

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119450.D
 Acq On : 19 Mar 2020 20:55
 Operator : CG/JU
 Sample : L1954-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMS

Manual Integrations
 APPROVED

mohammad
 3/20/2020 11:47:25 AM

Quant Time: Mar 20 04:32:11 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	340182	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1295579	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	652485	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1187713	20.00	ng	0.00
76) Chrysene-d12	14.03	240	593344	20.00	ng	0.00
87) Perylene-d12	15.49	264	689104	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2219753	103.87	ng	0.01
7) Phenol-d6	6.47	99	2919336	106.94	ng	0.00
23) Nitrobenzene-d5	7.42	82	1767352	74.14	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	729832	108.42	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3145374	71.42	ng	0.00
79) Terphenyl-d14	12.97	244	2822051	93.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	386734	36.643	ng	99
3) Pyridine	3.42	79	963064	33.122	ng	99
4) n-Nitrosodimethylamine	3.37	42	575464	40.585	ng	96
6) Aniline	6.51	93	576543	15.303	ng	98
8) 2-Chlorophenol	6.63	128	1049205	46.748	ng	99
9) Benzaldehyde	6.40	77	670900	38.742	ng	99
10) Phenol	6.49	94	1346295	46.221	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	1001334	42.983	ng	99
12) 1,3-Dichlorobenzene	6.79	146	1049383	43.200	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1055562	43.444	ng	99
14) 1,2-Dichlorobenzene	7.02	146	984935	43.369	ng	99
15) Benzyl Alcohol	6.99	79	900926	43.875	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1892650	40.278	ng	98
17) 2-Methylphenol	7.10	107	856831	41.667	ng	99
18) Hexachloroethane	7.37	117	400745	45.006	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	708387	43.053	ng	99
20) 3+4-Methylphenols	7.25	107	1021685	40.540	ng	88
22) Acetophenone	7.26	105	1344237	43.422	ng	99
24) Nitrobenzene	7.43	77	1055670	41.438	ng	98
25) Isophorone	7.67	82	1995089	41.257	ng	99
26) 2-Nitrophenol	7.75	139	516922	51.533	ng	97
27) 2,4-Dimethylphenol	7.79	122	956850	46.132	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1248103	43.647	ng	99
29) 2,4-Dichlorophenol	7.99	162	832494	43.682	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	905348	42.956	ng	100
31) Naphthalene	8.16	128	2856081	42.838	ng	99
32) Benzoic acid	7.91	122	616793	46.229	ng	98
33) 4-Chloroaniline	8.20	127	198386	6.494	ng	96
34) Hexachlorobutadiene	8.28	225	507410	43.029	ng	100
35) Caprolactam	8.58	113	252585m	40.496	ng	
36) 4-Chloro-3-methylphenol	8.69	107	889783	42.717	ng	99
37) 2-Methylnaphthalene	8.85	142	1916009	43.788	ng	100
38) 1-Methylnaphthalene	8.95	142	1803301	43.541	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	808761	42.288	ng	99

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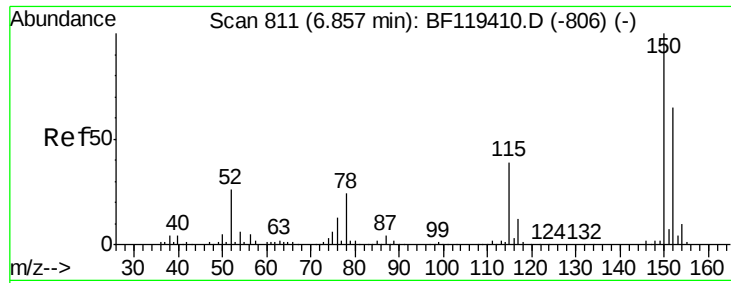
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	879069	80.851	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	622609	45.492	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	613763	40.032	nq	96
46) 1,1'-Biphenyl	9.32	154	2215832	41.697	nq	100
47) 2-Chloronaphthalene	9.35	162	1745374	41.930	nq	97
48) 2-Nitroaniline	9.43	65	618817	43.069	nq	98
49) Acenaphthylene	9.76	152	2760777	42.234	nq	100
50) Dimethylphthalate	9.62	163	2180797	47.054	nq	99
51) 2,6-Dinitrotoluene	9.68	165	444755	44.771	nq #	85
52) Acenaphthene	9.93	154	1798753	44.139	nq	99
53) 3-Nitroaniline	9.84	138	171145	13.646	nq	99
54) 2,4-Dinitrophenol	9.95	184	310966	73.039	nq	91
55) Dibenzofuran	10.10	168	2468098	42.242	nq	99
56) 4-Nitrophenol	10.00	139	773192	78.150	nq	91
57) 2,4-Dinitrotoluene	10.08	165	586076	46.833	nq	88
58) Fluorene	10.45	166	1825820	42.258	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	509886	44.492	nq	99
60) Diethylphthalate	10.32	149	1997908	42.474	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	881769	41.733	nq	98
62) 4-Nitroaniline	10.46	138	418606	34.807	nq	98
63) Azobenzene	10.60	77	1961663	41.413	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	230192	46.220	nq	89
66) n-Nitrosodiphenylamine	10.56	169	1709146	43.835	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	568275	42.012	nq #	91
68) Hexachlorobenzene	11.00	284	607706	43.896	nq #	91
69) Atrazine	11.09	200	482968	45.182	nq	99
70) Pentachlorophenol	11.19	266	642274	79.122	nq	99
71) Phenanthrene	11.41	178	2635702	42.797	nq	99
72) Anthracene	11.46	178	2667469	42.616	nq	99
73) Carbazole	11.62	167	2394117	38.643	nq	99
74) Di-n-butylphthalate	11.95	149	2918294	44.033	nq	98
75) Fluoranthene	12.60	202	2682341	40.245	nq	99
77) Benzidine	12.72	184	859678	34.236	nq	98
78) Pyrene	12.83	202	2592307	53.235	nq	99
80) Butylbenzylphthalate	13.45	149	1042714	52.943	nq	98
81) Benzo(a)anthracene	14.02	228	1814873	47.037	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	375985	24.714	nq	95
83) Chrysene	14.06	228	1839735	46.201	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1230347	52.404	nq	99
85) Di-n-octyl phthalate	14.63	149	2052776	49.715	nq	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	2232287	59.523	nq	99
88) Benzo(b)fluoranthene	15.07	252	1876694	40.769	nq	100
89) Benzo(k)fluoranthene	15.10	252	1771648	40.419	nq	99
90) Benzo(a)pyrene	15.43	252	1743858	41.686	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	1818035	49.686	nq	99
92) Benzo(g,h,i)perylene	17.42	276	1921379	52.269	nq	98

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



#1

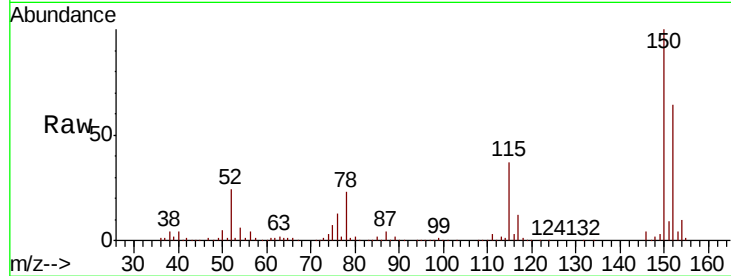
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.9	185.9
115	58.0	47.8	71.6

Manual Integrations
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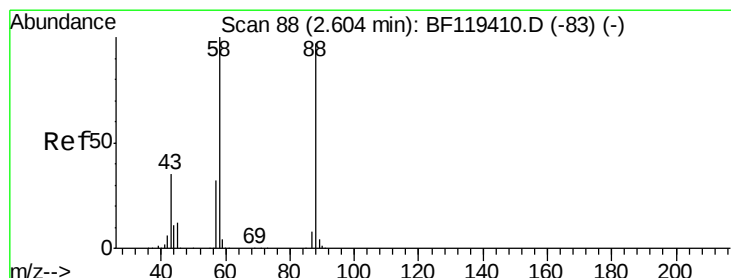
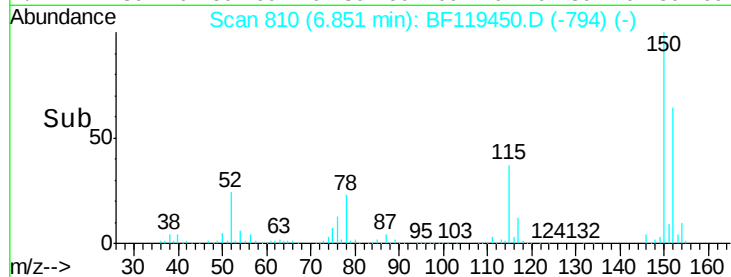
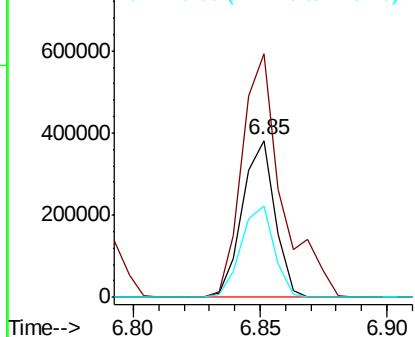


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

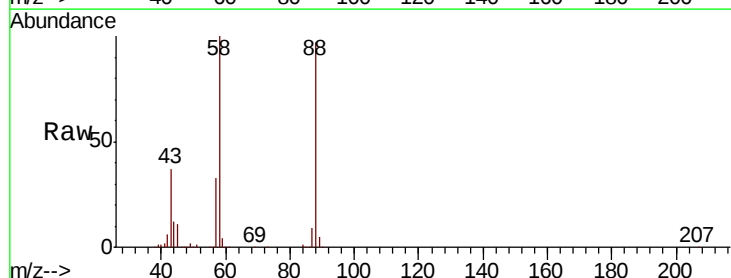
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.643 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.07 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.1	79.4	119.2
43	35.1	28.4	42.6

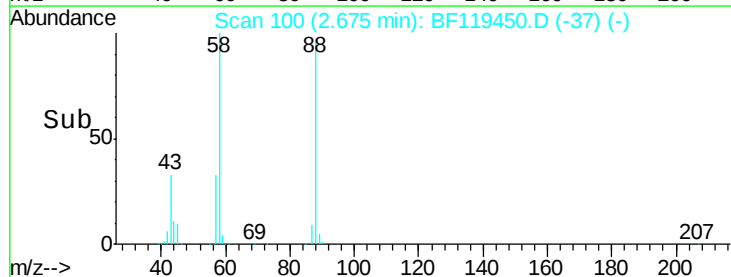
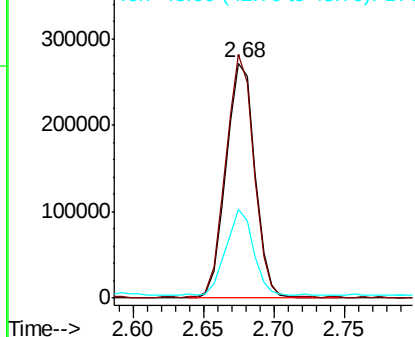


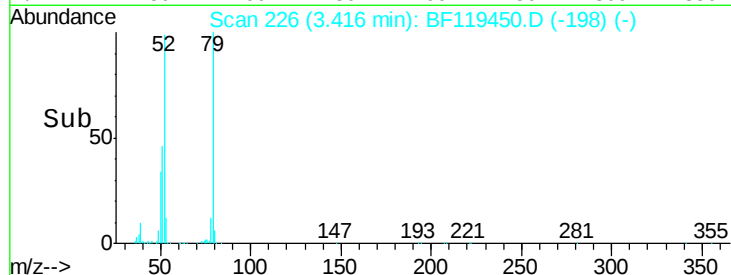
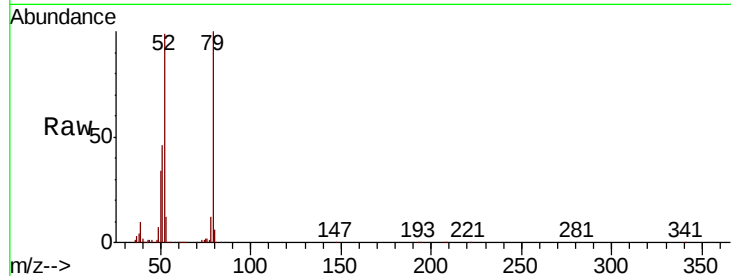
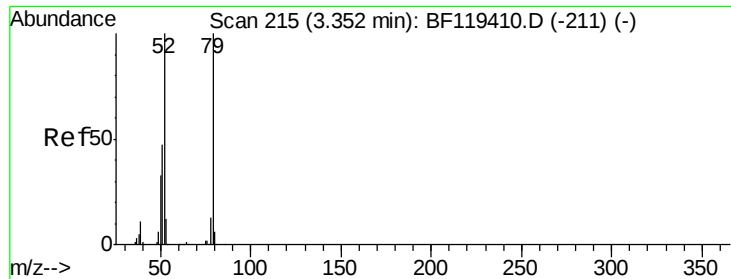
Abundance

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





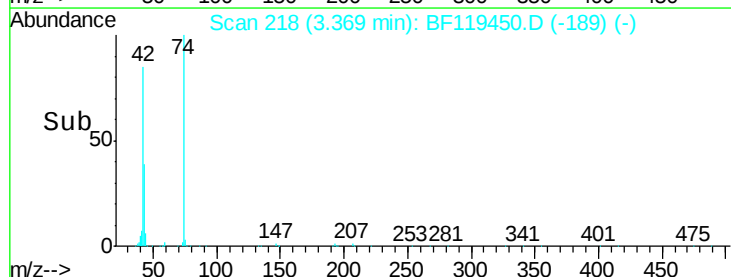
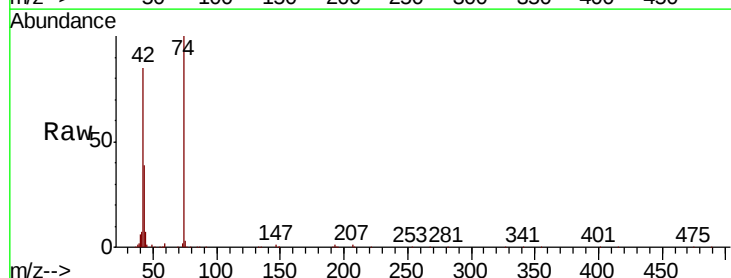
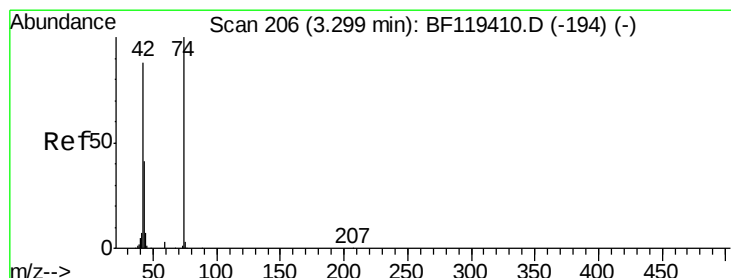
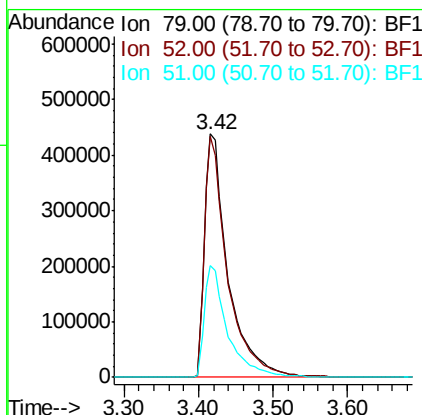
#3
 Pvridine
 Concen: 33.122 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.1	80.0	120.0
51	45.7	37.9	56.9

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMS

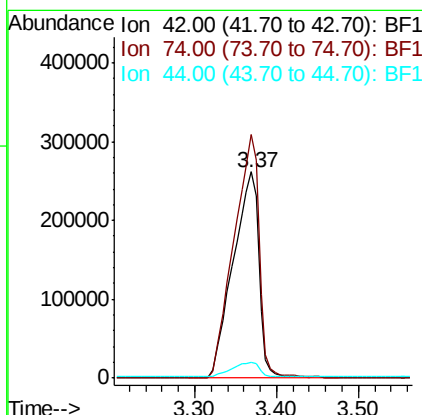
Manual Integrations
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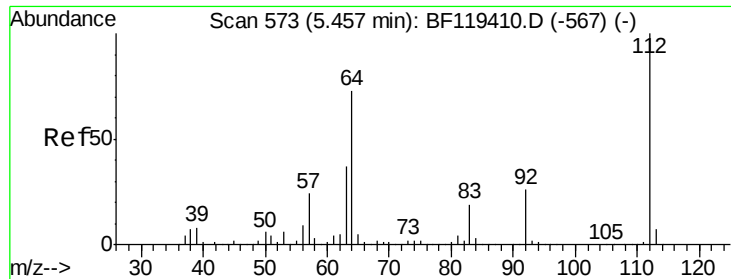
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#4
 n-Nitrosodimethylamine
 Concen: 40.585 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.07 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.1	91.3	136.9
44	7.9	7.1	10.7





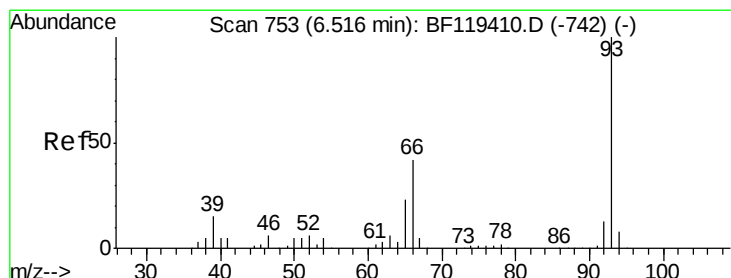
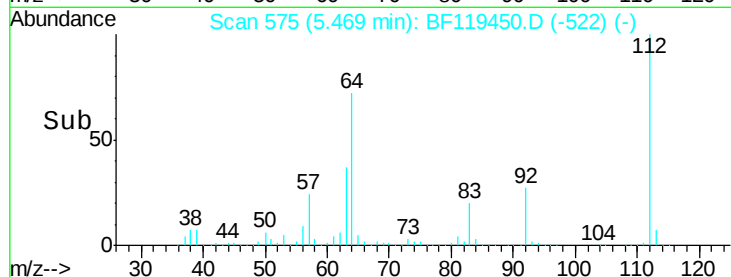
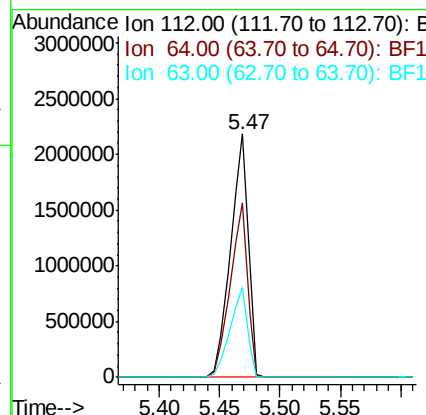
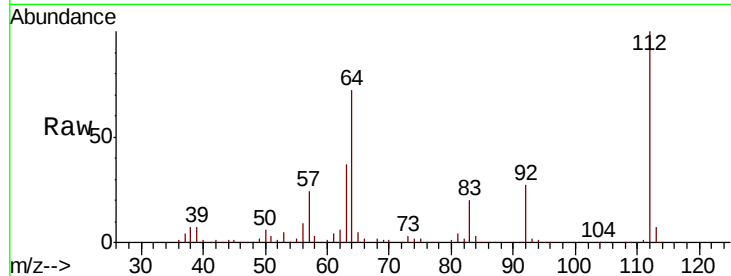
#5
2-Fluorophenol
Concen: 103.875 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampled :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
112	100		
64	71.6	58.1	87.1
63	37.0	29.7	44.5

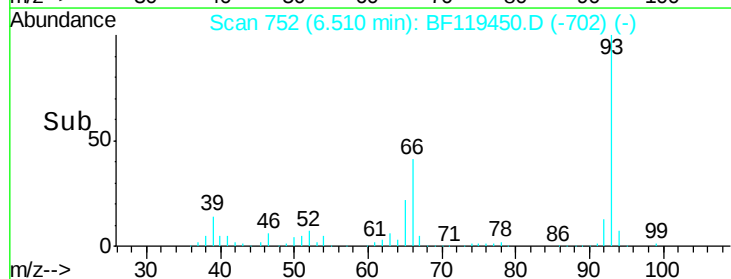
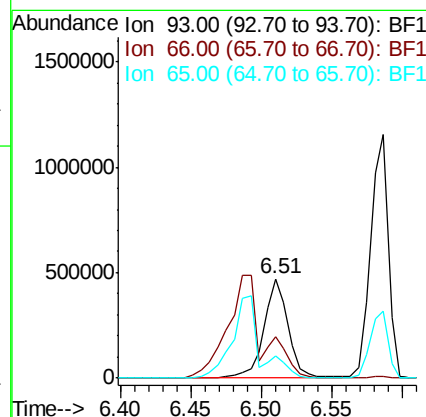
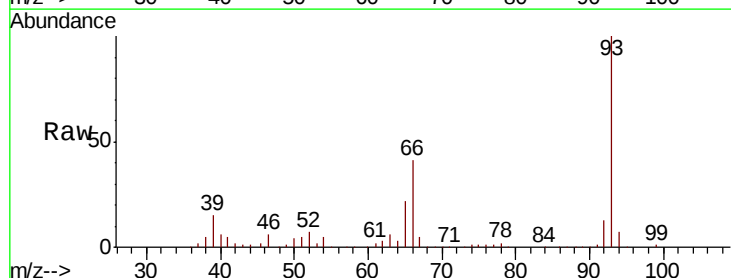
Manual Integrations
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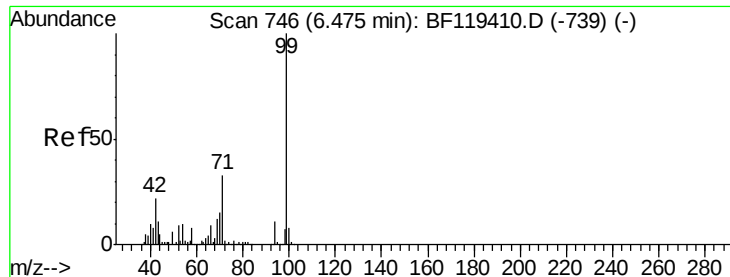
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#6
Aniline
Concen: 15.303 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.3	34.2	51.4
65	21.9	18.2	27.4





#7

Phenol-d6

Concen: 106.943 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

ClientSampleId :

TP-11AMS

Tot Ion: 99 Resp: 2919336

Ion Ratio Lower Upper

99 100

42 21.1 17.8 26.6

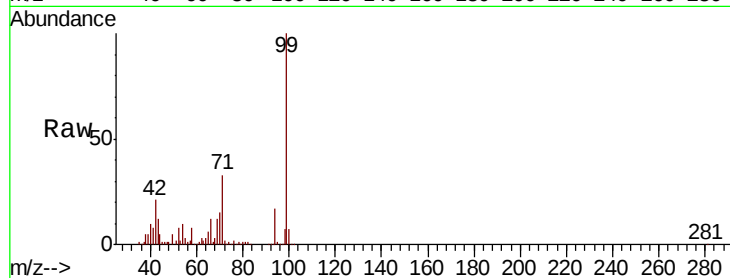
71 33.4 26.0 39.0

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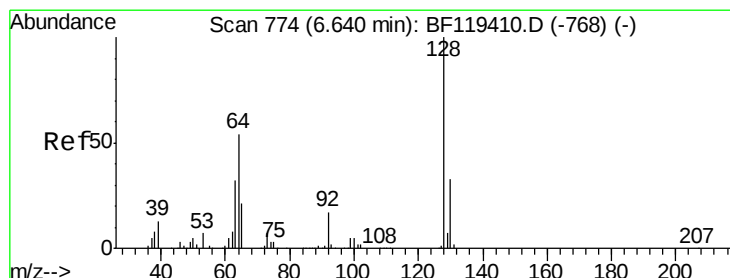
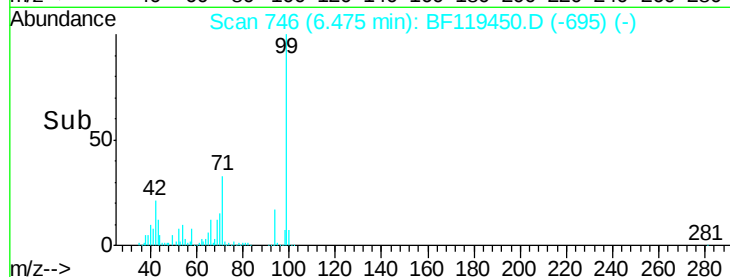
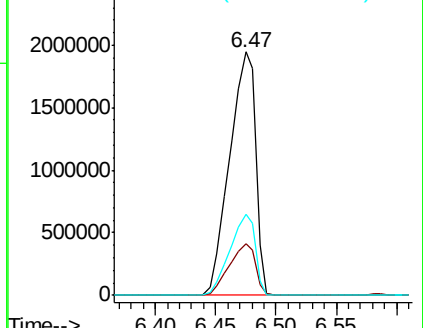
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.748 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

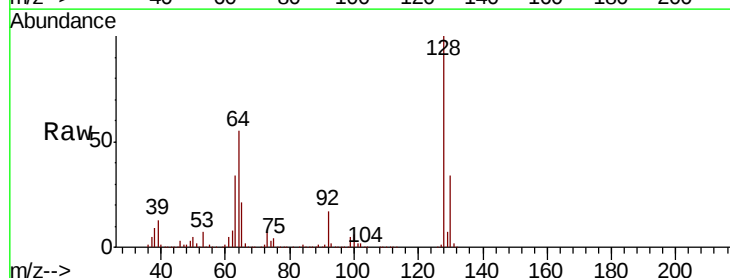
Tgt Ion:128 Resp: 1049205

Ion Ratio Lower Upper

128 100

130 33.7 13.0 53.0

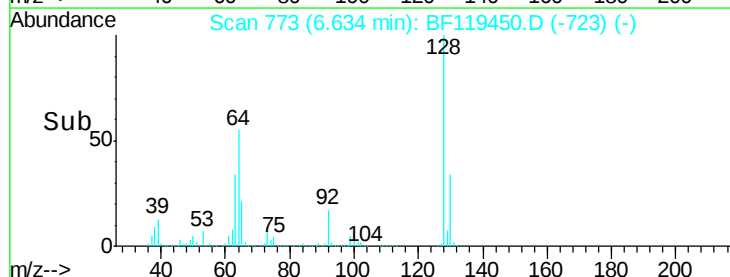
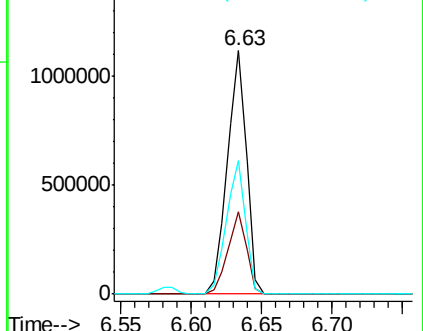
64 55.1 35.1 75.1

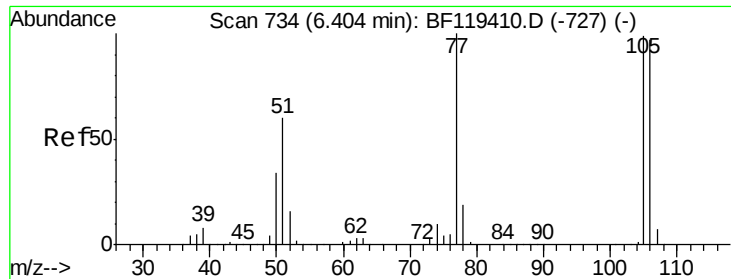


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.742 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

ClientSampled :

TP-11AMS

Tot Ion: 77 Resp: 670900

Ion Ratio Lower Upper

77 100

105 100.9 78.6 118.6

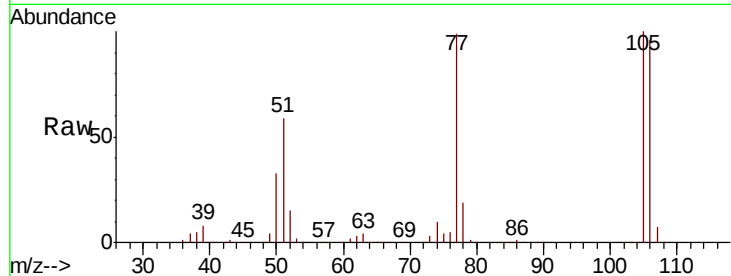
106 97.0 76.5 116.5

Manual Integrations

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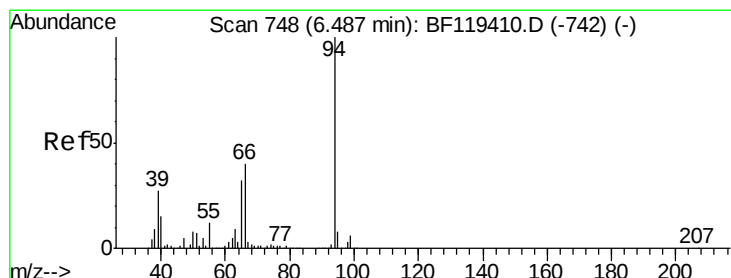
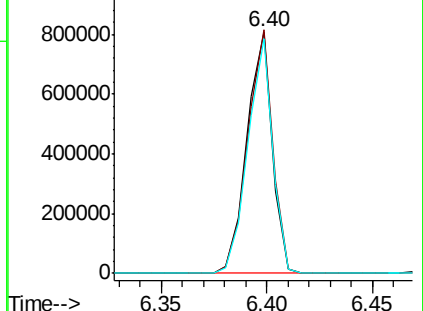
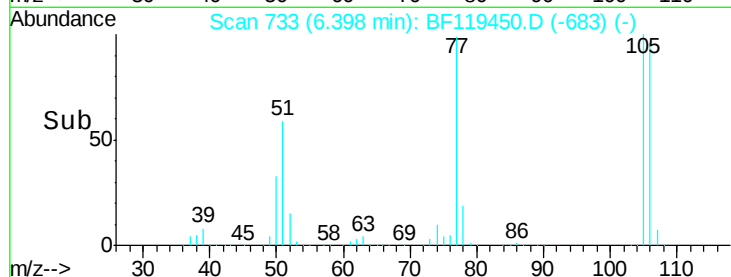
3/20/2020 11:47:25 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.221 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

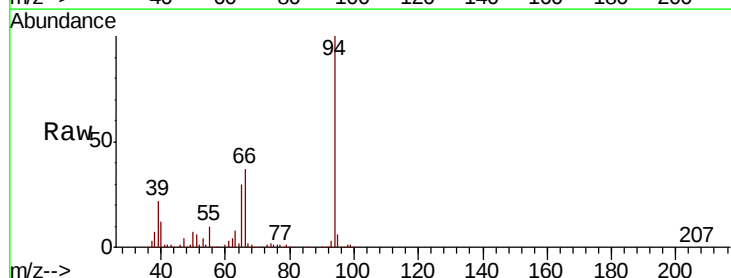
Tgt Ion: 94 Resp: 1346295

Ion Ratio Lower Upper

94 100

65 29.7 12.0 52.0

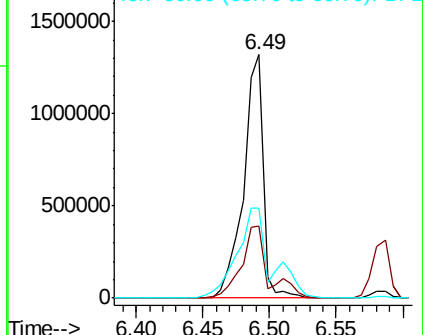
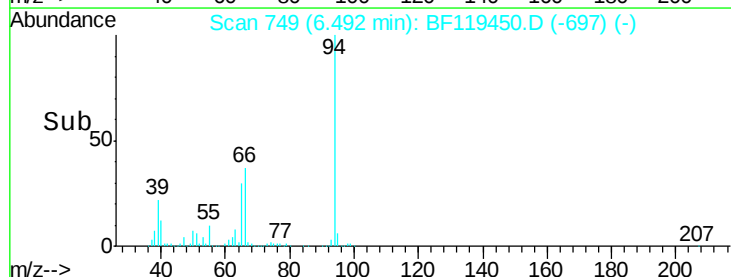
66 36.8 20.6 60.6

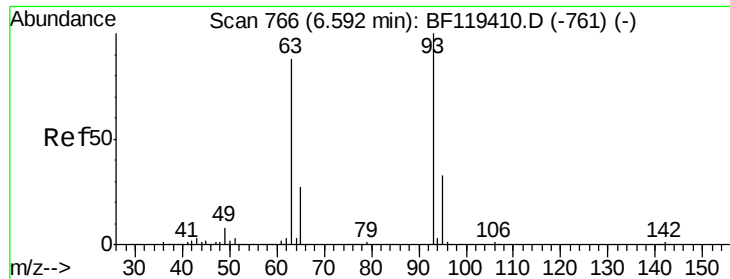


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





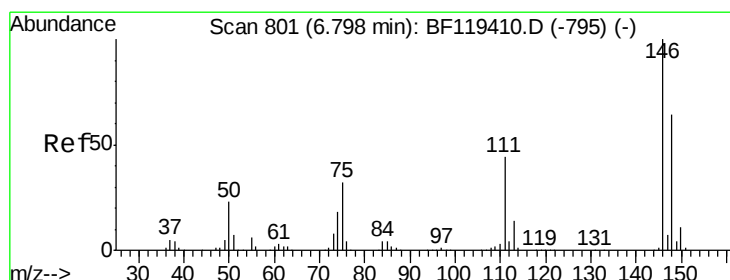
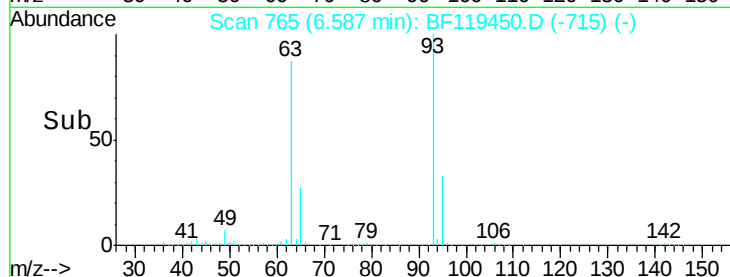
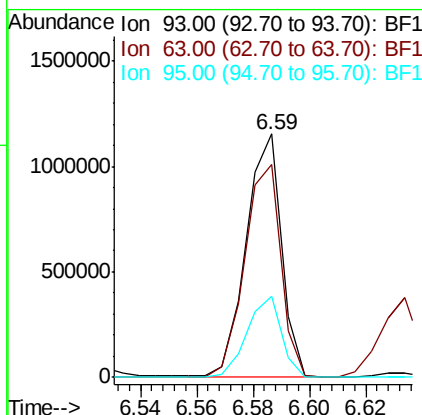
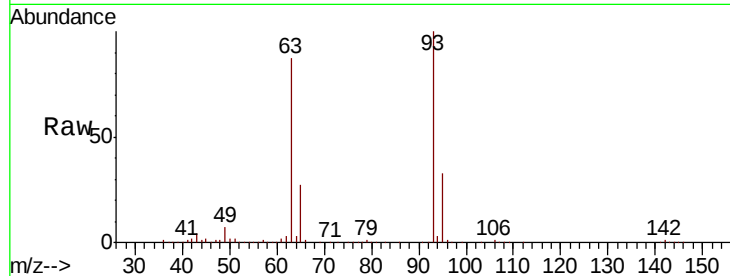
#11
bis(2-Chloroethyl)ether
Concen: 42.983 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.2	68.4	108.4
95	33.5	13.4	53.4

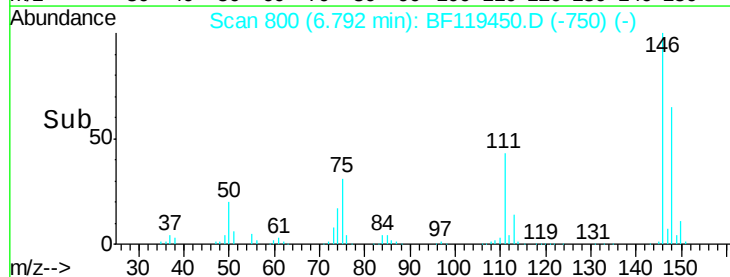
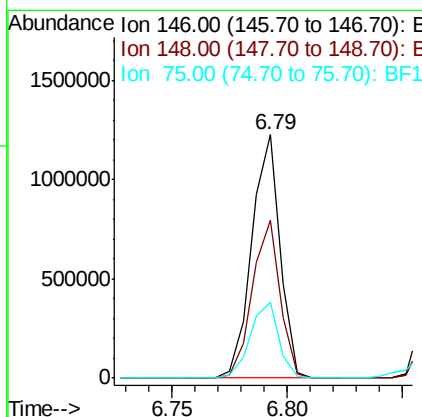
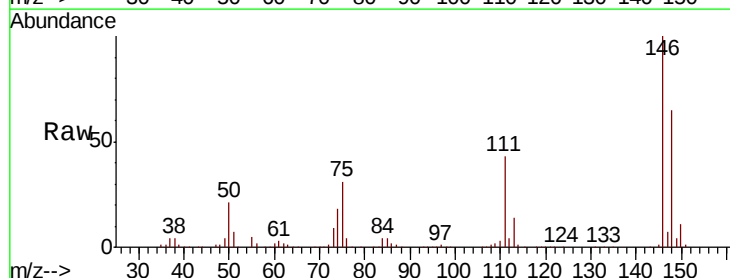
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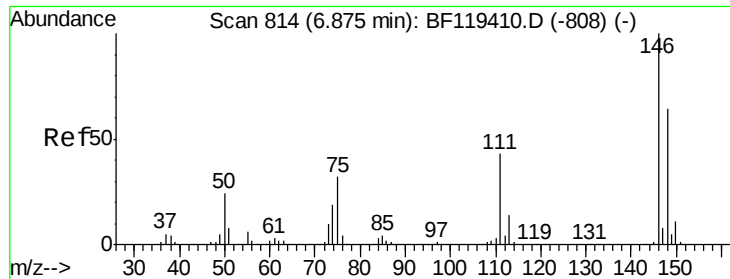
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#12
1,3-Dichlorobenzene
Concen: 43.200 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.0
75	31.2	25.8	38.8





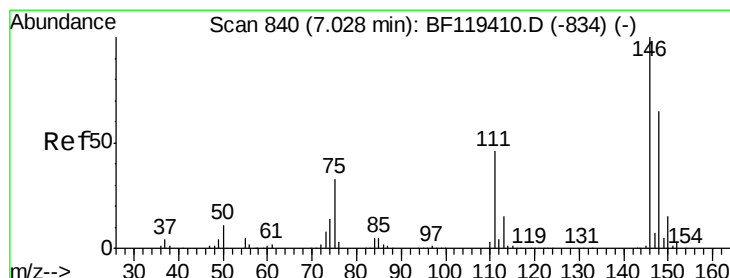
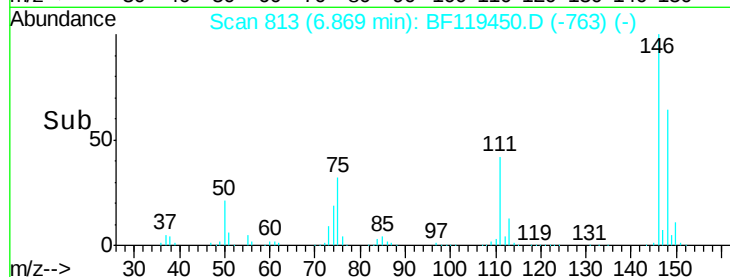
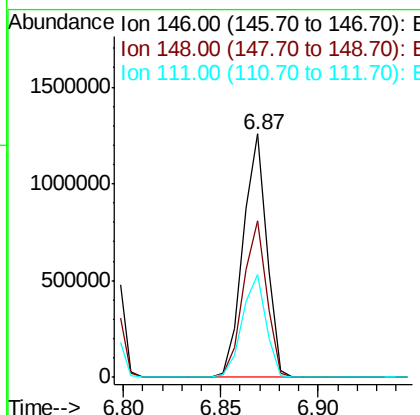
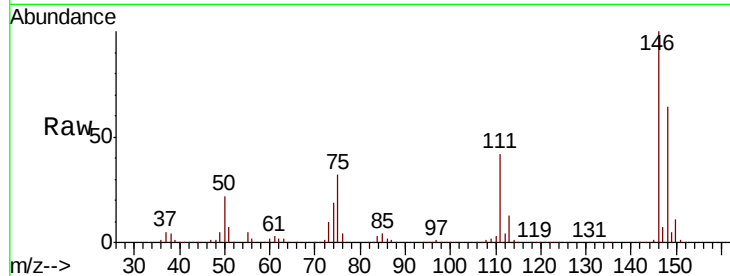
#13
 1,4-Dichlorobenzene
 Concen: 43.444 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMS

Tot Ion:146 Resp: 1055562
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.9 76.3
 111 42.0 34.6 52.0

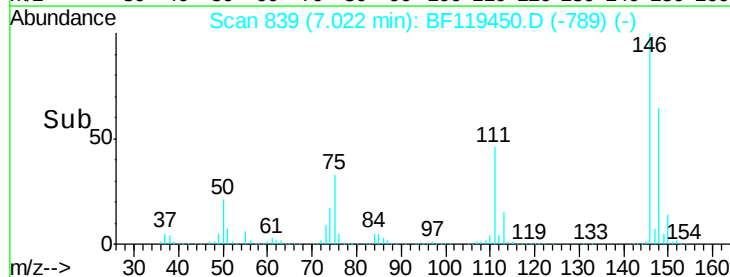
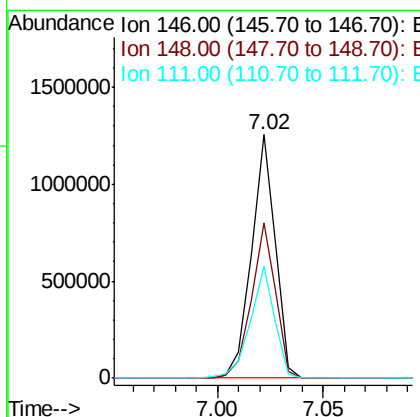
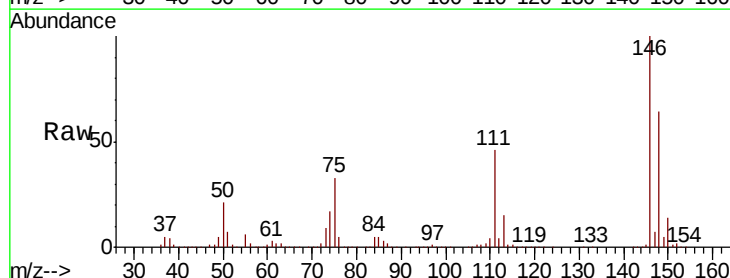
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#14
 1,2-Dichlorobenzene
 Concen: 43.369 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Tgt Ion:146 Resp: 984935
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.7 77.5
 111 45.9 36.4 54.6





#15

Benzyl Alcohol

Concen: 43.875 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

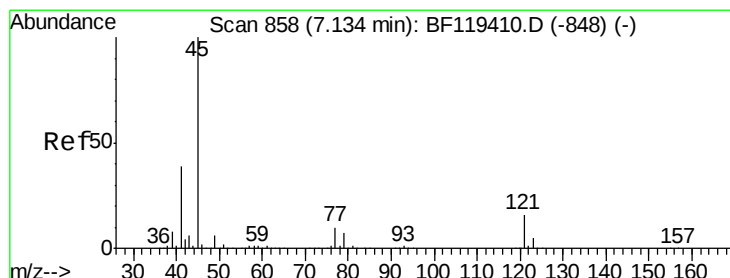
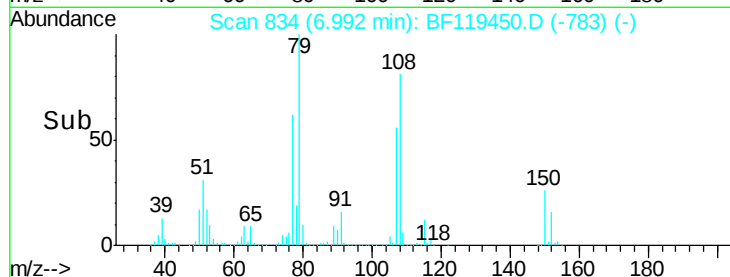
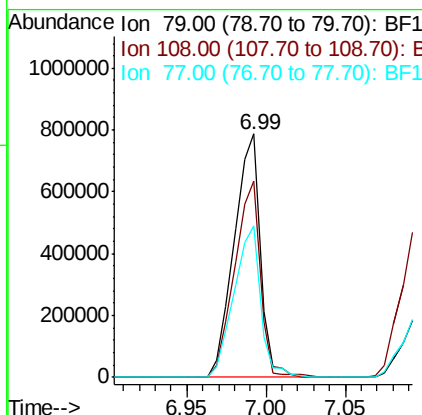
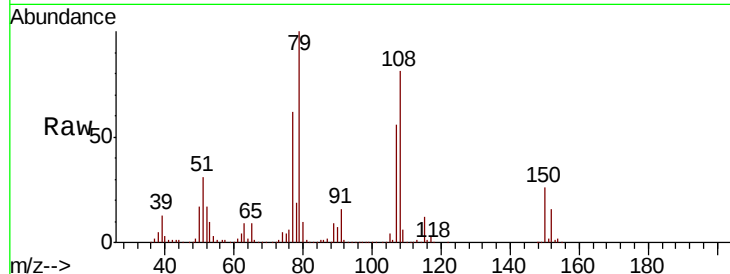
ClientSampled :

TP-11AMS

Tot Ion:	79	Resp:	900926
Ion	Ratio	Lower	Upper
79	100		
108	80.8	60.4	90.6
77	62.4	49.0	73.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.278 ng

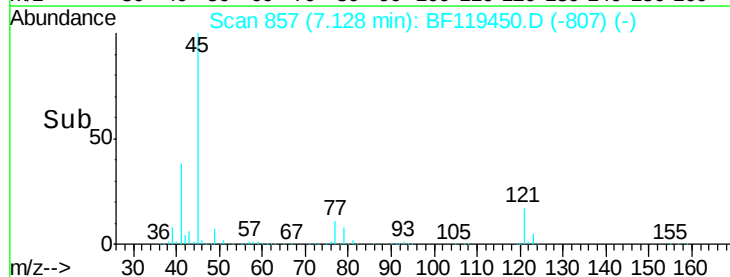
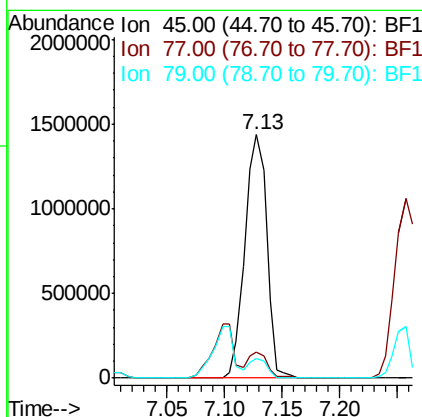
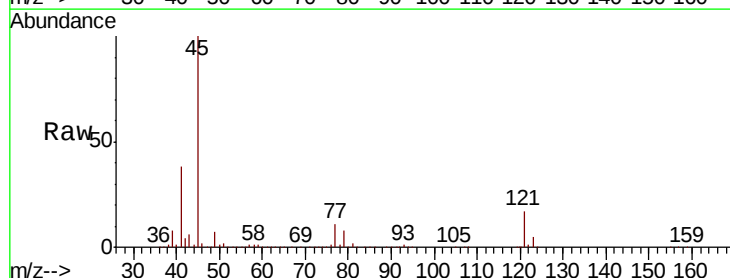
RT: 7.13 min Scan# 857

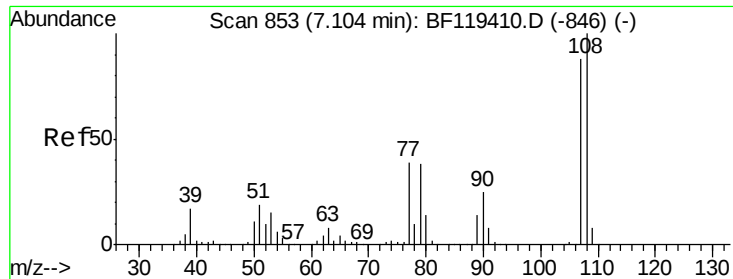
Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	45	Resp:	1892650
Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	30.1
79	8.0	0.0	27.4





#17

2-Methylphenol

Concen: 41.667 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

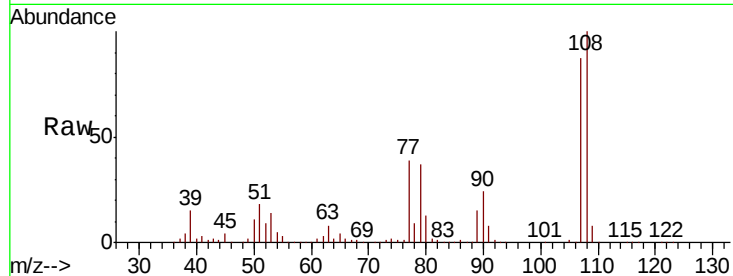
ClientSampleId :

TP-11AMS

Tot Ion:	107	Resp:	856831
Ion Ratio	Lower	Upper	
107	100		
108	114.9	90.7	136.1
77	44.7	35.6	53.4
79	42.8	34.7	52.1

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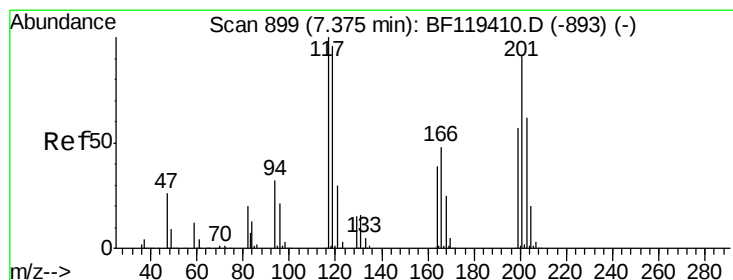
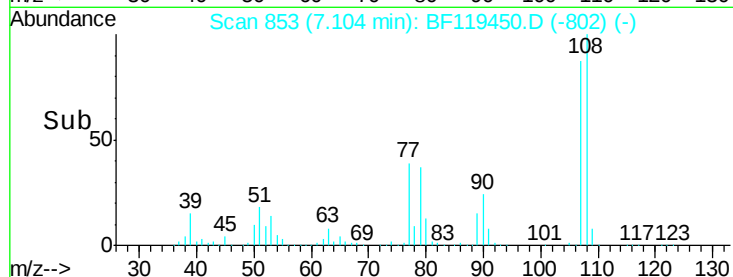
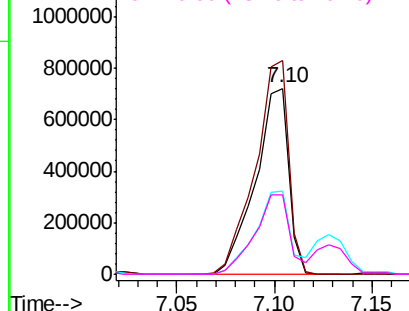
Abundance

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: 45.006 ng

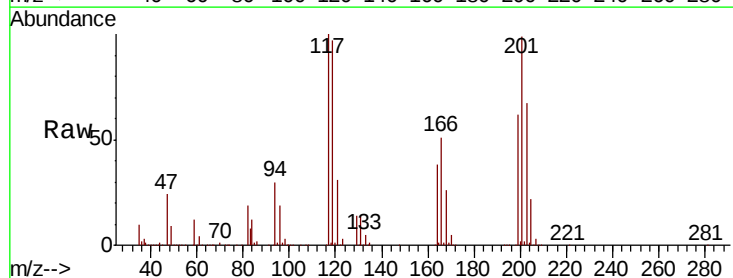
RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	117	Resp:	400745
Ion Ratio	Lower	Upper	
117	100		
119	97.3	76.8	115.2
201	99.2	72.5	108.7

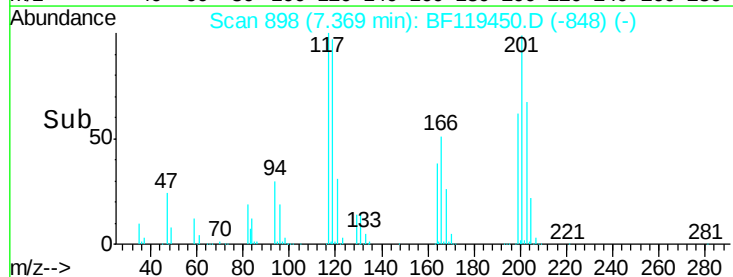
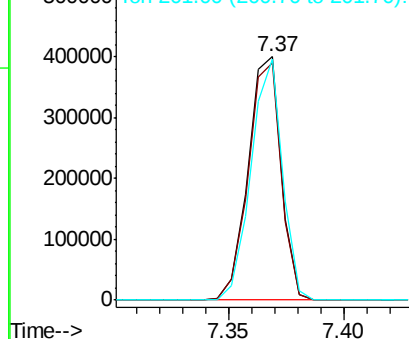


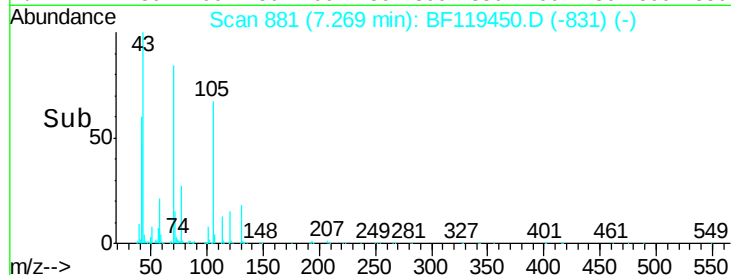
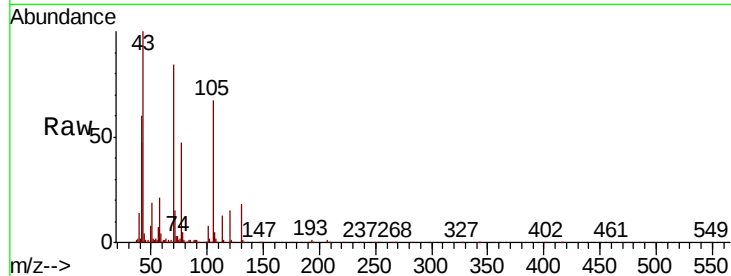
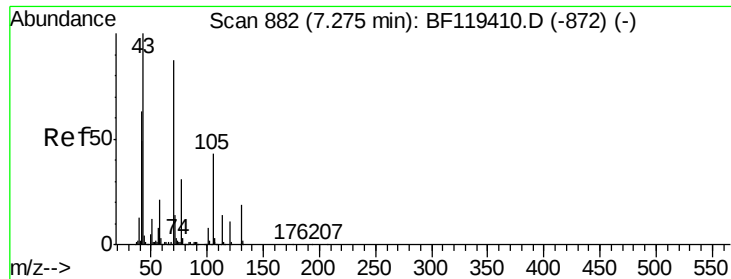
Abundance

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





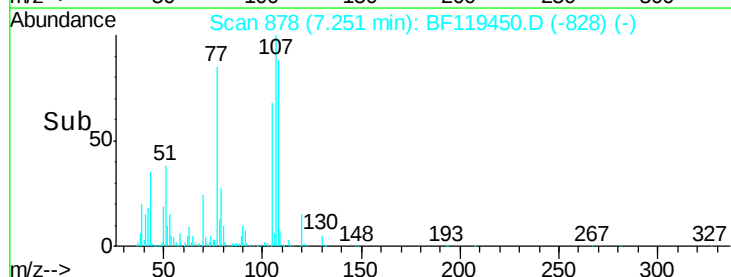
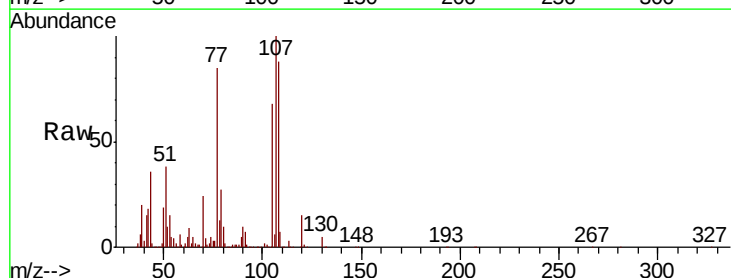
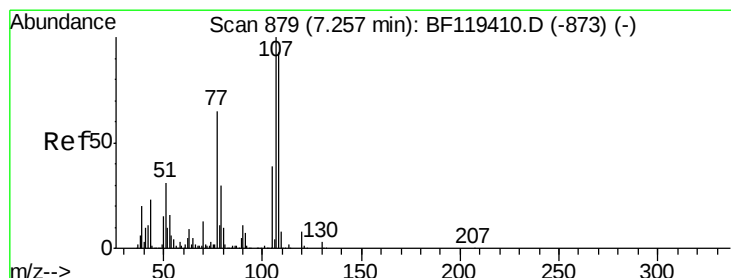
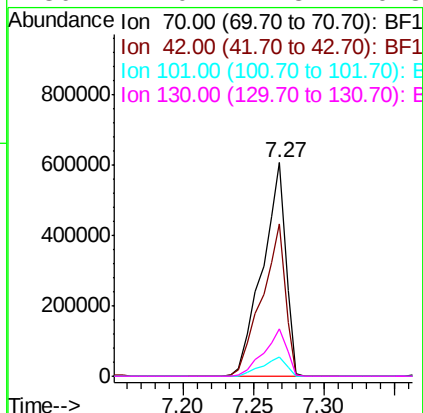
#19
n-Nitroso-di-n-propylamine
Concen: 43.053 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.5	58.2	87.4
101	9.1	7.4	11.2
130	22.0	17.8	26.8

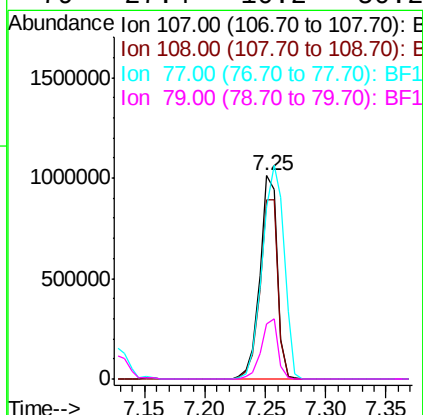
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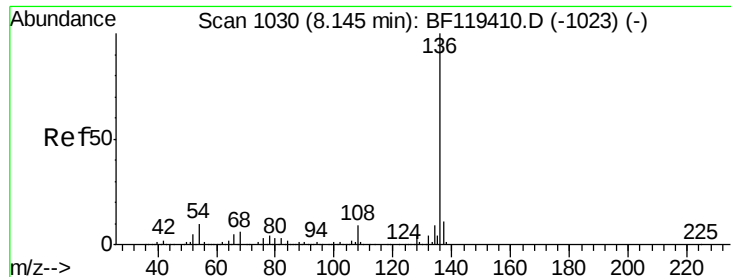
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#20
3+4-Methylphenols
Concen: 40.540 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	72.6	112.6
77	84.6	44.7	84.7
79	27.4	10.2	50.2





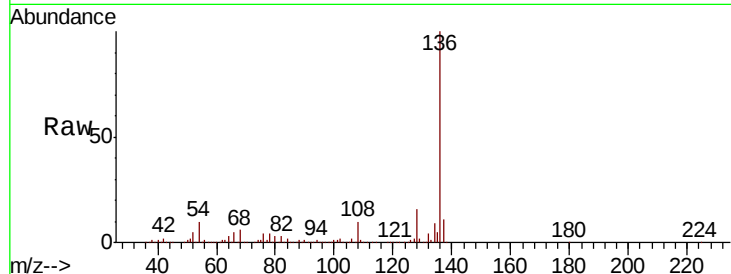
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

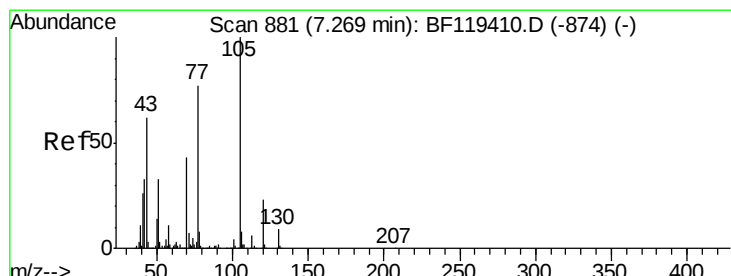
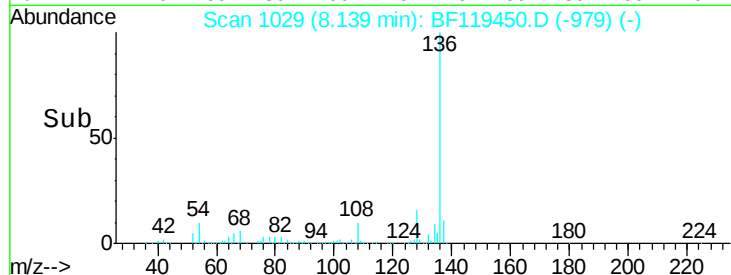
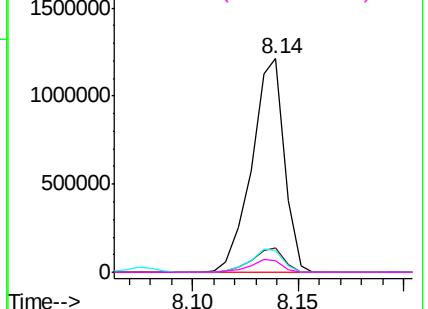
Tot Ion	136	Resp	1295579
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.0	8.3	12.5
68	5.6	4.9	7.3

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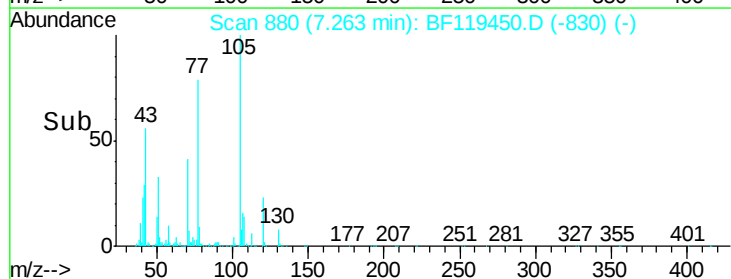
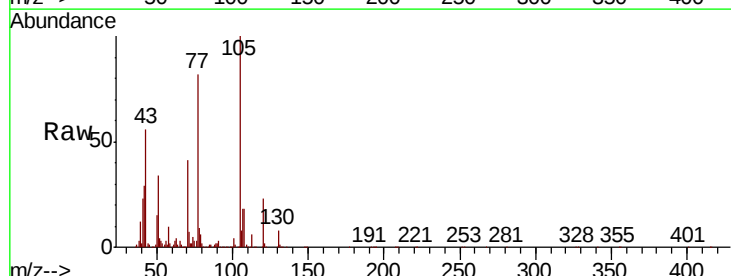
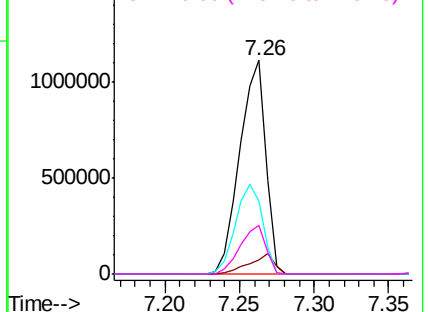
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

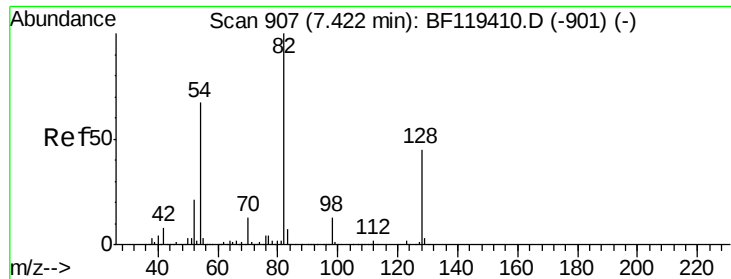


#22
Acetophenone
Concen: 43.422 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	105	Resp	1344237
Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.8	8.6
51	34.4	26.8	40.2
120	22.9	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





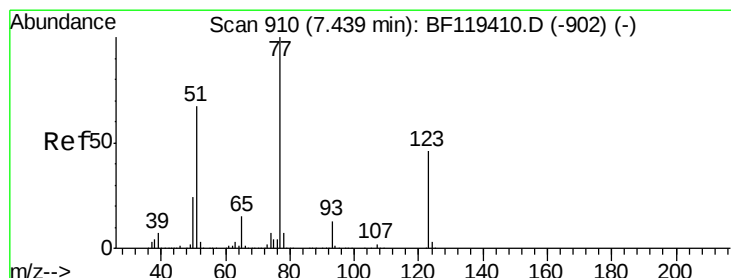
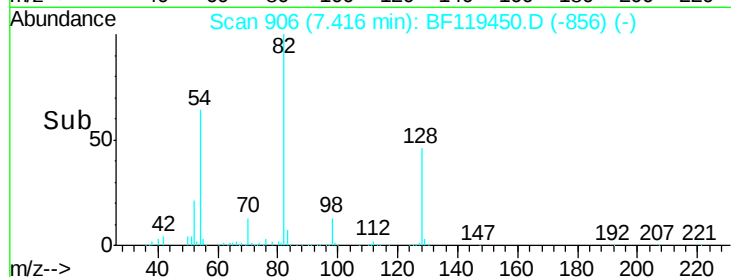
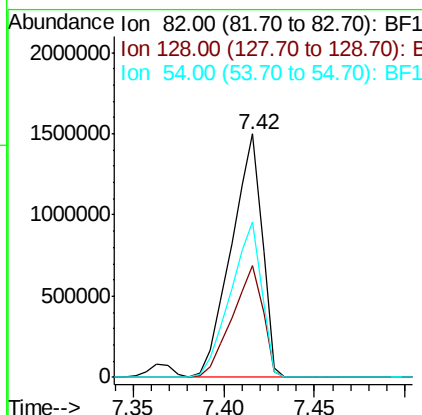
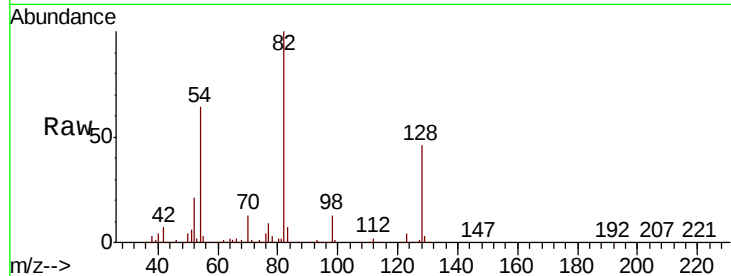
#23
Nitrobenzene-d5
Concen: 74.138 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.8	53.8
54	63.8	53.4	80.0

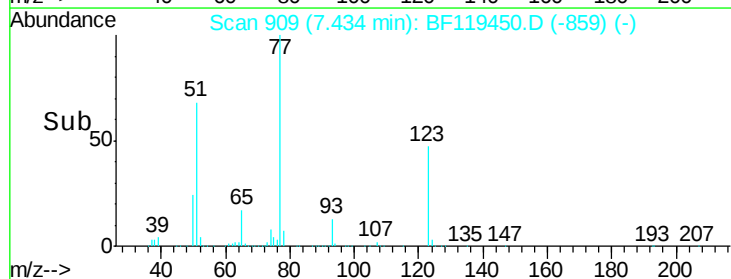
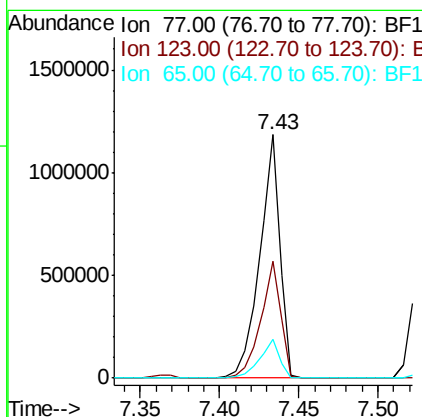
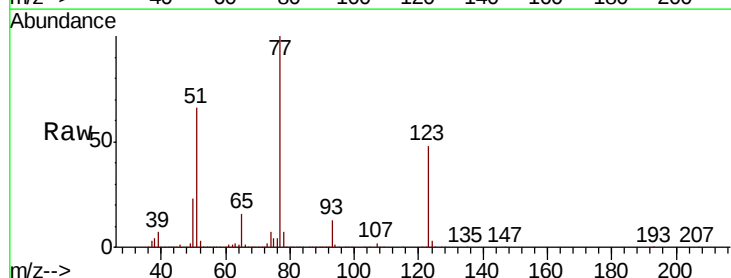
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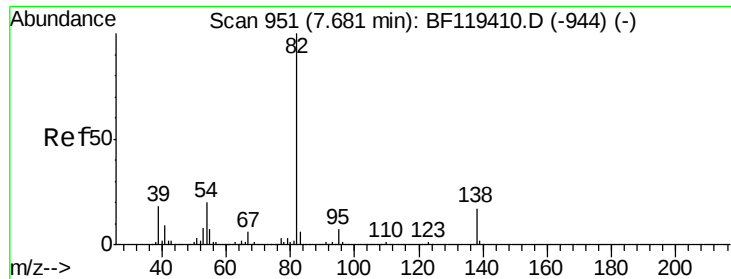
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#24
Nitrobenzene
Concen: 41.438 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	36.9	55.3
65	16.0	12.2	18.4





#25

Isophorone

Concen: 41.257 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

ClientSampleId :

TP-11AMS

Tot Ion: 82 Resp: 1995089

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

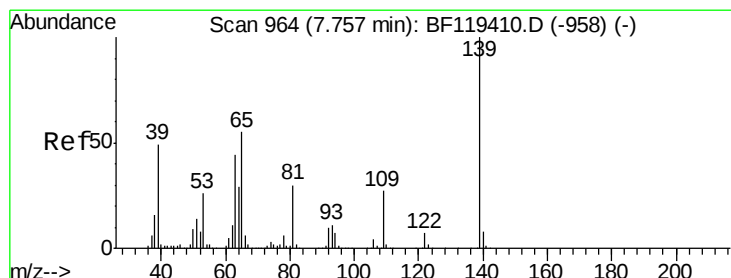
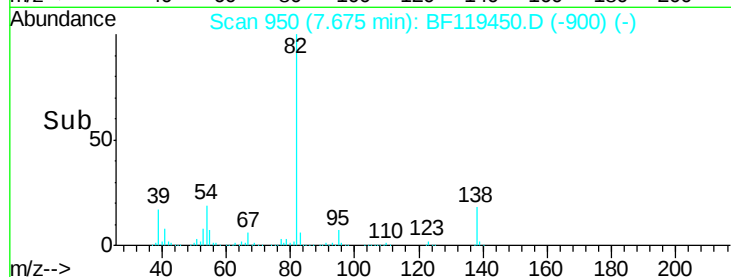
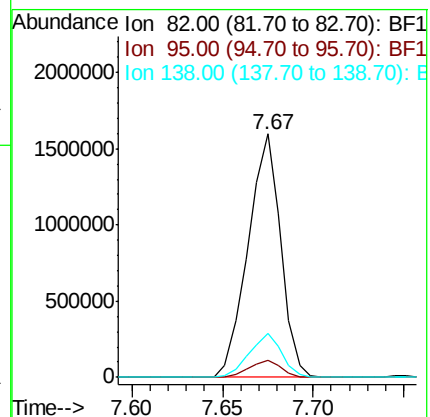
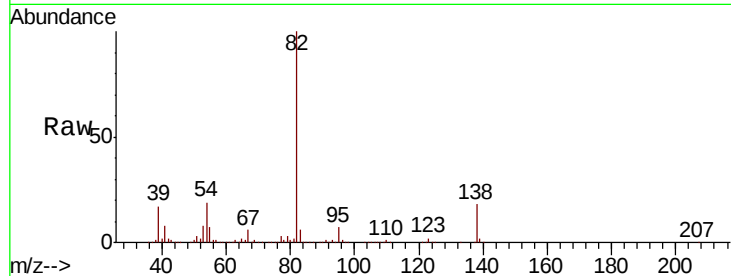
138 18.1 13.8 20.8

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#26

2-Nitrophenol

Concen: 51.533 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

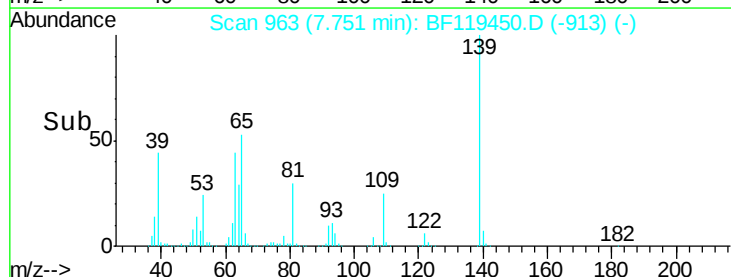
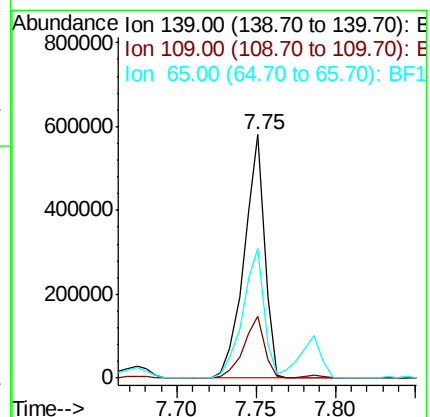
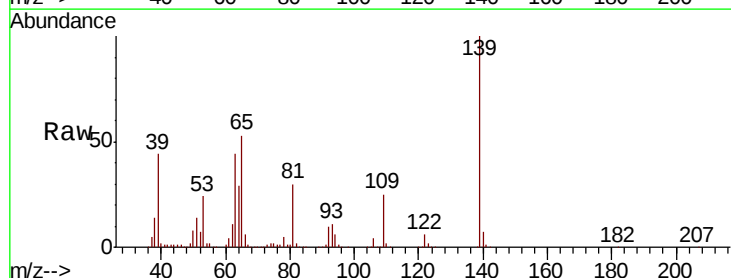
Tgt Ion: 139 Resp: 516922

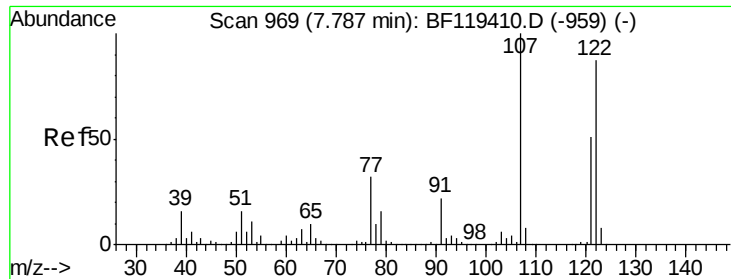
Ion Ratio Lower Upper

139 100

109 25.3 21.7 32.5

65 53.2 43.9 65.9





#27

2,4-Dimethylphenol

Concen: 46.132 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

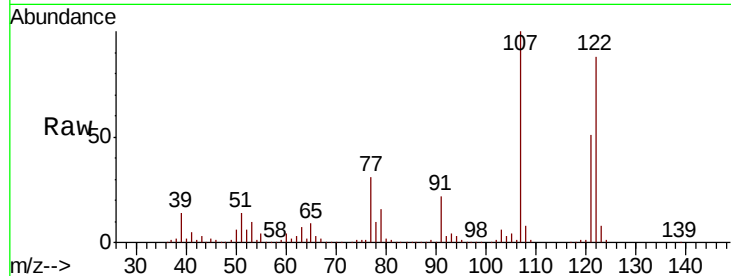
ClientSampleId :

TP-11AMS

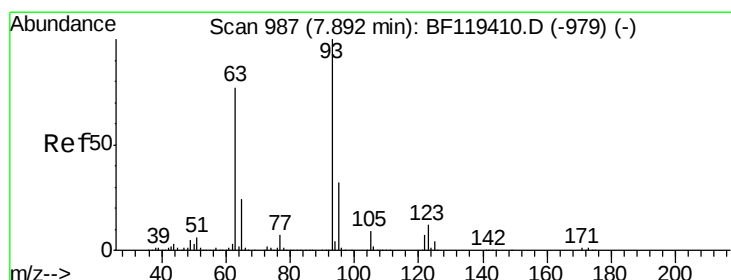
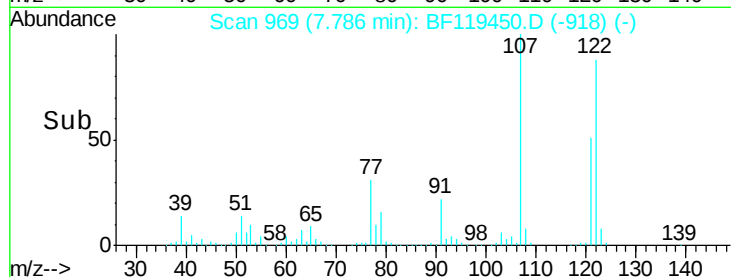
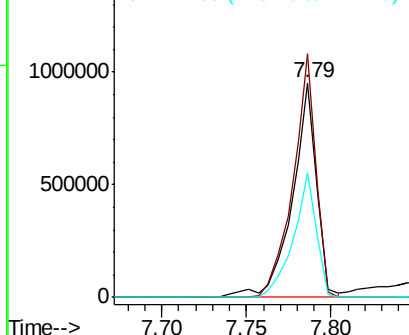
Tot Ion:	122	Resp:	956850
Ion Ratio	Lower	Upper	
122	100		
107	113.3	91.8	137.6
121	58.1	46.5	69.7

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.647 ng

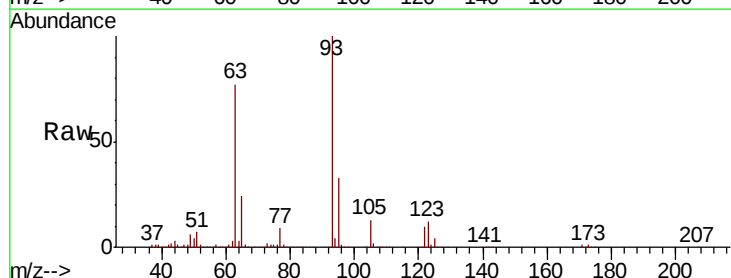
RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

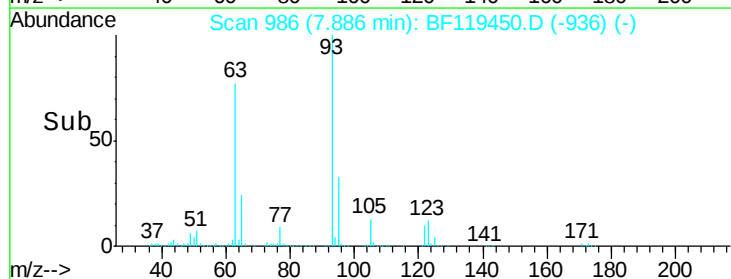
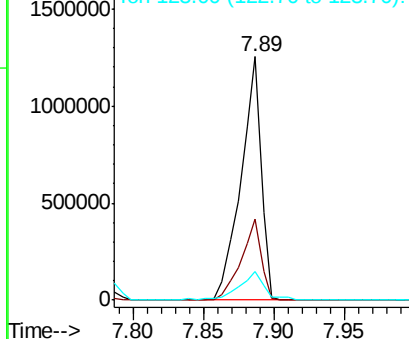
Lab File: BF119450.D

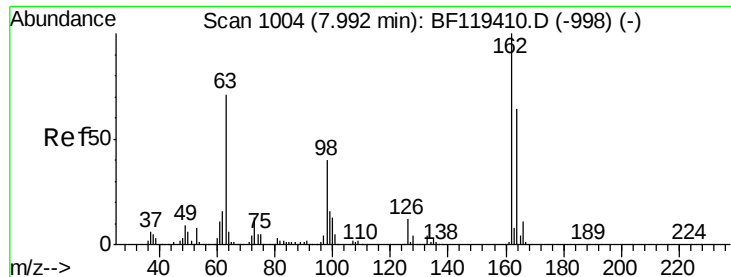
Acq: 19 Mar 2020 20:55

Tgt Ion:	93	Resp:	1248103
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.0	39.0
123	11.8	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





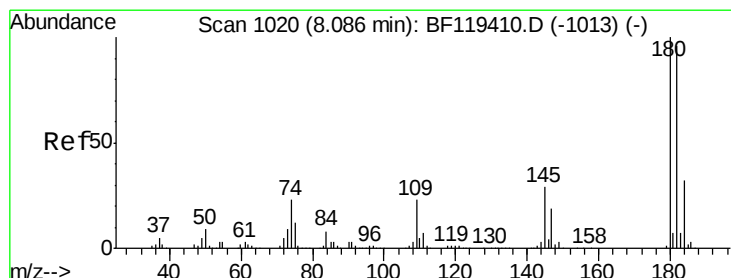
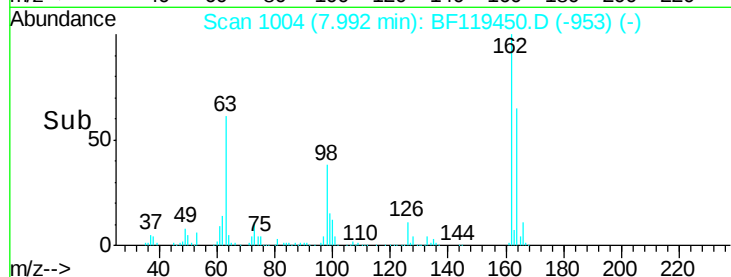
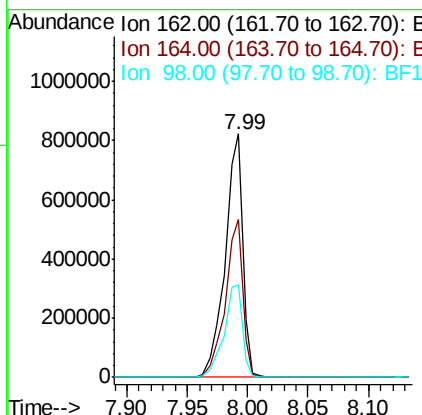
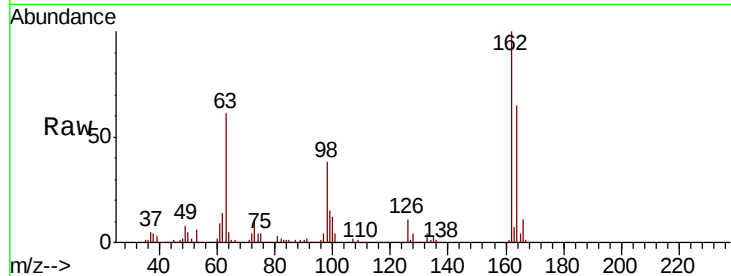
#29
2,4-Dichlorophenol
Concen: 43.682 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampled :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.6	83.6
98	37.8	20.4	60.4

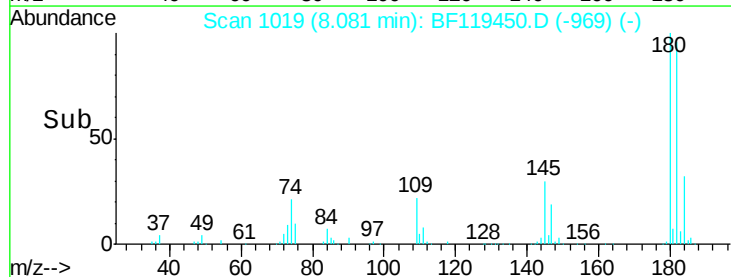
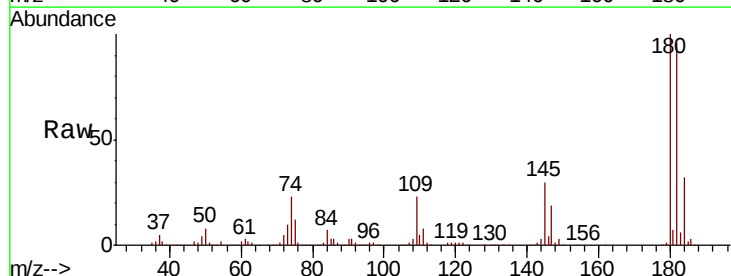
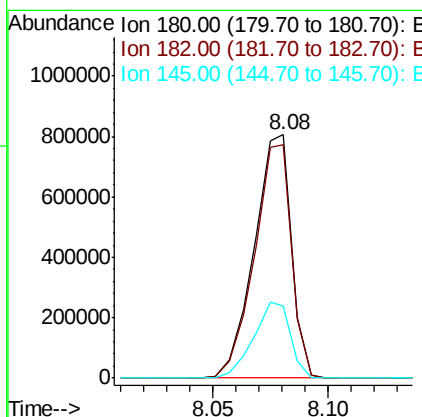
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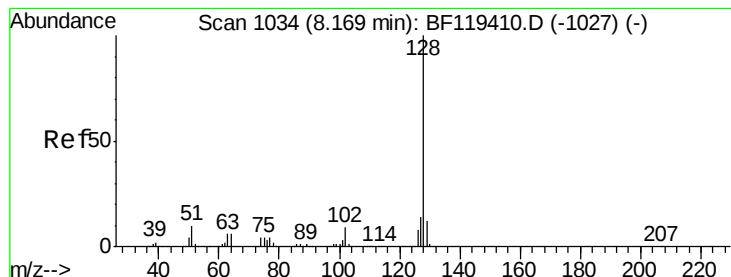
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.956 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	115.0
145	29.7	23.2	34.8





#31

Naphthalene

Concen: 42.838 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

ClientSampleId :

TP-11AMS

Tot Ion:128 Resp: 2856081

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

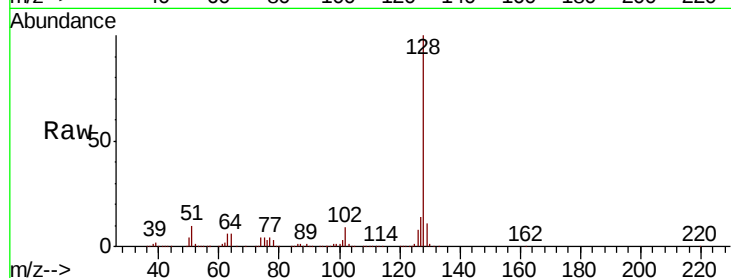
127 13.8 11.0 16.4

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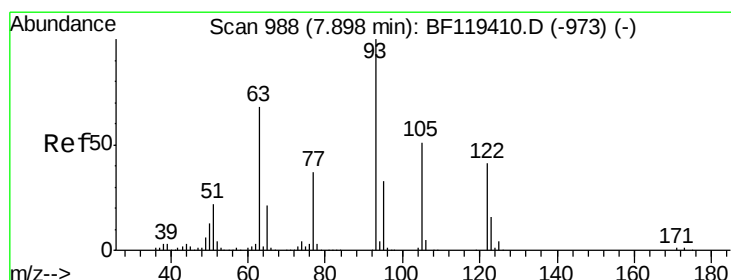
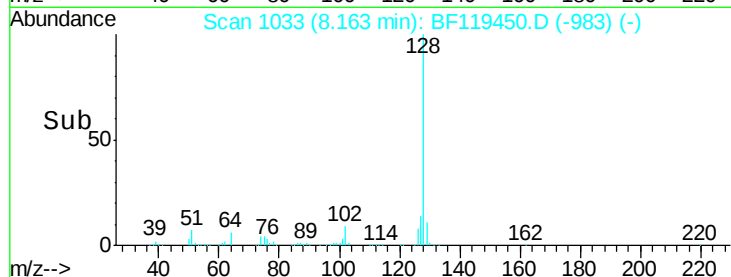
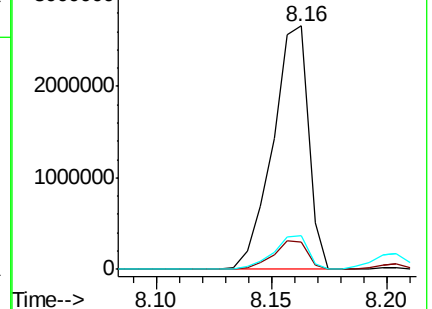
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.229 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

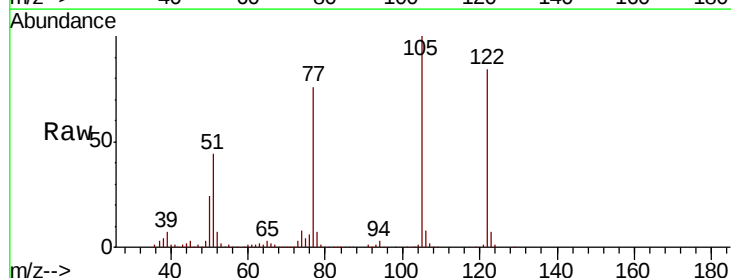
Tgt Ion:122 Resp: 616793

Ion Ratio Lower Upper

122 100

105 119.2 102.9 142.9

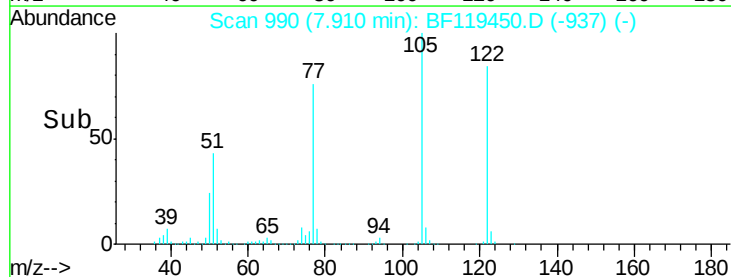
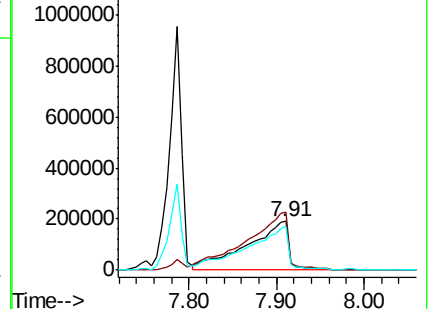
77 91.0 70.1 110.1

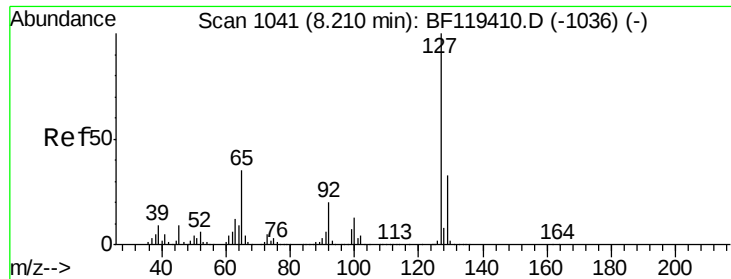


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





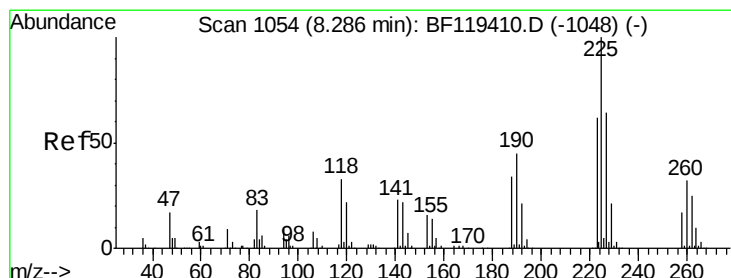
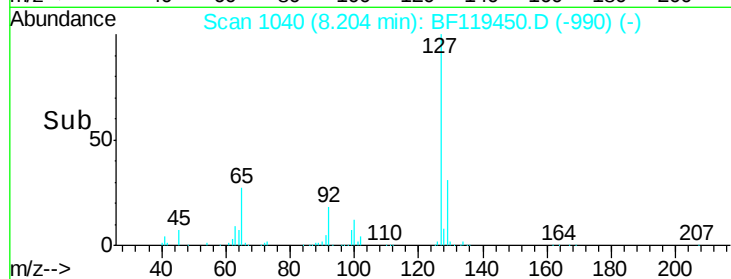
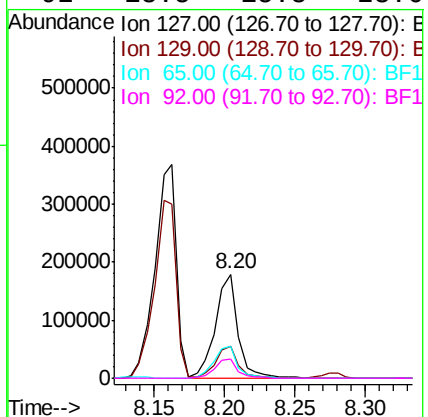
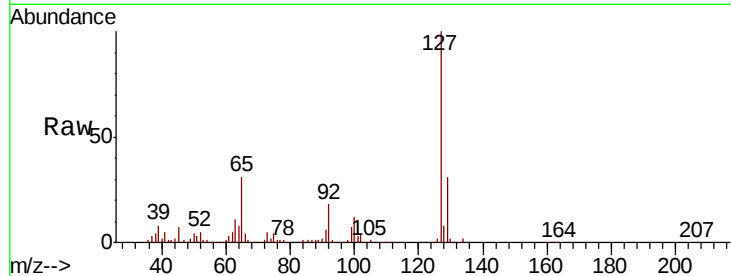
#33
4-Chloroaniline
Concen: 6.494 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.4
65	31.1	27.7	41.5
92	18.5	15.8	23.6

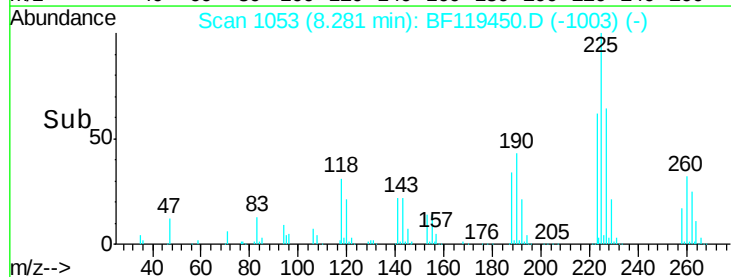
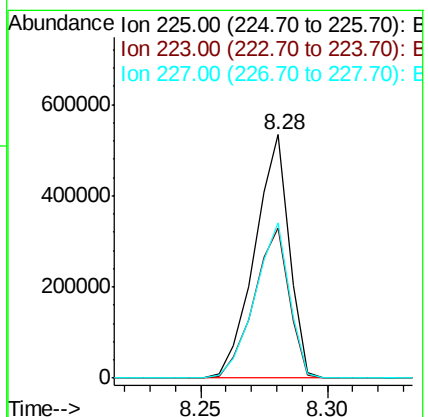
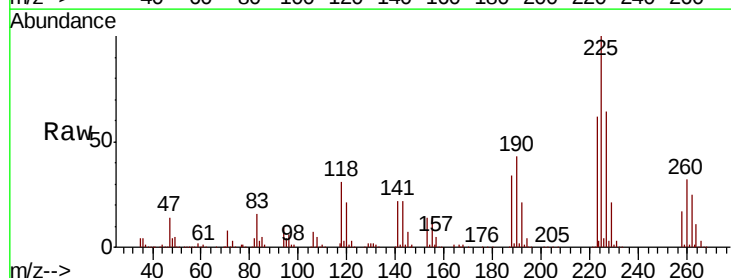
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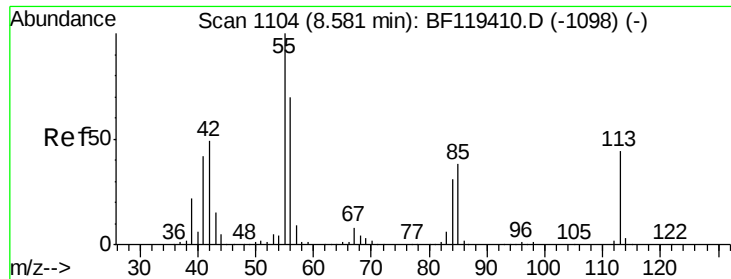
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#34
Hexachlorobutadiene
Concen: 43.029 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.2	73.8
227	63.8	51.1	76.7





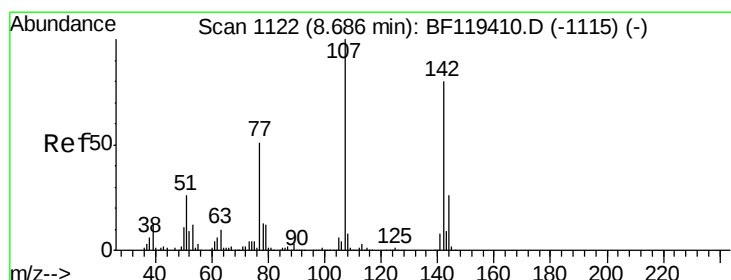
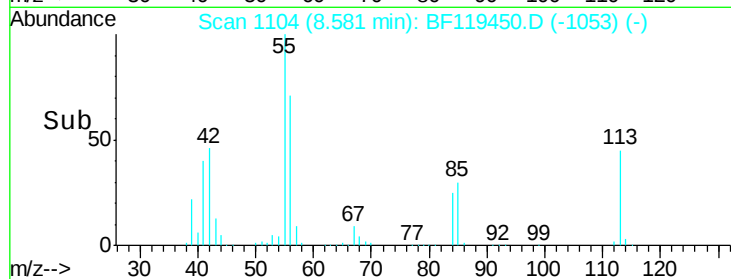
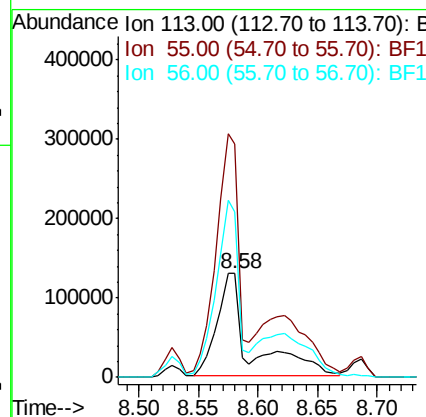
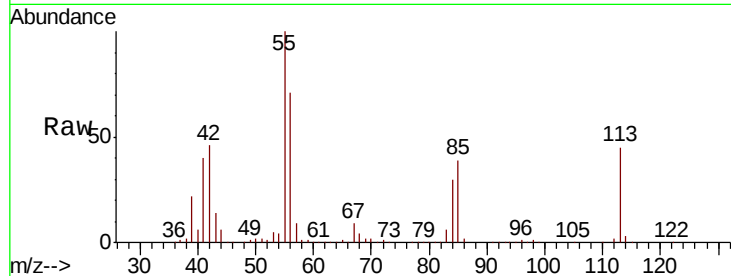
#35
 Caprolactam
 Concen: 40.496 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	224.4	208.4	248.4
56	159.4	138.9	178.9

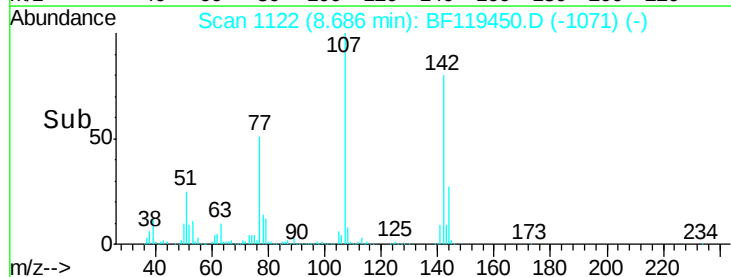
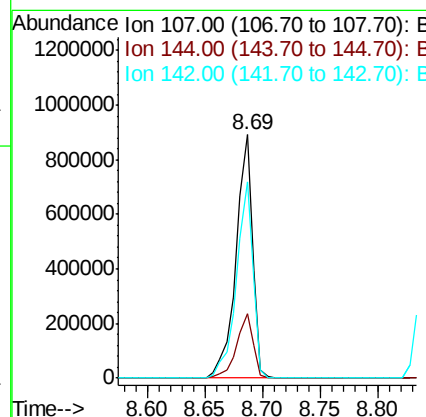
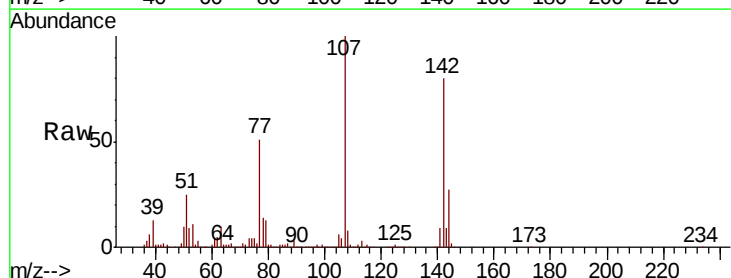
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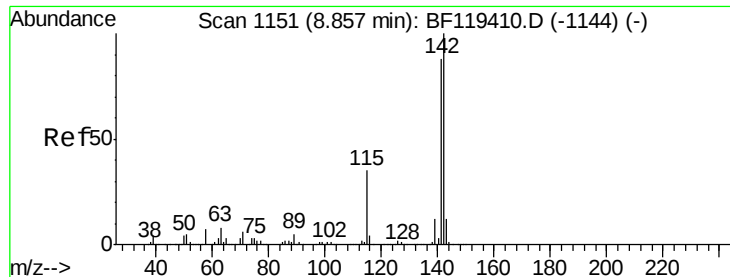
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.717 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.6	31.0
142	80.5	63.8	95.6





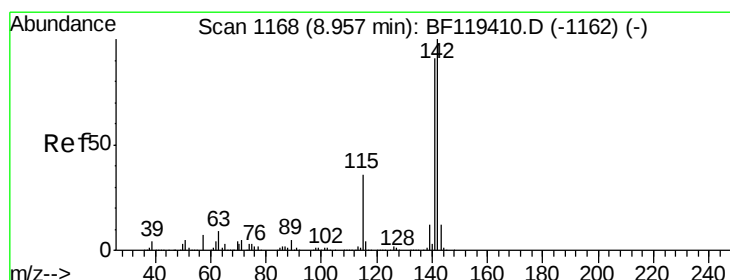
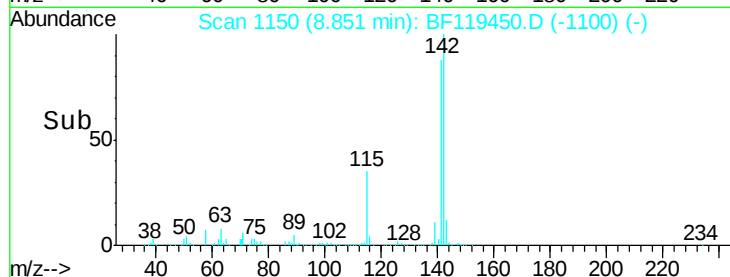
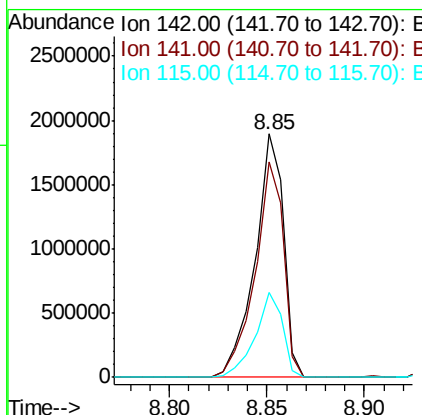
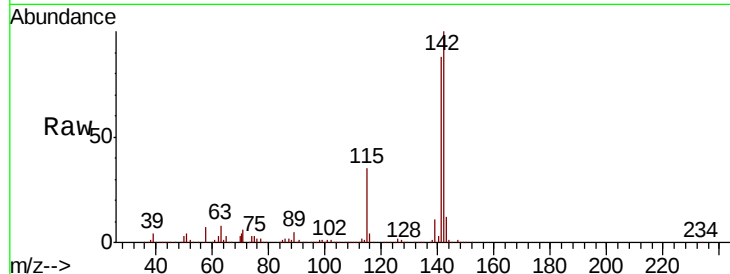
#37
2-Methylnaphthalene
Concen: 43.788 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	34.9	27.8	41.6

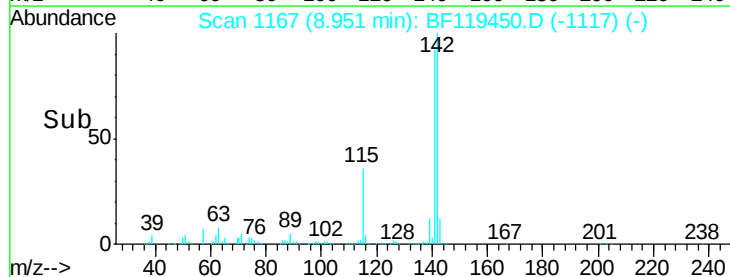
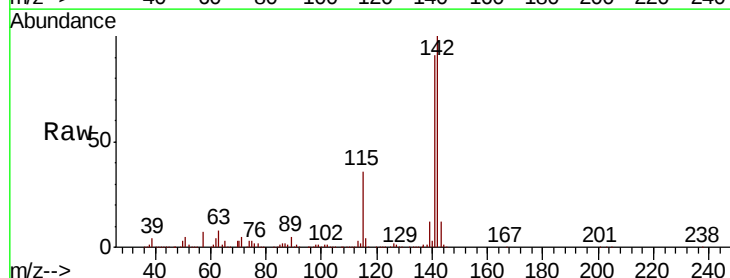
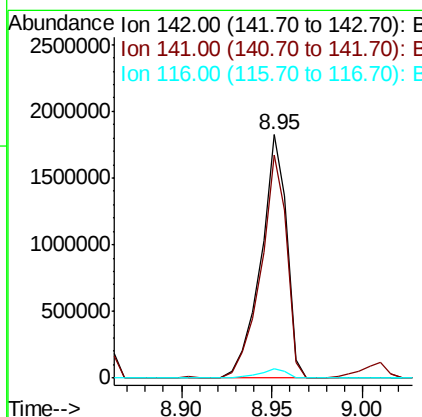
Manual Integrations
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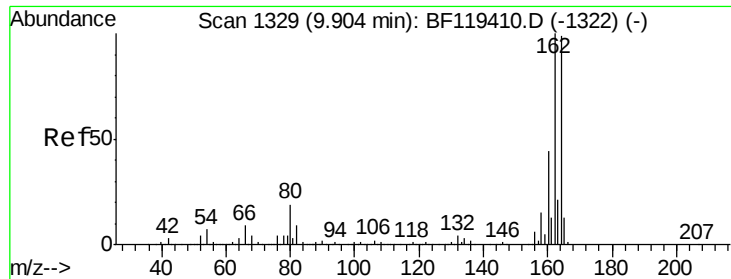
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#38
1-Methylnaphthalene
Concen: 43.541 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7
116	3.8	3.0	4.6





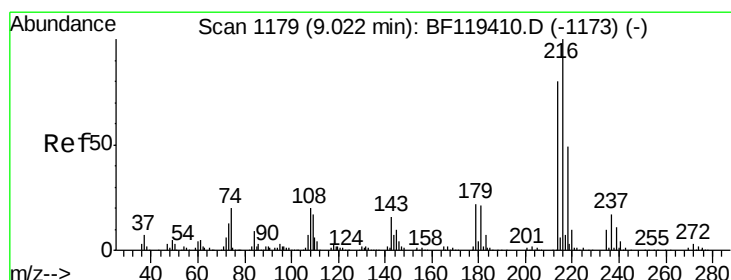
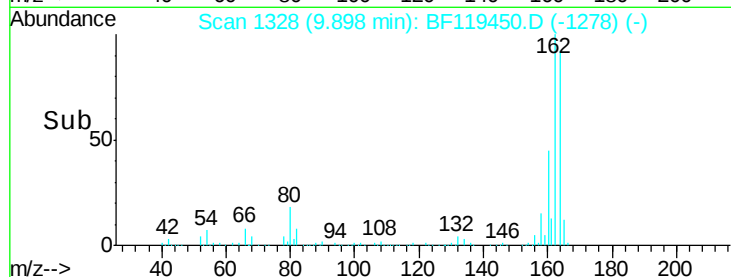
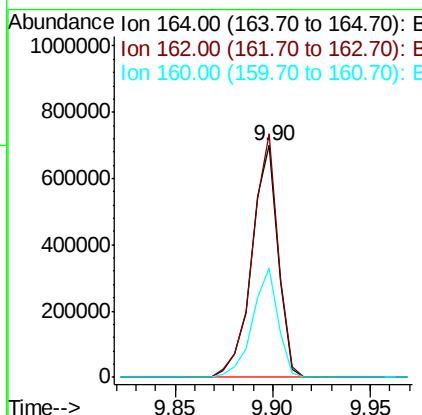
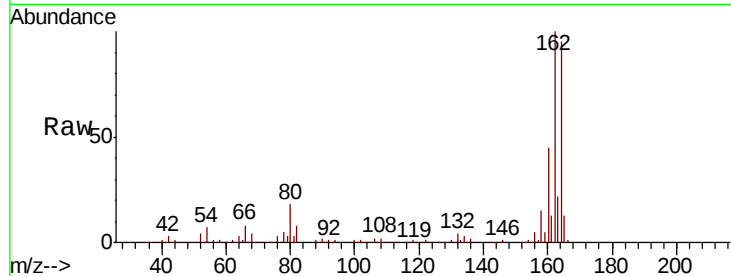
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.9	80.7	121.1	
160	47.0	35.5	53.3	

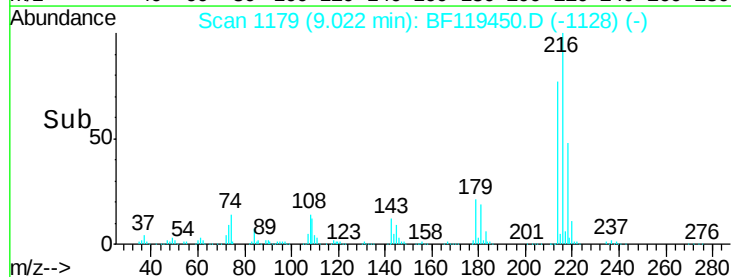
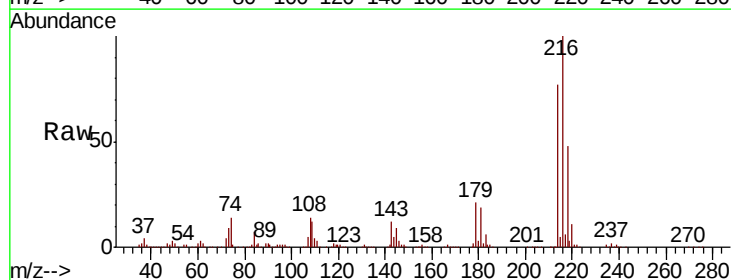
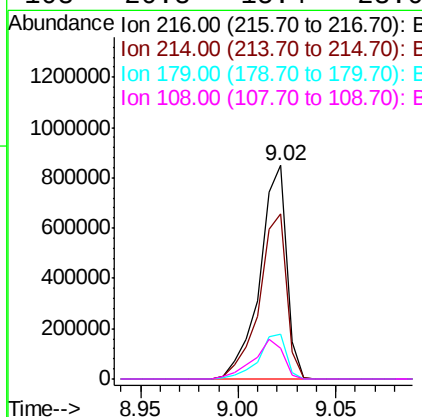
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.288 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.0	94.6	
179	21.5	17.0	25.4	
108	20.8	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 80.851 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

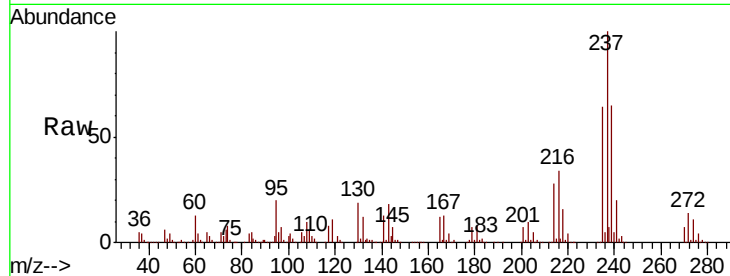
ClientSampleId :

TP-11AMS

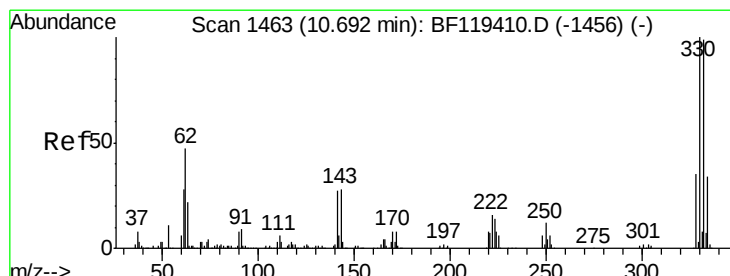
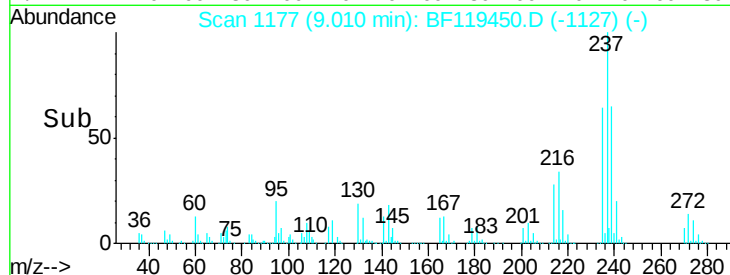
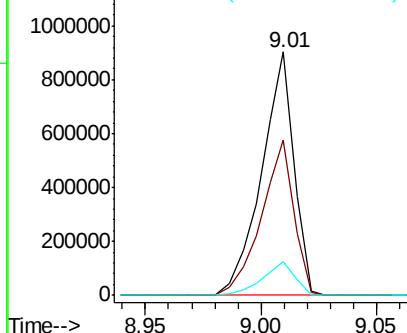
Tot Ion:	237	Resp:	879069
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.5	82.5
272	13.8	0.0	34.3

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: 108.421 ng

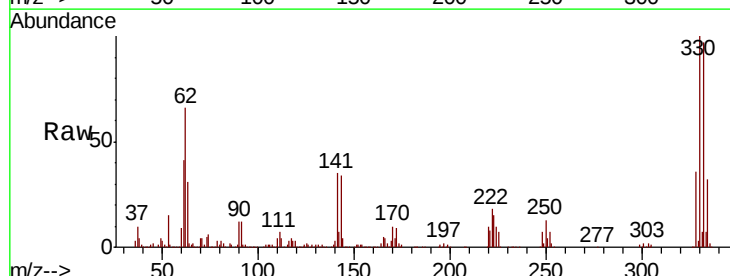
RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

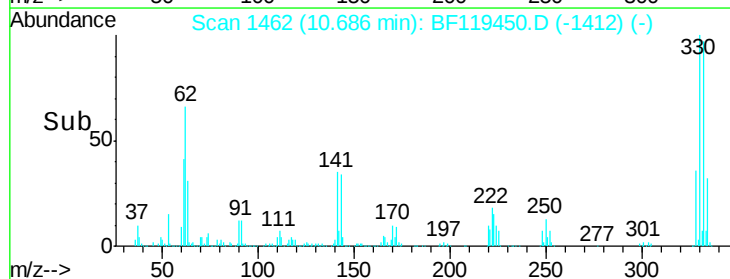
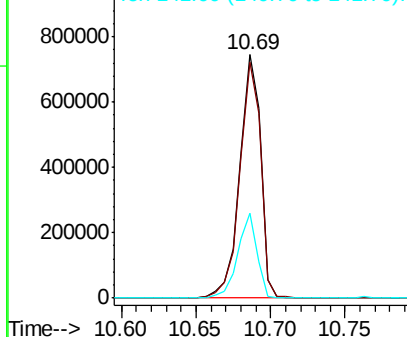
Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	330	Resp:	729832
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.6	116.4
141	32.4	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





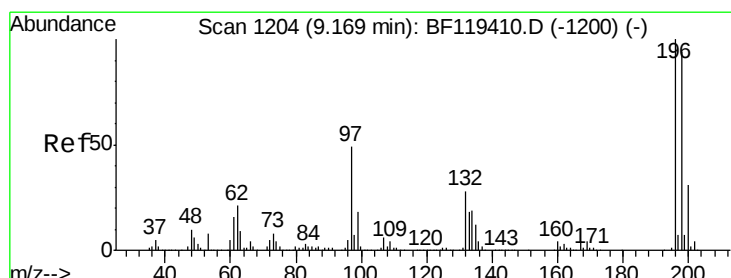
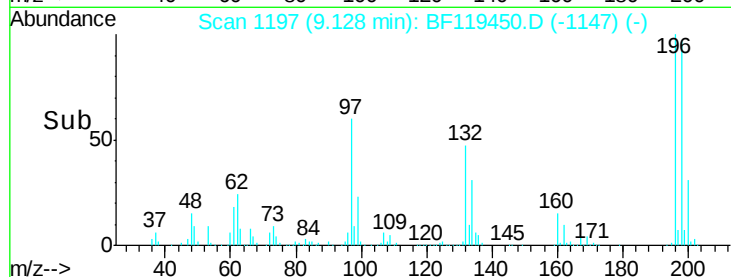
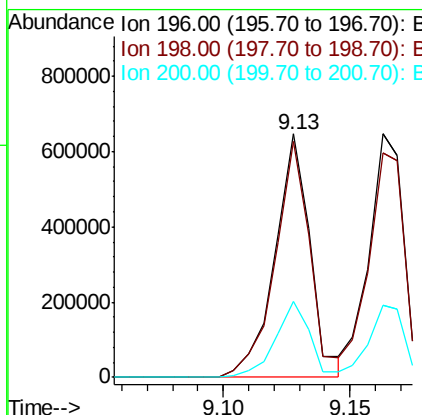
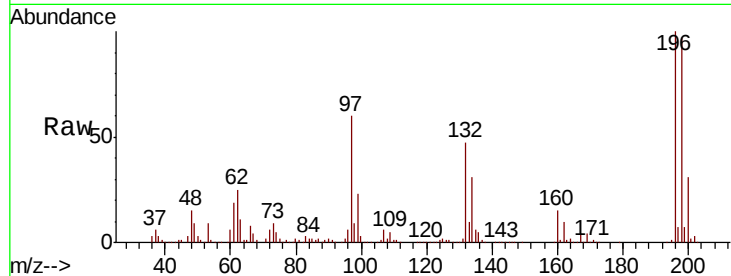
#43
2,4,6-Trichlorophenol
Concen: 45.492 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampled :
TP-11AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	622609		
198	97.0		77.0	115.4
200	31.3		25.1	37.7

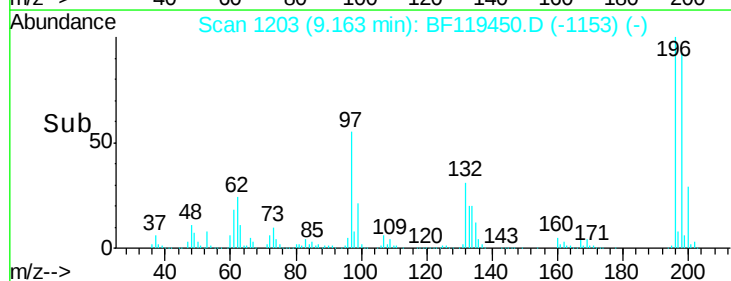
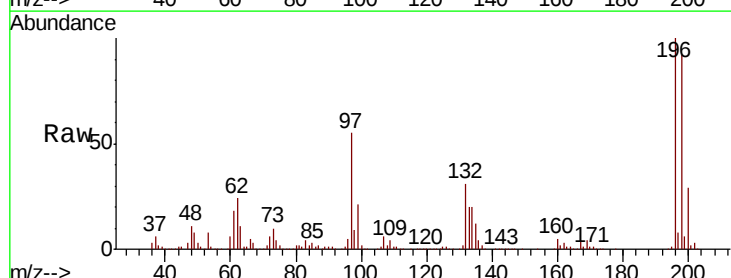
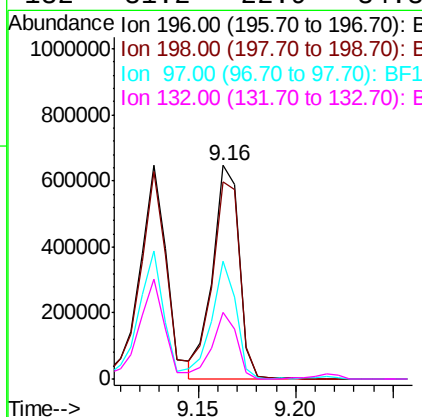
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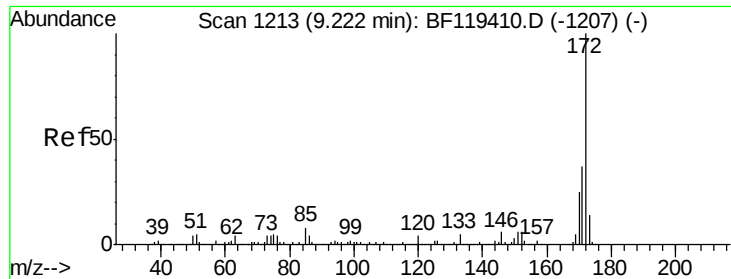
mohammad
3/20/2020 11:47:25 AM



#44
2,4,5-Trichlorophenol
Concen: 40.032 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	613763		
198	92.3		75.3	112.9
97	54.9		39.0	58.4
132	31.2		22.9	34.3





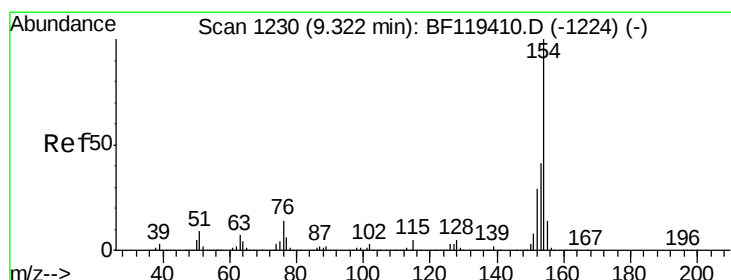
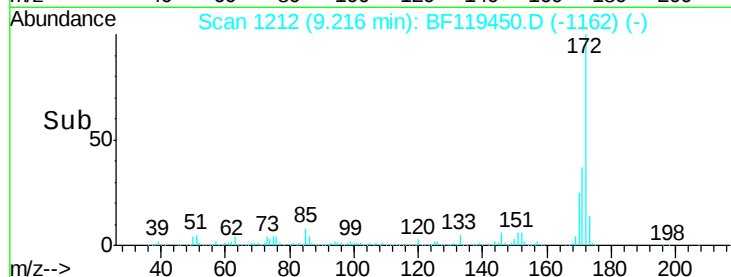
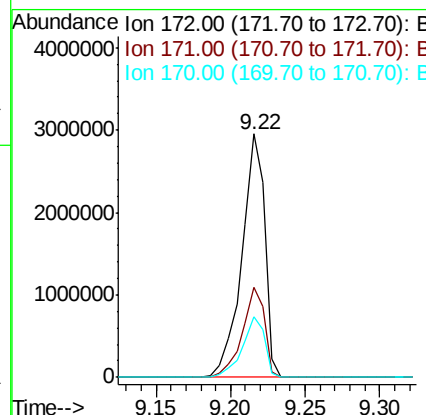
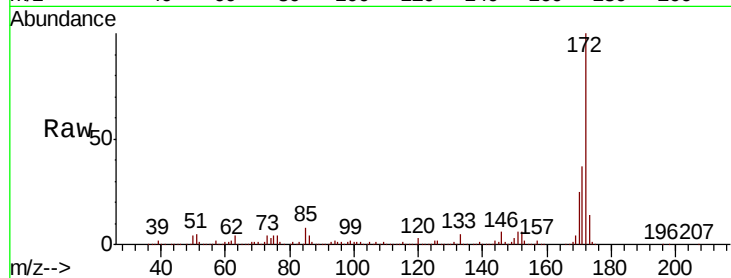
#45
2-Fluorobiphenyl
Concen: 71.416 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	25.1	20.1	30.1

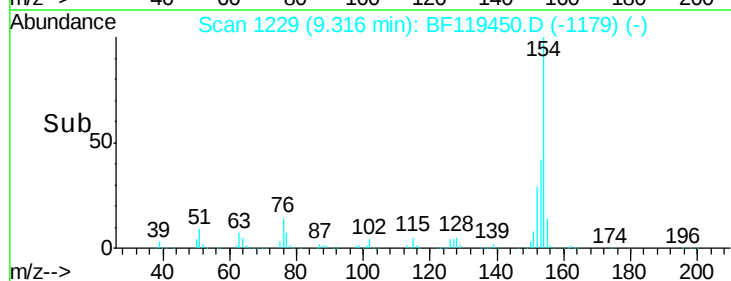
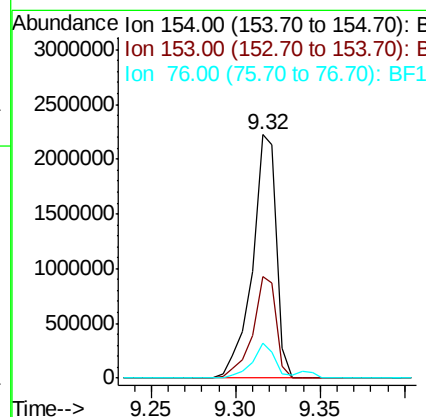
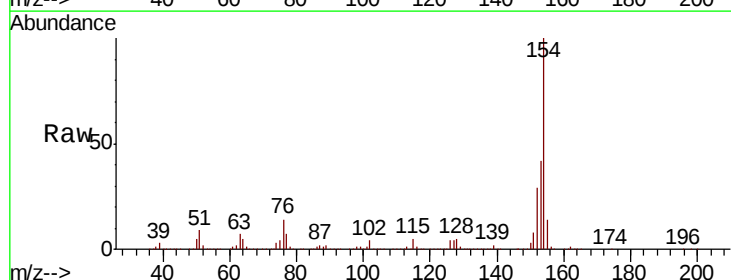
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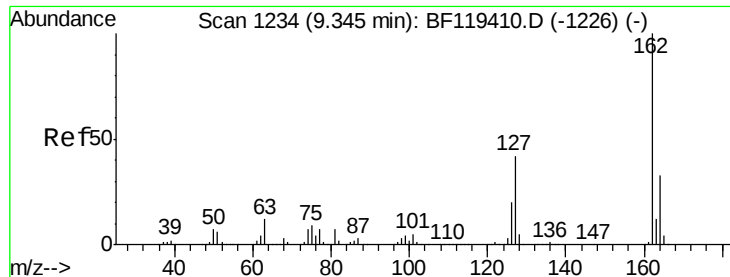
mohammad
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#46
1,1'-Biphenyl
Concen: 41.697 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	14.2	0.0	33.6





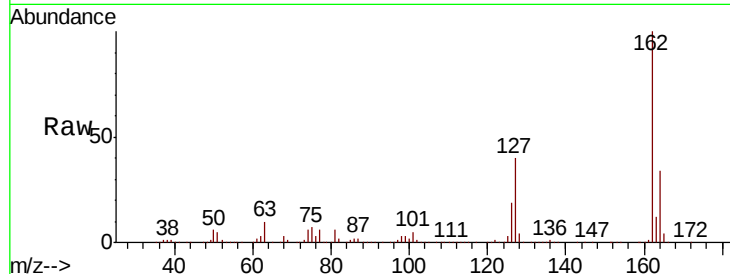
#47
2-Chloronaphthalene
Concen: 41.930 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

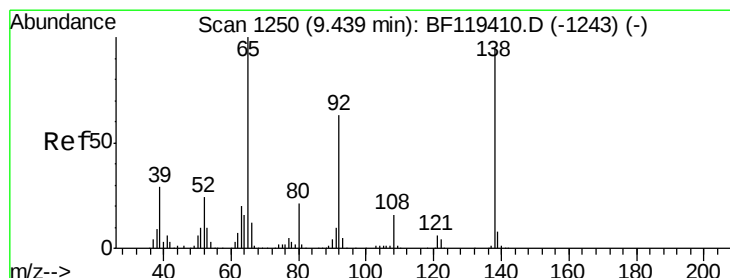
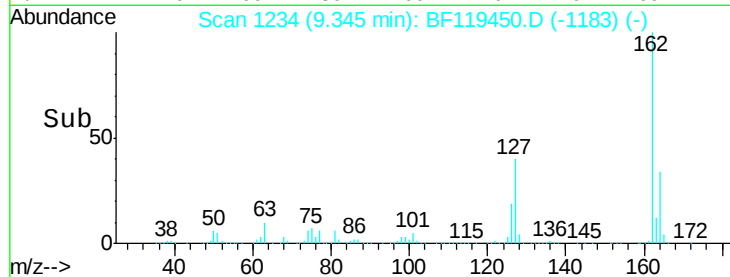
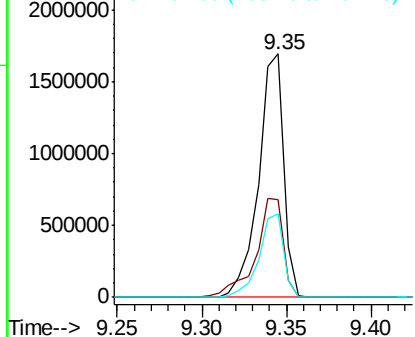
Tot Ion:162 Resp: 1745374
Ion Ratio Lower Upper
162 100
127 39.9 33.7 50.5
164 34.3 26.2 39.4

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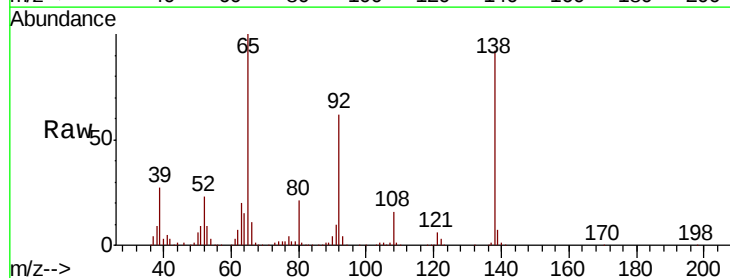


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

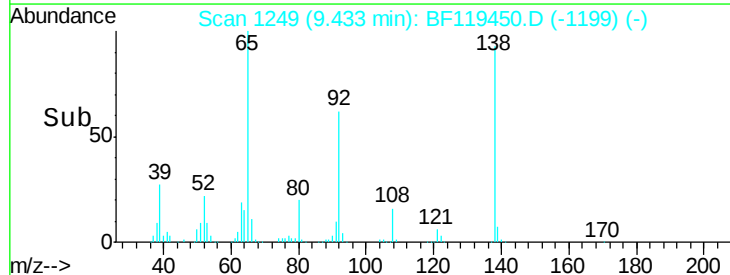
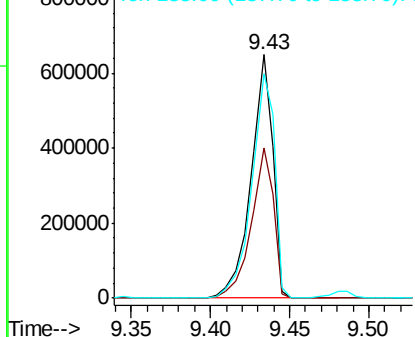


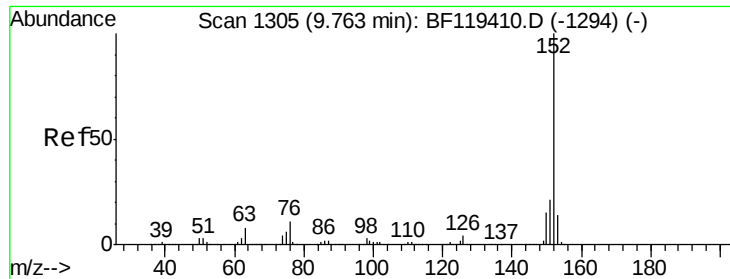
#48
2-Nitroaniline
Concen: 43.069 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion: 65 Resp: 618817
Ion Ratio Lower Upper
65 100
92 61.9 50.5 75.7
138 92.4 75.8 113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





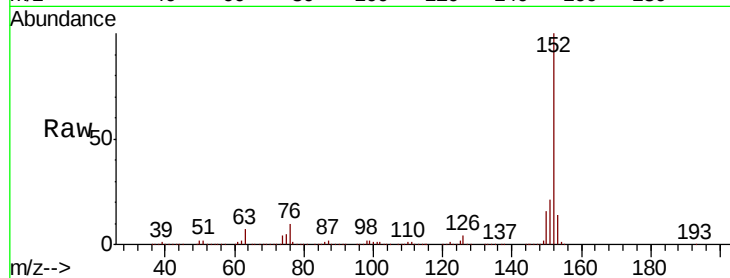
#49
Acenaphthylene
Concen: 42.234 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	21.0	16.8	25.2	
153	13.6	11.2	16.8	

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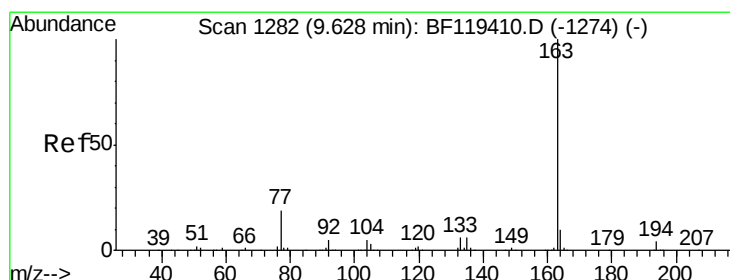
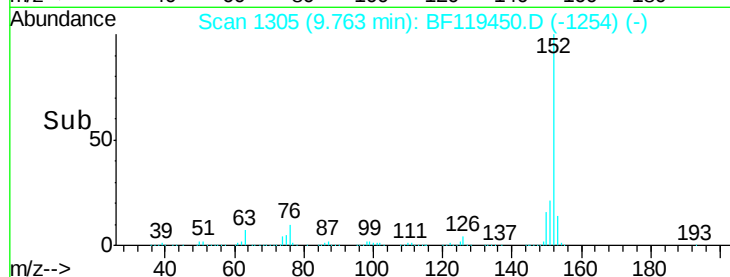
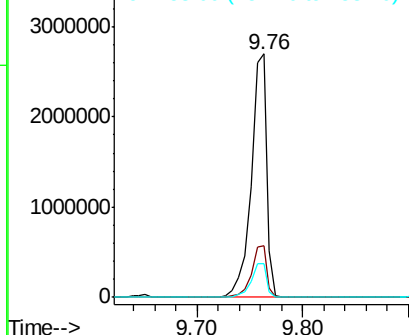


Abundance

Ion 152.00 (151.70 to 152.70): E

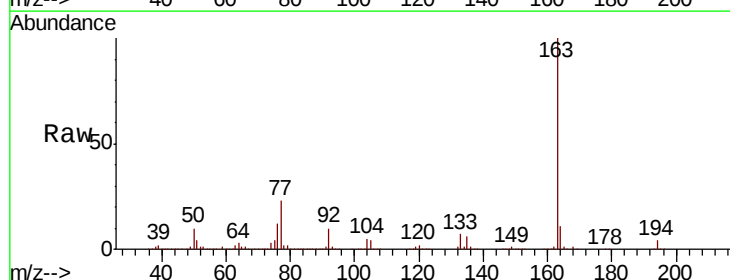
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 47.054 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.0	3.2	4.8	
164	10.8	8.1	12.1	

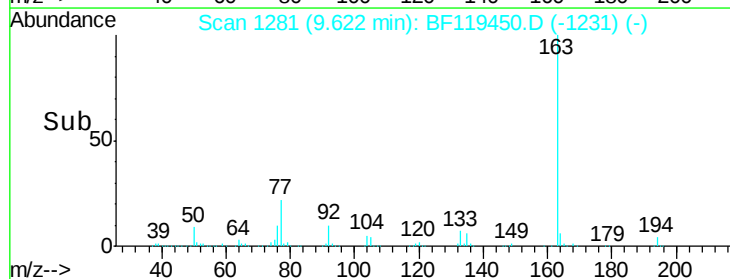
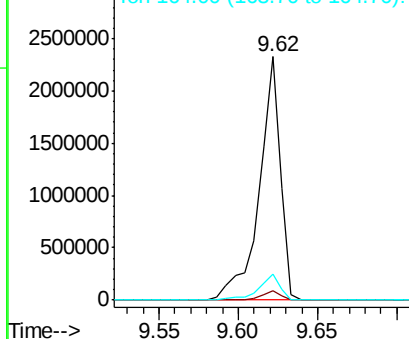


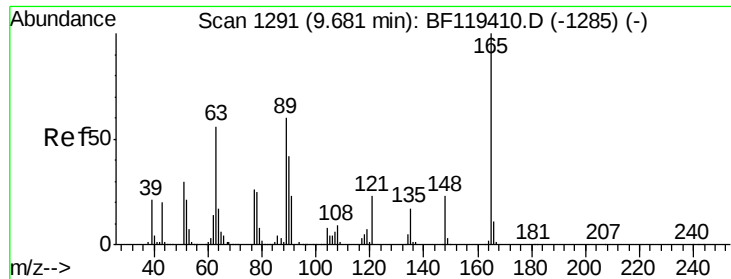
Abundance

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: 44.771 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

ClientSampleId :

TP-11AMS

Tot Ion:165 Resp: 444755

Ion Ratio Lower Upper

165 100

63 56.6 57.3 85.9#

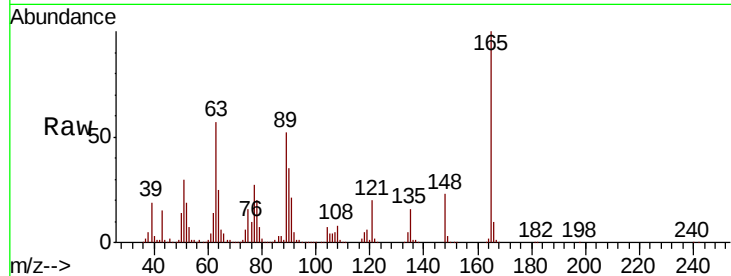
89 51.7 47.8 71.8

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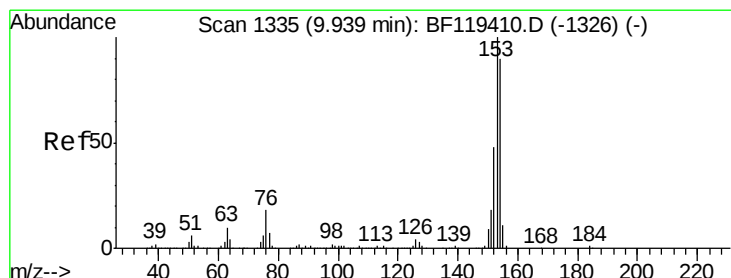
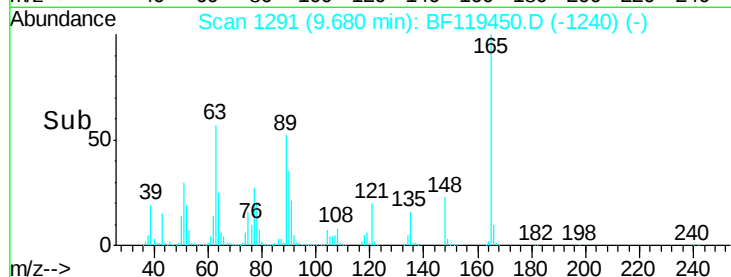
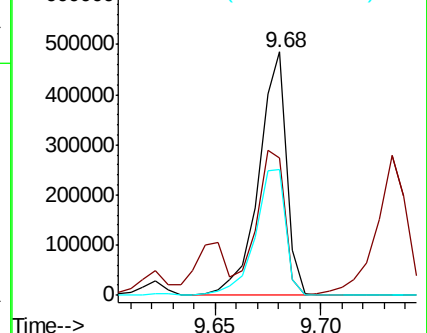
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.139 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

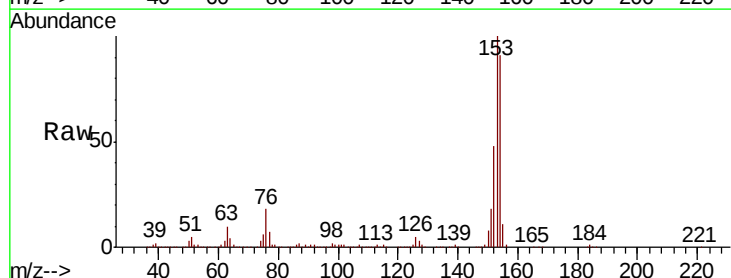
Tgt Ion:154 Resp: 1798753

Ion Ratio Lower Upper

154 100

153 110.1 89.0 133.6

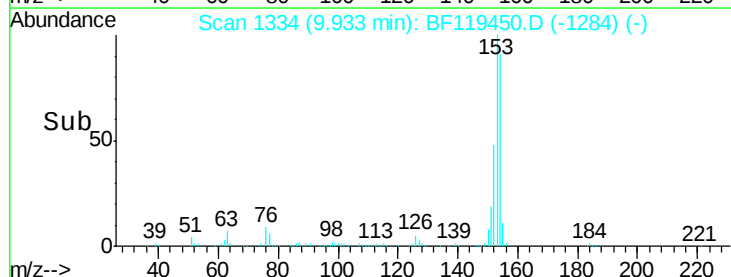
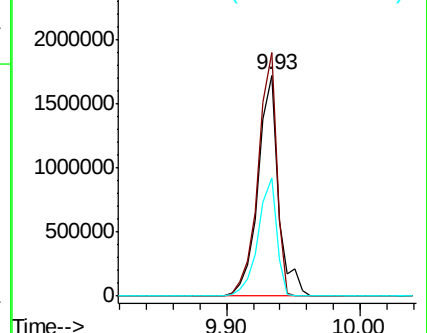
152 53.4 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





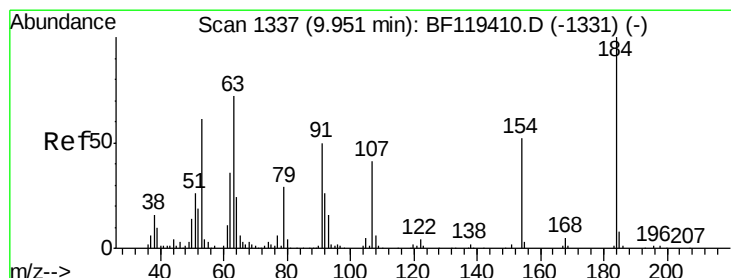
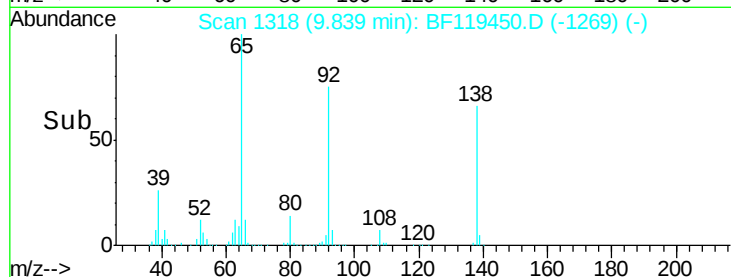
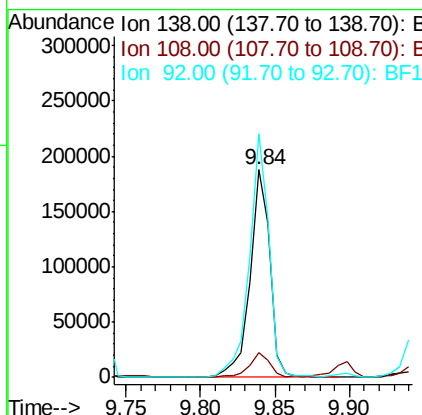
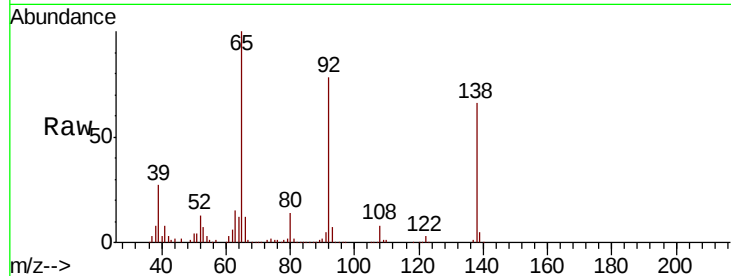
#53
3-Nitroaniline
Concen: 13.646 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.6
92	117.5	93.2	139.8

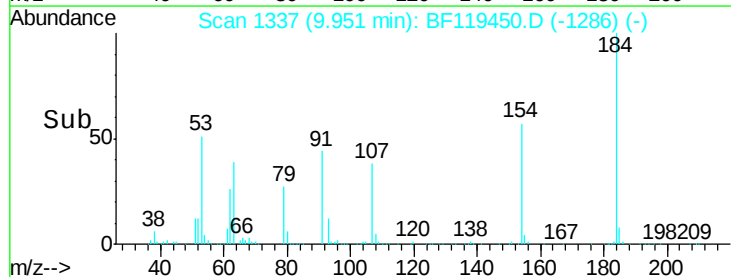
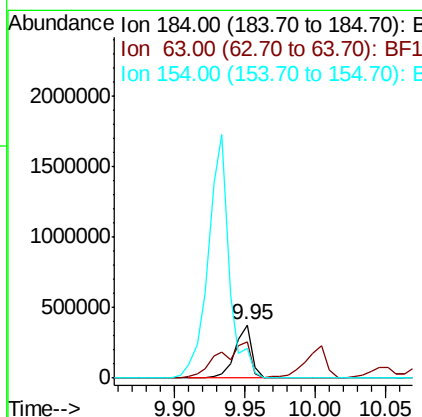
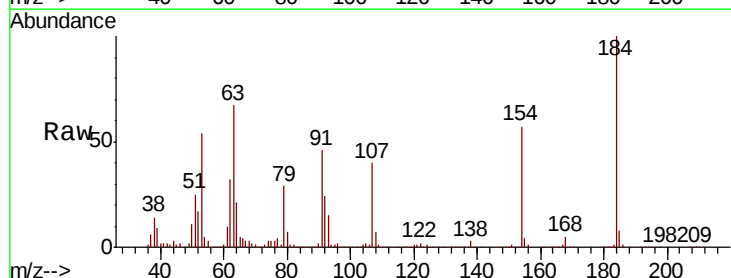
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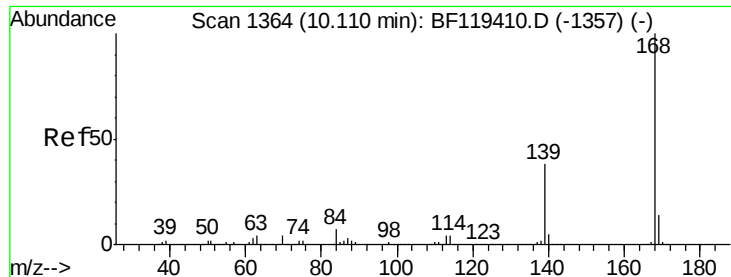
mohammad
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#54
2,4-Dinitrophenol
Concen: 73.039 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.1	58.5	87.7
154	56.7	51.8	77.6





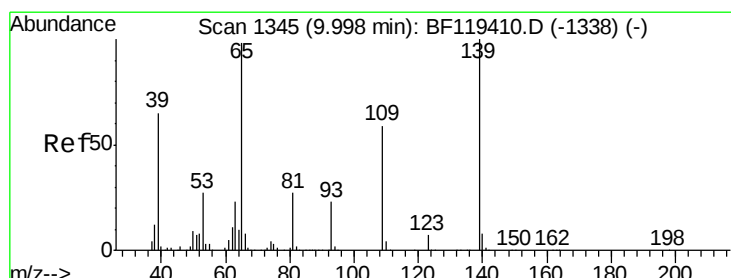
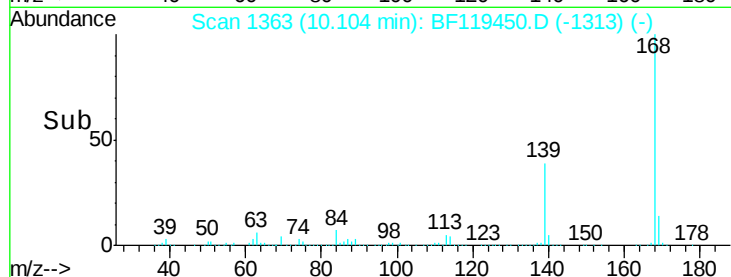
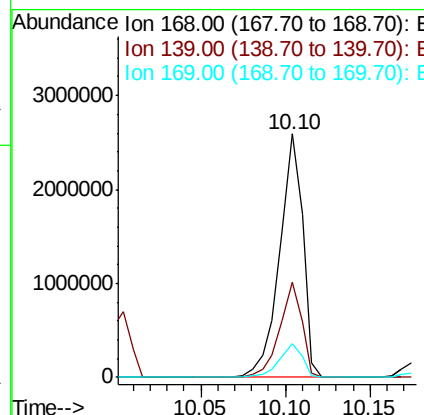
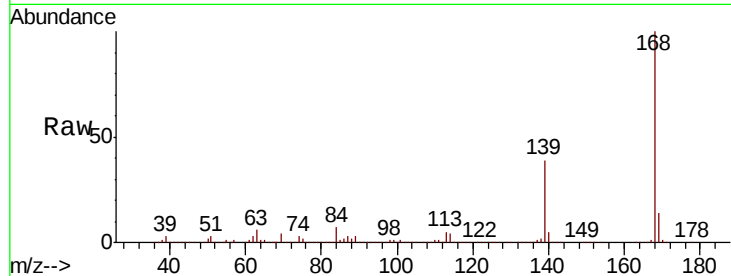
#55
Dibenzofuran
Concen: 42.242 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.2	45.4
169	14.1	11.1	16.7

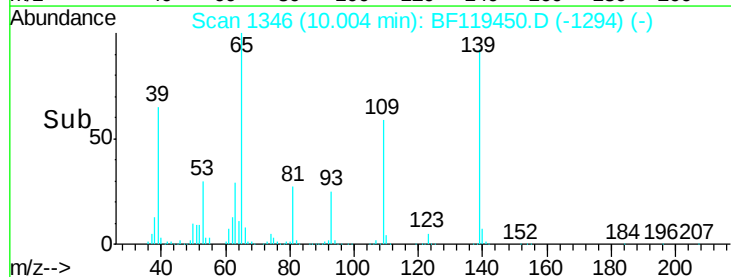
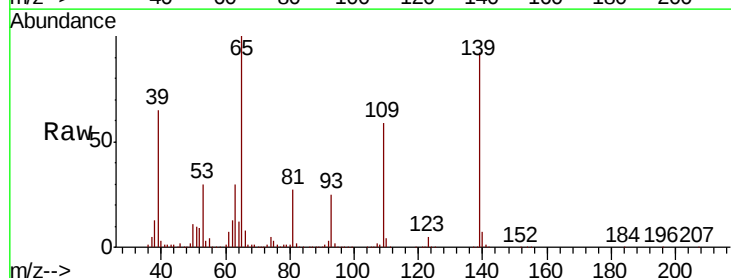
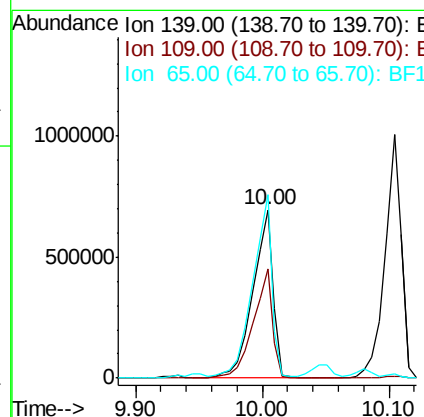
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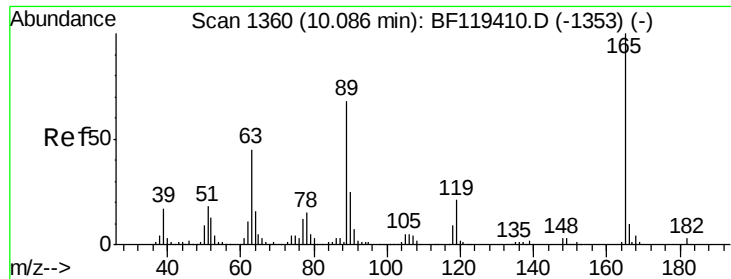
mohammad
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#56
4-Nitrophenol
Concen: 78.150 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.5	39.6	79.6
65	109.1	78.3	118.3





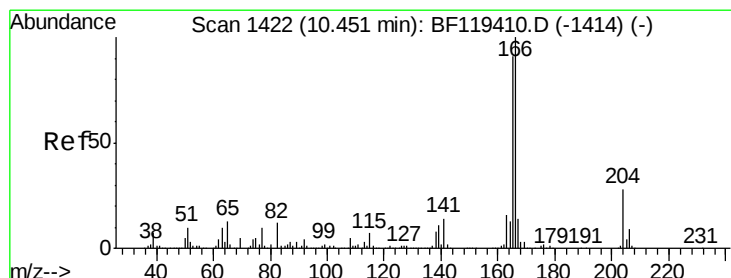
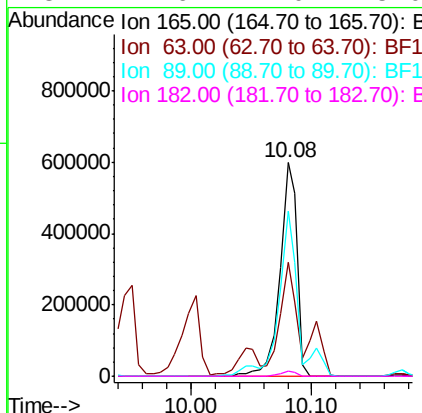
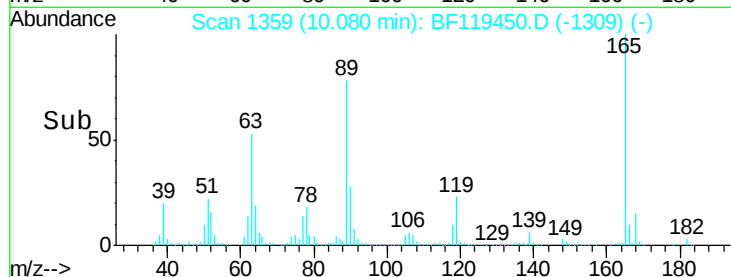
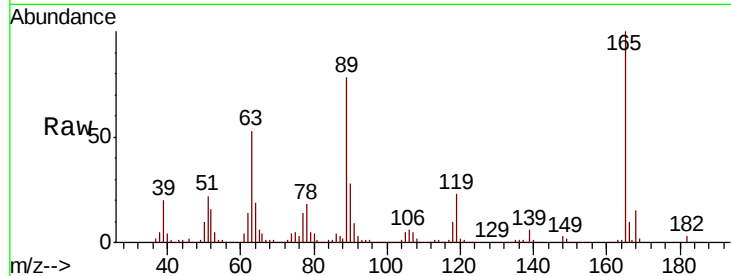
#57
2,4-Dinitrotoluene
Concen: 46.833 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		586076		
63	53.3	36.2		54.4	
89	77.5	54.3		81.5	
182	2.6	2.0		3.0	

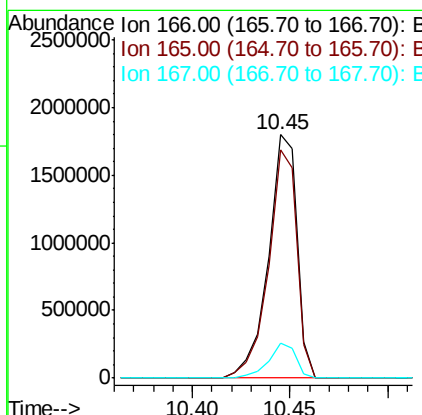
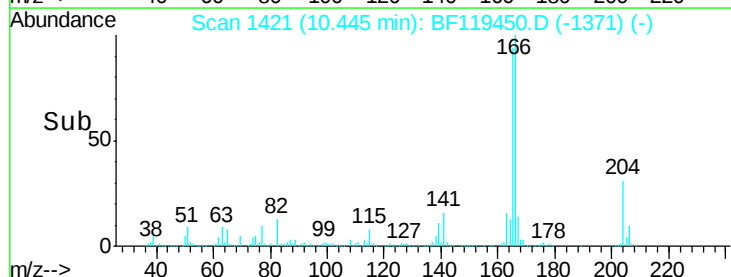
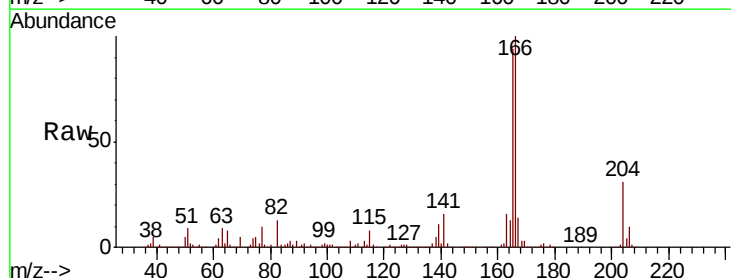
Manual Integrations
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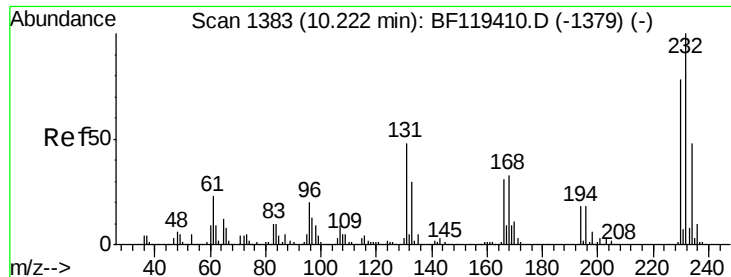
mohammad
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#58
Fluorene
Concen: 42.258 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1825820		
165	93.5	73.1		109.7	
167	14.4	11.0		16.6	





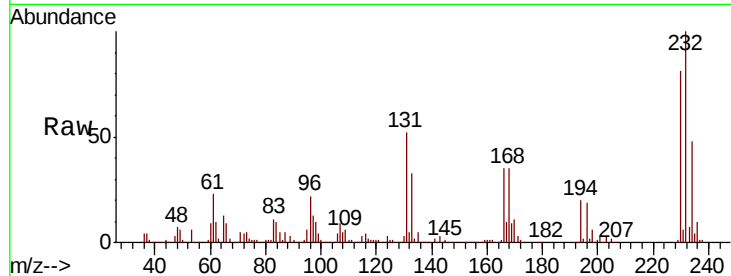
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.492 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMS

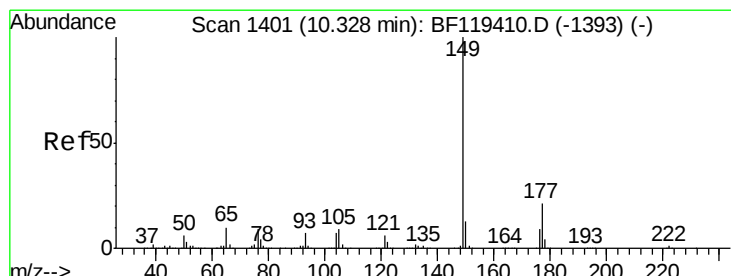
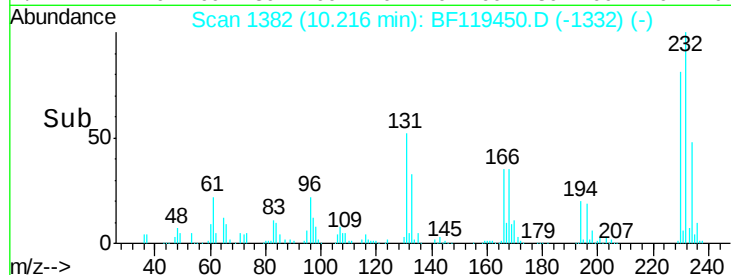
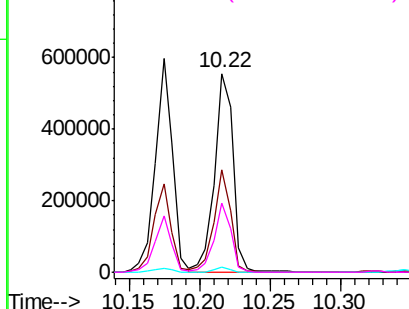
Tot Ion:	232	Resp:	509886
Ion Ratio	Lower	Upper	
232	100		
131	46.7	36.3	54.5
130	2.2	1.8	2.6
166	31.5	24.9	37.3

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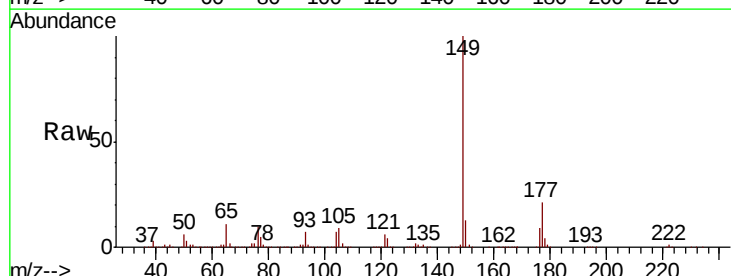


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

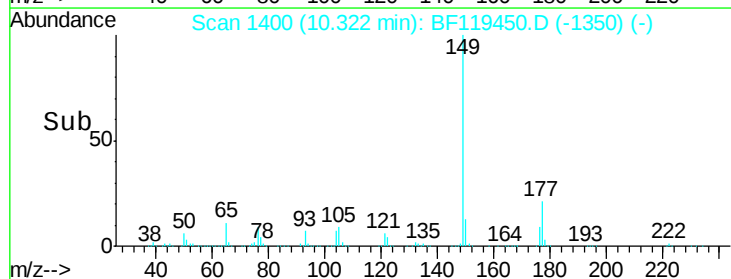
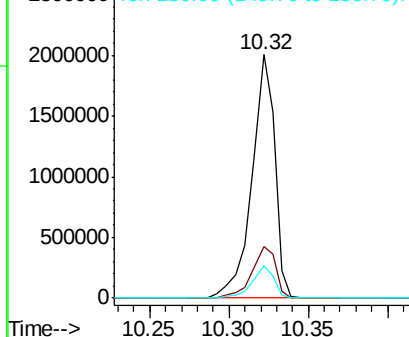


#60
 Diethylphthalate
 Concen: 42.474 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Tgt Ion:	149	Resp:	1997908
Ion Ratio	Lower	Upper	
149	100		
177	21.4	17.0	25.6
150	13.4	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





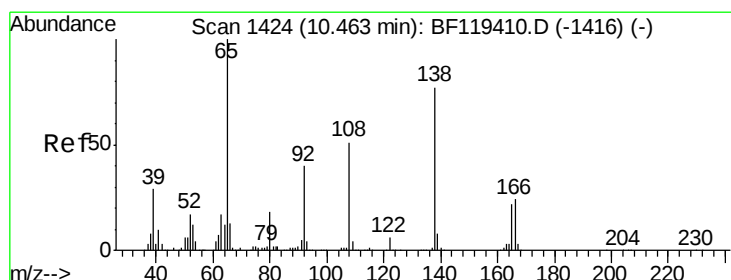
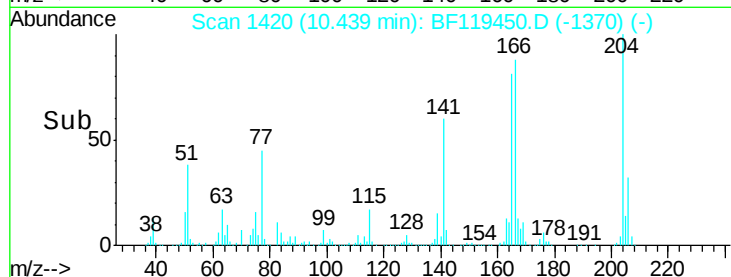
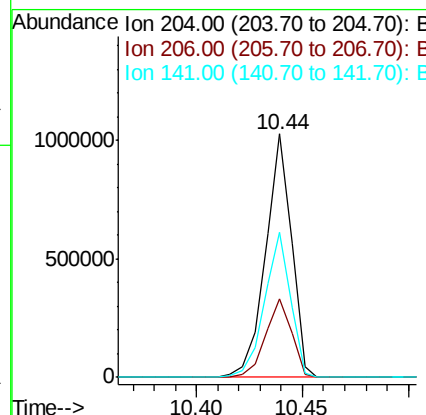
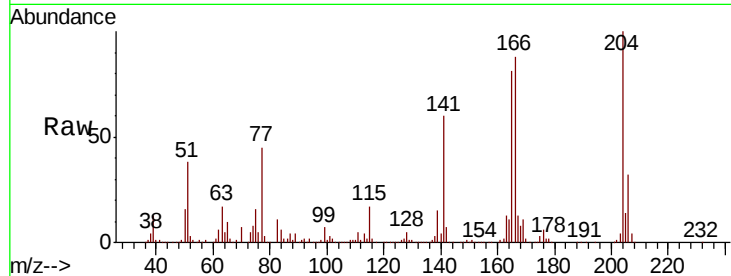
#61
4-Chlorophenyl-phenylether
Concen: 41.733 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	59.7	48.8	73.2

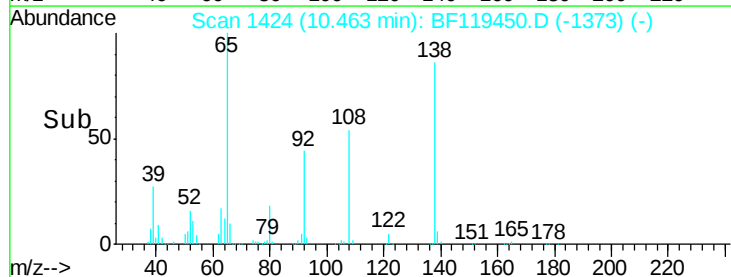
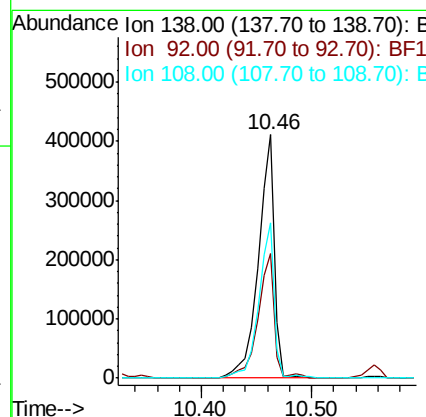
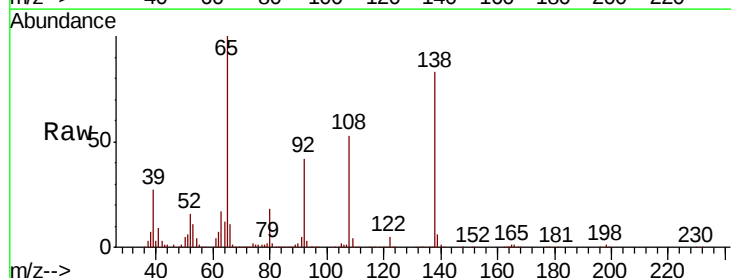
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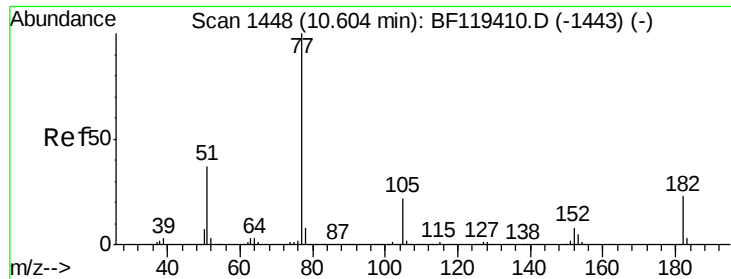
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#62
4-Nitroaniline
Concen: 34.807 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	32.0	72.0
108	63.7	46.0	86.0





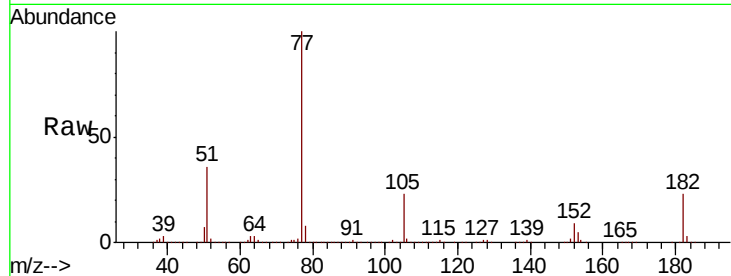
#63
Azobenzene
Concen: 41.413 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

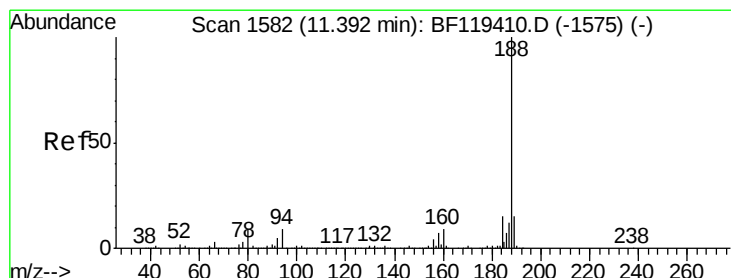
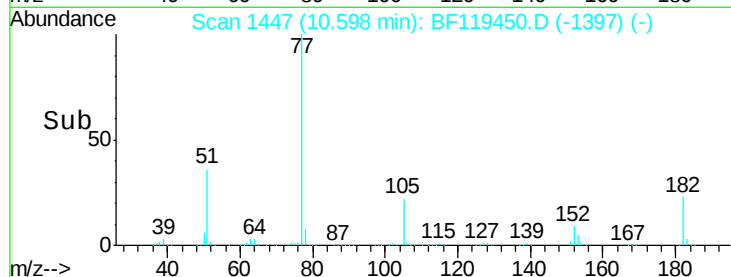
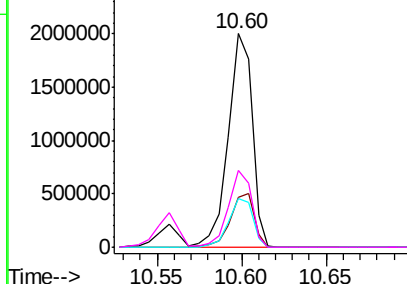
Tot Ion: 77 Resp: 1961663
Ion Ratio Lower Upper
77 100
182 23.3 2.5 42.5
105 22.8 2.5 42.5
51 36.2 17.1 57.1

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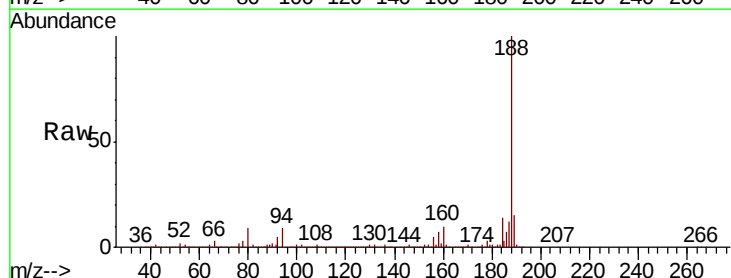


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

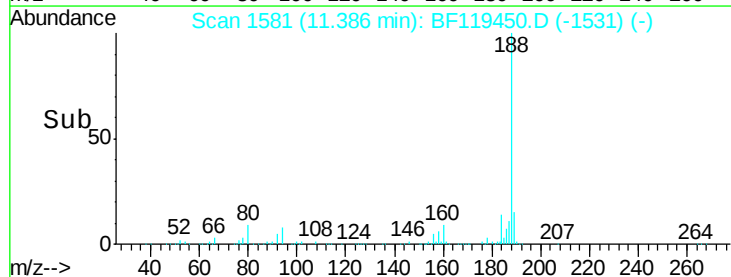
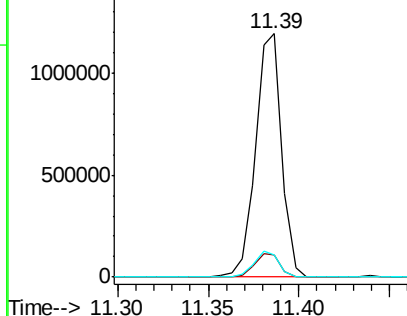


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion: 188 Resp: 1187713
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.3 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
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: 46.220 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

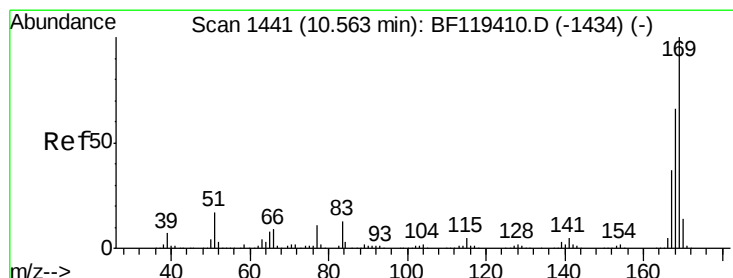
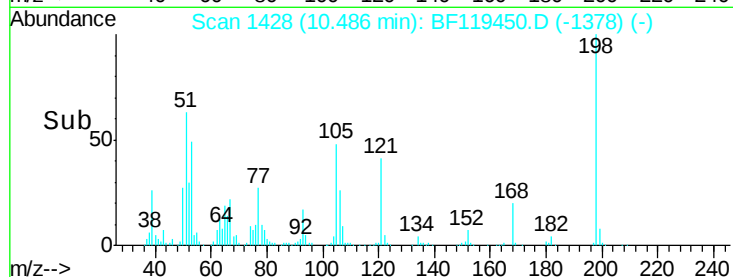
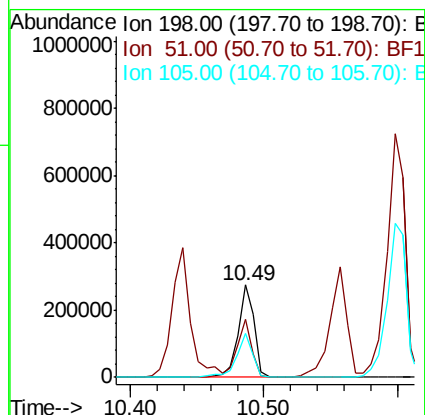
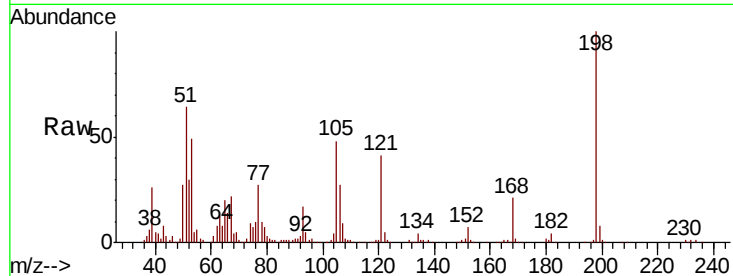
ClientSampled :

TP-11AMS

Tot Ion:	198	Resp:	230192
Ion Ratio	Lower	Upper	
198	100		
51	63.6	33.1	73.1
105	48.0	24.1	64.1

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#66

n-Nitrosodiphenylamine

Concen: 43.835 ng

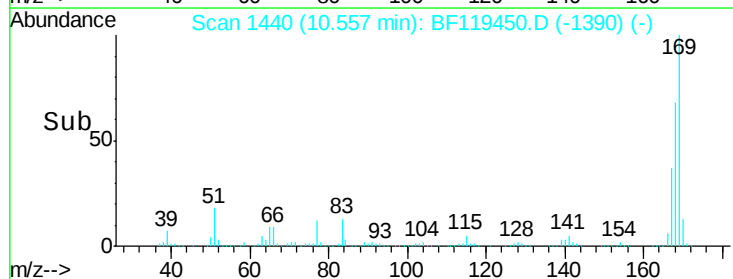
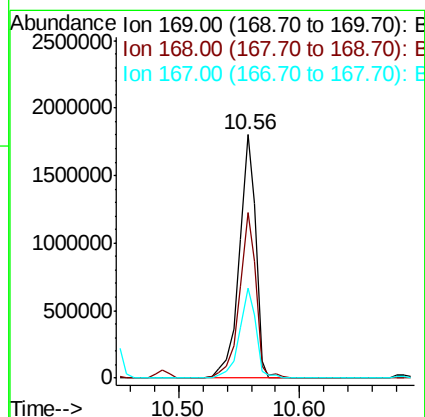
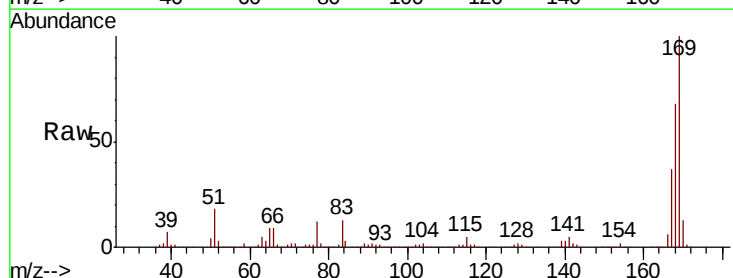
RT: 10.56 min Scan# 1440

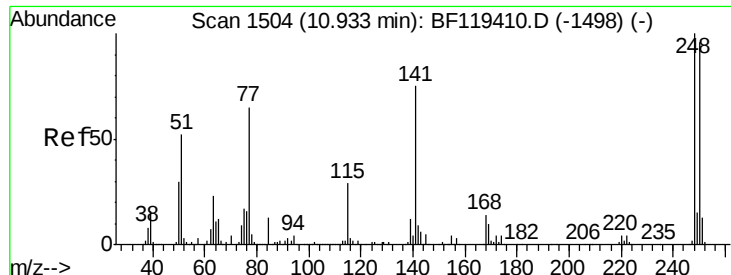
Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	169	Resp:	1709146
Ion Ratio	Lower	Upper	
169	100		
168	67.7	52.7	79.1
167	37.0	29.3	43.9





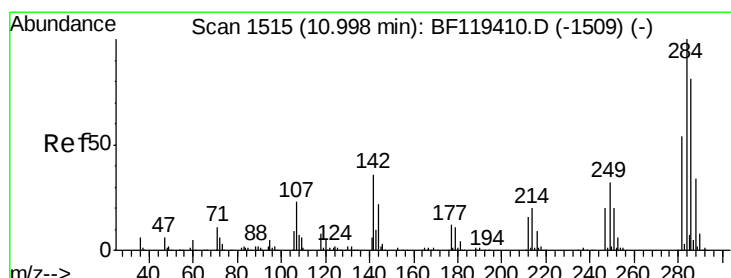
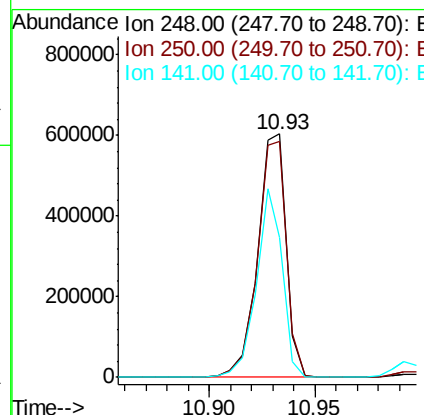
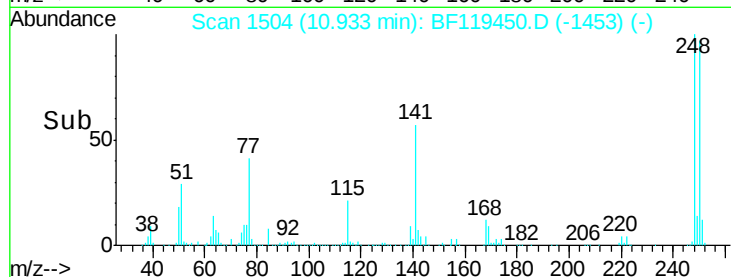
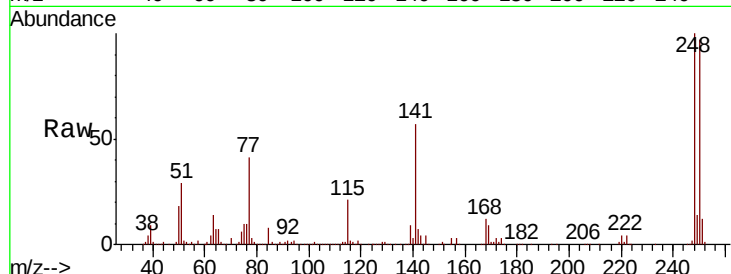
#67
4-Bromophenyl-phenylether
Concen: 42.012 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.0	115.6
141	57.2	59.7	89.5#

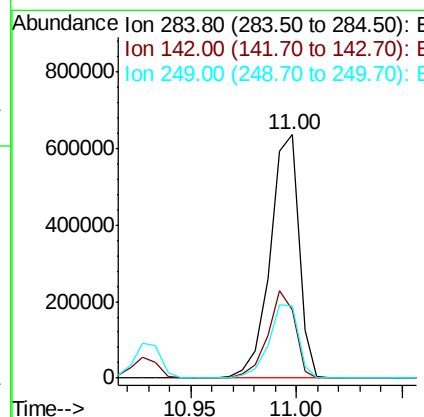
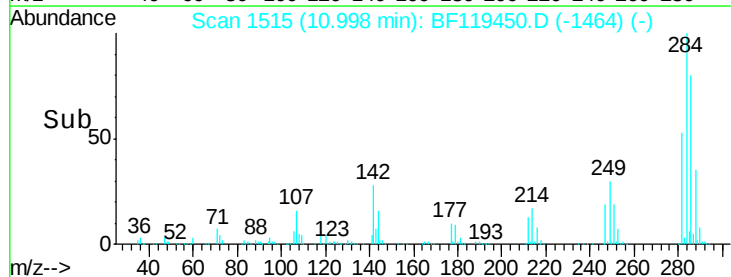
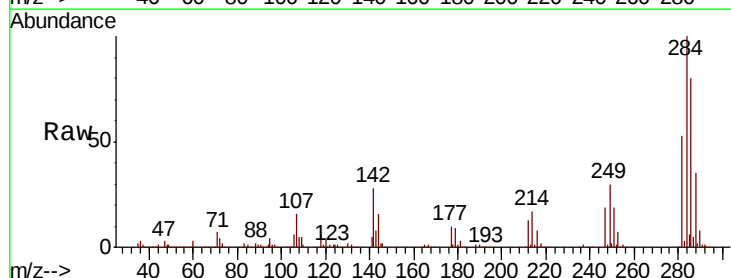
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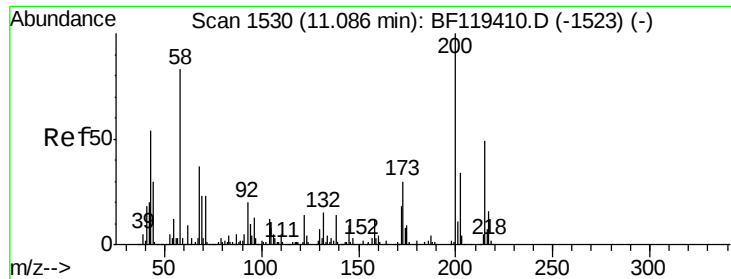
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#68
Hexachlorobenzene
Concen: 43.896 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	28.7	43.1#
249	29.7	25.4	38.0





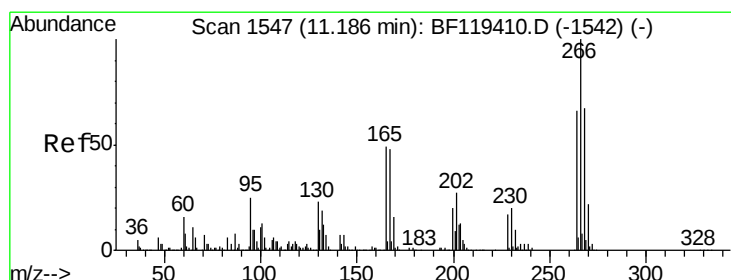
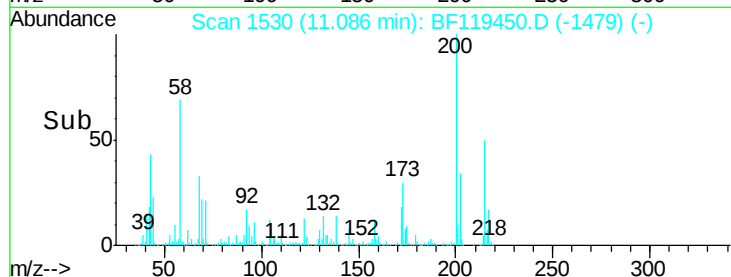
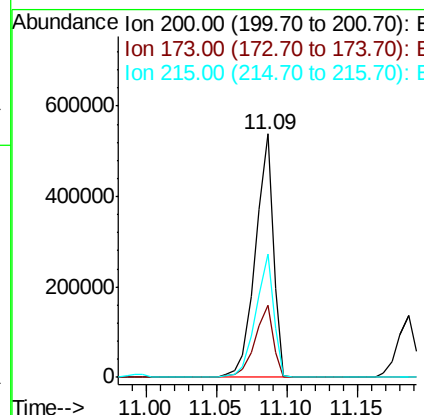
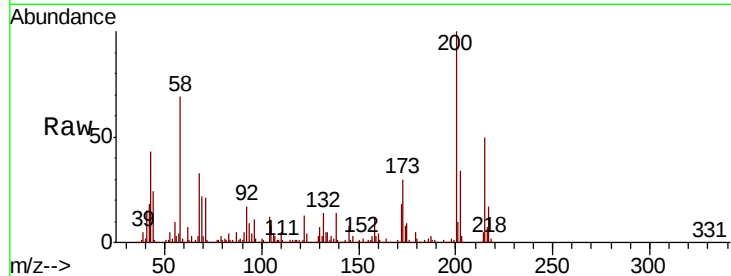
#69
Atrazine
Concen: 45.182 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	482968		
173	29.7		9.9	49.9
215	50.5		29.4	69.4

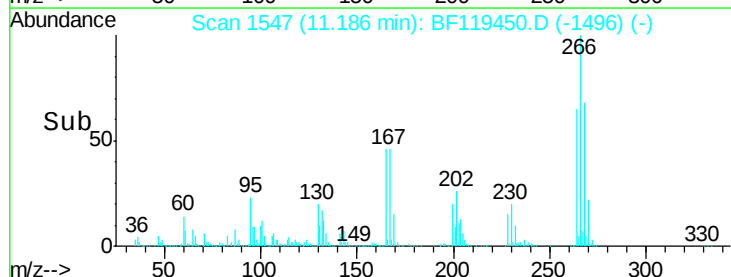
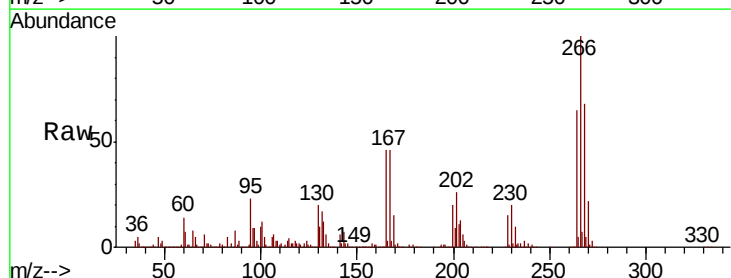
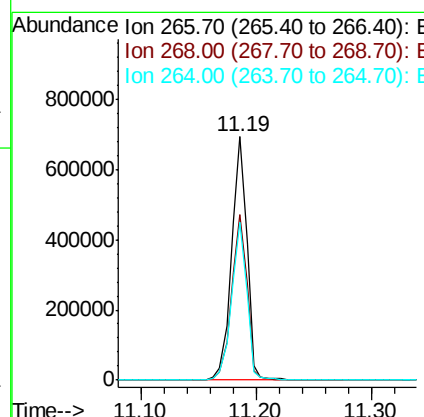
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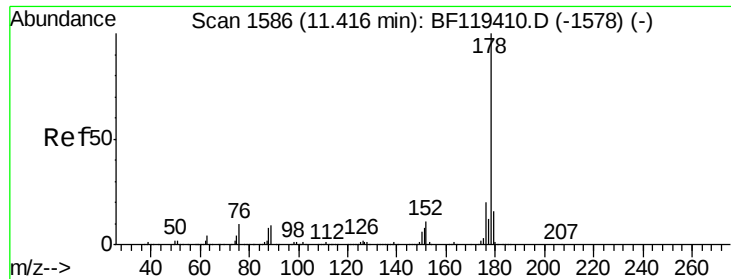
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#70
Pentachlorophenol
Concen: 79.122 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	642274		
268	67.9		53.7	80.5
264	65.0		52.5	78.7





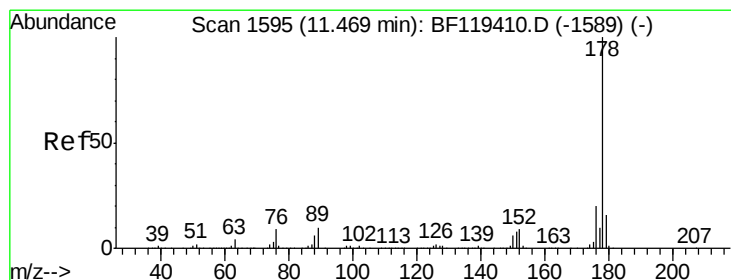
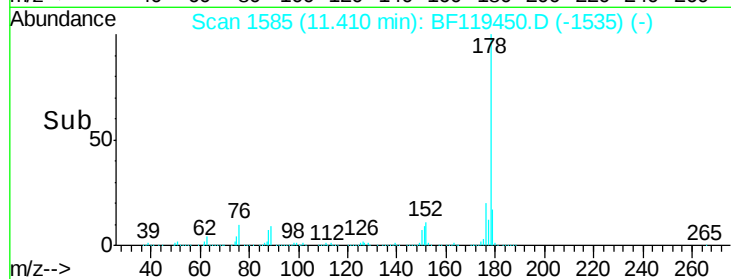
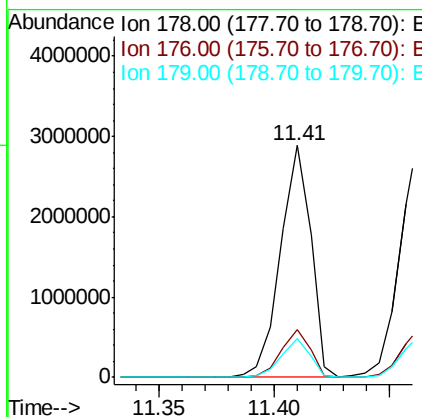
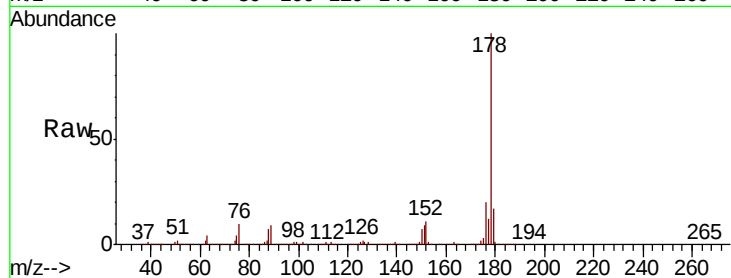
#71
Phenanthrene
Concen: 42.797 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion:178 Resp: 2635702
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.7 12.9 19.3

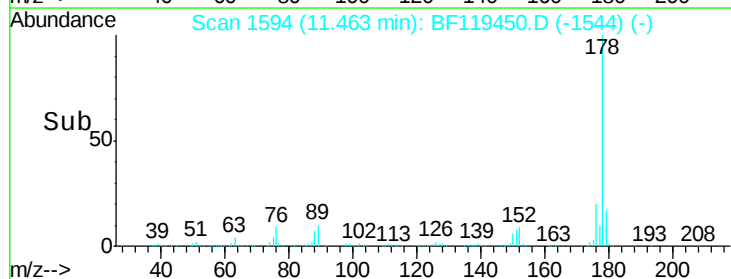
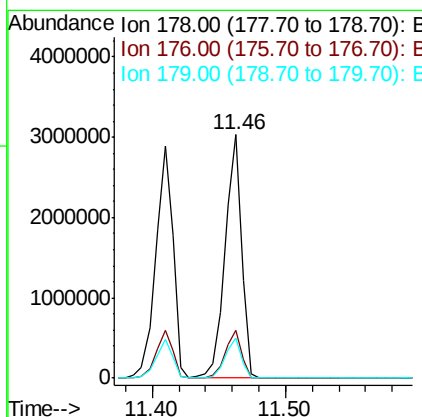
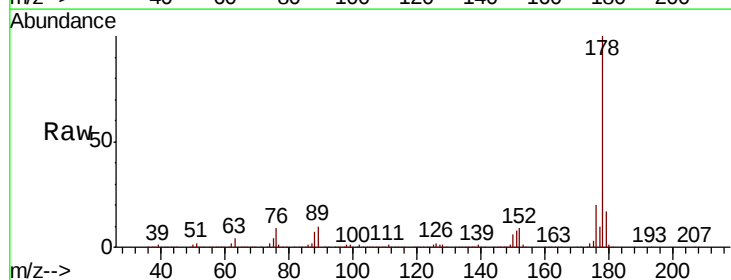
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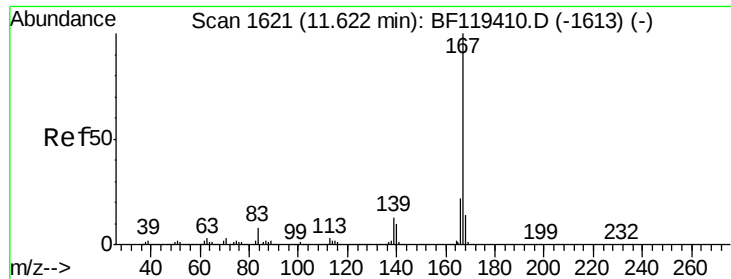
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#72
Anthracene
Concen: 42.616 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion:178 Resp: 2667469
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 16.7 13.1 19.7





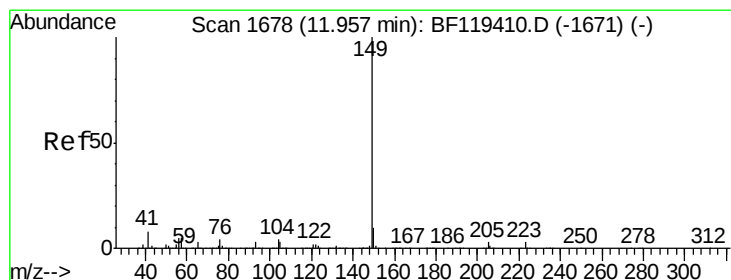
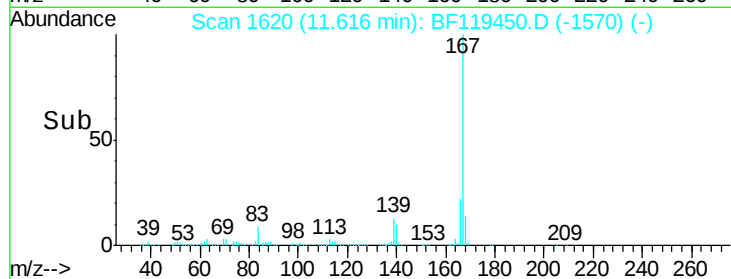
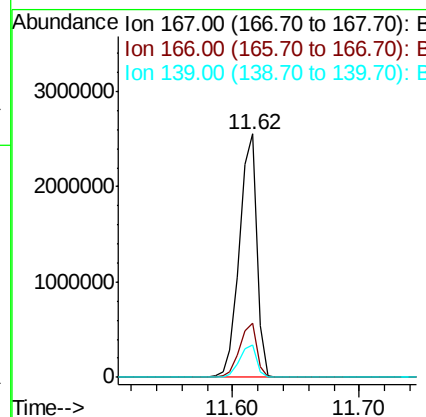
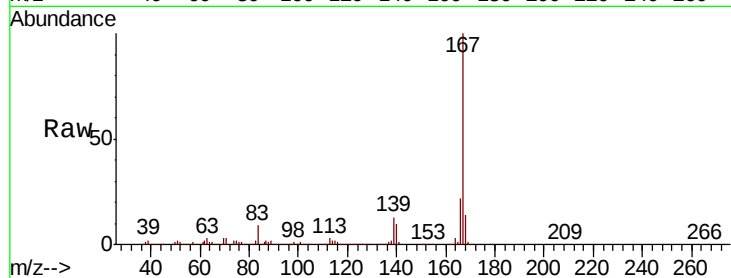
#73
 Carbazole
 Concen: 38.643 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	13.2	10.2	15.4

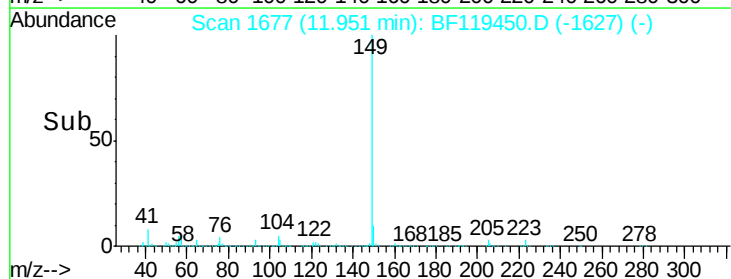
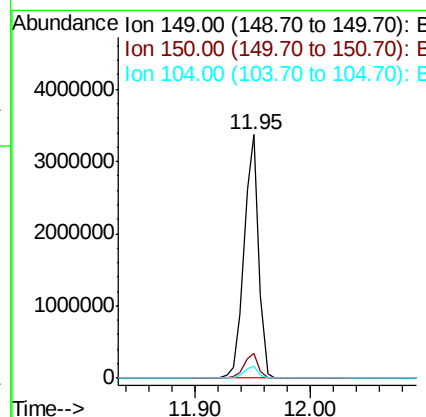
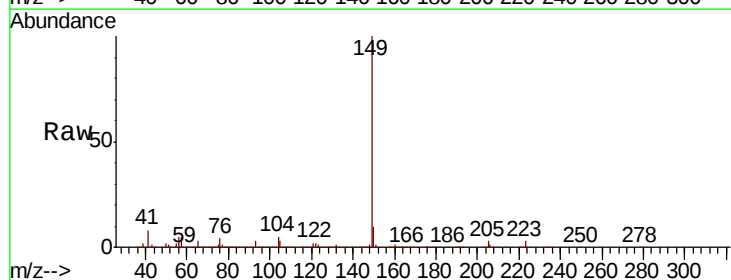
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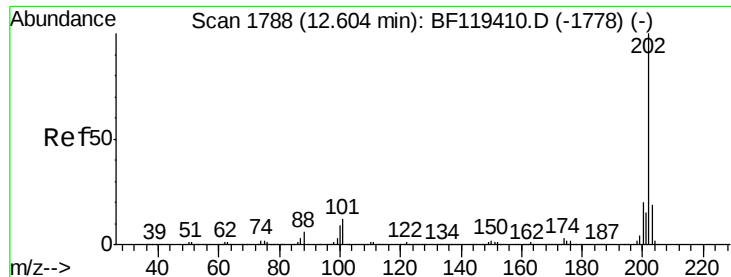
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#74
 Di-n-butylphthalate
 Concen: 44.033 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	4.7	3.5	5.3





#75

Fluoranthene

Concen: 40.245 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

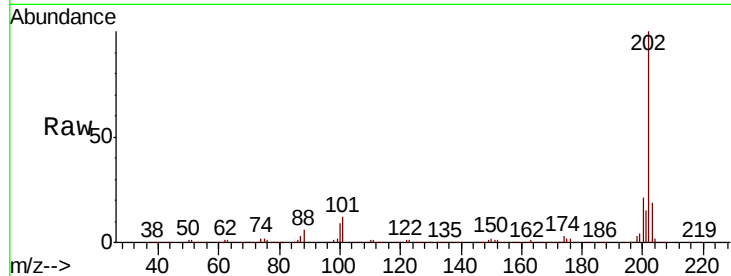
ClientSampleId :

TP-11AMS

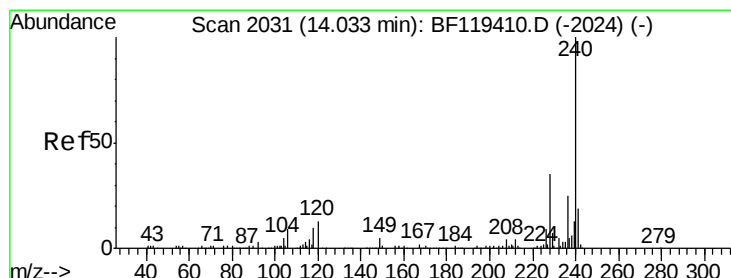
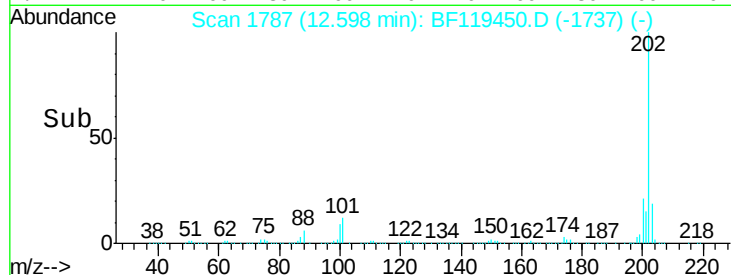
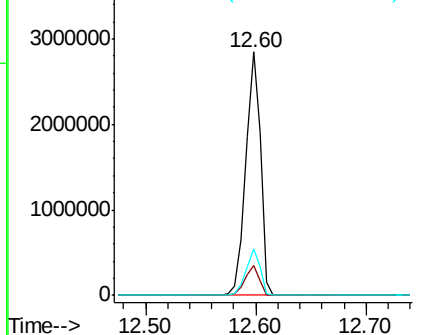
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2682341		
101	12.2	0.0	32.4		
203	19.0	0.0	38.5		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

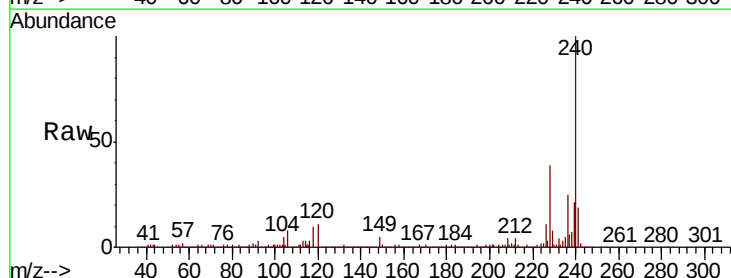
RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

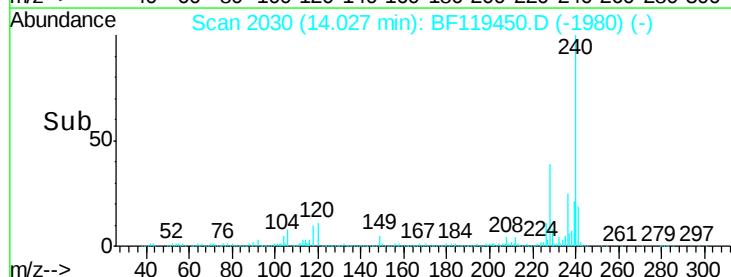
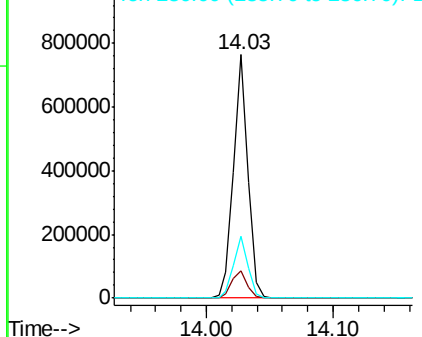
Lab File: BF119450.D

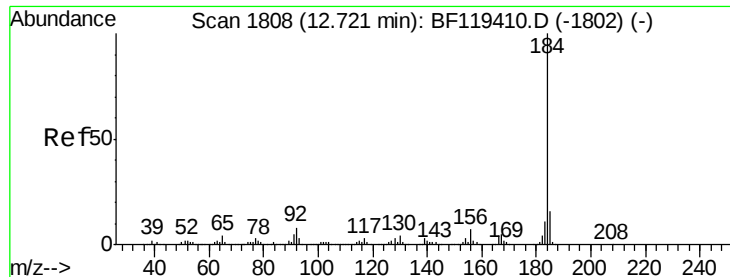
Acq: 19 Mar 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		593344		
120	11.2	10.2	15.4		
236	25.4	20.4	30.6		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.236 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

ClientSampleId :

TP-11AMS

Tot Ion:184 Resp: 859678

Ion Ratio Lower Upper

184 100

185 14.7 12.9 19.3

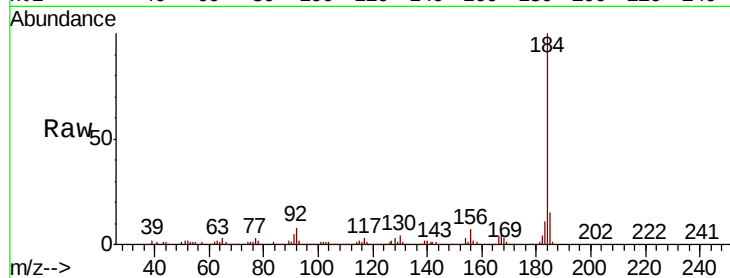
183 11.1 9.0 13.4

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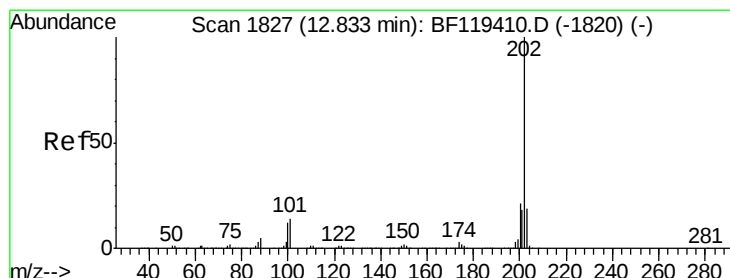
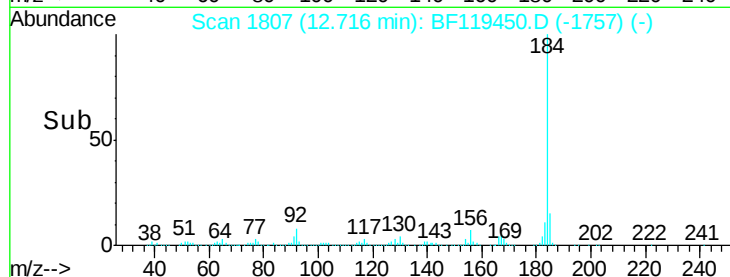
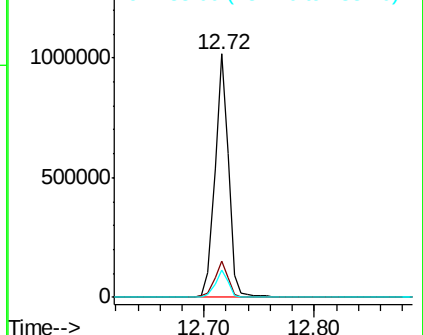
3/20/2020 11:47:25 AM



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: 53.235 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

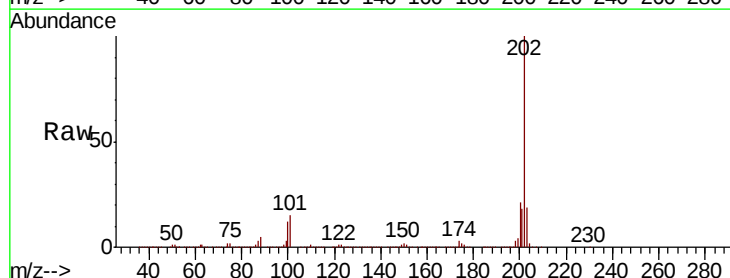
Tgt Ion:202 Resp: 2592307

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

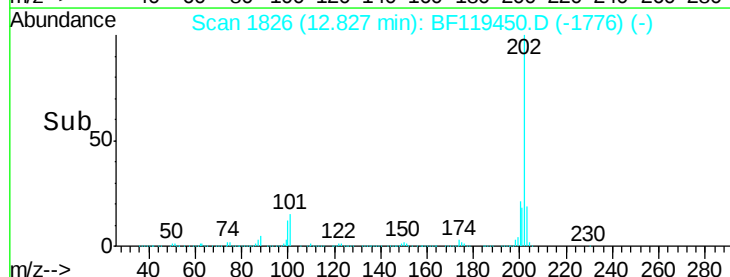
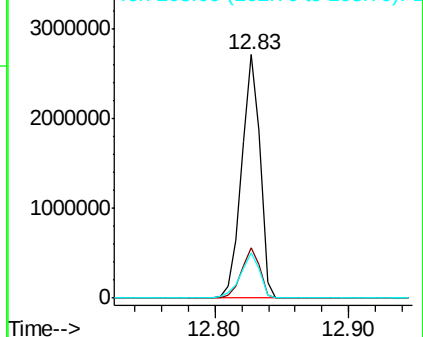
203 18.8 14.8 22.2



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





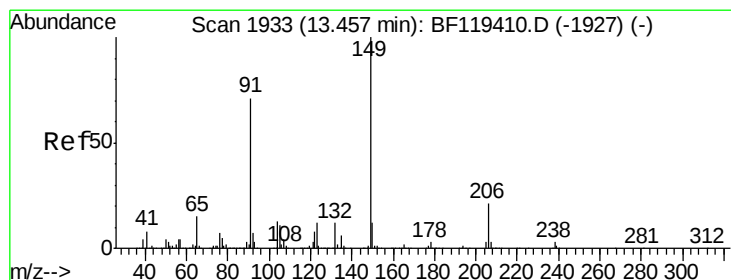
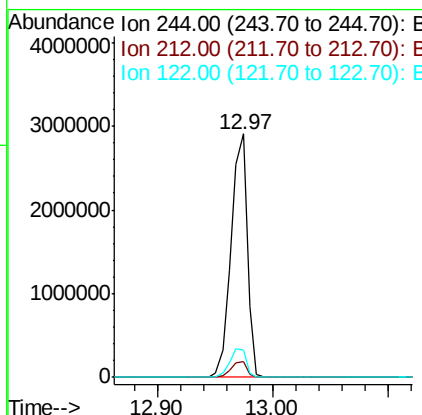
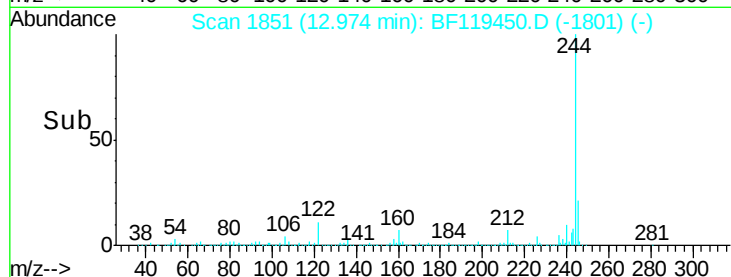
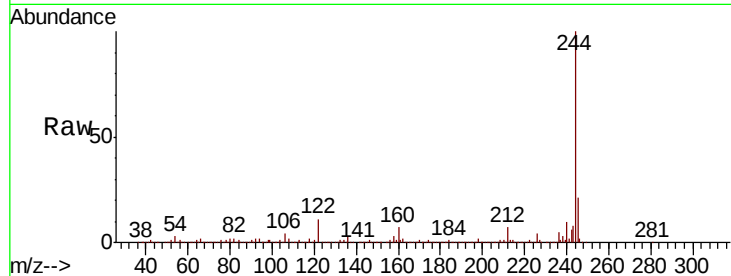
#79
 Terphenyl-d14
 Concen: 93.184 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.2	9.8	14.8

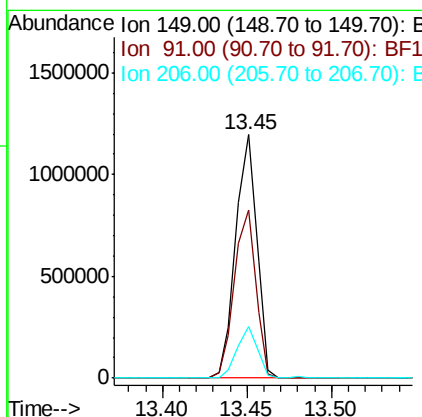
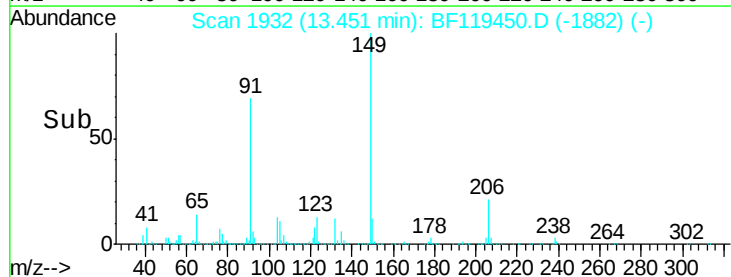
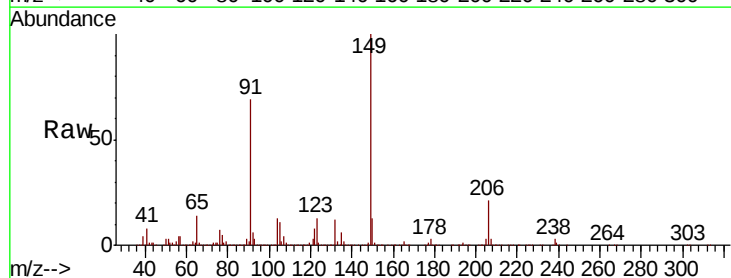
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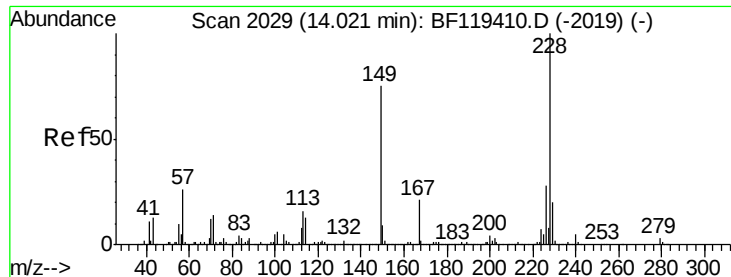
mohammad
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#80
 Butylbenzylphthalate
 Concen: 52.943 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF119450.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	57.0	85.6
206	21.0	16.4	24.6





#81

Benzo(a)anthracene

Concen: 47.037 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

ClientSampleId :

TP-11AMS

Tot Ion:228 Resp: 1814873

Ion Ratio Lower Upper

228 100

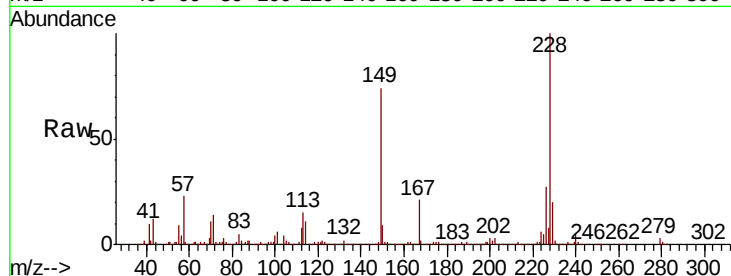
226 27.3 22.3 33.5

229 19.9 16.3 24.5

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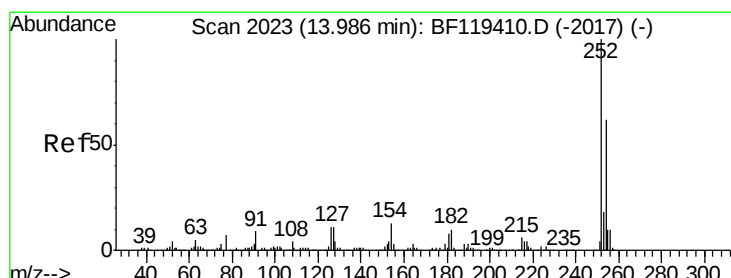
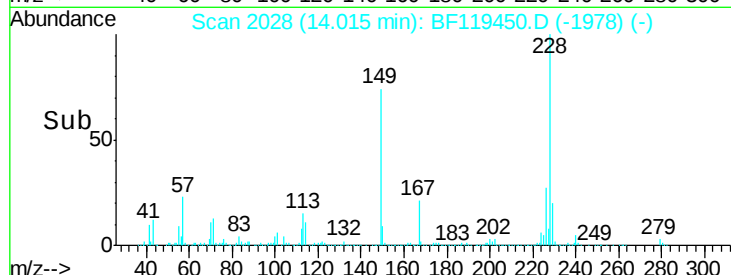
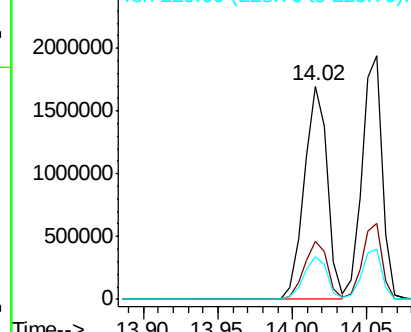


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.714 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

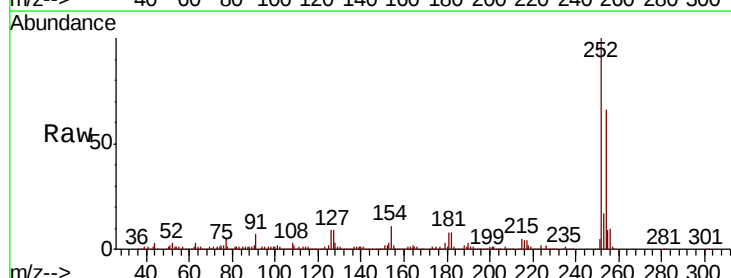
Tgt Ion:252 Resp: 375985

Ion Ratio Lower Upper

252 100

254 65.8 49.8 74.8

126 8.9 8.9 13.3

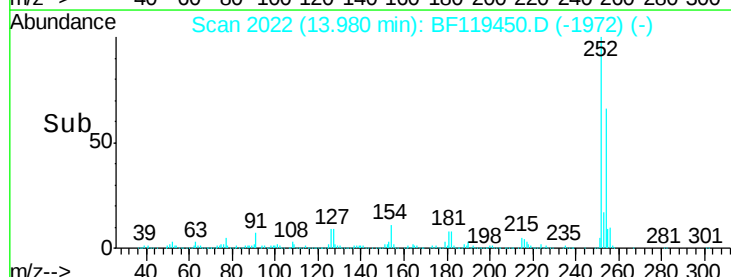
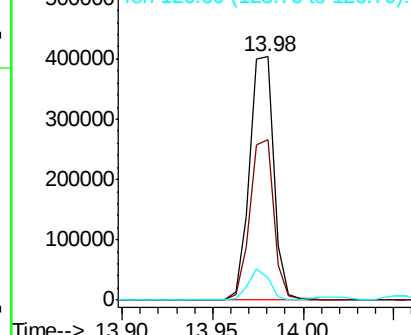


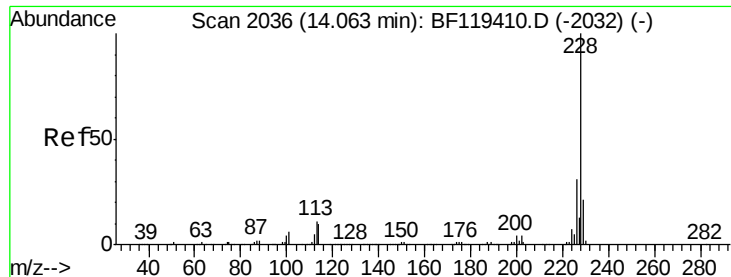
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





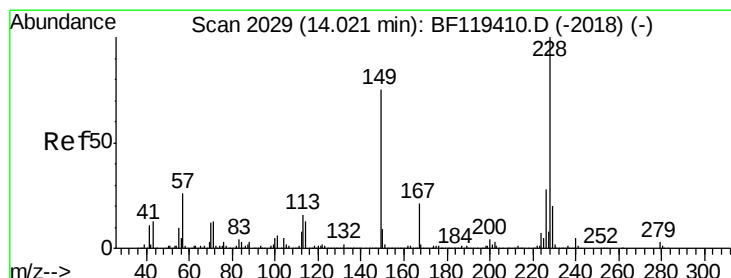
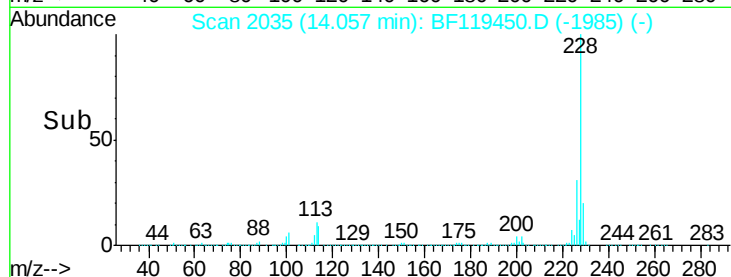
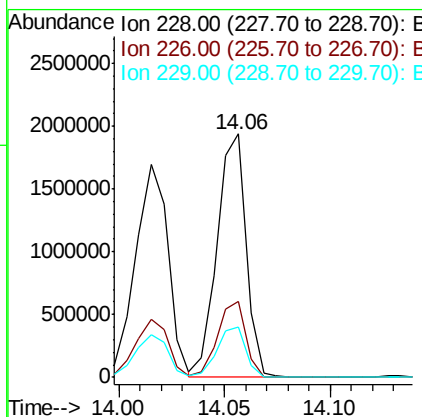
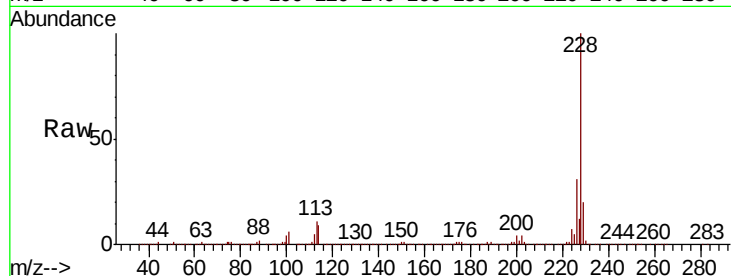
#83
Chrysene
Concen: 46.201 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion:228 Resp: 1839735
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 20.4 16.6 25.0

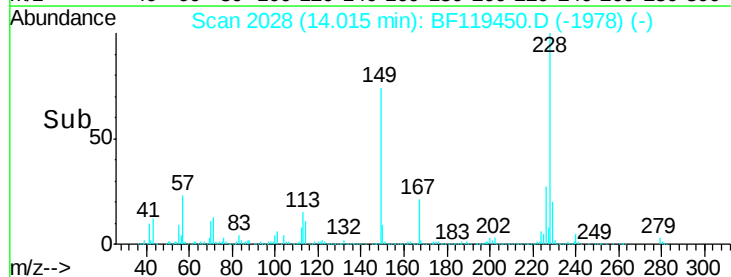
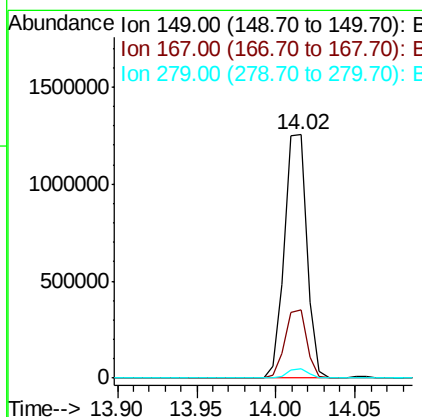
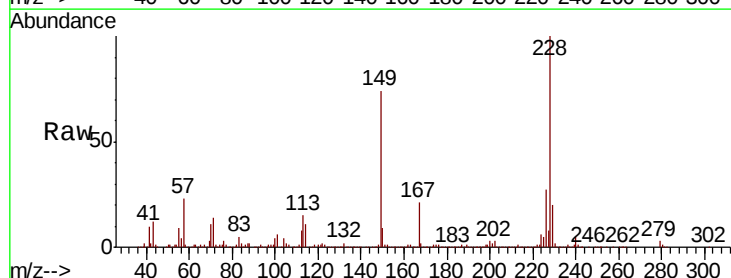
Manual Integrations
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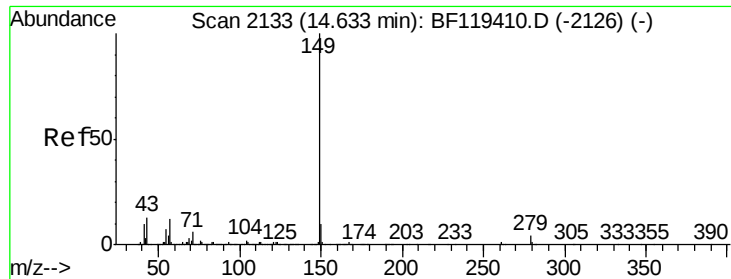
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.404 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion:149 Resp: 1230347
Ion Ratio Lower Upper
149 100
167 27.9 22.0 33.0
279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 49.715 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

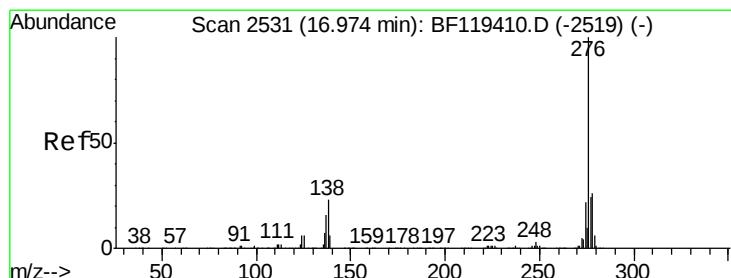
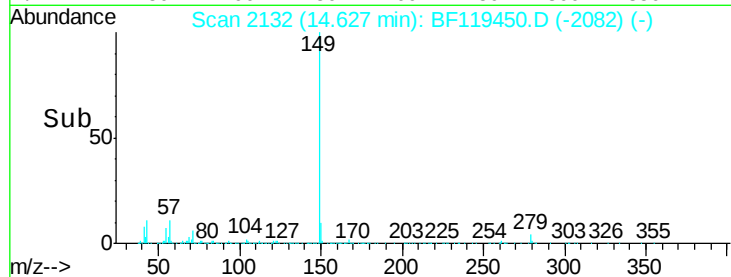
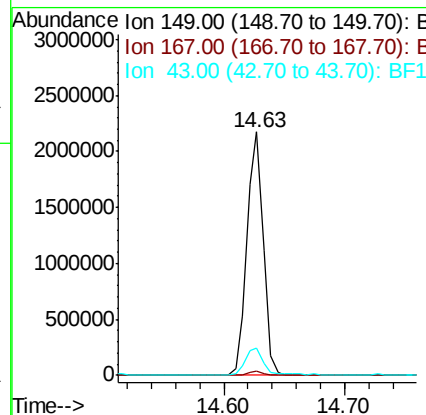
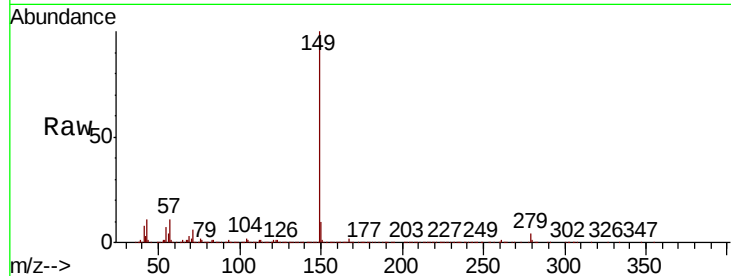
ClientSampled :

TP-11AMS

Tot Ion:	149	Resp:	2052776
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	12.5	10.1	15.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 59.523 ng

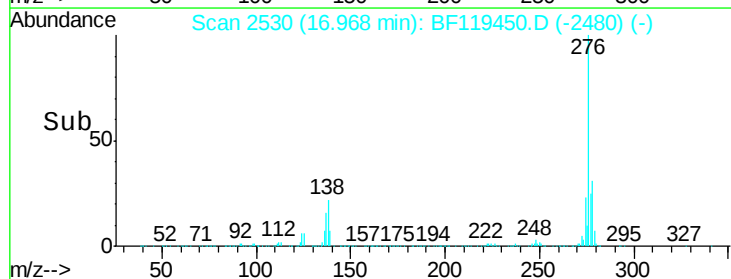
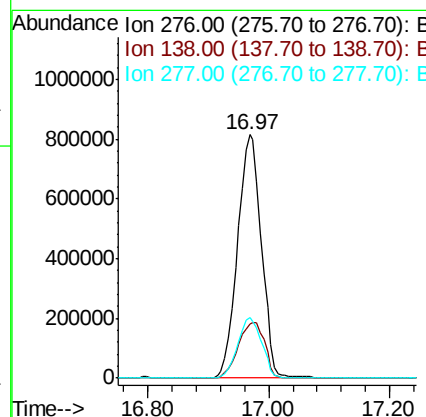
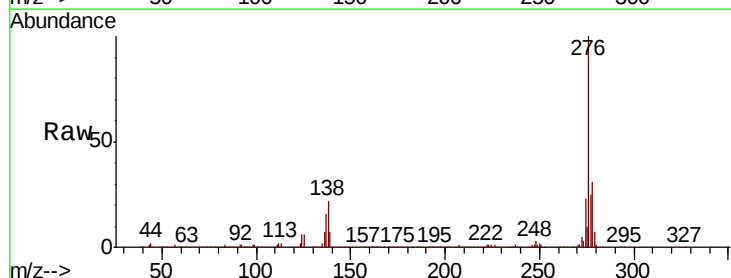
RT: 16.97 min Scan# 2530

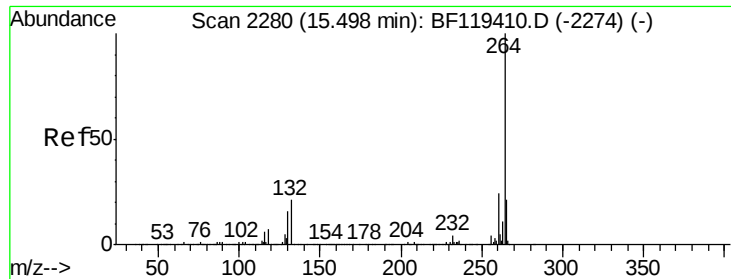
Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	276	Resp:	2232287
Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.3	31.9
277	25.1	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_F

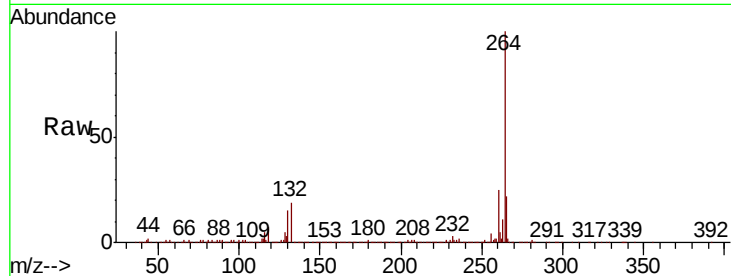
ClientSampleId :

TP-11AMS

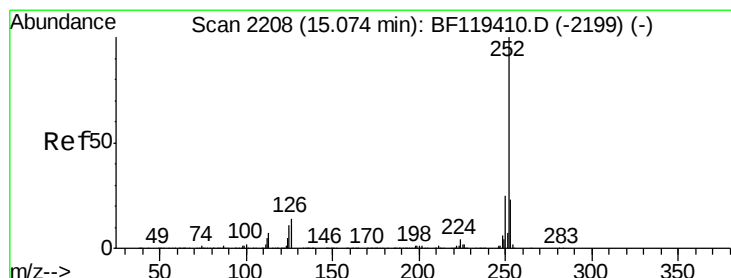
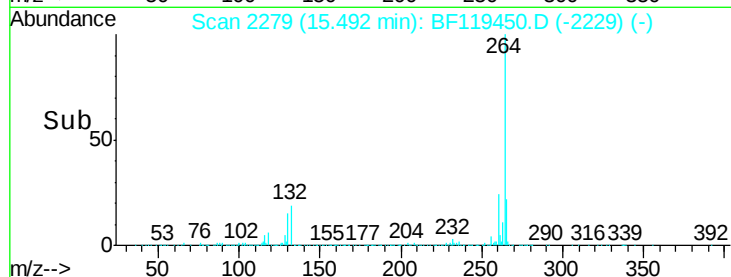
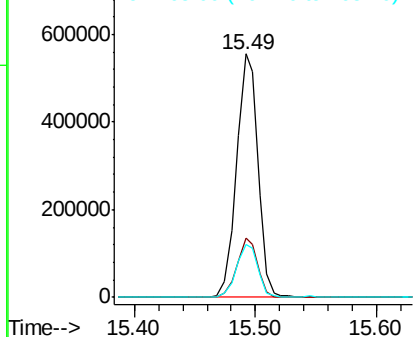
Tot Ion:	264	Resp:	689104
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.6	16.9	25.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.769 ng

RT: 15.07 min Scan# 2207

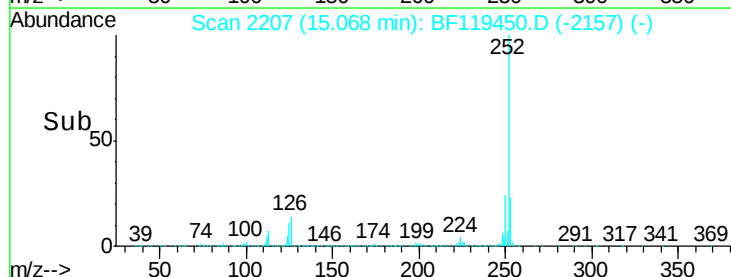
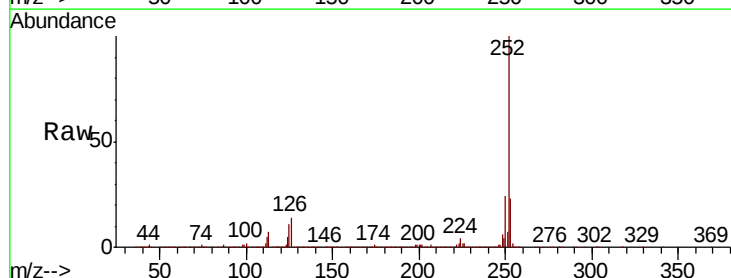
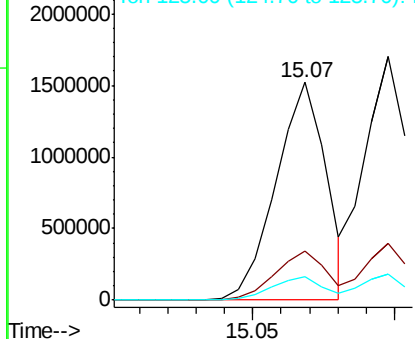
Delta R.T. -0.01 min

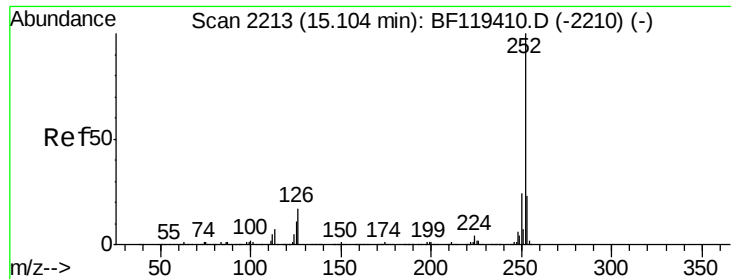
Lab File: BF119450.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	252	Resp:	1876694
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.7	8.8	13.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





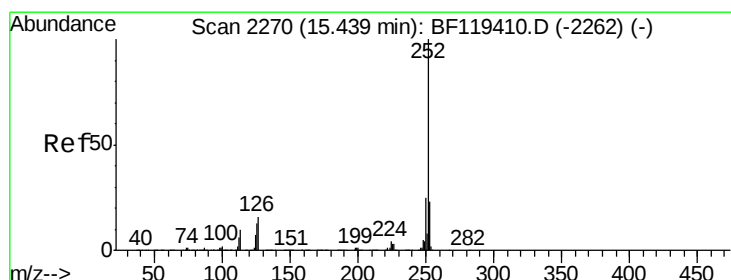
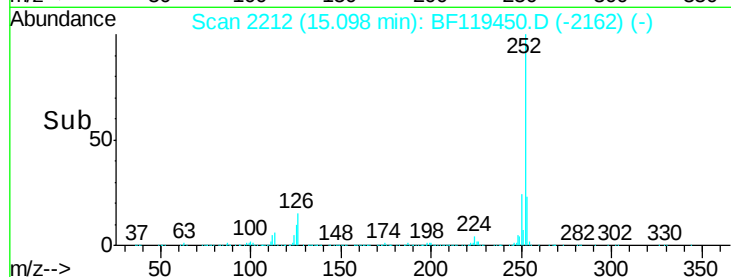
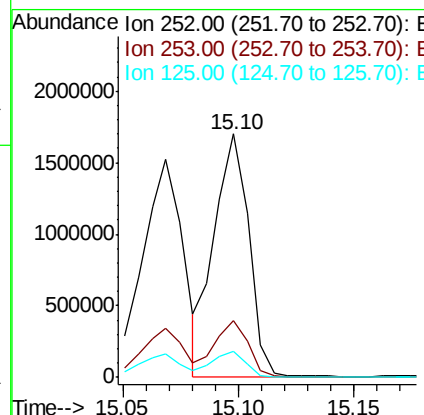
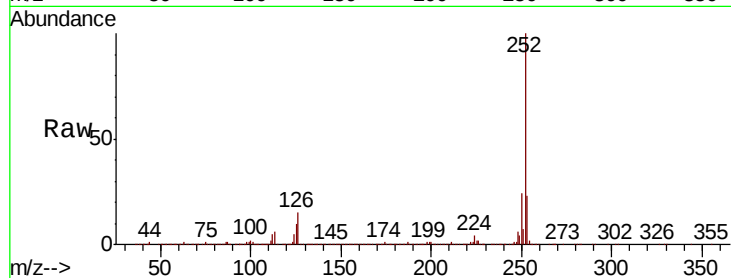
#89
Benzo(k)fluoranthene
Concen: 40.419 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion:252 Resp: 1771648
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 10.5 9.0 13.4

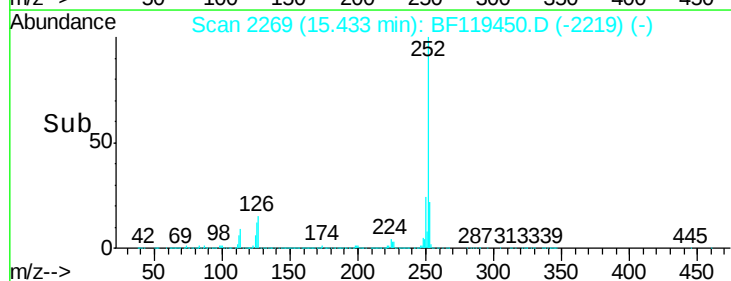
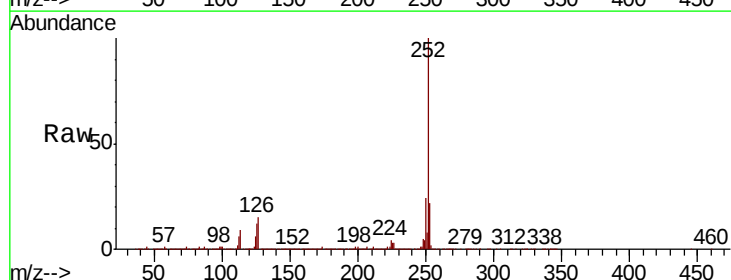
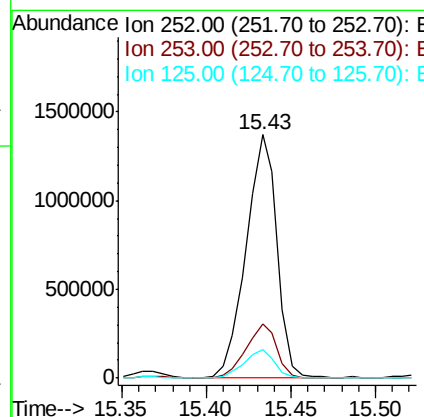
Manual Integrations
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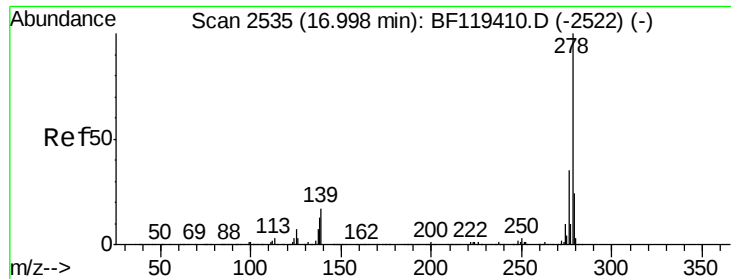
mohammad
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#90
Benzo(a)pyrene
Concen: 41.686 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion:252 Resp: 1743858
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 11.9 10.2 15.2





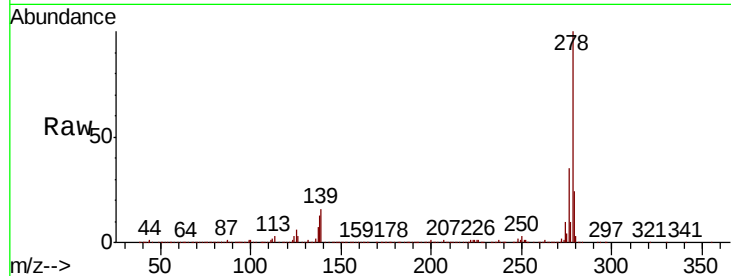
#91
Dibenzo(a,h)anthracene
Concen: 49.686 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-11AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.7	20.5
279	24.2	19.2	28.8

Manual Integrations
APPROVED

mohammad
3/20/2020 11:47:25 AM

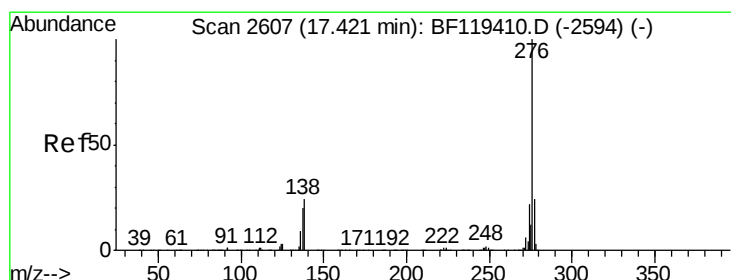
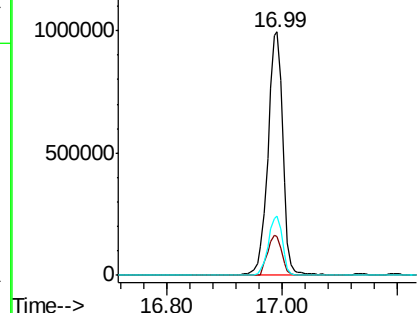
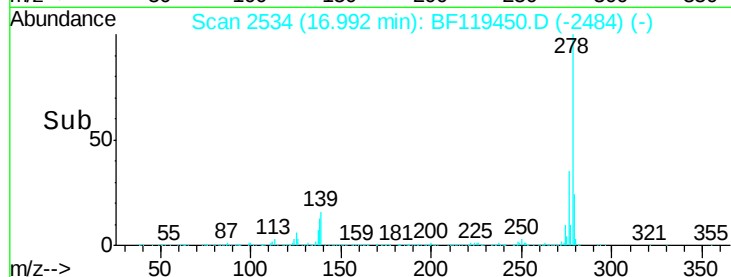


Abundance

Ion 278.00 (277.70 to 278.70): E

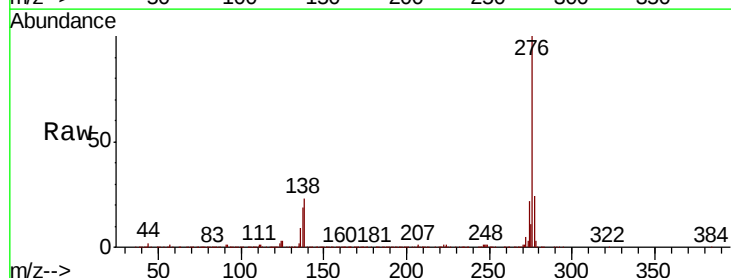
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.269 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF119450.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	22.6	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

