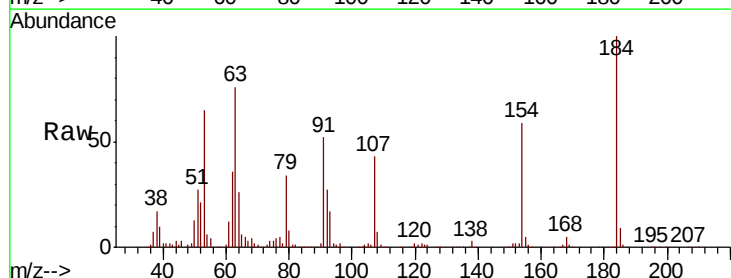
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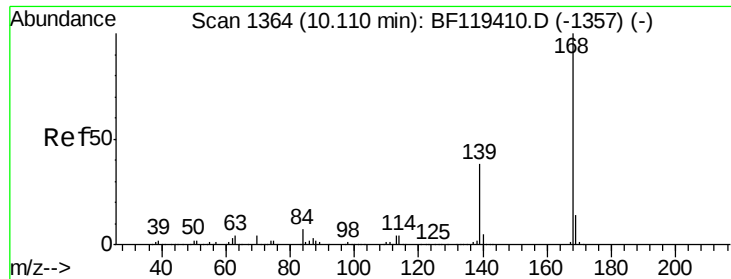
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#54
2,4-Dinitrophenol
Concen: 60.149 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.6	58.5	87.7
154	59.1	51.8	77.6





#55

Dibenzofuran

Concen: 35.440 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

Tot Ion:168 Resp: 2083490

Ion Ratio Lower Upper

168 100

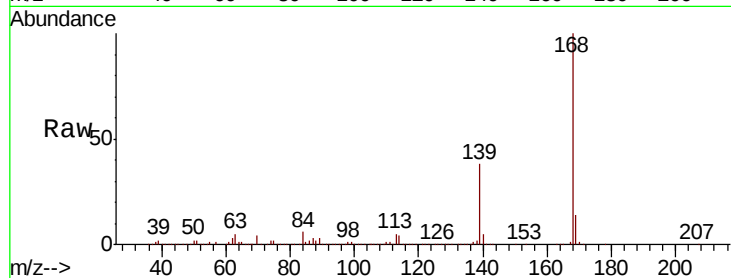
139 37.7 30.2 45.4

169 13.9 11.1 16.7

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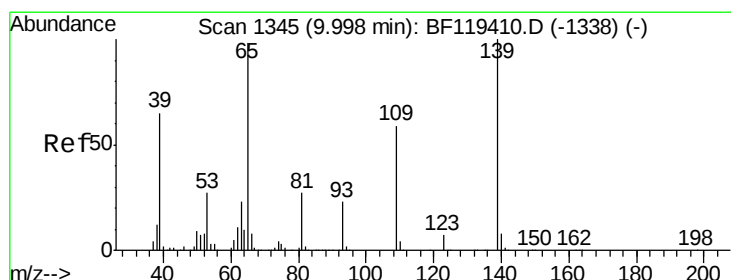
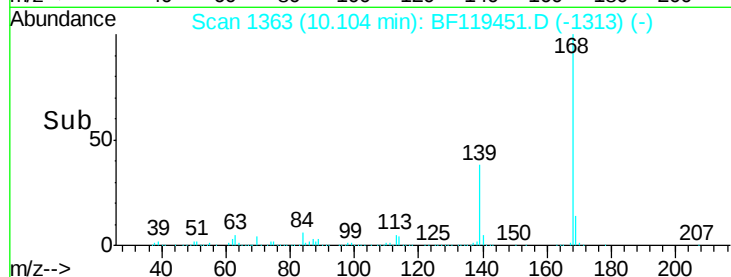
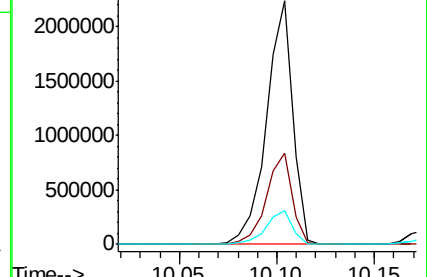
3/20/2020 11:47:27 AM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 65.626 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

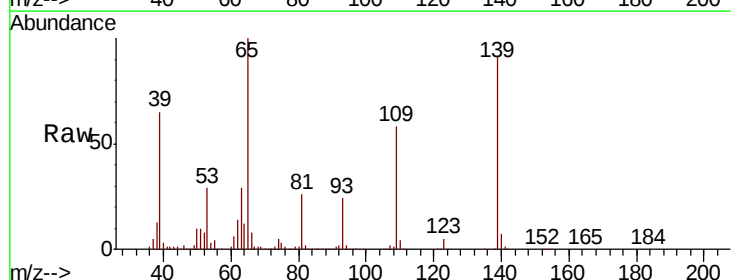
Tgt Ion:139 Resp: 653304

Ion Ratio Lower Upper

139 100

109 63.4 39.6 79.6

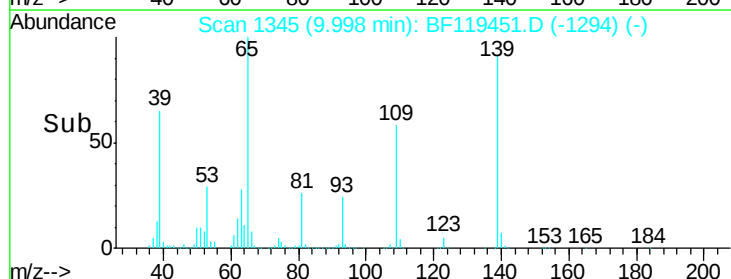
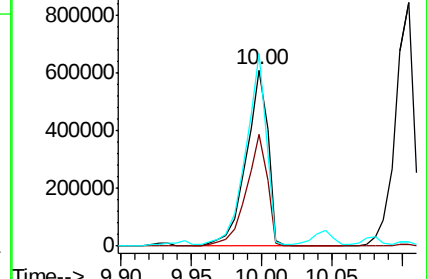
65 109.5 78.3 118.3

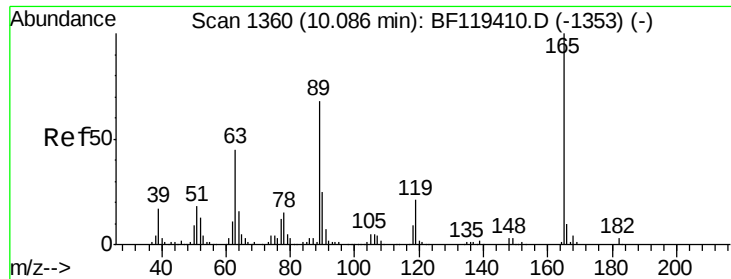


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





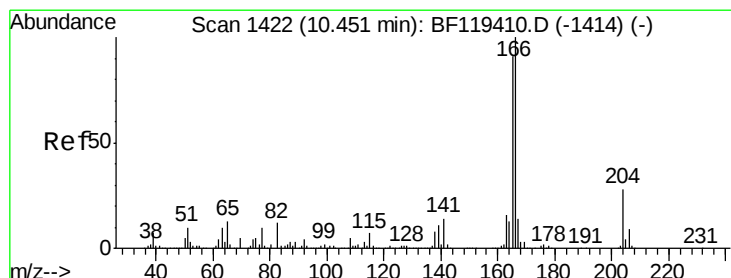
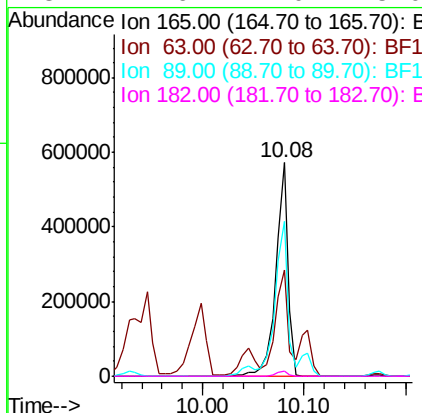
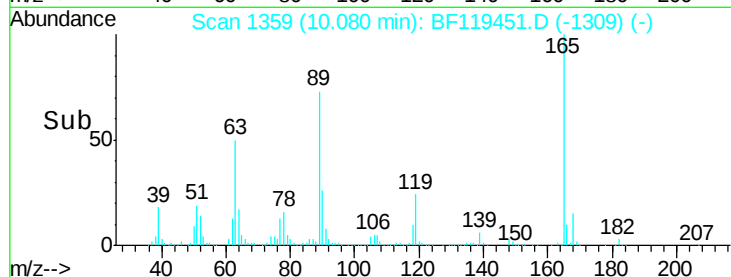
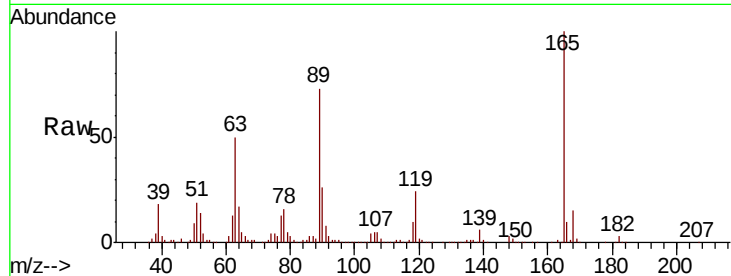
#57
2,4-Dinitrotoluene
Concen: 38.905 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		489885		
63	49.7	36.2	54.4		
89	72.6	54.3	81.5		
182	2.6	2.0	3.0		

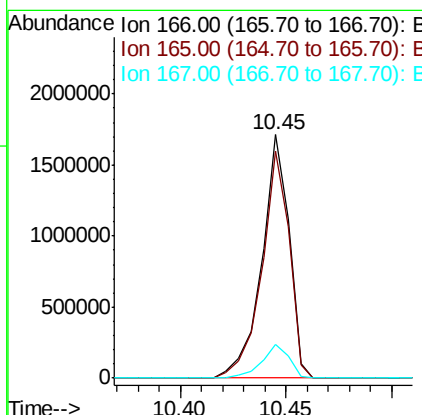
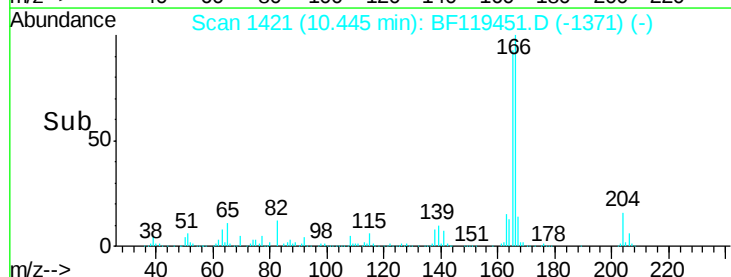
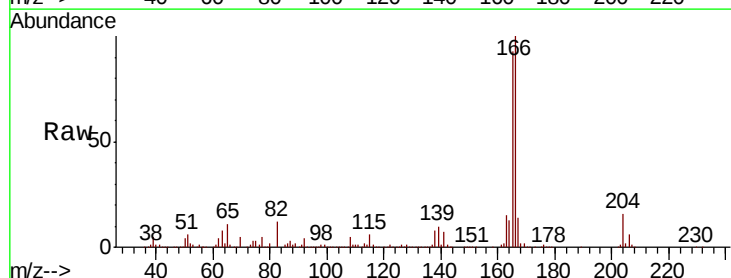
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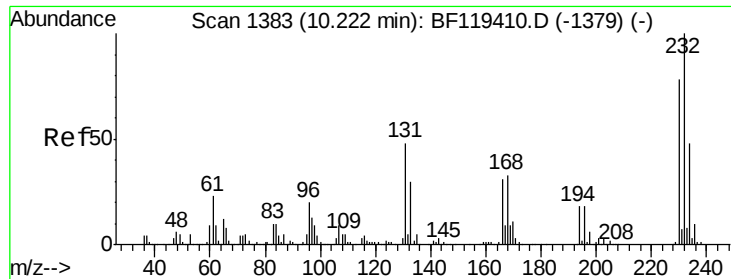
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#58
Fluorene
Concen: 35.551 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1545570		
165	93.1	73.1	109.7		
167	14.0	11.0	16.6		





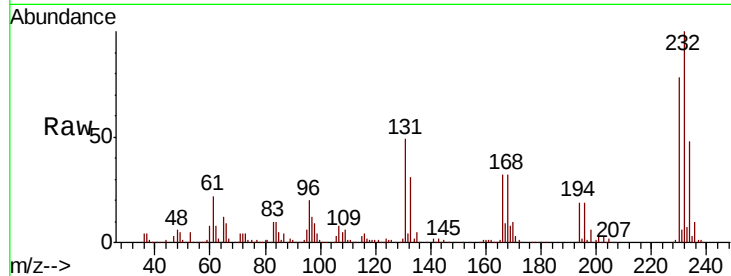
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.163 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

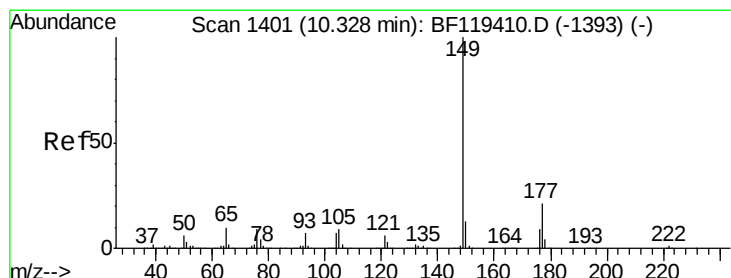
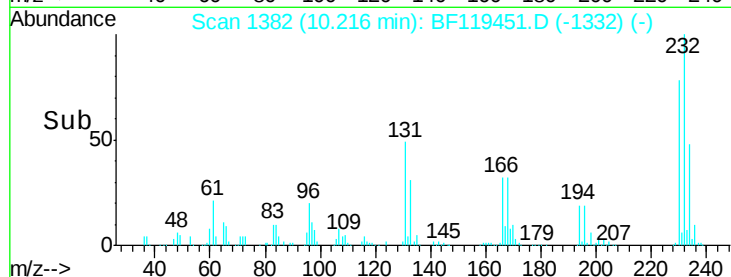
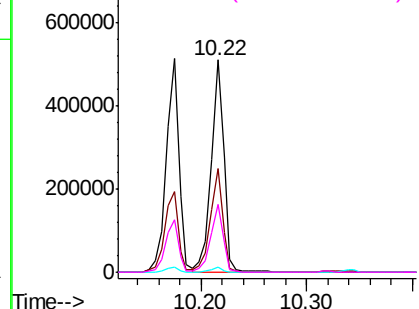
Tot Ion:	232	Resp:	428530
Ion Ratio	Lower	Upper	
232	100		
131	46.8	36.3	54.5
130	2.2	1.8	2.6
166	30.7	24.9	37.3

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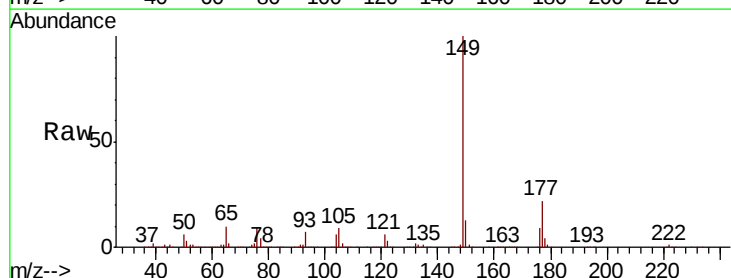


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

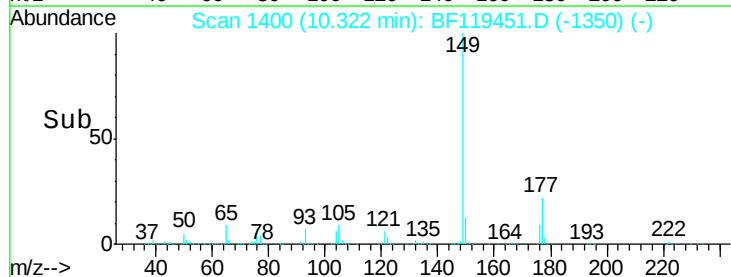
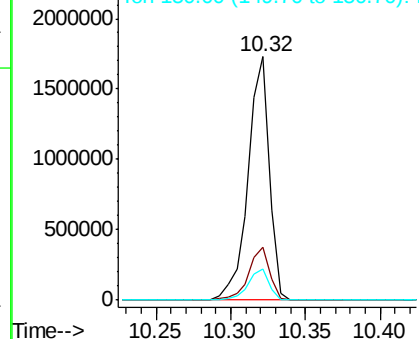


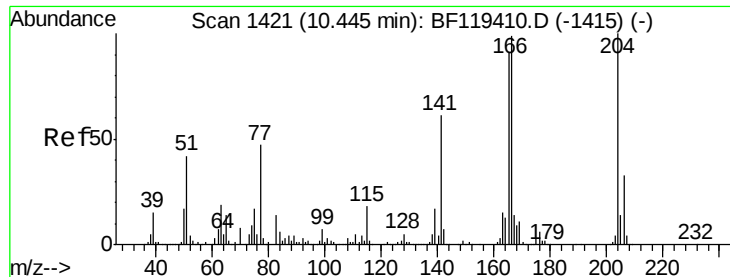
#60
 Diethylphthalate
 Concen: 36.024 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:	149	Resp:	1705028
Ion Ratio	Lower	Upper	
149	100		
177	21.8	17.0	25.6
150	12.9	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 35.379 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

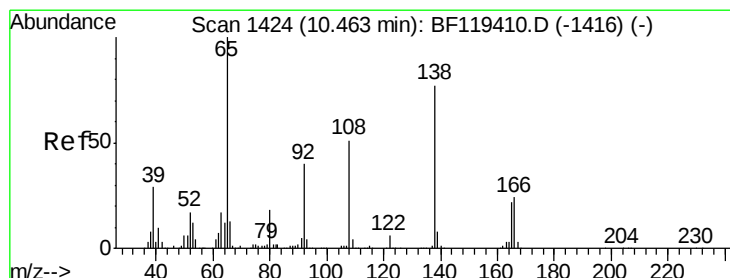
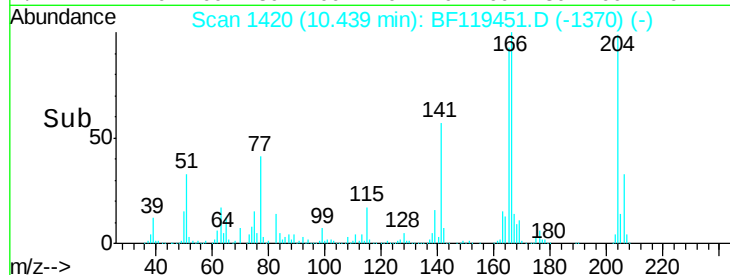
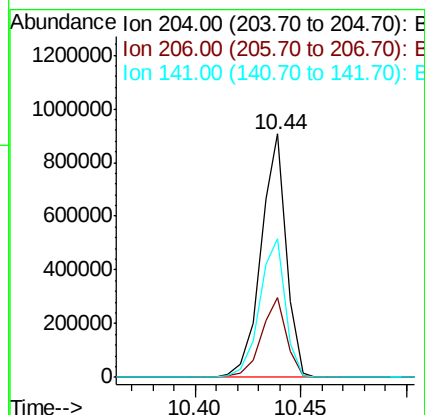
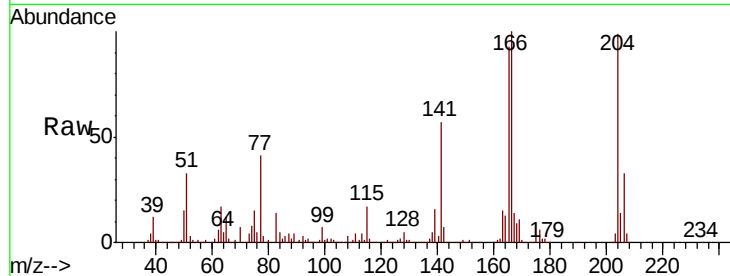
ClientSampleId :

TP-11AMSD

Tot Ion:	204	Resp:	752139
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.7	40.1
141	57.0	48.8	73.2

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#62

4-Nitroaniline

Concen: 28.276 ng

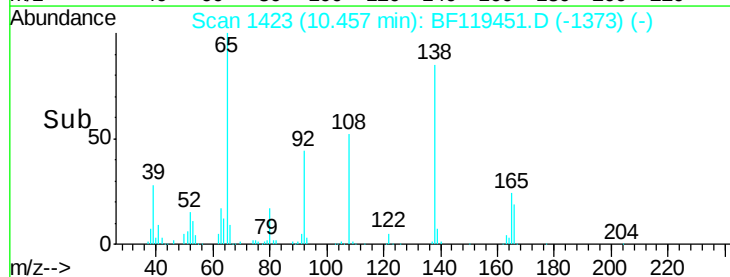
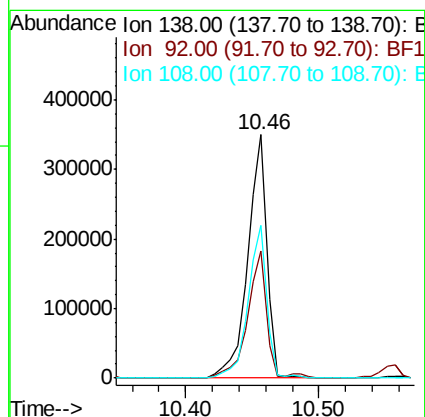
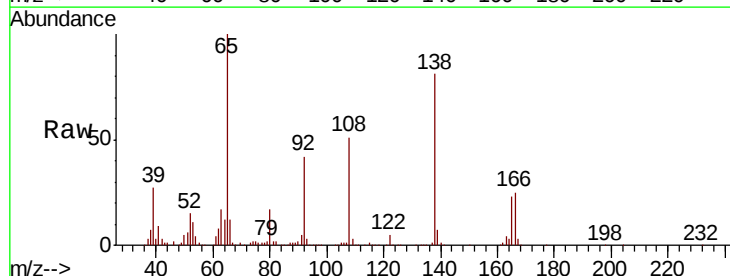
RT: 10.46 min Scan# 1423

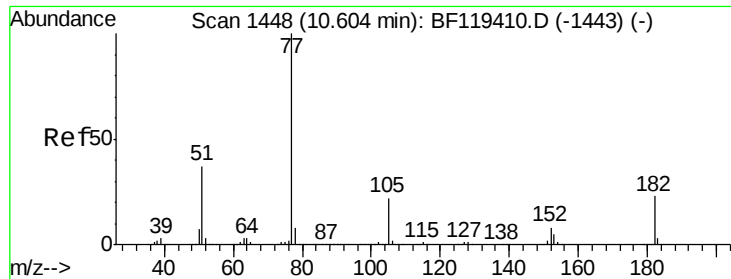
Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Tgt Ion:	138	Resp:	342172
Ion Ratio	Lower	Upper	
138	100		
92	52.1	32.0	72.0
108	62.5	46.0	86.0





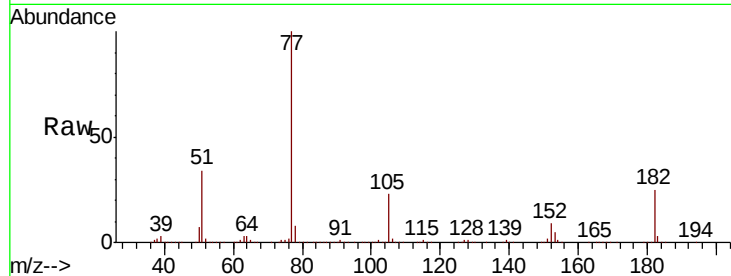
#63
Azobenzene
Concen: 34.894 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	2.5	42.5
105	23.3	2.5	42.5
51	34.5	17.1	57.1

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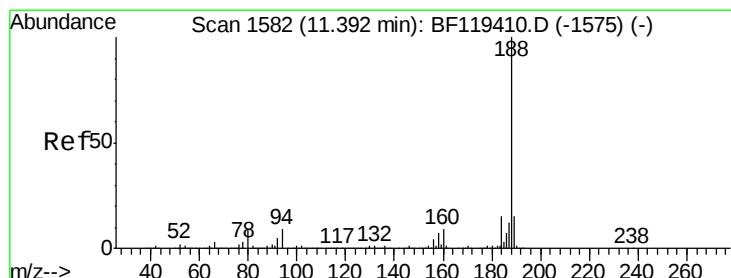
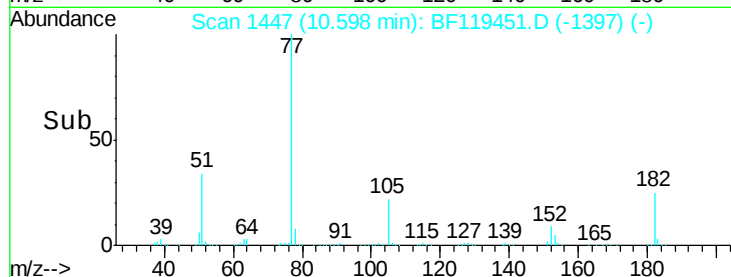
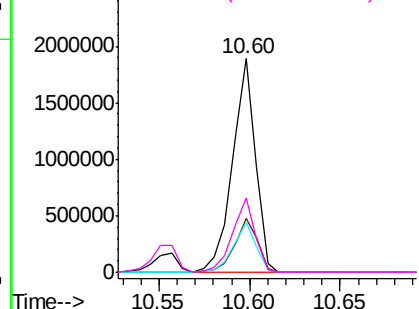
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

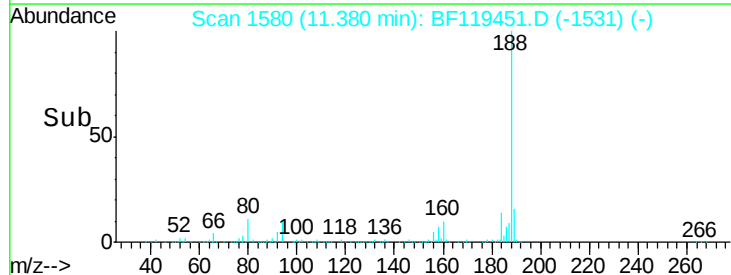
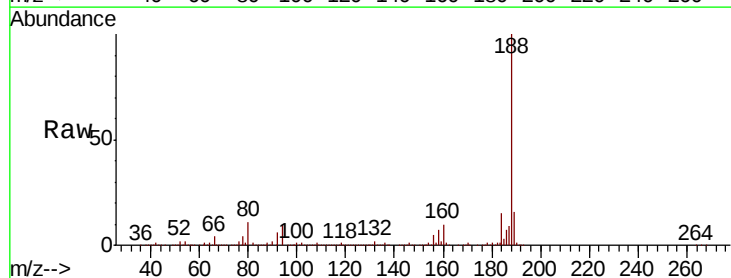
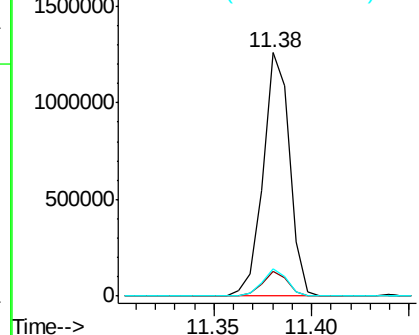
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.1	10.7
80	11.2	7.5	11.3

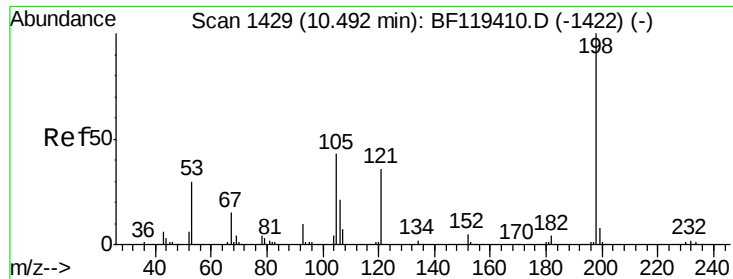
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.273 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

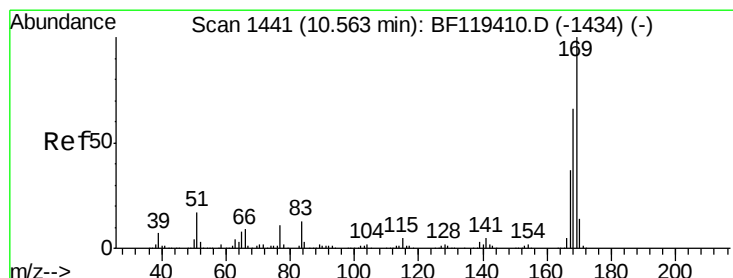
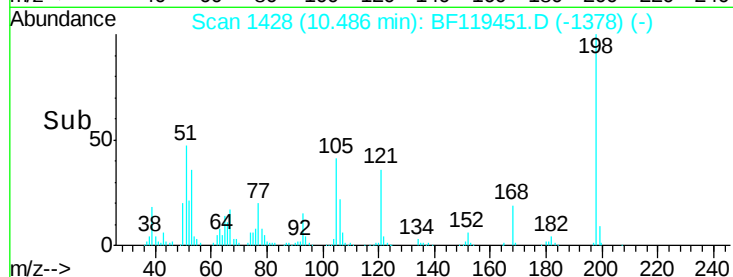
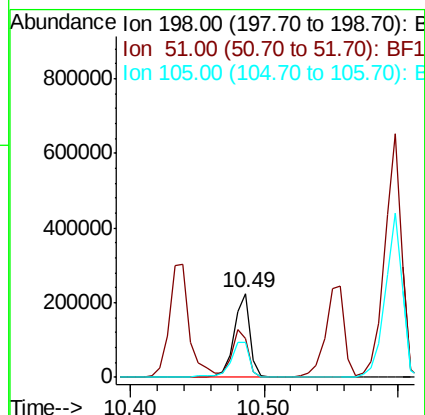
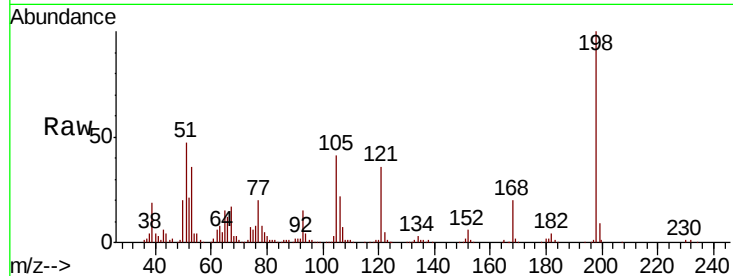
ClientSampleId :

TP-11AMSD

Tot Ion:	198	Resp:	189425
Ion Ratio	Lower	Upper	
198	100		
51	46.8	33.1	73.1
105	41.5	24.1	64.1

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#66

n-Nitrosodiphenylamine

Concen: 36.976 ng

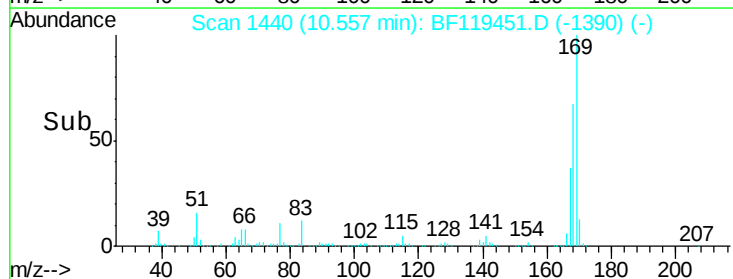
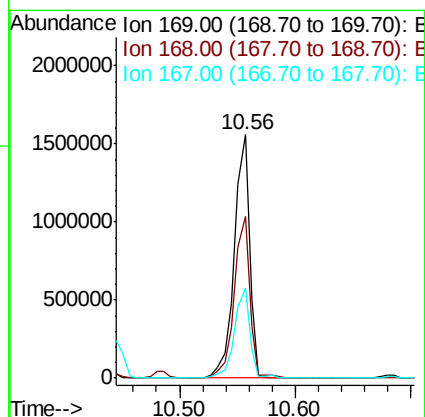
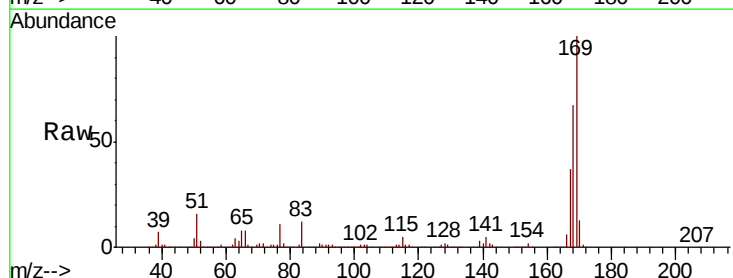
RT: 10.56 min Scan# 1440

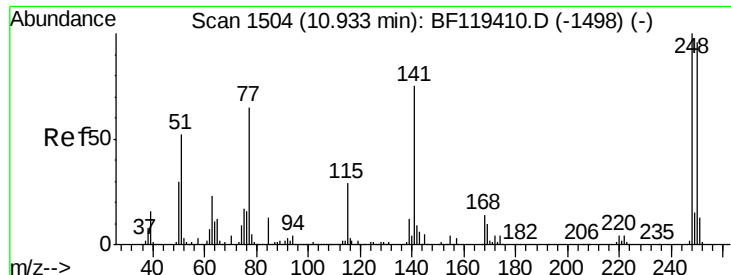
Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Tgt Ion:	169	Resp:	1432719
Ion Ratio	Lower	Upper	
169	100		
168	66.5	52.7	79.1
167	37.0	29.3	43.9





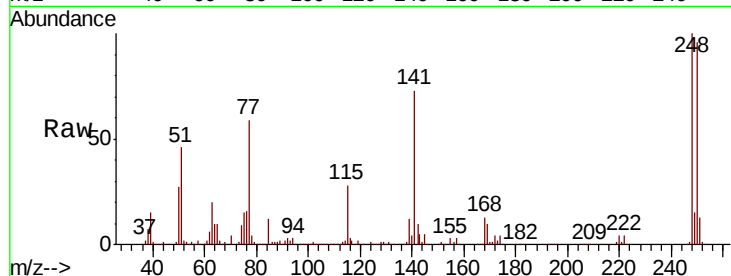
#67
4-Bromophenyl-phenylether
Concen: 35.998 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.0	115.6
141	72.6	59.7	89.5

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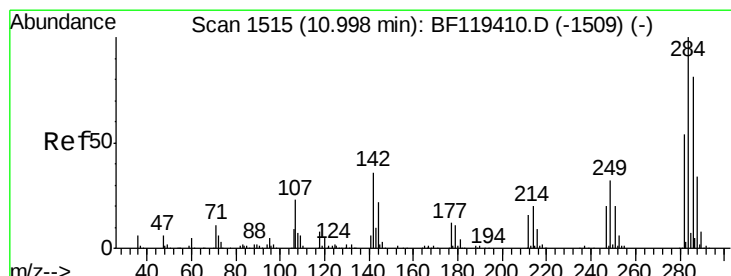
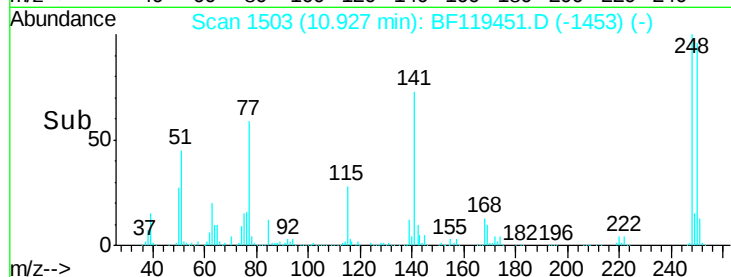
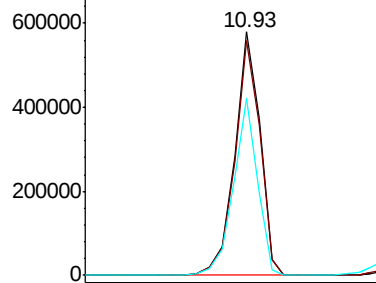


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.884 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

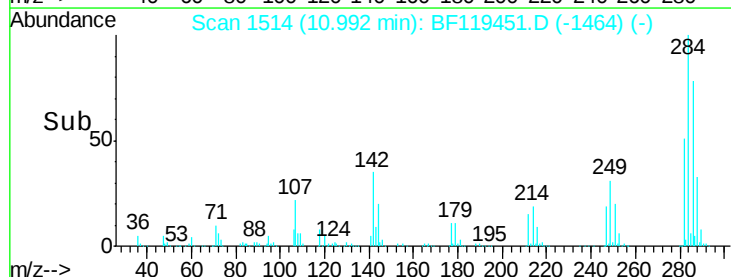
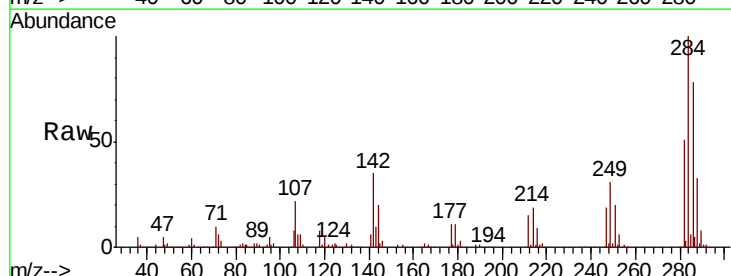
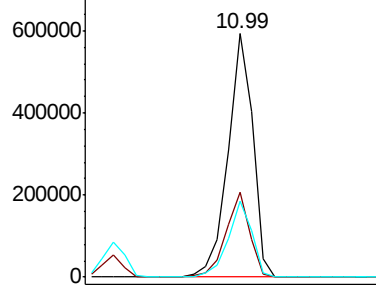
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.7	43.1
249	31.2	25.4	38.0

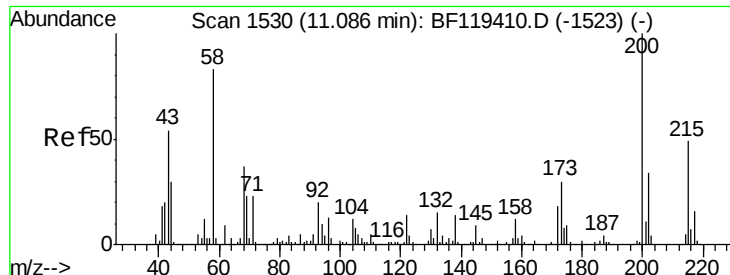
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





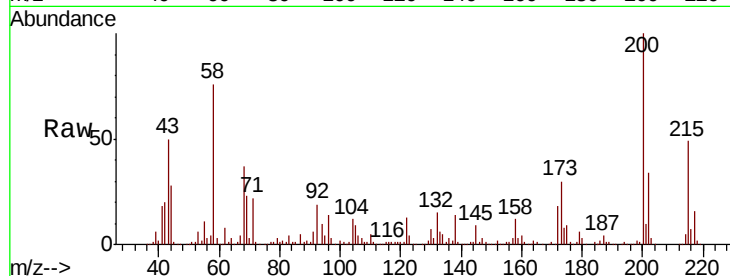
#69
Atrazine
Concen: 39.025 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	414548		
173	30.2	9.9	49.9	
215	48.8	29.4	69.4	

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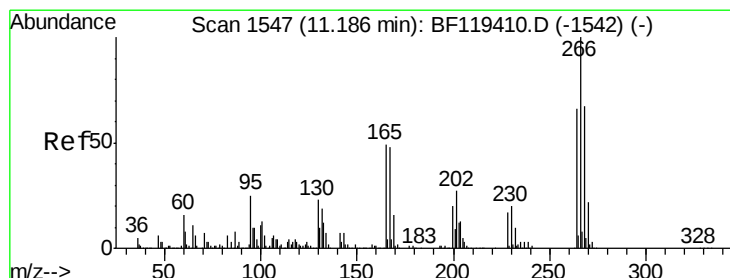
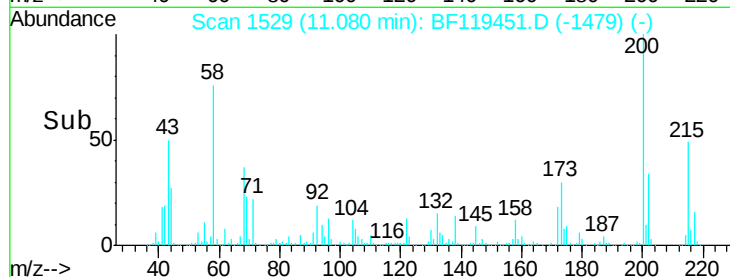
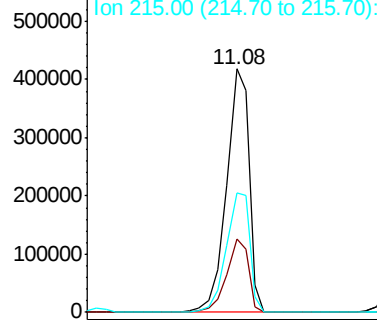


Abundance

Ion 200.00 (199.70 to 200.70): E

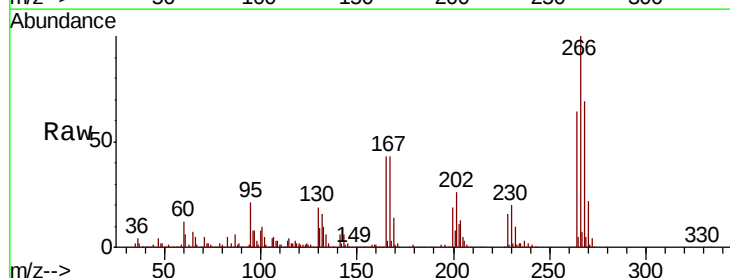
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 67.841 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	547268		
268	69.3	53.7	80.5	
264	63.8	52.5	78.7	

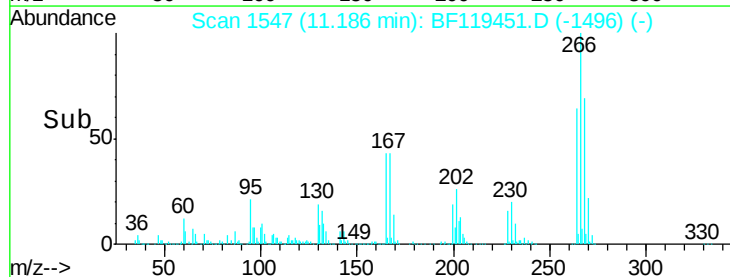
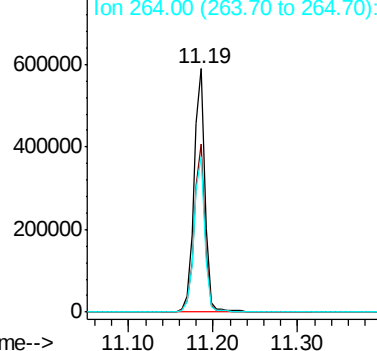


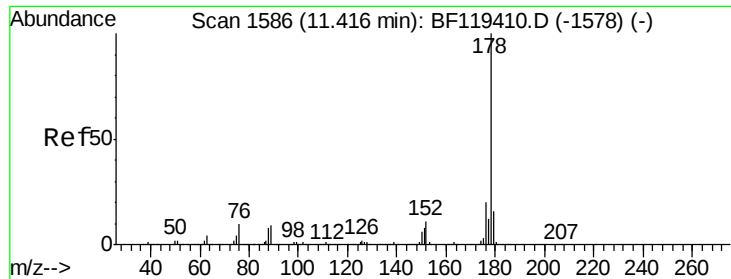
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.538 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampled :

TP-11AMSD

Tot Ion:178 Resp: 2236208

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

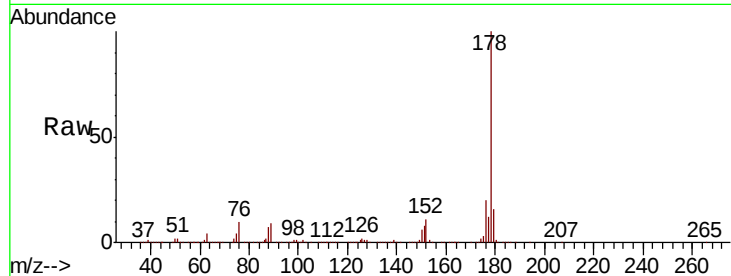
179 16.1 12.9 19.3

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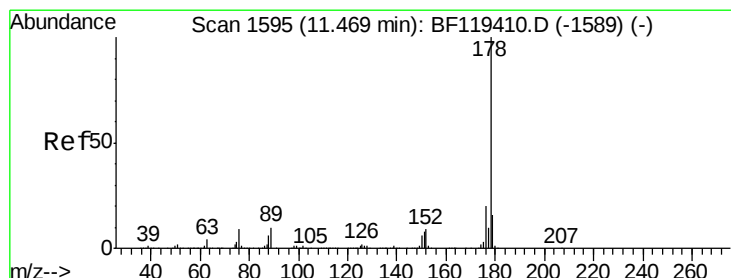
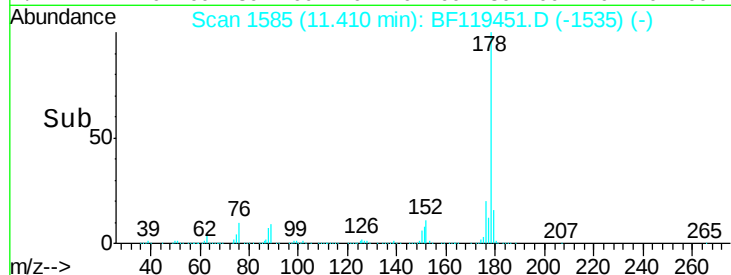
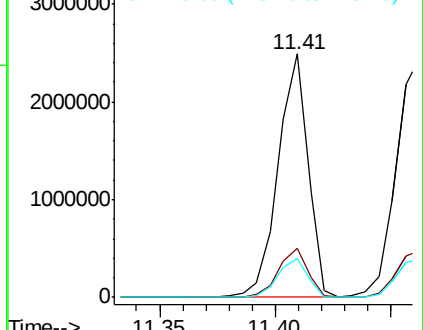
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.825 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Tgt Ion:178 Resp: 2290562

Ion Ratio Lower Upper

178 100

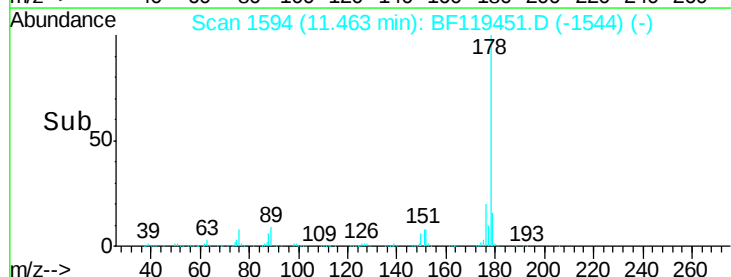
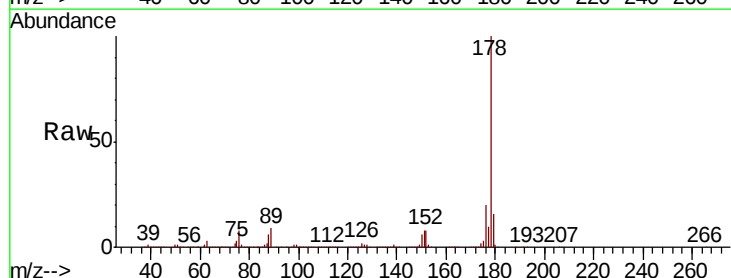
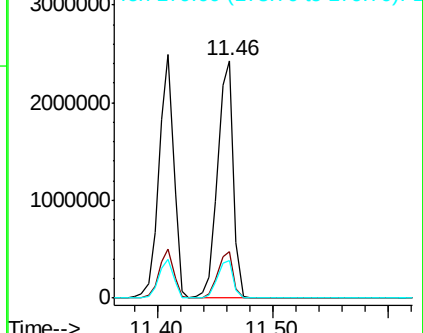
176 19.5 15.6 23.4

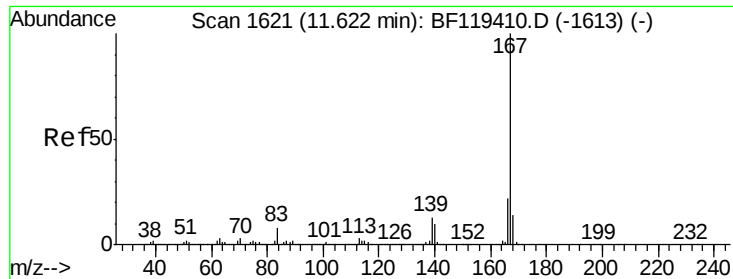
179 15.7 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 33.297 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

Tot Ion:167 Resp: 2050003

Ion Ratio Lower Upper

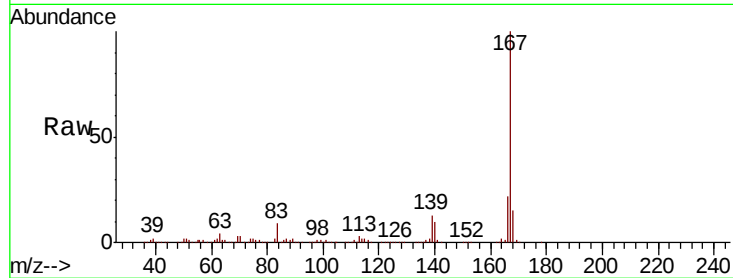
167 100

166 22.3 17.8 26.6

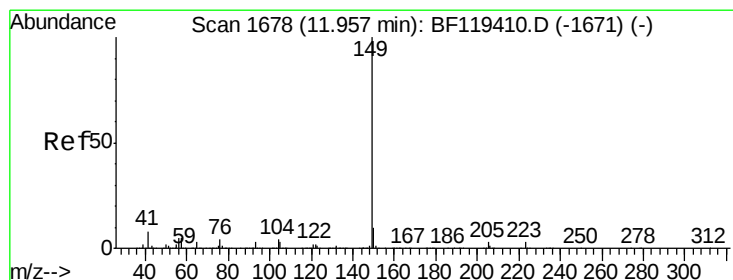
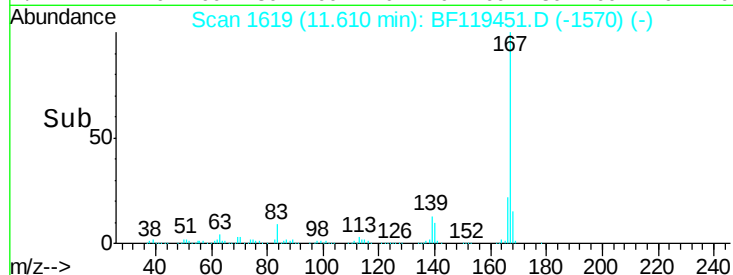
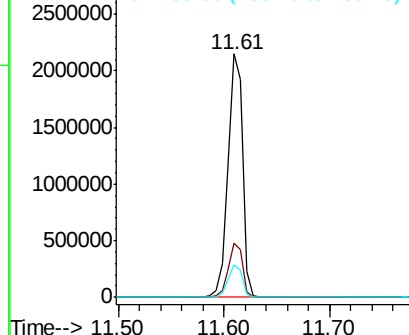
139 13.4 10.2 15.4

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.396 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

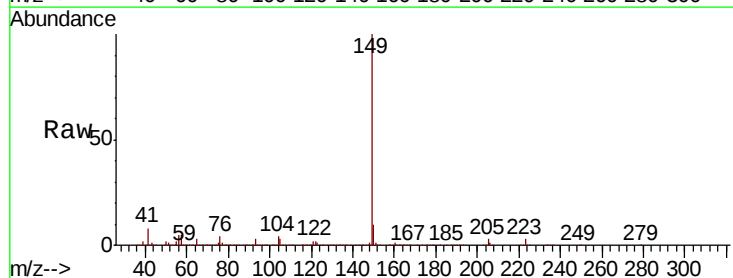
Tgt Ion:149 Resp: 2528804

Ion Ratio Lower Upper

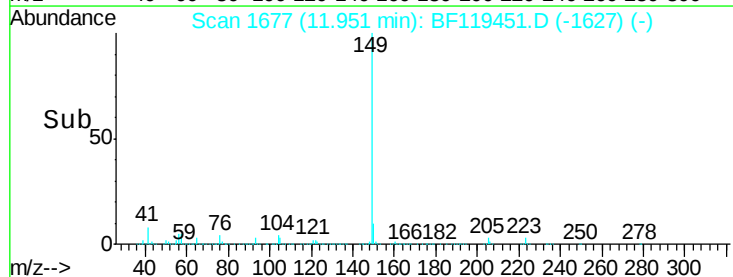
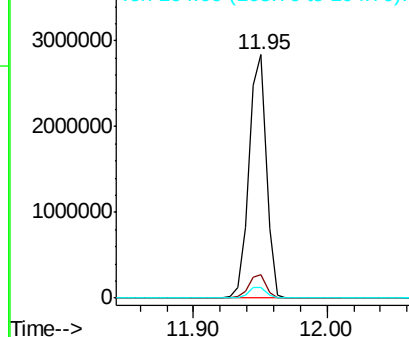
149 100

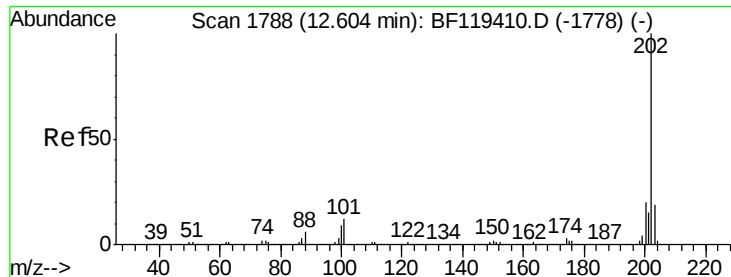
150 9.7 7.6 11.4

104 4.5 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 34.747 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

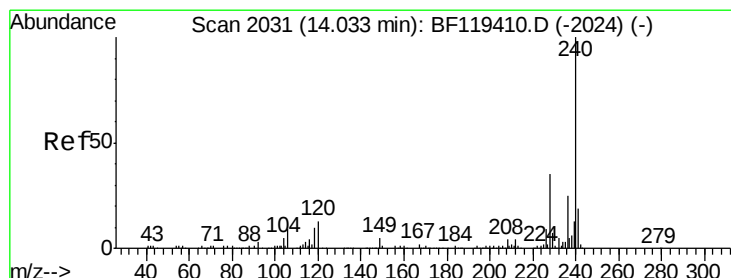
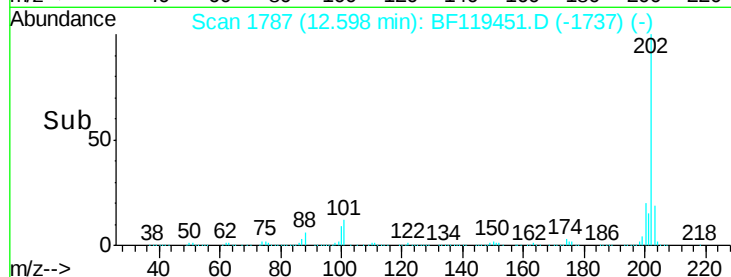
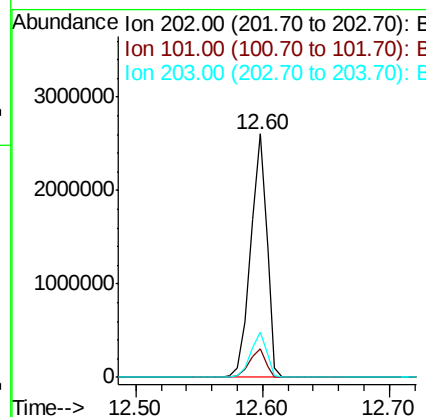
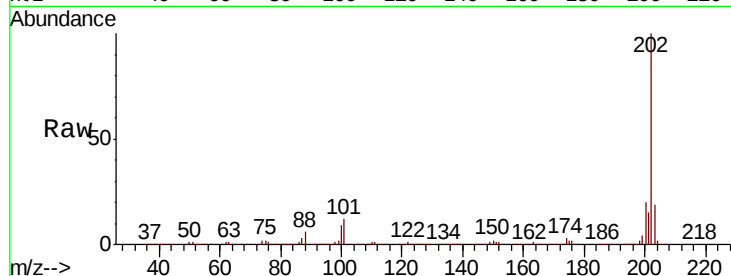
ClientSampleId :

TP-11AMSD

Tot Ion:	202	Resp:	2301447
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	32.4
203	18.7	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

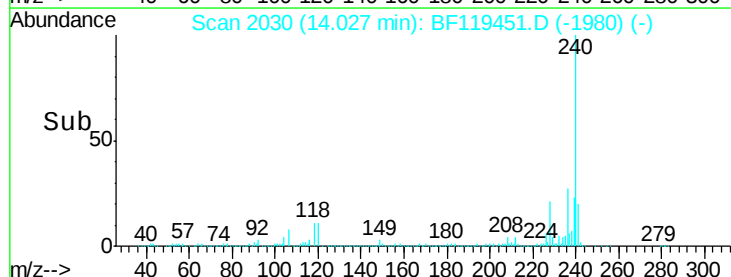
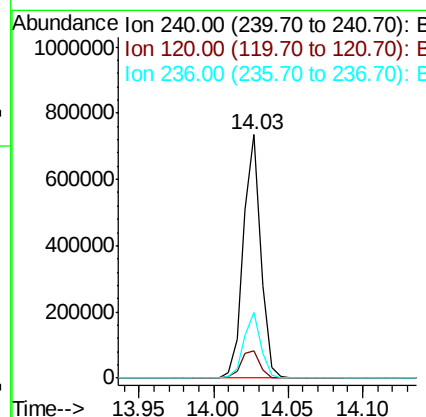
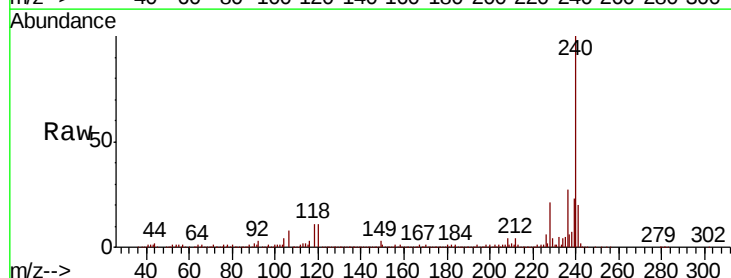
RT: 14.03 min Scan# 2030

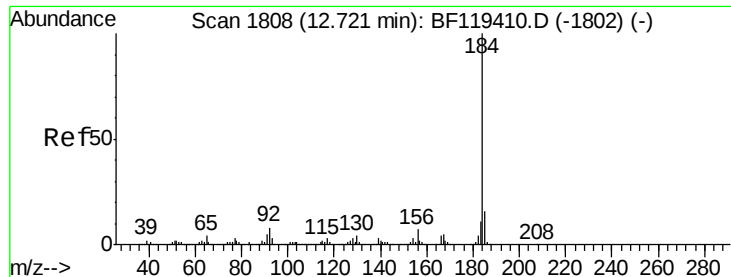
Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Tgt Ion:	240	Resp:	601642
Ion Ratio	Lower	Upper	
240	100		
120	11.3	10.2	15.4
236	26.8	20.4	30.6





#77

Benzidine

Concen: 29.249 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

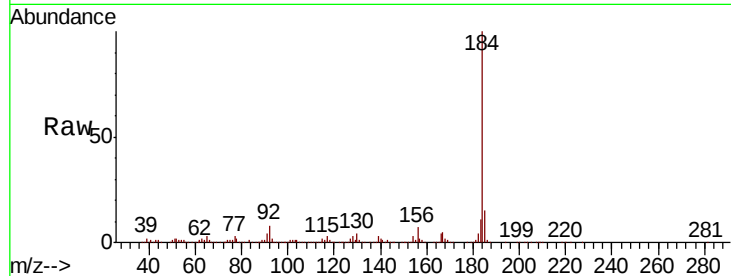
ClientSampleId :

TP-11AMSD

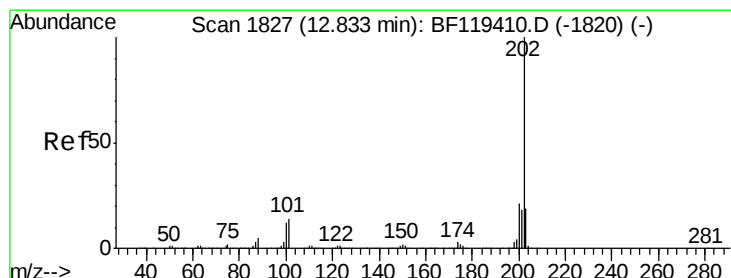
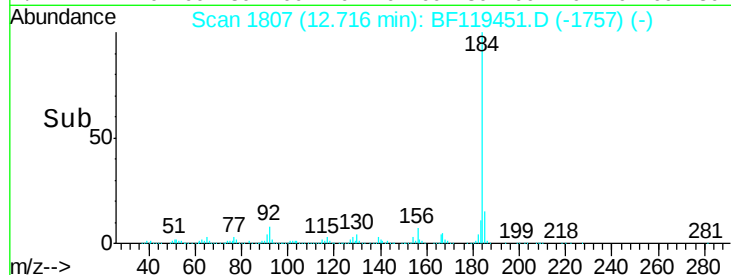
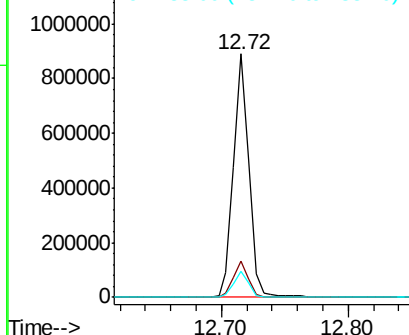
Tot Ion:	184	Resp:	744739
Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.9	19.3
183	10.6	9.0	13.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.352 ng

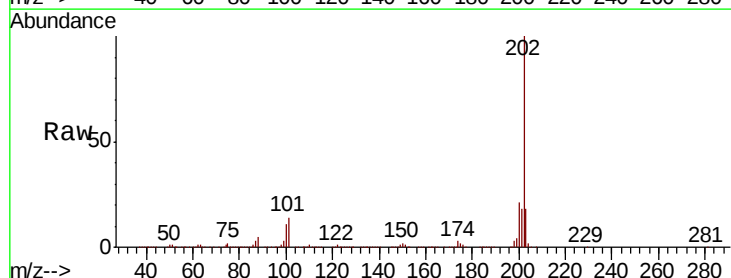
RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

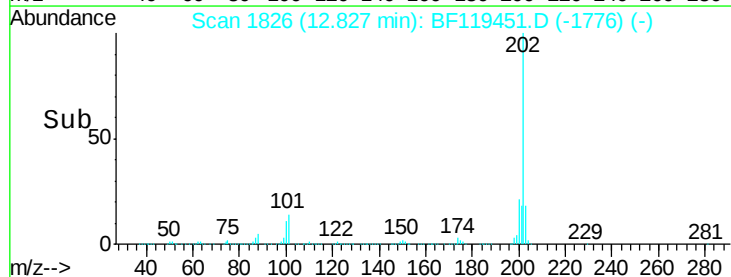
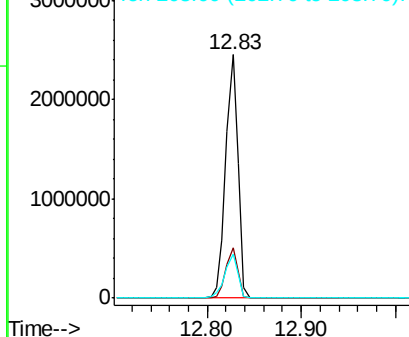
Lab File: BF119451.D

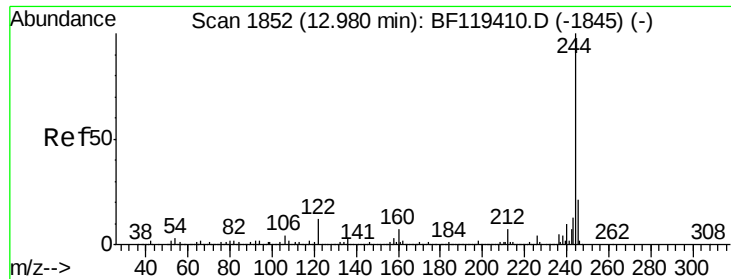
Acq: 19 Mar 2020 21:24

Tgt Ion:	202	Resp:	2239328
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	18.3	14.8	22.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





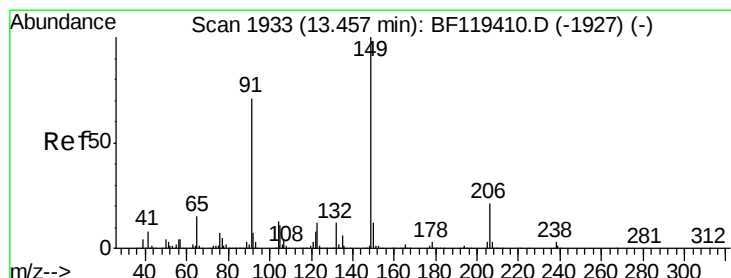
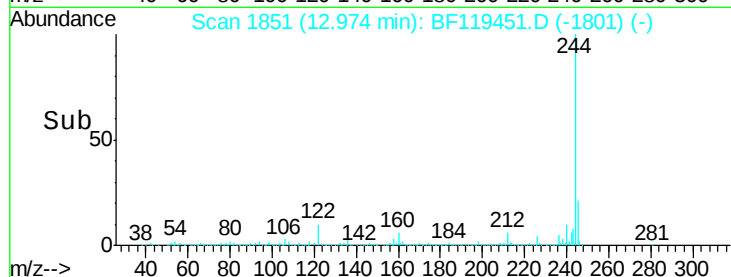
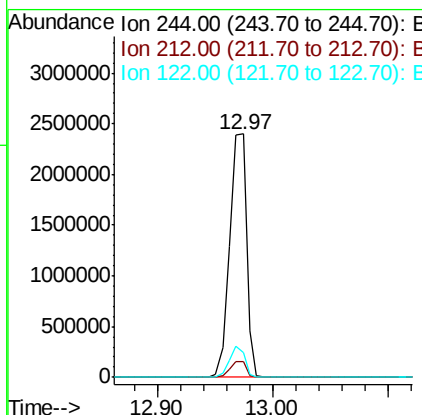
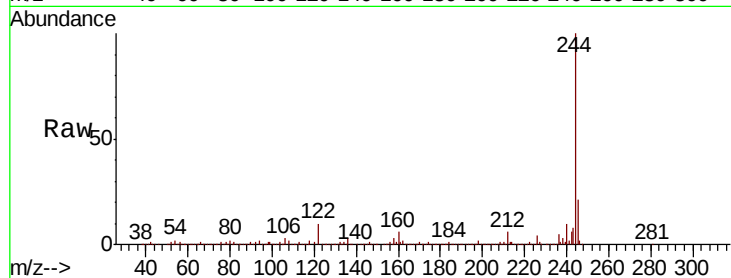
#79
 Terphenyl-d14
 Concen: 79.546 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

Tot Ion:244 Resp: 2442725
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.7 8.5
 122 10.1 9.8 14.8

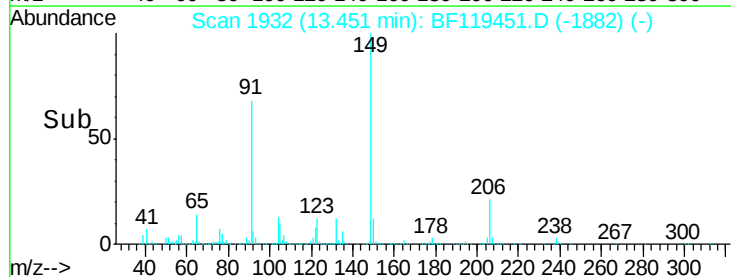
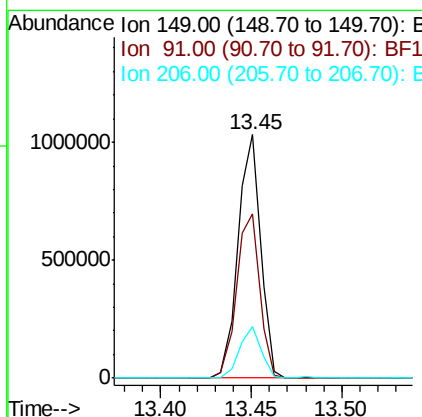
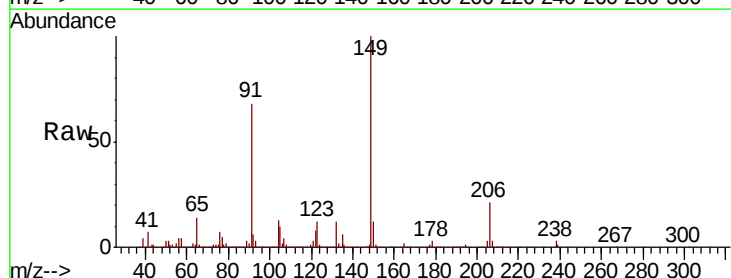
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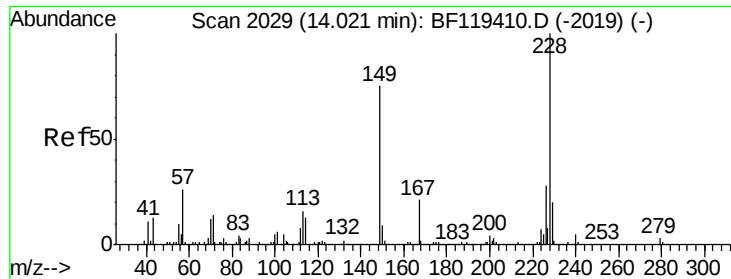
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#80
 Butylbenzylphthalate
 Concen: 44.684 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:149 Resp: 892356
 Ion Ratio Lower Upper
 149 100
 91 67.6 57.0 85.6
 206 21.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.512 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

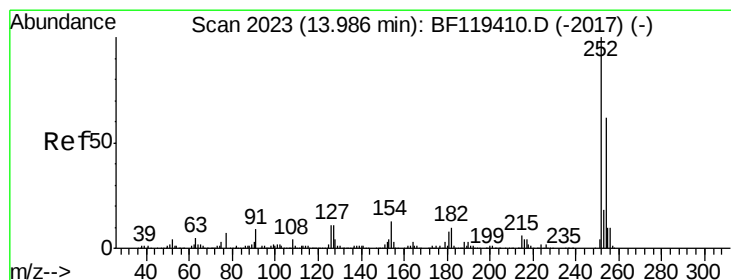
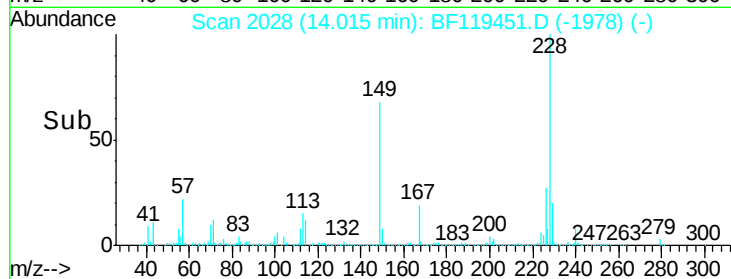
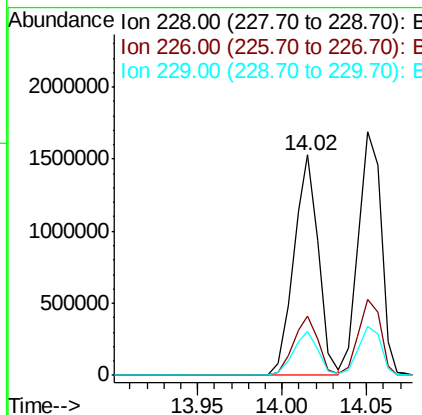
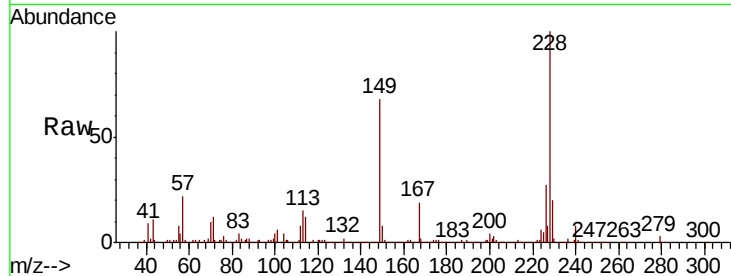
ClientSampleId :

TP-11AMSD

Tot Ion:	228	Resp:	1545872
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.3	33.5
229	20.2	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 22.395 ng

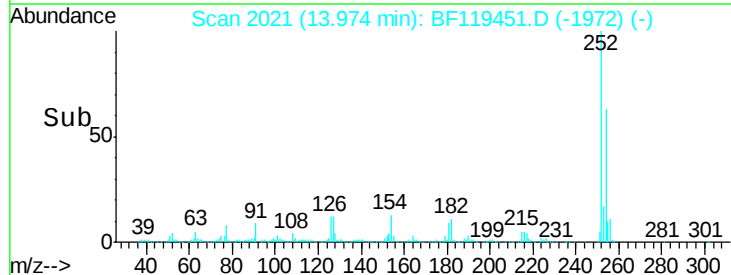
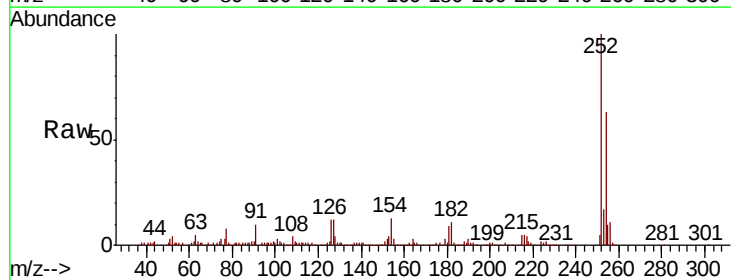
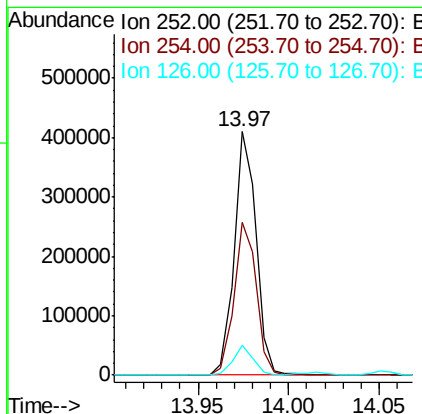
RT: 13.97 min Scan# 2021

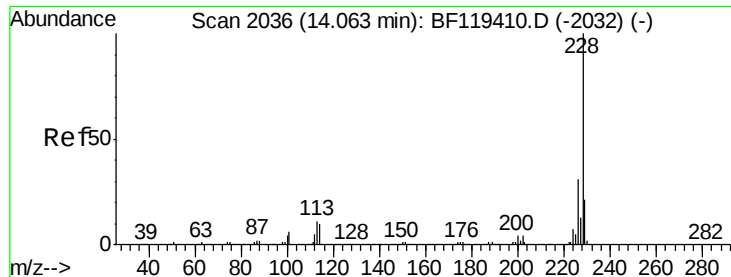
Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Tgt Ion:	252	Resp:	345472
Ion	Ratio	Lower	Upper
252	100		
254	62.9	49.8	74.8
126	12.2	8.9	13.3





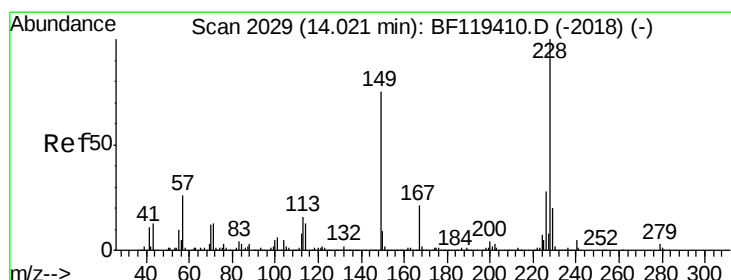
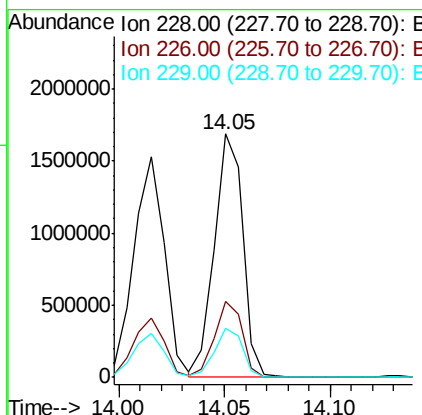
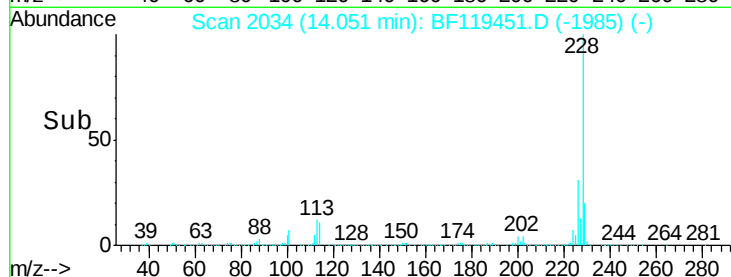
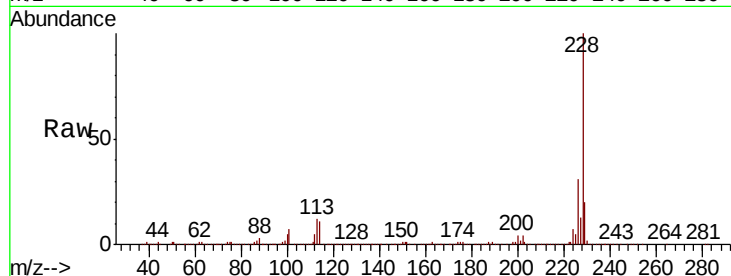
#83
Chrysene
Concen: 39.090 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion:228 Resp: 1578362
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 20.3 16.6 25.0

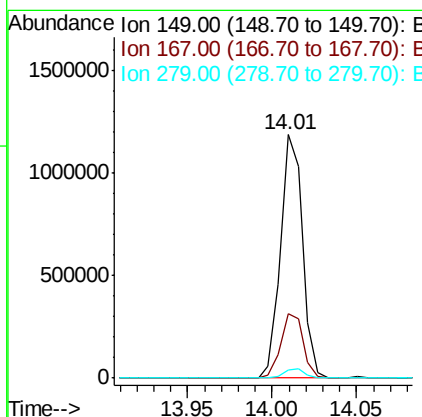
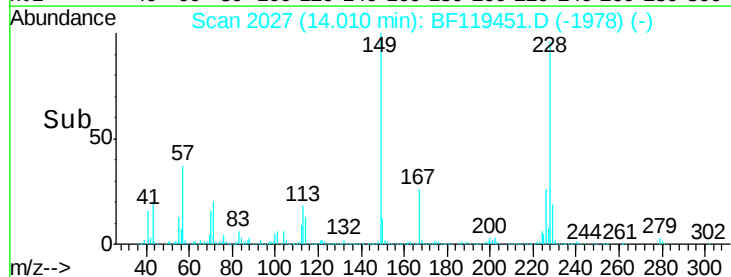
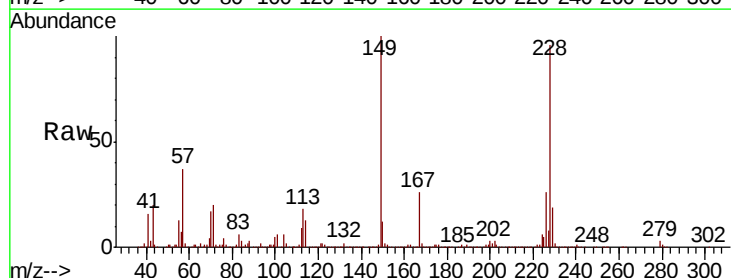
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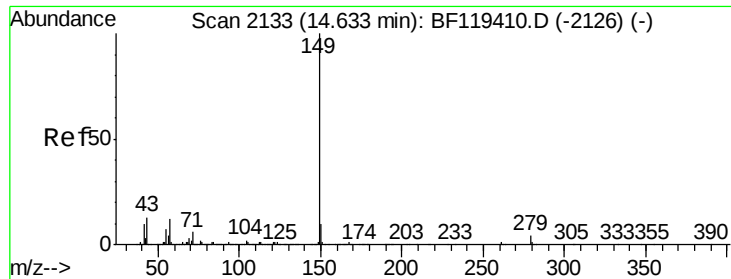
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.119 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion:149 Resp: 1074122
Ion Ratio Lower Upper
149 100
167 26.4 22.0 33.0
279 3.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 42.450 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

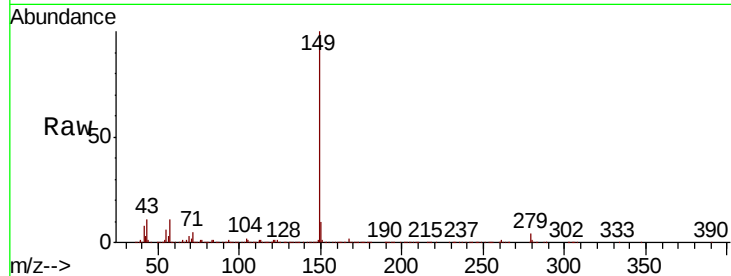
ClientSampleId :

TP-11AMSD

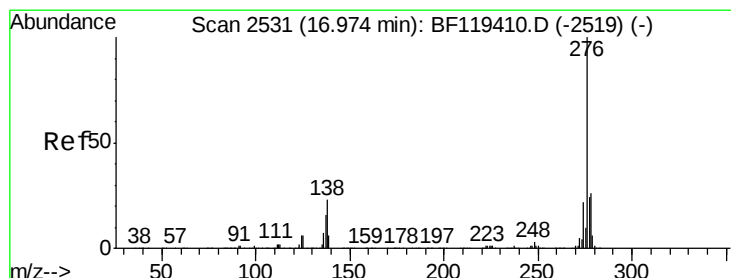
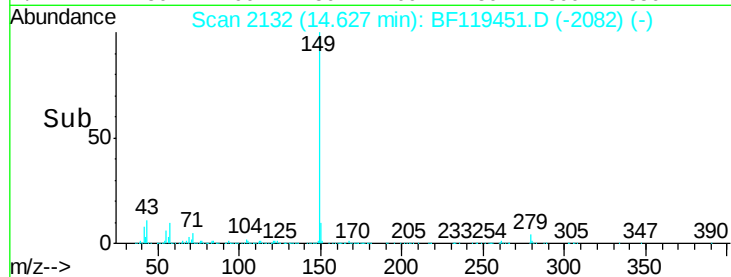
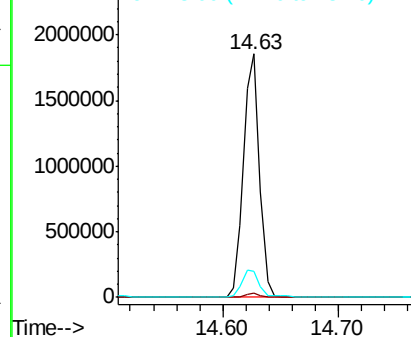
Tot Ion:	149	Resp:	1777314
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.2	10.1	15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
2500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.839 ng

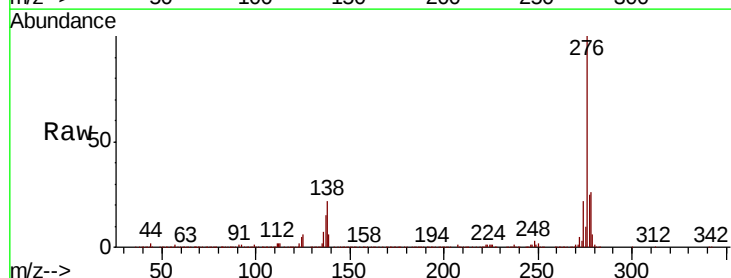
RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

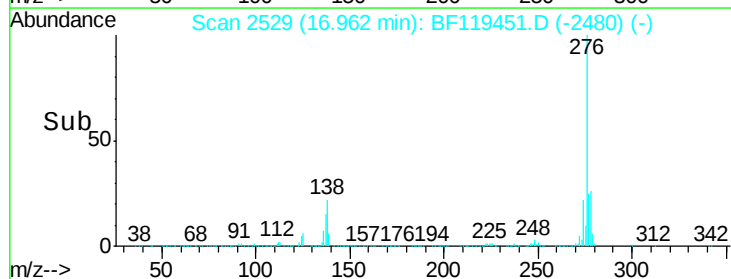
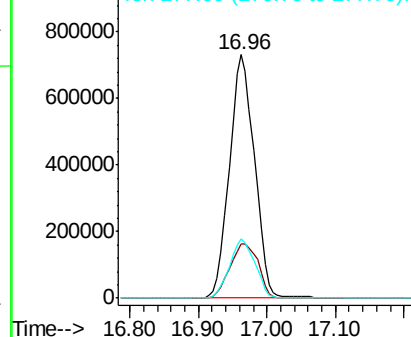
Lab File: BF119451.D

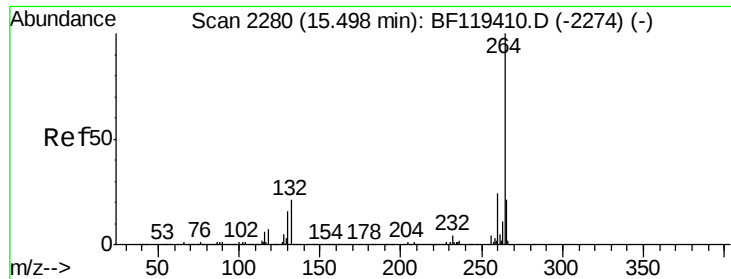
Acq: 19 Mar 2020 21:24

Tgt Ion:	276	Resp:	1857216
Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.3	31.9
277	24.9	20.2	30.2



Abundance Ion 276.00 (275.70 to 276.70): E
1000000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





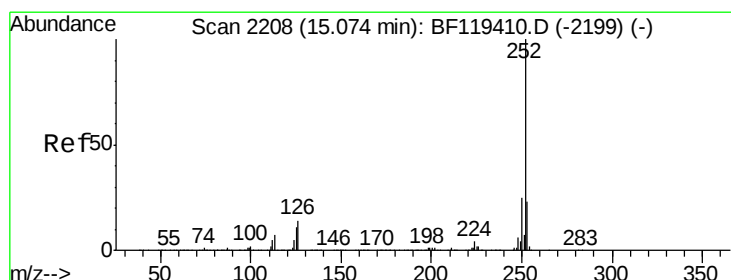
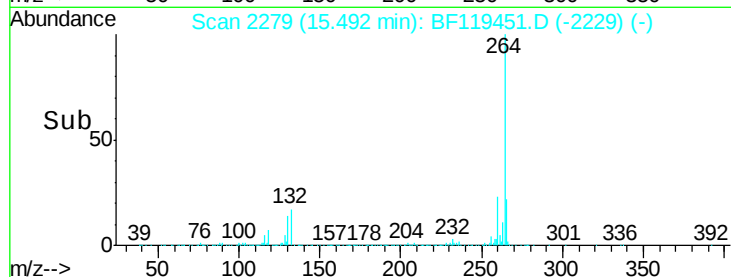
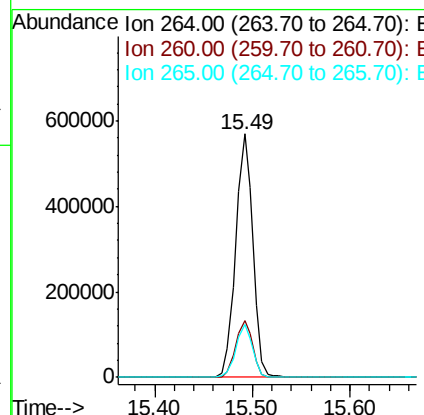
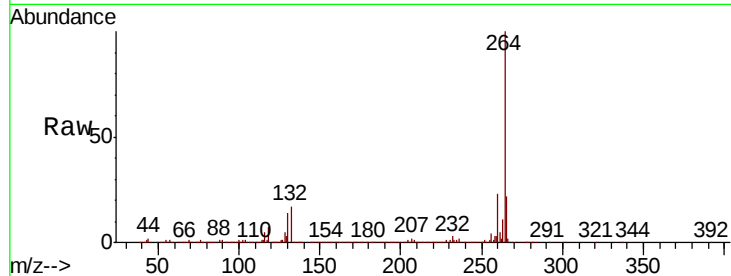
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	16.9	25.3

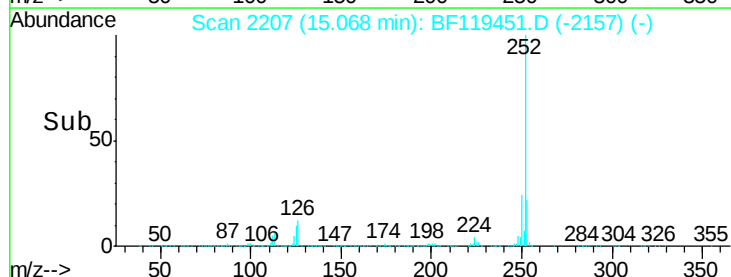
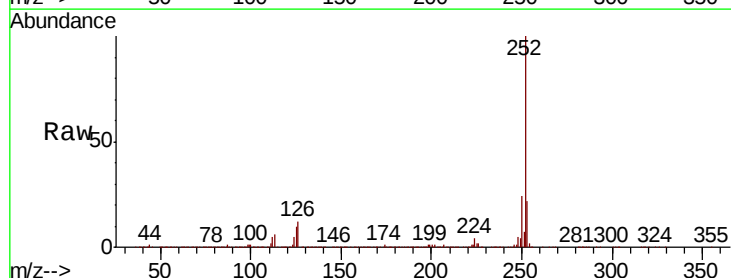
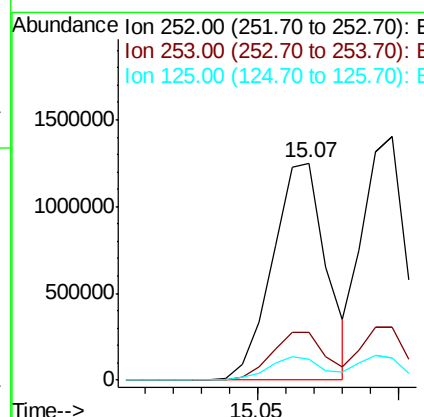
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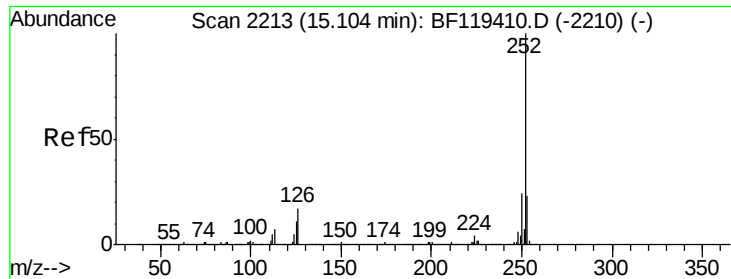
mohammad
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#88
Benzo(b)fluoranthene
Concen: 35.594 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	9.7	8.8	13.2





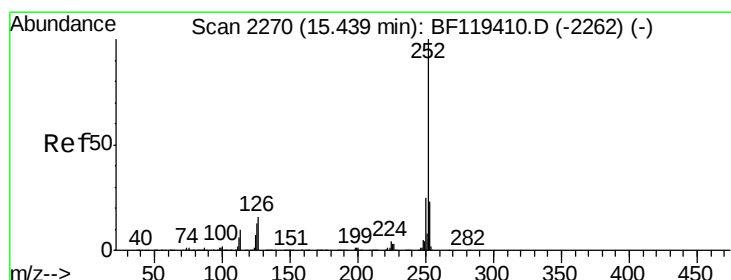
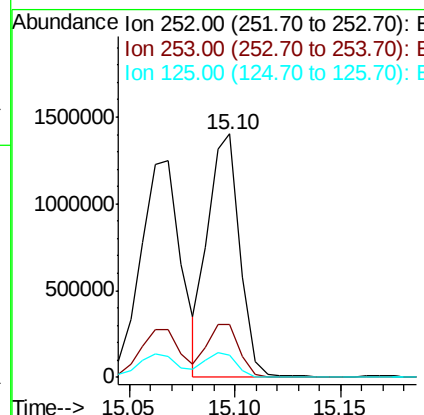
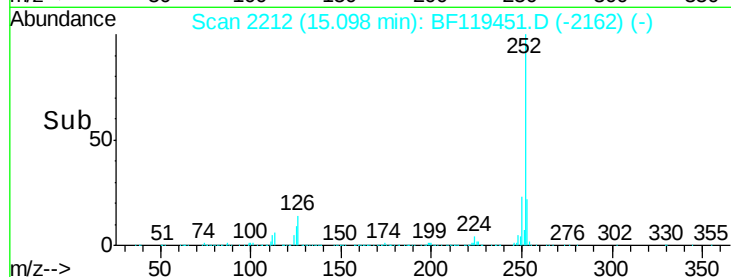
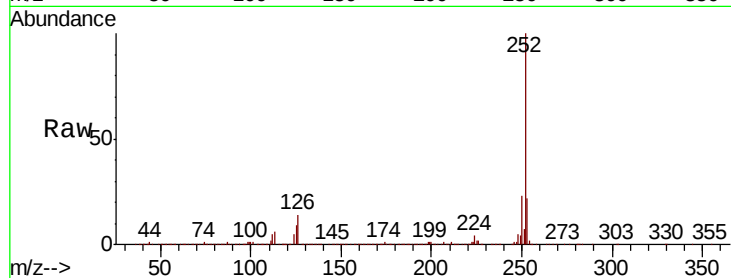
#89
Benzo(k)fluoranthene
Concen: 33.111 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tot Ion:252 Resp: 1464362
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.3 9.0 13.4

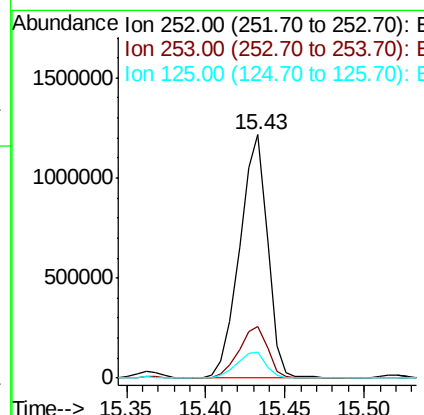
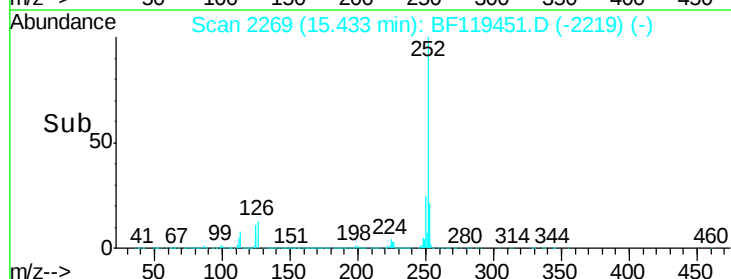
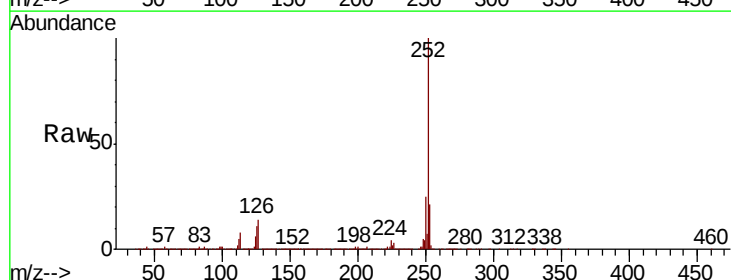
Manual Integrations
APPROVED

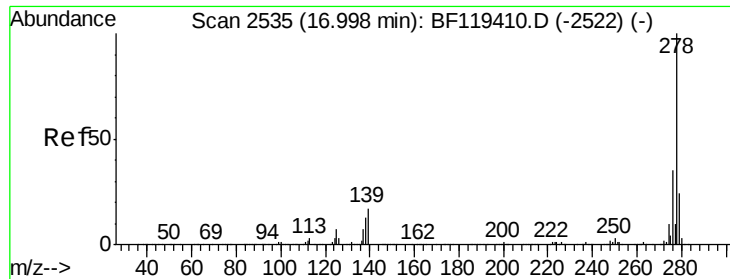
mohammad
3/20/2020 11:47:27 AM



#90
Benzo(a)pyrene
Concen: 35.082 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion:252 Resp: 1480780
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 10.6 10.2 15.2





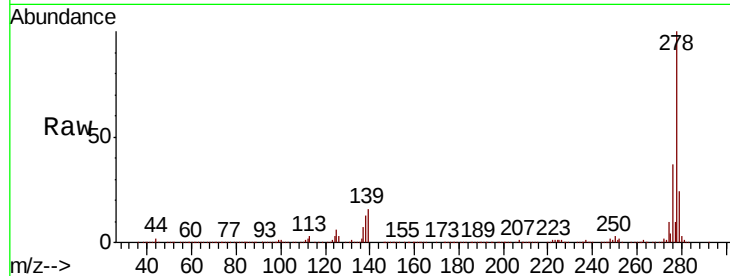
#91
Dibenzo(a,h)anthracene
Concen: 40.810 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

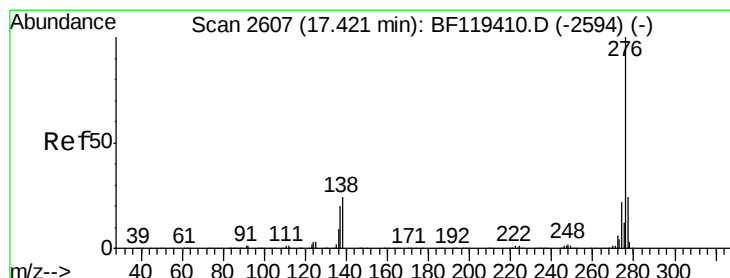
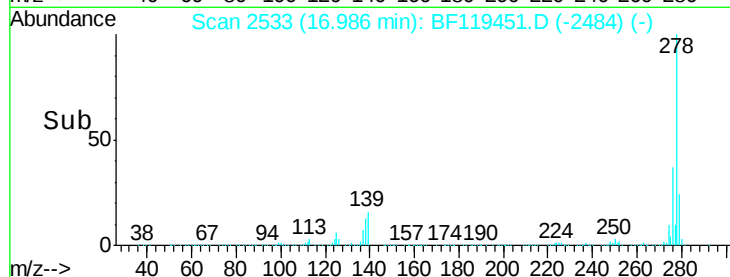
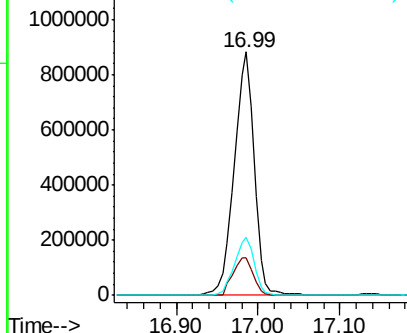
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.7	20.5
279	23.7	19.2	28.8

Manual Integrations
APPROVED

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.922 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	23.4	19.1	28.7

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

