

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

Quant Time: Mar 24 11:22:51 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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	1075305	43.031	ng	95
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	7.09	107	716489	33.138	ng	78
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

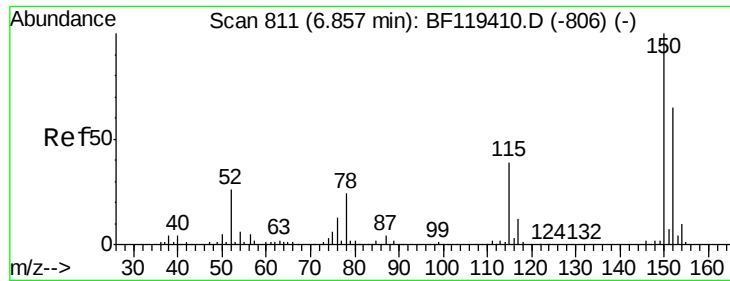
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	405794	43.343	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	502098	42.605	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	564428	42.753	ng	95
46) 1,1'-Biphenyl	9.32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

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



#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

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BNA_F

ClientSampleId :

SSTDCCC040

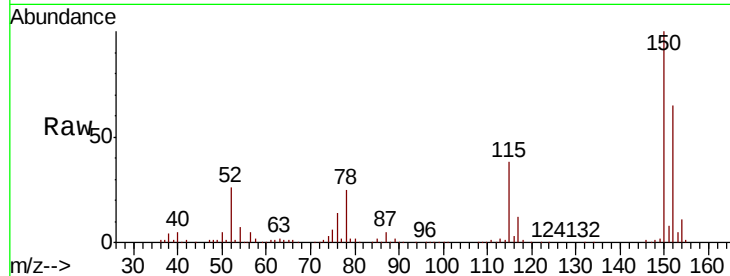
Tot Ion:152 Resp: 291850

Ion Ratio Lower Upper

152 100

150 154.4 123.9 185.9

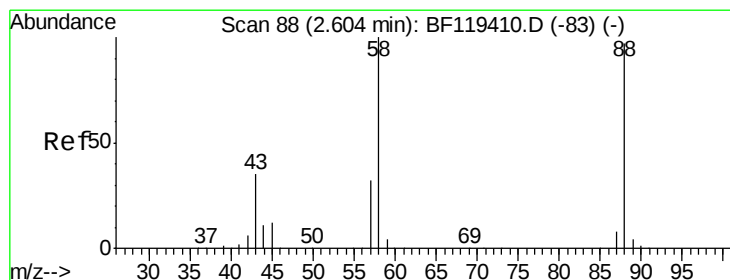
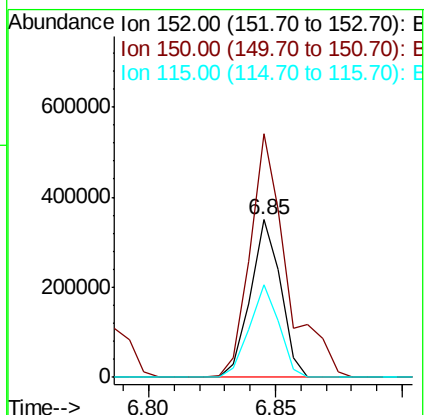
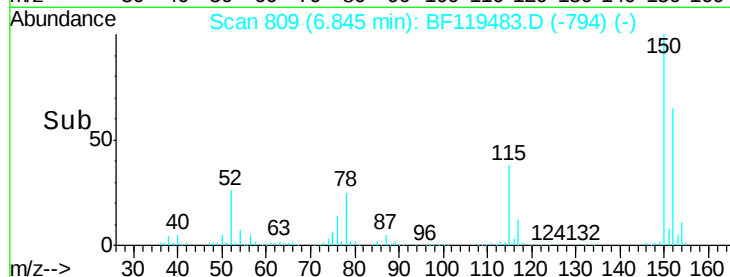
115 59.0 47.8 71.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 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

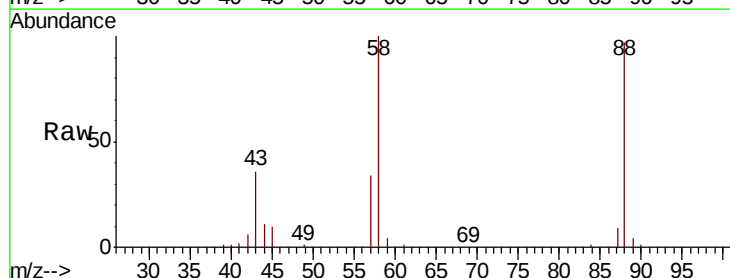
Tgt Ion: 88 Resp: 335747

Ion Ratio Lower Upper

88 100

58 100.8 79.4 119.2

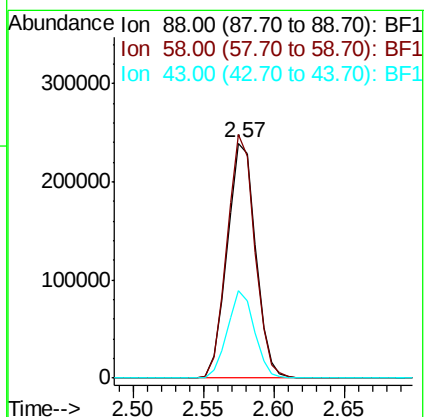
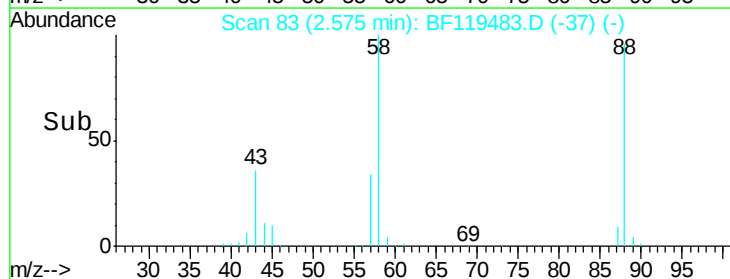
43 35.3 28.4 42.6

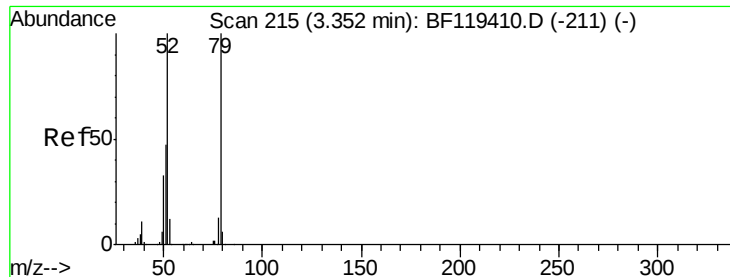


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

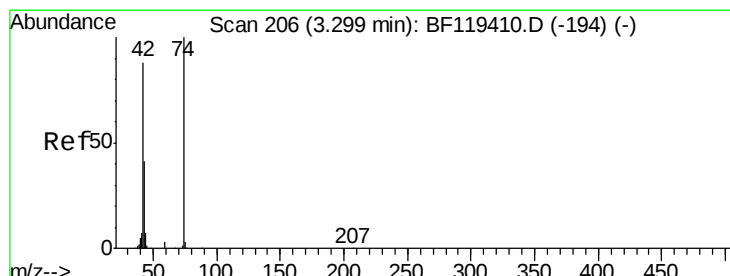
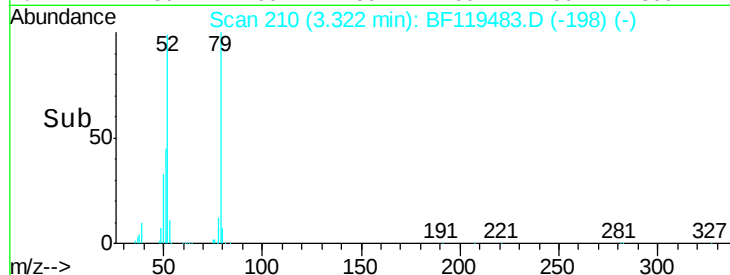
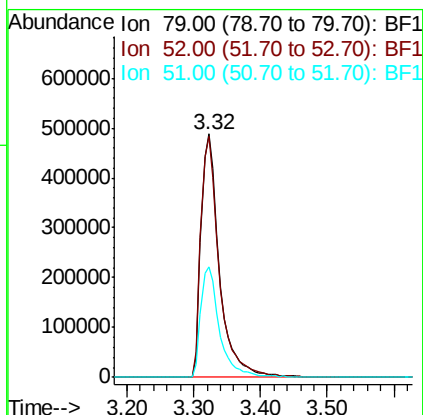
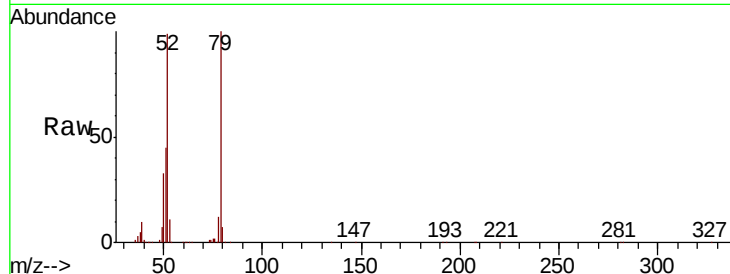




#3
 Pvridine
 Concen: 36.809 ng
 RT: 3.32 min Scan# 210
 Delta R.T. -0.03 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

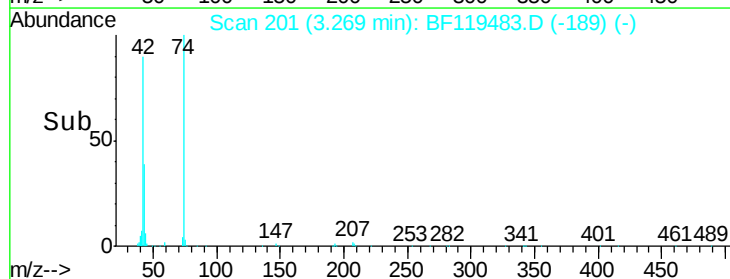
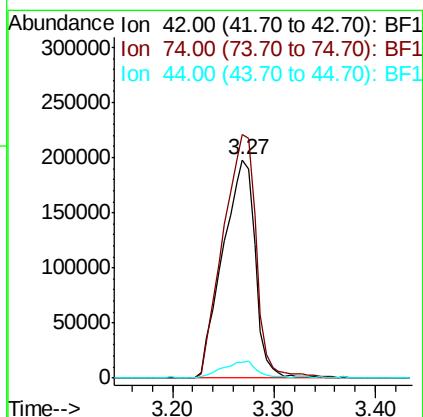
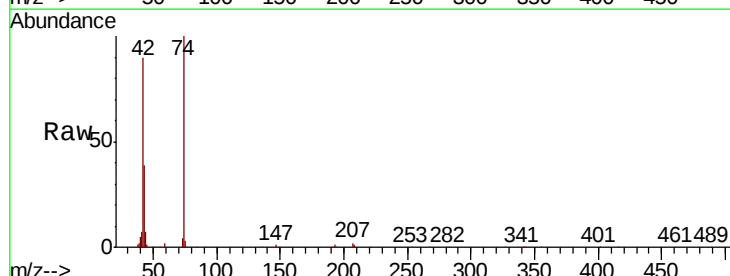
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

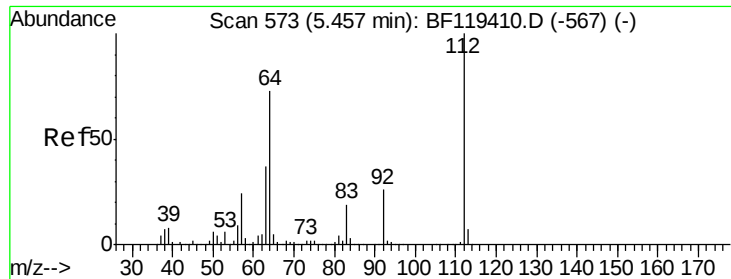
Tot Ion: 79 Resp: 918201
 Ion Ratio Lower Upper
 79 100
 52 98.9 80.0 120.0
 51 45.3 37.9 56.9



#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

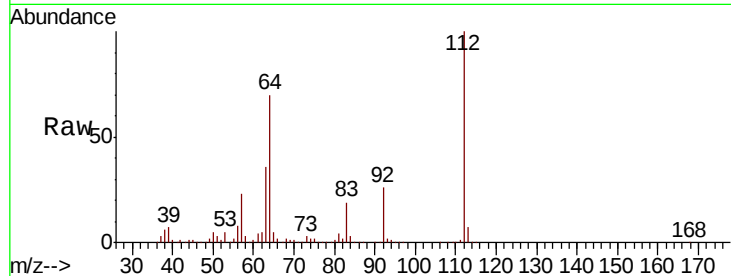
Tot Ion:112 Resp: 1450338

Ion Ratio Lower Upper

112 100

64 69.9 58.1 87.1

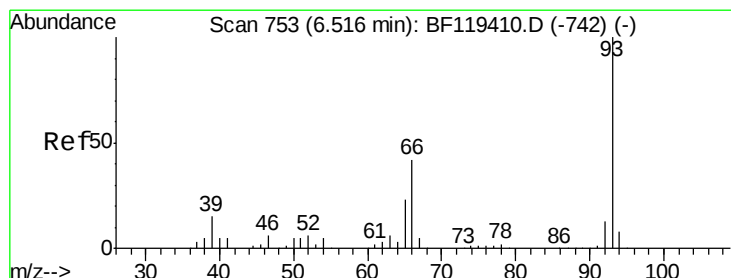
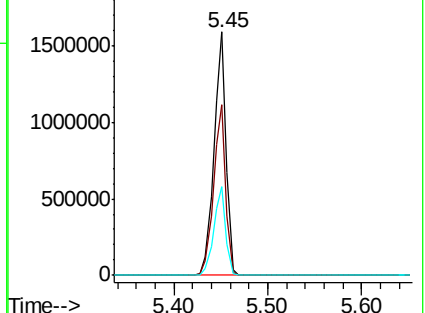
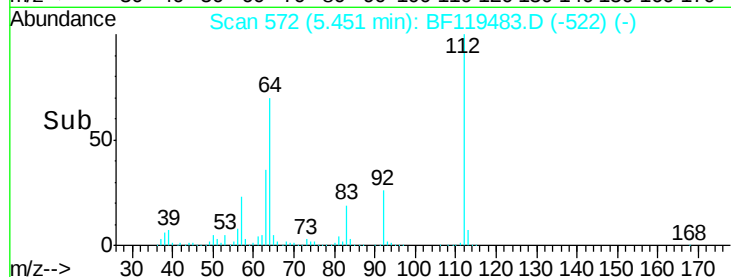
63 36.3 29.7 44.5



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

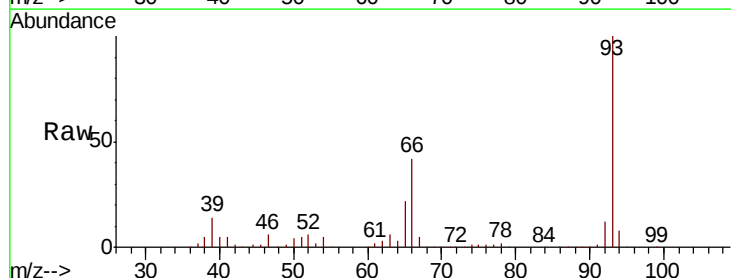
Tgt Ion: 93 Resp: 1279090

Ion Ratio Lower Upper

93 100

66 41.5 34.2 51.4

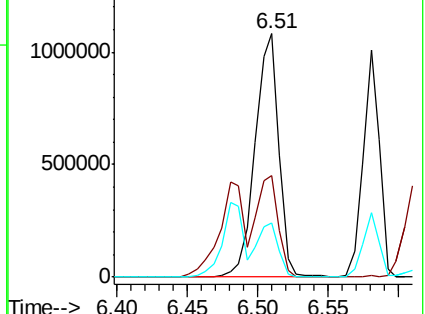
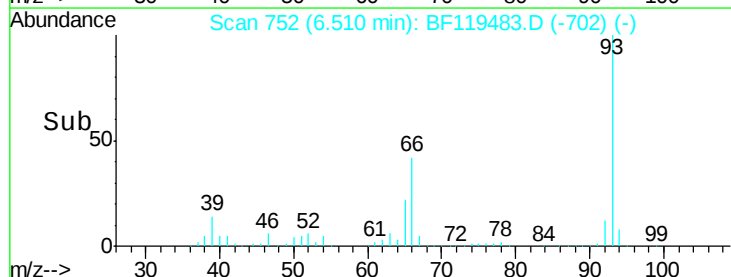
65 22.3 18.2 27.4

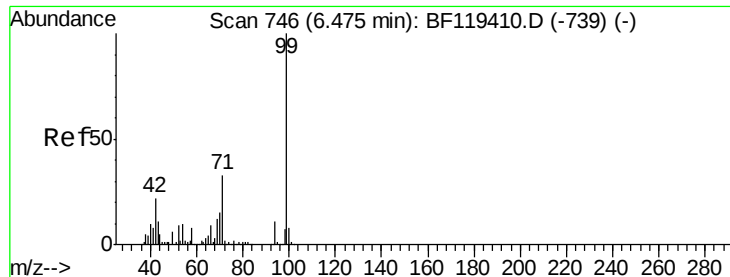


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

Instrument :

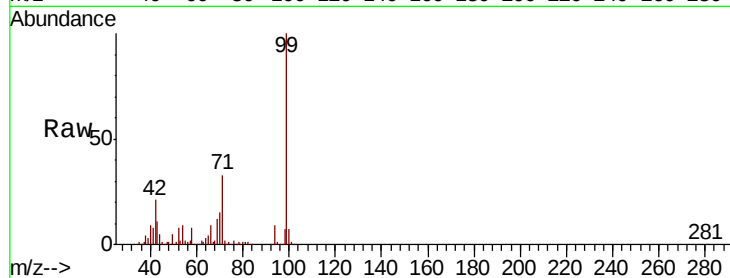
BNA_F

ClientSampleId :

SSTDCCC040

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

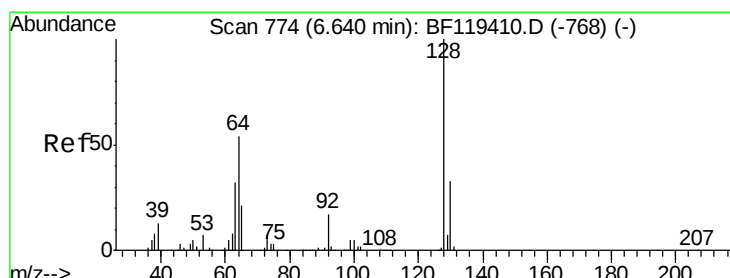
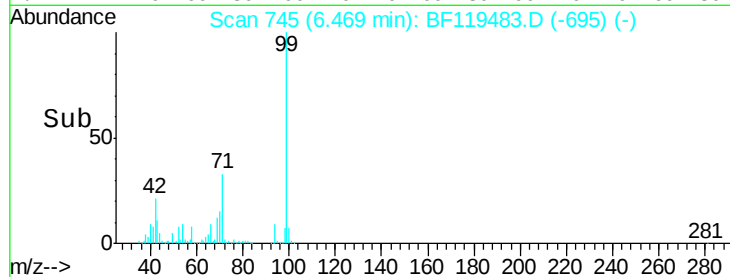


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.791 ng

RT: 6.63 min Scan# 772

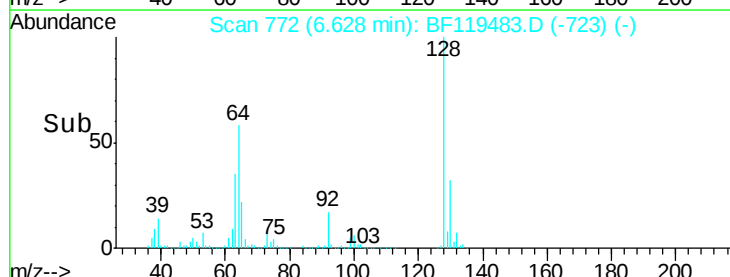
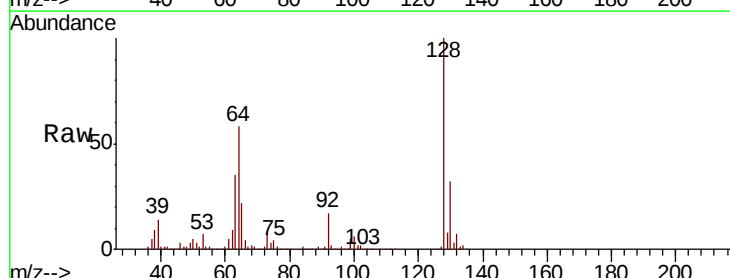
Delta R.T. -0.01 min

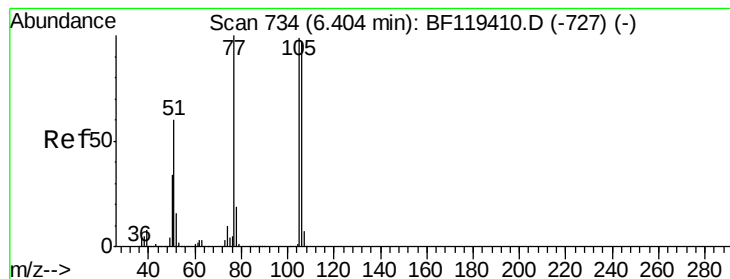
Lab File: BF119483.D

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

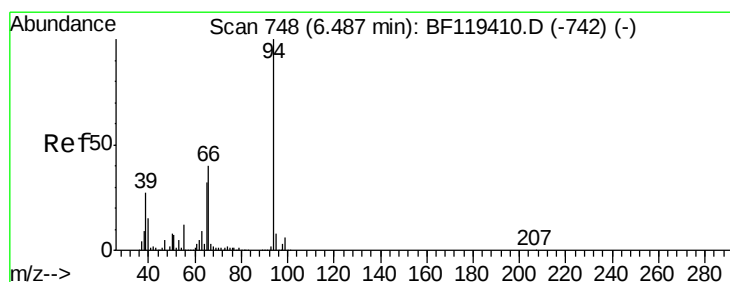
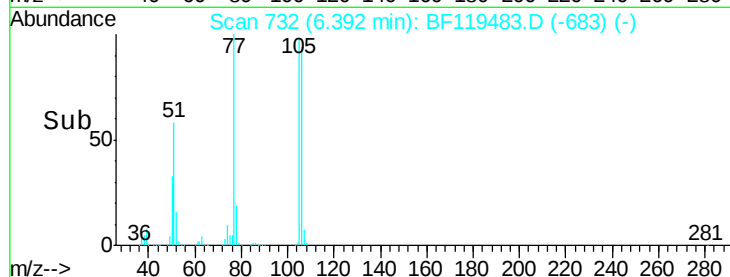
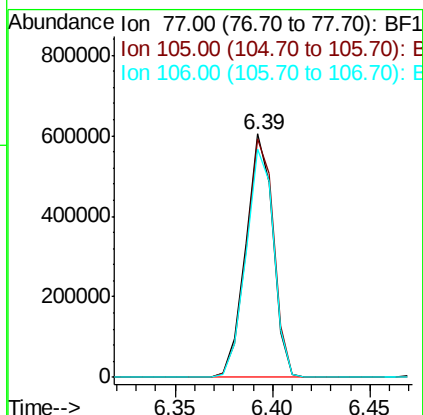
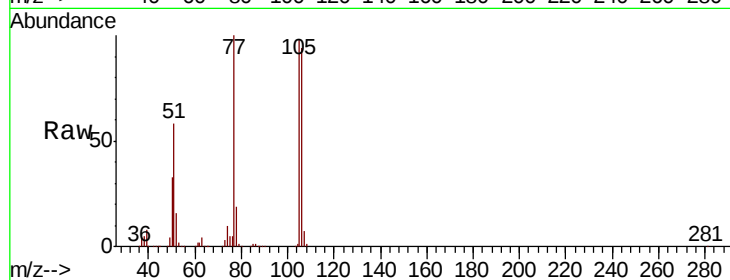
Tot Ion: 77 Resp: 583505

Ion Ratio Lower Upper

77 100

105 97.8 78.6 118.6

106 94.0 76.5 116.5



#10

Phenol

Concen: 43.031 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

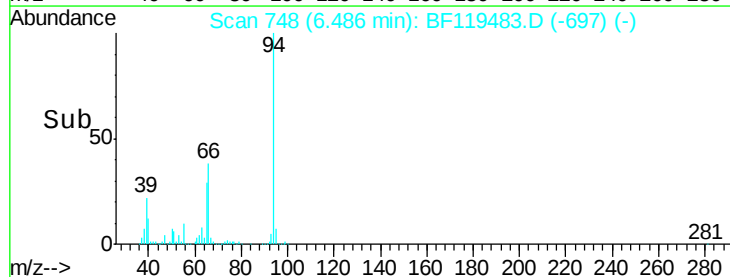
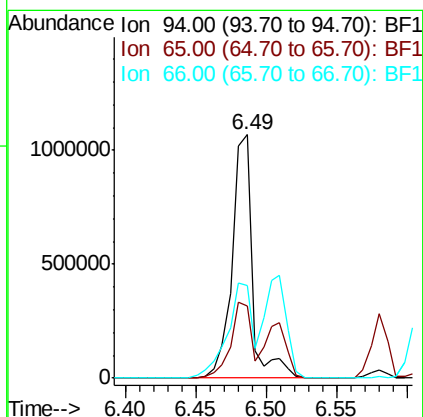
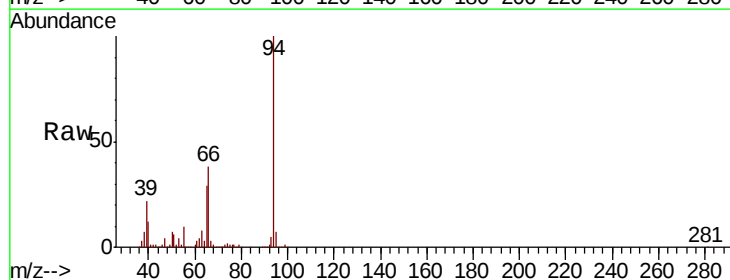
Tgt Ion: 94 Resp: 1075305

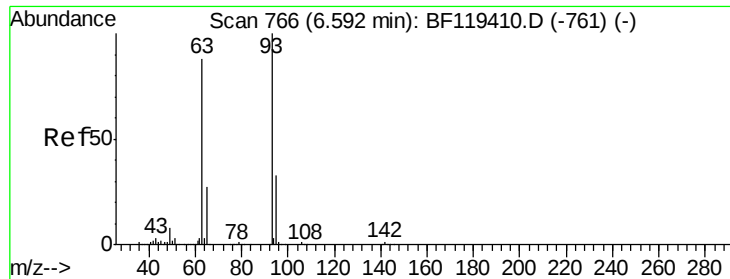
Ion Ratio Lower Upper

94 100

65 29.4 12.0 52.0

66 37.9 20.6 60.6

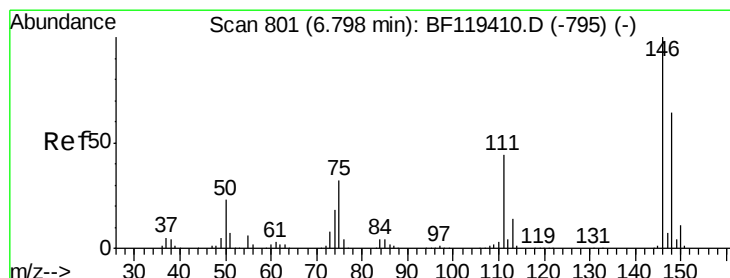
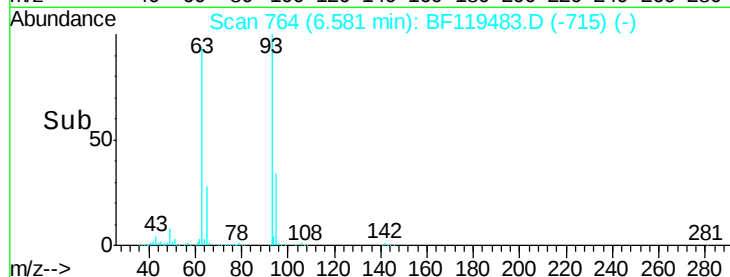
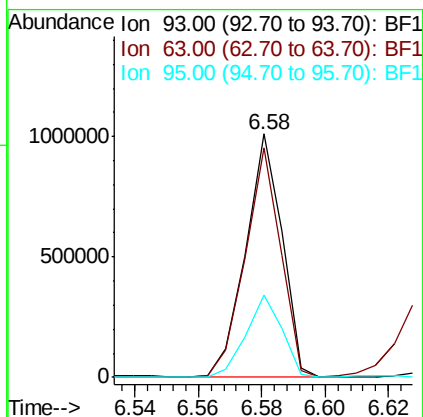
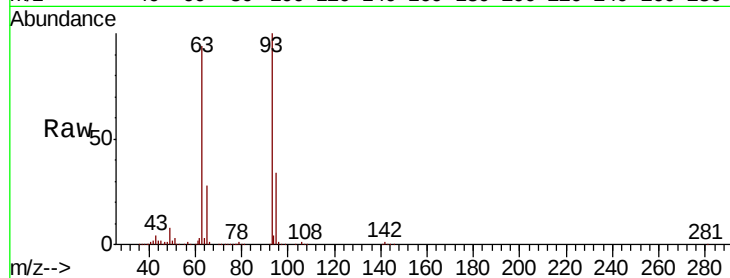




#11
bis(2-Chloroethyl)ether
Concen: 40.152 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

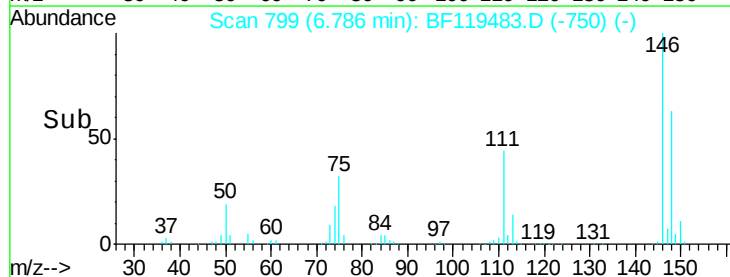
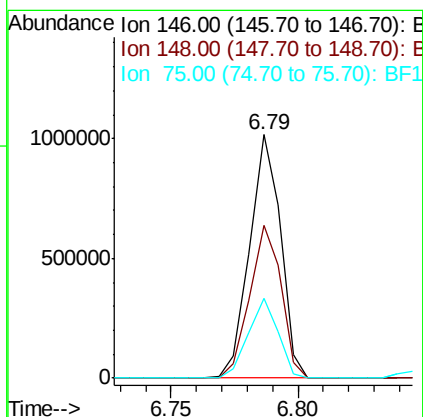
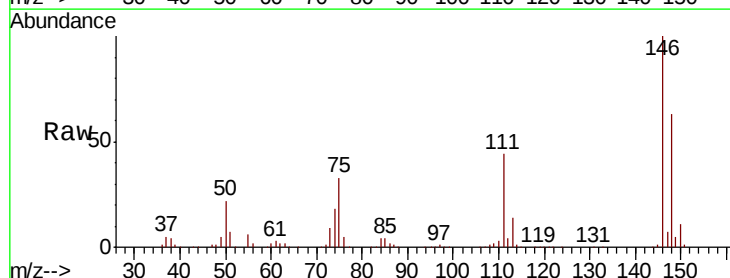
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

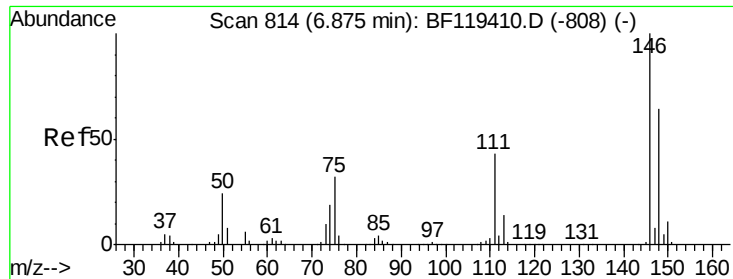
Tot Ion: 93 Resp: 802493
Ion Ratio Lower Upper
93 100
63 94.3 68.4 108.4
95 33.6 13.4 53.4



#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: 146 Resp: 868591
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.0
75 32.6 25.8 38.8

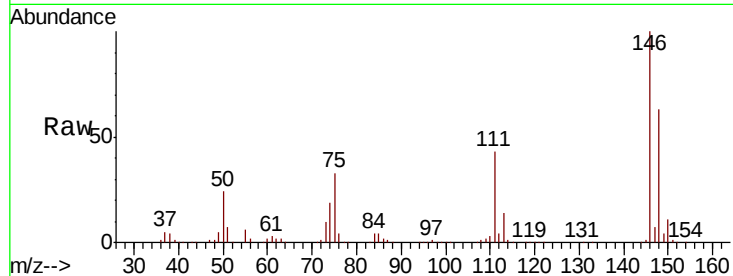




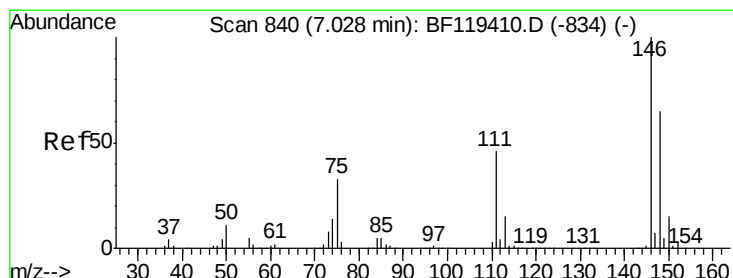
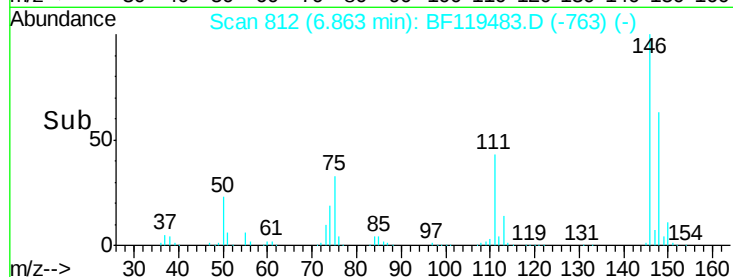
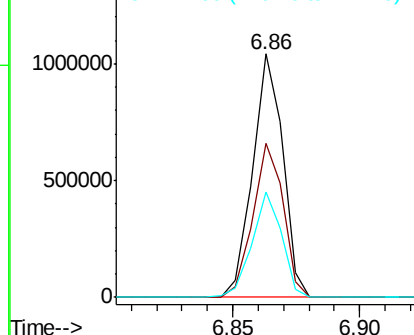
#13
 1,4-Dichlorobenzene
 Concen: 41.649 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

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

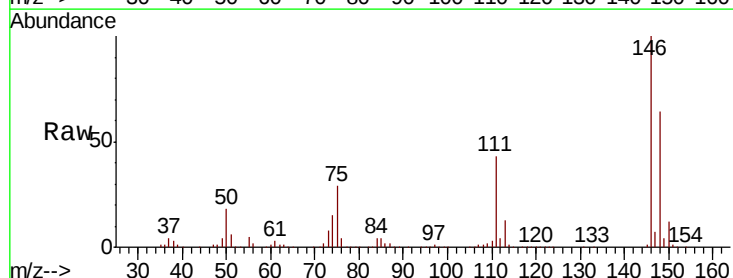


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

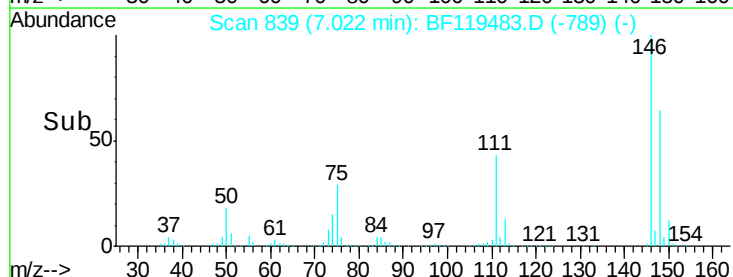
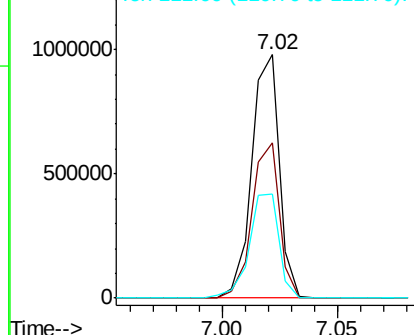


#14
 1,2-Dichlorobenzene
 Concen: 42.028 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Tgt Ion	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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

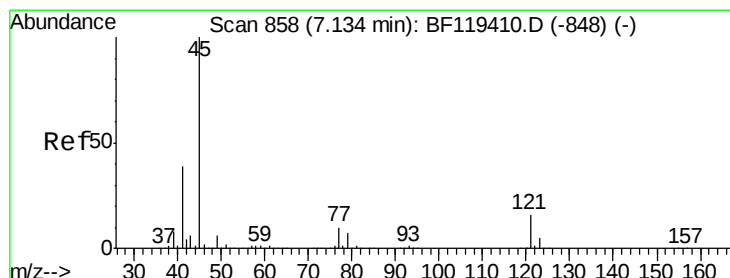
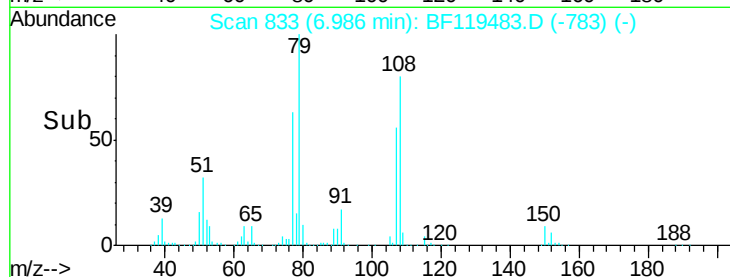
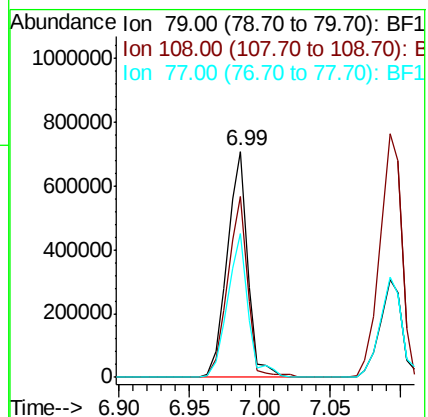
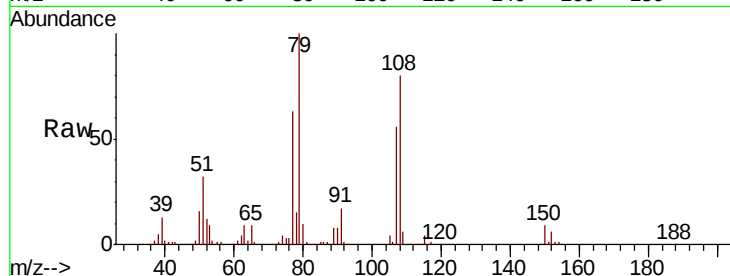
Tot Ion: 79 Resp: 718723

Ion Ratio Lower Upper

79 100

108 79.8 60.4 90.6

77 63.3 49.0 73.4



#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

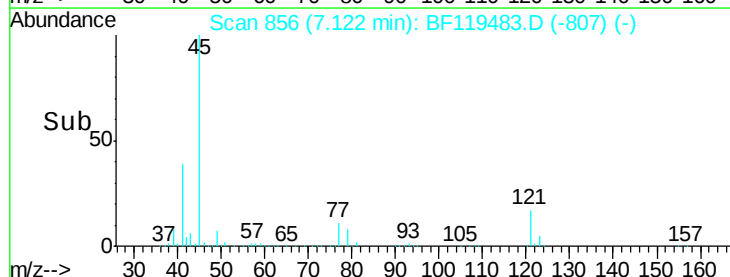
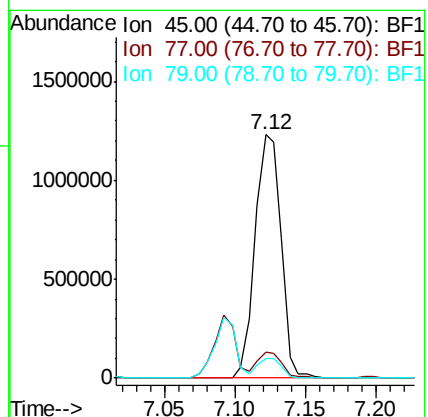
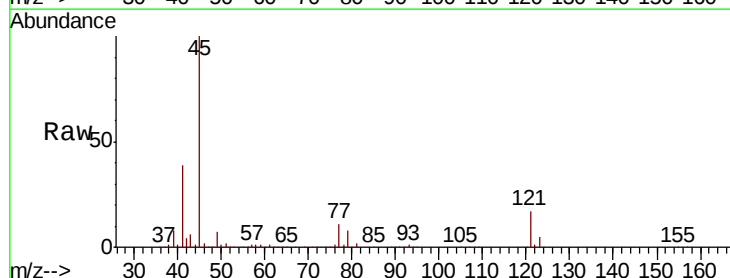
Tgt Ion: 45 Resp: 1600209

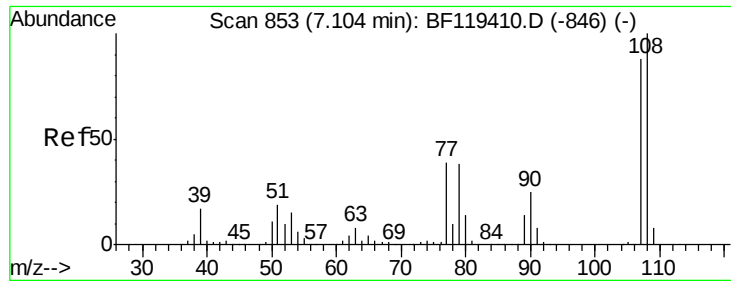
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.1

79 7.9 0.0 27.4

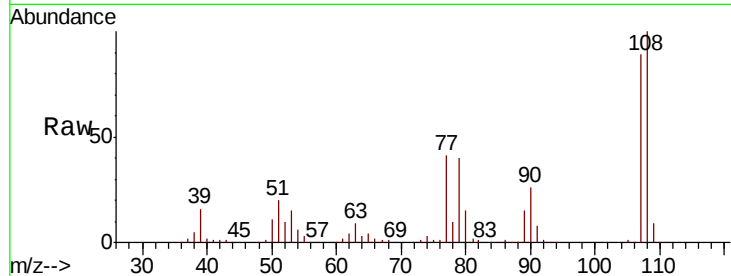




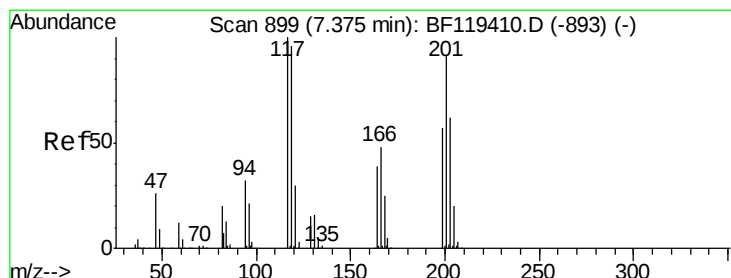
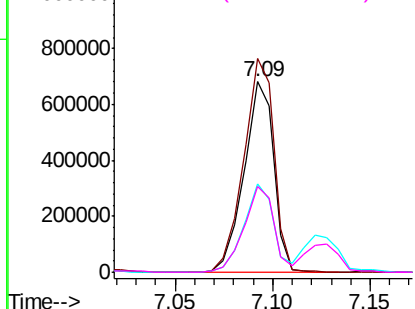
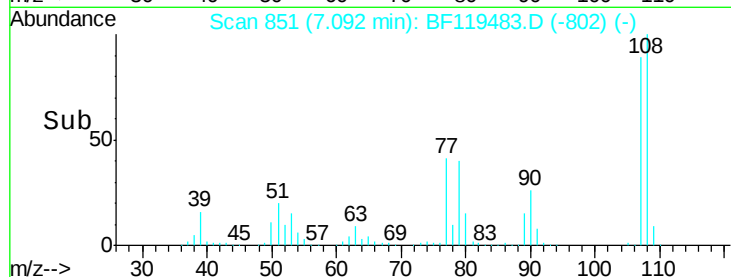
#17
2-Methylphenol
Concen: 40.612 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 716489
Ion Ratio 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

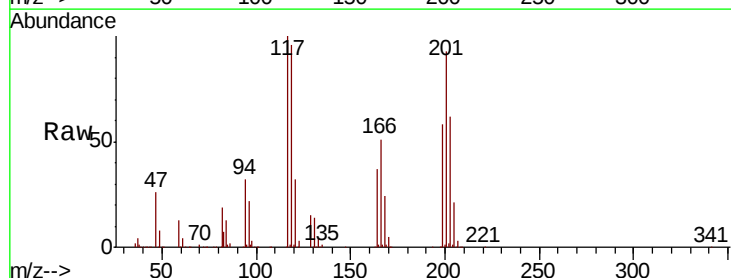


Abundance Ion 107.00 (106.70 to 107.70): E
1200000 Ion 108.00 (107.70 to 108.70): E
1000000 Ion 77.00 (76.70 to 77.70): BF1
800000 Ion 79.00 (78.70 to 79.70): BF1

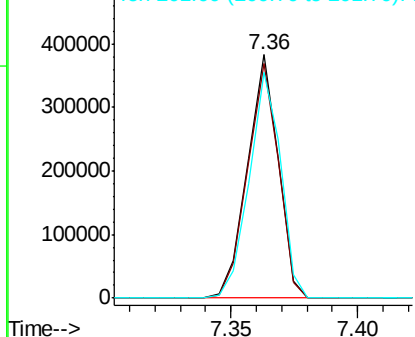
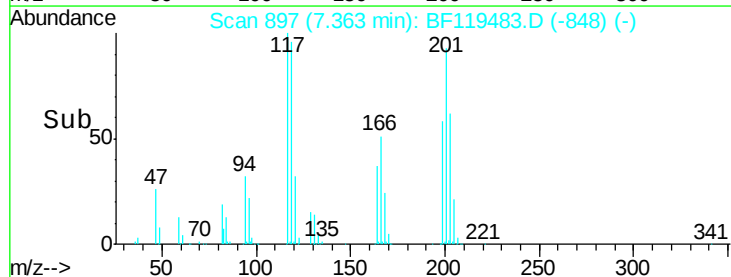


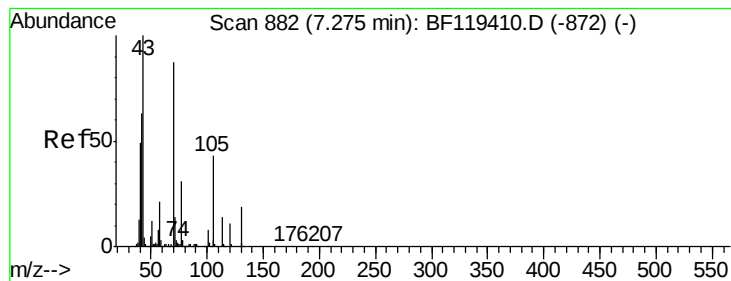
#18
Hexachloroethane
Concen: 42.397 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion:117 Resp: 323873
Ion Ratio 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: 70 Resp: 582897

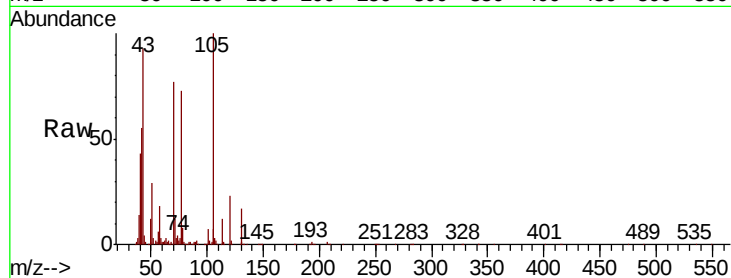
Ion Ratio Lower Upper

70 100

42 71.5 58.2 87.4

101 9.7 7.4 11.2

130 21.6 17.8 26.8

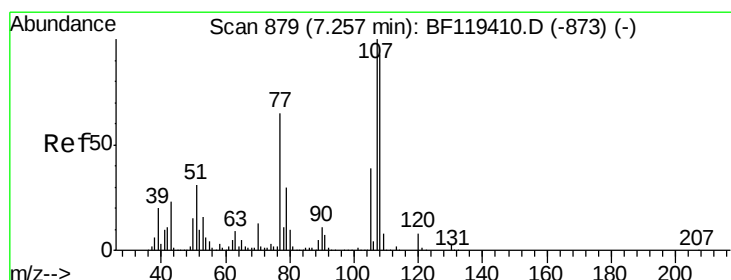
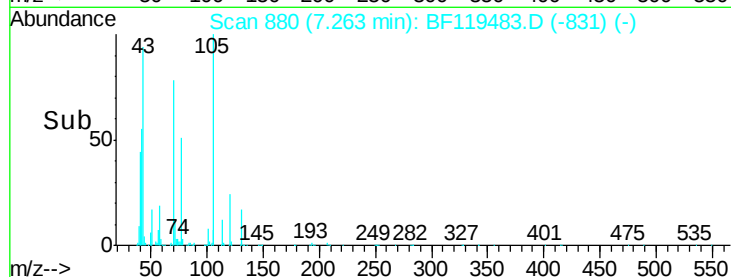
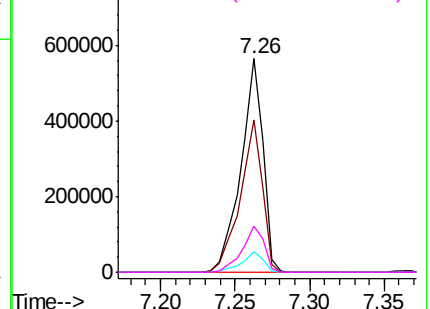


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 33.138 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.16 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Tgt Ion:107 Resp: 716489

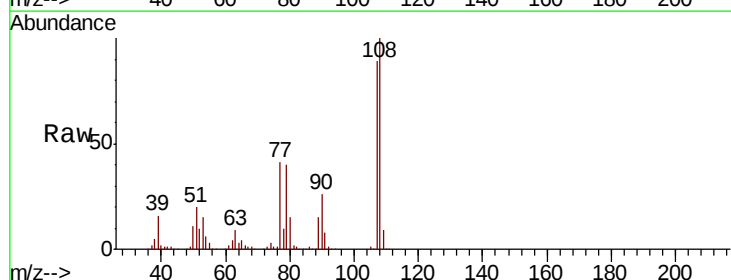
Ion Ratio Lower Upper

107 100

108 112.1 72.6 112.6

77 46.4 44.7 84.7

79 44.9 10.2 50.2

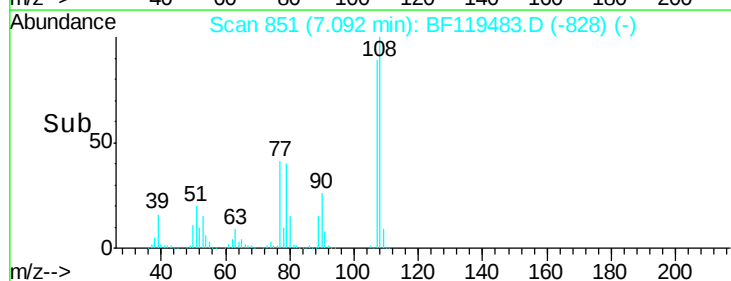
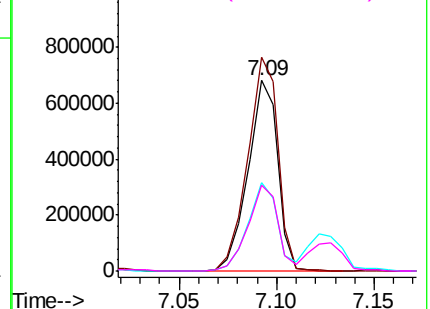


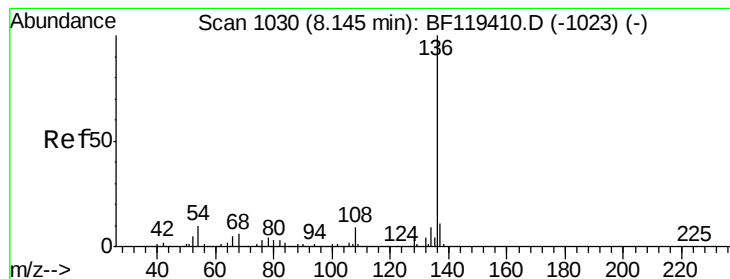
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#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:136 Resp: 1075995

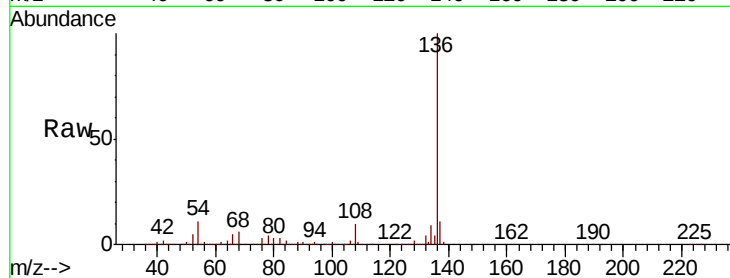
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.7 8.3 12.5

68 5.8 4.9 7.3

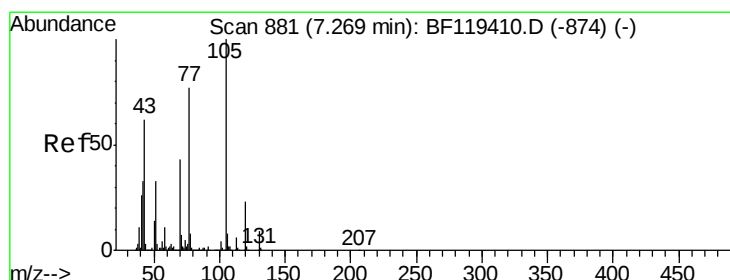
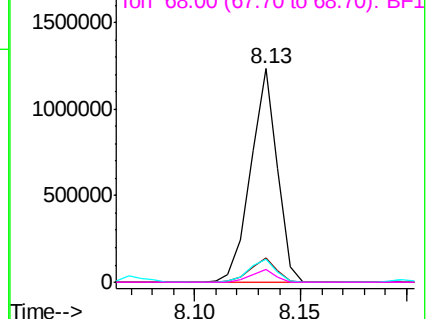
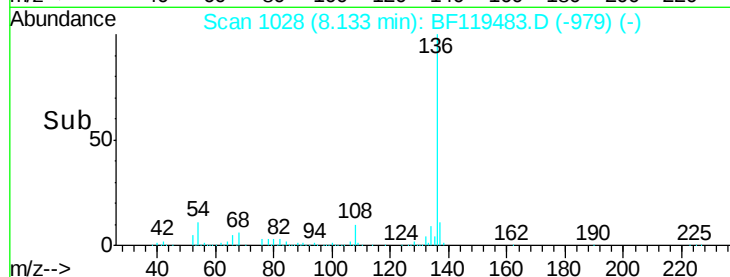


Abundance Ion 136.00 (135.70 to 136.70): E

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:105 Resp: 1041788

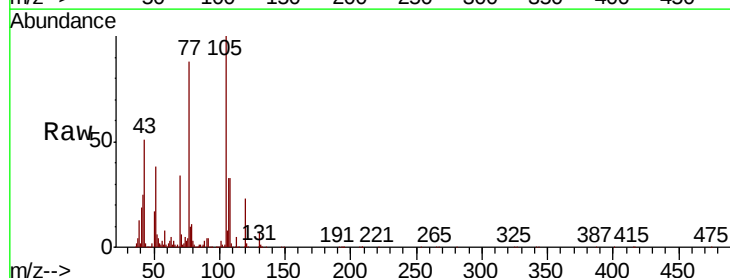
Ion Ratio Lower Upper

105 100

71 5.6 5.8 8.6#

51 37.7 26.8 40.2

120 23.1 18.0 27.0

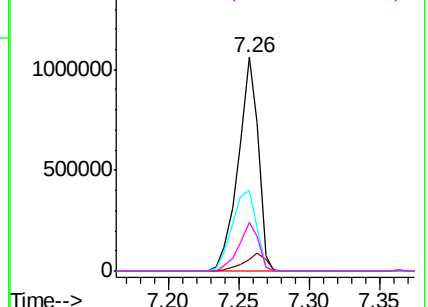
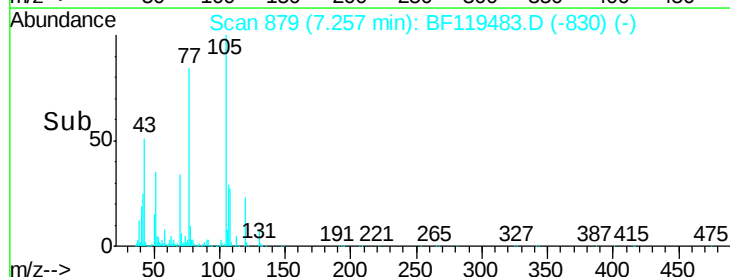


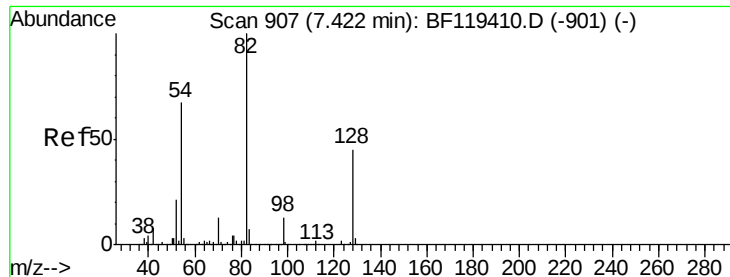
Abundance Ion 105.00 (104.70 to 105.70): E

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

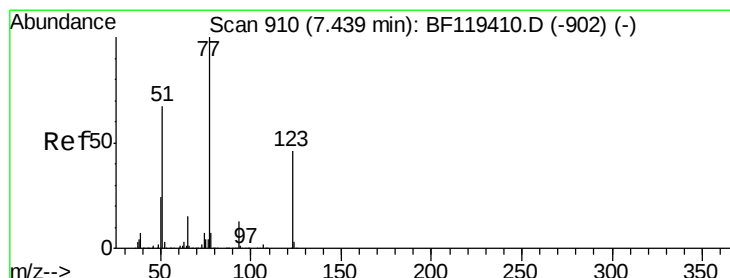
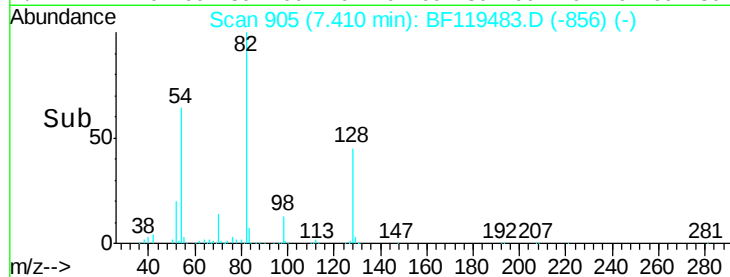
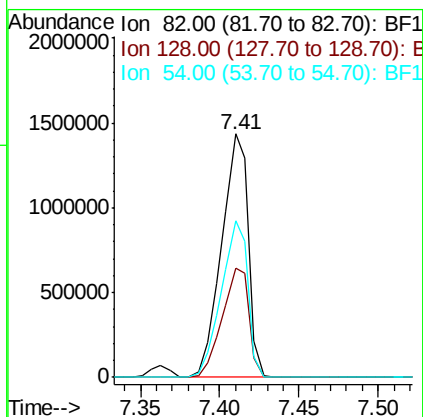
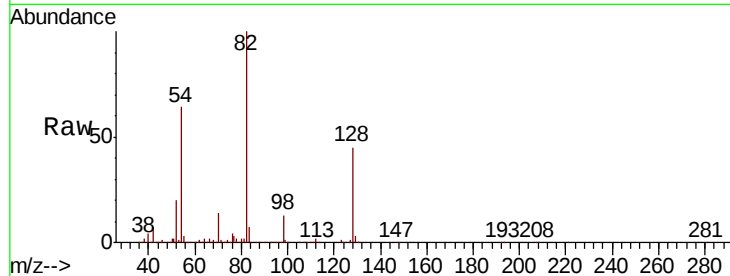




#23
 Nitrobenzene-d5
 Concen: 84.401 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

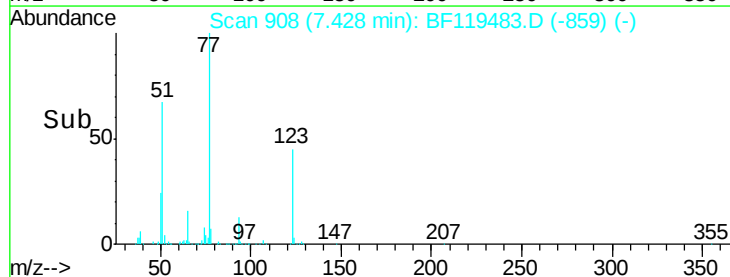
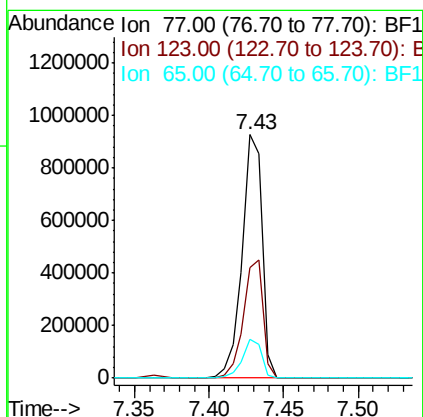
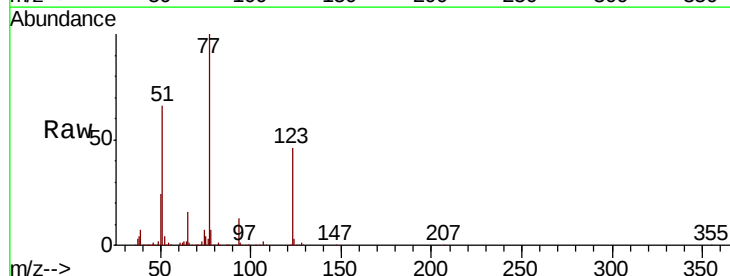
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

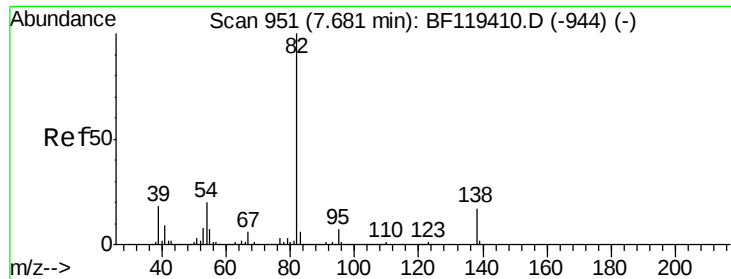
Tot Ion: 82 Resp: 1671004
 Ion Ratio Lower Upper
 82 100
 128 45.0 35.8 53.8
 54 64.4 53.4 80.0



#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

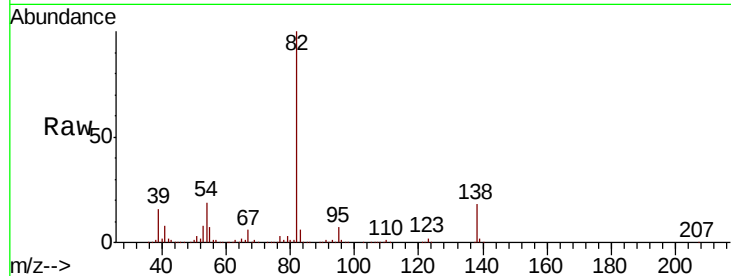
Tot Ion: 82 Resp: 1630831

Ion Ratio Lower Upper

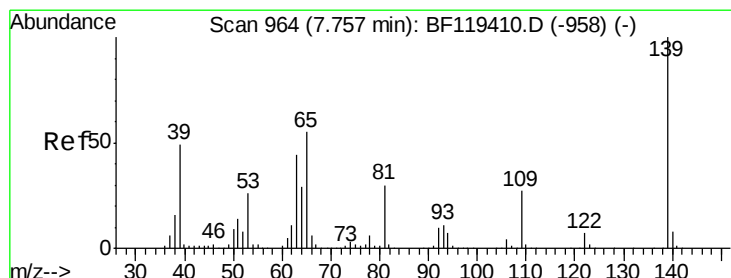
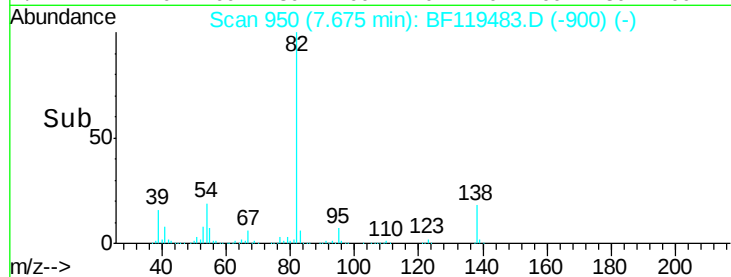
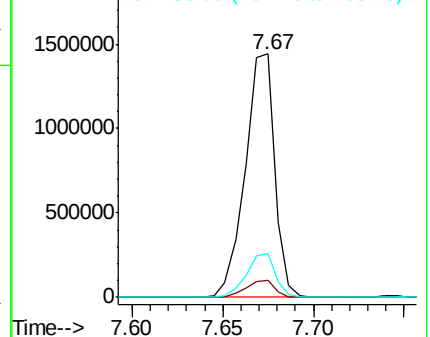
82 100

95 7.0 5.4 8.2

138 18.2 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#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

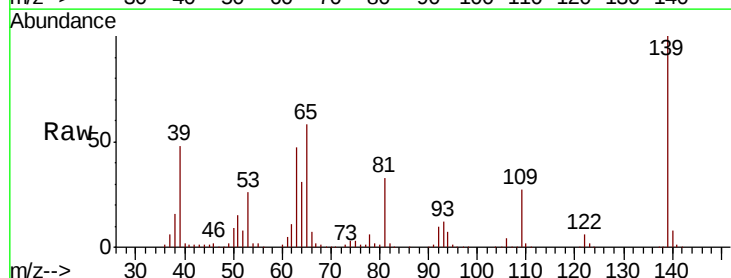
Tgt Ion: 139 Resp: 388302

Ion Ratio Lower Upper

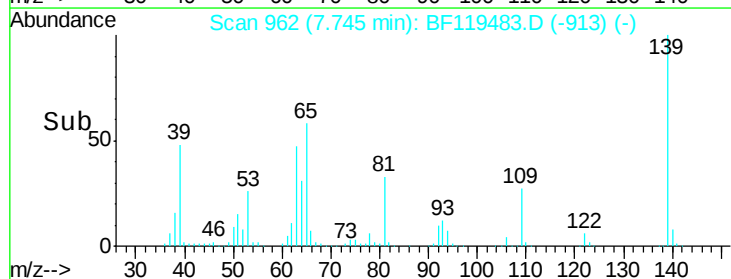
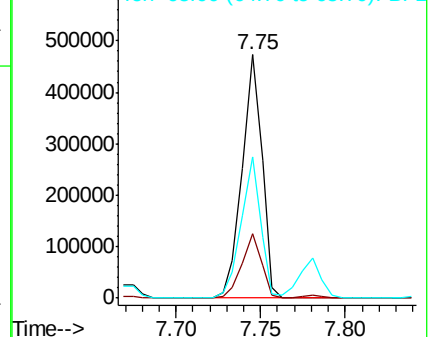
139 100

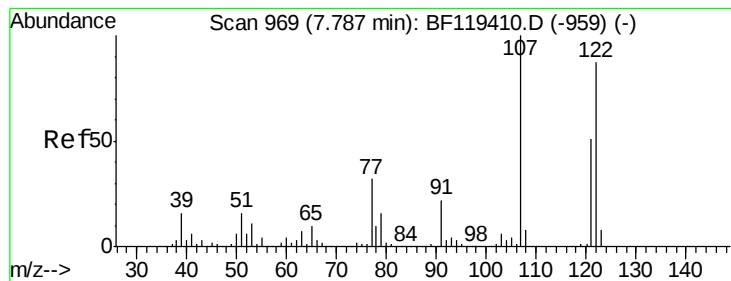
109 26.6 21.7 32.5

65 58.0 43.9 65.9



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

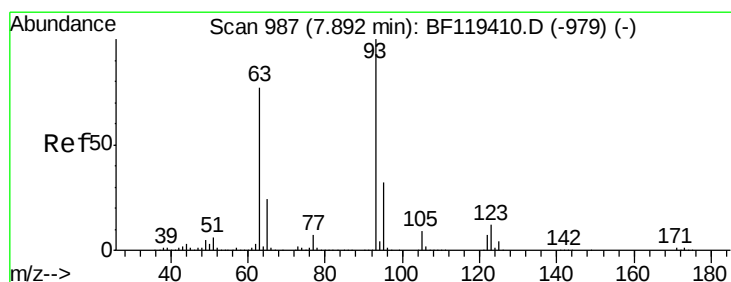
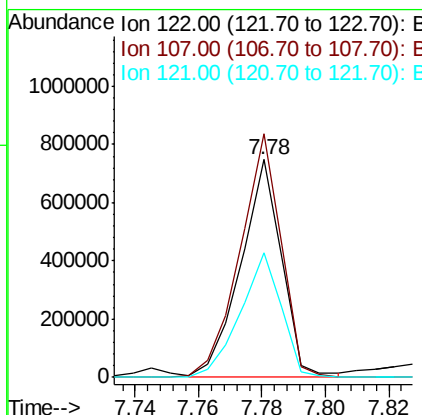
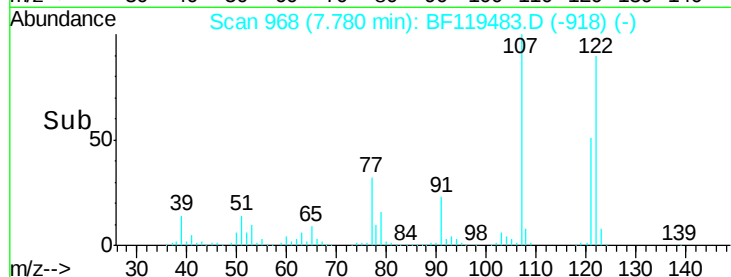
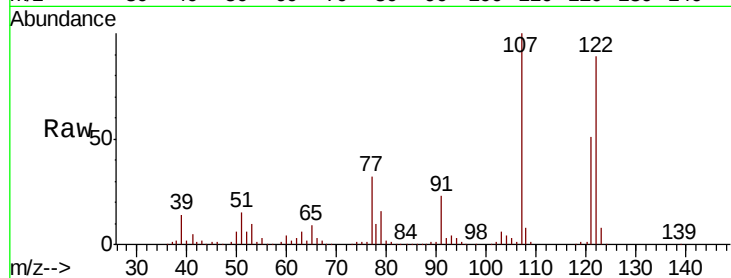




#27
2,4-Dimethylphenol
Concen: 39.063 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

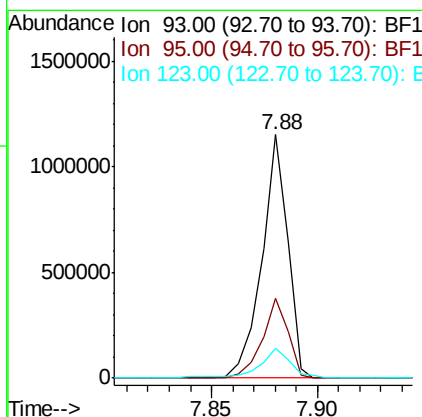
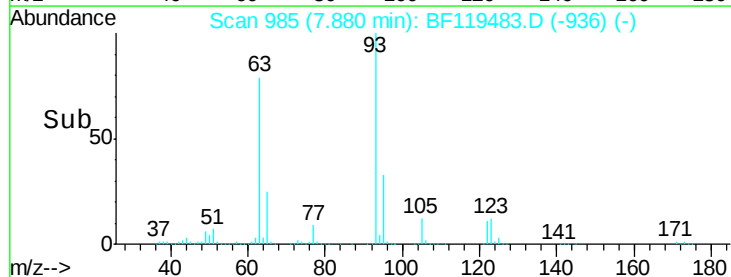
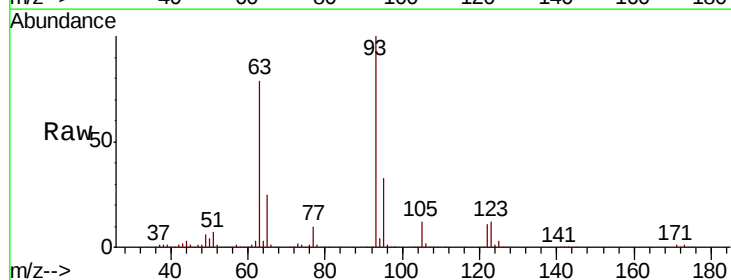
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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



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

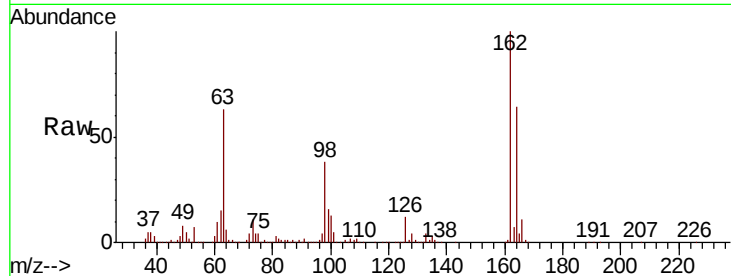




#29
 2,4-Dichlorophenol
 Concen: 42.302 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

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

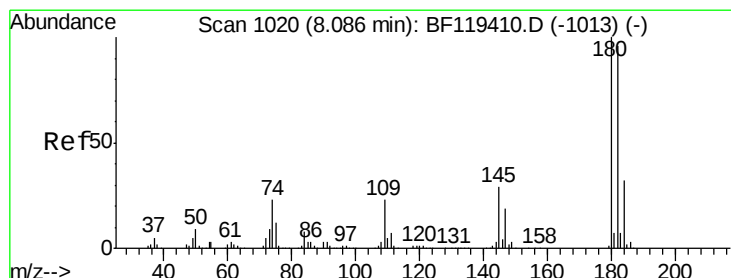
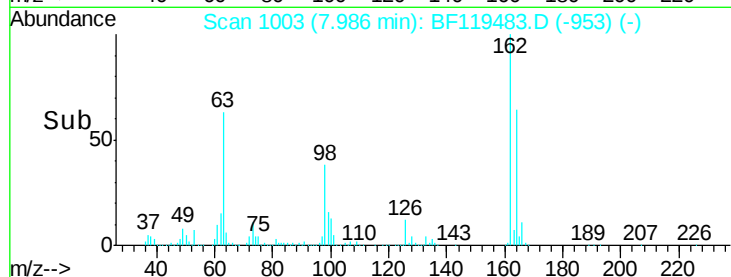
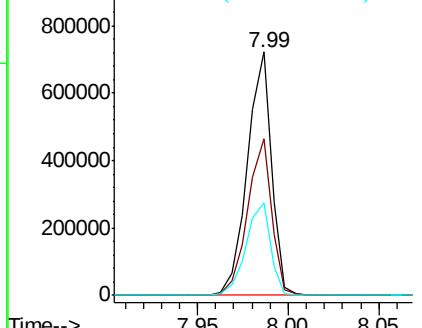


Abundance

Ion 162.00 (161.70 to 162.70): E

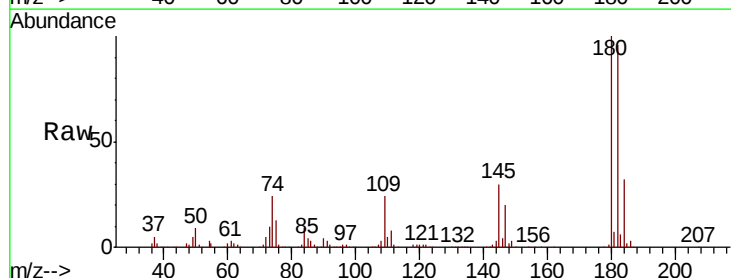
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#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

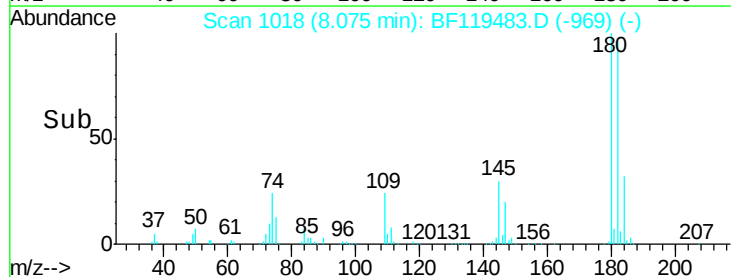
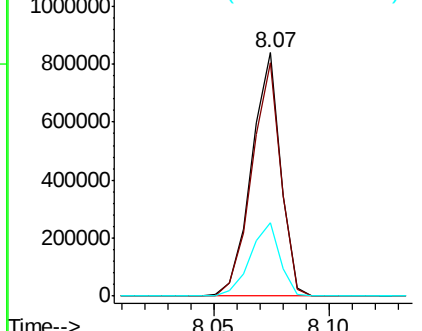


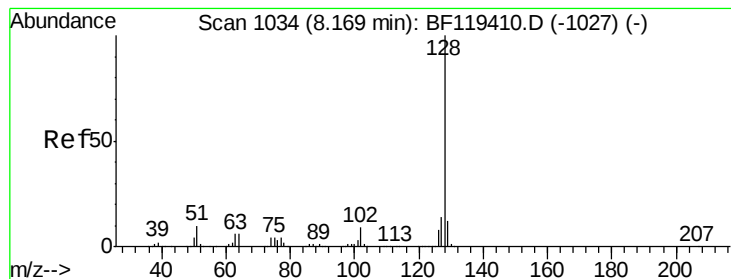
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#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

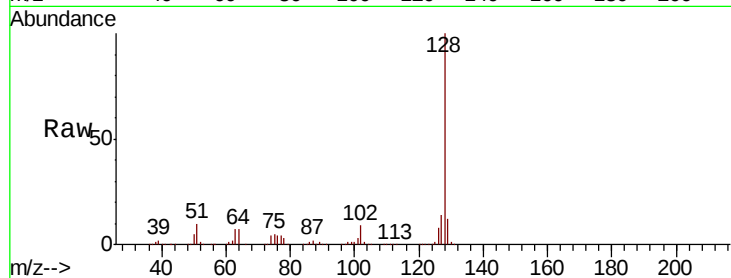
Tot Ion:128 Resp: 2282804

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

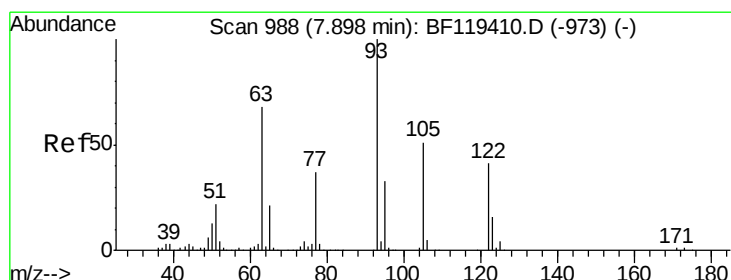
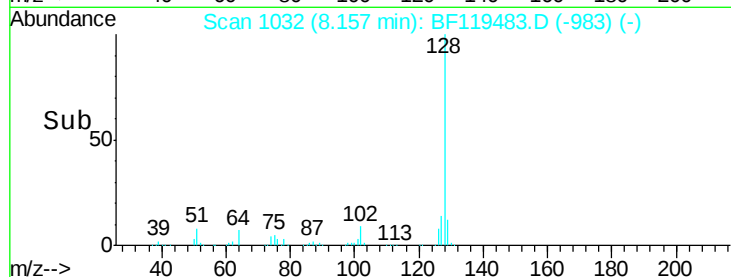
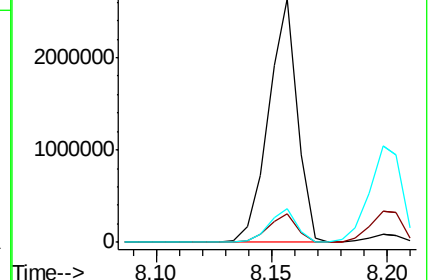
127 14.0 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 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

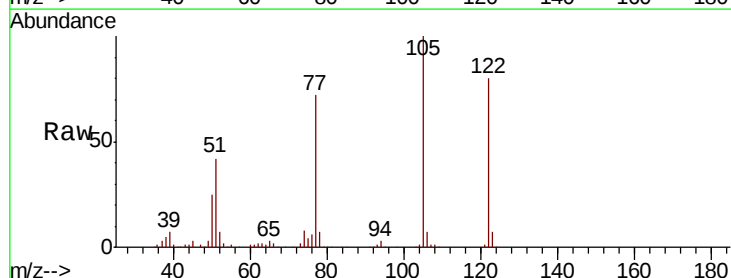
Tgt Ion:122 Resp: 527858

Ion Ratio Lower Upper

122 100

105 125.1 102.9 142.9

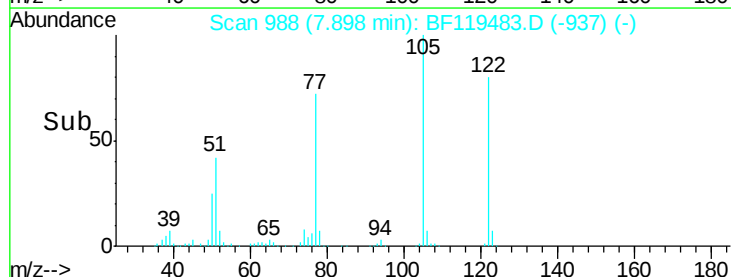
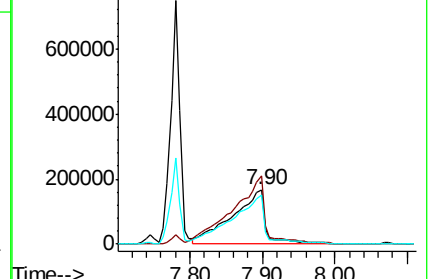
77 90.2 70.1 110.1

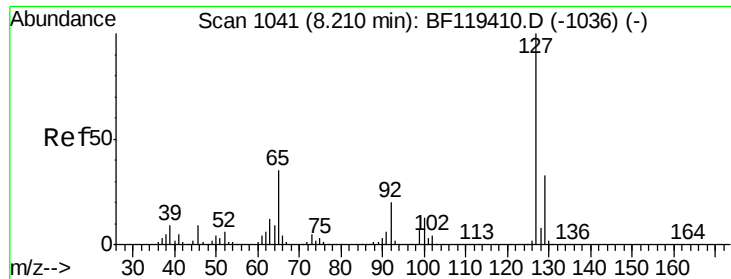


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

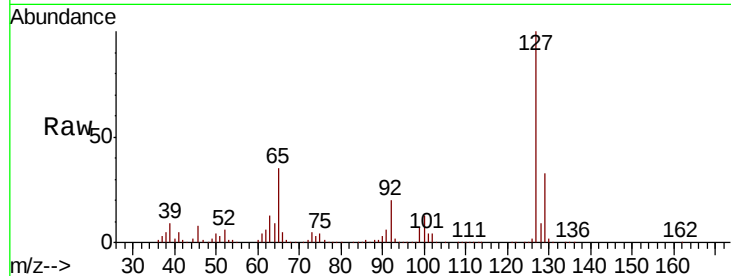




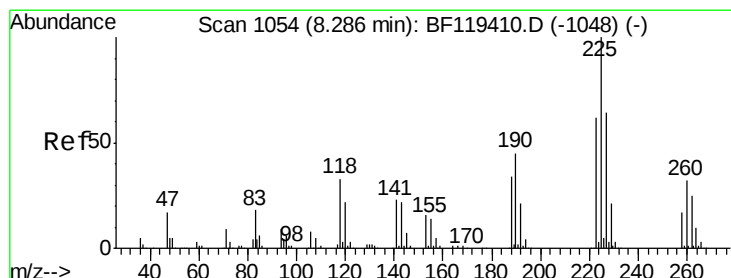
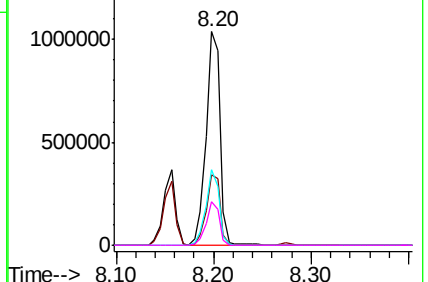
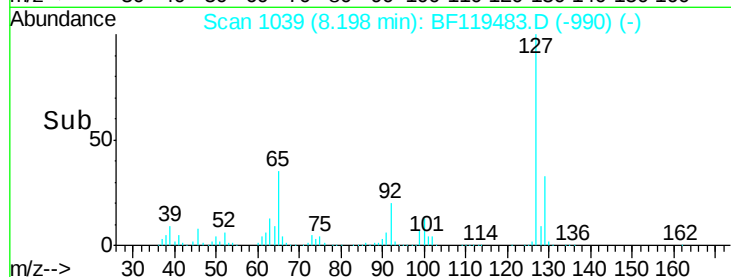
#33
4-Chloroaniline
Concen: 40.661 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

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

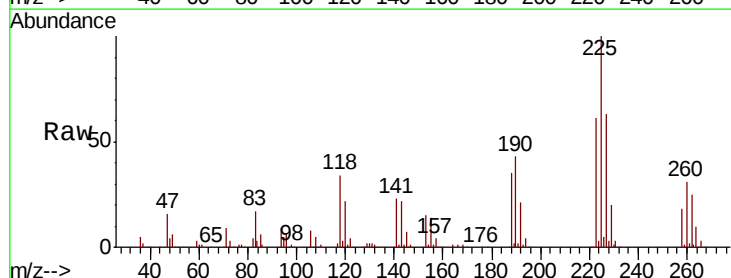


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

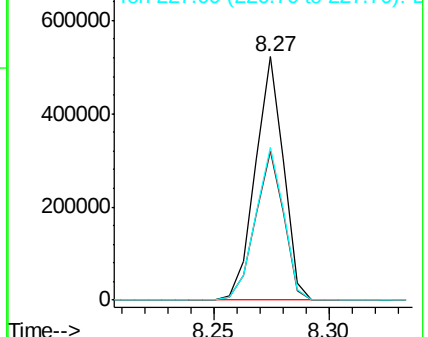
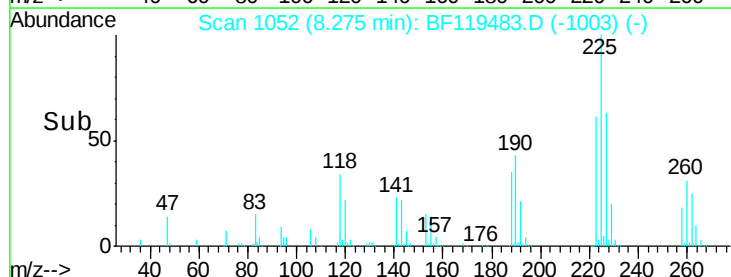


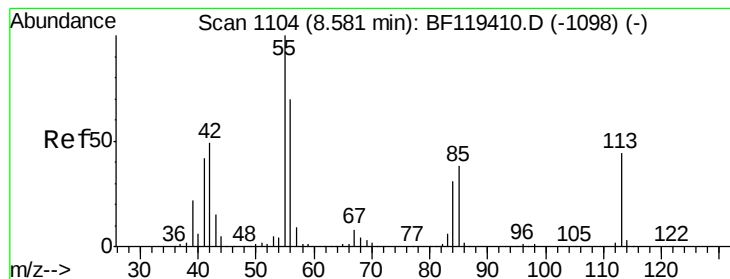
#34
Hexachlorobutadiene
Concen: 45.331 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

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

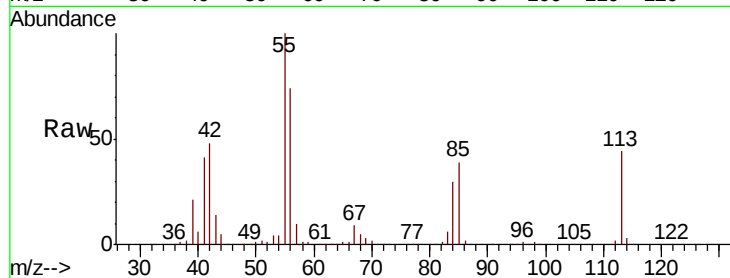
Tot Ion:113 Resp: 210517

Ion Ratio Lower Upper

113 100

55 228.7 208.4 248.4

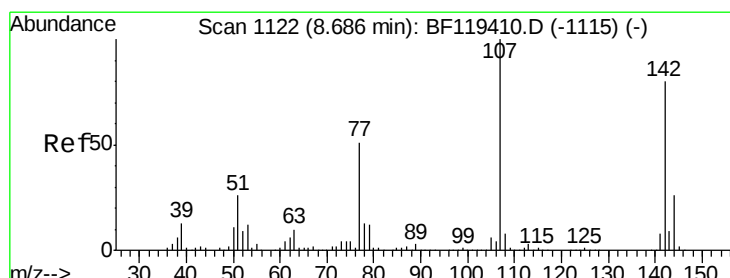
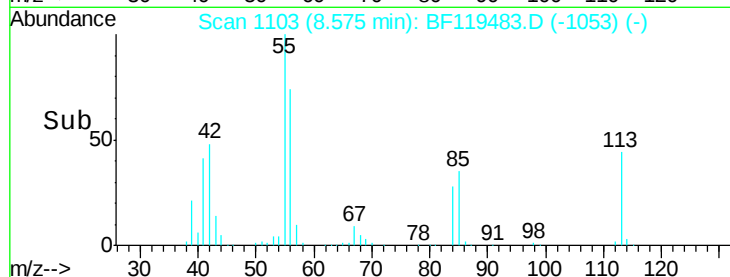
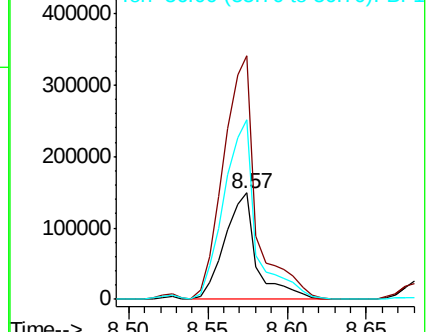
56 168.7 138.9 178.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#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

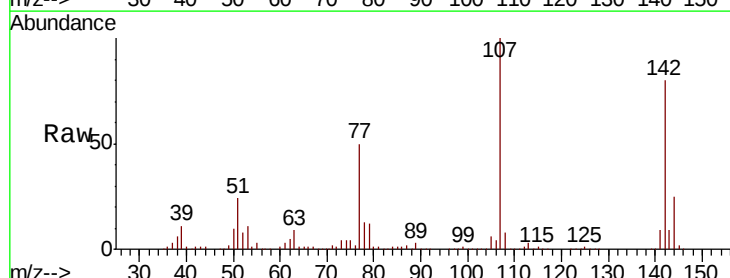
Tgt Ion:107 Resp: 724584

Ion Ratio Lower Upper

107 100

144 25.3 20.6 31.0

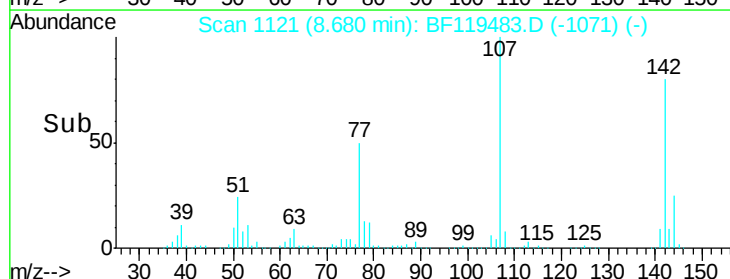
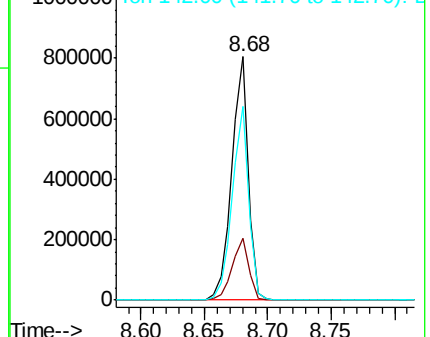
142 79.7 63.8 95.6

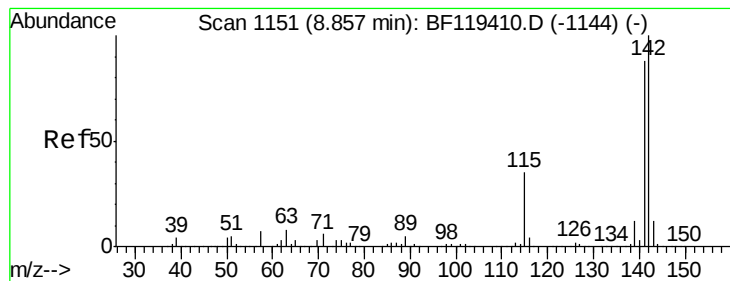


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#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

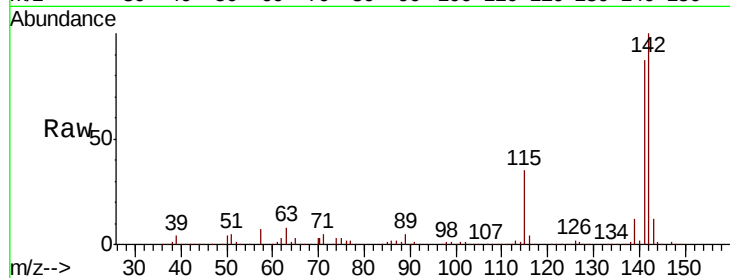
Tot Ion:142 Resp: 1549372

Ion Ratio Lower Upper

142 100

141 87.5 70.4 105.6

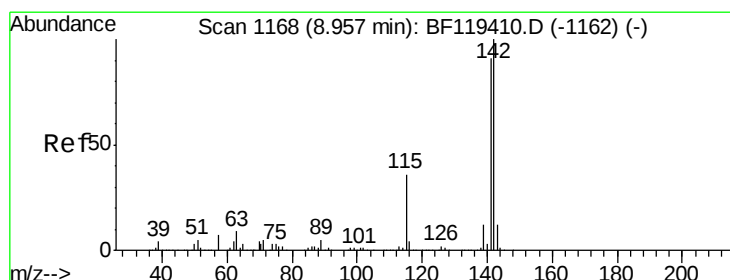
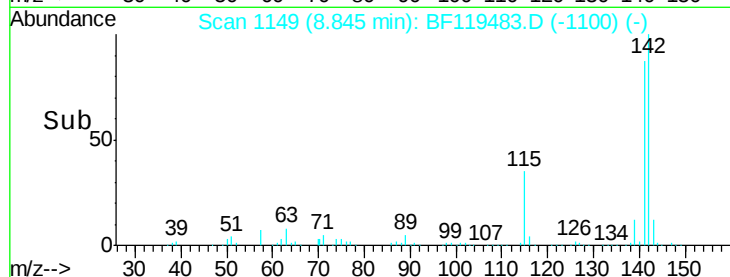
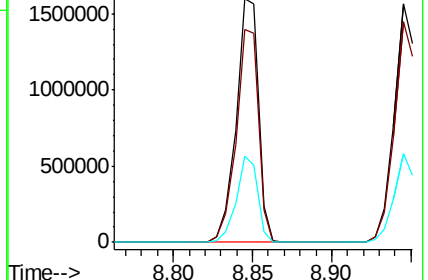
115 35.3 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#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

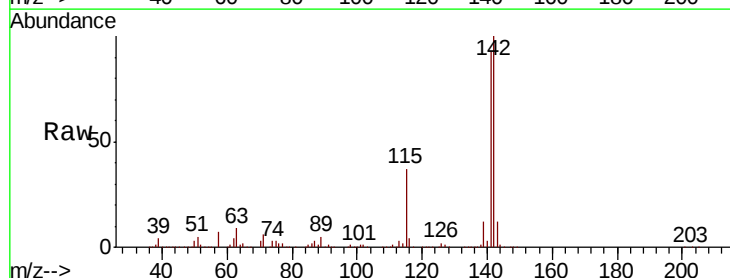
Tgt Ion:142 Resp: 1441393

Ion Ratio Lower Upper

142 100

141 92.9 73.1 109.7

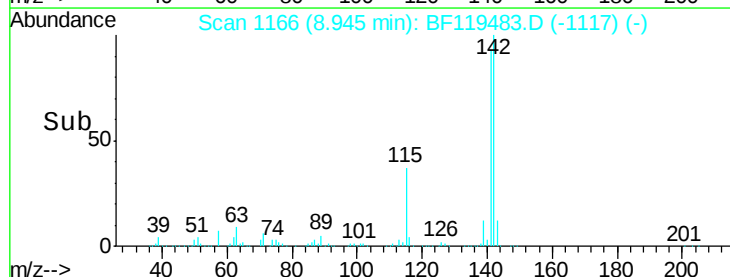
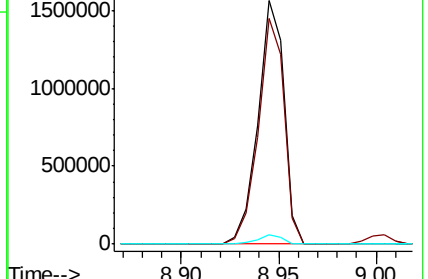
116 3.8 3.0 4.6

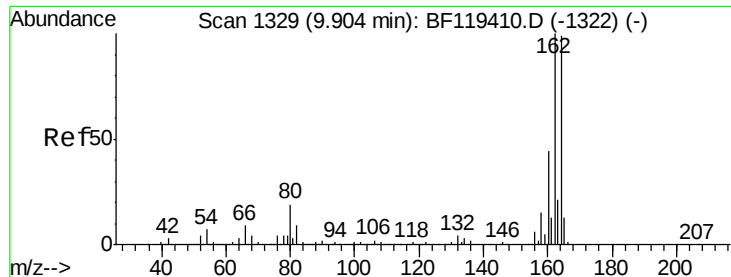


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

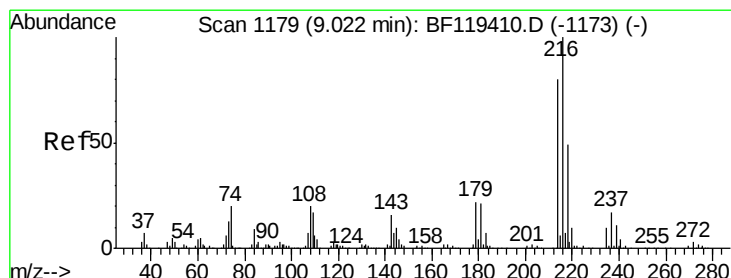
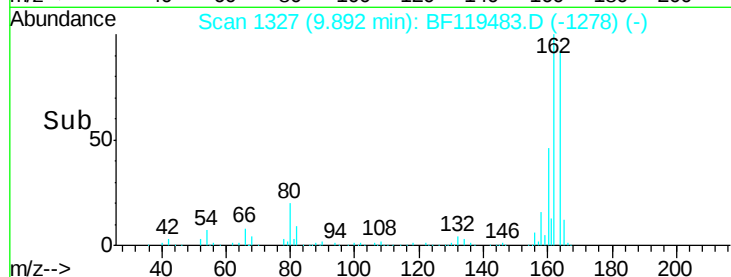
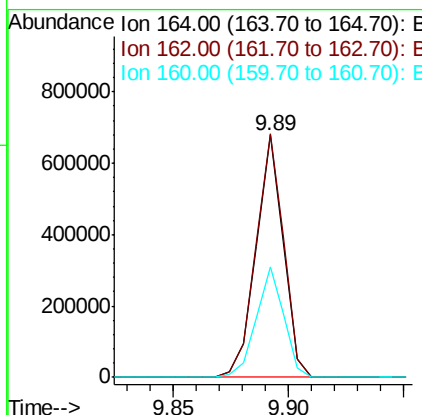
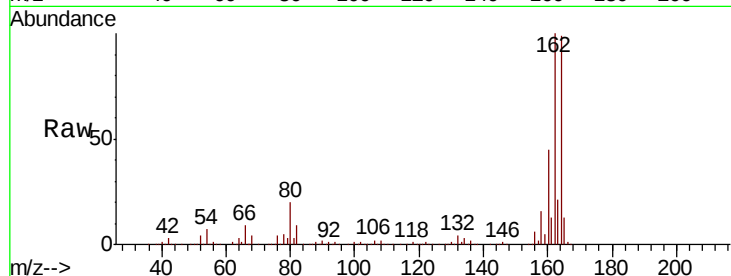




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

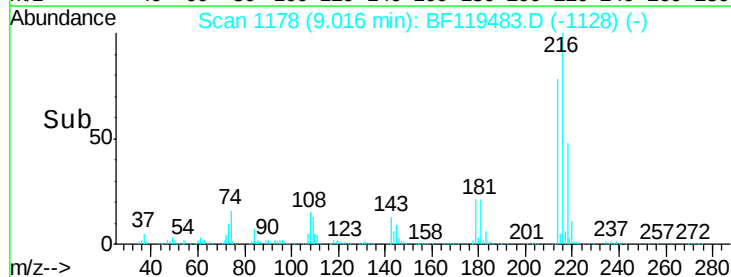
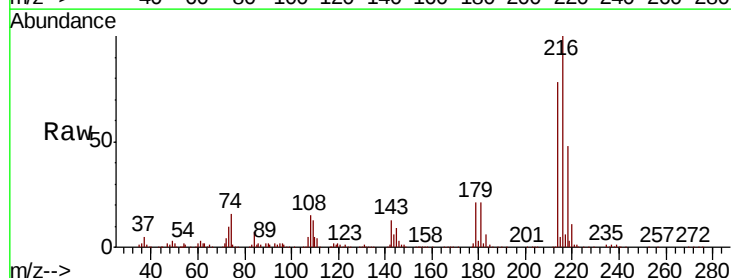
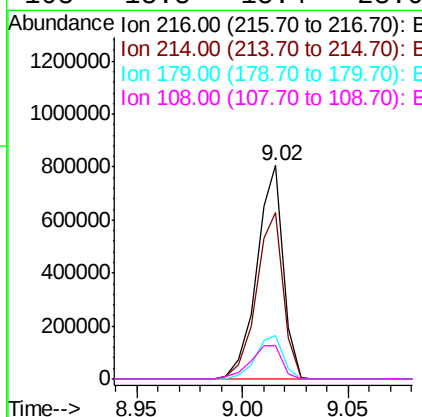
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

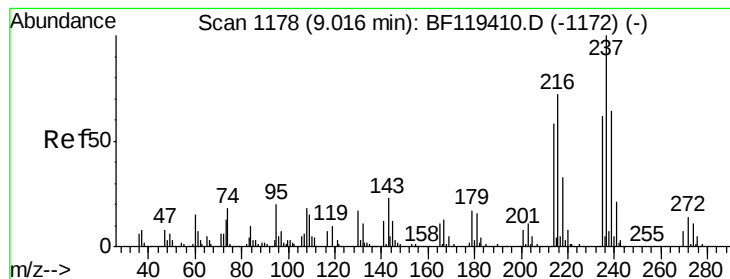
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.7	121.1
160	45.6	35.5	53.3



#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	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

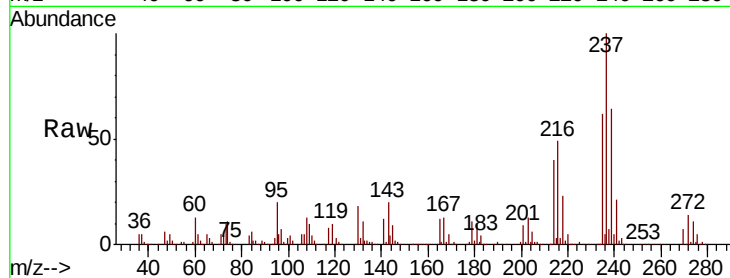
Tot Ion:237 Resp: 405794

Ion Ratio Lower Upper

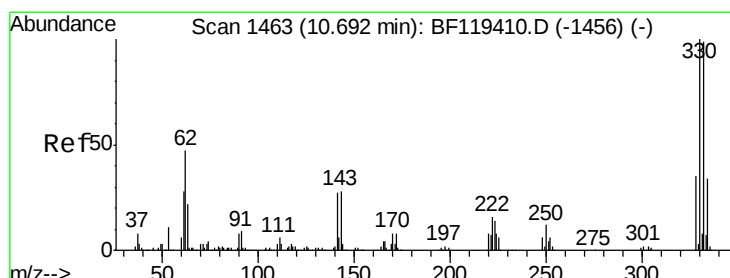
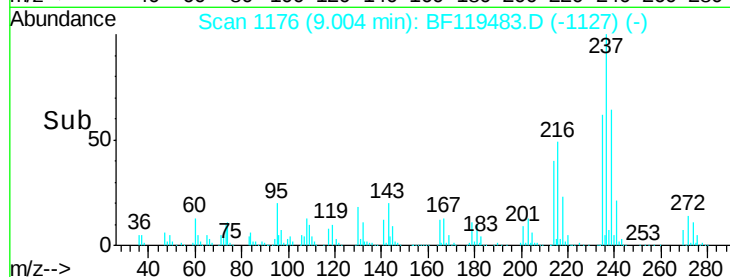
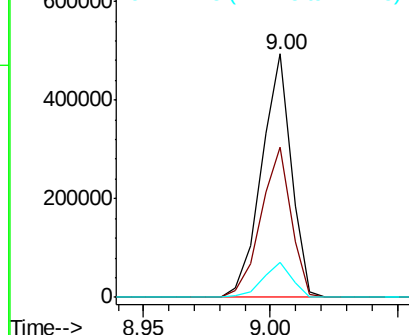
237 100

235 61.9 42.5 82.5

272 14.1 0.0 34.3



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



#42

2,4,6-Tribromophenol

Concen: 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

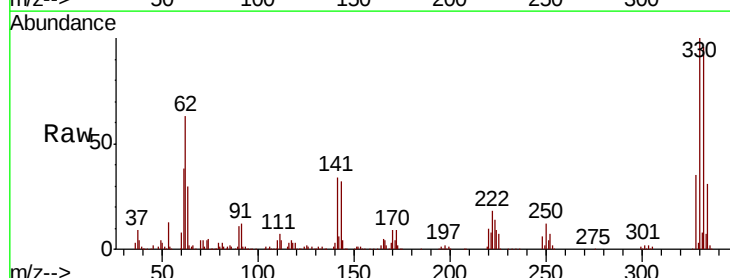
Tgt Ion:330 Resp: 545523

Ion Ratio Lower Upper

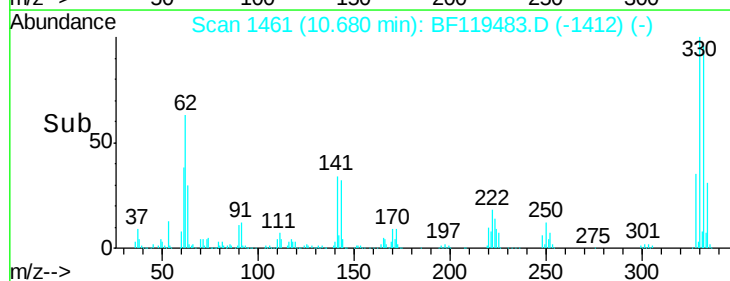
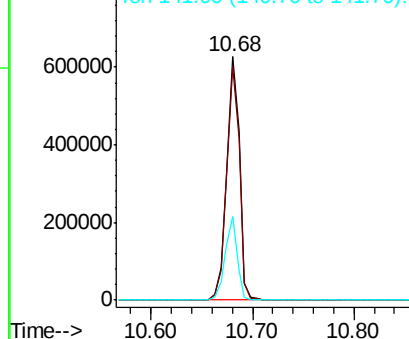
330 100

332 96.2 77.6 116.4

141 32.2 26.6 40.0



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

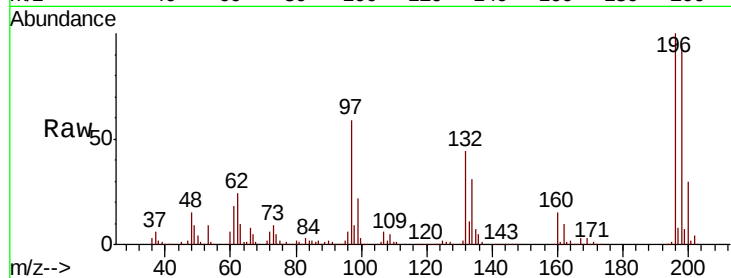




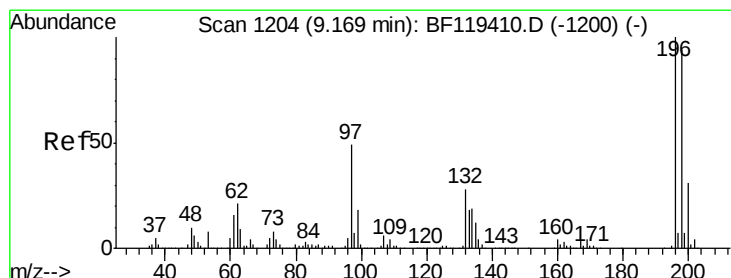
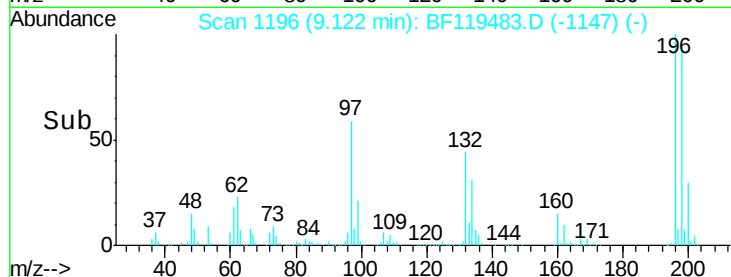
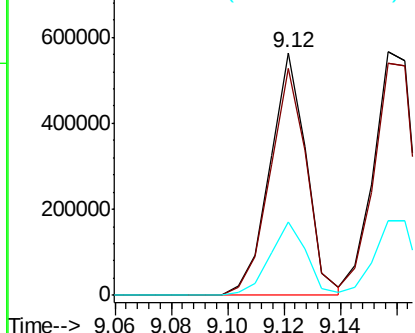
#43
 2,4,6-Trichlorophenol
 Concen: 42.605 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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



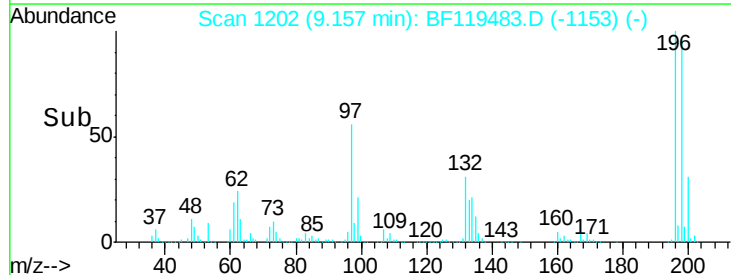
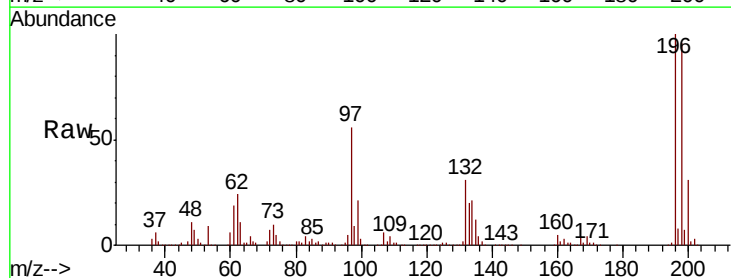
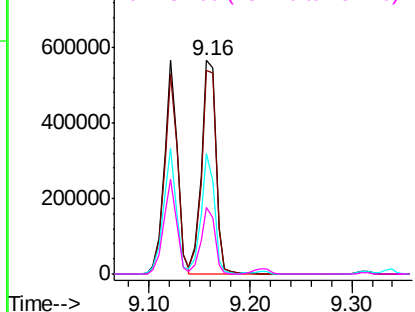
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

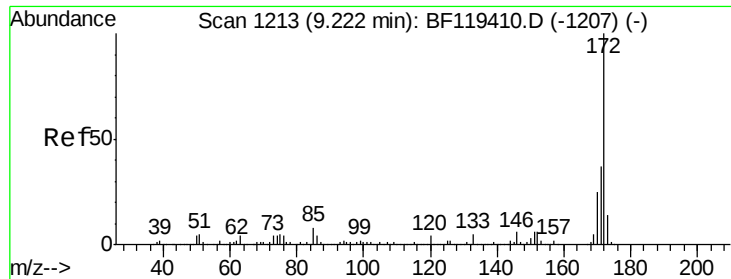


#44
 2,4,5-Trichlorophenol
 Concen: 42.753 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

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

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

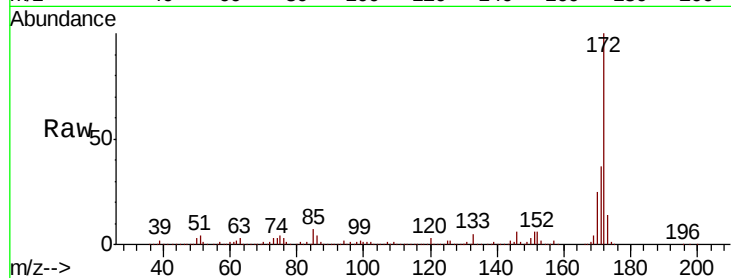




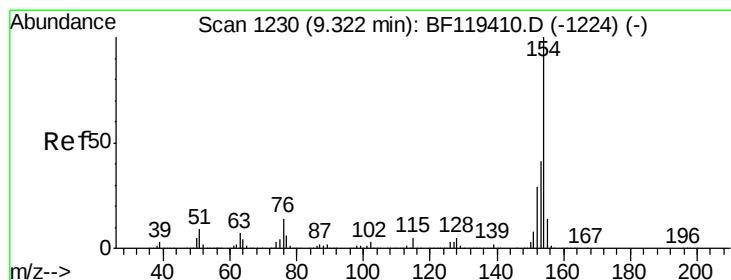
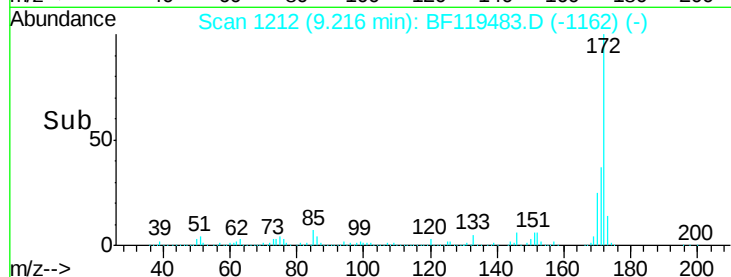
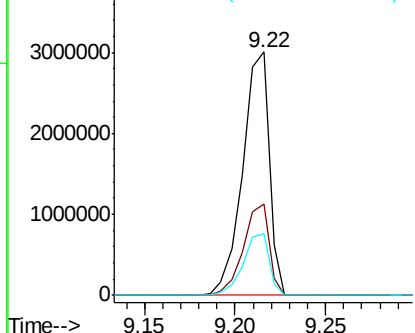
#45
 2-Fluorobiphenyl
 Concen: 80.793 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

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

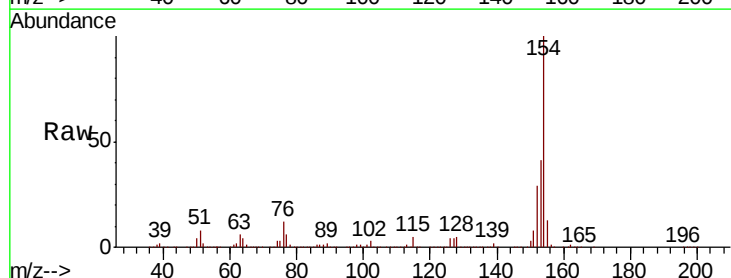


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

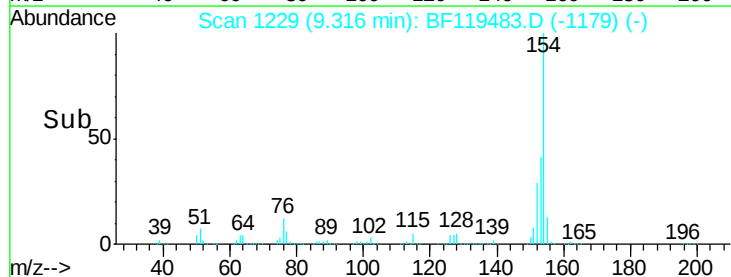
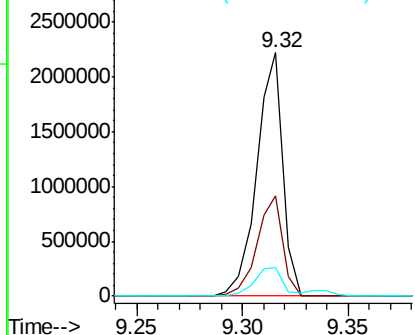


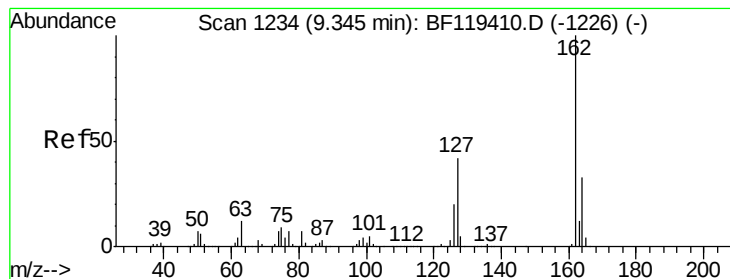
#46
 1,1'-Biphenyl
 Concen: 41.515 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

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



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#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

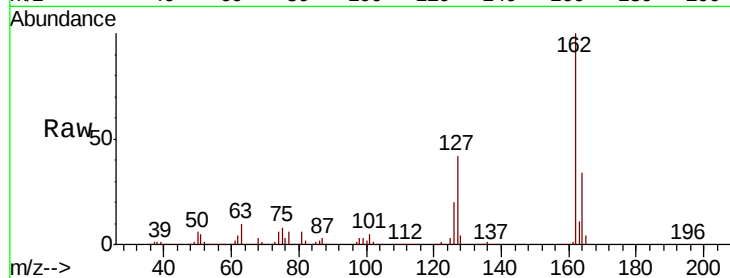
Tot Ion:162 Resp: 1476945

Ion Ratio Lower Upper

162 100

127 42.0 33.7 50.5

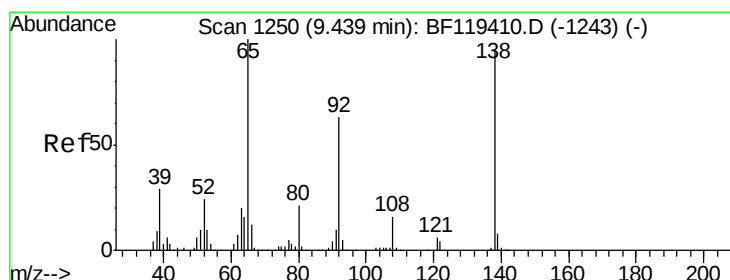
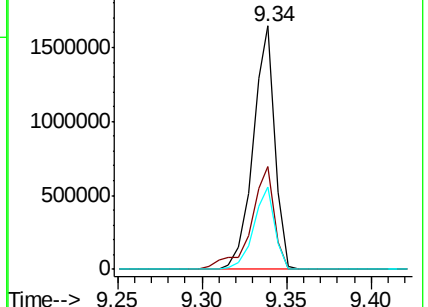
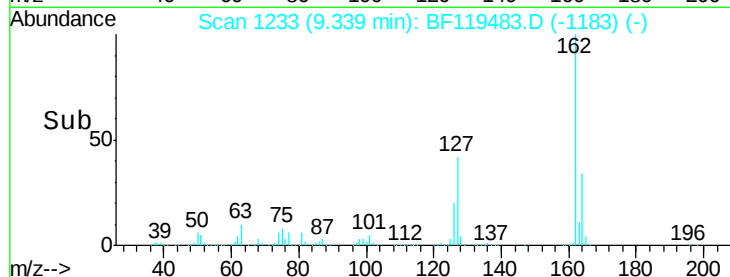
164 34.0 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 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

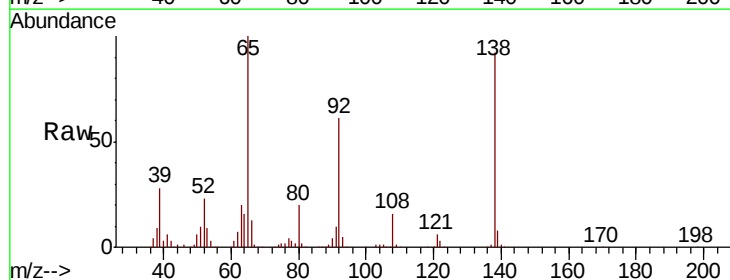
Tgt Ion: 65 Resp: 528284

Ion Ratio Lower Upper

65 100

92 61.3 50.5 75.7

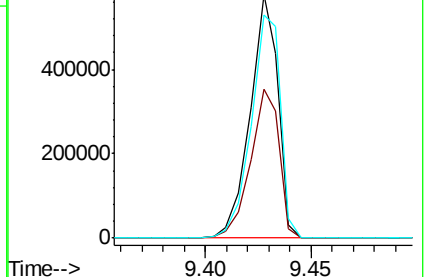
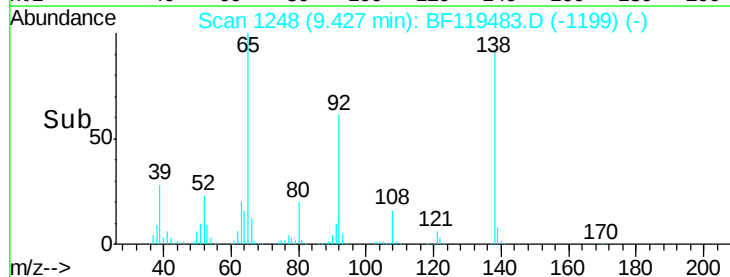
138 91.9 75.8 113.8

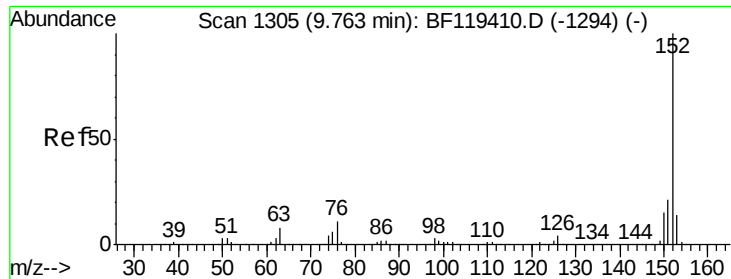


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 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

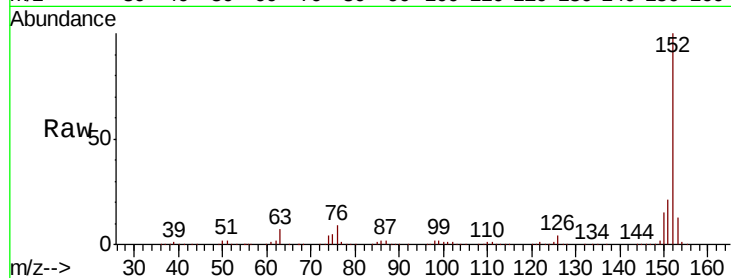
Tot Ion:152 Resp: 2301354

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

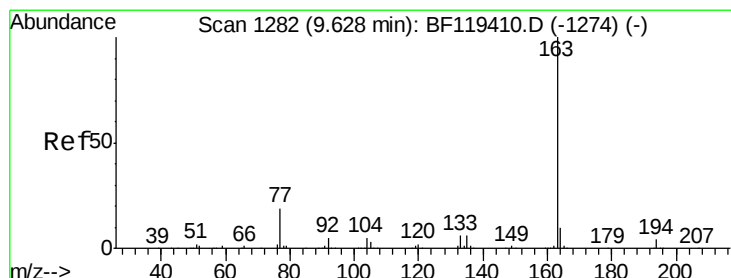
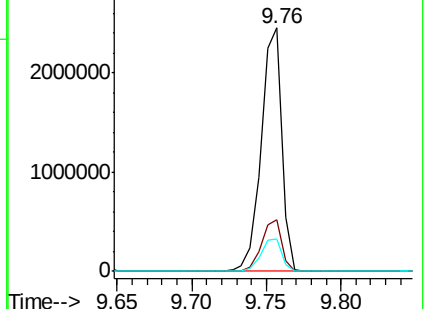
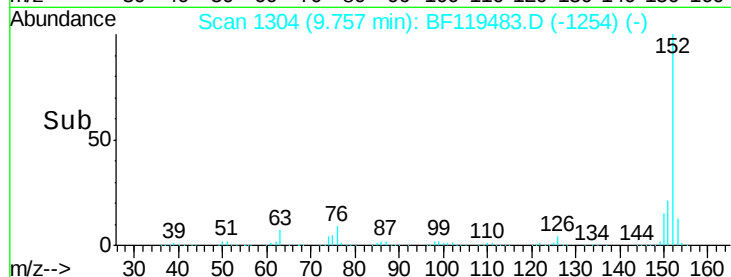
153 13.5 11.2 16.8



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

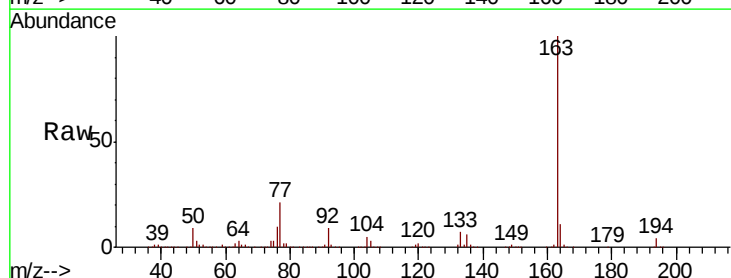
Tgt Ion:163 Resp: 1714051

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

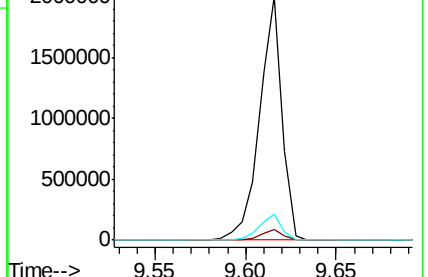
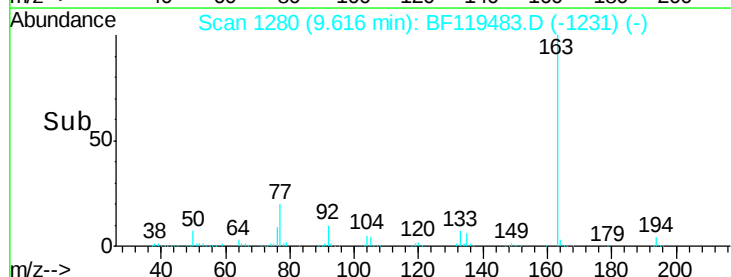
164 10.6 8.1 12.1

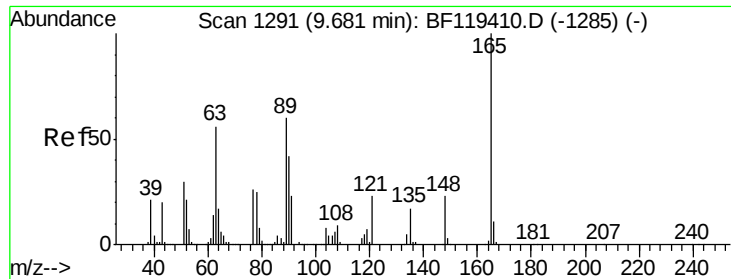


Abundance Ion 163.00 (162.70 to 163.70): E

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

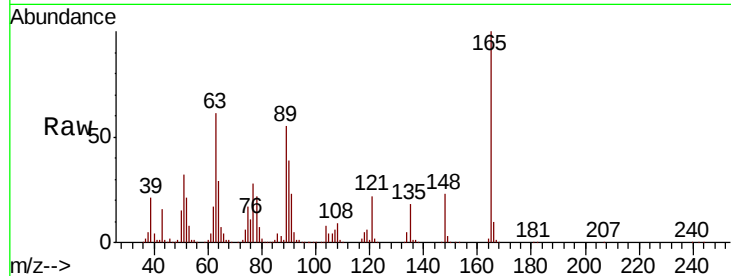
Tot Ion:165 Resp: 373617

Ion Ratio Lower Upper

165 100

63 60.8 57.3 85.9

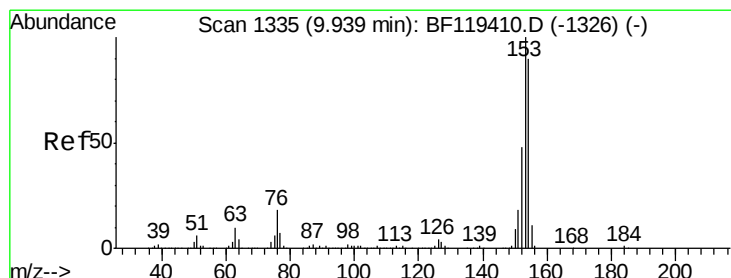
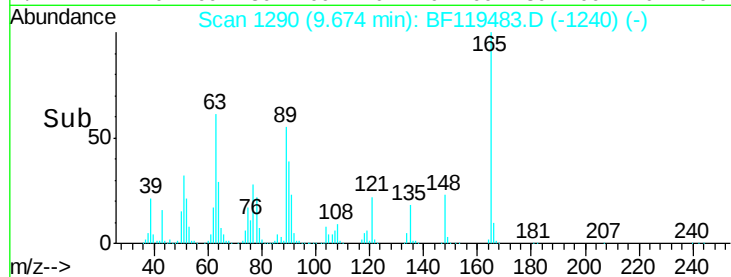
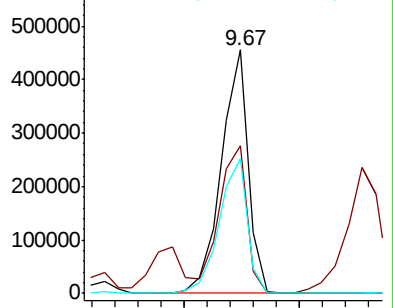
89 55.5 47.8 71.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 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

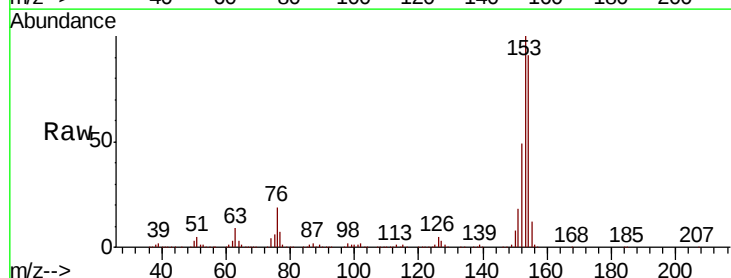
Tgt Ion:154 Resp: 1474380

Ion Ratio Lower Upper

154 100

153 109.8 89.0 133.6

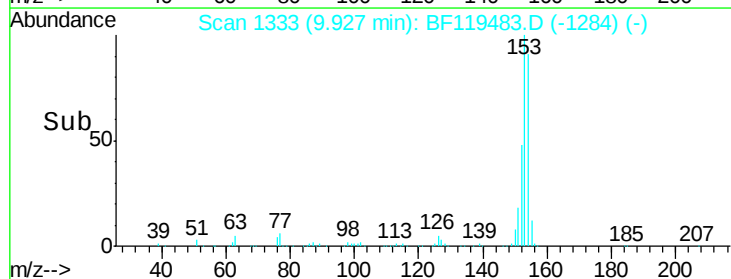
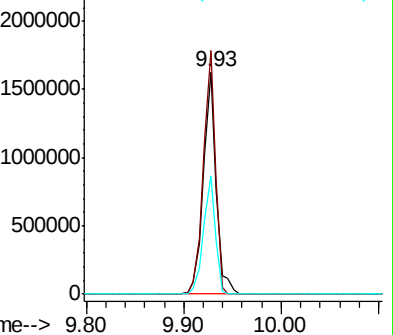
152 53.5 43.1 64.7

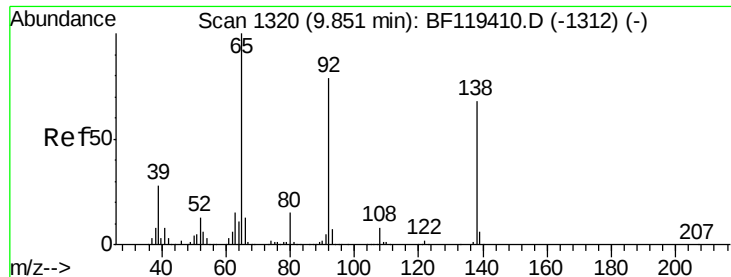


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

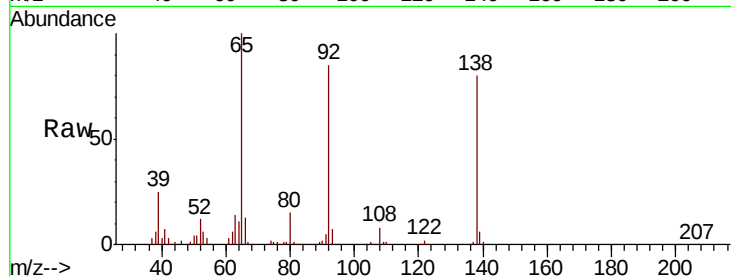




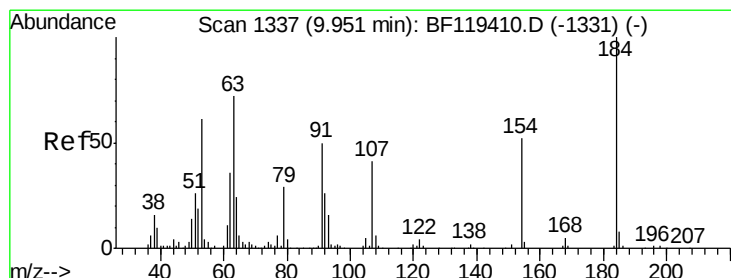
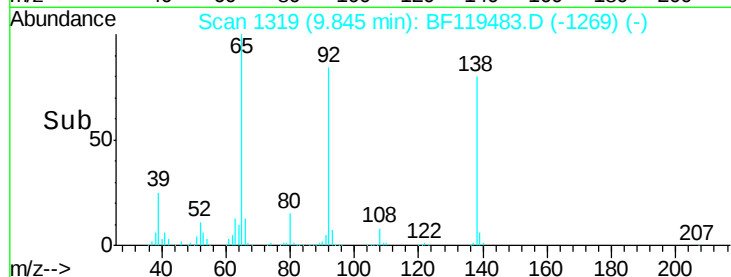
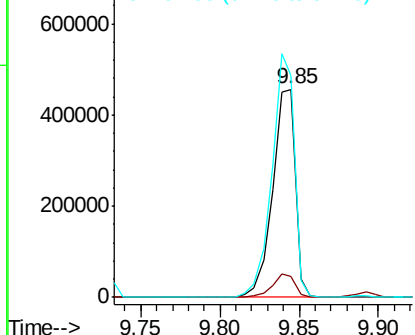
#53
3-Nitroaniline
Concen: 42.521 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 459202
Ion Ratio Lower Upper
138 100
108 10.2 9.0 13.6
92 106.3 93.2 139.8

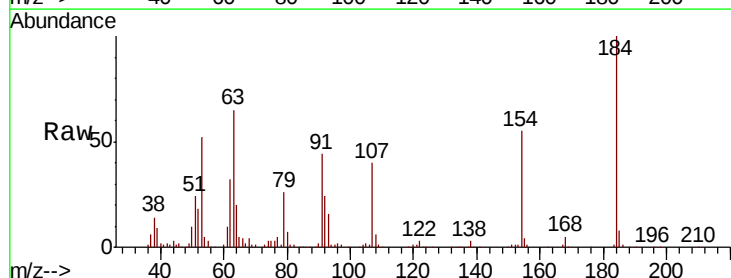


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

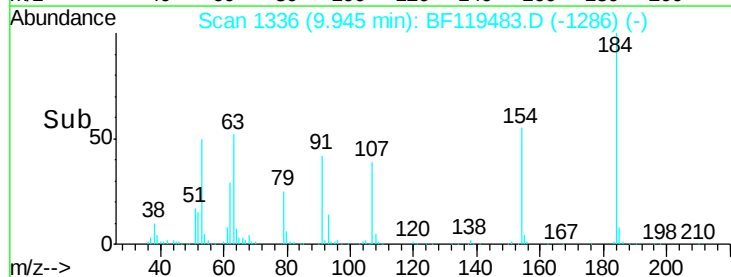
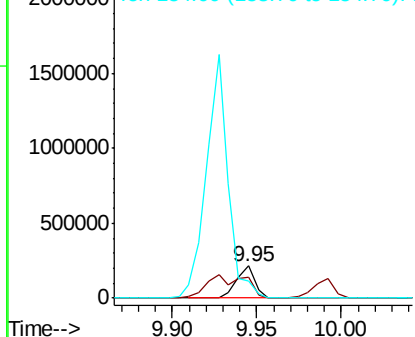


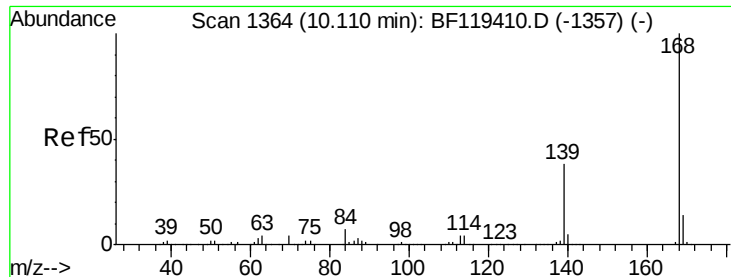
#54
2,4-Dinitrophenol
Concen: 47.216 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion:184 Resp: 162630
Ion Ratio Lower Upper
184 100
63 64.8 58.5 87.7
154 55.3 51.8 77.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

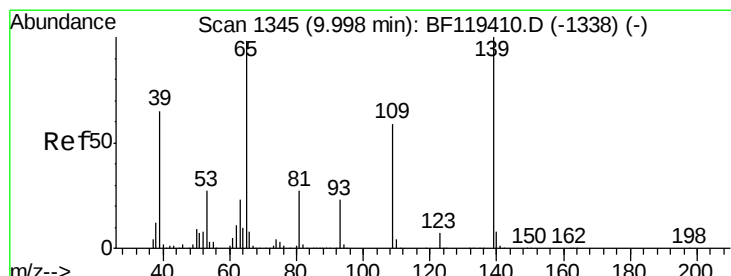
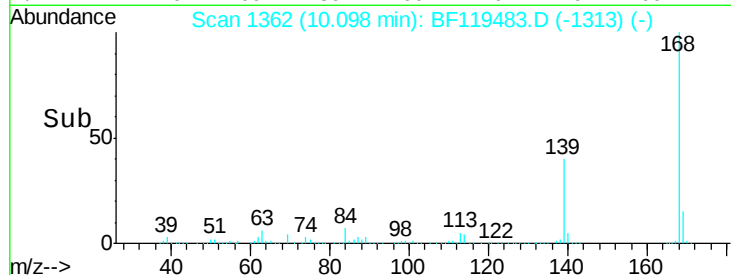
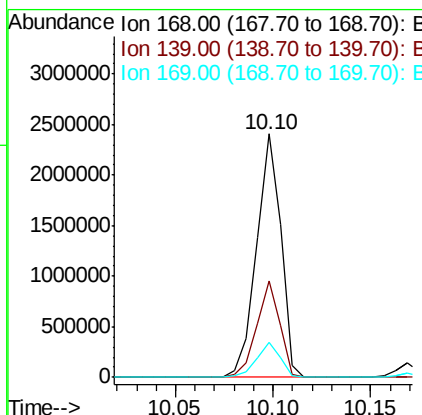
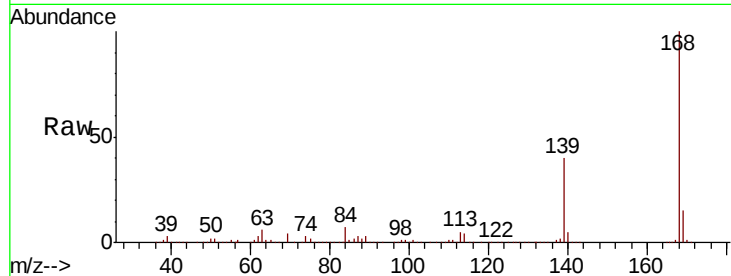




#55
Dibenzenofuran
Concen: 41.265 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

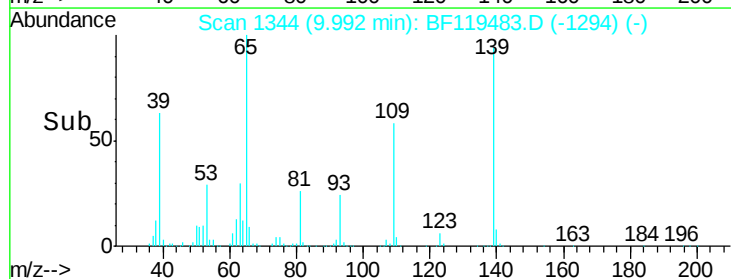
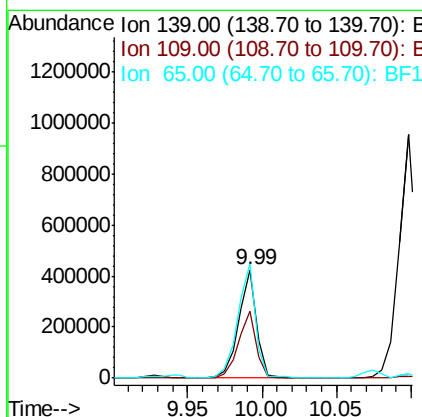
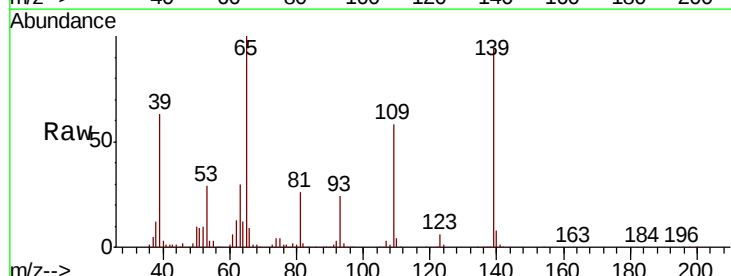
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

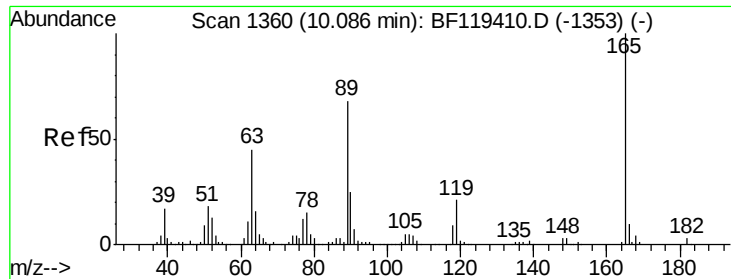
Tot Ion:168 Resp: 2076119
Ion Ratio Lower Upper
168 100
139 39.7 30.2 45.4
169 14.6 11.1 16.7



#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:139 Resp: 355951
Ion Ratio Lower Upper
139 100
109 61.8 39.6 79.6
65 105.9 78.3 118.3

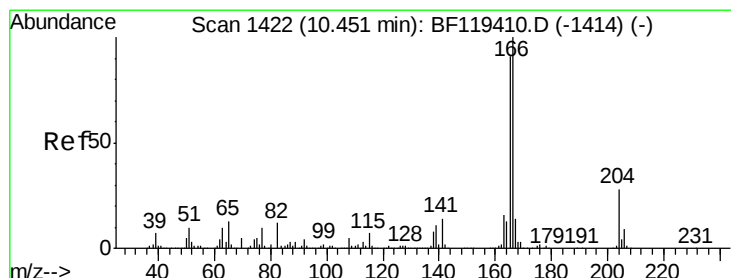
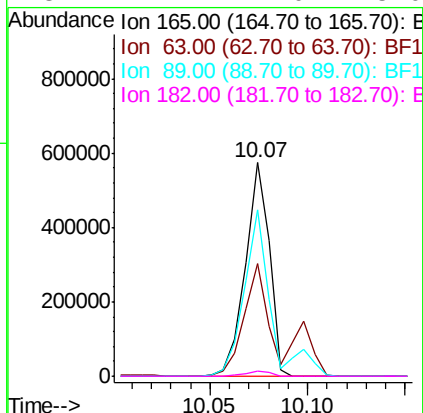
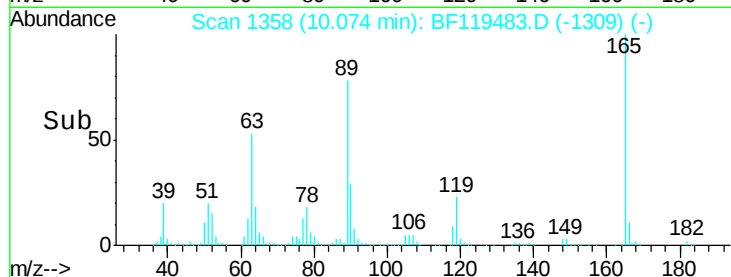
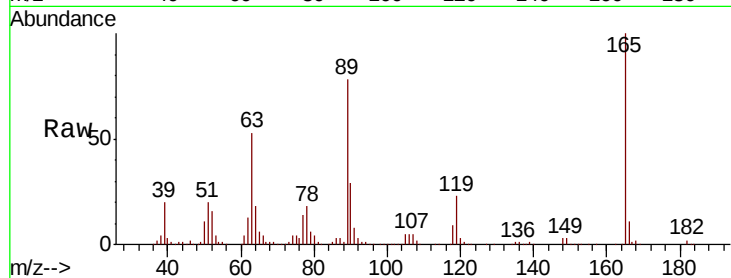




#57
2,4-Dinitrotoluene
Concen: 45.417 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

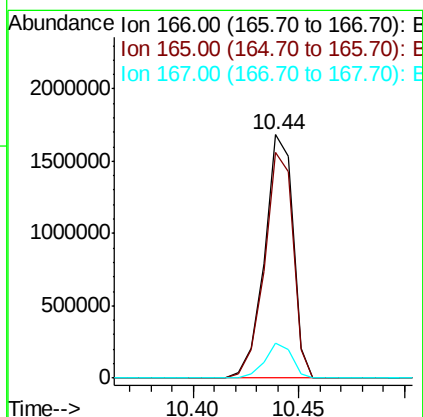
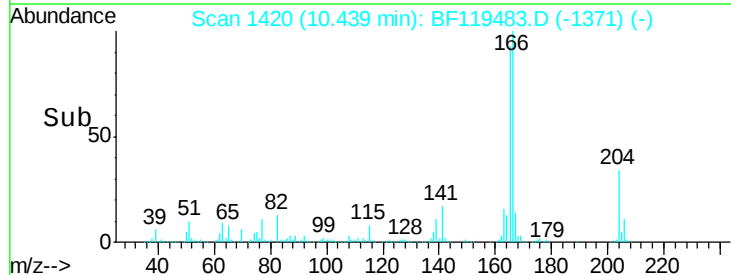
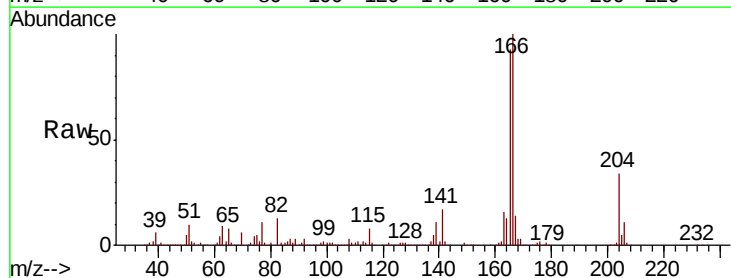
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

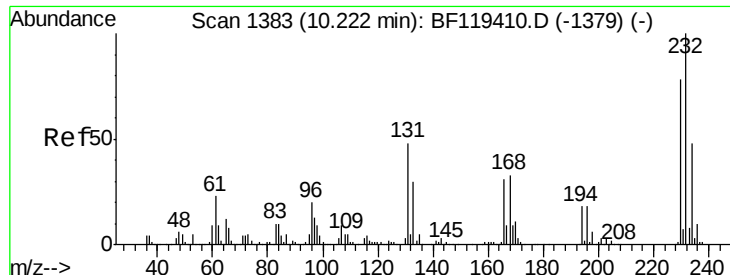
Tot Ion:165	Resp:	489414
Ion	Ratio	Lower Upper
165	100	
63	52.8	36.2 54.4
89	77.6	54.3 81.5
182	2.4	2.0 3.0



#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:166	Resp:	1577503
Ion	Ratio	Lower Upper
166	100	
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

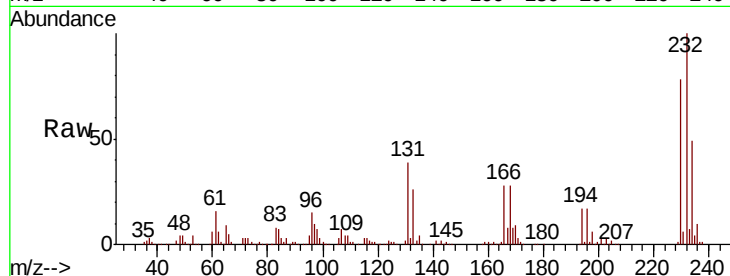
Ion Ratio Lower Upper

232 100

131 45.6 36.3 54.5

130 2.1 1.8 2.6

166 31.6 24.9 37.3

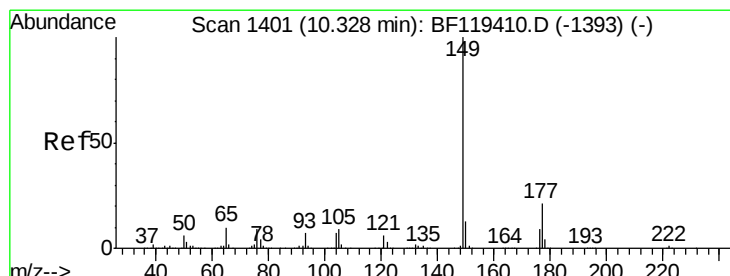
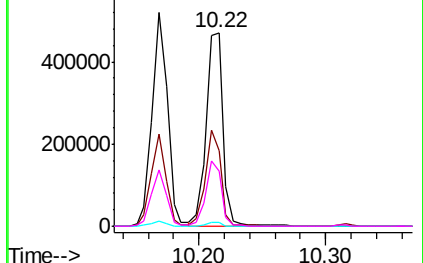
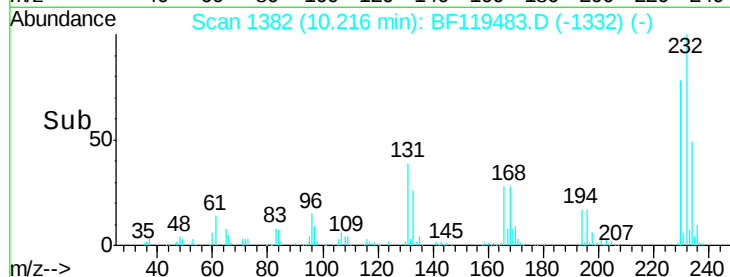


Abundance Ion 232.00 (231.70 to 232.70): E

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

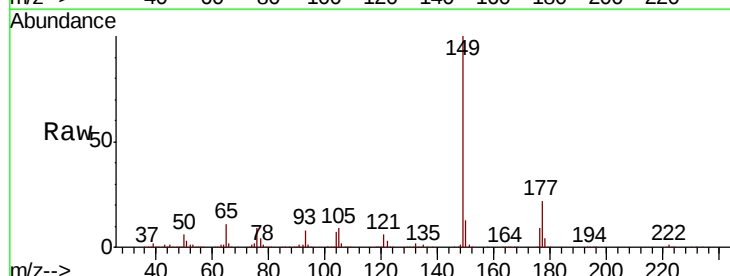
Tgt Ion:149 Resp: 1814045

Ion Ratio Lower Upper

149 100

177 21.7 17.0 25.6

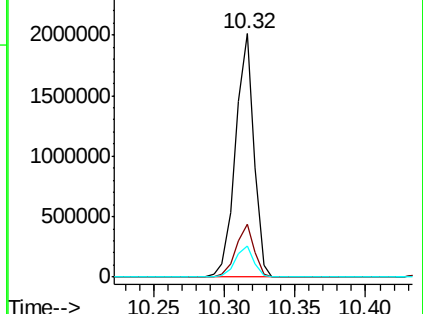
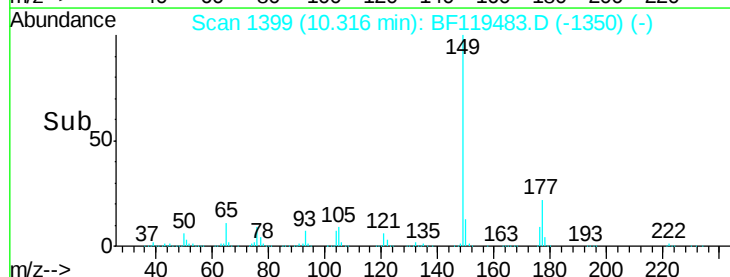
150 12.9 10.2 15.4

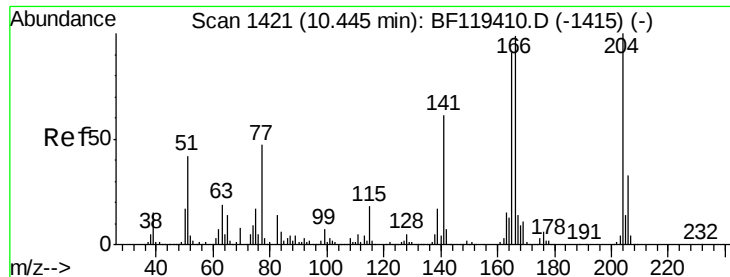


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

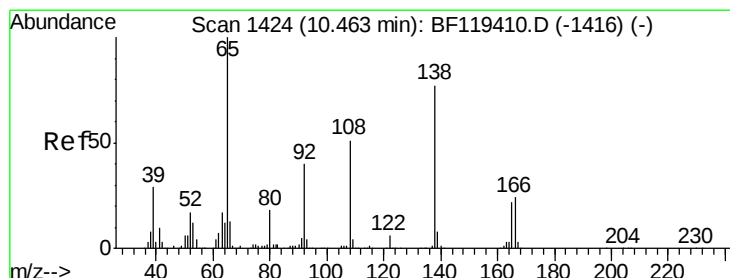
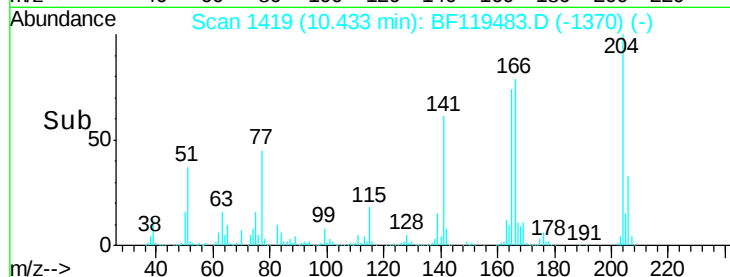
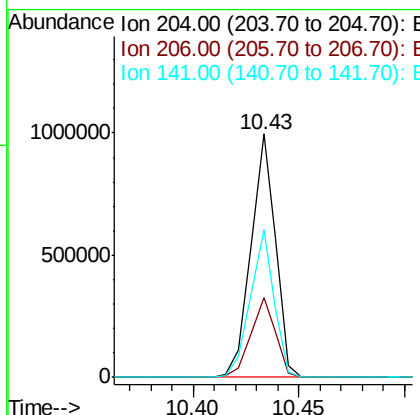
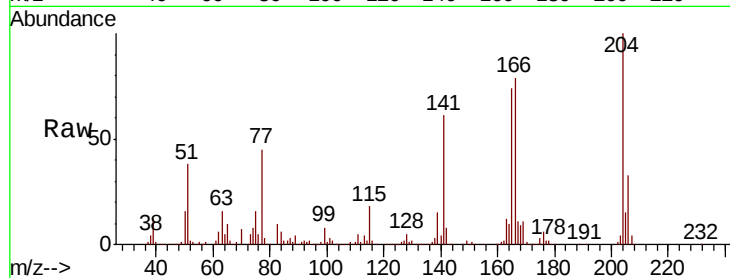




#61
 4-Chlorophenyl-phenylether
 Concen: 44.277 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

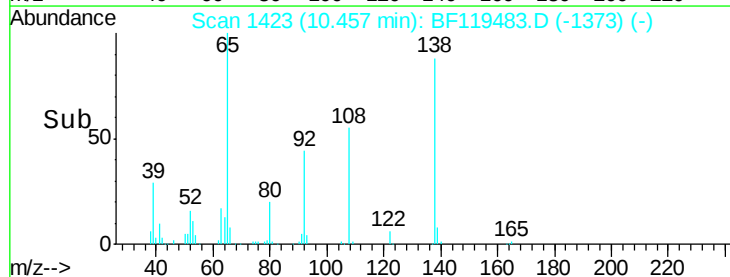
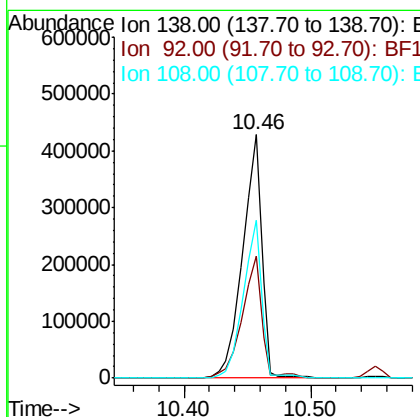
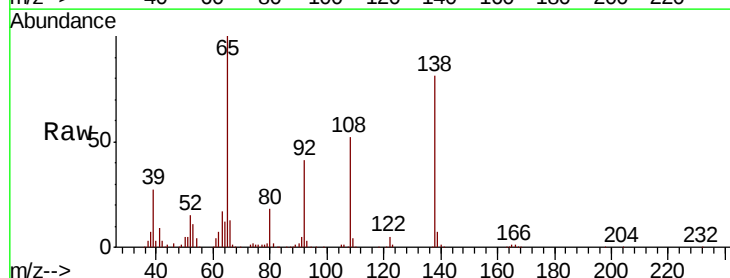
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

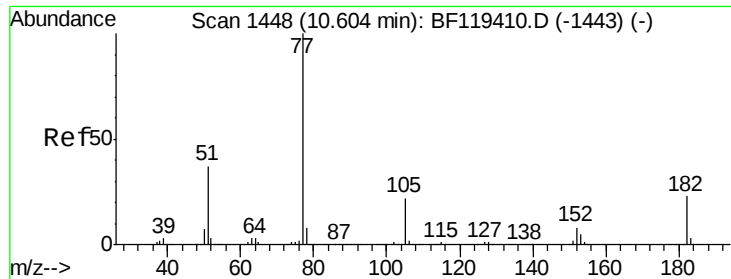
Tot Ion:204 Resp: 805564
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.7 40.1
 141 60.7 48.8 73.2



#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

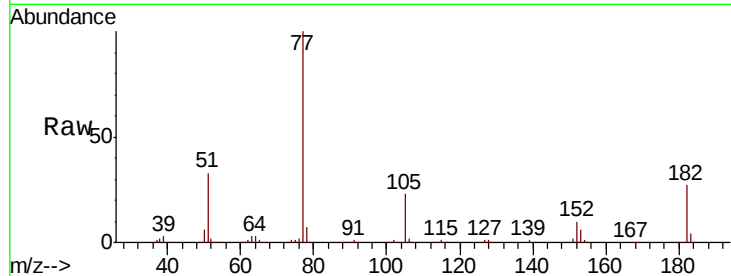
Ion Ratio Lower Upper

77 100

182 27.0 2.5 42.5

105 23.1 2.5 42.5

51 33.5 17.1 57.1

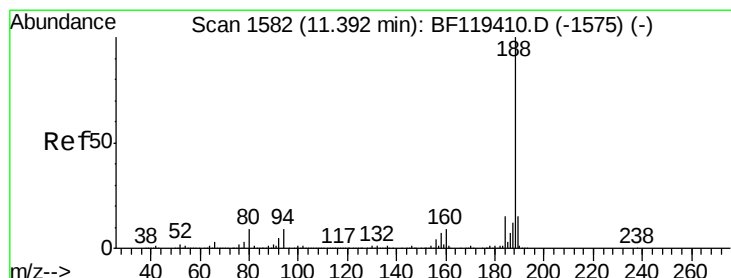
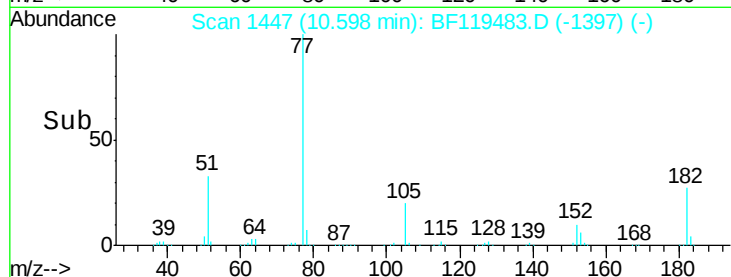
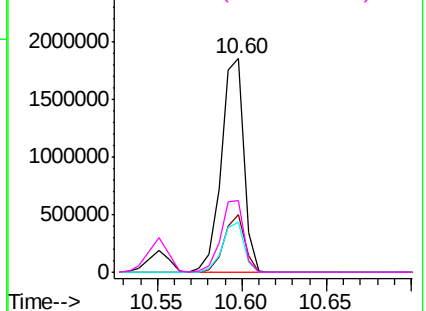


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

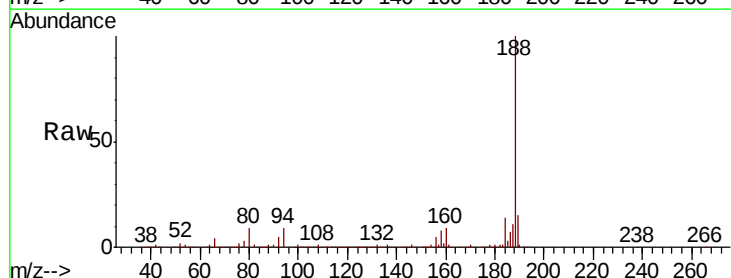
Tgt Ion: 188 Resp: 1106603

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

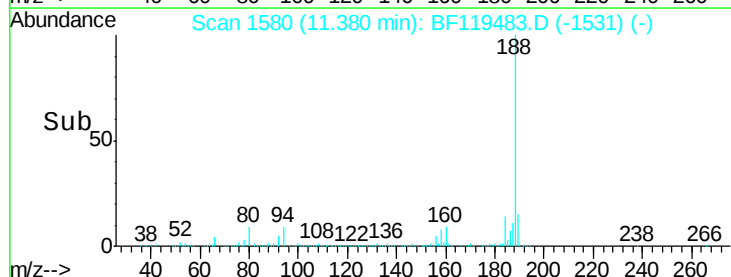
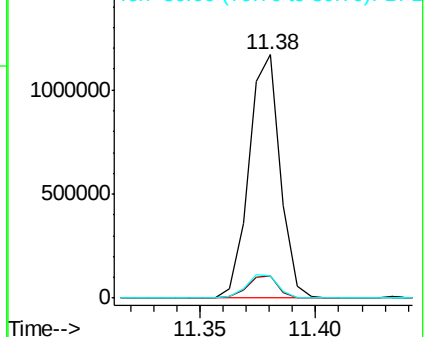
80 9.1 7.5 11.3

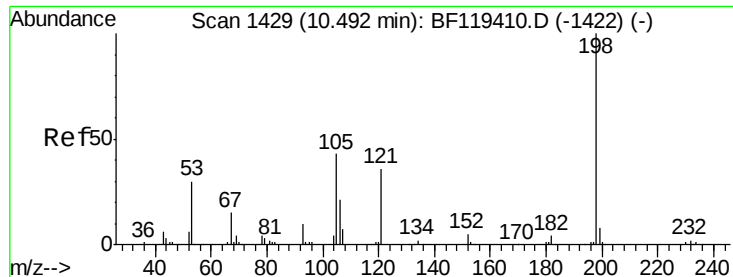


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

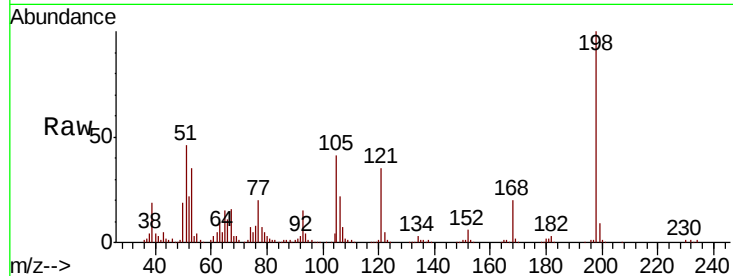




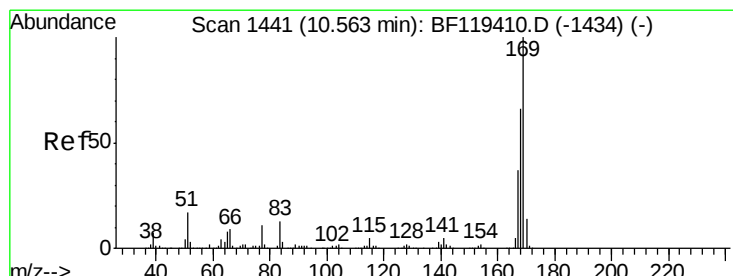
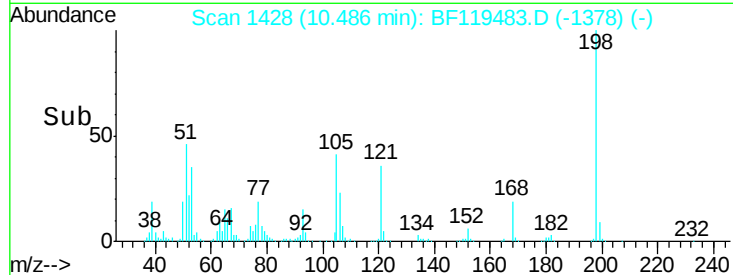
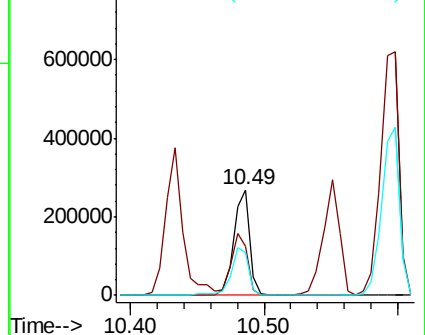
#65
4,6-Dinitro-2-methylphenol
Concen: 49.102 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

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

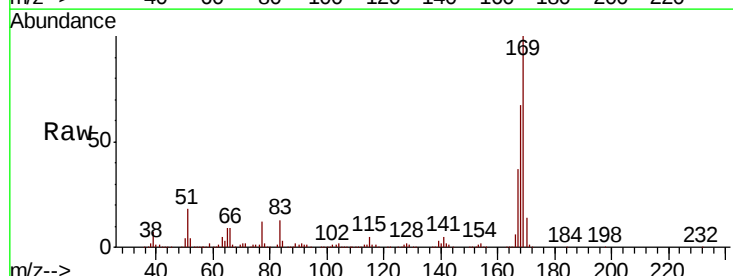


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

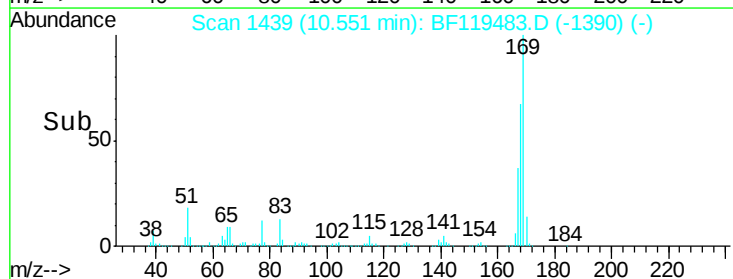
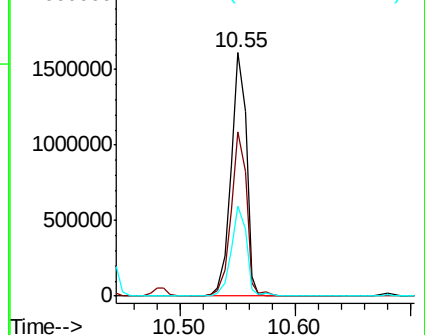


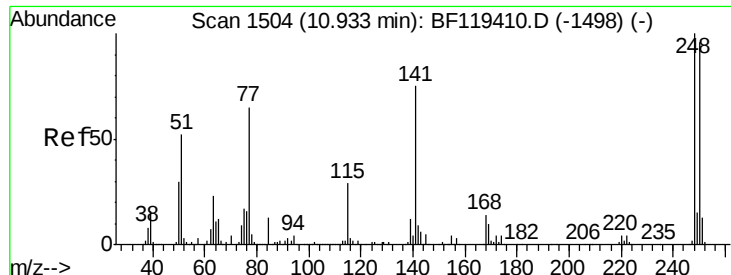
#66
n-Nitrosodiphenylamine
Concen: 40.713 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

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



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

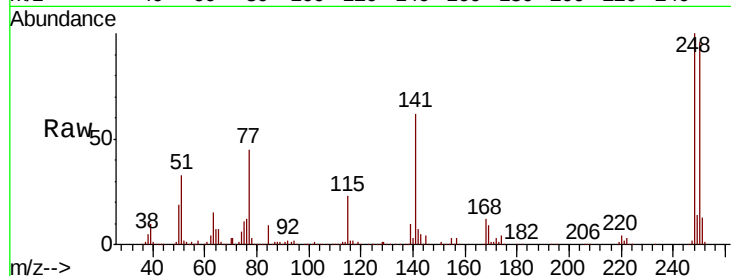




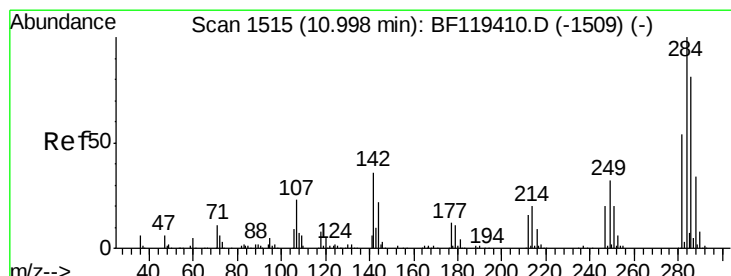
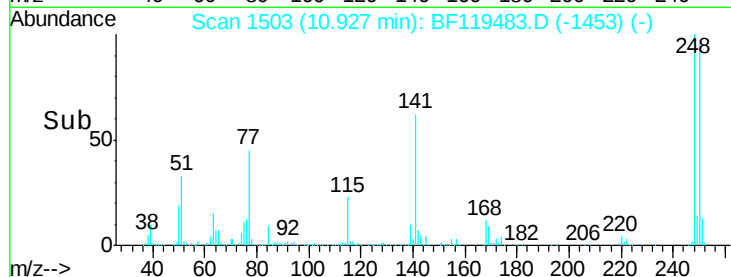
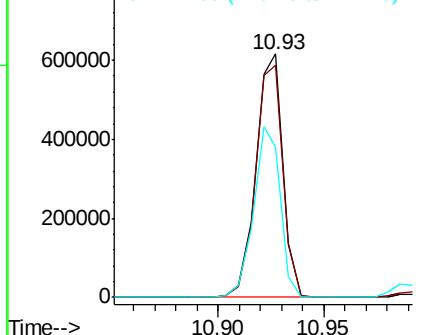
#67
 4-Bromophenyl-phenylether
 Concen: 43.385 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 546775
 Ion Ratio Lower Upper
 248 100
 250 95.5 77.0 115.6
 141 61.6 59.7 89.5

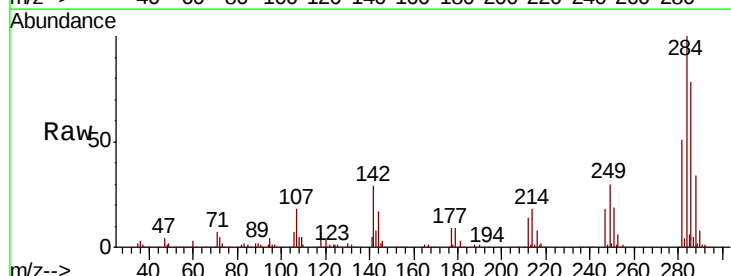


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

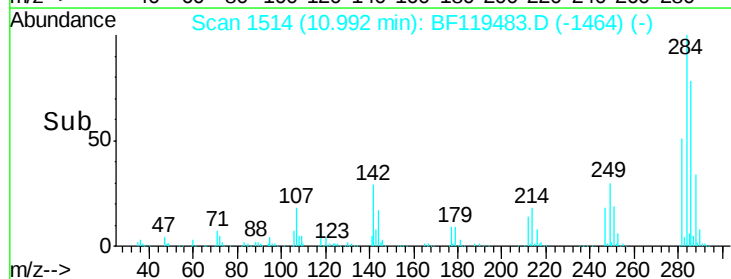
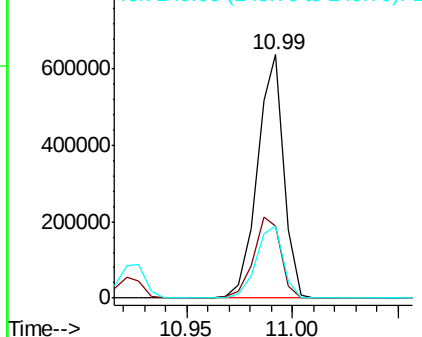


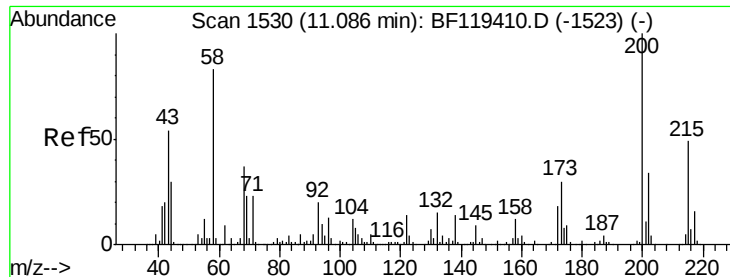
#68
 Hexachlorobenzene
 Concen: 42.876 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Tgt Ion:284 Resp: 553051
 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

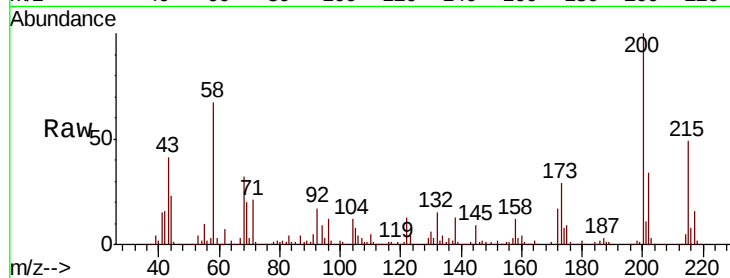
Tot Ion:200 Resp: 436013

Ion Ratio Lower Upper

200 100

173 28.7 9.9 49.9

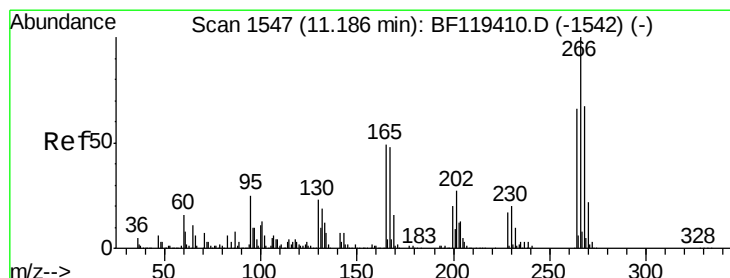
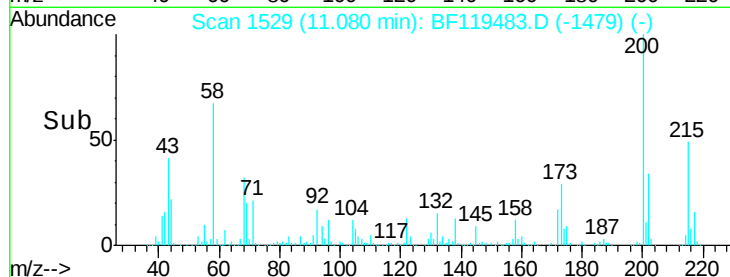
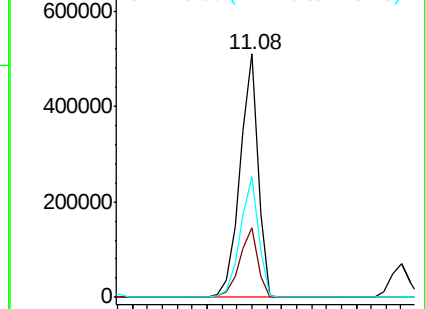
215 49.5 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 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

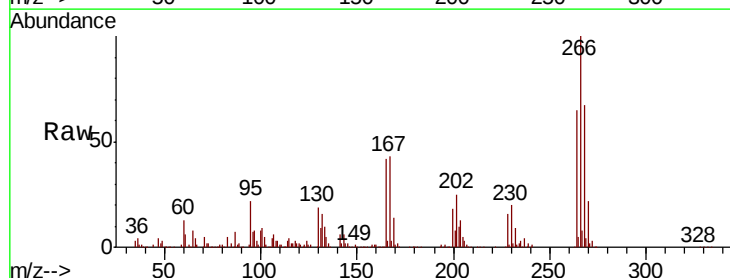
Tgt Ion:266 Resp: 341899

Ion Ratio Lower Upper

266 100

268 66.6 53.7 80.5

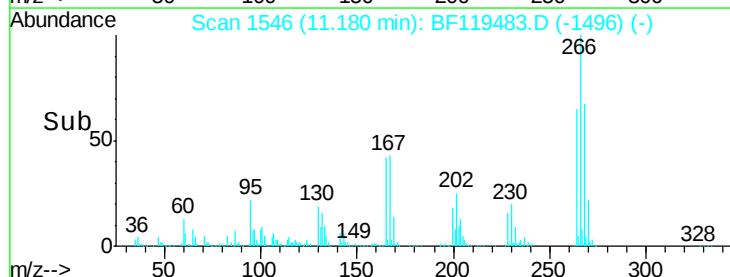
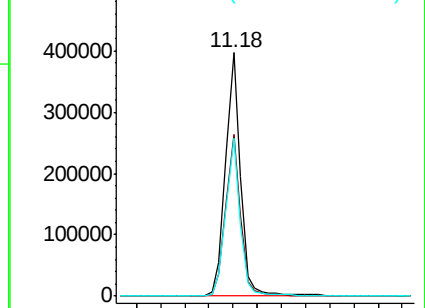
264 64.9 52.5 78.7

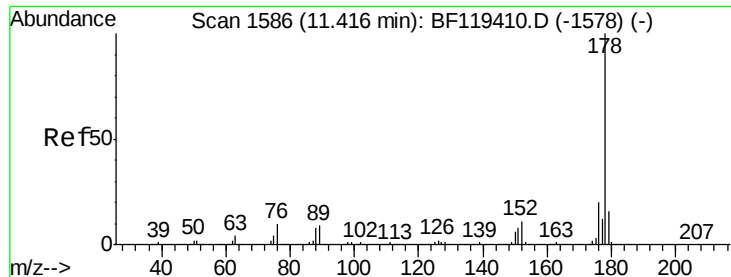


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

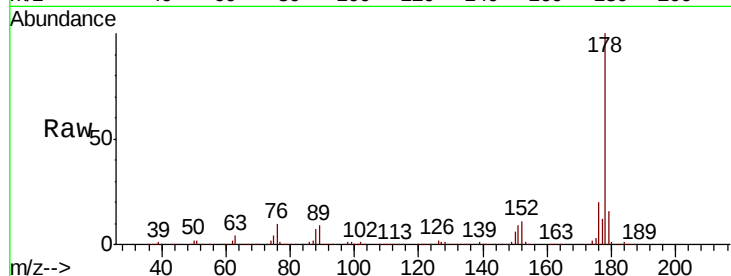




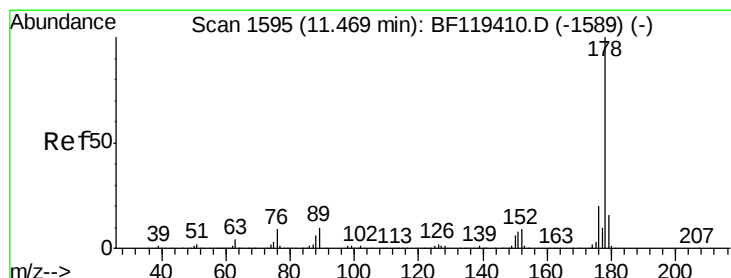
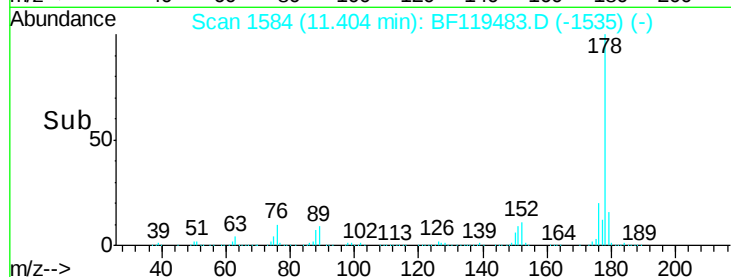
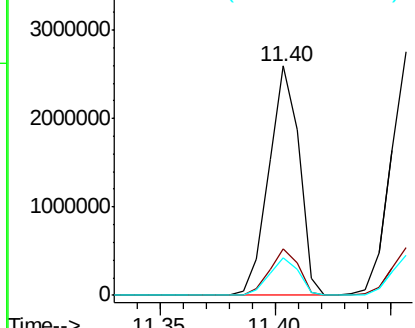
#71
Phenanthrene
Concen: 41.193 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 2363681
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.3 12.9 19.3

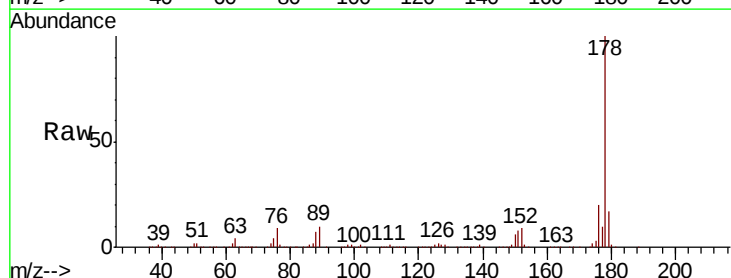


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

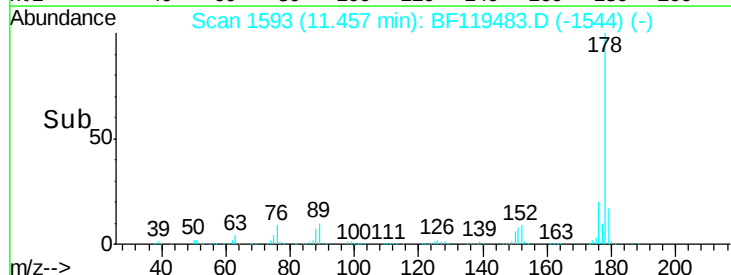
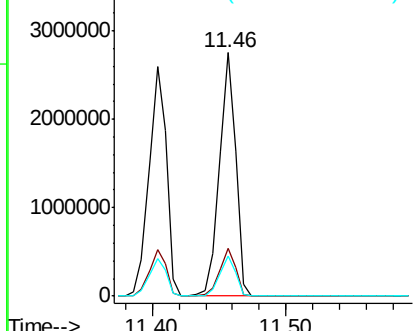


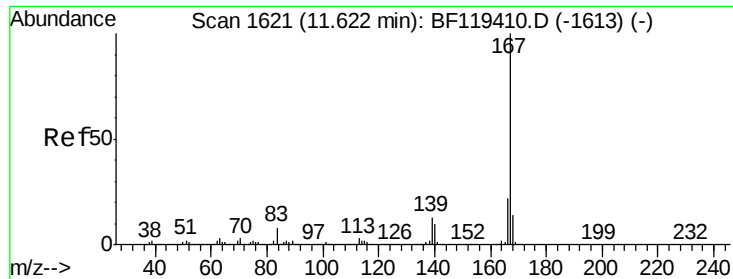
#72
Anthracene
Concen: 40.978 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion:178 Resp: 2389738
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.7 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



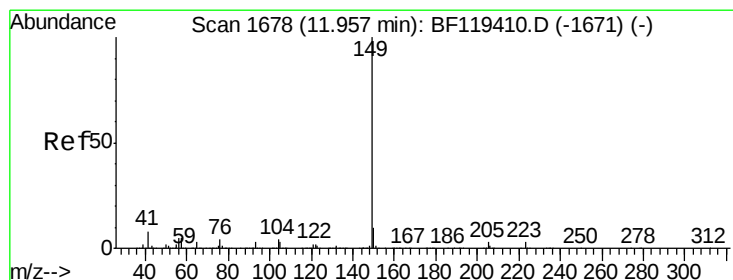
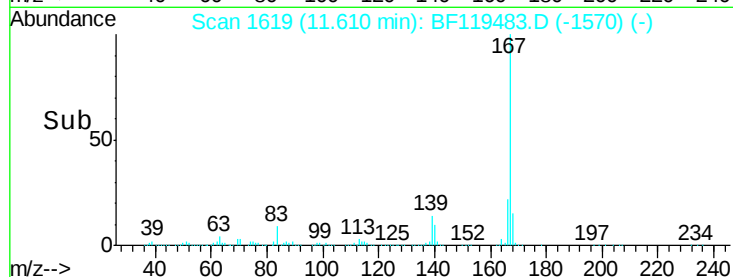
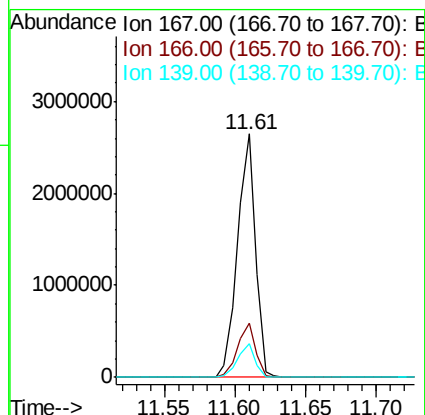
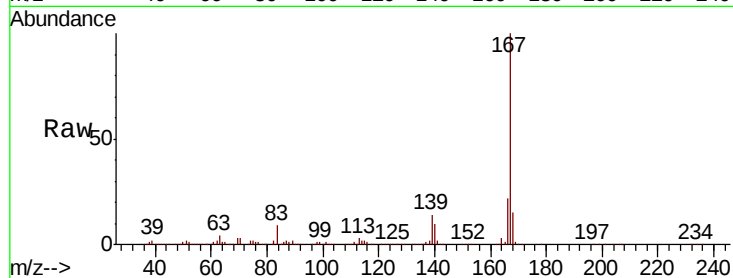


#73
 Carbazole
 Concen: 40.689 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 2348729

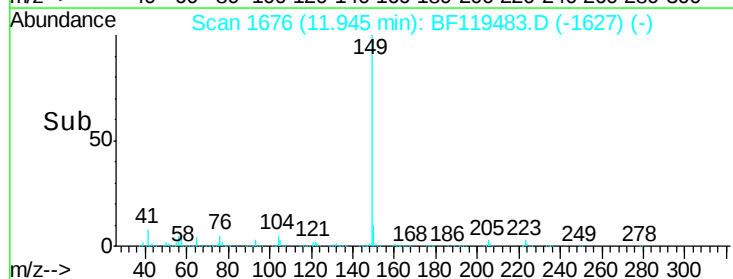
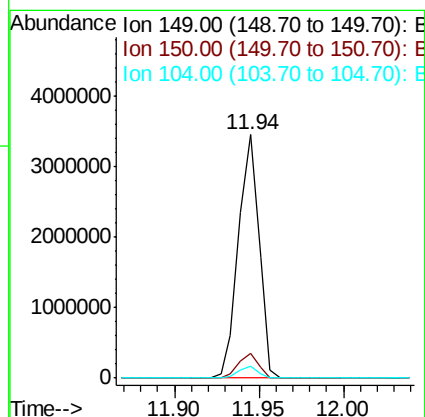
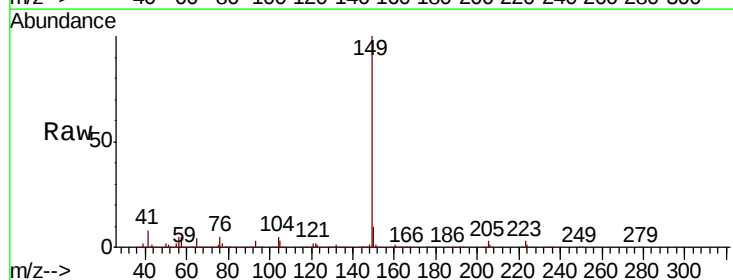
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.8	10.2	15.4

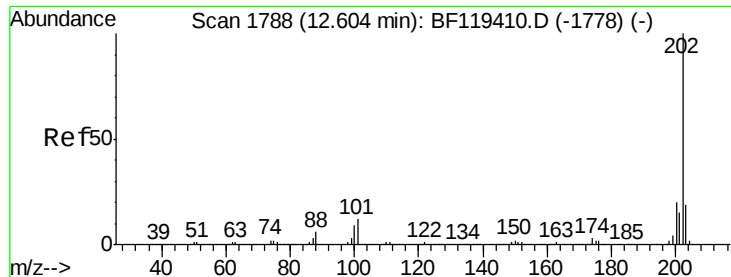


#74
 Di-n-butylphthalate
 Concen: 47.458 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119483.D
 Acq: 24 Mar 2020 9:11

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

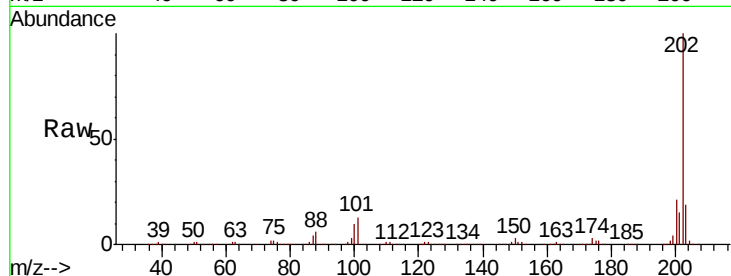




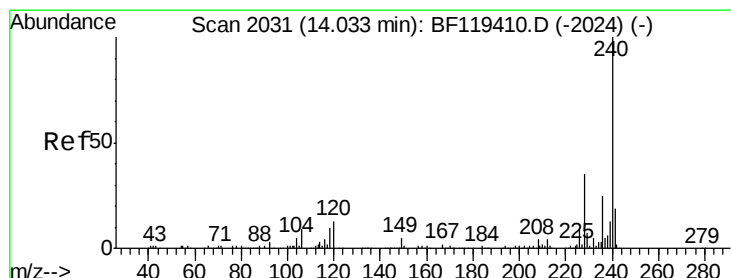
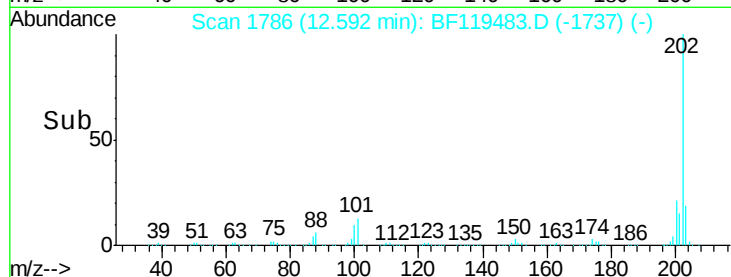
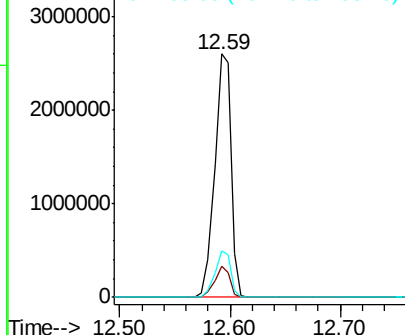
#75
Fluoranthene
Concen: 42.563 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 2643116
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.4
203 18.8 0.0 38.5

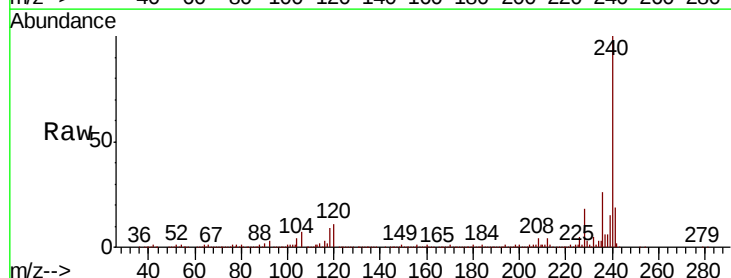


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

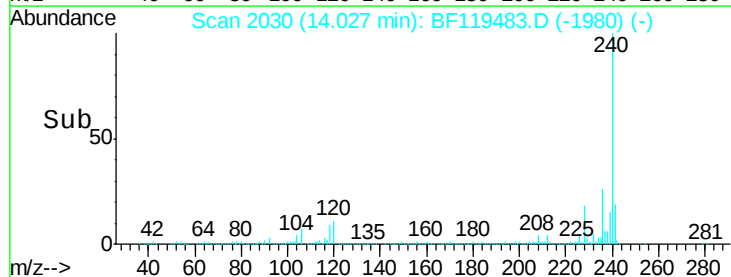
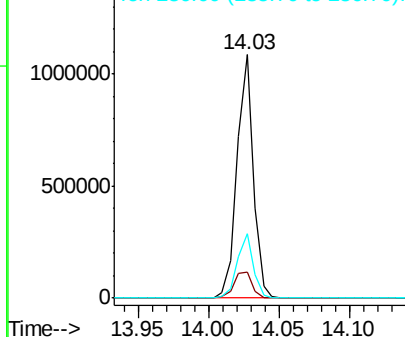


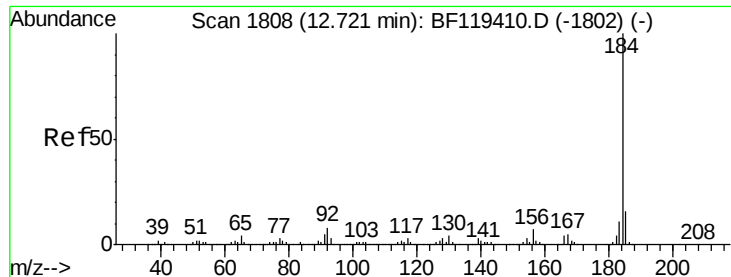
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion:240 Resp: 874616
Ion Ratio Lower Upper
240 100
120 10.8 10.2 15.4
236 26.5 20.4 30.6



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





#77

Benzidine

Concen: 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 :

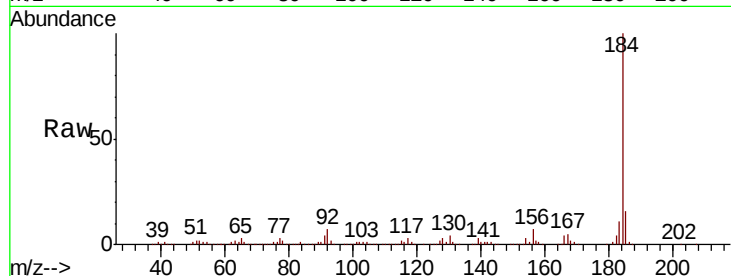
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1333560

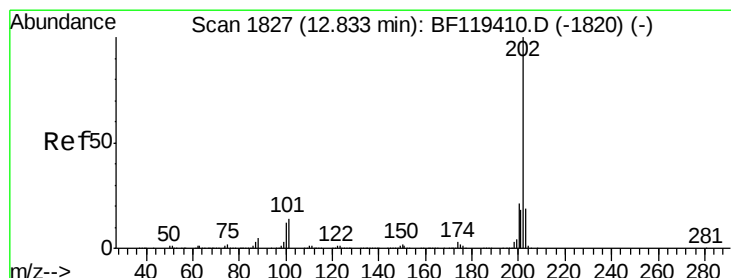
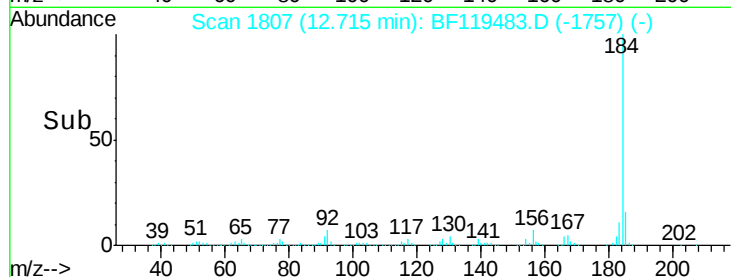
Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.9	19.3
183	11.2	9.0	13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.867 ng

RT: 12.83 min Scan# 1826

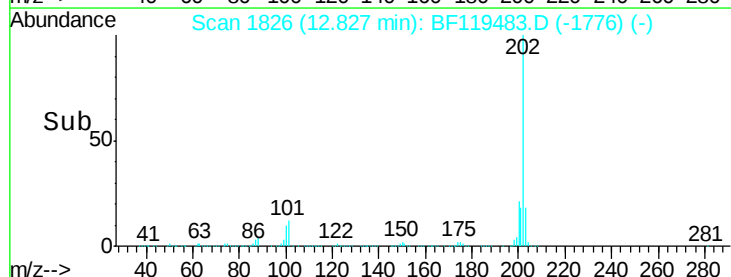
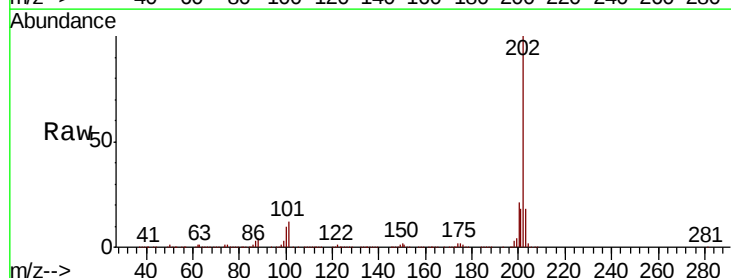
Delta R.T. -0.01 min

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

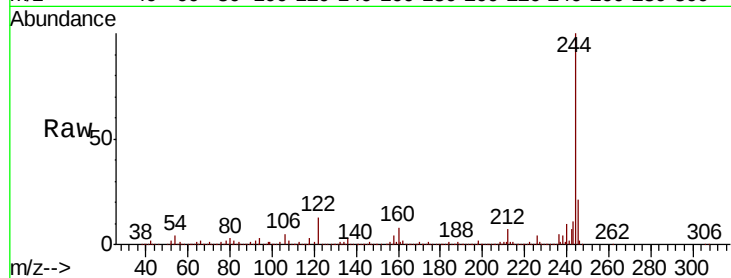
Tot Ion:244 Resp: 3570739

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

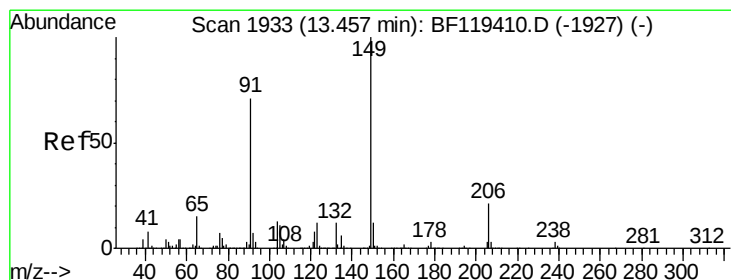
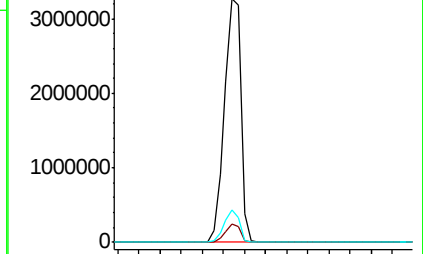
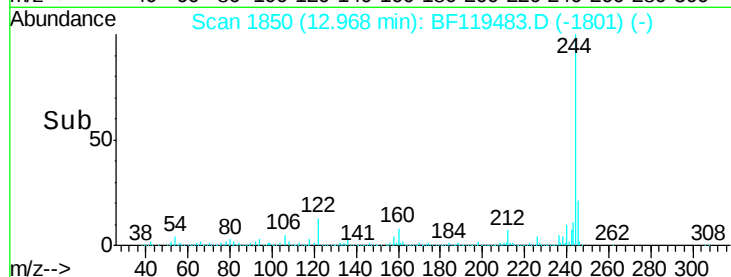
122 13.5 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#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

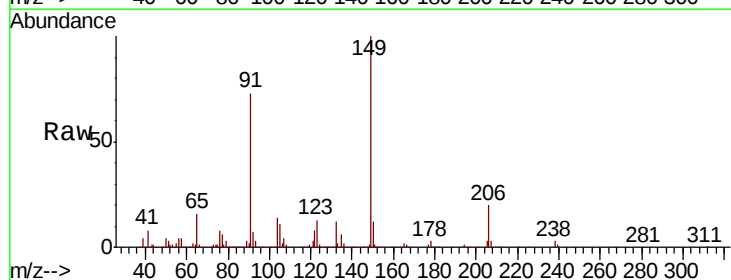
Tgt Ion:149 Resp: 1352683

Ion Ratio Lower Upper

149 100

91 73.0 57.0 85.6

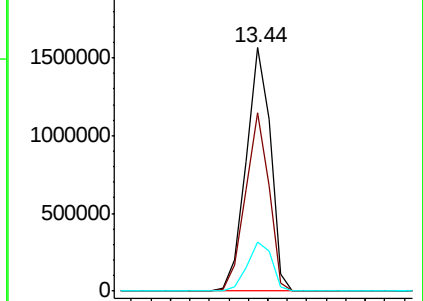
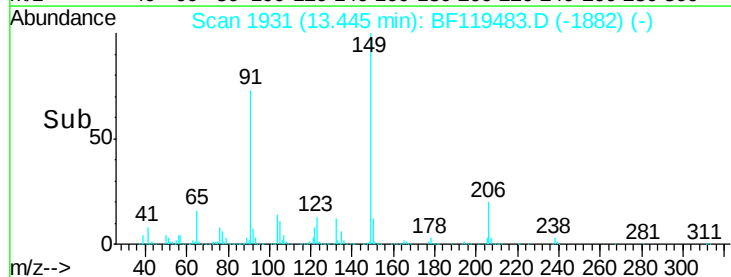
206 20.3 16.4 24.6

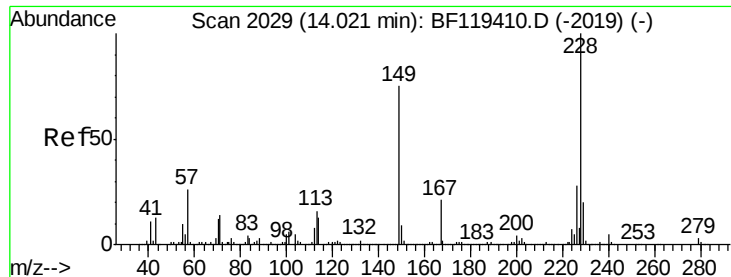


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

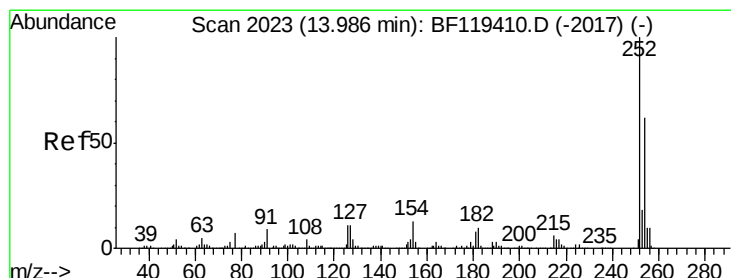
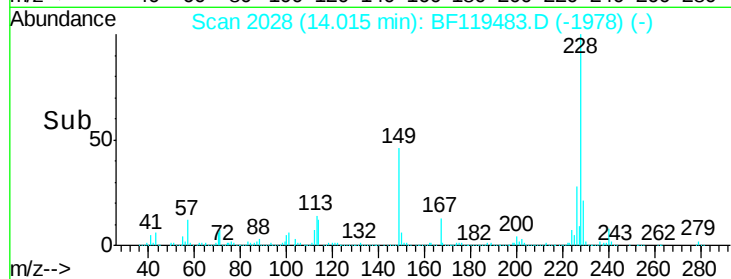
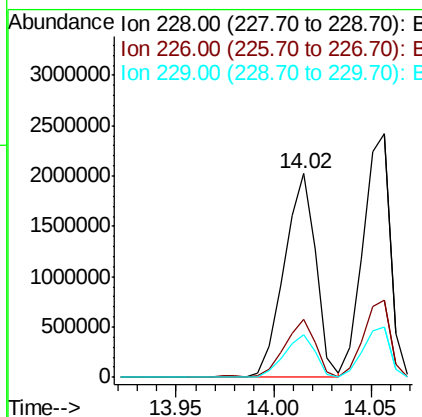
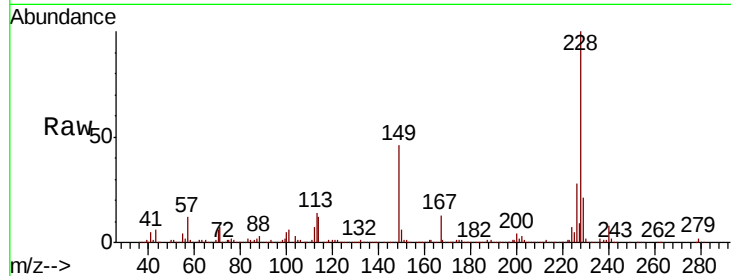




#81
Benzo(a)anthracene
Concen: 39.649 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

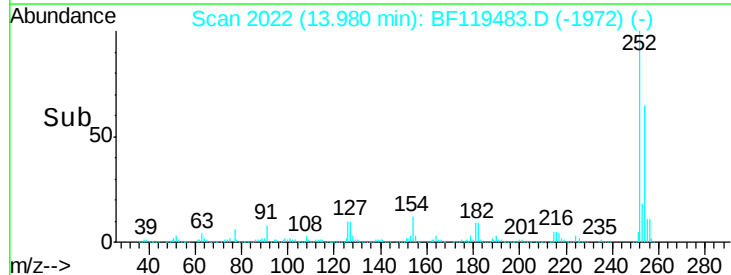
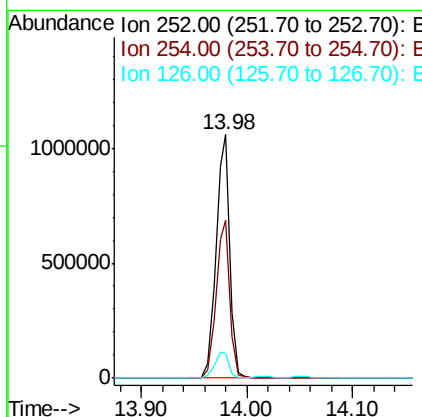
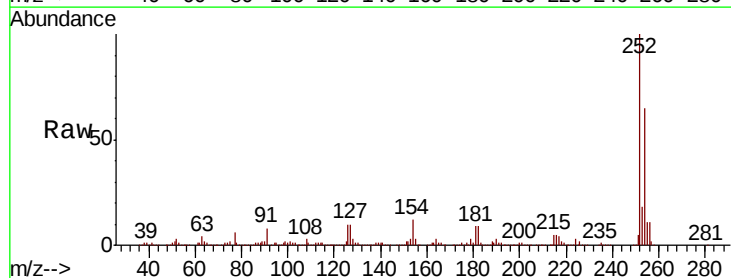
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

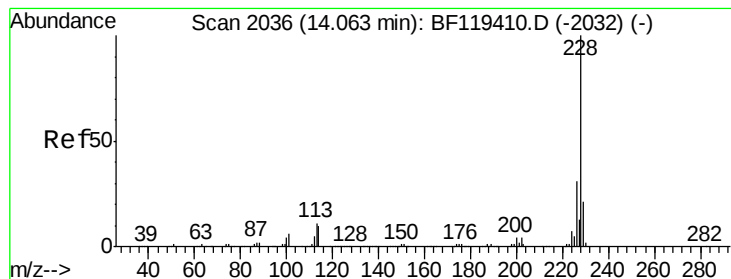
Tot Ion:228 Resp: 2255012
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 20.8 16.3 24.5



#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





#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

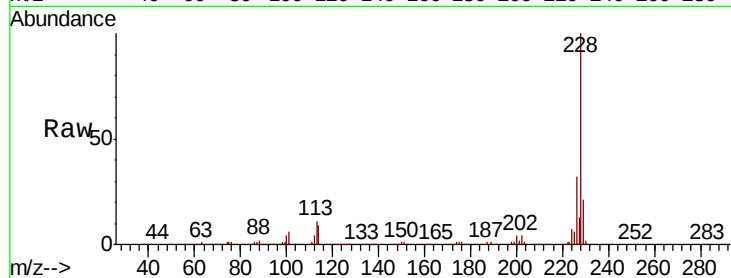
Tot Ion:228 Resp: 2337850

Ion Ratio Lower Upper

228 100

226 31.9 24.8 37.2

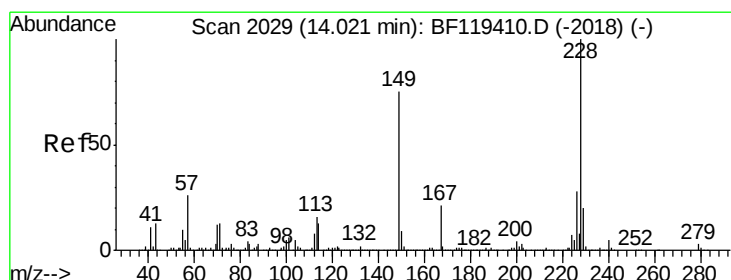
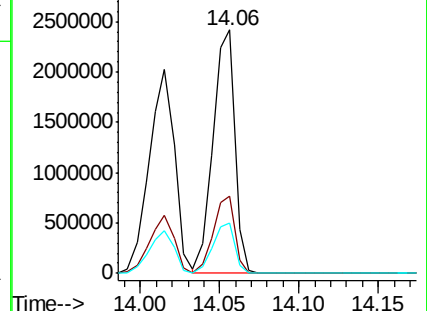
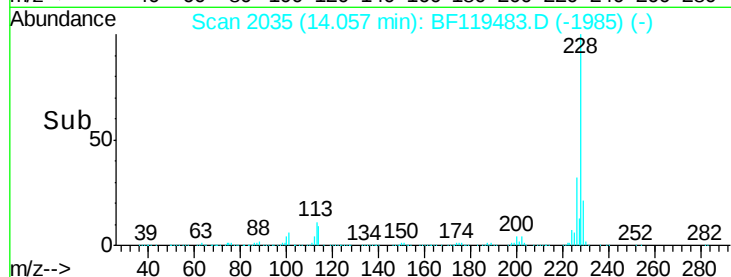
229 20.6 16.6 25.0



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



#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

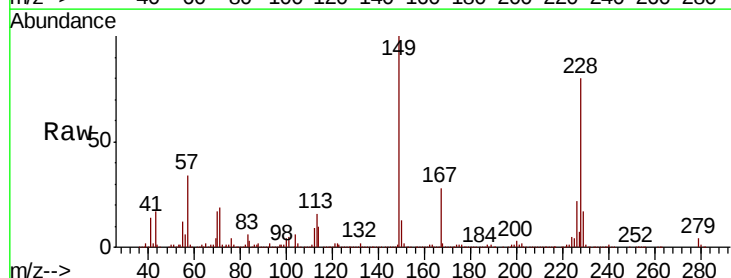
Tgt Ion:149 Resp: 1824136

Ion Ratio Lower Upper

149 100

167 28.4 22.0 33.0

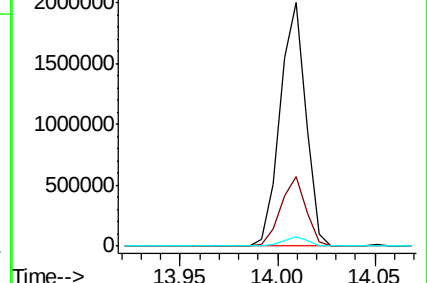
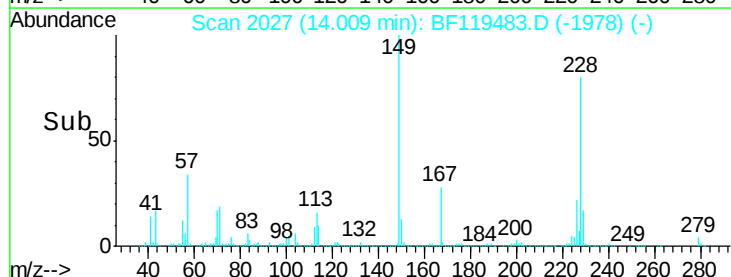
279 4.0 3.2 4.8

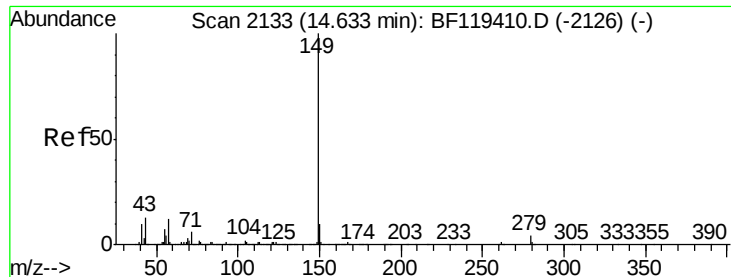


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#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

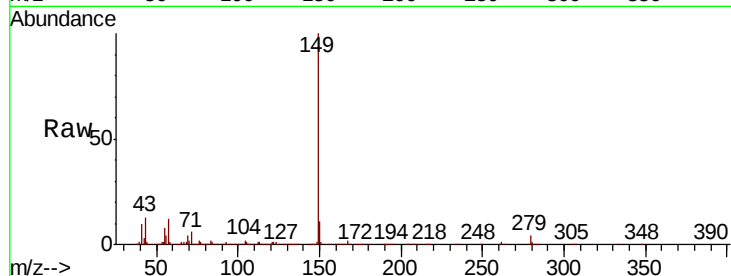
Tot Ion:149 Resp: 3323231

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

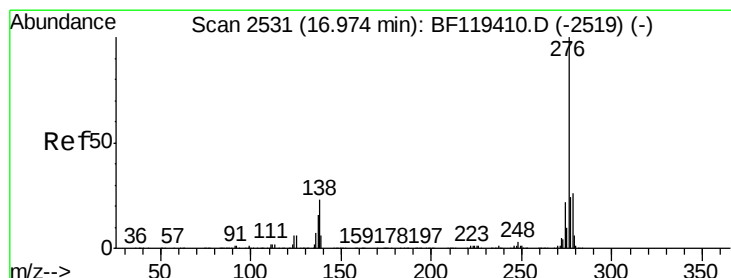
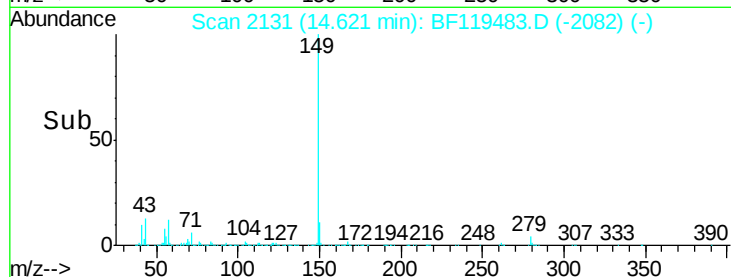
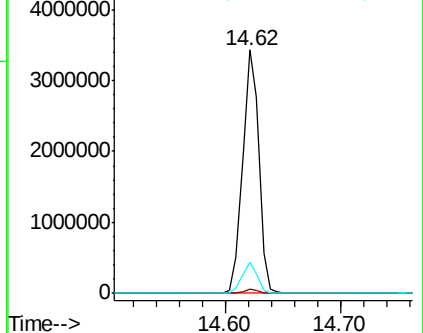
43 11.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 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

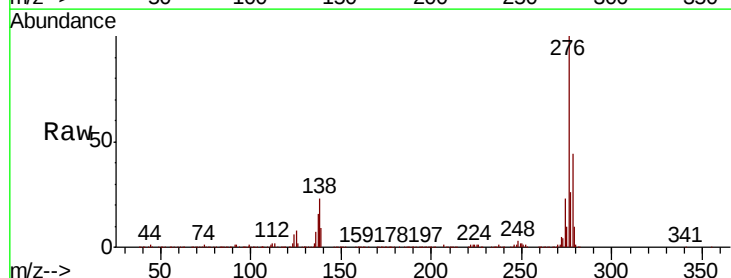
Tgt Ion:276 Resp: 2413109

Ion Ratio Lower Upper

276 100

138 24.8 21.3 31.9

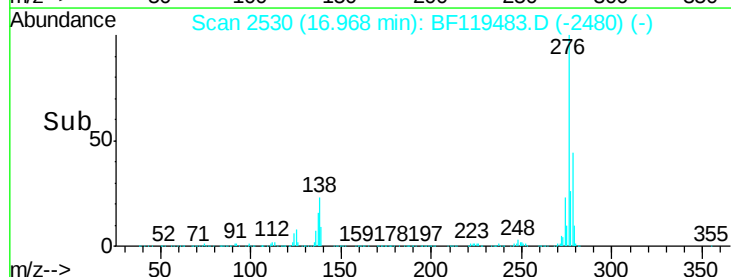
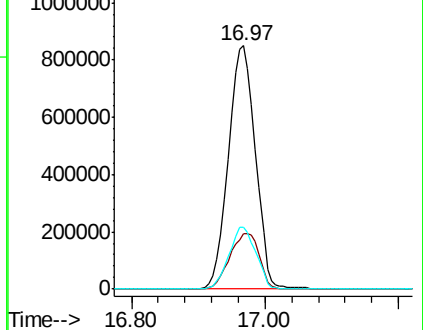
277 25.5 20.2 30.2

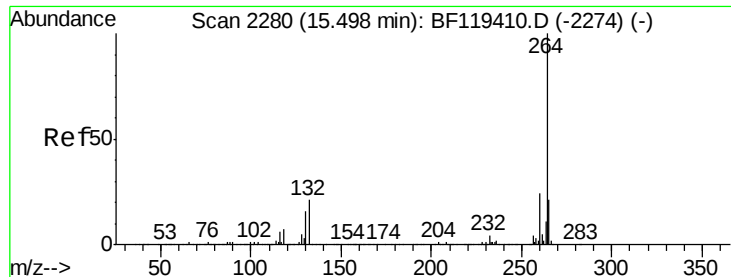


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



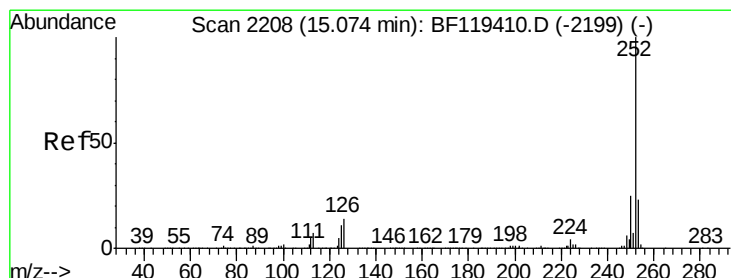
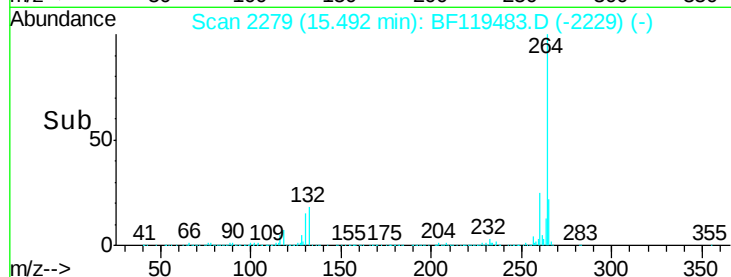
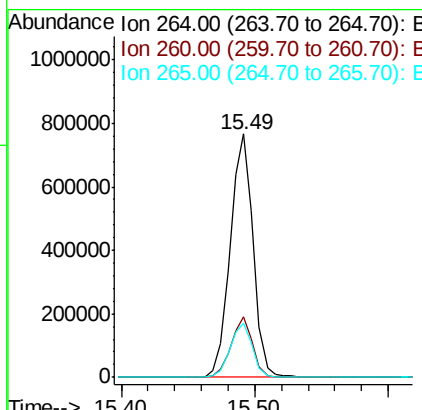
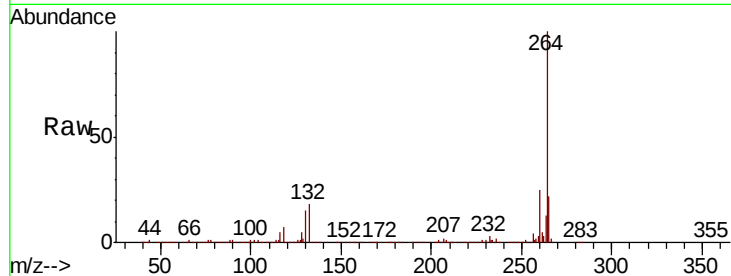


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 918853

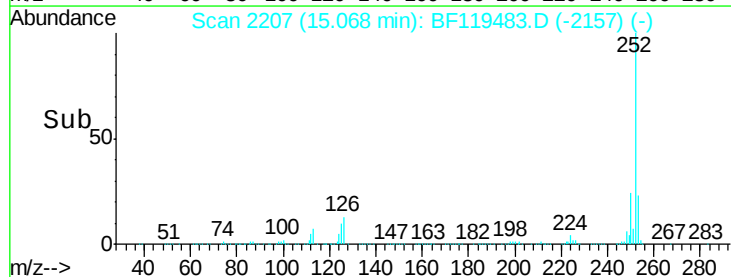
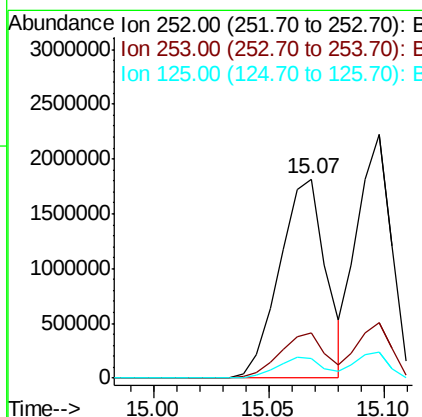
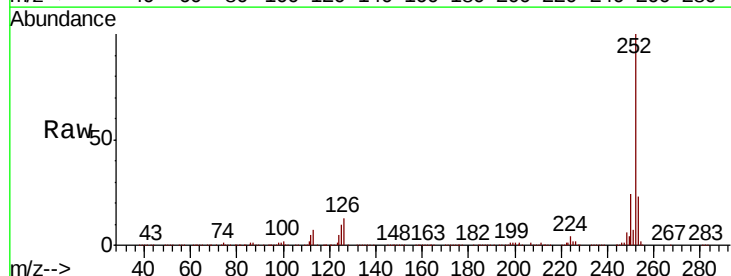
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.1	16.9	25.3

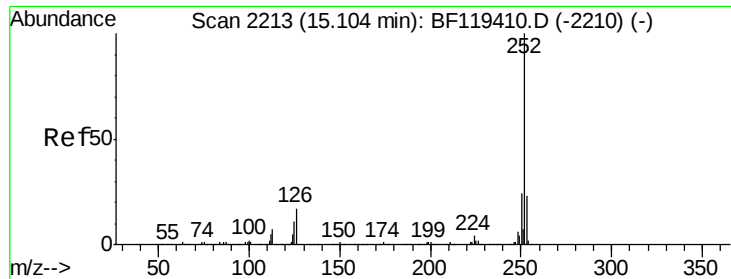


#88
Benzo(b)fluoranthene
Concen: 41.278 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

Tgt Ion:252 Resp: 2533641

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

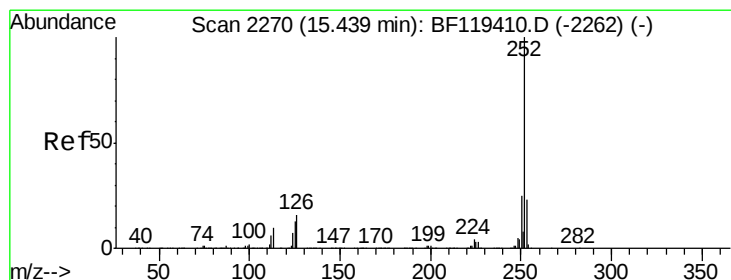
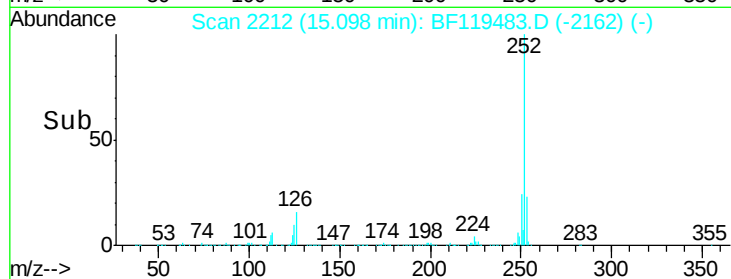
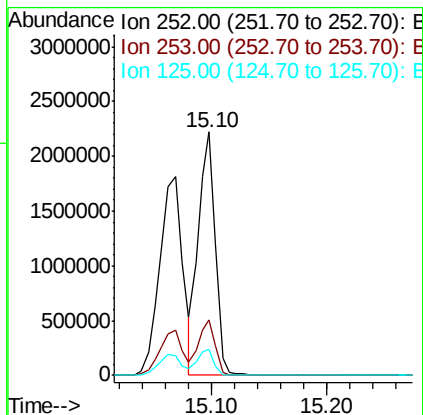
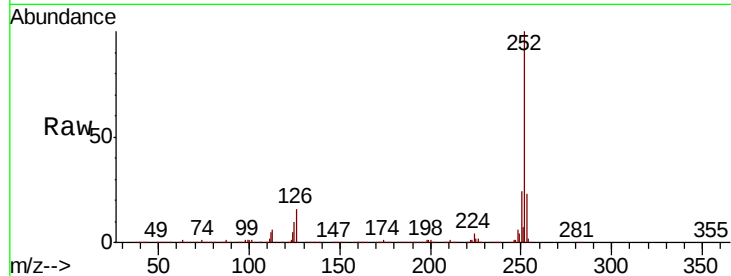




#89
Benzo(k)fluoranthene
Concen: 39.376 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119483.D
Acq: 24 Mar 2020 9:11

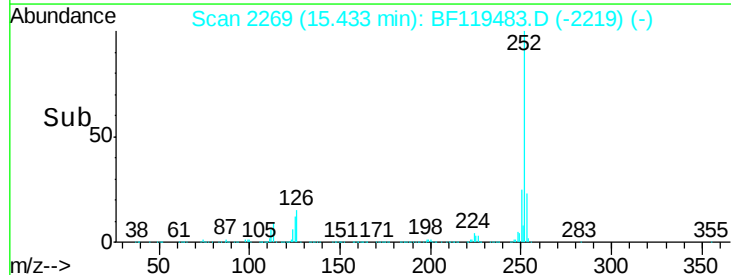
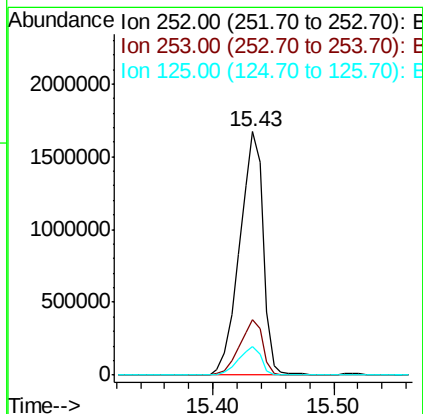
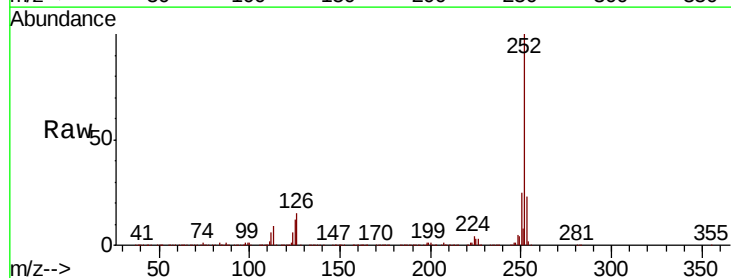
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

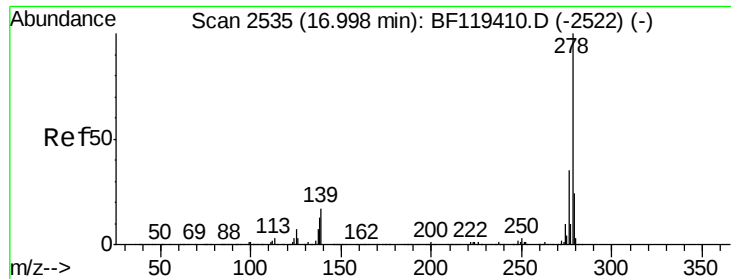
Tot Ion:252 Resp: 2301341
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 10.4 9.0 13.4



#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:252 Resp: 2275036
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 :

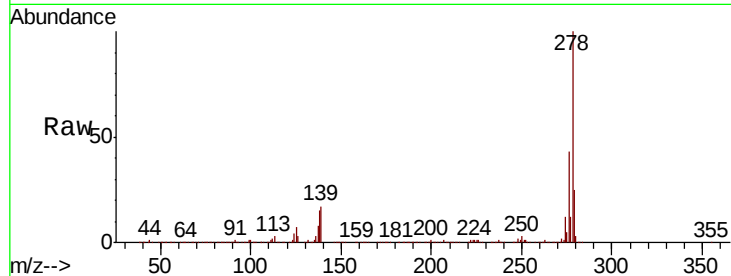
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 2003906

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

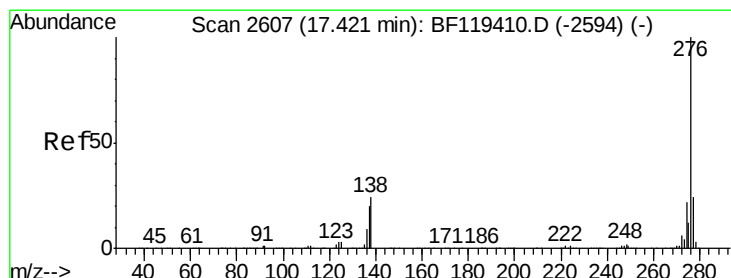
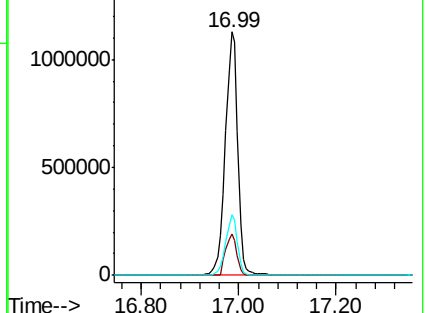
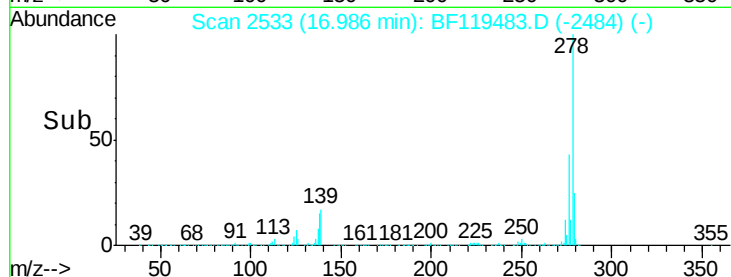


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.745 ng

RT: 17.41 min Scan# 2605

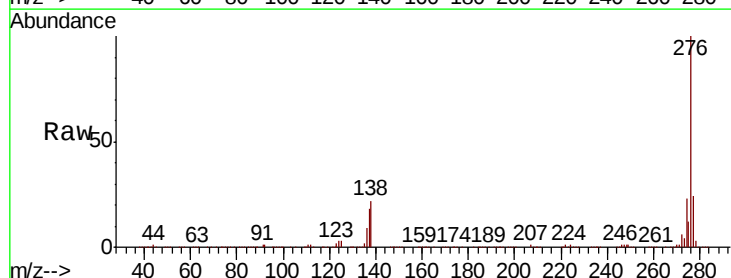
Delta R.T. -0.01 min

Lab File: BF119483.D

Acq: 24 Mar 2020 9:11

Tgt Ion:276 Resp: 1899090

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



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

