

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119483.D
 Acq On : 24 Mar 2020 9:11
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:29:21 PM

Quant Time: Mar 24 11:24:09 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	291850	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1075995	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	561850	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1106603	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	874616	20.00	ng	0.00
87) Perylene-d12	15.49	264	918853	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1450338	79.11	ng	0.00
7) Phenol-d6	6.47	99	1872730	79.96	ng	0.00
23) Nitrobenzene-d5	7.41	82	1671004	84.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	545523	94.11	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	3064093	80.79	ng	0.00
79) Terphenyl-d14	12.97	244	3570739	79.99	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	335747	37.080	ng	99
3) Pyridine	3.32	79	918201	36.809	ng	98
4) n-Nitrosodimethylamine	3.27	42	440306	36.195	ng	97
6) Aniline	6.51	93	1279090	39.573	ng	98
8) 2-Chlorophenol	6.63	128	804703	41.791	ng	97
9) Benzaldehyde	6.39	77	583505	39.276	ng	98
10) Phenol	6.49	94	996925m	39.894	ng	
11) bis(2-Chloroethyl)ether	6.58	93	802493	40.152	ng	95
12) 1,3-Dichlorobenzene	6.79	146	868591	41.679	ng	99
13) 1,4-Dichlorobenzene	6.86	146	868183	41.649	ng	100
14) 1,2-Dichlorobenzene	7.02	146	818876	42.028	ng	98
15) Benzyl Alcohol	6.99	79	718723	40.798	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1600209	39.694	ng	98
17) 2-Methylphenol	7.09	107	716489	40.612	ng	98
18) Hexachloroethane	7.36	117	323873	42.397	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	582897	41.293	ng	99
20) 3+4-Methylphenols	7.25	107	880102m	40.705	ng	
22) Acetophenone	7.26	105	1041788	40.520	ng	# 95
24) Nitrobenzene	7.43	77	867051	40.979	ng	99
25) Isophorone	7.67	82	1630831	40.607	ng	98
26) 2-Nitrophenol	7.75	139	388302	46.610	ng	97
27) 2,4-Dimethylphenol	7.78	122	672893	39.063	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	978062	41.184	ng	99
29) 2,4-Dichlorophenol	7.99	162	669551	42.302	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	737263	42.119	ng	99
31) Naphthalene	8.16	128	2282804	41.227	ng	99
32) Benzoic acid	7.90	122	527858	47.637	ng	99
33) 4-Chloroaniline	8.20	127	1031664	40.661	ng	99
34) Hexachlorobutadiene	8.27	225	443957	45.331	ng	99
35) Caprolactam	8.57	113	210517	40.640	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	724584	41.885	ng	100
37) 2-Methylnaphthalene	8.85	142	1549372	42.635	ng	99
38) 1-Methylnaphthalene	8.95	142	1441393	41.905	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	700284	42.523	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	405794	43.343	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	502098	42.605	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	564428	42.753	nq	95
46) 1,1'-Biphenyl	9.32	154	1899723	41.515	nq	99
47) 2-Chloronaphthalene	9.34	162	1476945	41.205	nq	99
48) 2-Nitroaniline	9.43	65	528284	42.700	nq	97
49) Acenaphthylene	9.76	152	2301354	40.885	nq	99
50) Dimethylphthalate	9.62	163	1714051	42.950	nq	99
51) 2,6-Dinitrotoluene	9.67	165	373617	43.677	nq	90
52) Acenaphthene	9.93	154	1474380	42.016	nq	99
53) 3-Nitroaniline	9.85	138	459202	42.521	nq	91
54) 2,4-Dinitrophenol	9.95	184	162630	47.216	nq	89
55) Dibenzofuran	10.10	168	2076119	41.265	nq	97
56) 4-Nitrophenol	9.99	139	355951	41.781	nq	94
57) 2,4-Dinitrotoluene	10.07	165	489414	45.417	nq	88
58) Fluorene	10.44	166	1577503	42.401	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	439564	44.543	nq	99
60) Diethylphthalate	10.32	149	1814045	44.786	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	805564	44.277	nq	99
62) 4-Nitroaniline	10.46	138	448307	43.290	nq	98
63) Azobenzene	10.60	77	1717499	42.107	nq	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	227849	49.102	nq	92
66) n-Nitrosodiphenylamine	10.55	169	1479032	40.713	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	546775	43.385	nq	93
68) Hexachlorobenzene	10.99	284	553051	42.876	nq	92
69) Atrazine	11.08	200	436013	43.779	nq	99
70) Pentachlorophenol	11.18	266	341899	45.206	nq	99
71) Phenanthrene	11.40	178	2363681	41.193	nq	100
72) Anthracene	11.46	178	2389738	40.978	nq	100
73) Carbazole	11.61	167	2348729	40.689	nq	99
74) Di-n-butylphthalate	11.94	149	2930461	47.458	nq	98
75) Fluoranthene	12.59	202	2643116	42.563	nq	99
77) Benzidine	12.72	184	1333560	36.029	nq	100
78) Pyrene	12.83	202	2718054	37.867	nq	100
80) Butylbenzylphthalate	13.44	149	1352683	46.594	nq	98
81) Benzo(a)anthracene	14.02	228	2255012	39.649	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	979864	43.695	nq	97
83) Chrysene	14.06	228	2337850	39.829	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1824136	52.709	nq	99
85) Di-n-octyl phthalate	14.62	149	3323231	54.600	nq	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2413109	43.651	nq	98
88) Benzo(b)fluoranthene	15.07	252	2533641	41.278	nq	99
89) Benzo(k)fluoranthene	15.10	252	2301341	39.376	nq	99
90) Benzo(a)pyrene	15.43	252	2275036	40.785	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	2003906	41.073	nq	98
92) Benzo(g,h,i)perylene	17.41	276	1899090	38.745	nq	97

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

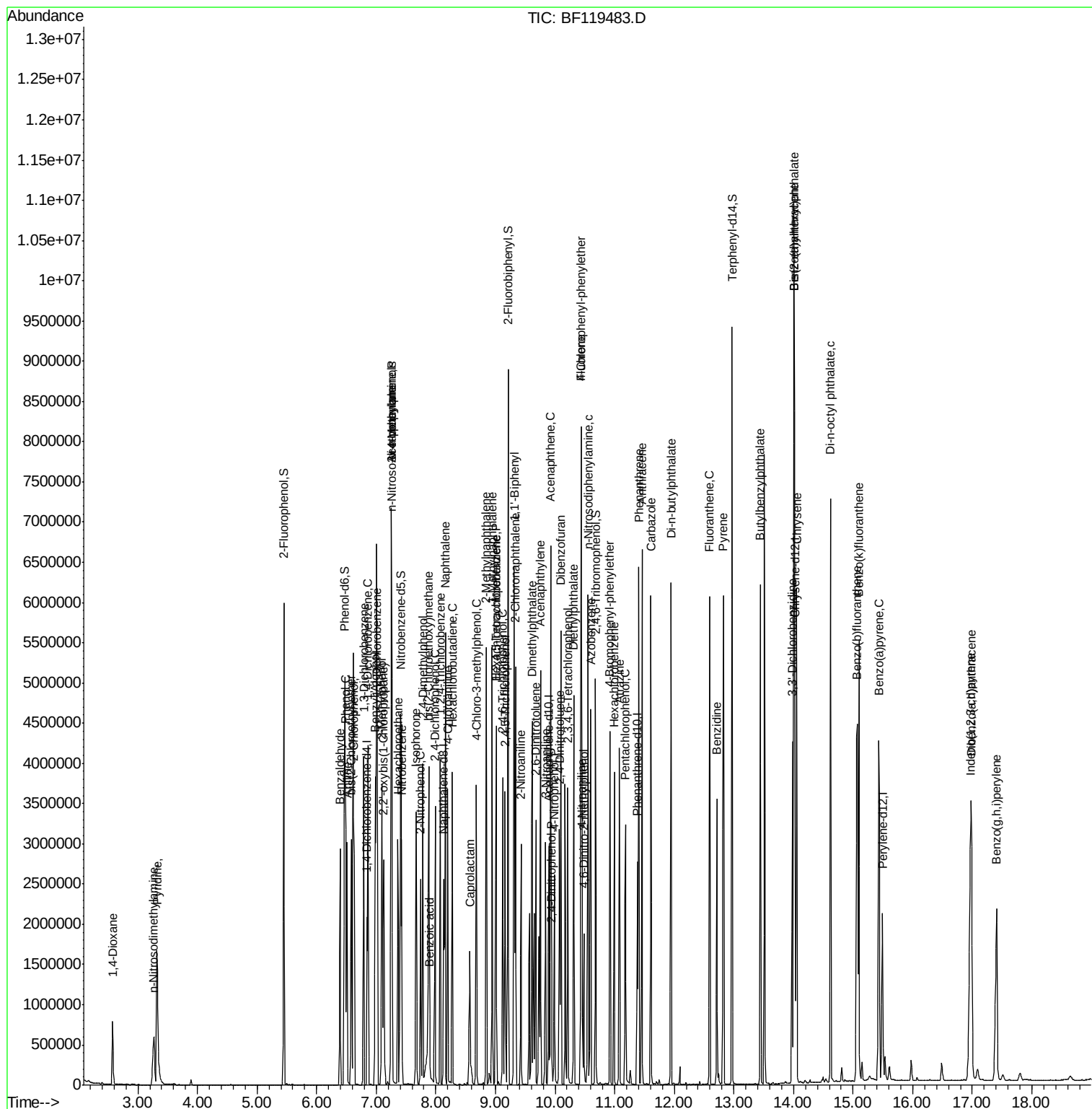
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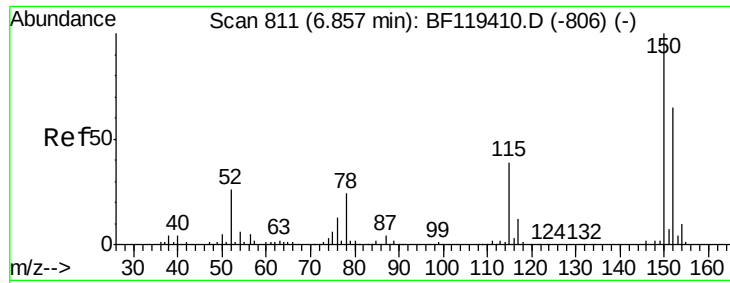
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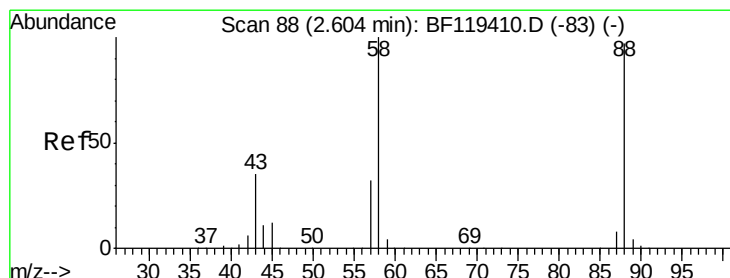
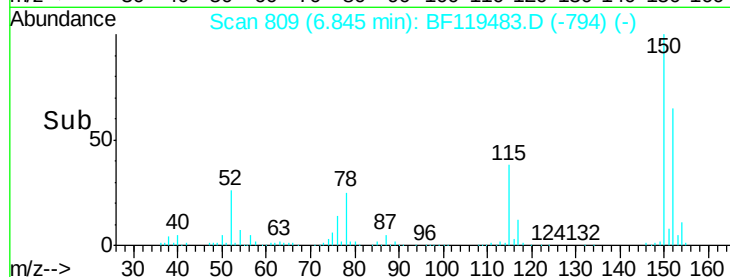
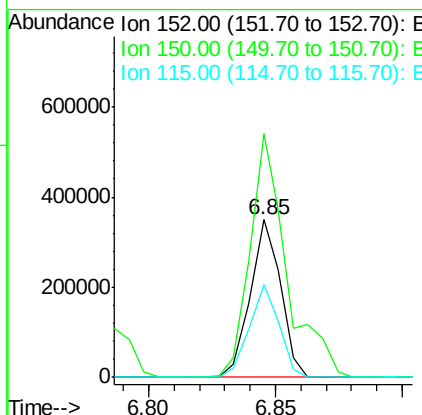
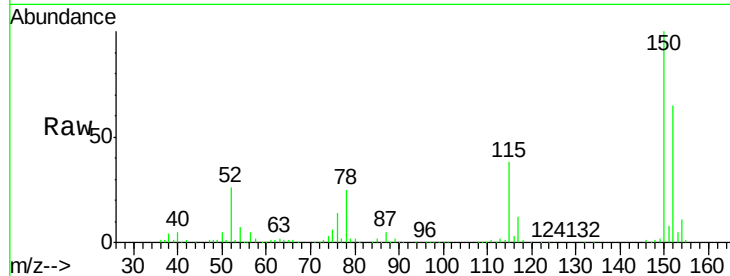
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.9	185.9
115	59.0	47.8	71.6

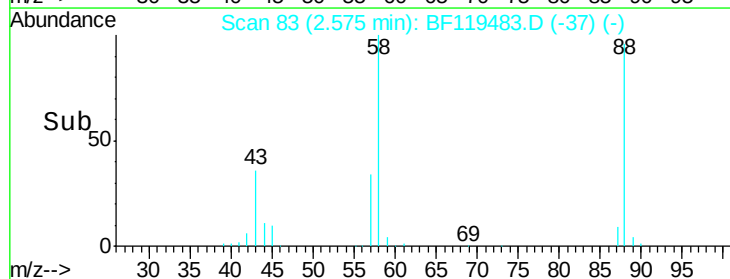
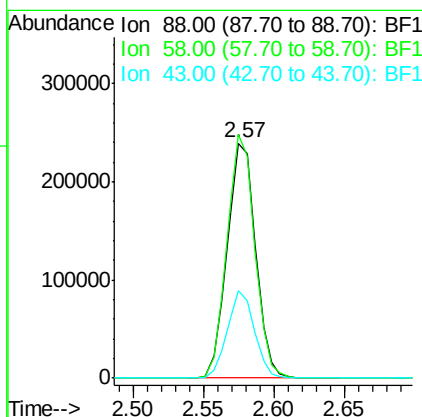
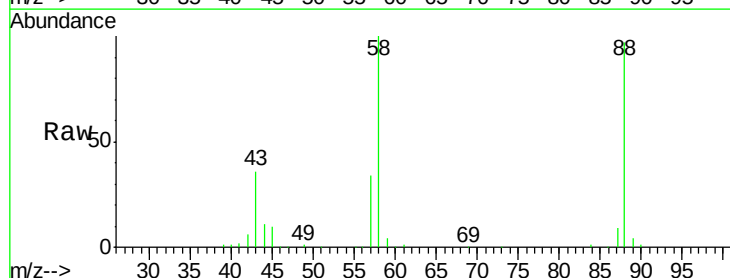
Manual Integrations
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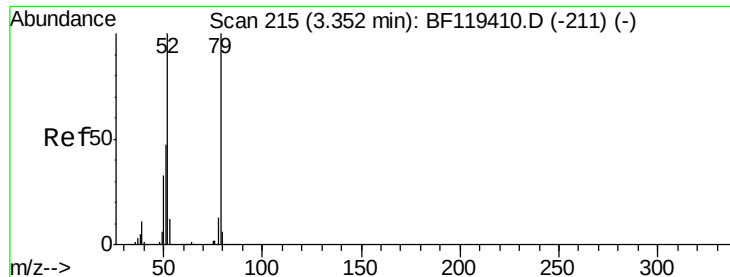
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#2
 1,4-Dioxane
 Concen: 37.080 ng
 RT: 2.57 min Scan# 83
 Delta R.T. -0.03 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.8	79.4	119.2
43	35.3	28.4	42.6





#3

Pvridine

Concen: 36.809 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.03 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

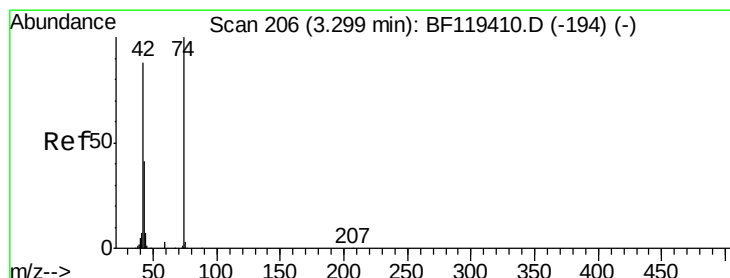
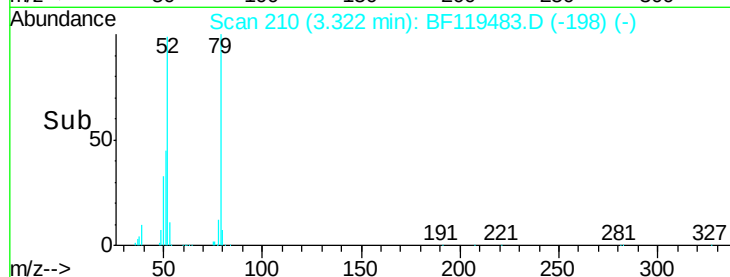
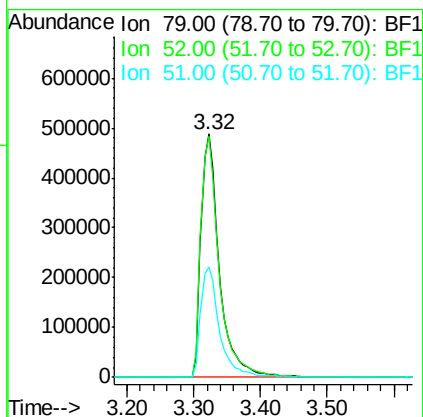
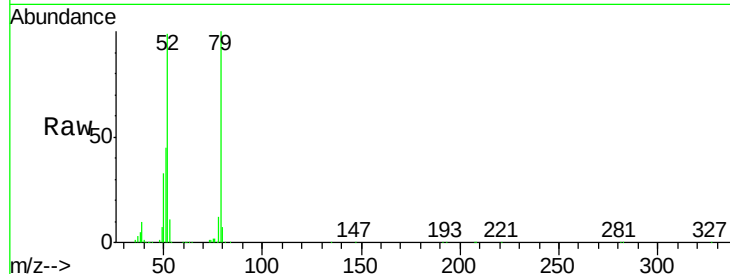
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	918201
Ion Ratio	Lower	Upper	
79	100		
52	98.9	80.0	120.0
51	45.3	37.9	56.9

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#4

n-Nitrosodimethylamine

Concen: 36.195 ng

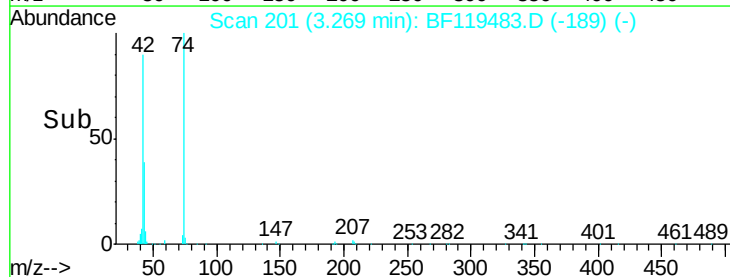
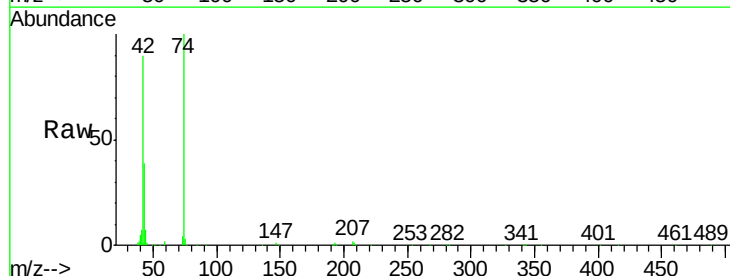
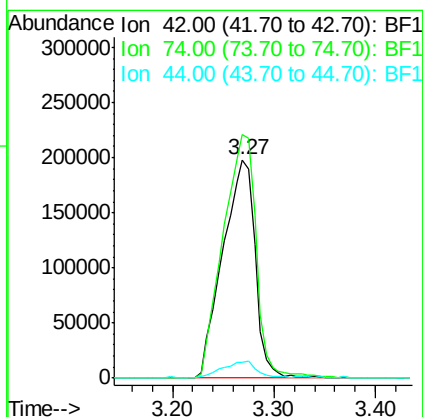
RT: 3.27 min Scan# 201

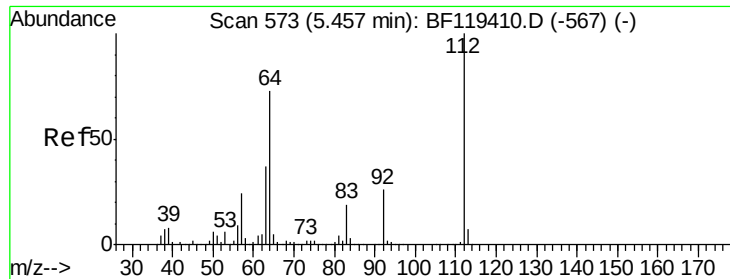
Delta R.T. -0.03 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Tgt Ion:	42	Resp:	440306
Ion Ratio	Lower	Upper	
42	100		
74	111.4	91.3	136.9
44	7.3	7.1	10.7





#5

2-Fluorophenol

Concen: 79.109 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 1450338

Ion Ratio Lower Upper

112 100

64 69.9 58.1 87.1

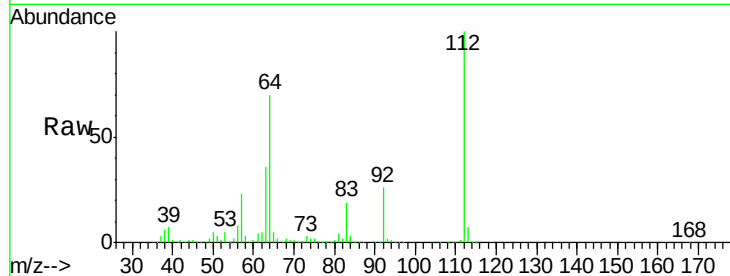
63 36.3 29.7 44.5

Manual Integrations

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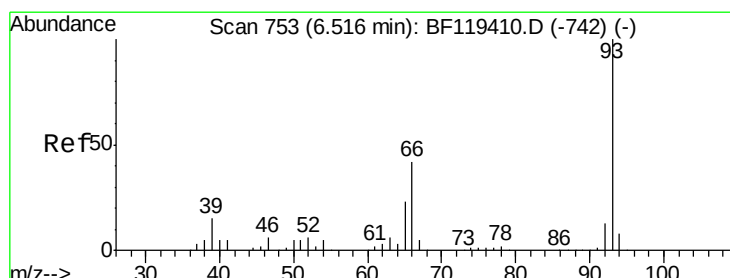
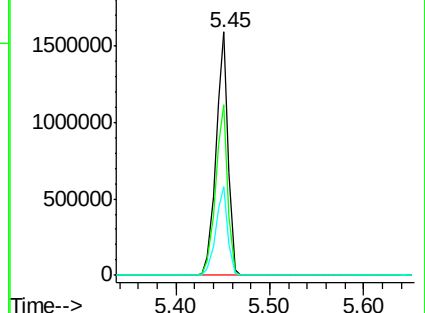
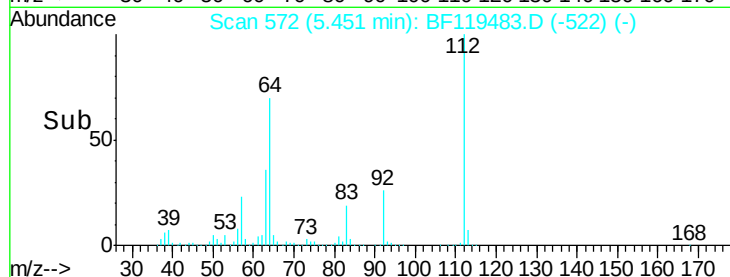
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.573 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

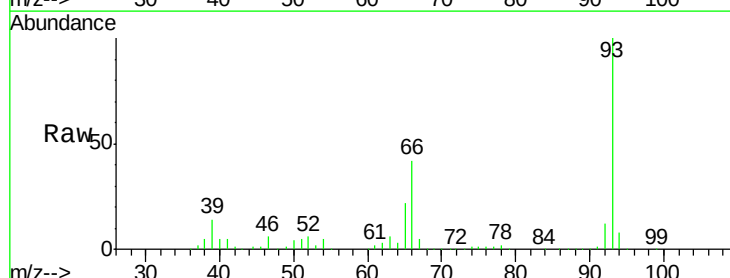
Tgt Ion: 93 Resp: 1279090

Ion Ratio Lower Upper

93 100

66 41.5 34.2 51.4

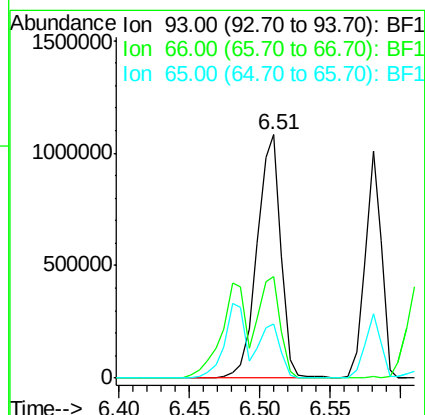
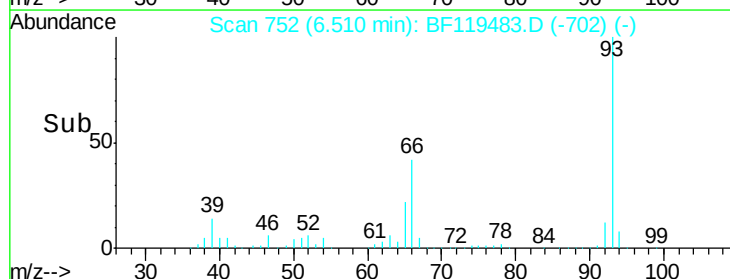
65 22.3 18.2 27.4

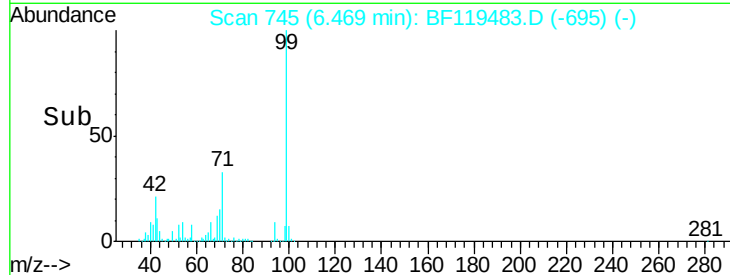
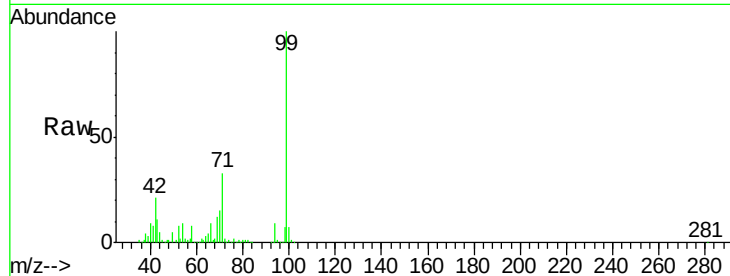
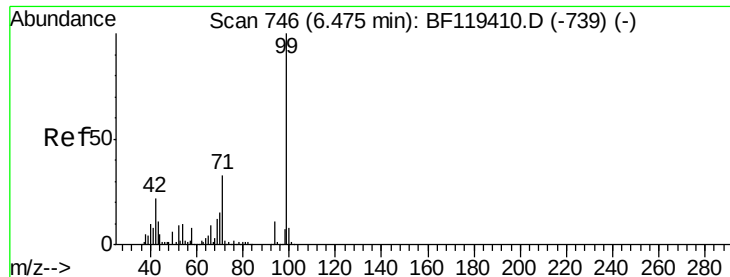


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.964 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Tot Ion: 99 Resp: 1872730

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

71 33.4 26.0 39.0

Instrument :

BNA_F

ClientSampleId :

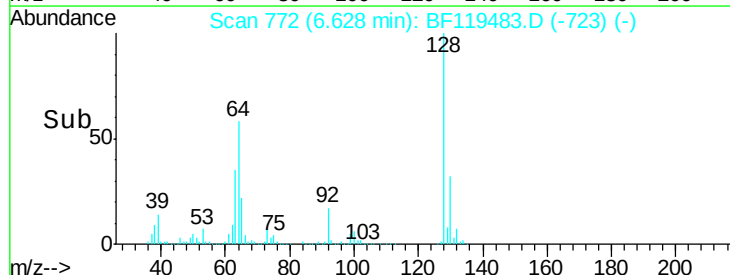
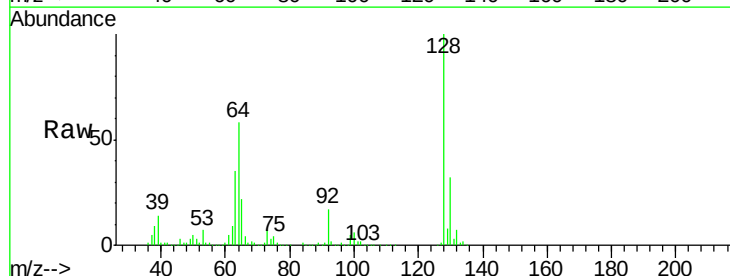
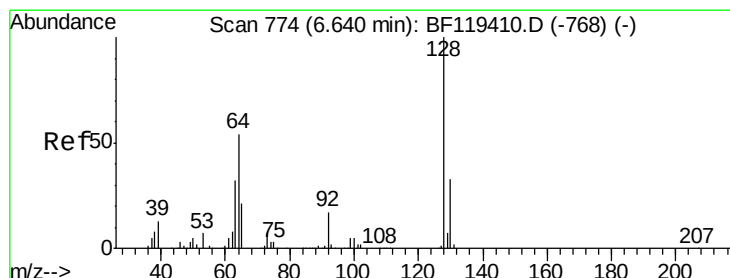
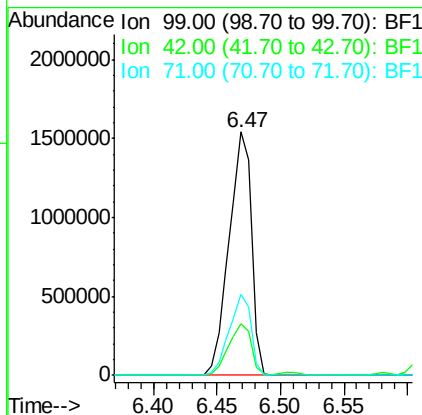
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#8

2-Chlorophenol

Concen: 41.791 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

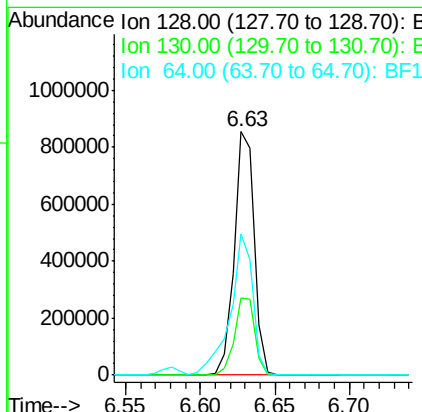
Tgt Ion: 128 Resp: 804703

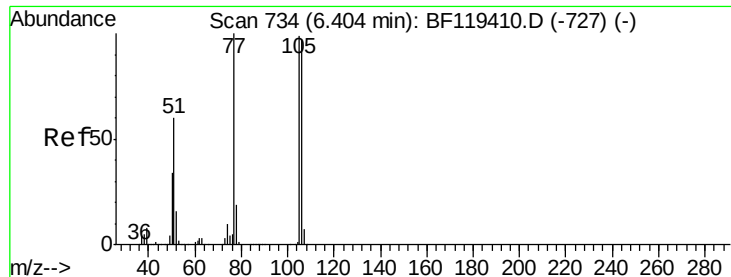
Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

64 58.0 35.1 75.1





#9

Benzaldehyde

Concen: 39.276 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

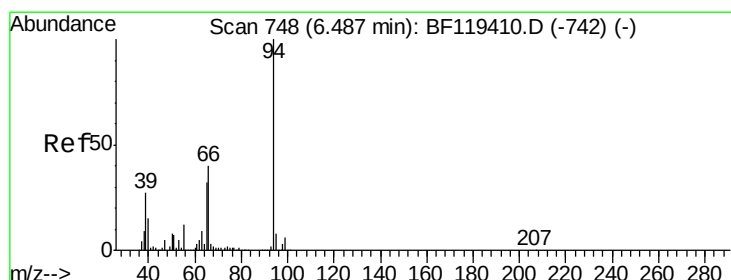
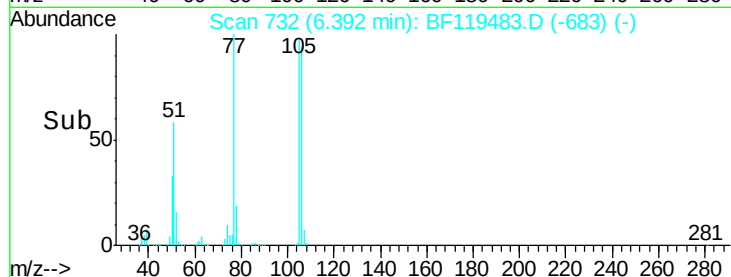
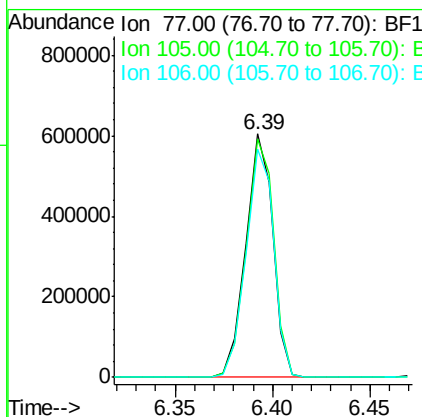
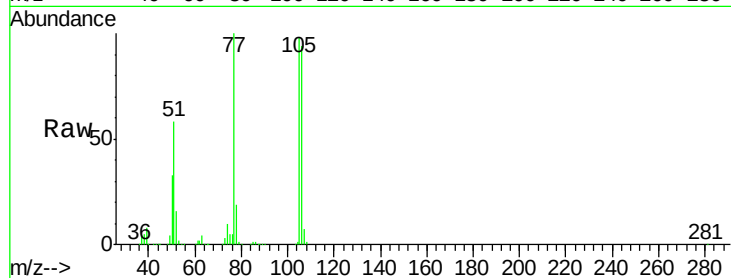
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	583505
Ion Ratio	Lower	Upper	
77	100		
105	97.8	78.6	118.6
106	94.0	76.5	116.5

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#10

Phenol

Concen: 39.894 ng m

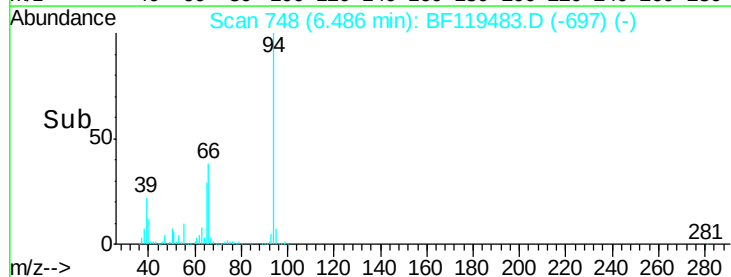
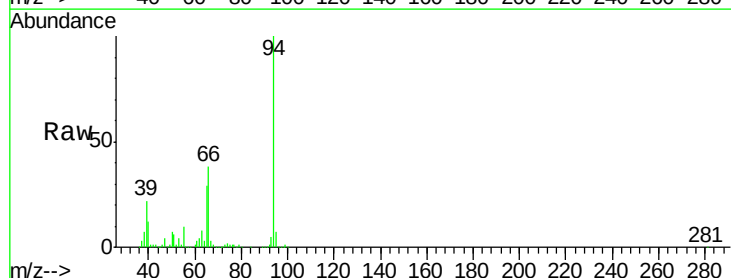
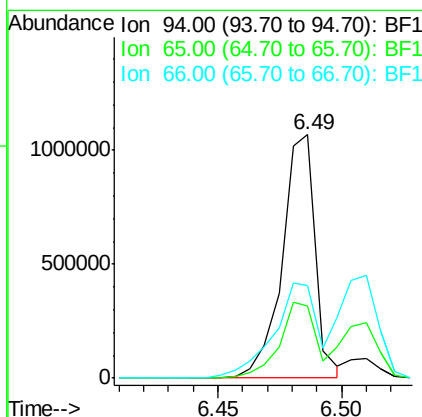
RT: 6.49 min Scan# 748

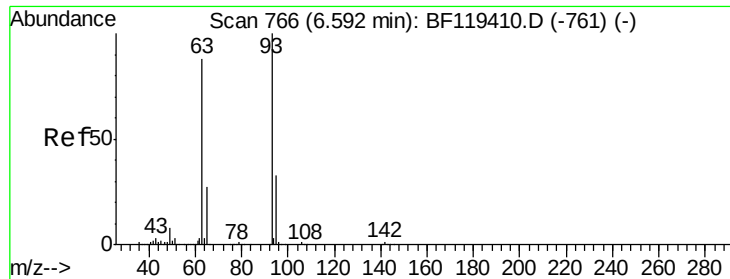
Delta R.T. -0.00 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Tgt Ion:	94	Resp:	996925
Ion Ratio	Lower	Upper	
94	100		
65	29.4	12.0	52.0
66	37.9	20.6	60.6





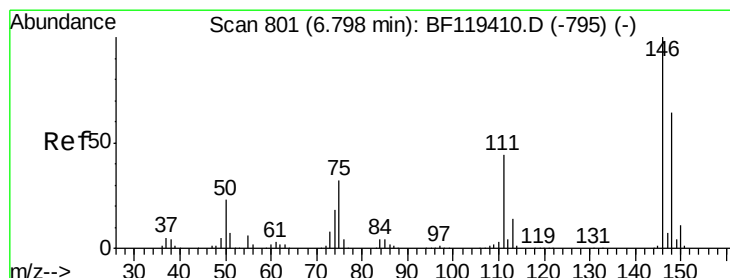
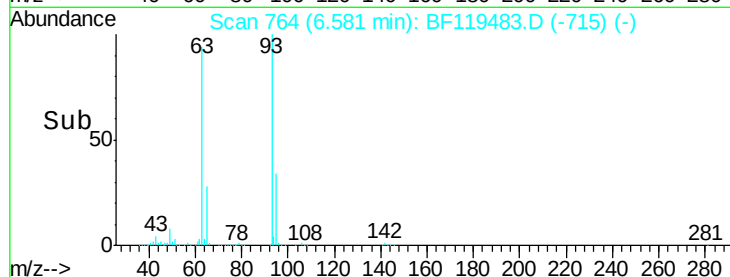
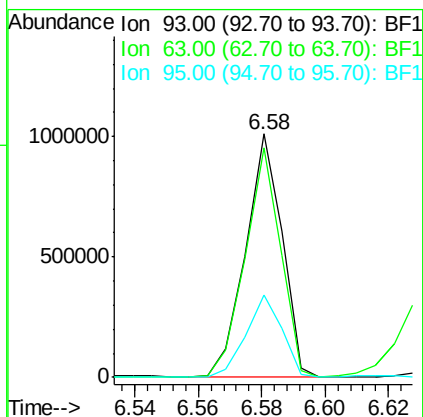
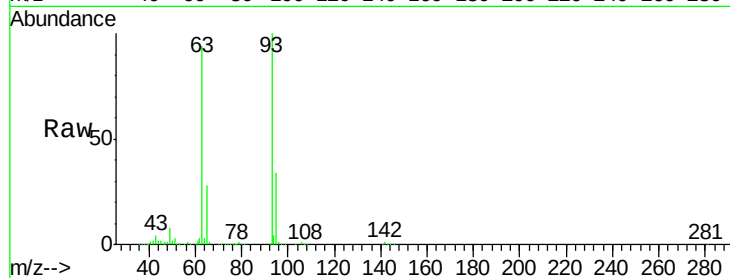
#11
bis(2-Chloroethyl)ether
Concen: 40.152 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	94.3	68.4	108.4
95	33.6	13.4	53.4

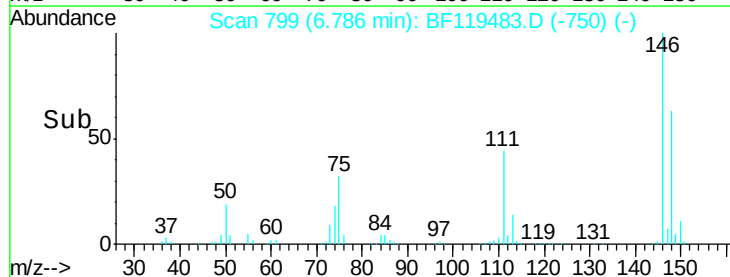
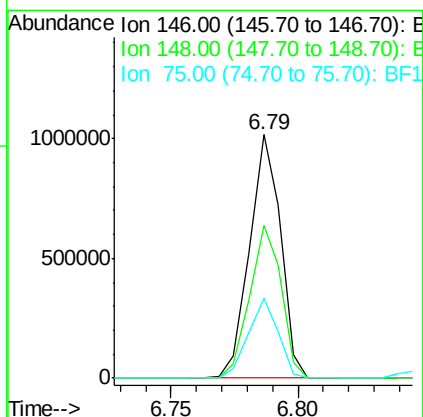
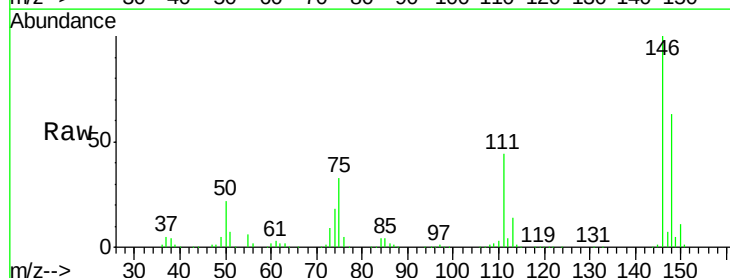
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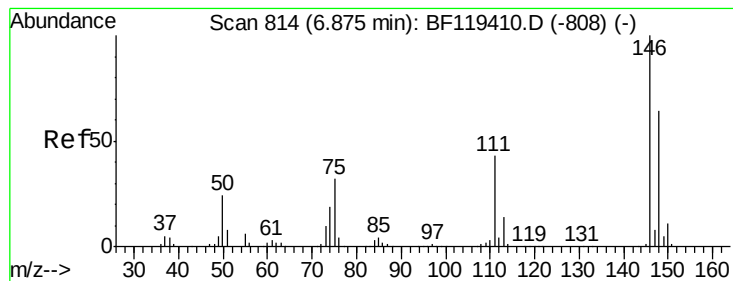
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.679 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
75	32.6	25.8	38.8





#13

1,4-Dichlorobenzene

Concen: 41.649 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

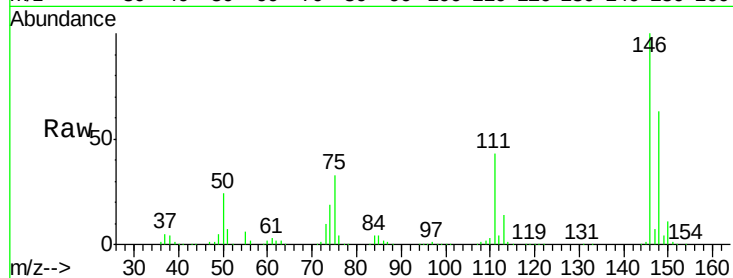
ClientSampleId :

SSTDCCC040

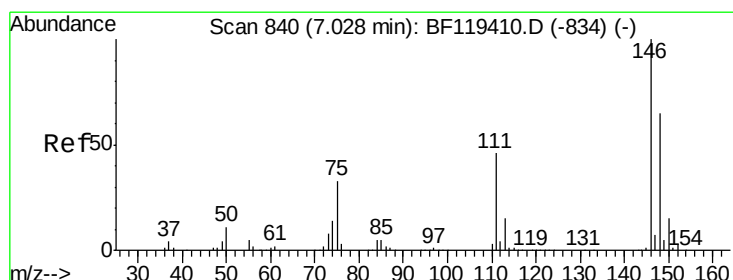
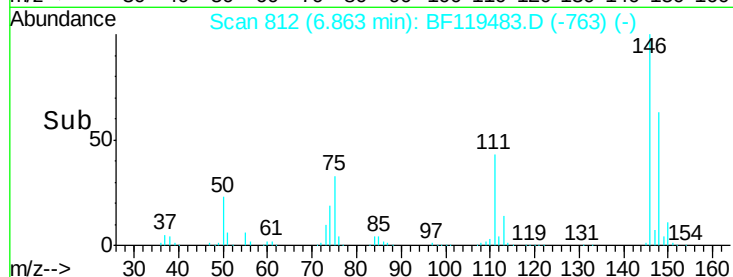
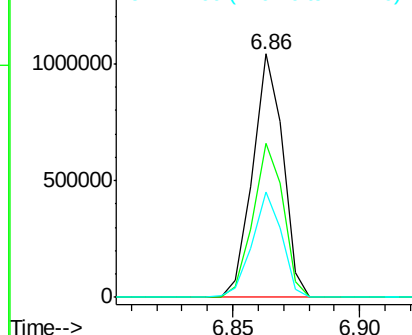
Tot Ion:	146	Resp:	868183
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.9	76.3
111	43.5	34.6	52.0

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.028 ng

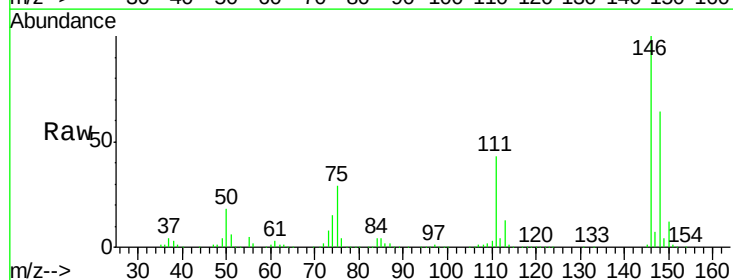
RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

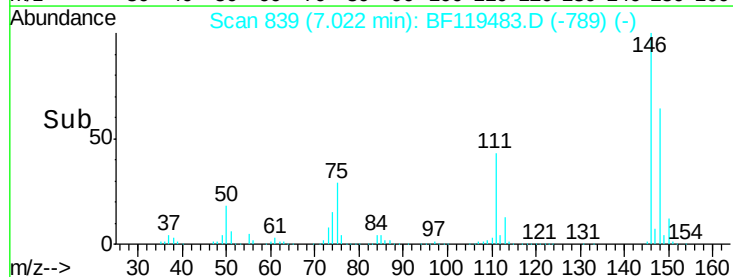
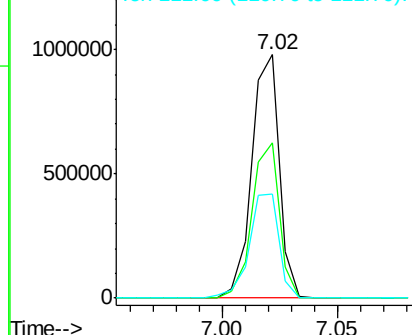
Lab File: BF119483.D

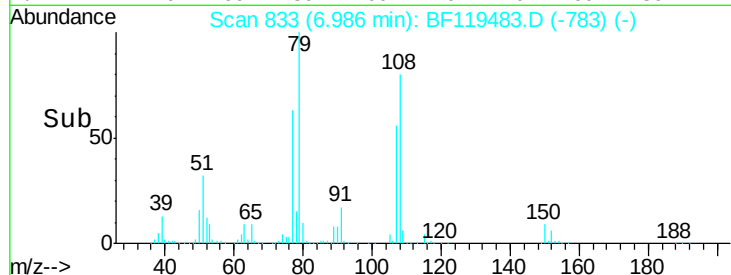
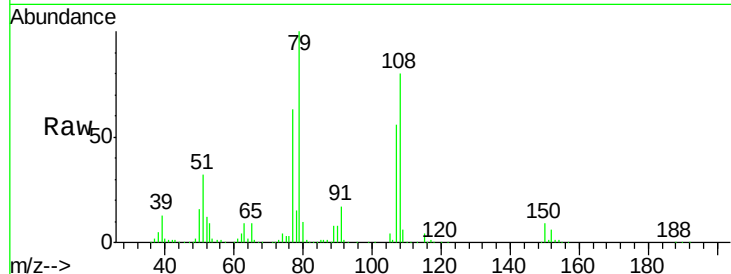
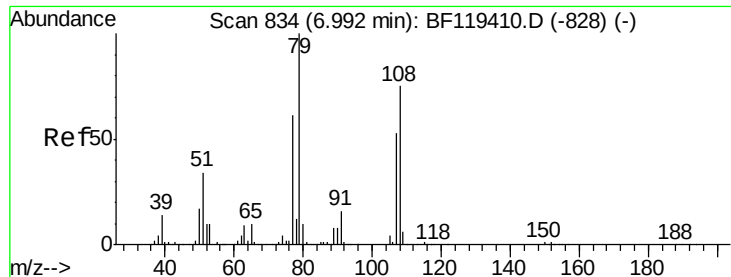
Acq: 24 Mar 2020 9:11

Tgt Ion:	146	Resp:	818876
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.7	77.5
111	42.5	36.4	54.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





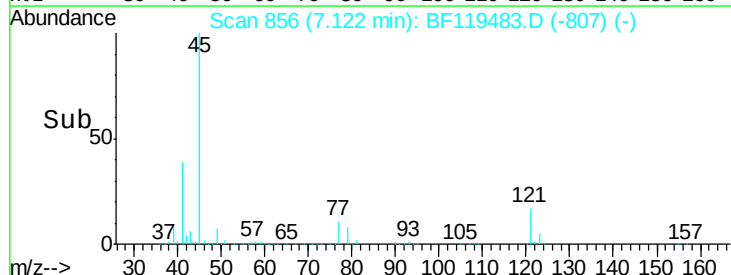
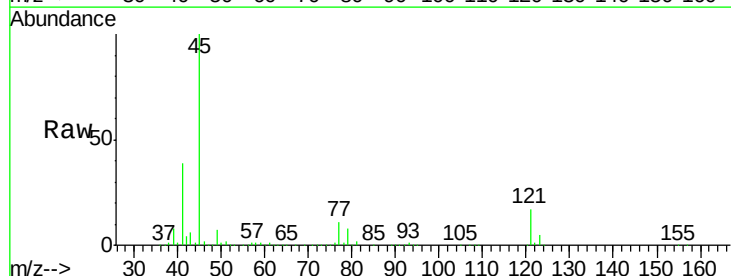
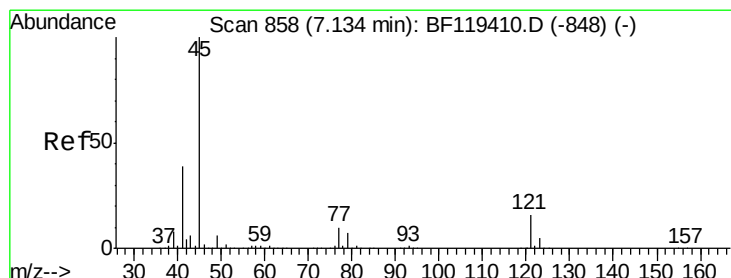
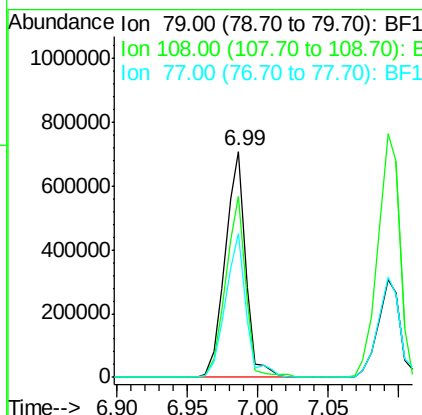
#15
Benzyl Alcohol
Concen: 40.798 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	60.4	90.6
77	63.3	49.0	73.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

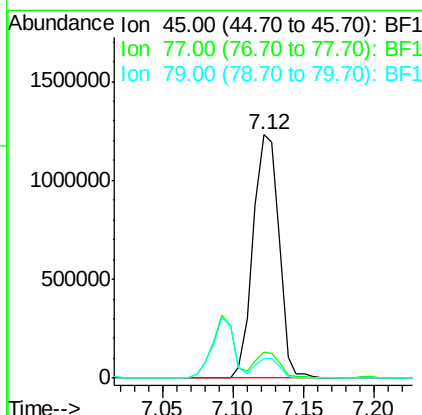
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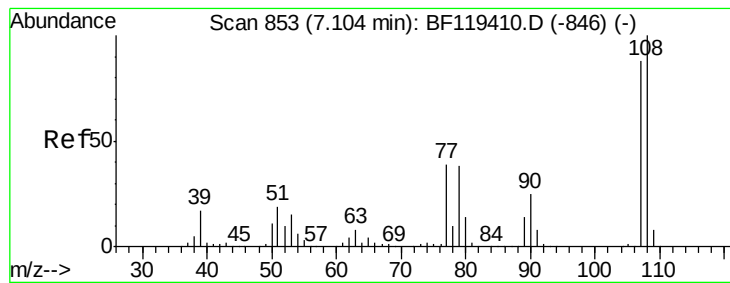
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.694 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.1
79	7.9	0.0	27.4





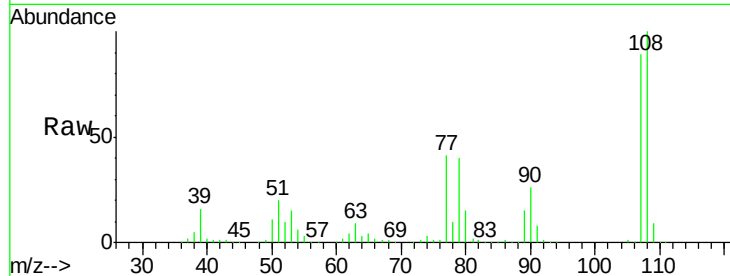
#17
2-Methylphenol
Concen: 40.612 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

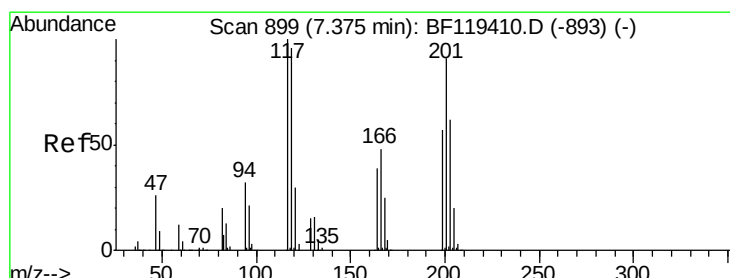
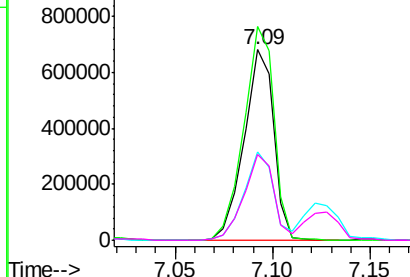
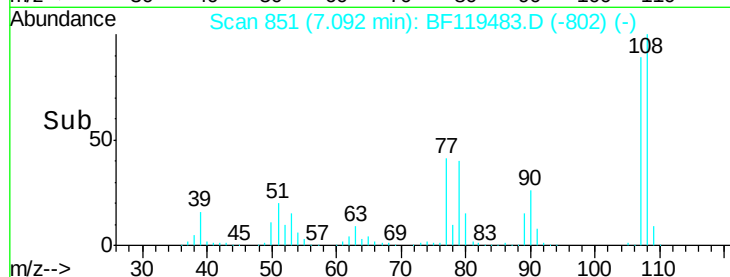
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	90.7	136.1	
77	46.4	35.6	53.4	
79	44.9	34.7	52.1	

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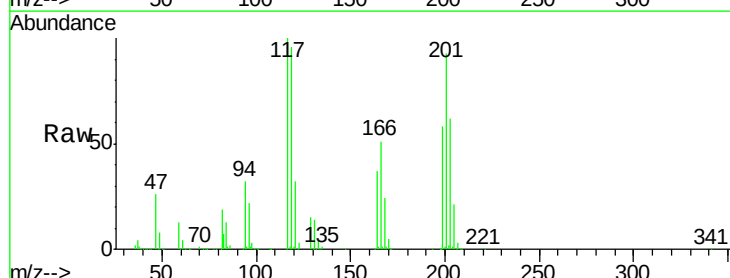


Abundance Ion 107.00 (106.70 to 107.70): E
1200000
Ion 108.00 (107.70 to 108.70): E
1000000
Ion 77.00 (76.70 to 77.70): BF1
800000
Ion 79.00 (78.70 to 79.70): BF1

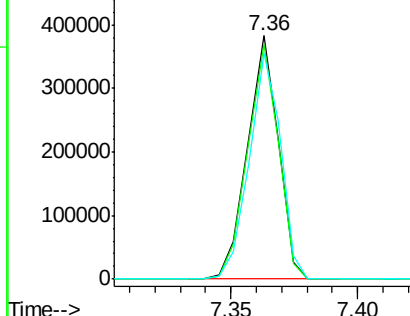
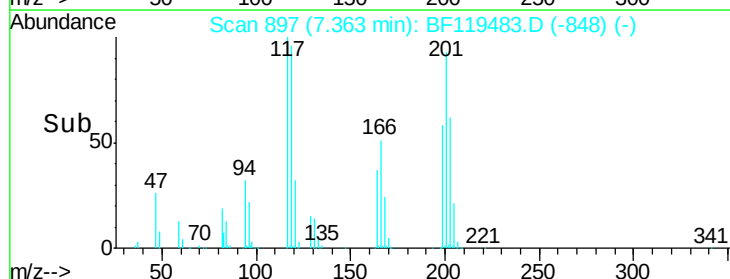


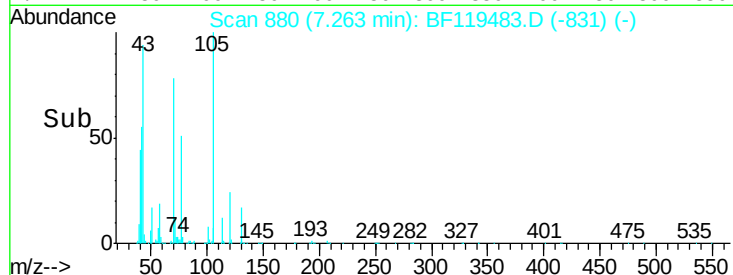
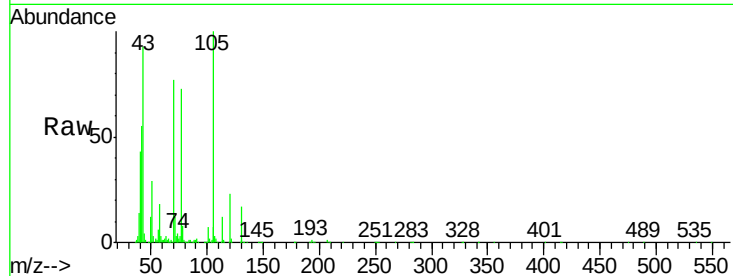
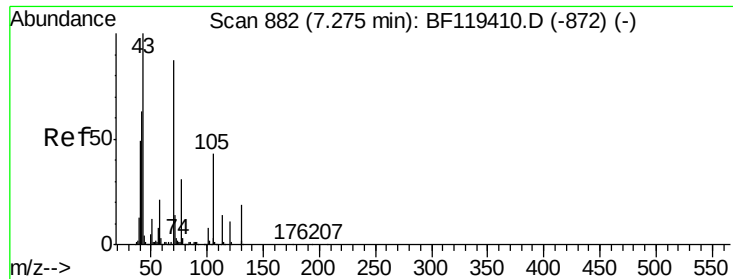
#18
Hexachloroethane
Concen: 42.397 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.8	115.2	
201	92.7	72.5	108.7	



Abundance Ion 117.00 (116.70 to 117.70): E
500000
Ion 119.00 (118.70 to 119.70): E
400000
Ion 201.00 (200.70 to 201.70): E





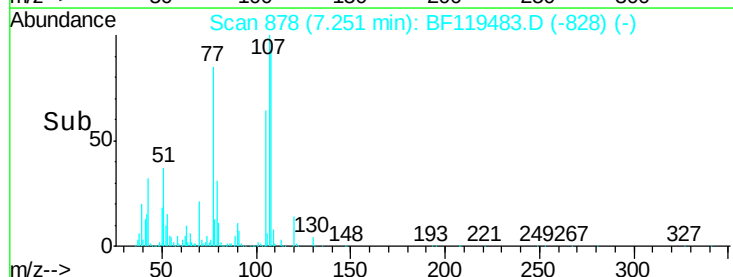
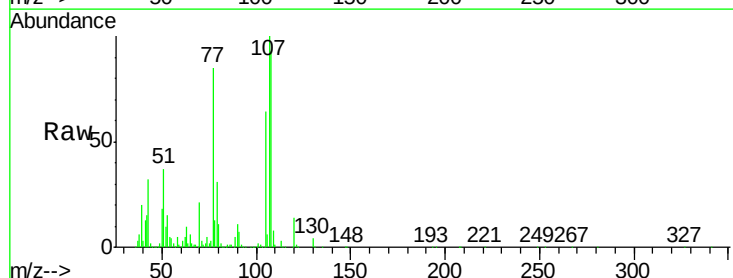
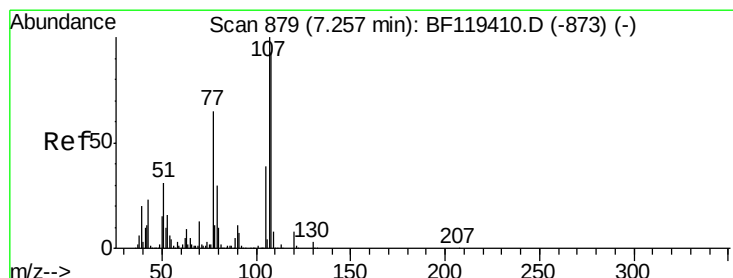
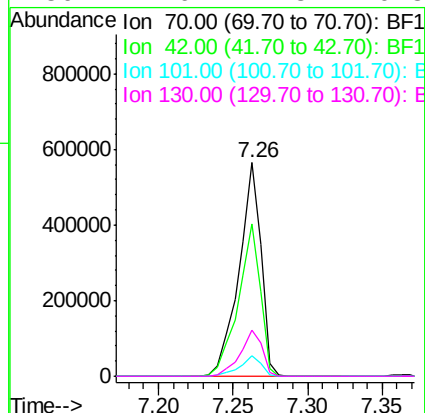
#19
n-Nitroso-di-n-propylamine
Concen: 41.293 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.5	58.2	87.4	
101	9.7	7.4	11.2	
130	21.6	17.8	26.8	

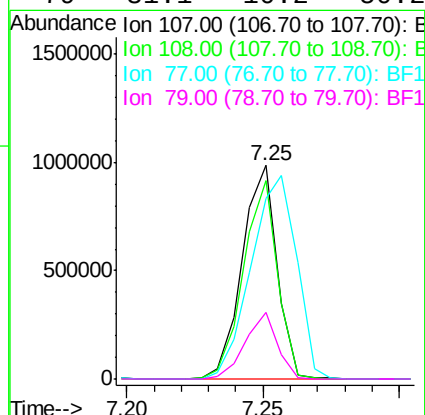
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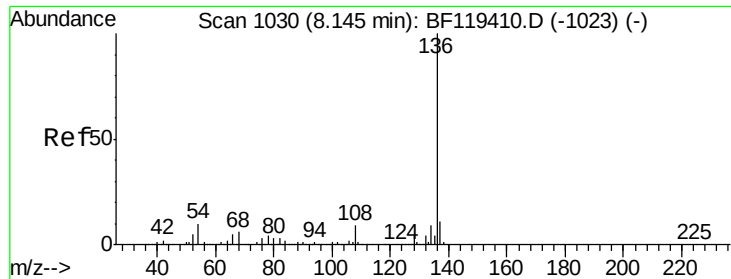
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#20
3+4-Methylphenols
Concen: 40.705 ng m
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	72.6	112.6	
77	84.8	44.7	84.7#	
79	31.1	10.2	50.2	





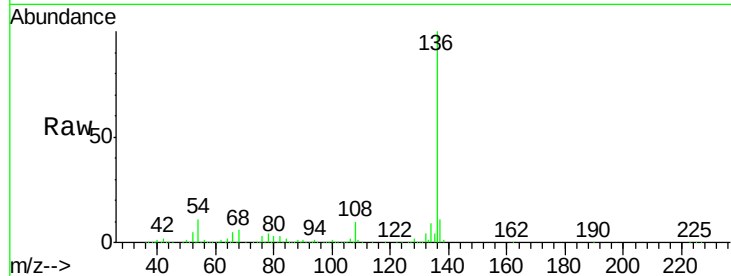
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

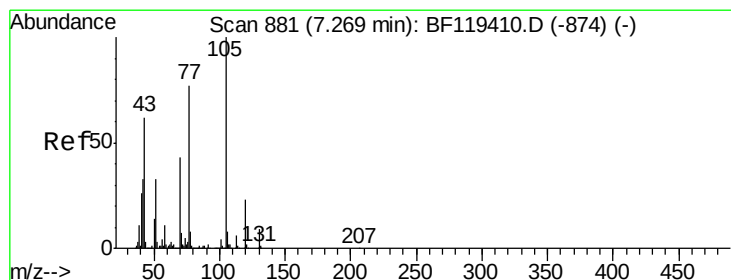
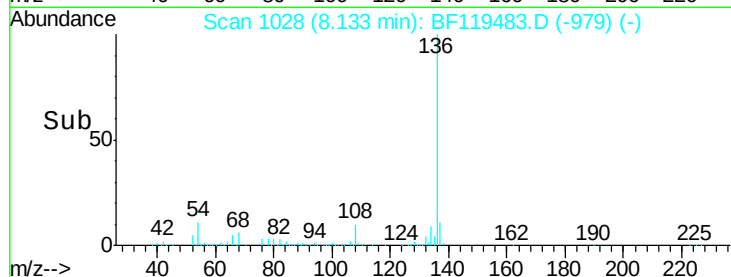
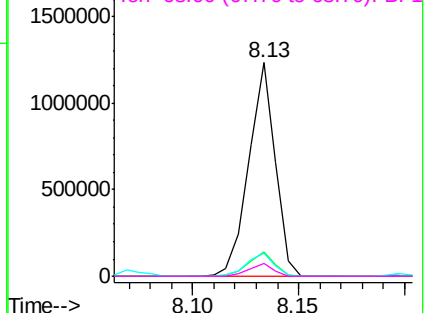
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.7	8.3	12.5
68	5.8	4.9	7.3

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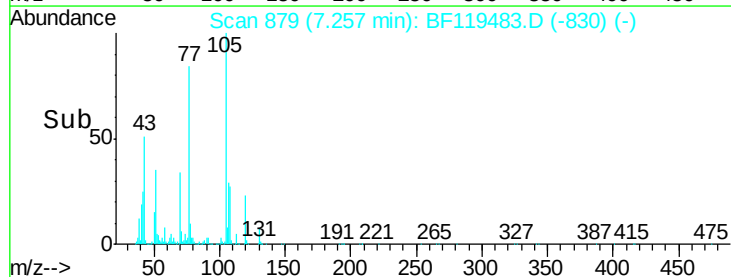
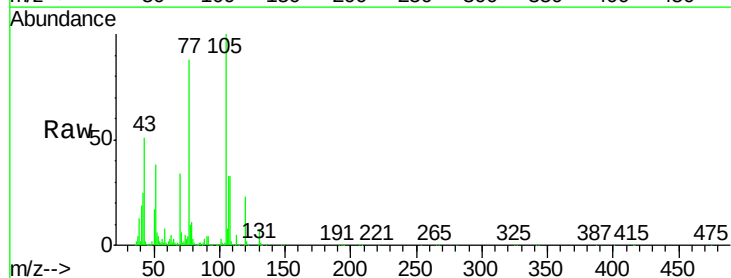
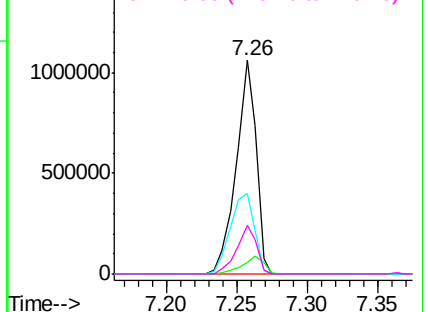
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

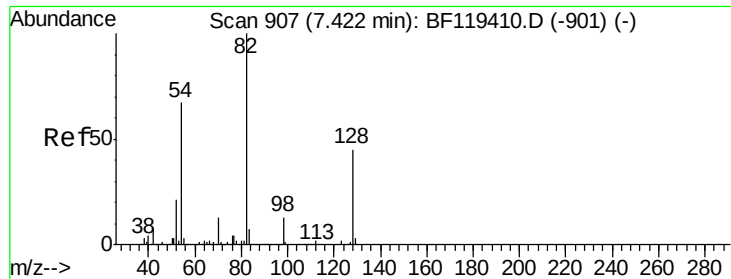


#22
Acetophenone
Concen: 40.520 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.6	5.8	8.6#
51	37.7	26.8	40.2
120	23.1	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





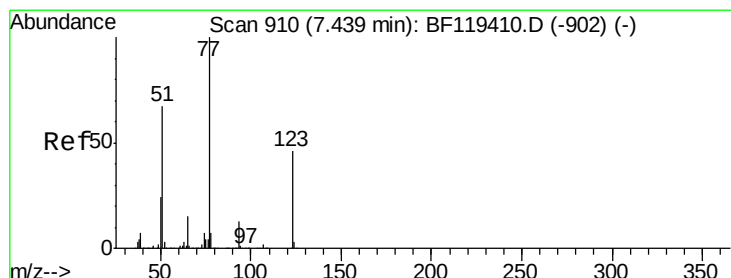
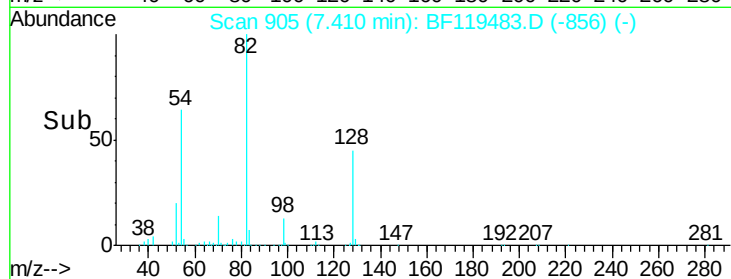
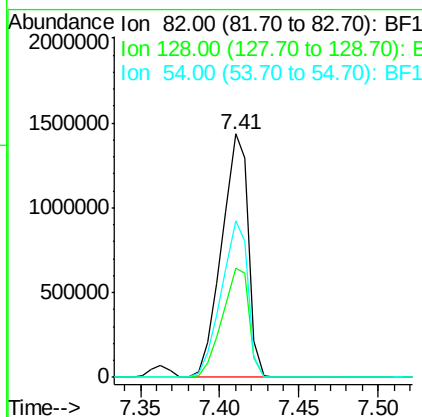
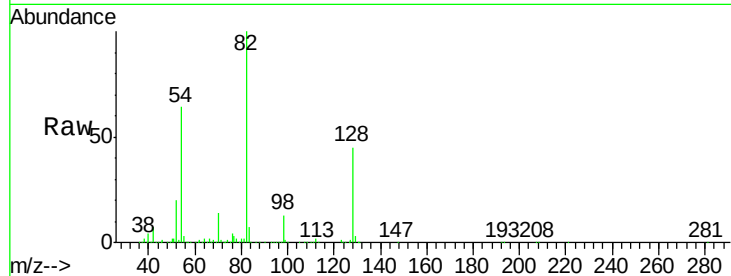
#23
Nitrobenzene-d5
Concen: 84.401 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1671004
Ion Ratio Lower Upper
82 100
128 45.0 35.8 53.8
54 64.4 53.4 80.0

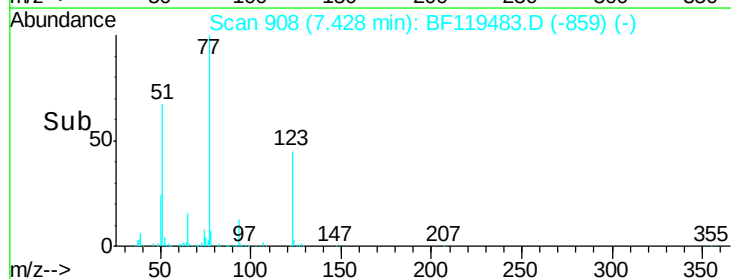
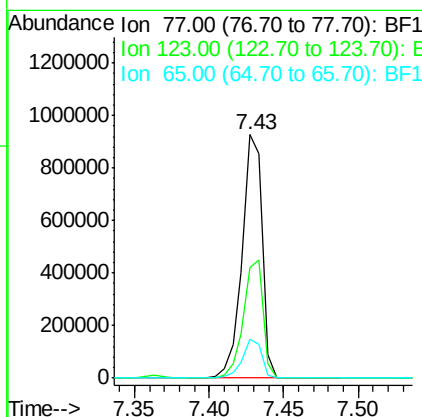
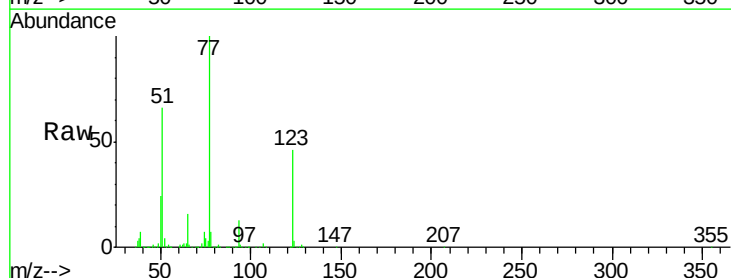
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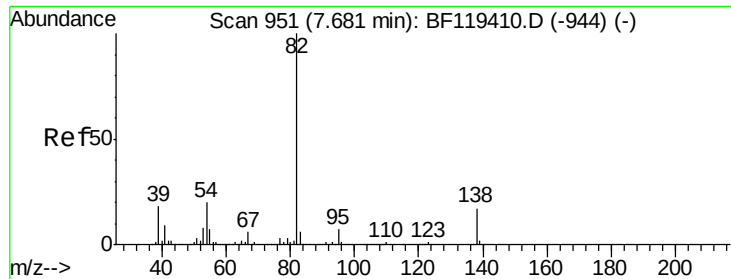
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#24
Nitrobenzene
Concen: 40.979 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion: 77 Resp: 867051
Ion Ratio Lower Upper
77 100
123 45.6 36.9 55.3
65 15.8 12.2 18.4





#25

Isophorone

Concen: 40.607 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1630831

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

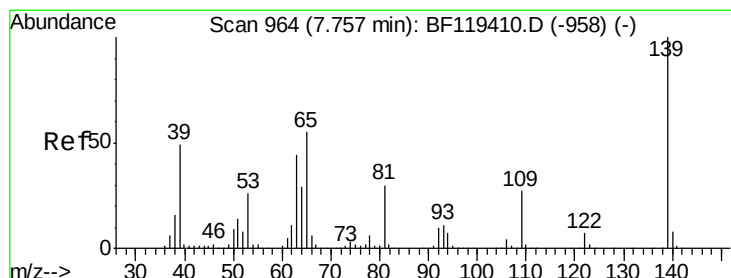
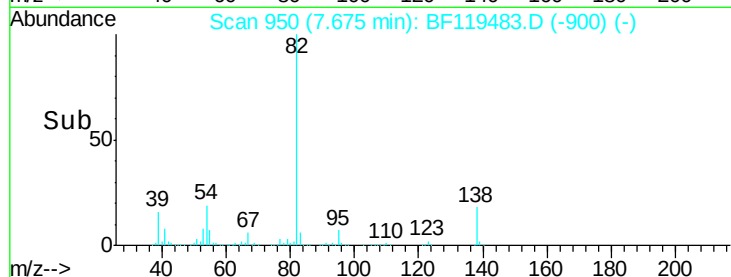
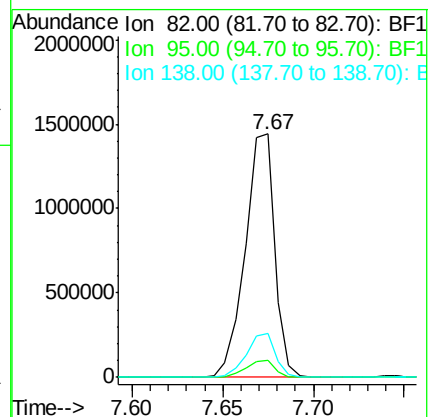
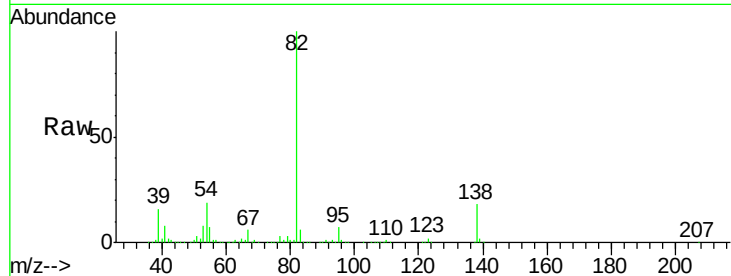
138 18.2 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.610 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

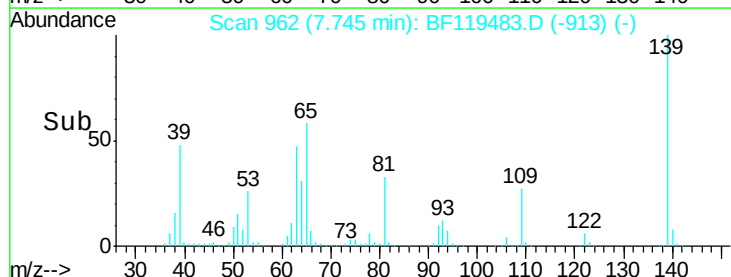
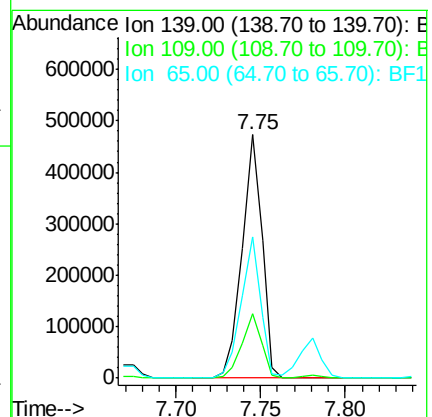
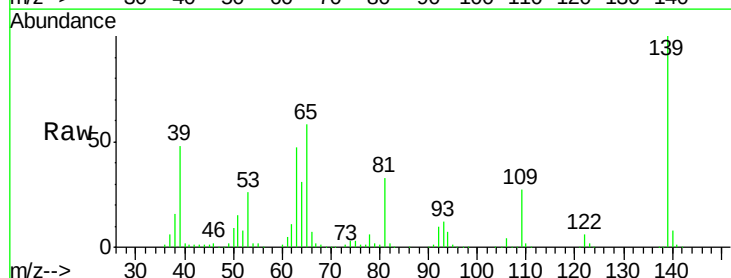
Tgt Ion: 139 Resp: 388302

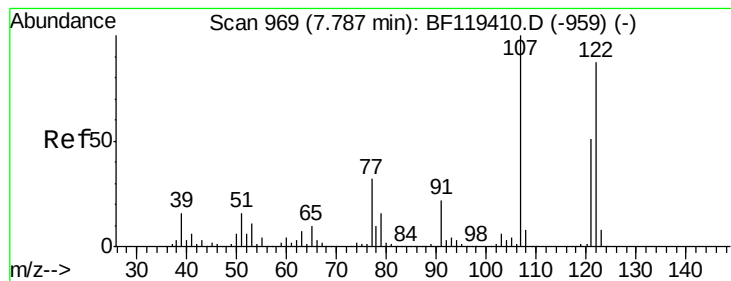
Ion Ratio Lower Upper

139 100

109 26.6 21.7 32.5

65 58.0 43.9 65.9





#27

2,4-Dimethylphenol

Concen: 39.063 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

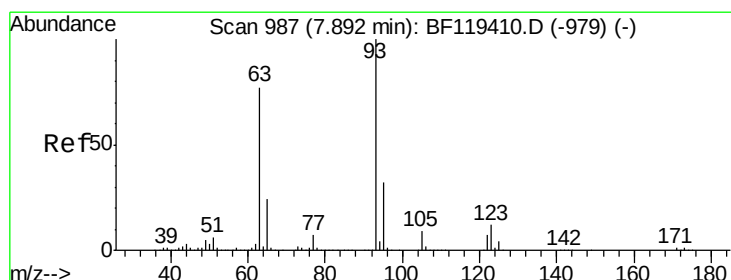
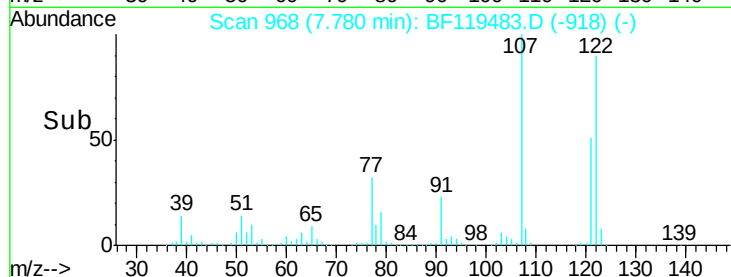
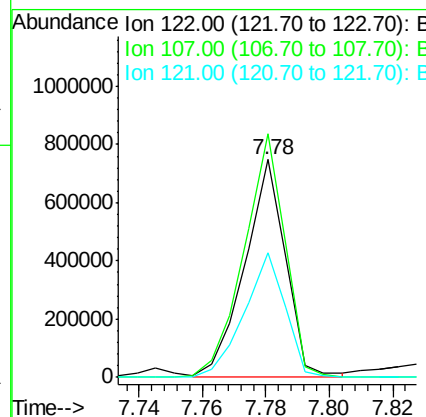
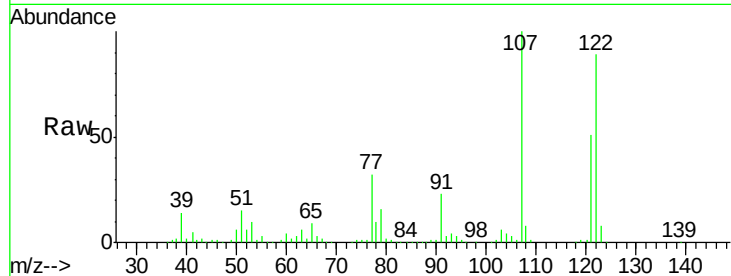
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		672893		
107	111.7	91.8	137.6		
121	57.2	46.5	69.7		

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#28

bis(2-Chloroethoxy)methane

Concen: 41.184 ng

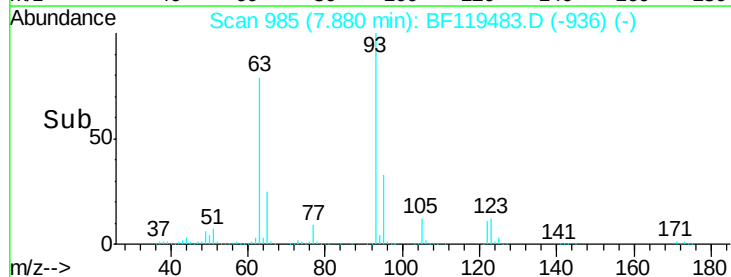
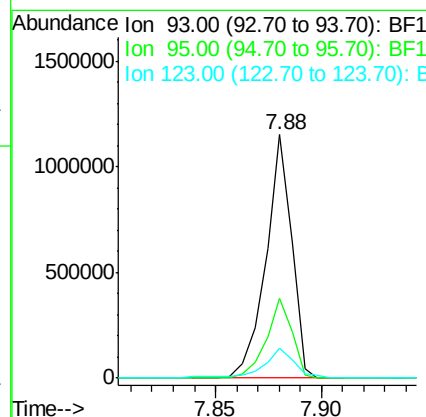
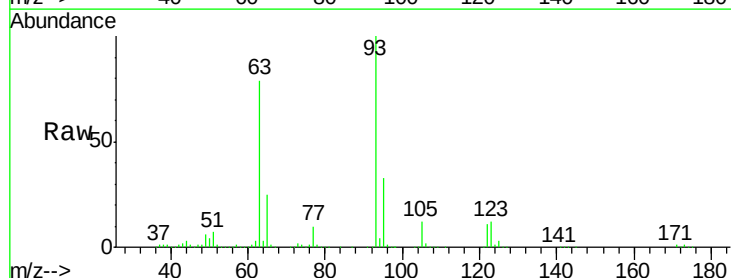
RT: 7.88 min Scan# 985

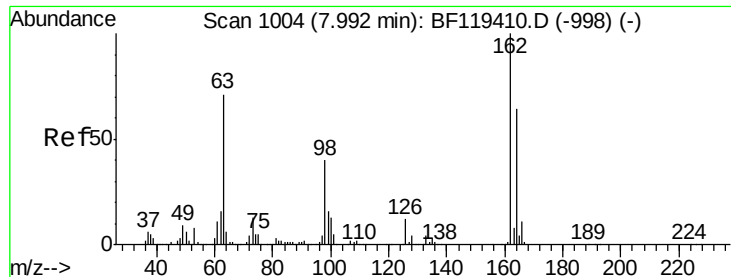
Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		978062		
95	32.9	26.0	39.0		
123	12.3	9.7	14.5		





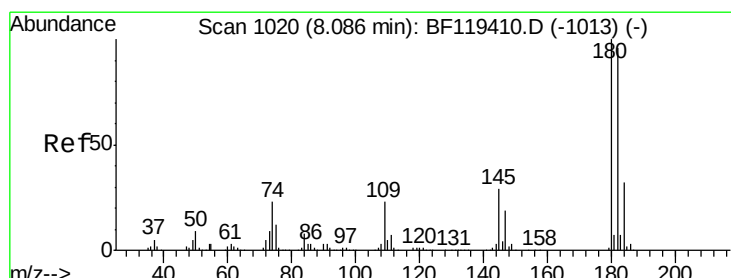
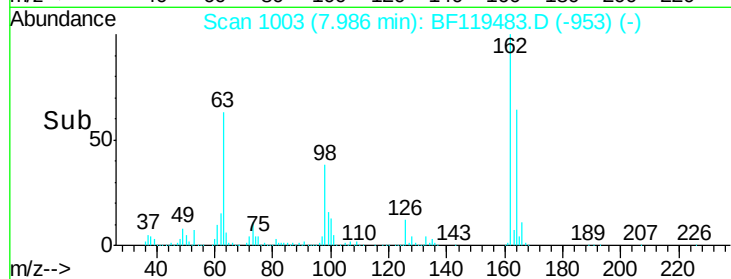
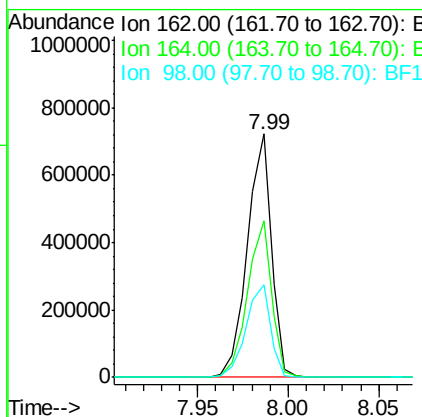
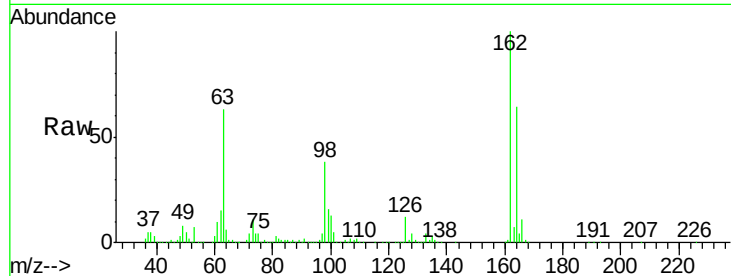
#29
2,4-Dichlorophenol
Concen: 42.302 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	38.2	20.4	60.4

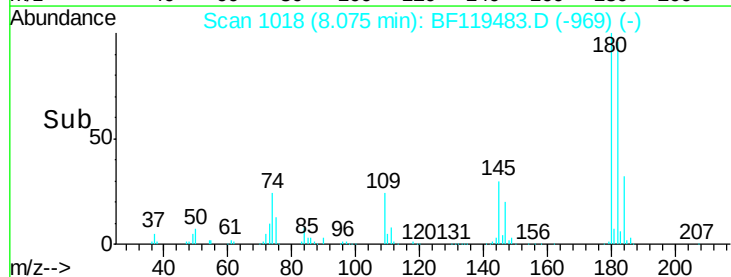
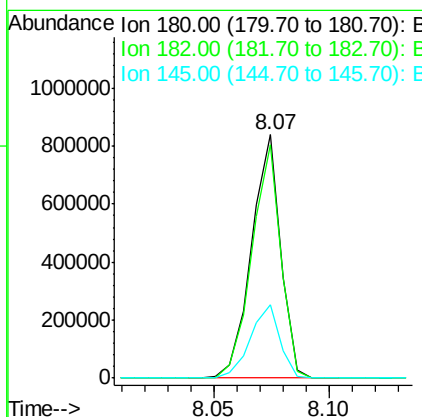
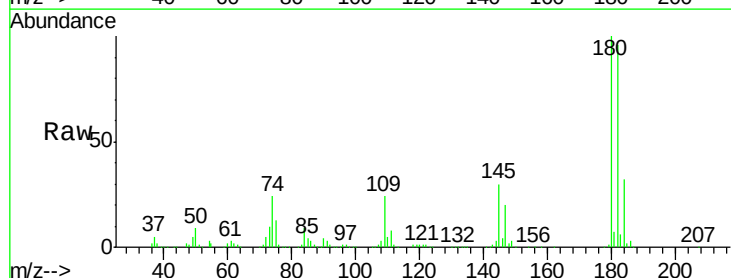
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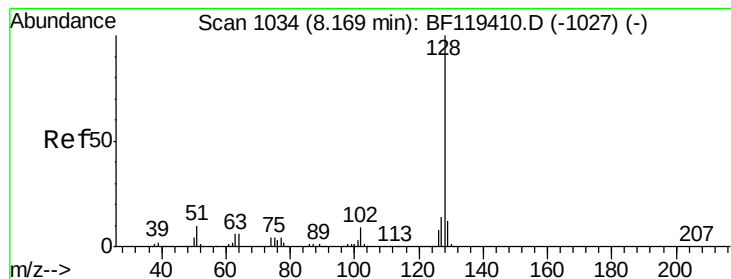
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#30
1,2,4-Trichlorobenzene
Concen: 42.119 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	115.0
145	30.0	23.2	34.8





#31

Naphthalene

Concen: 41.227 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2282804

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

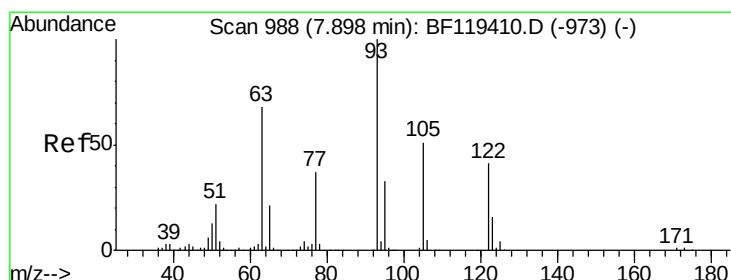
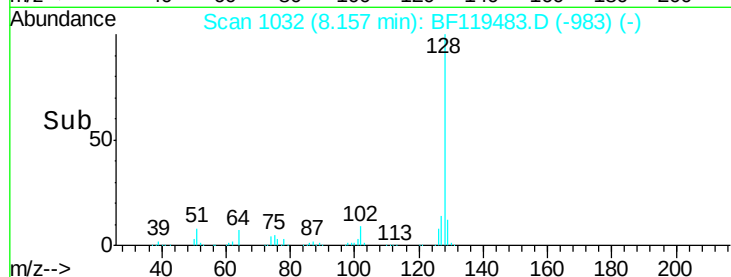
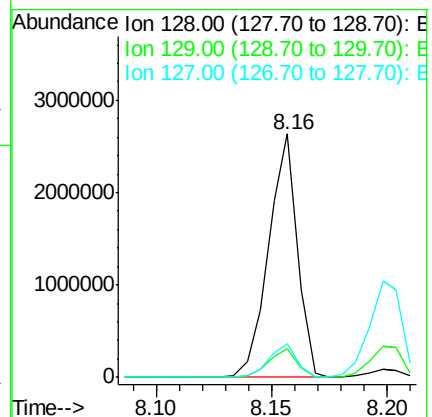
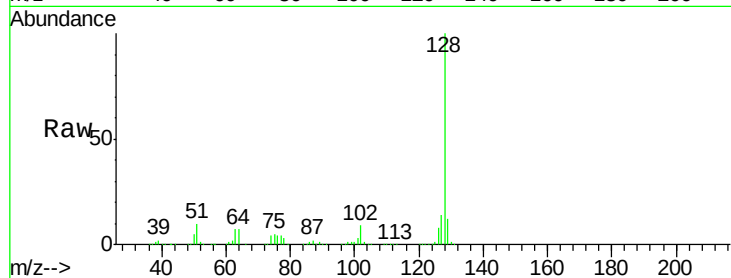
127 14.0 11.0 16.4

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#32

Benzoic acid

Concen: 47.637 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

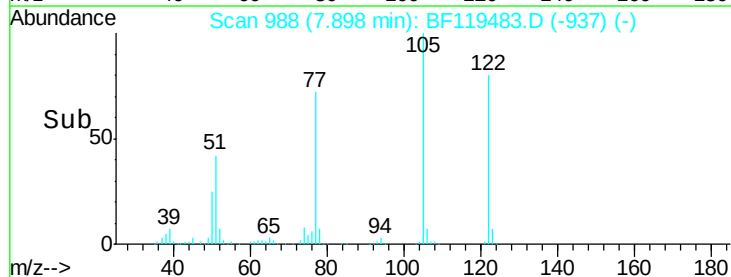
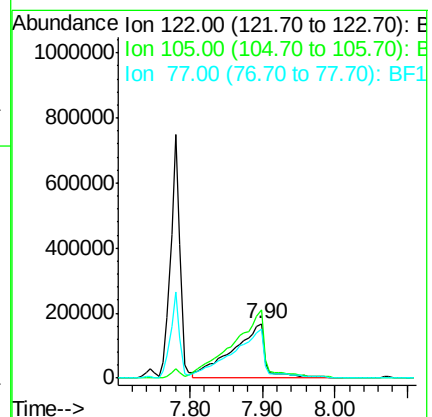
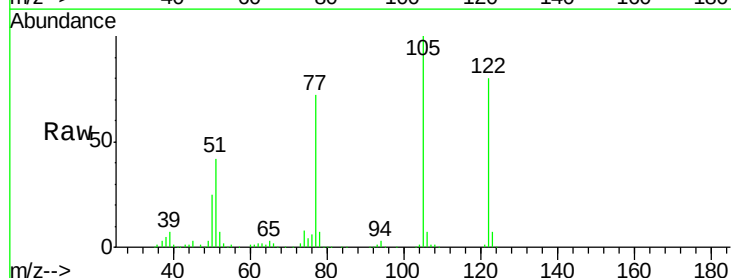
Tgt Ion:122 Resp: 527858

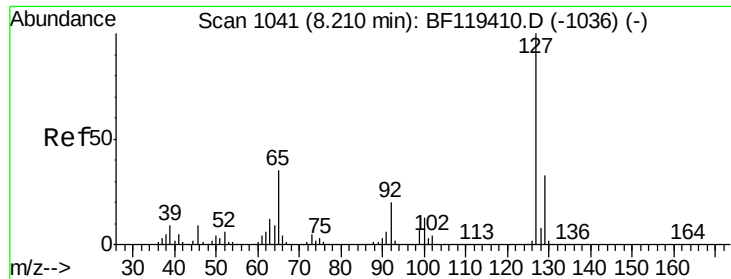
Ion Ratio Lower Upper

122 100

105 125.1 102.9 142.9

77 90.2 70.1 110.1





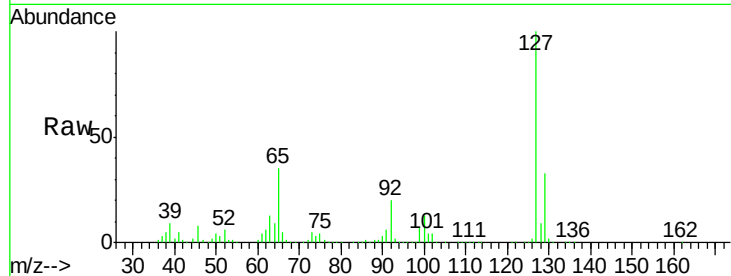
#33
4-Chloroaniline
Concen: 40.661 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

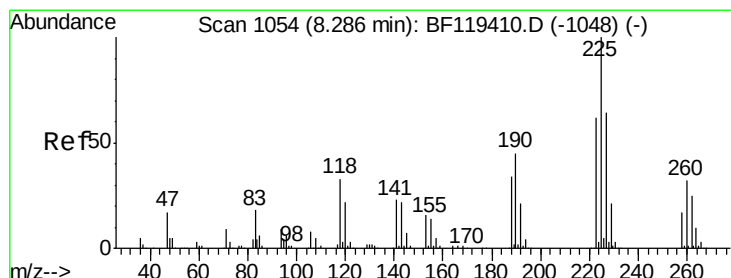
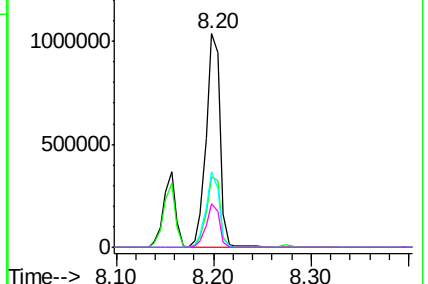
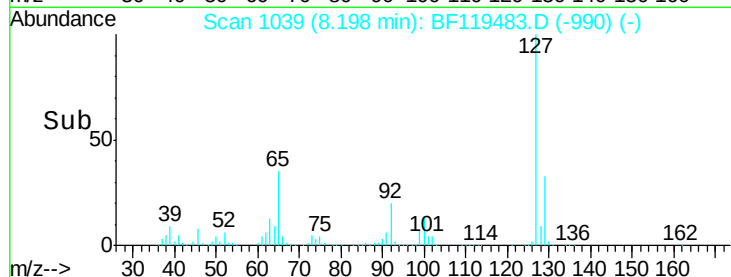
Tot Ion:127 Resp: 1031664
Ion Ratio Lower Upper
127 100
129 32.8 26.2 39.4
65 35.4 27.7 41.5
92 20.3 15.8 23.6

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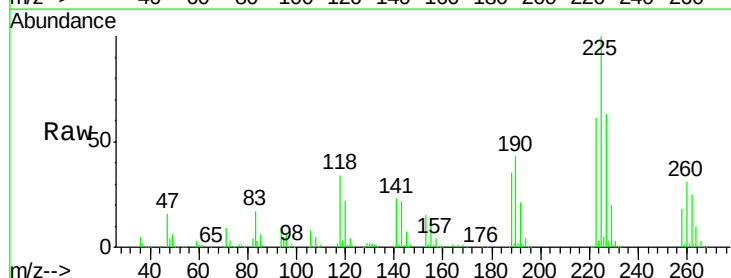


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

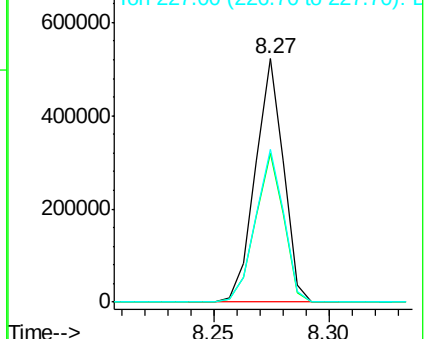
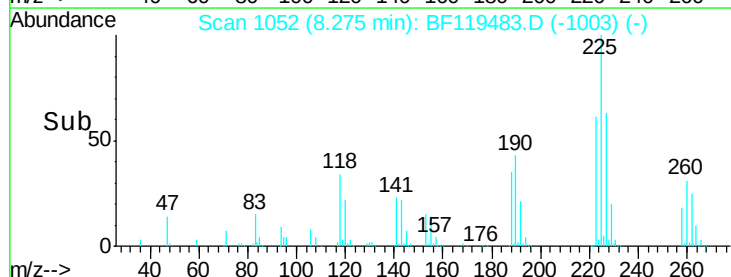


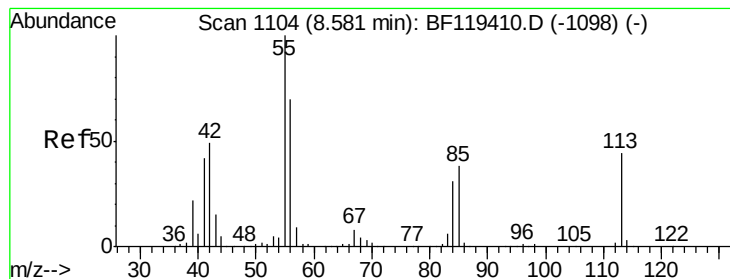
#34
Hexachlorobutadiene
Concen: 45.331 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion:225 Resp: 443957
Ion Ratio Lower Upper
225 100
223 61.3 49.2 73.8
227 62.9 51.1 76.7



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





#35

Caprolactam

Concen: 40.640 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

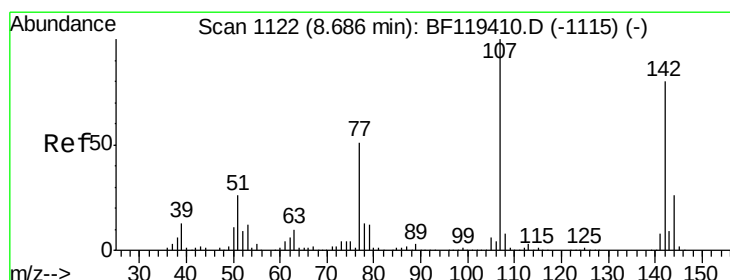
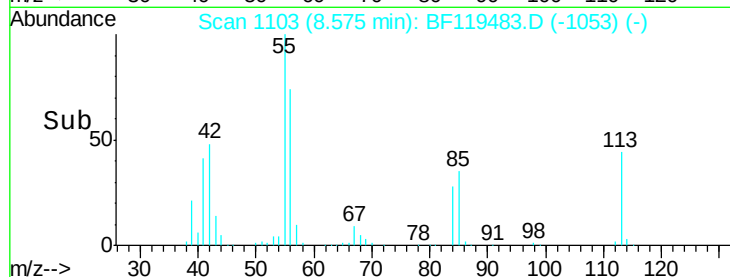
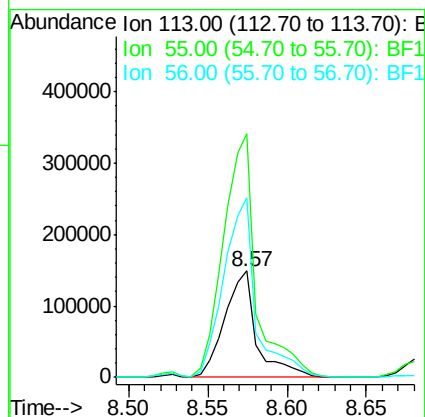
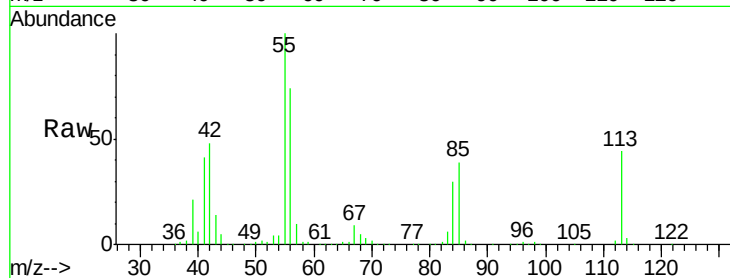
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	228.7	208.4	248.4
56	168.7	138.9	178.9

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#36

4-Chloro-3-methylphenol

Concen: 41.885 ng

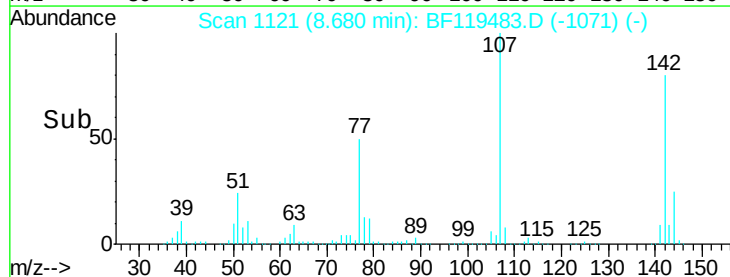
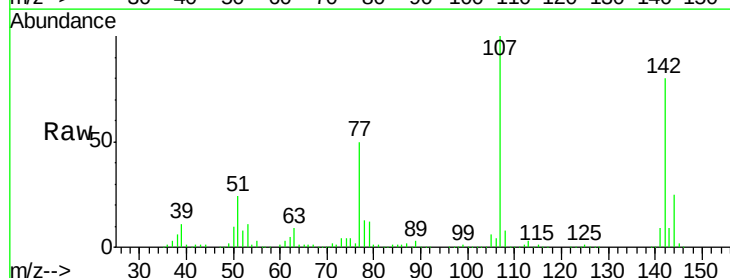
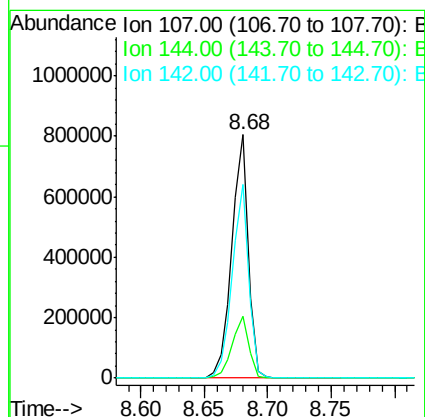
RT: 8.68 min Scan# 1121

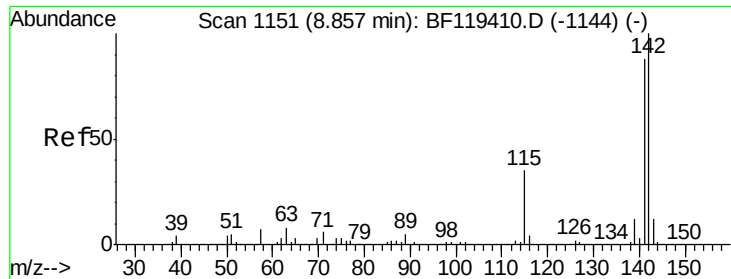
Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.6	31.0
142	79.7	63.8	95.6





#37

2-Methylnaphthalene

Concen: 42.635 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1549372

Ion Ratio Lower Upper

142 100

141 87.5 70.4 105.6

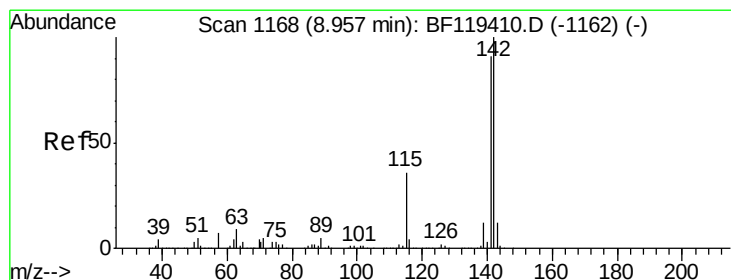
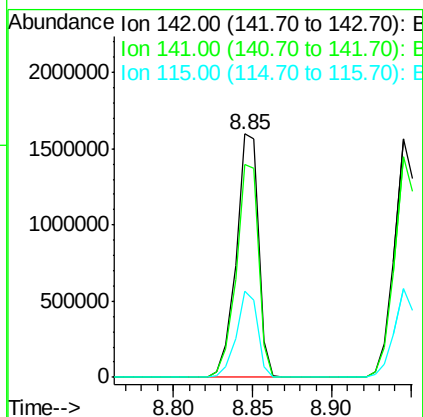
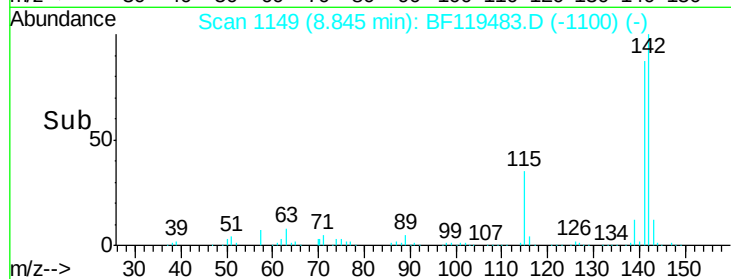
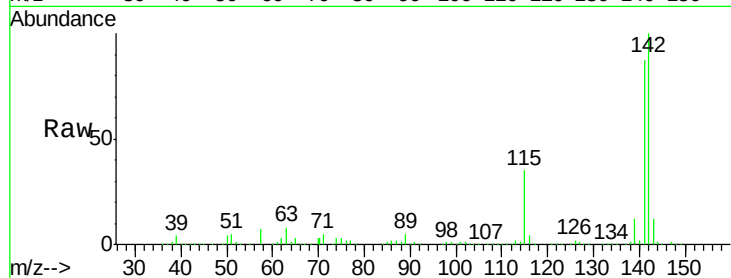
115 35.3 27.8 41.6

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#38

1-Methylnaphthalene

Concen: 41.905 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

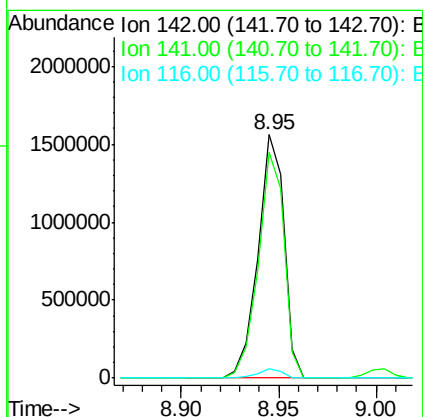
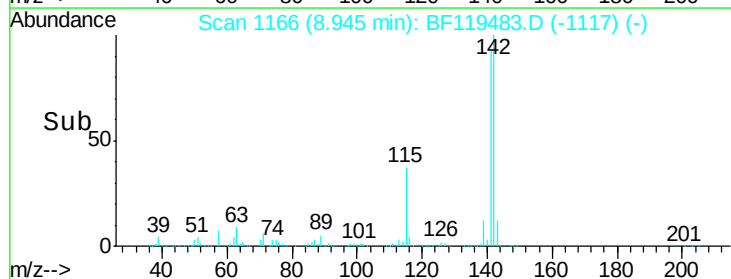
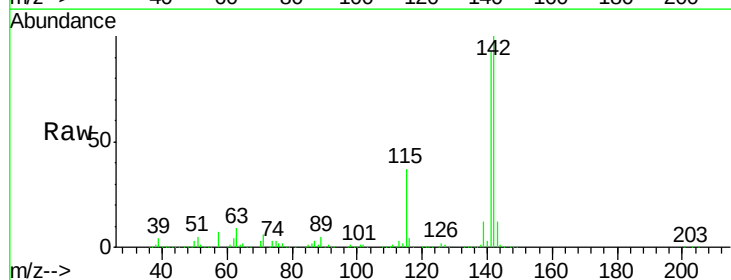
Tgt Ion:142 Resp: 1441393

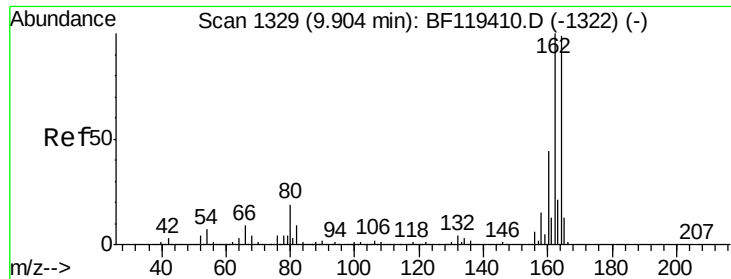
Ion Ratio Lower Upper

142 100

141 92.9 73.1 109.7

116 3.8 3.0 4.6





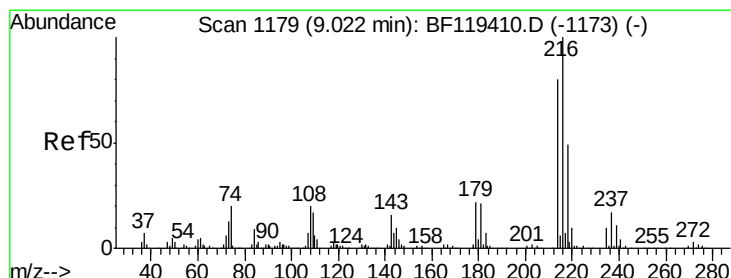
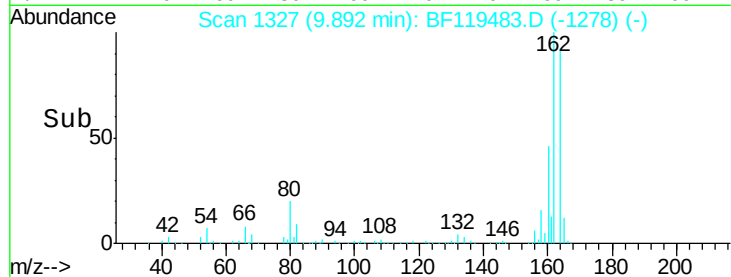
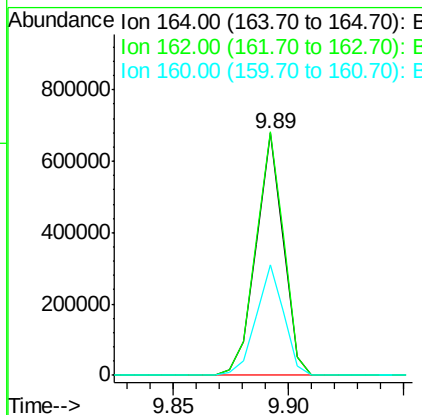
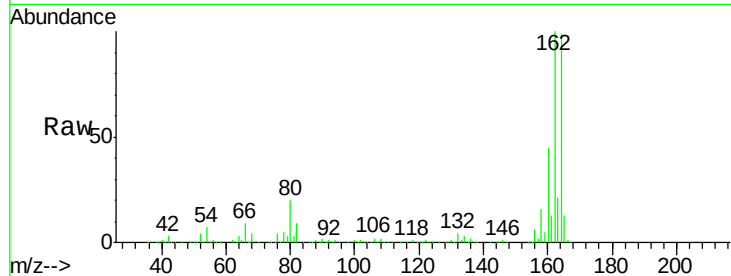
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	80.7	121.1	
160	45.6	35.5	53.3	

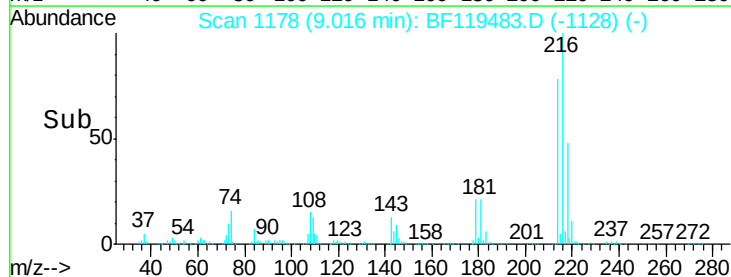
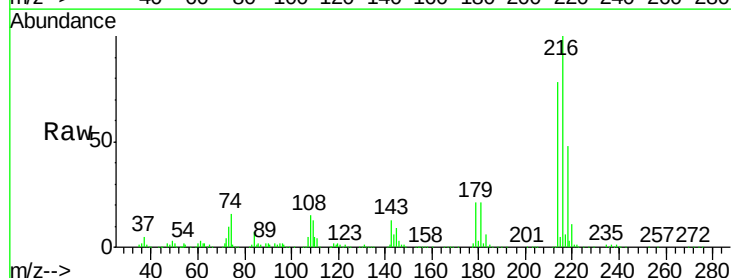
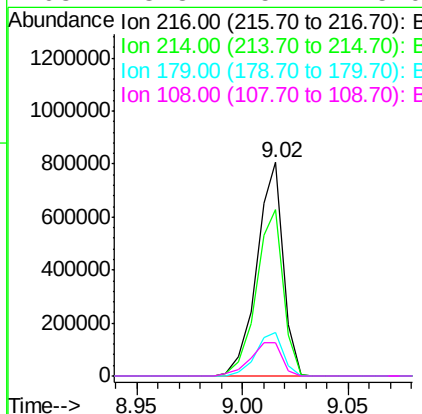
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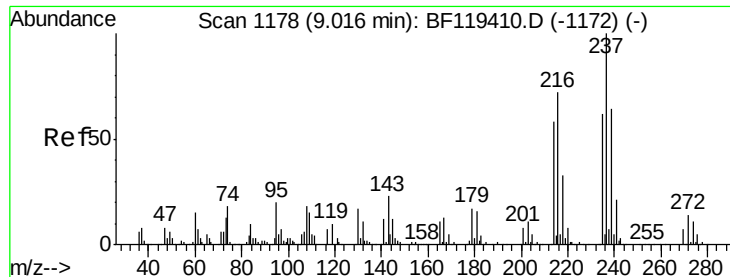
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.523 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.0	94.6	
179	21.3	17.0	25.4	
108	18.8	15.4	23.0	





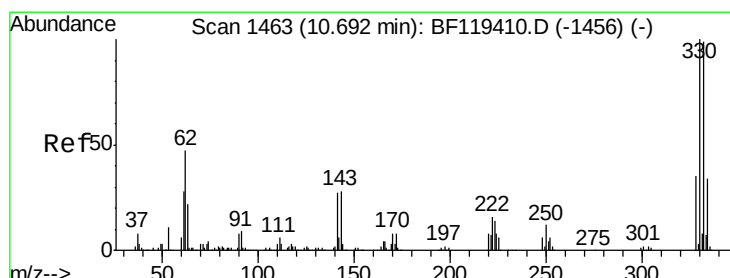
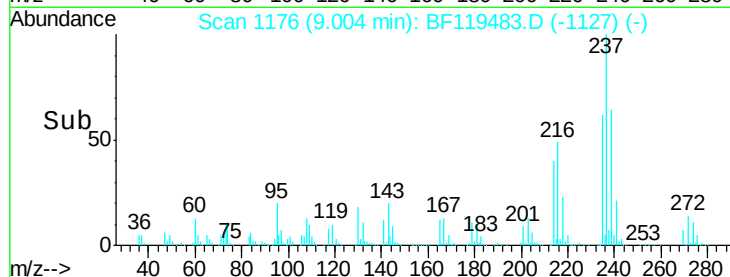
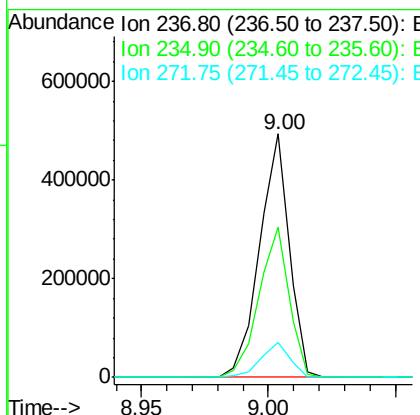
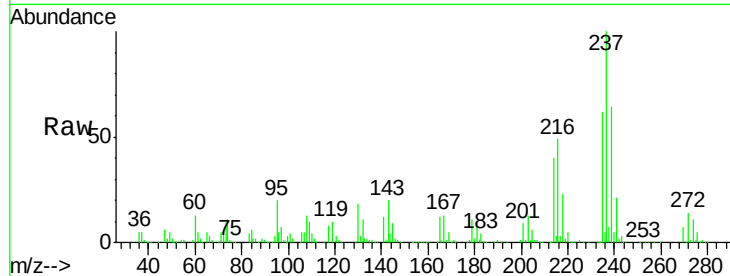
#41
Hexachlorocyclopentadiene
Concen: 43.343 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	237	Resp:	405794
Ion Ratio	Lower	Upper	
237	100		
235	61.9	42.5	82.5
272	14.1	0.0	34.3

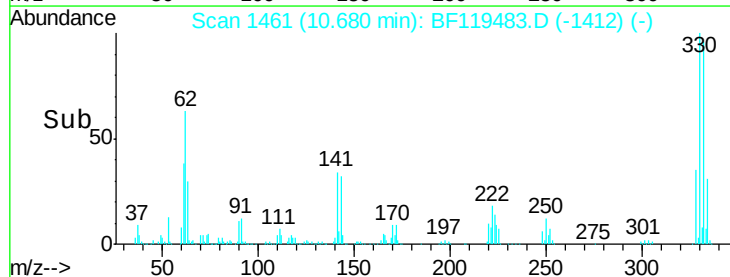
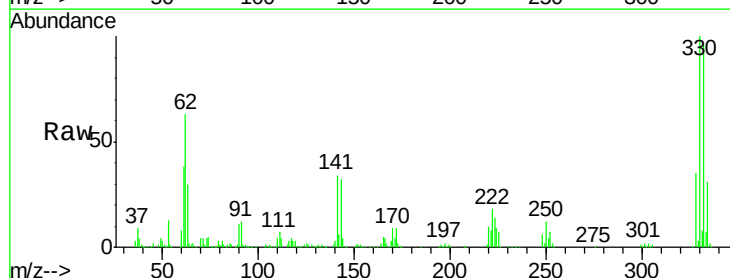
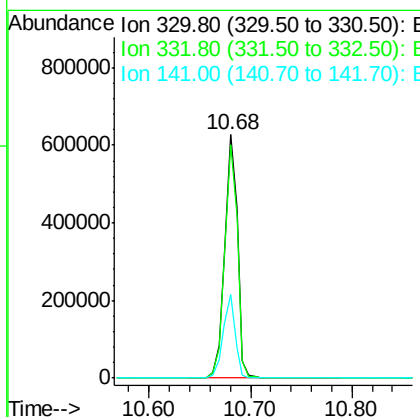
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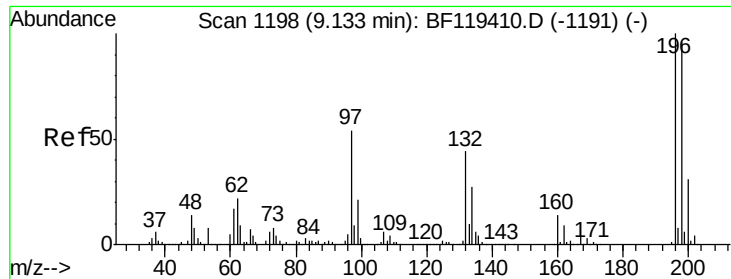
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#42
2,4,6-Tribromophenol
Concen: 94.114 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion:	330	Resp:	545523
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.6	116.4
141	32.2	26.6	40.0





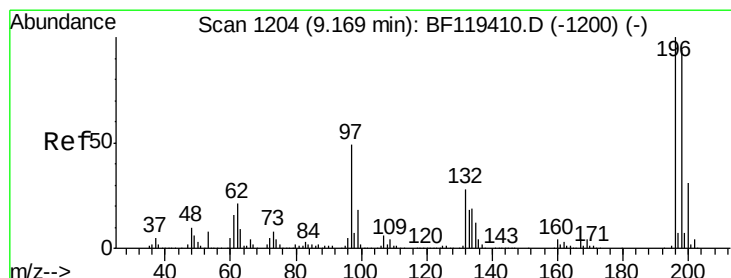
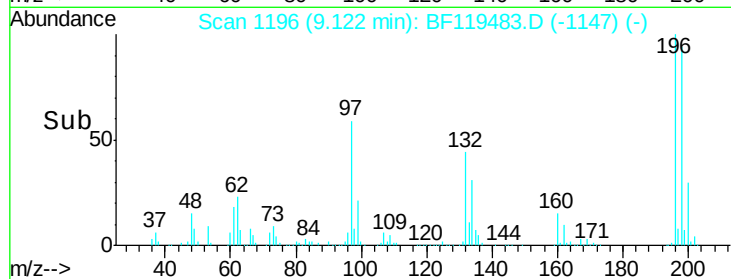
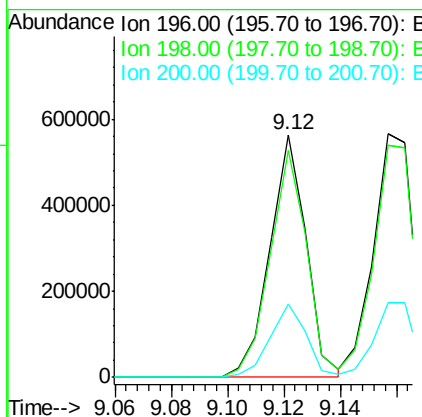
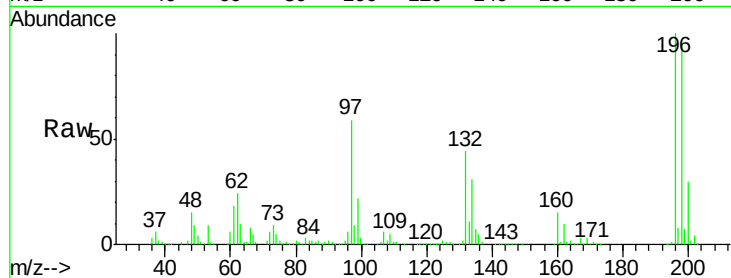
#43
 2,4,6-Trichlorophenol
 Concen: 42.605 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	502098		
198	93.6	77.0	115.4	
200	30.1	25.1	37.7	

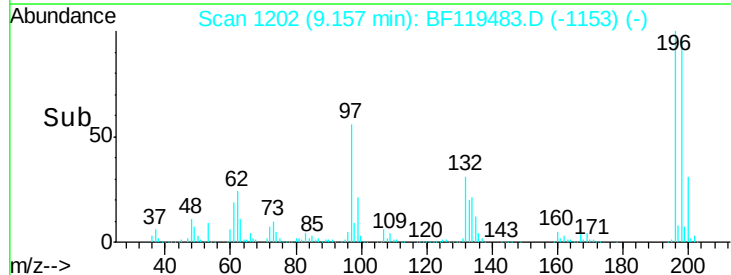
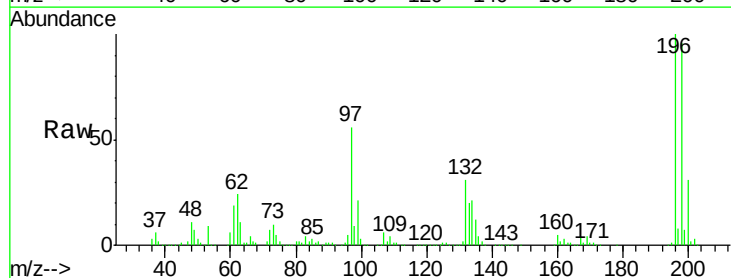
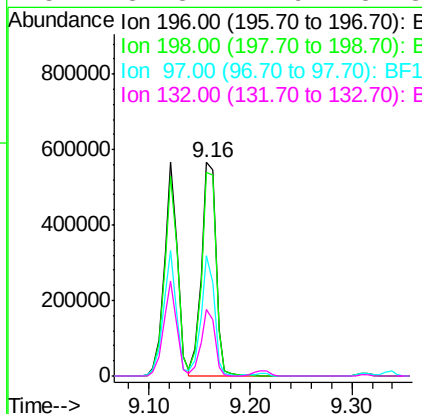
Manual Integrations
 APPROVED

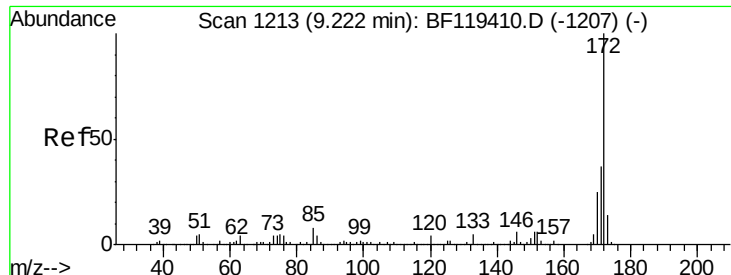
mohammad
 3/25/2020 12:29:21 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.753 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	564428		
198	95.5	75.3	112.9	
97	56.5	39.0	58.4	
132	31.3	22.9	34.3	





#45

2-Fluorobiphenyl

Concen: 80.793 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 3064093

Ion Ratio Lower Upper

172 100

171 37.3 29.9 44.9

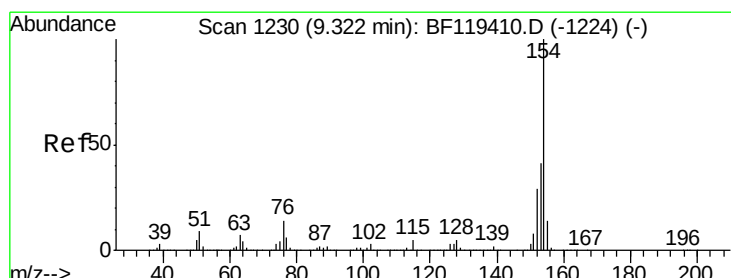
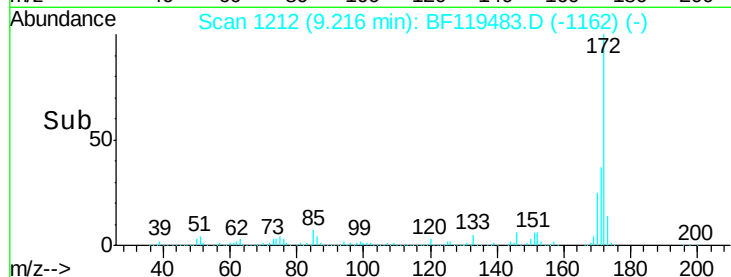
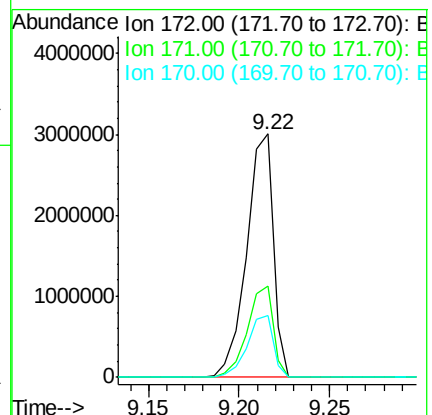
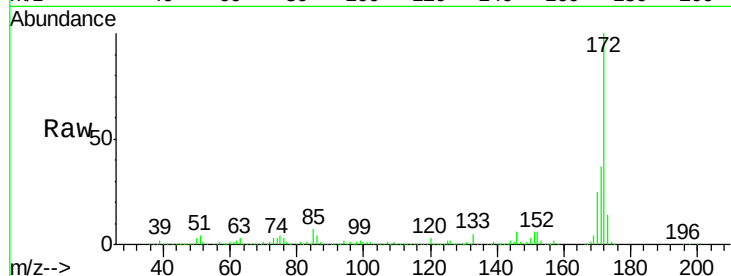
170 25.5 20.1 30.1

Manual Integrations

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#46

1,1'-Biphenyl

Concen: 41.515 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

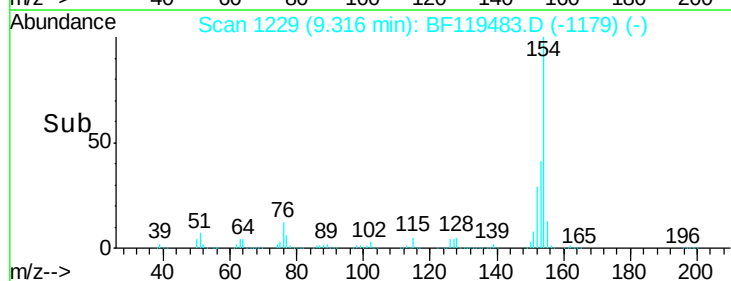
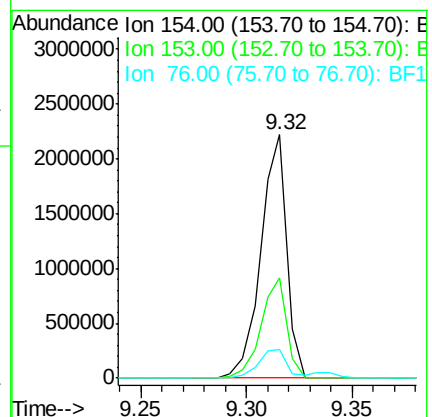
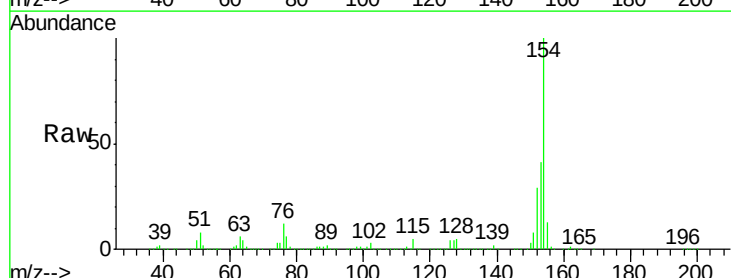
Tgt Ion:154 Resp: 1899723

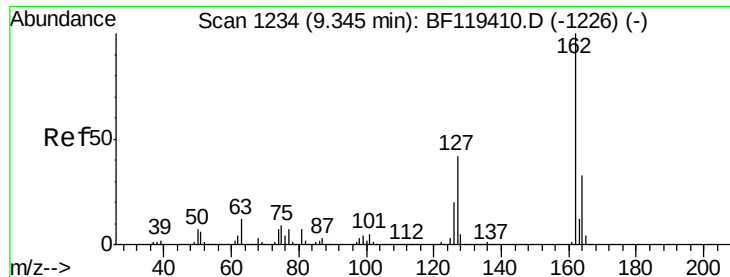
Ion Ratio Lower Upper

154 100

153 41.3 21.4 61.4

76 11.7 0.0 33.6





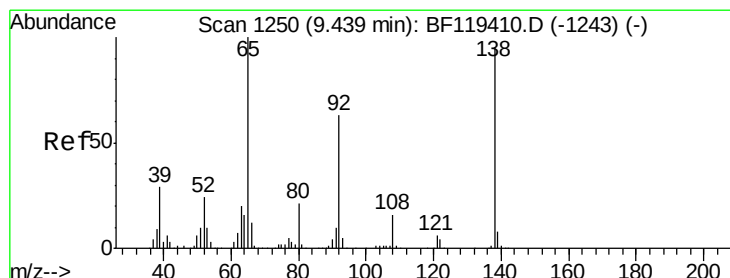
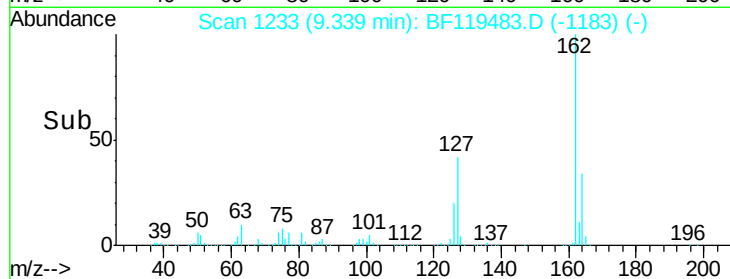
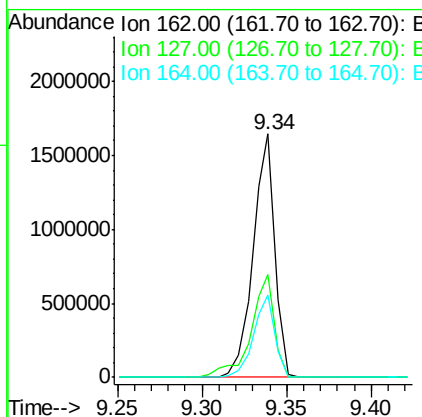
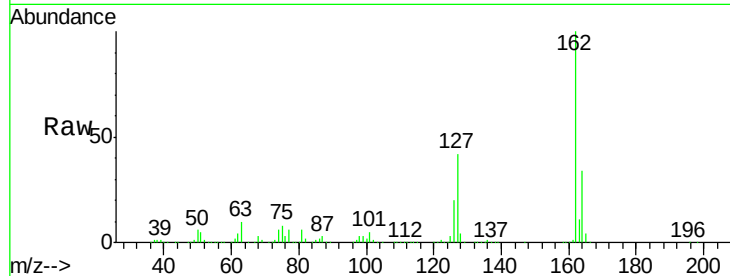
#47
 2-Chloronaphthalene
 Concen: 41.205 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.7	50.5
164	34.0	26.2	39.4

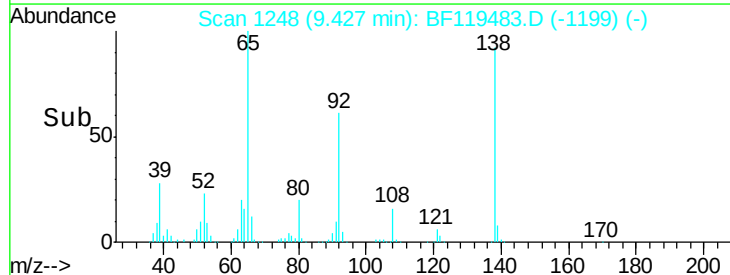
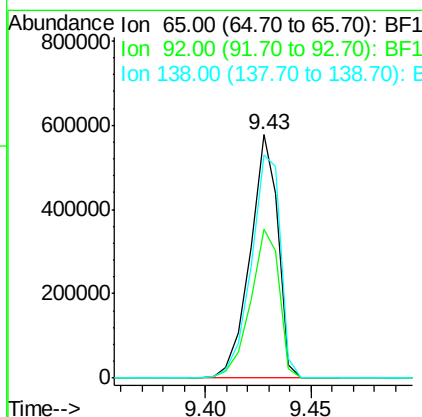
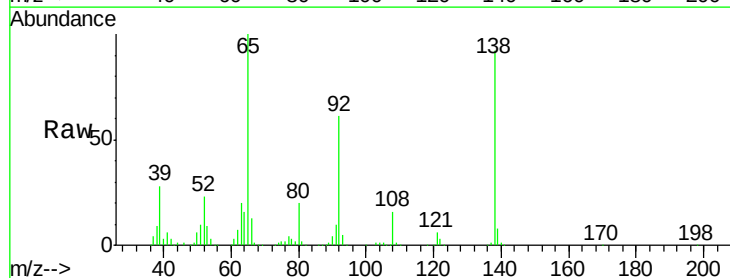
Manual Integrations
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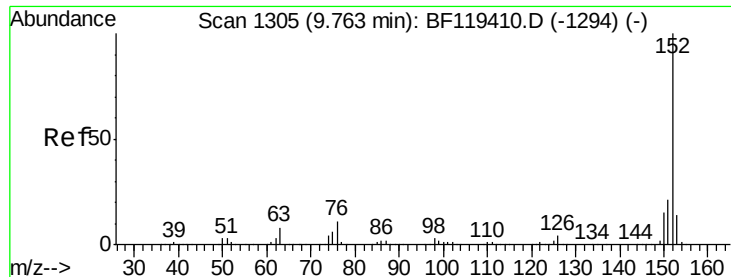
mohammad
 3/25/2020 12:29:21 PM



#48
 2-Nitroaniline
 Concen: 42.700 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.3	50.5	75.7
138	91.9	75.8	113.8





#49

Acenaphthylene

Concen: 40.885 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2301354

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

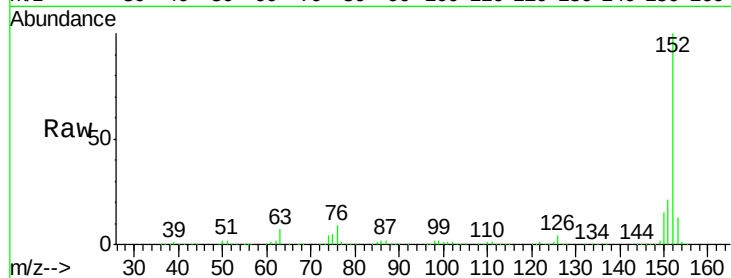
153 13.5 11.2 16.8

Manual Integrations

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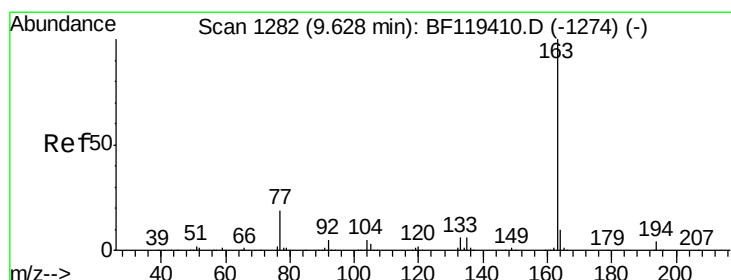
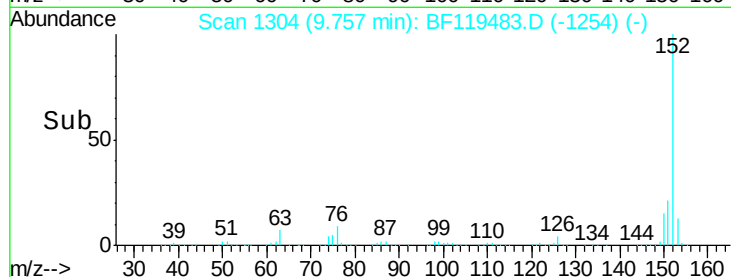
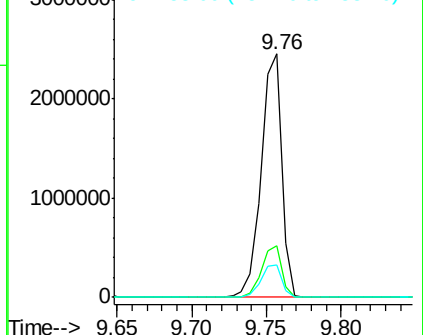
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.950 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

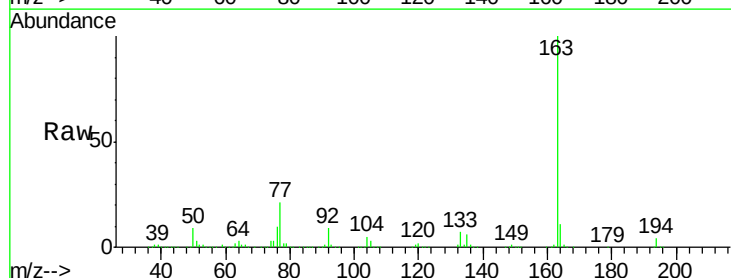
Tgt Ion:163 Resp: 1714051

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

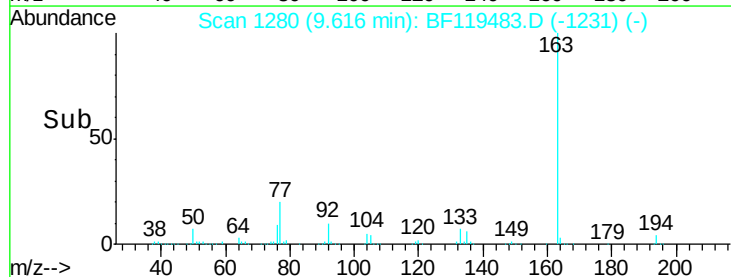
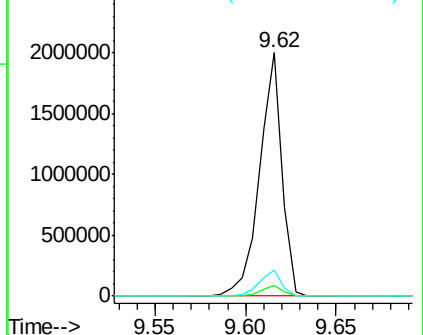
164 10.6 8.1 12.1

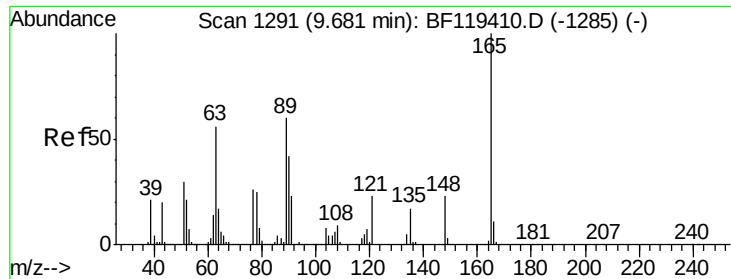


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





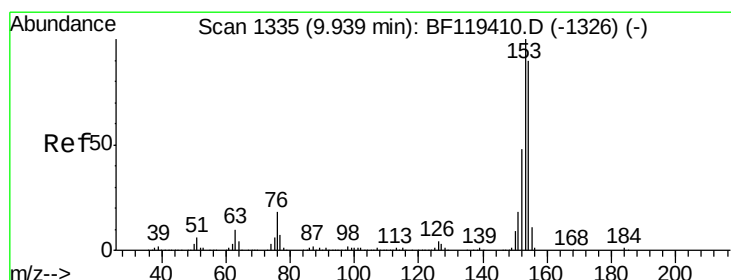
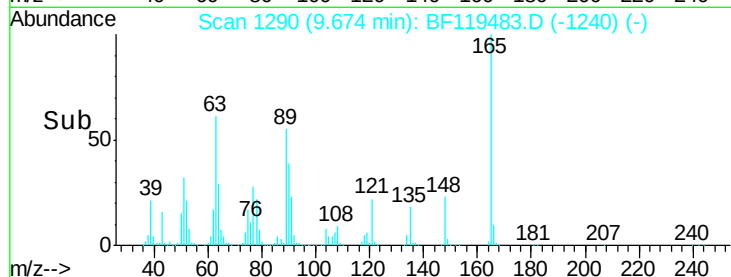
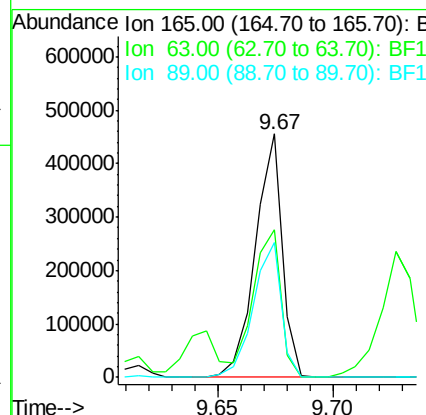
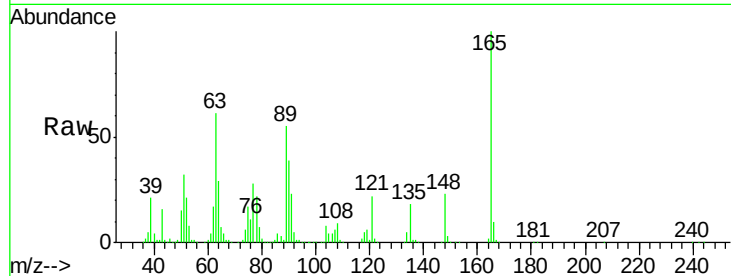
#51
2,6-Dinitrotoluene
Concen: 43.677 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	373617		
63	60.8	57.3	85.9	
89	55.5	47.8	71.8	

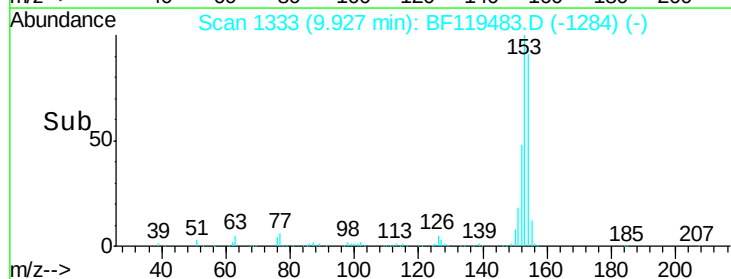
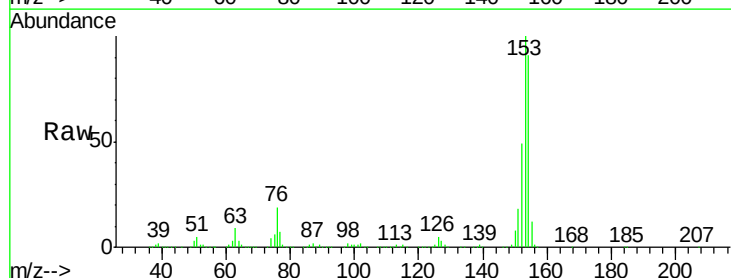
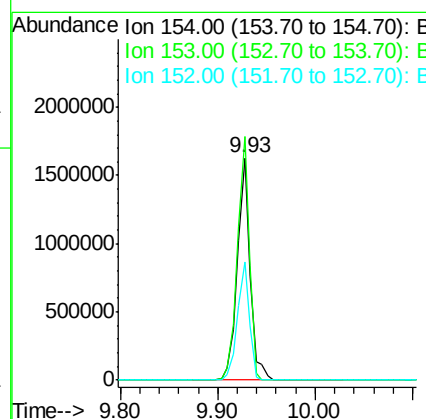
Manual Integrations
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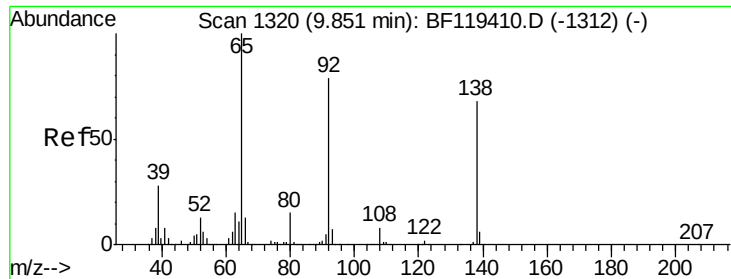
mohammad
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#52
Acenaphthene
Concen: 42.016 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1474380		
153	109.8	89.0	133.6	
152	53.5	43.1	64.7	





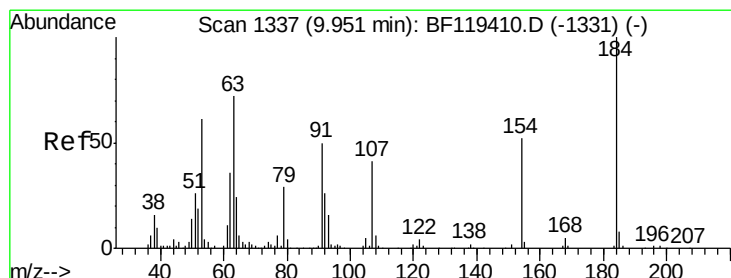
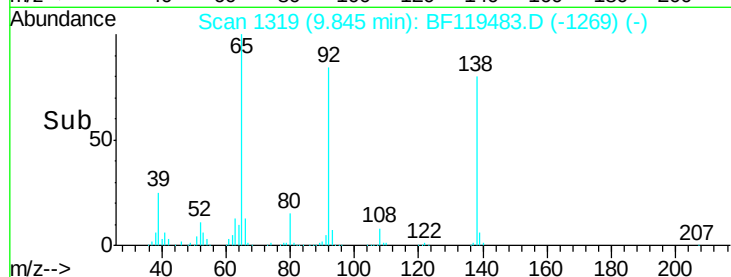
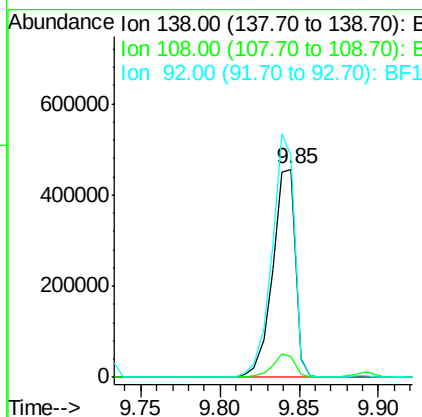
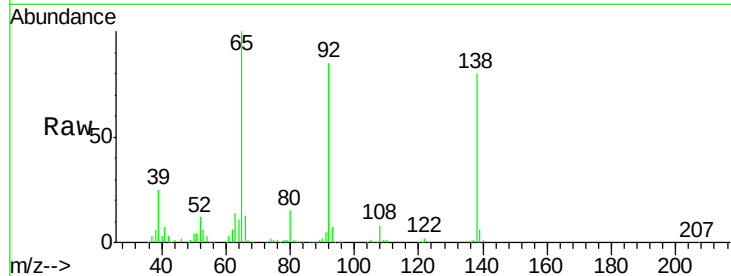
#53
3-Nitroaniline
Concen: 42.521 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.0	13.6
92	106.3	93.2	139.8

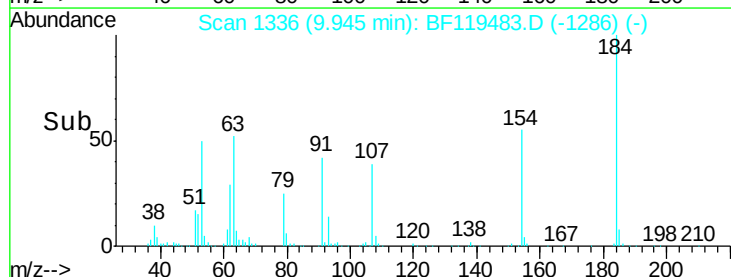
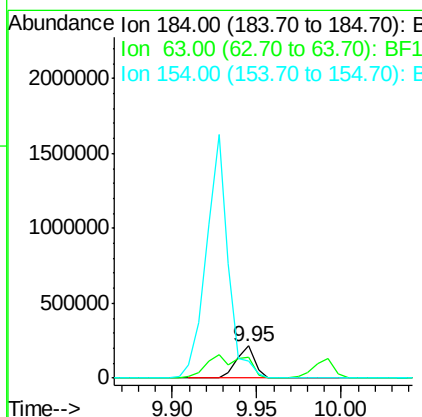
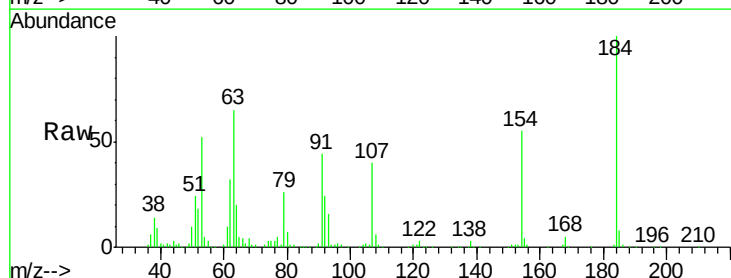
Manual Integrations
APPROVED

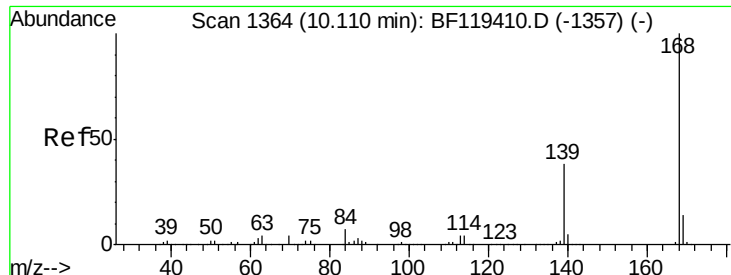
mohammad
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#54
2,4-Dinitrophenol
Concen: 47.216 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.8	58.5	87.7
154	55.3	51.8	77.6





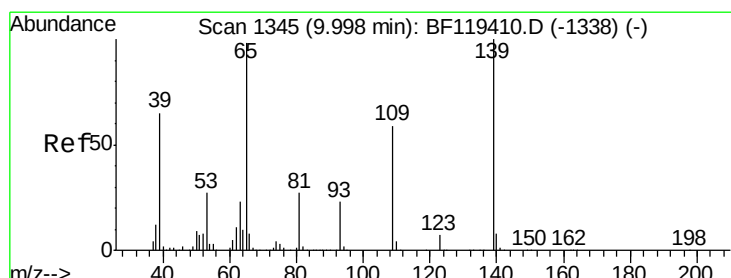
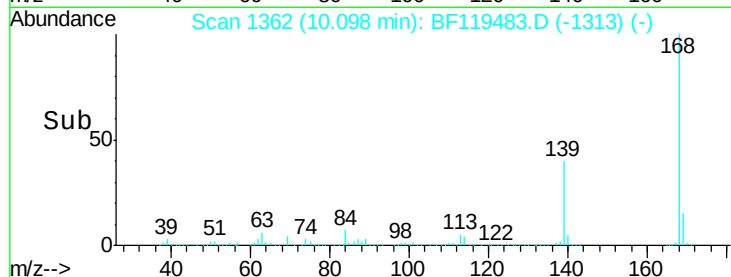
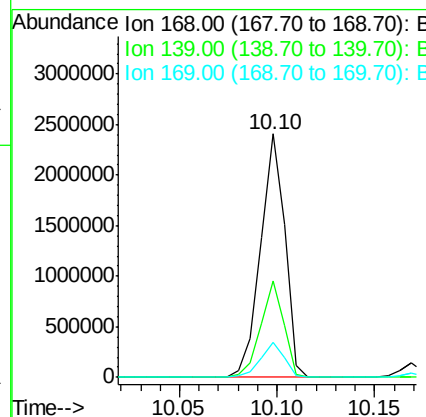
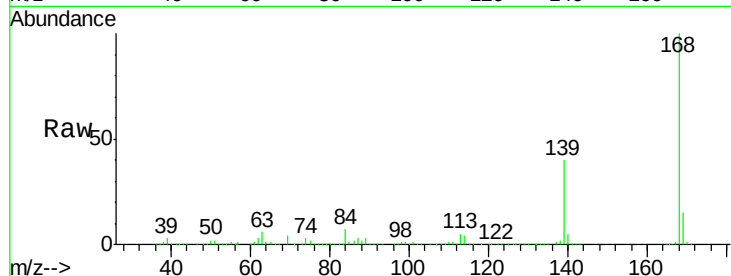
#55
Dibenzenofuran
Concen: 41.265 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.2	45.4
169	14.6	11.1	16.7

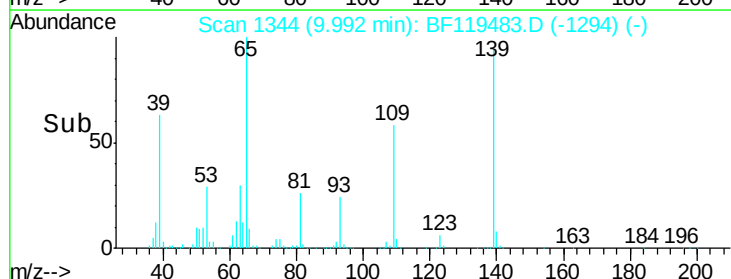
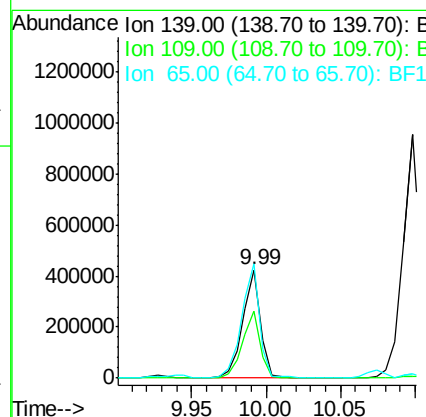
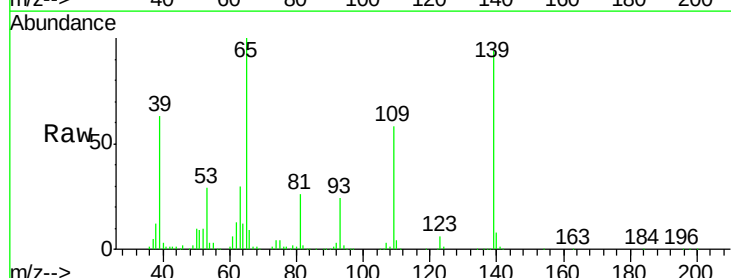
Manual Integrations
APPROVED

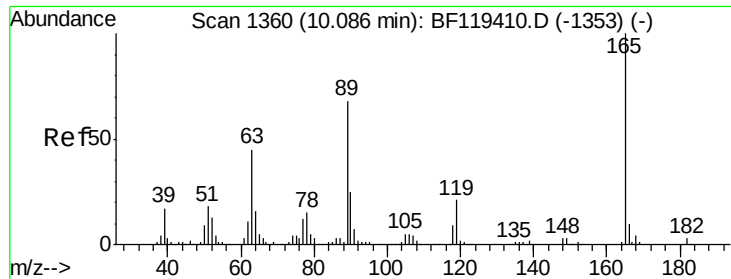
mohammad
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#56
4-Nitrophenol
Concen: 41.781 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.8	39.6	79.6
65	105.9	78.3	118.3





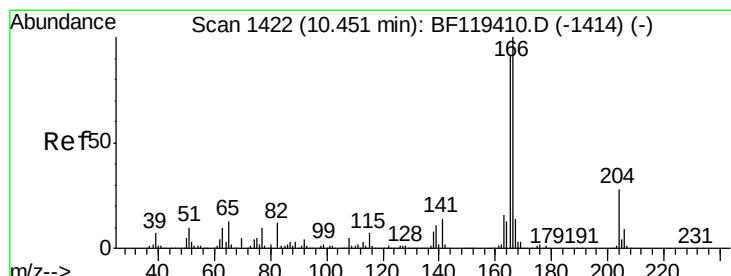
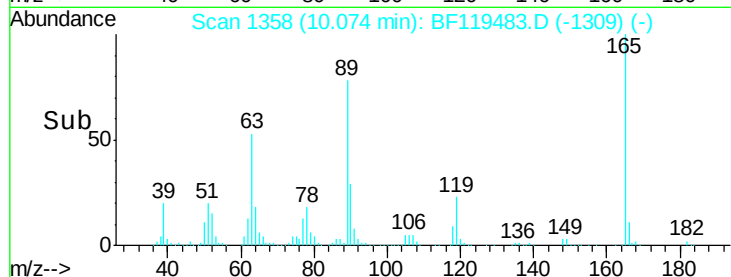
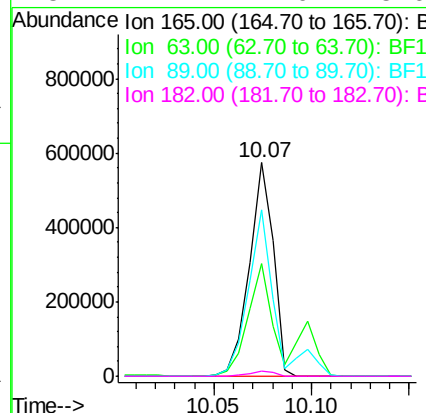
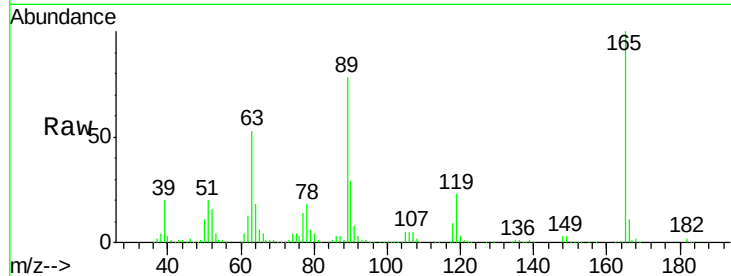
#57
2,4-Dinitrotoluene
Concen: 45.417 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		489414		
63	52.8	36.2	54.4		
89	77.6	54.3	81.5		
182	2.4	2.0	3.0		

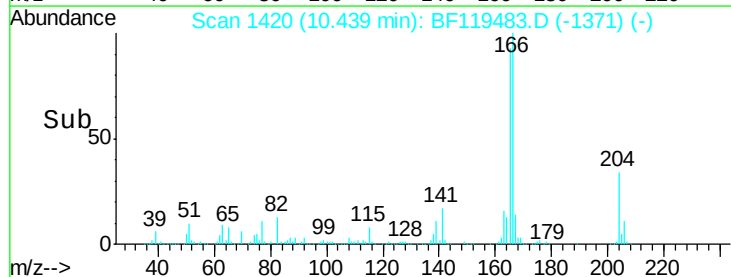
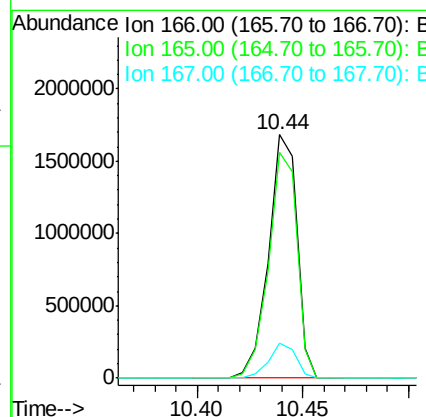
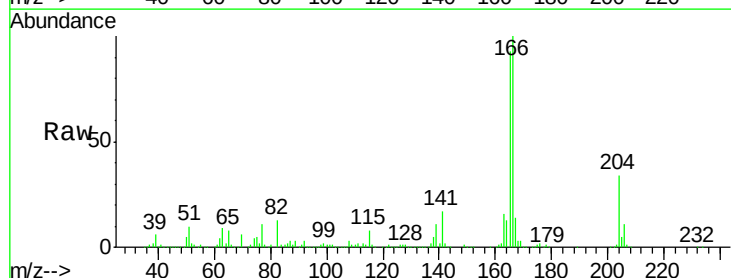
Manual Integrations
APPROVED

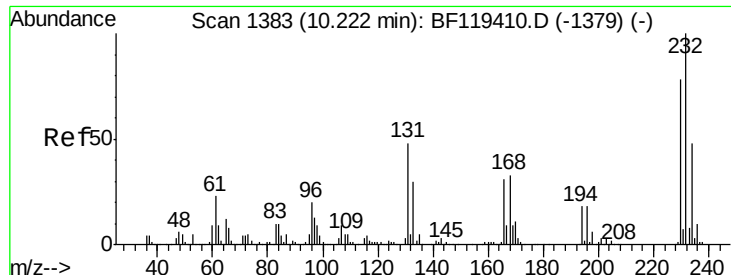
mohammad
3/25/2020 12:29:21 PM



#58
Fluorene
Concen: 42.401 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1577503		
165	92.7	73.1	109.7		
167	14.2	11.0	16.6		





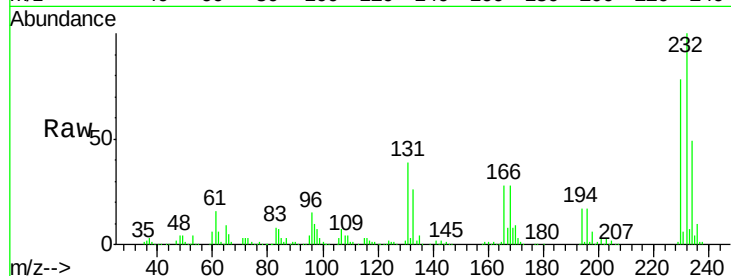
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.543 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

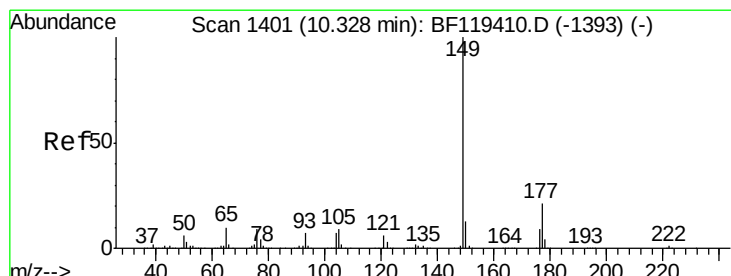
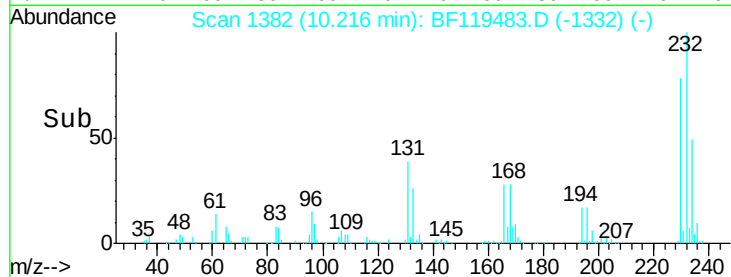
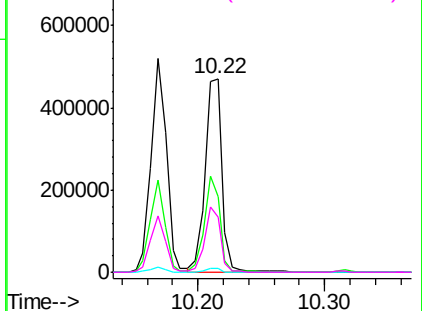
Tot Ion:	232	Resp:	439564
Ion Ratio	Lower	Upper	
232	100		
131	45.6	36.3	54.5
130	2.1	1.8	2.6
166	31.6	24.9	37.3

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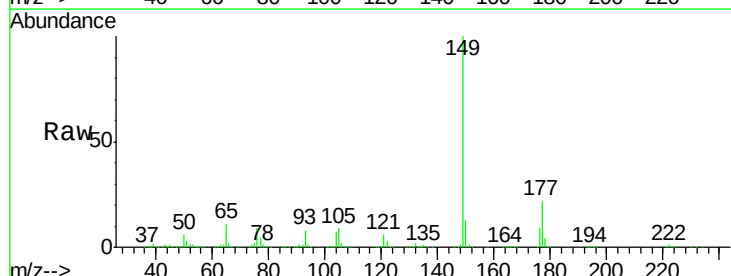


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

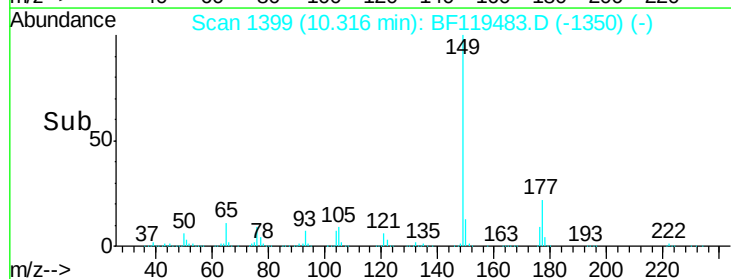
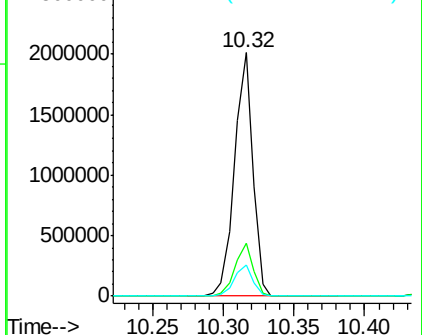


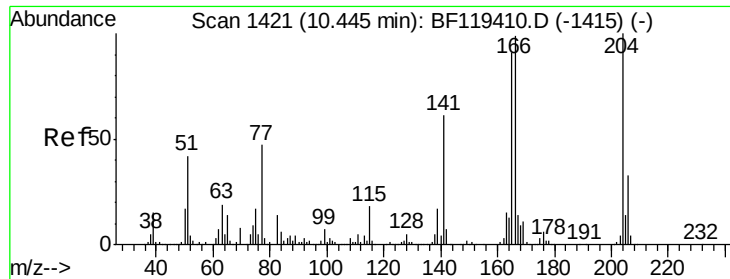
#60
Diethylphthalate
Concen: 44.786 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion:	149	Resp:	1814045
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.0	25.6
150	12.9	10.2	15.4



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





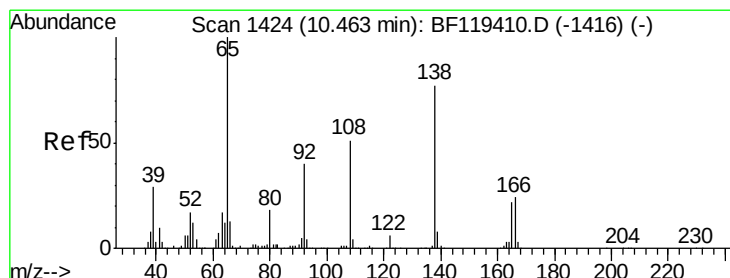
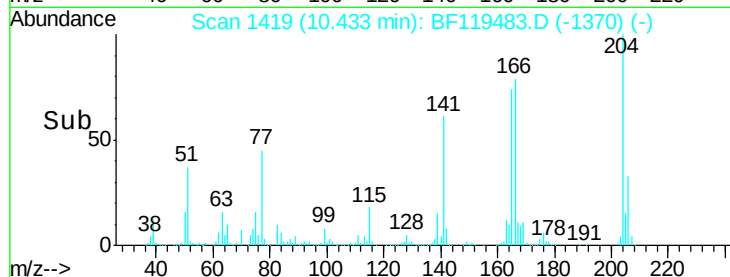
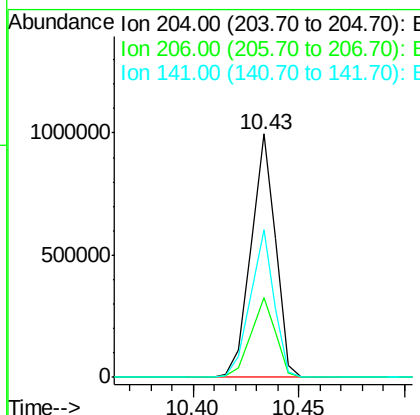
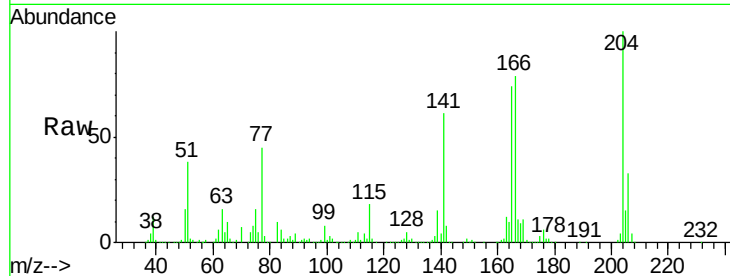
#61
 4-Chlorophenyl-phenylether
 Concen: 44.277 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	805564
Ion Ratio		Lower	Upper
204	100		
206	32.9	26.7	40.1
141	60.7	48.8	73.2

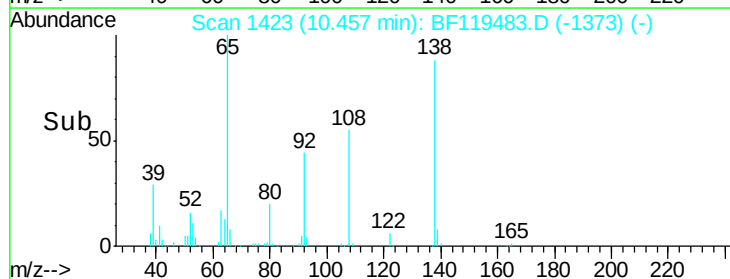
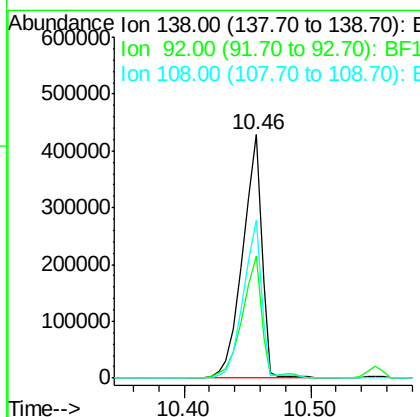
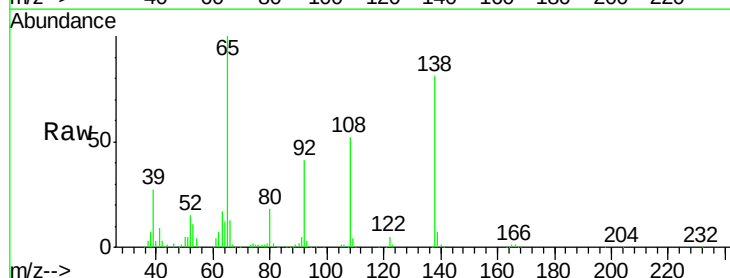
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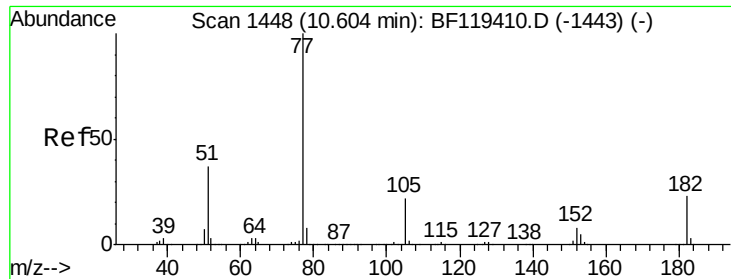
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#62
 4-Nitroaniline
 Concen: 43.290 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Tgt Ion:	138	Resp:	448307
Ion Ratio		Lower	Upper
138	100		
92	50.3	32.0	72.0
108	64.7	46.0	86.0





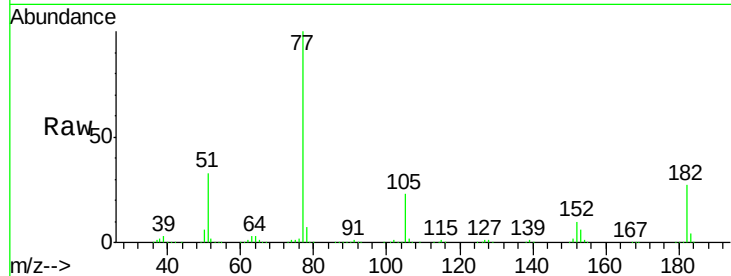
#63
Azobenzene
Concen: 42.107 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

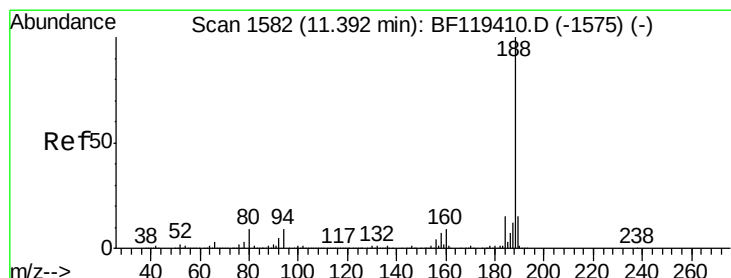
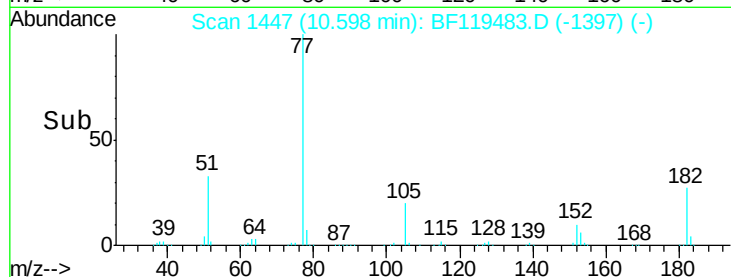
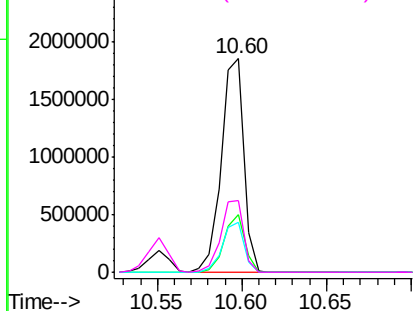
Tot Ion: 77 Resp: 1717499
Ion Ratio Lower Upper
77 100
182 27.0 2.5 42.5
105 23.1 2.5 42.5
51 33.5 17.1 57.1

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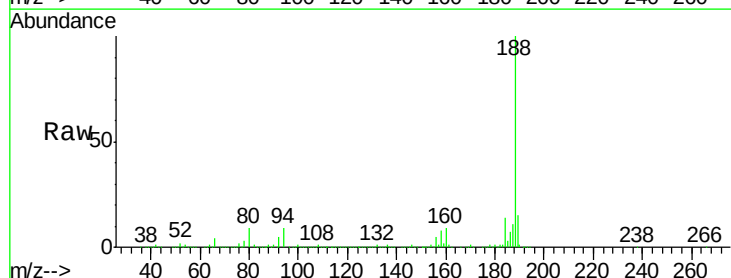


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

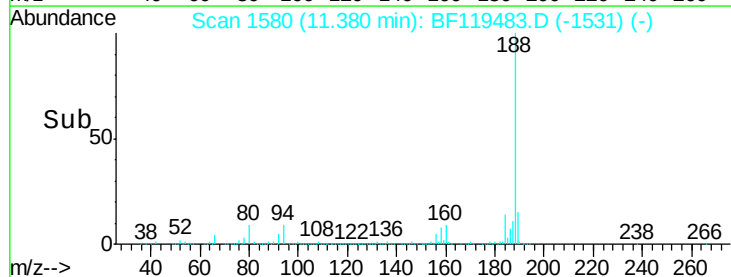
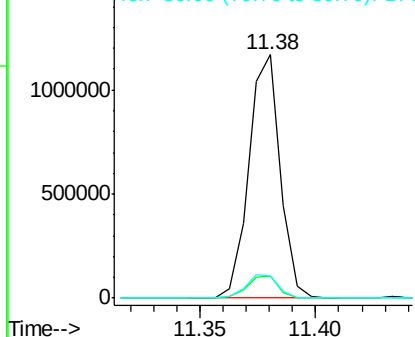


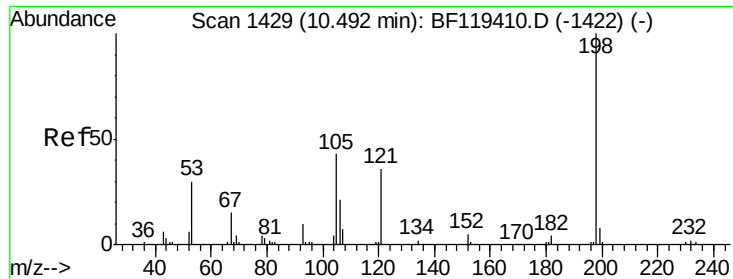
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion: 188 Resp: 1106603
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.1 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 49.102 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

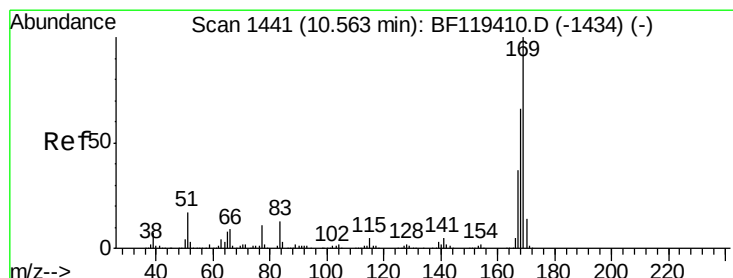
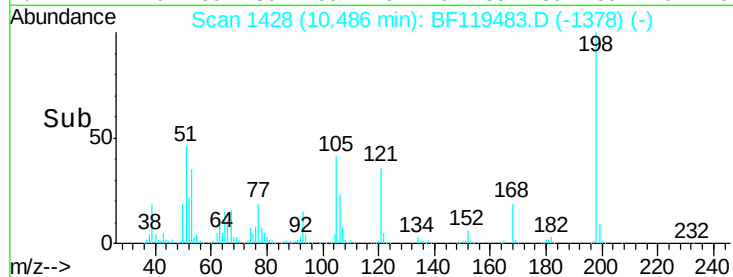
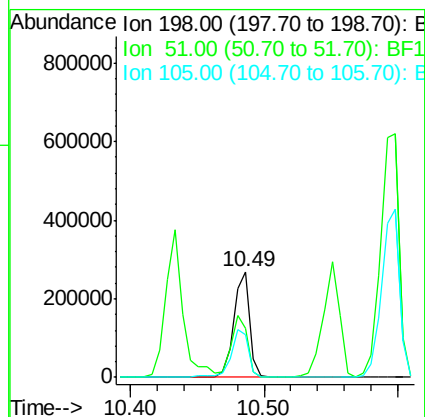
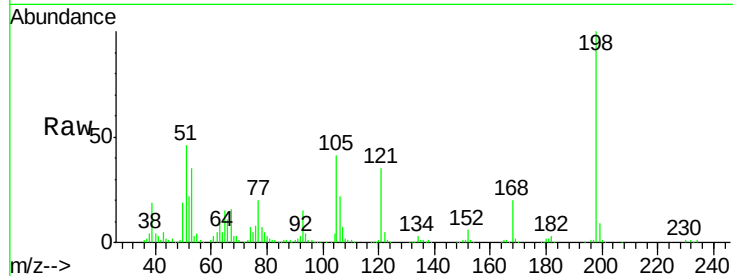
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	227849
Ion Ratio	Lower	Upper	
198	100		
51	46.3	33.1	73.1
105	40.9	24.1	64.1

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#66

n-Nitrosodiphenylamine

Concen: 40.713 ng

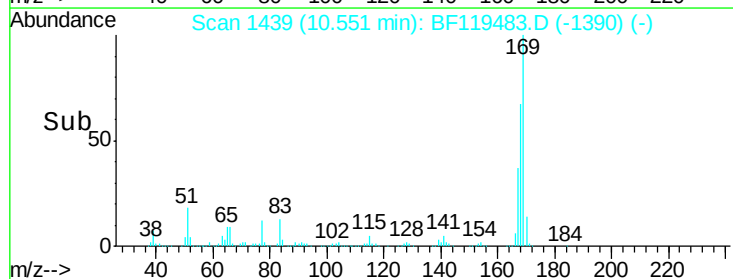
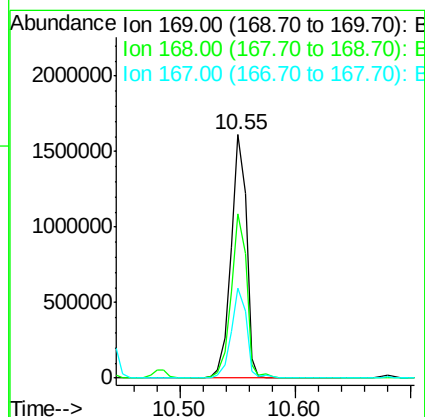
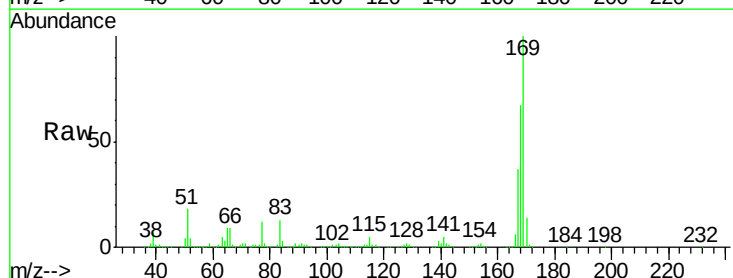
RT: 10.55 min Scan# 1439

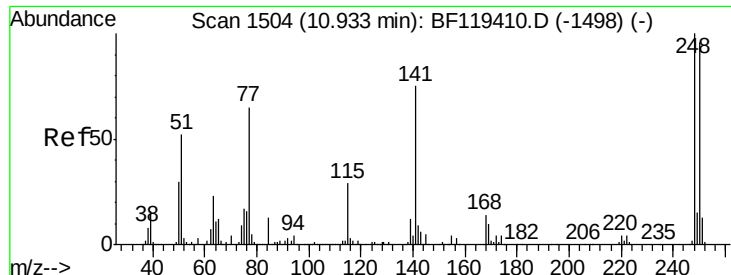
Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Tgt Ion:	169	Resp:	1479032
Ion Ratio	Lower	Upper	
169	100		
168	67.3	52.7	79.1
167	36.9	29.3	43.9





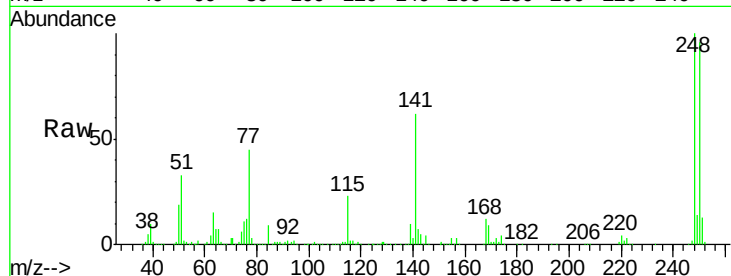
#67
4-Bromophenyl-phenylether
Concen: 43.385 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.0	115.6
141	61.6	59.7	89.5

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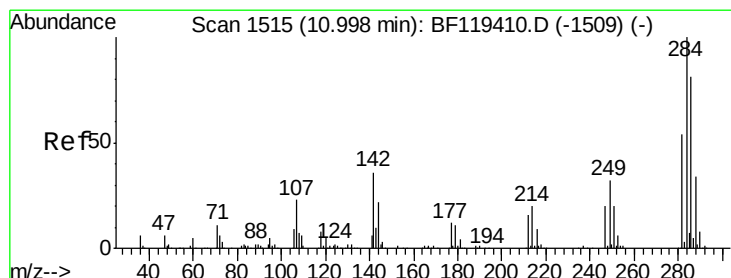
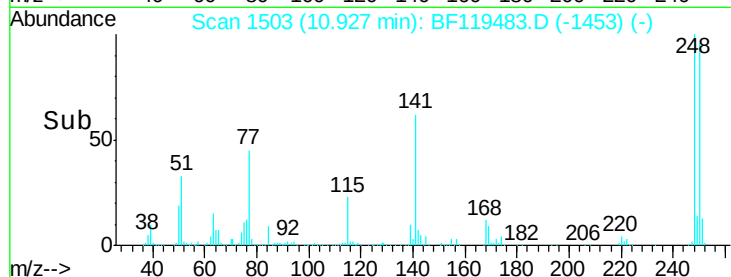
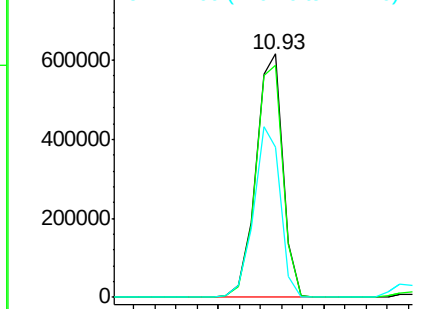


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.876 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

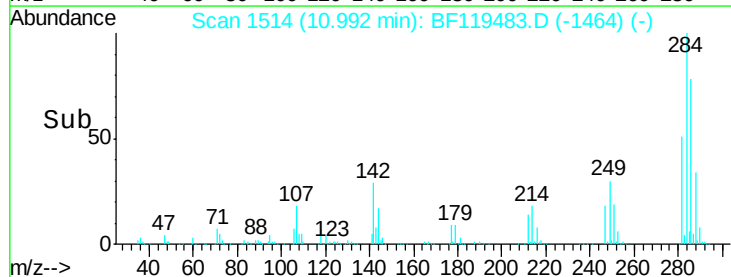
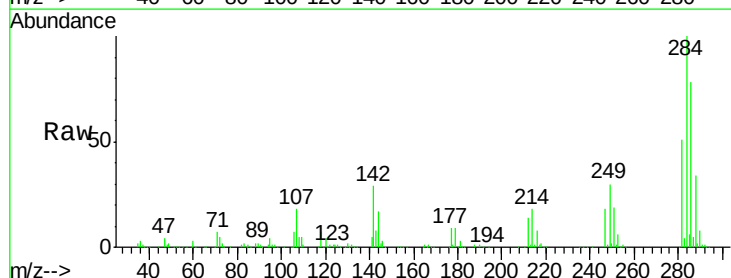
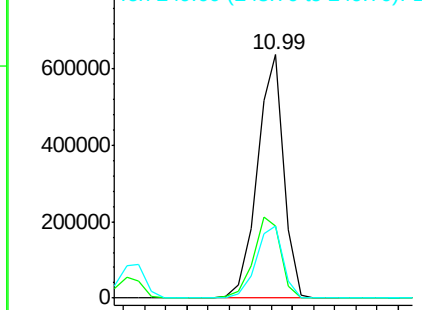
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	28.7	43.1
249	29.6	25.4	38.0

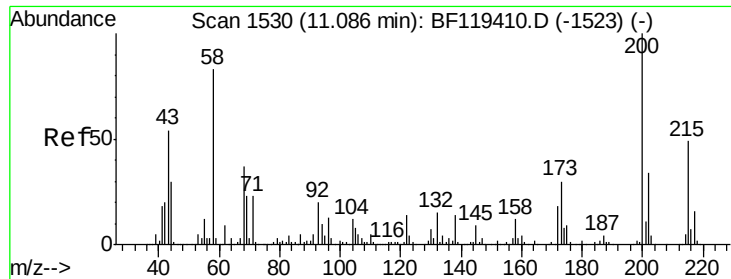
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





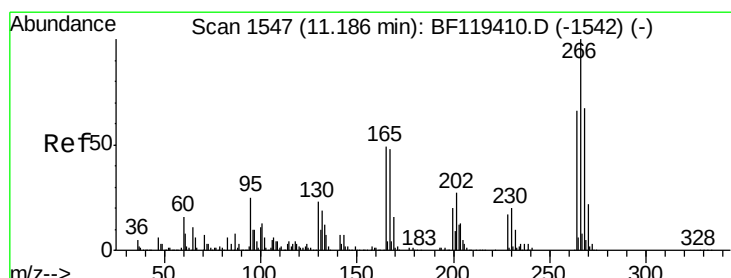
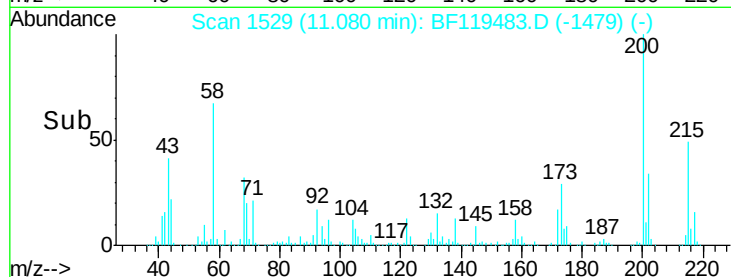
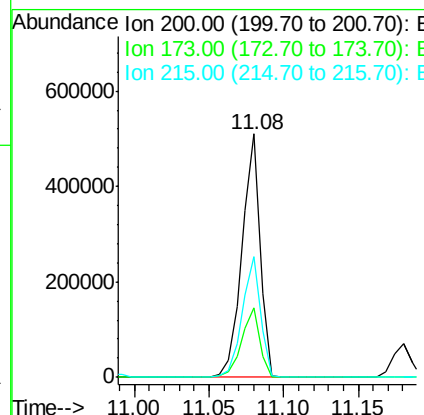
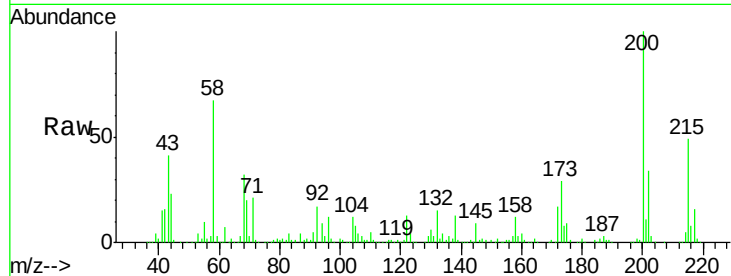
#69
Atrazine
Concen: 43.779 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	436013		
173	28.7	9.9	49.9	
215	49.5	29.4	69.4	

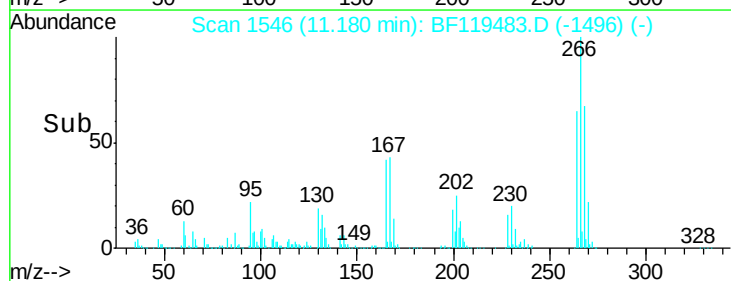
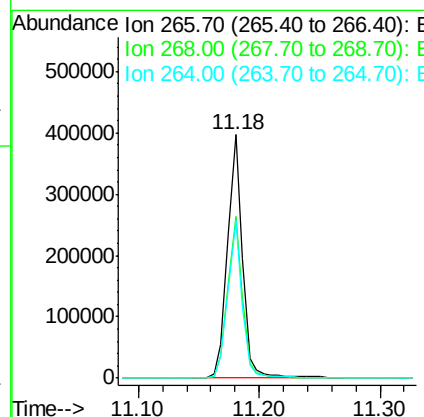
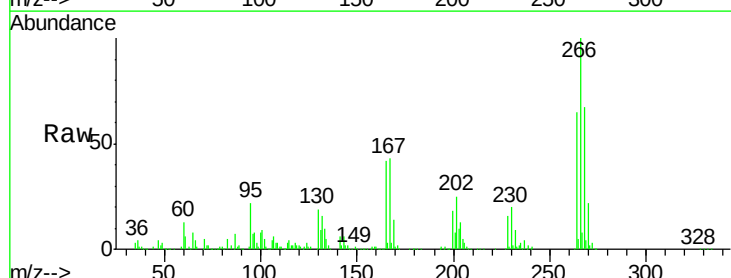
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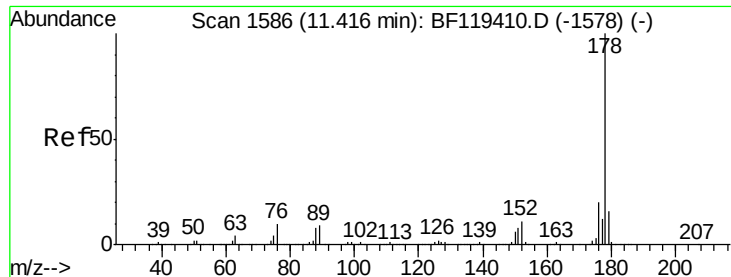
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#70
Pentachlorophenol
Concen: 45.206 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	341899		
268	66.6	53.7	80.5	
264	64.9	52.5	78.7	





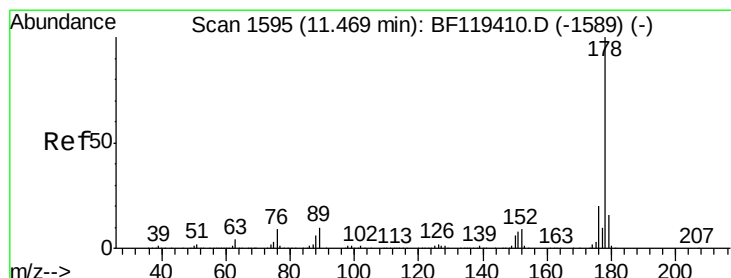
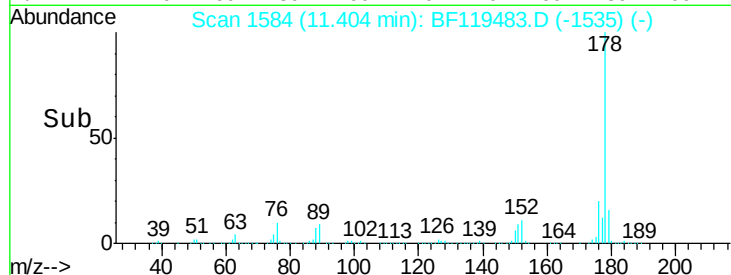
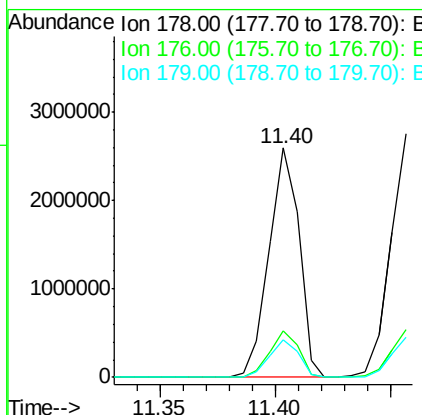
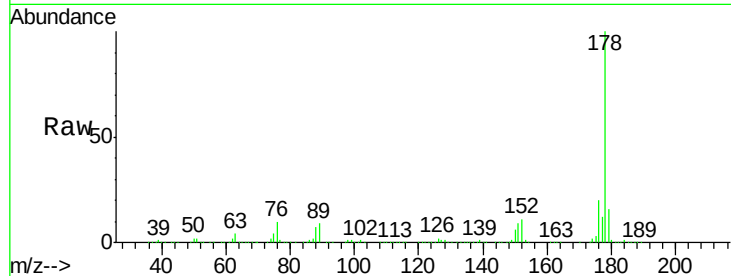
#71
Phenanthrene
Concen: 41.193 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.3	12.9	19.3

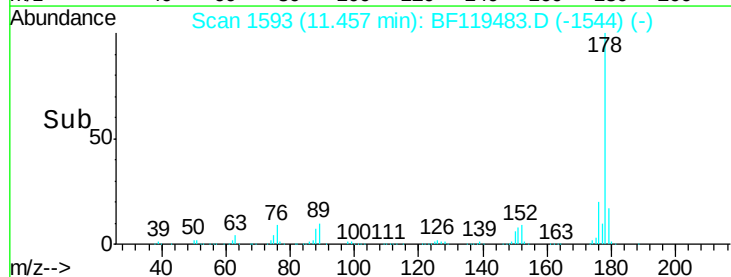
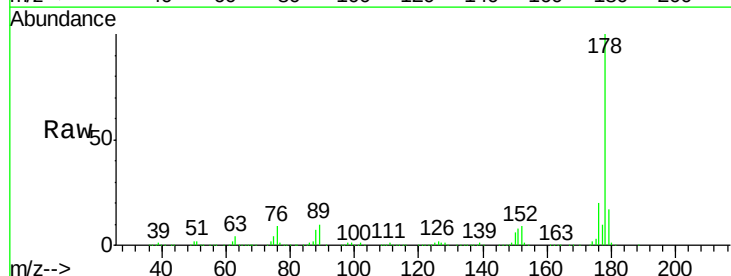
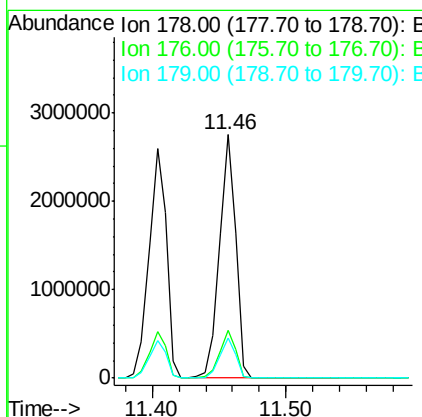
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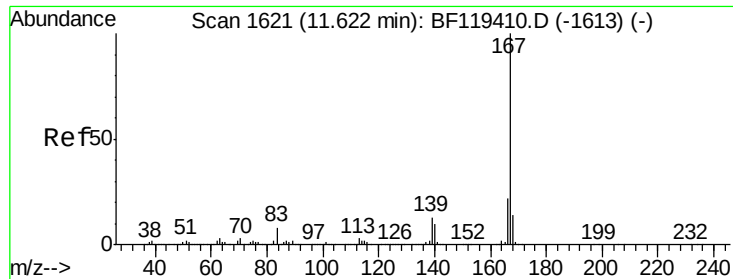
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#72
Anthracene
Concen: 40.978 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.7	13.1	19.7





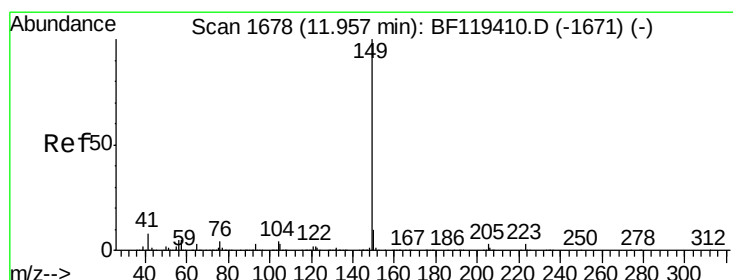
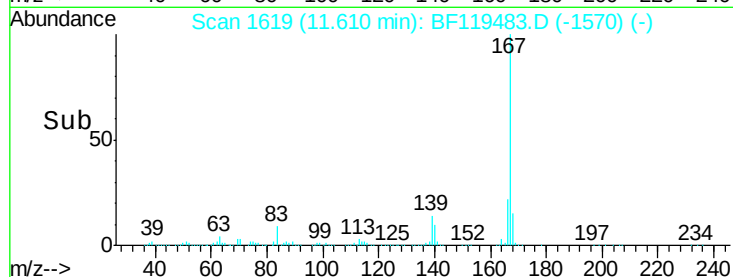
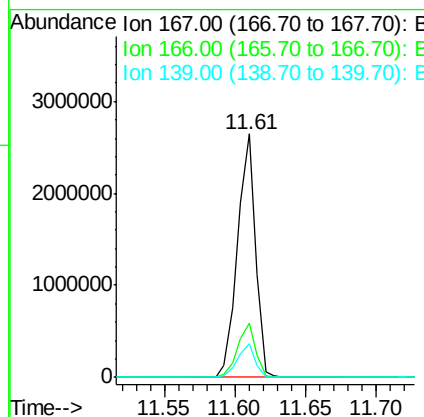
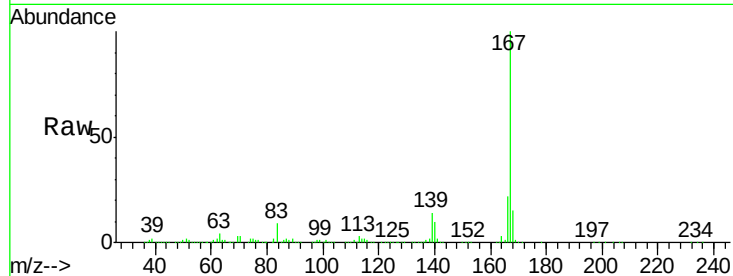
#73
 Carbazole
 Concen: 40.689 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 2348729
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.8 10.2 15.4

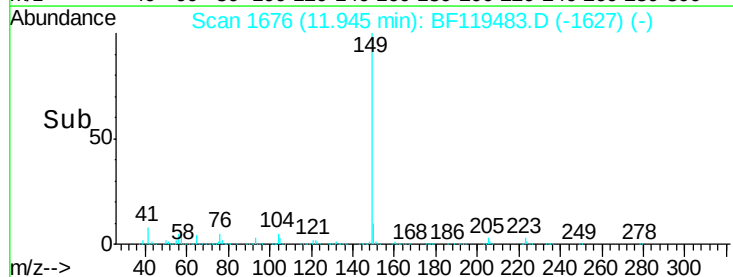
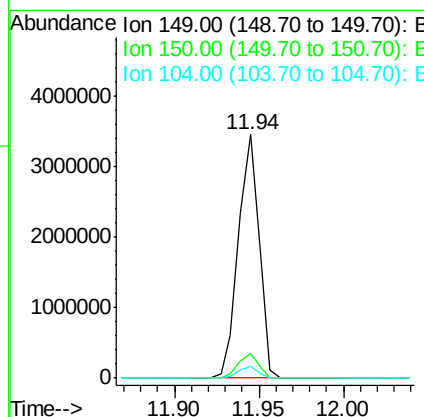
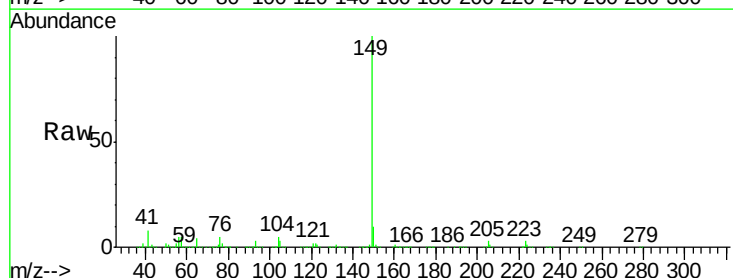
Manual Integrations
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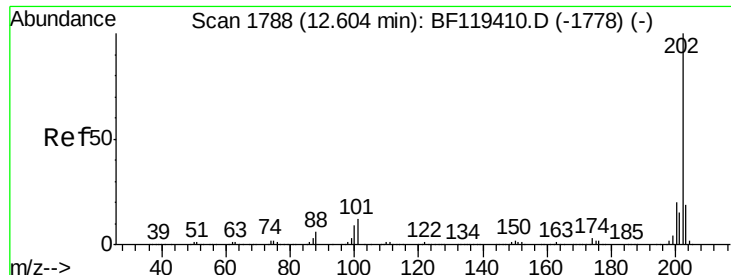
mohammad
 3/25/2020 12:29:21 PM



#74
 Di-n-butylphthalate
 Concen: 47.458 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Tgt Ion:149 Resp: 2930461
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.6 11.4
 104 4.8 3.5 5.3





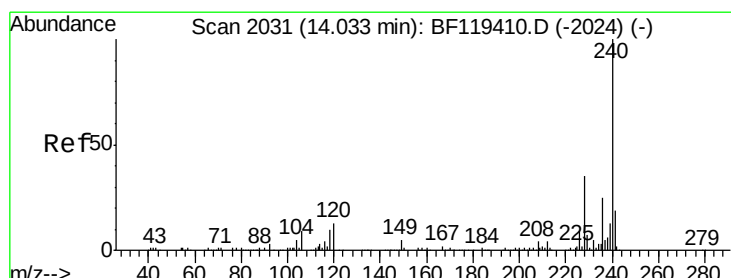
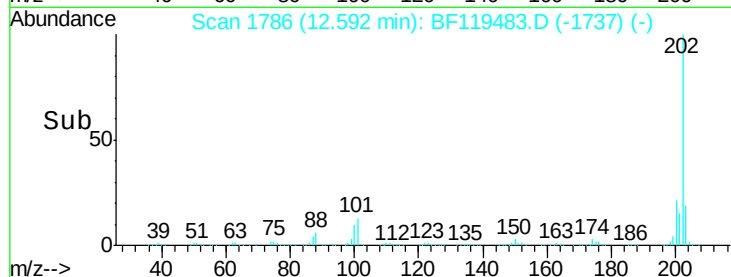
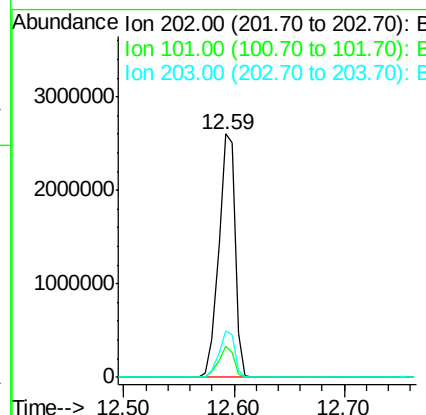
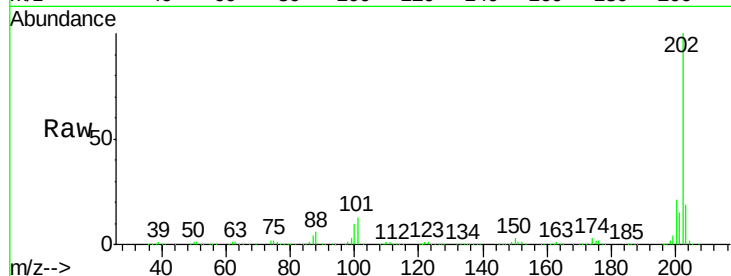
#75
Fluoranthene
Concen: 42.563 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.4
203	18.8	0.0	38.5

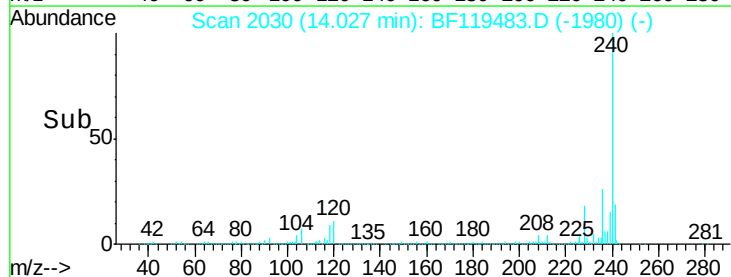
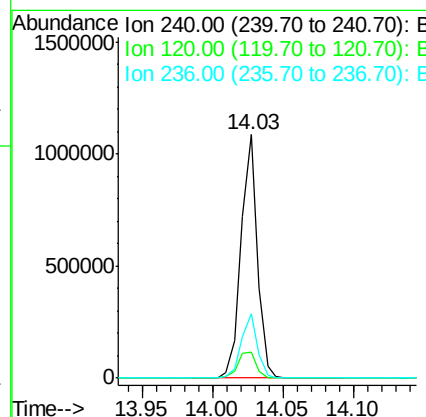
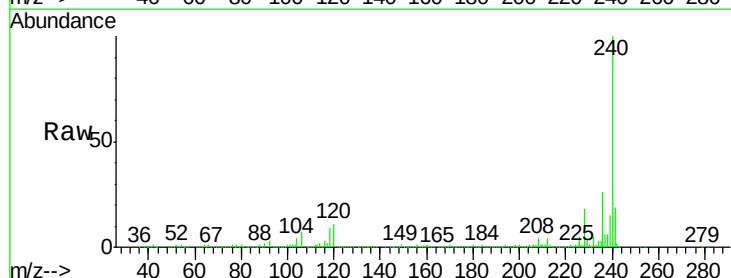
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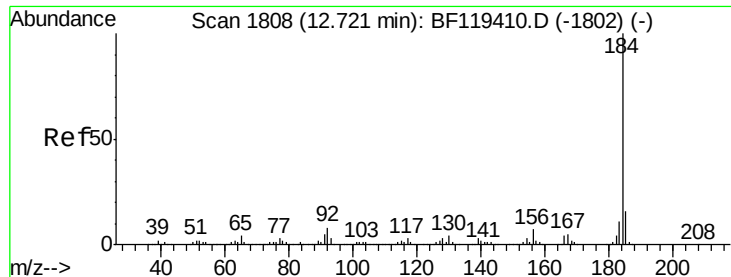
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.2	15.4
236	26.5	20.4	30.6





#77

Benzidine

Concen: 36.029 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1333560

Ion Ratio Lower Upper

184 100

185 16.2 12.9 19.3

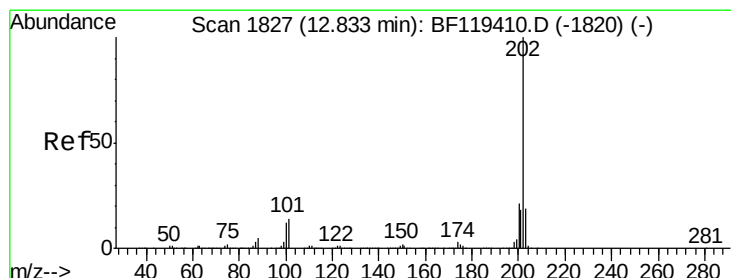
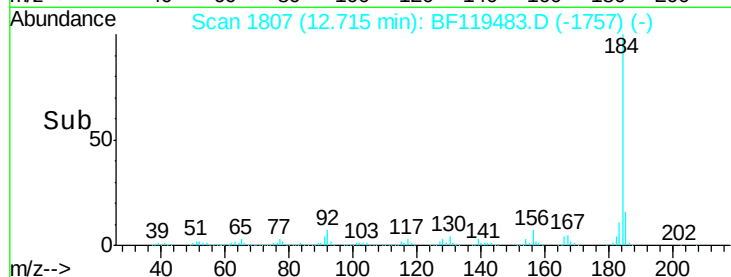
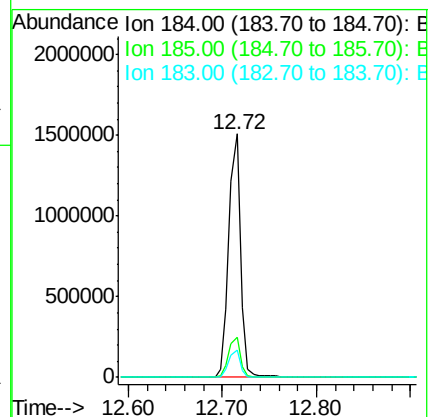
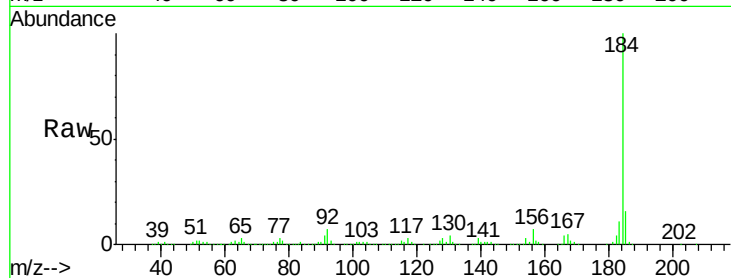
183 11.2 9.0 13.4

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#78

Pyrene

Concen: 37.867 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

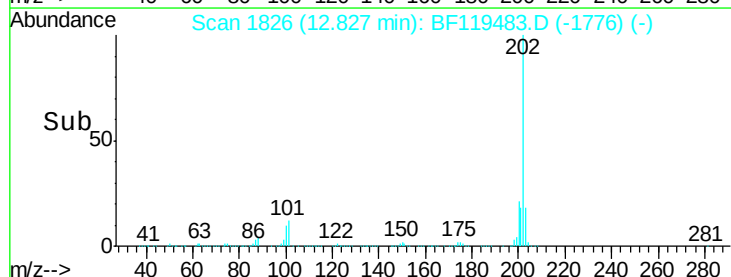
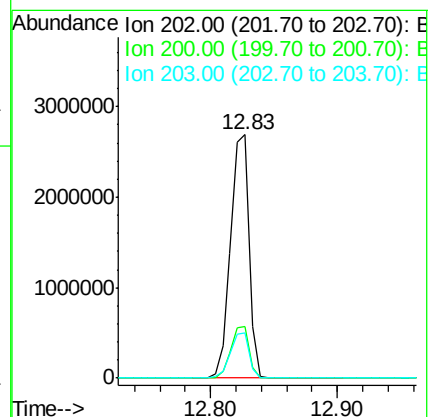
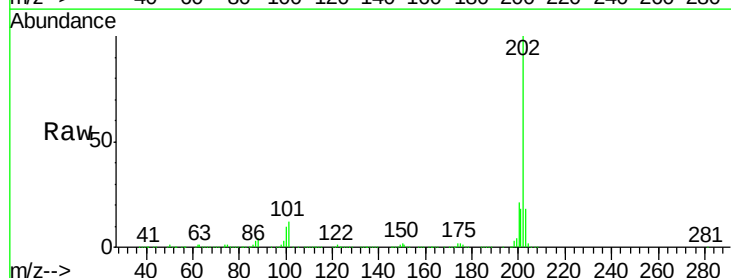
Tgt Ion:202 Resp: 2718054

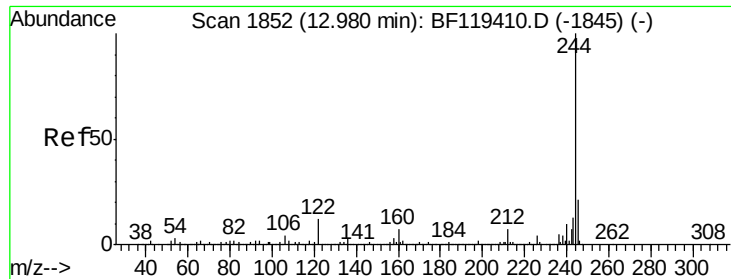
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 18.5 14.8 22.2





#79
 Terphenyl-d14
 Concen: 79.988 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

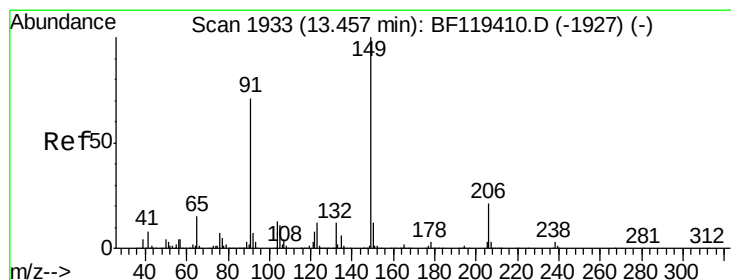
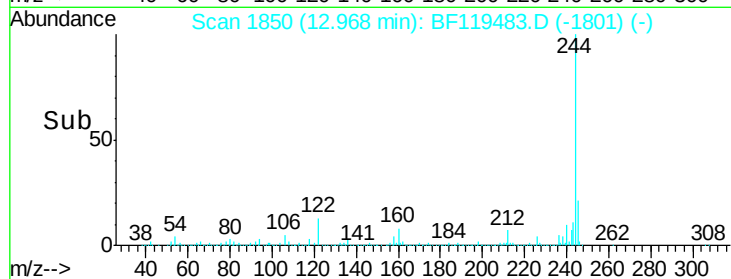
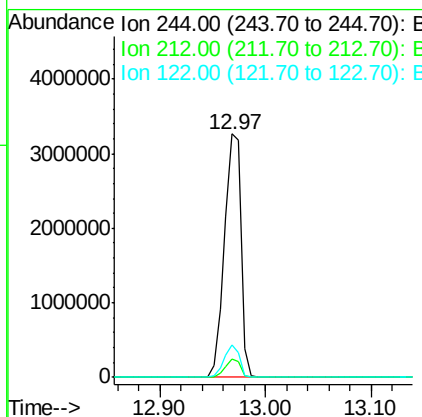
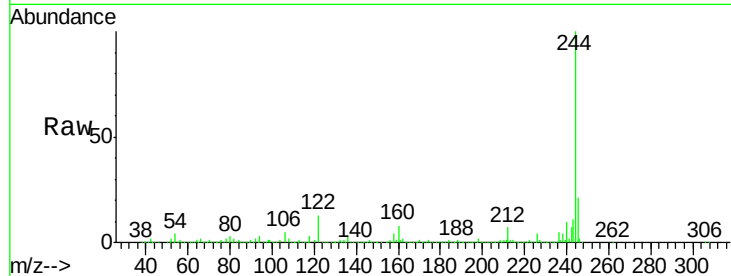
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 3570739

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	13.5	9.8	14.8

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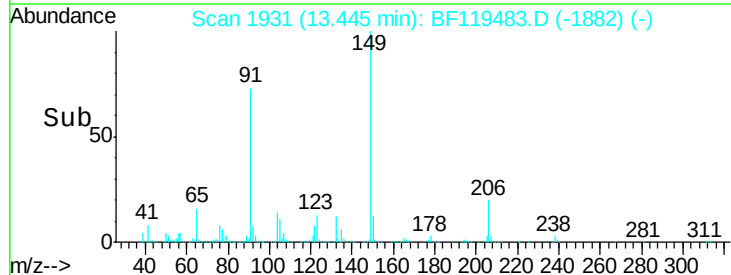
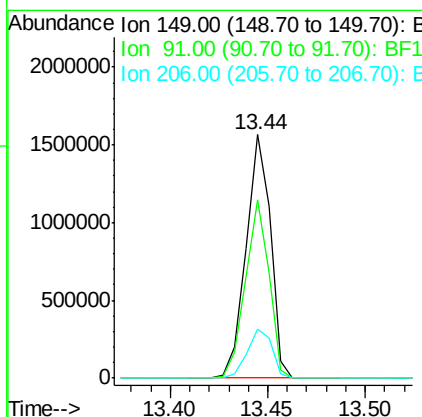
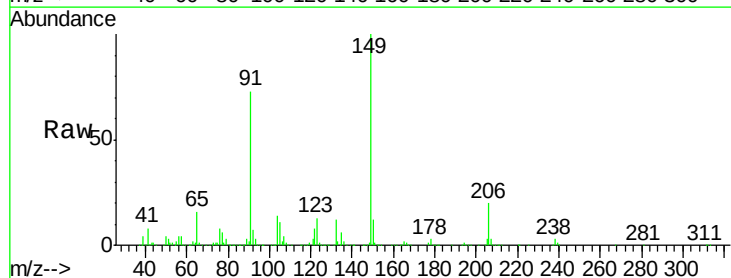
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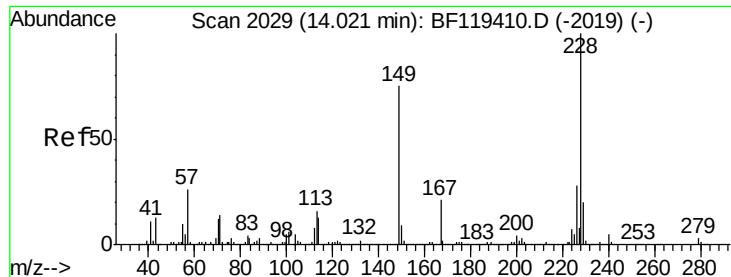


#80
 Butylbenzylphthalate
 Concen: 46.594 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Tgt Ion:149 Resp: 1352683

Ion	Ratio	Lower	Upper
149	100		
91	73.0	57.0	85.6
206	20.3	16.4	24.6





#81

Benzo(a)anthracene

Concen: 39.649 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2255012

Ion Ratio Lower Upper

228 100

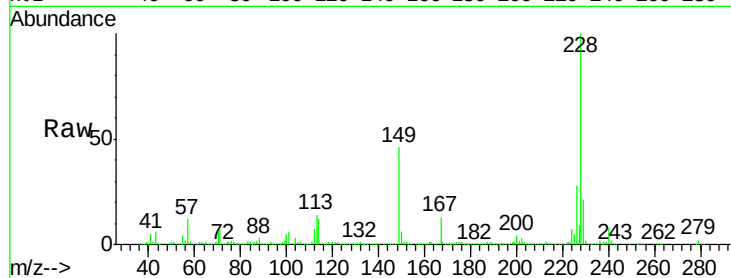
226 28.4 22.3 33.5

229 20.8 16.3 24.5

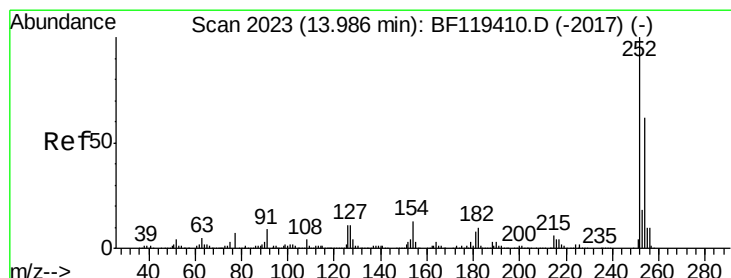
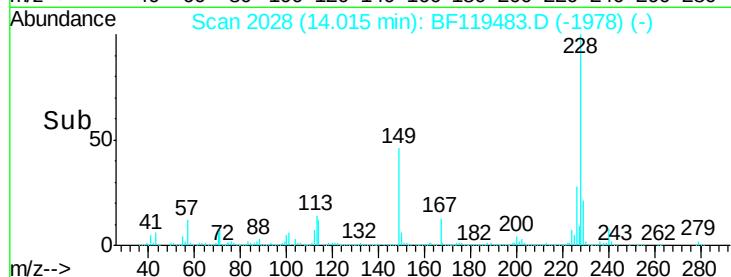
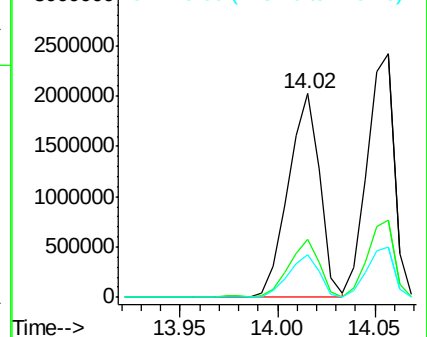
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.695 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

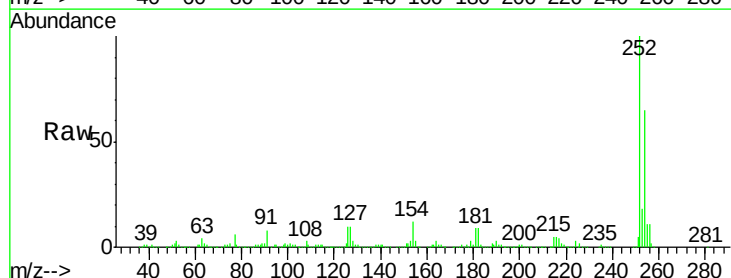
Tgt Ion:252 Resp: 979864

Ion Ratio Lower Upper

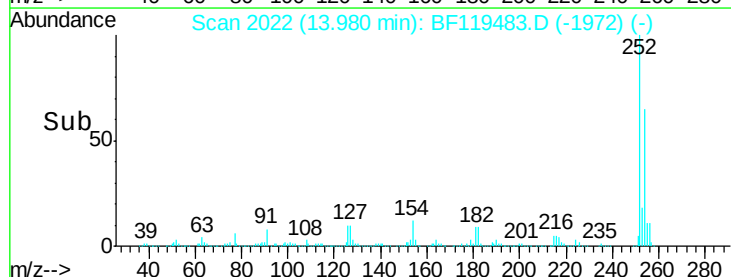
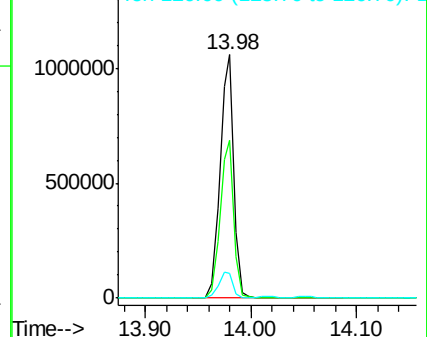
252 100

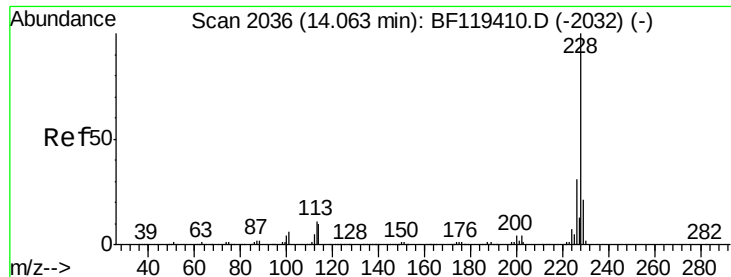
254 65.1 49.8 74.8

126 10.4 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





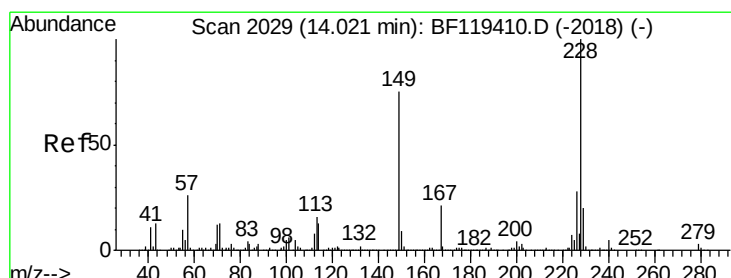
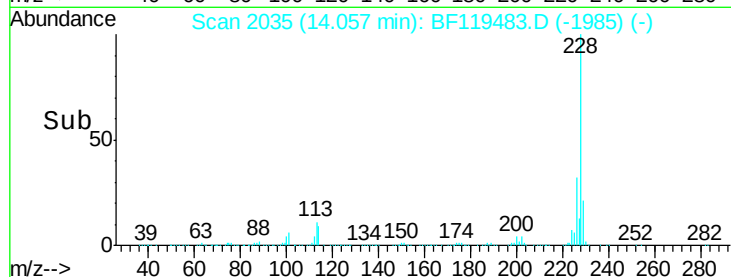
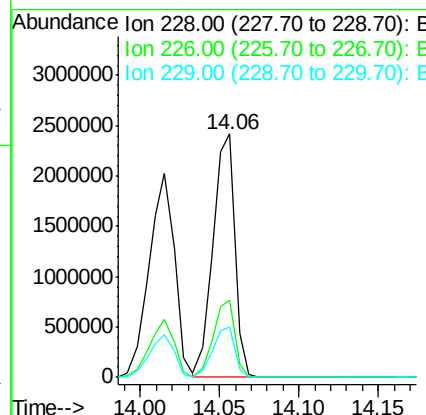
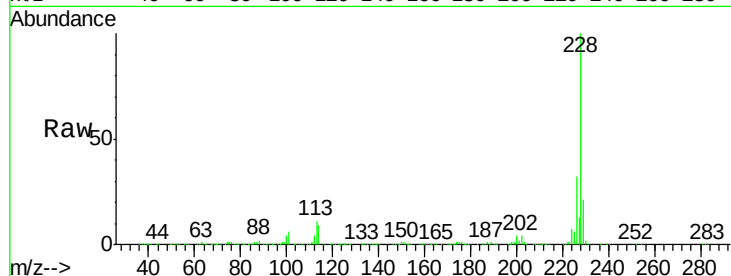
#83
Chrysene
Concen: 39.829 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2337850
Ion Ratio Lower Upper
228 100
226 31.9 24.8 37.2
229 20.6 16.6 25.0

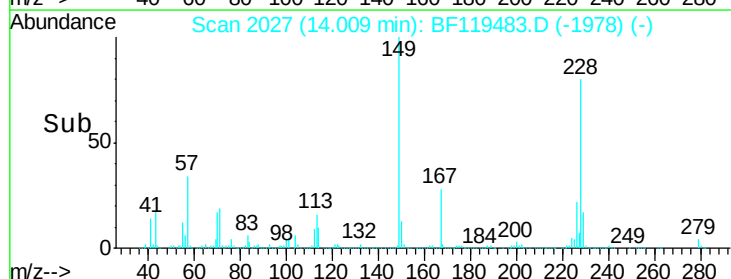
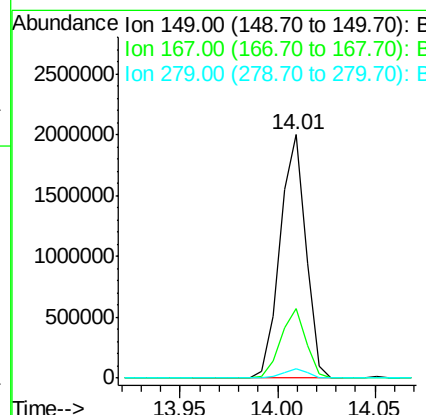
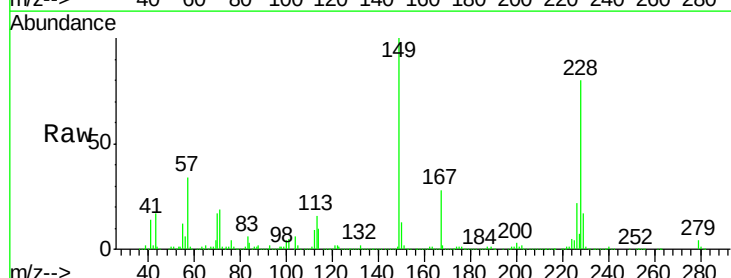
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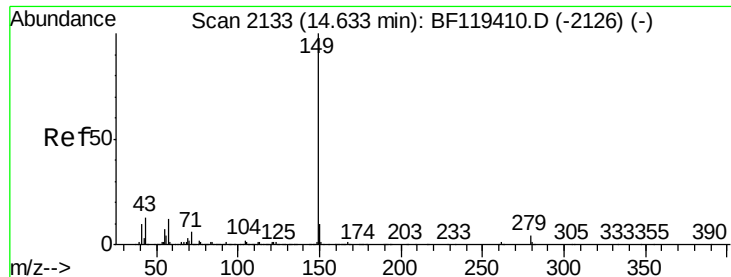
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.709 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion:149 Resp: 1824136
Ion Ratio Lower Upper
149 100
167 28.4 22.0 33.0
279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 54.600 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 3323231

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

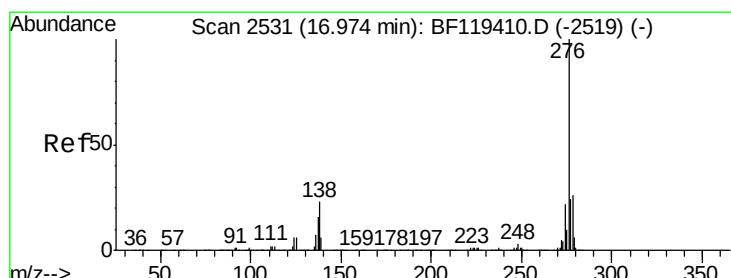
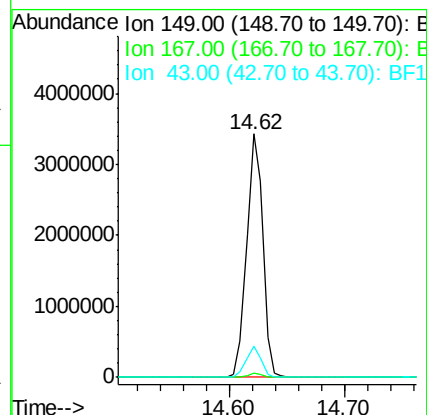
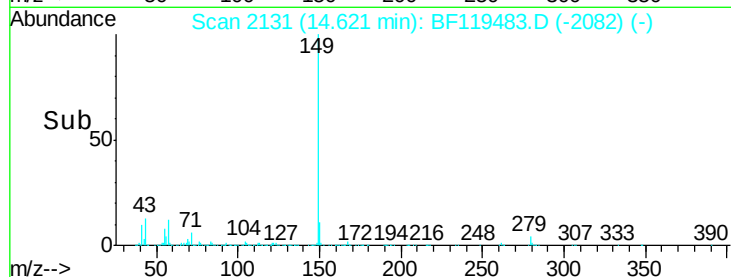
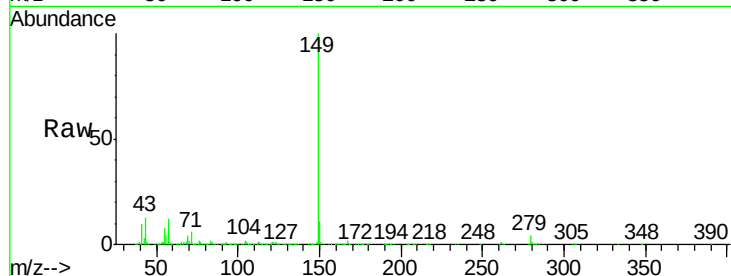
43 11.9 10.1 15.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 43.651 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

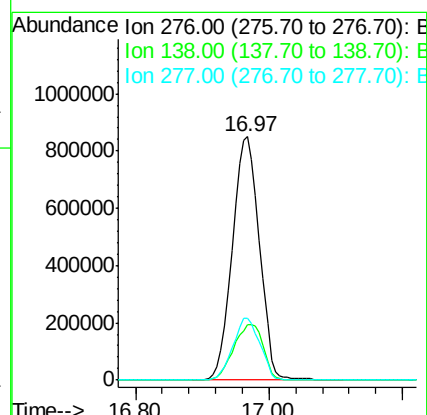
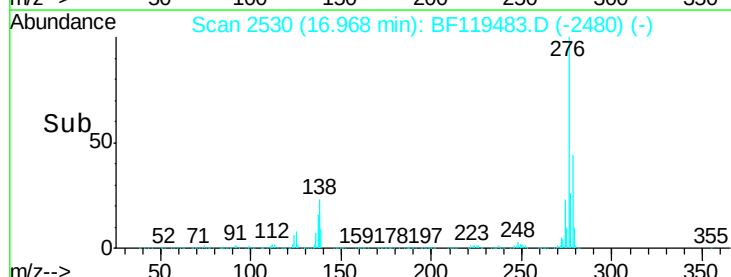
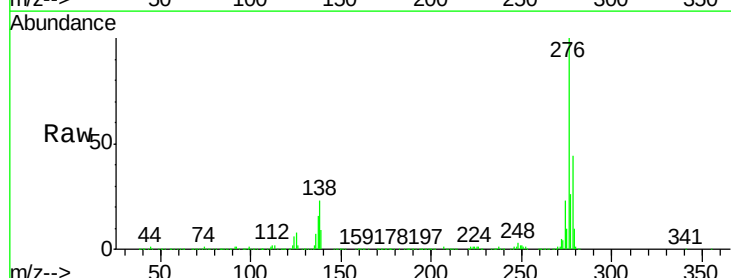
Tgt Ion:276 Resp: 2413109

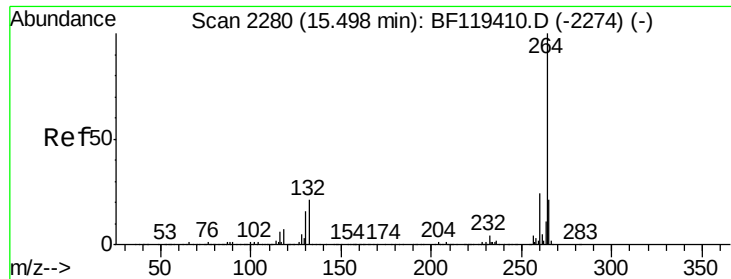
Ion Ratio Lower Upper

276 100

138 24.8 21.3 31.9

277 25.5 20.2 30.2





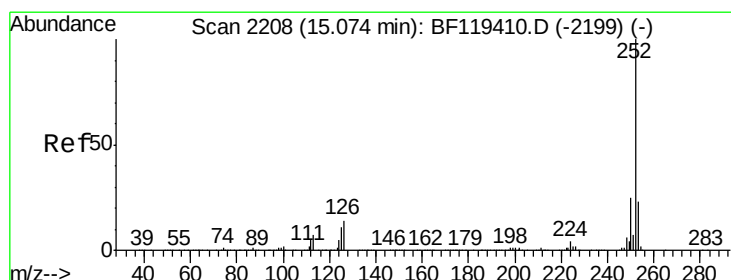
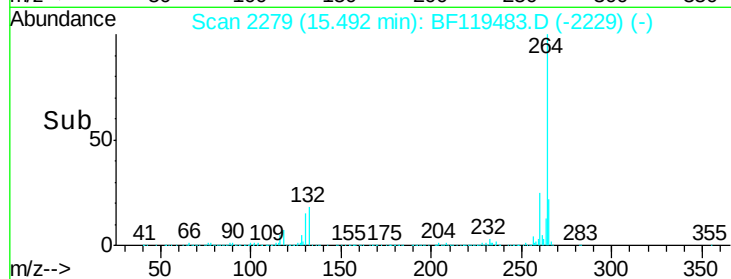
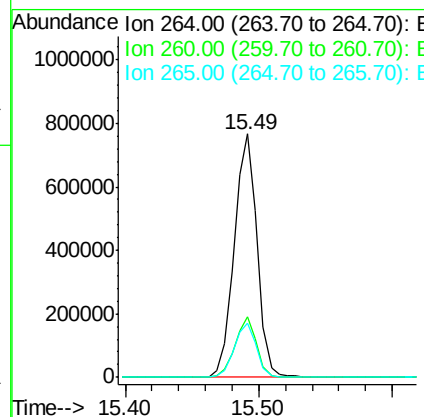
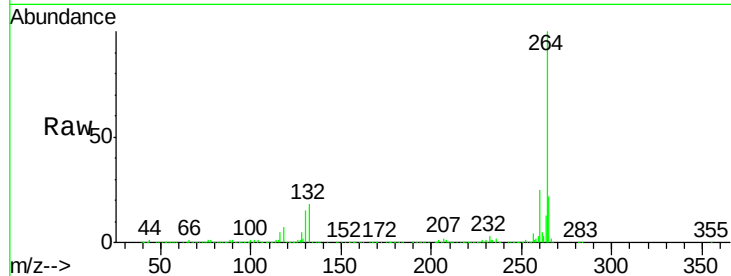
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.1	16.9	25.3

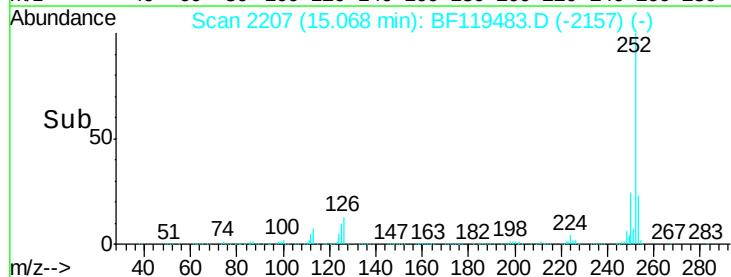
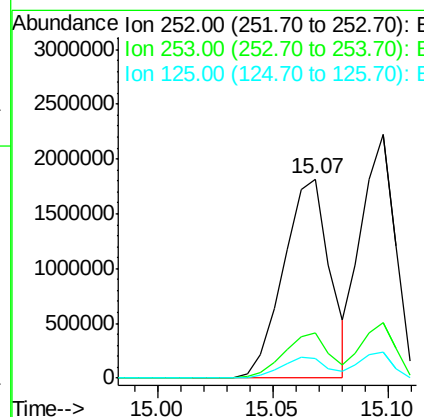
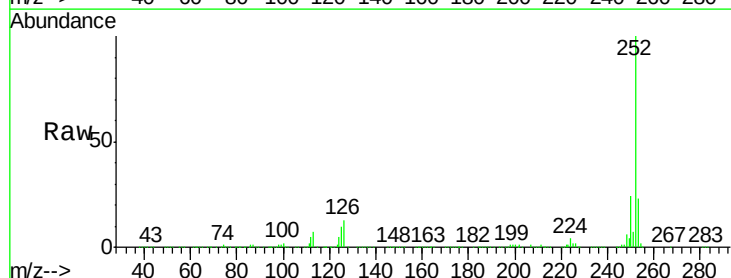
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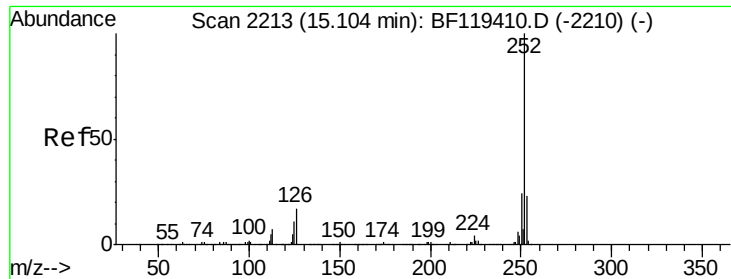
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.278 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	9.9	8.8	13.2





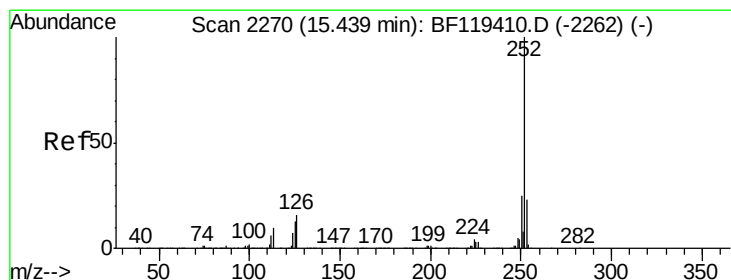
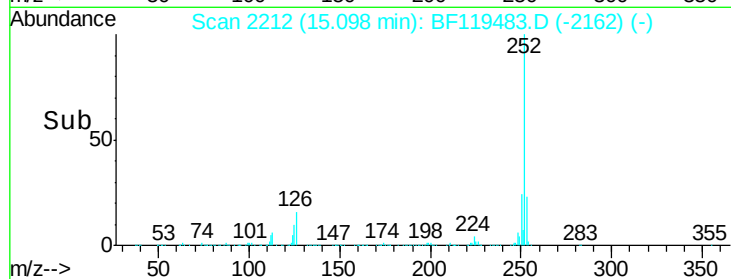
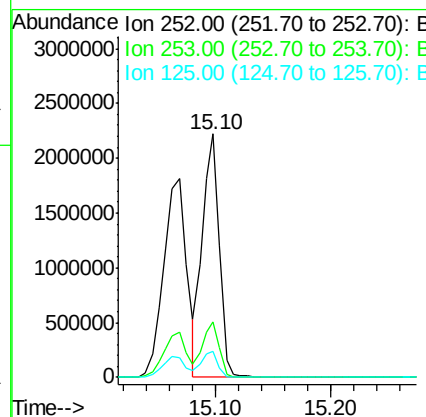
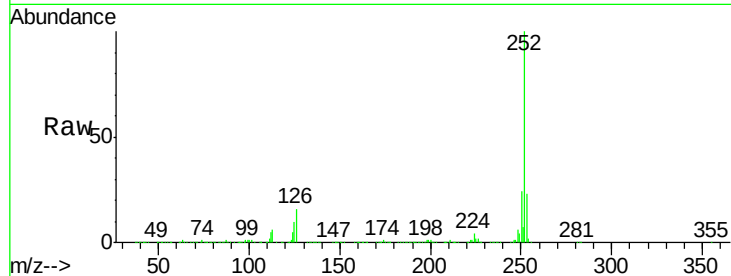
#89
Benzo(k)fluoranthene
Concen: 39.376 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	10.4	9.0	13.4

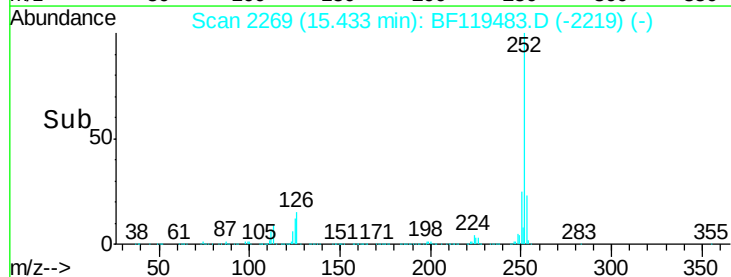
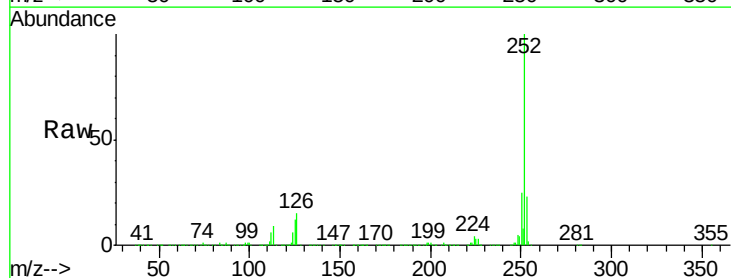
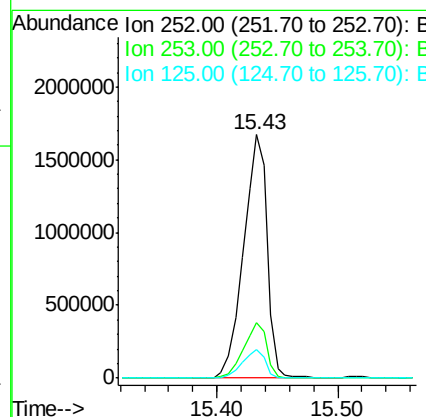
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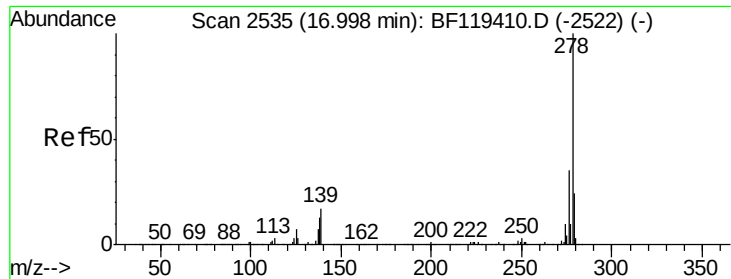
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#90
Benzo(a)pyrene
Concen: 40.785 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.7	10.2	15.2





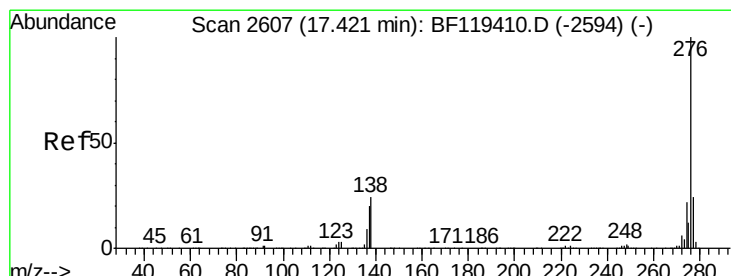
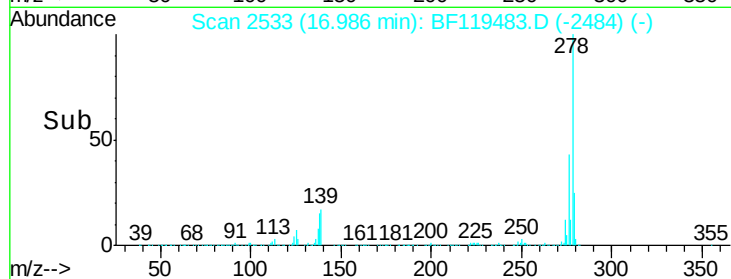
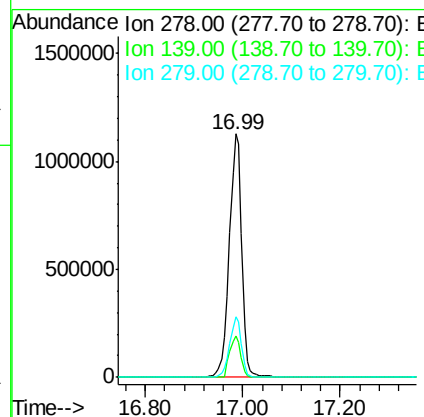
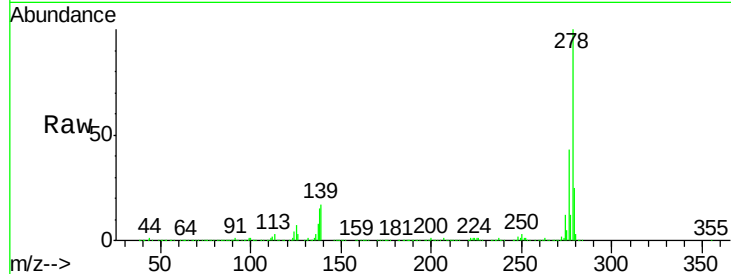
#91
Dibenzo(a,h)anthracene
Concen: 41.073 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.7	20.5
279	25.1	19.2	28.8

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#92
Benzo(g,h,i)perylene
Concen: 38.745 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.7	19.1	28.7

