

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119589.D
 Acq On : 28 Mar 2020 1:26
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 28 03:33:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	360095	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1368261	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	725528	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1278250	20.00	ng	0.00
76) Chrysene-d12	14.01	240	876794	20.00	ng	0.00
87) Perylene-d12	15.47	264	708547	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1714260	75.78	ng	0.00
7) Phenol-d6	6.46	99	2352574	81.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	2054109	81.59	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	644596	86.12	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3579916	73.10	ng	0.00
79) Terphenyl-d14	12.96	244	3879014	86.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	414176	37.073	ng	99
3) Pyridine	3.30	79	1129939	36.712	ng	96
4) n-Nitrosodimethylamine	3.26	42	540874	36.036	ng	96
6) Aniline	6.50	93	1618670	40.588	ng	99
8) 2-Chlorophenol	6.62	128	970742	40.860	ng	98
9) Benzaldehyde	6.38	77	737182	40.216	ng	96
10) Phenol	6.47	94	1363327	44.217	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	1013276	41.090	ng	99
12) 1,3-Dichlorobenzene	6.77	146	1041622	40.509	ng	97
13) 1,4-Dichlorobenzene	6.85	146	1053510	40.961	ng	98
14) 1,2-Dichlorobenzene	7.01	146	999120	41.560	ng	98
15) Benzyl Alcohol	6.97	79	886708	40.794	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	2015792	40.526	ng	99
17) 2-Methylphenol	7.09	107	905670	41.606	ng	98
18) Hexachloroethane	7.35	117	381301	40.455	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	749913	43.056	ng	98
20) 3+4-Methylphenols	7.24	107	1102477	41.327	ng	95
22) Acetophenone	7.25	105	1320308	40.384	ng	99
24) Nitrobenzene	7.42	77	1045521	38.859	ng	98
25) Isophorone	7.66	82	2029126	39.732	ng	98
26) 2-Nitrophenol	7.73	139	550366	51.952	ng	95
27) 2,4-Dimethylphenol	7.77	122	779996	35.608	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	1210848	40.095	ng	99
29) 2,4-Dichlorophenol	7.97	162	860269	42.742	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	894993	40.209	ng	98
31) Naphthalene	8.15	128	2762698	39.236	ng	100
32) Benzoic acid	7.90	122	718447	50.988	ng	94
33) 4-Chloroaniline	8.19	127	1268719	39.323	ng	98
34) Hexachlorobutadiene	8.26	225	519875	41.744	ng	99
35) Caprolactam	8.57	113	273472	41.516	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	883871	40.179	ng	96
37) 2-Methylnaphthalene	8.83	142	1930833	41.783	ng	98
38) 1-Methylnaphthalene	8.93	142	1806951	41.312	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	844509	39.712	ng	99

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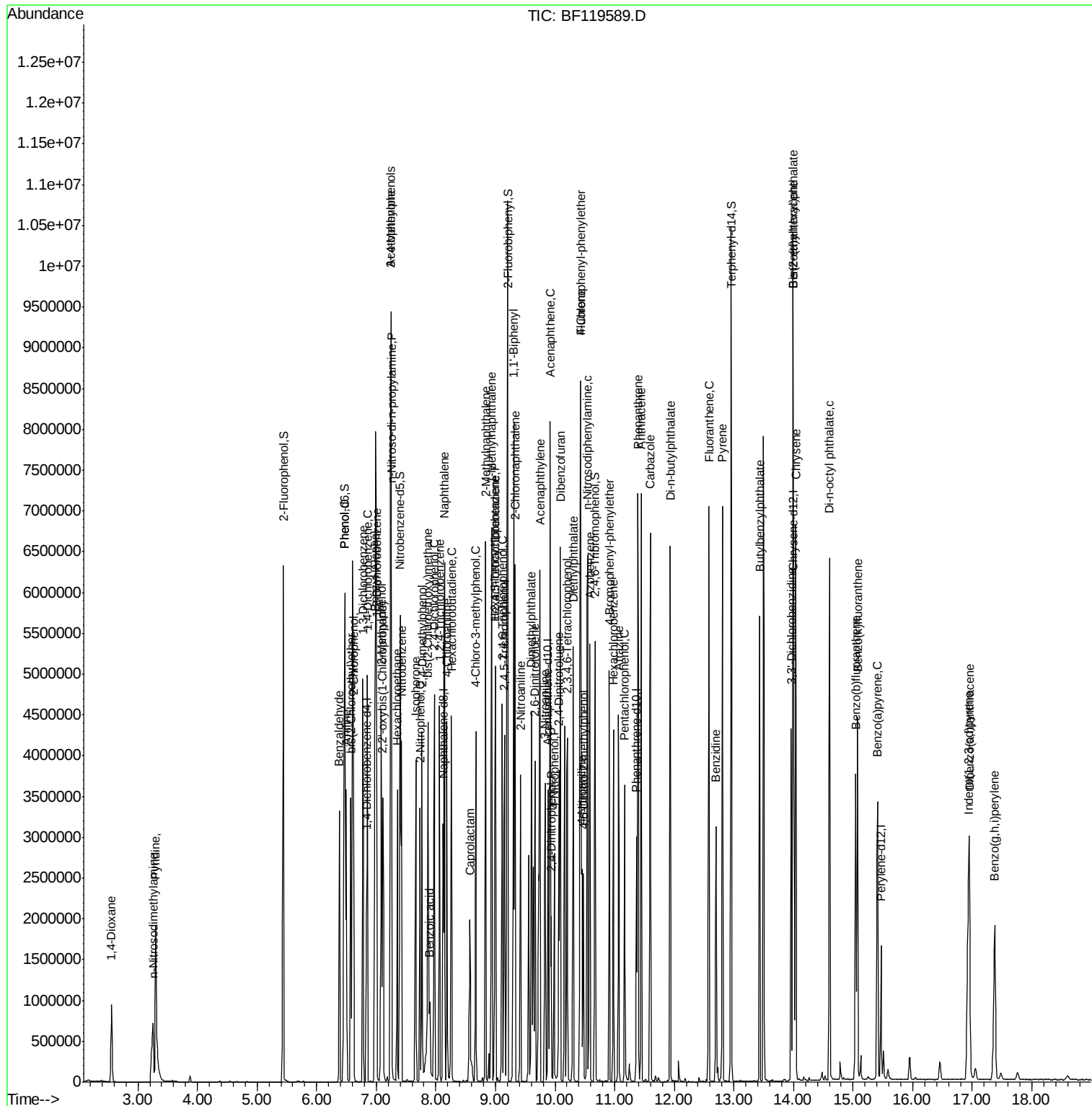
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	437555	36.192	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	636928	41.853	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	705047	41.357	ng	97
46) 1,1'-Biphenyl	9.30	154	2316925	39.210	ng	99
47) 2-Chloronaphthalene	9.33	162	1799011	38.867	ng	99
48) 2-Nitroaniline	9.42	65	688330	43.084	ng	94
49) Acenaphthylene	9.75	152	2756708	37.926	ng	99
50) Dimethylphthalate	9.61	163	2059048	39.955	ng	100
51) 2,6-Dinitrotoluene	9.66	165	499536	45.223	ng #	86
52) Acenaphthene	9.92	154	1833119	40.454	ng	98
53) 3-Nitroaniline	9.83	138	573845	41.149	ng	97
54) 2,4-Dinitrophenol	9.93	184	209635	47.145	ng	93
55) Dibenzofuran	10.09	168	2509208	38.622	ng	97
56) 4-Nitrophenol	9.99	139	411517	37.406	ng	95
57) 2,4-Dinitrotoluene	10.07	165	625335	44.939	ng	93
58) Fluorene	10.43	166	1852271	38.554	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	523750	41.101	ng	98
60) Diethylphthalate	10.30	149	2112576	40.390	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	941628	40.080	ng	98
62) 4-Nitroaniline	10.45	138	547848	40.967	ng	97
63) Azobenzene	10.59	77	2005448	38.075	ng	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	292843	54.634	ng	85
66) n-Nitrosodiphenylamine	10.55	169	1726636	41.147	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	636098	43.695	ng	93
68) Hexachlorobenzene	10.98	284	640089	42.961	ng #	92
69) Atrazine	11.07	200	512140	44.518	ng	99
70) Pentachlorophenol	11.17	266	391415	44.803	ng	98
71) Phenanthrene	11.39	178	2670574	40.292	ng	100
72) Anthracene	11.44	178	2691847	39.960	ng	99
73) Carbazole	11.60	167	2614145	39.206	ng	100
74) Di-n-butylphthalate	11.93	149	3217651	45.112	ng	99
75) Fluoranthene	12.58	202	2891914	40.316	ng	99
77) Benzidine	12.70	184	1215165	32.748	ng	99
78) Pyrene	12.81	202	2986402	41.502	ng	99
80) Butylbenzylphthalate	13.43	149	1415835	48.648	ng	98
81) Benzo(a)anthracene	14.00	228	2238881	39.267	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	873773	38.867	ng	100
83) Chrysene	14.04	228	2327890	39.561	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1757646	50.661	ng	97
85) Di-n-octyl phthalate	14.60	149	2979088	48.824	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2085670	37.635	ng	98
88) Benzo(b)fluoranthene	15.04	252	1991819	42.083	ng	97
89) Benzo(k)fluoranthene	15.07	252	1947104	43.203	ng	98
90) Benzo(a)pyrene	15.41	252	1805493	41.975	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	1719271	45.698	ng	99
92) Benzo(g,h,i)perylene	17.38	276	1676365	44.352	ng	98

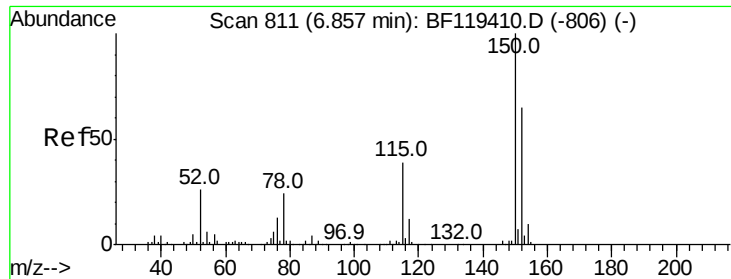
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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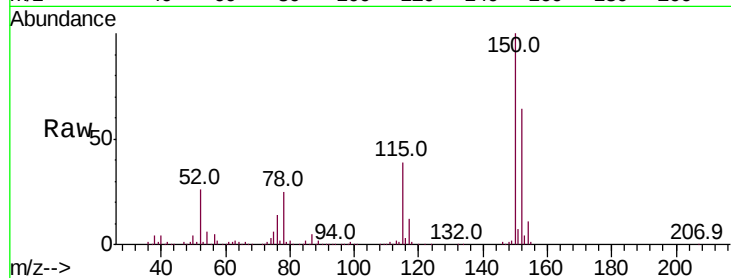


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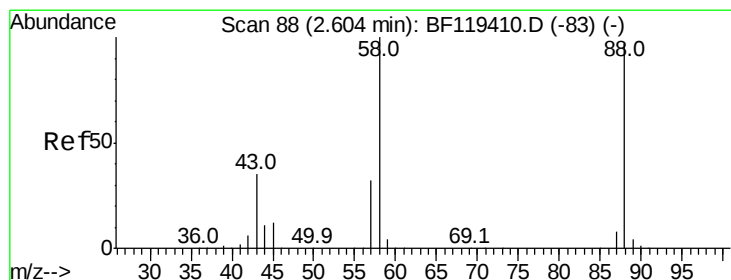
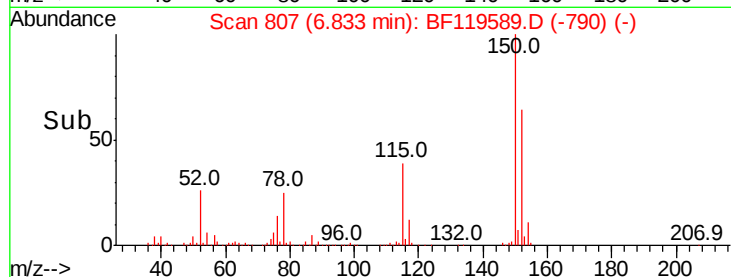
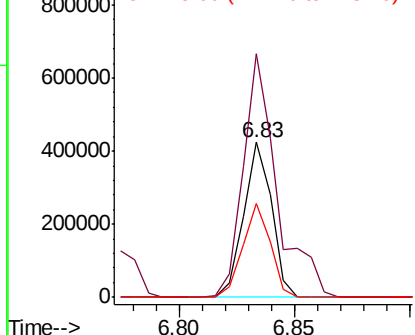
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 360095
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 60.6 49.6 74.4



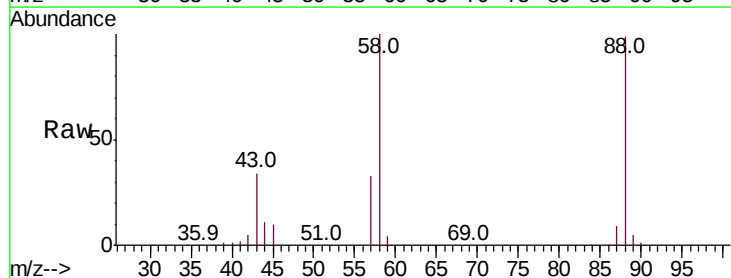
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



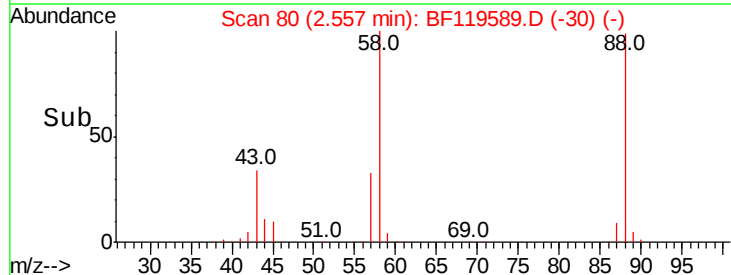
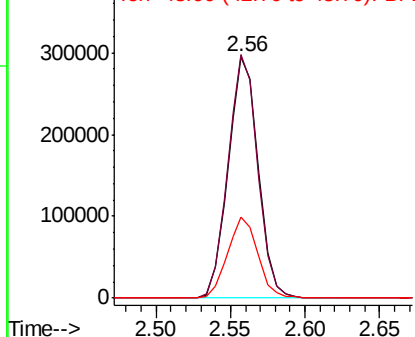
#2

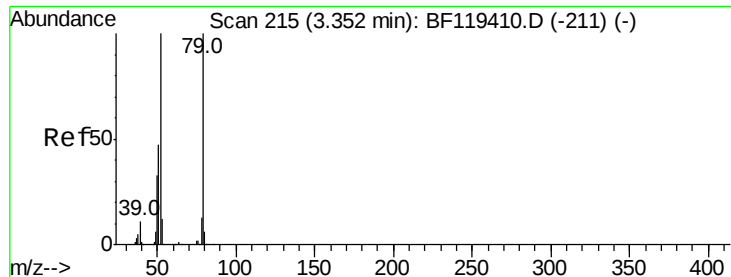
1,4-Dioxane
Concen: 37.073 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion: 88 Resp: 414176
Ion Ratio Lower Upper
88 100
58 100.1 80.6 121.0
43 34.2 27.5 41.3



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: 36.712 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

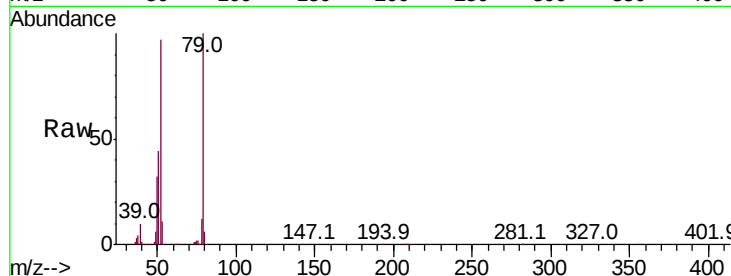
Tot Ion: 79 Resp: 1129939

Ion Ratio Lower Upper

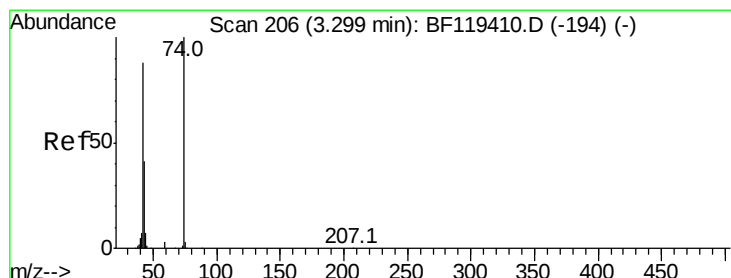
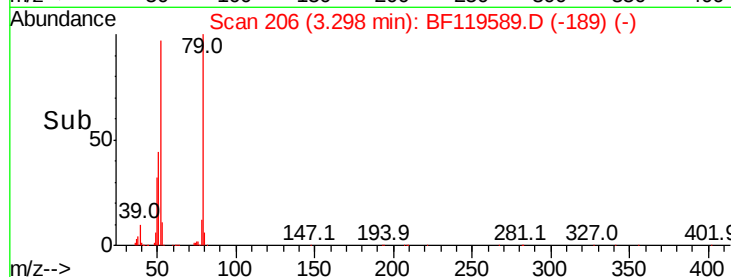
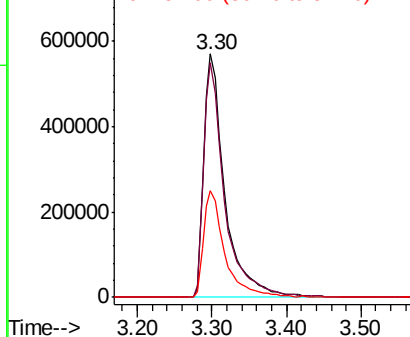
79 100

52 96.5 80.2 120.2

51 43.7 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.036 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

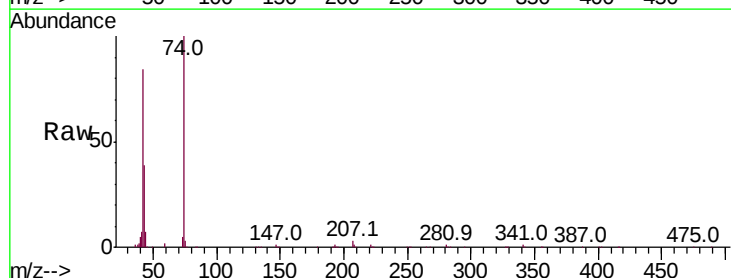
Tgt Ion: 42 Resp: 540874

Ion Ratio Lower Upper

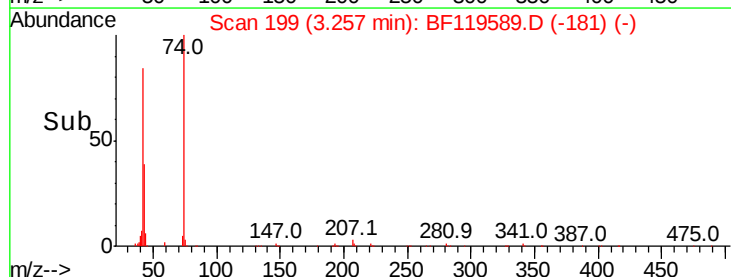
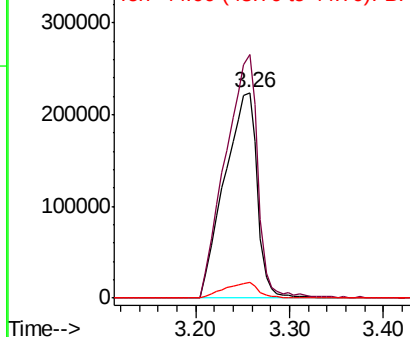
42 100

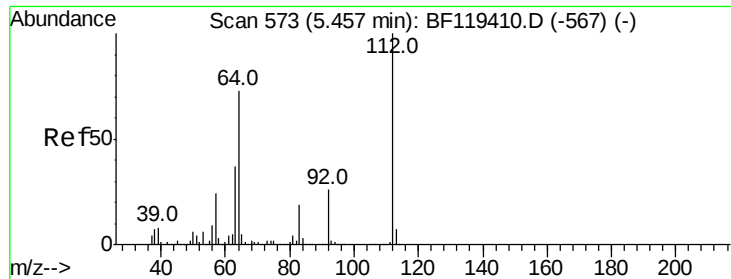
74 118.5 91.5 137.3

44 7.7 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.784 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.00 min

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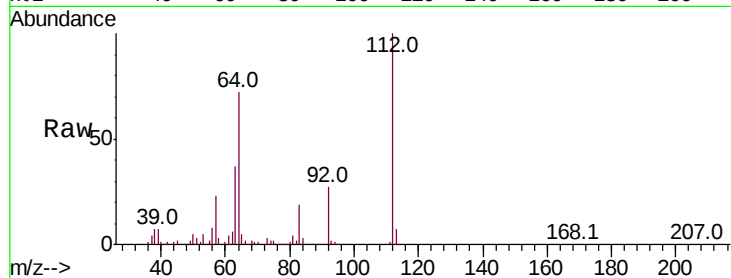
Tot Ion:112 Resp: 1714260

Ion Ratio Lower Upper

112 100

64 72.1 56.7 85.1

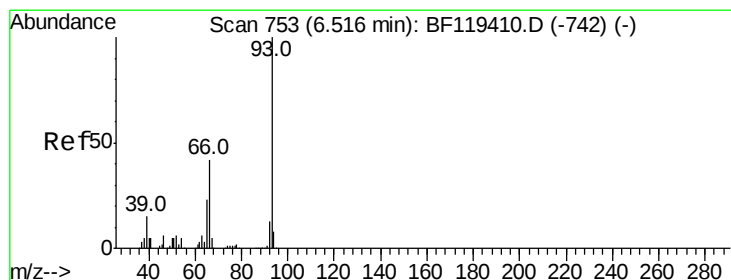
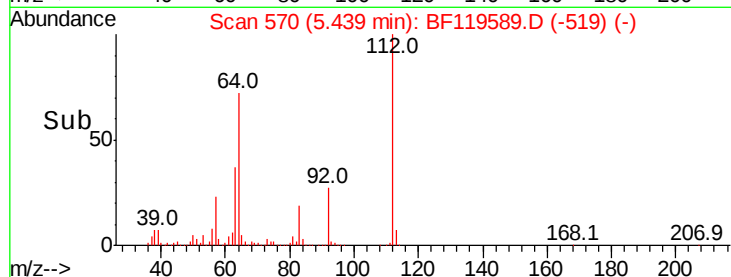
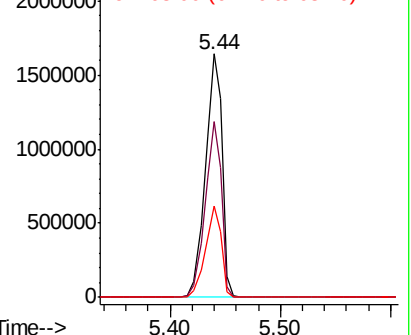
63 37.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.588 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF119589.D

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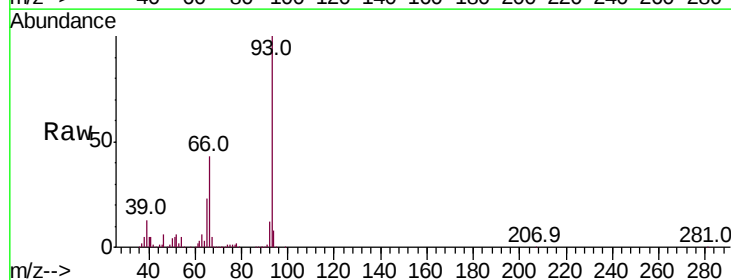
Tgt Ion: 93 Resp: 1618670

Ion Ratio Lower Upper

93 100

66 42.6 34.9 52.3

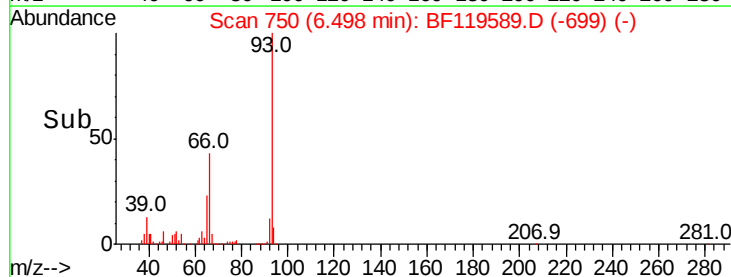
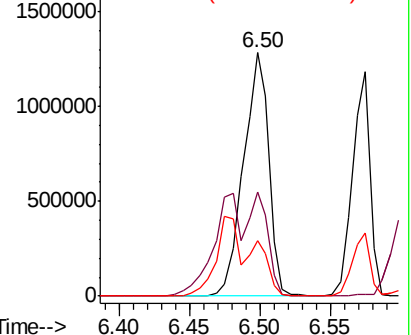
65 22.7 18.6 27.8

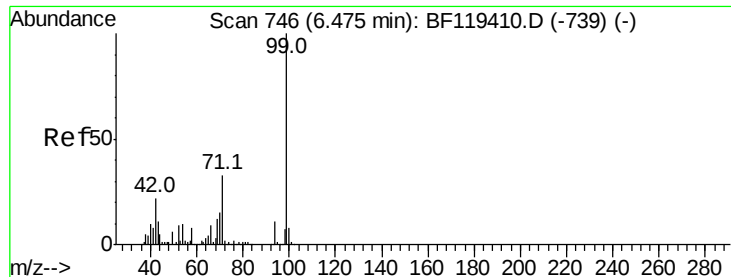


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.415 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

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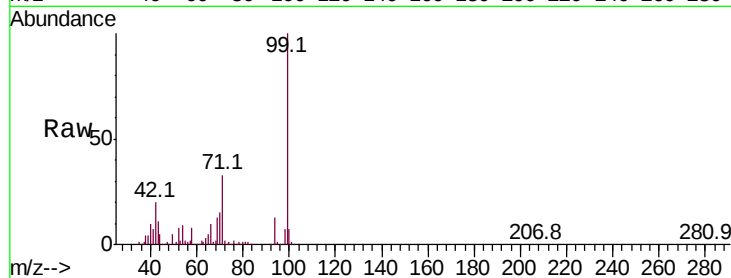
Tot Ion: 99 Resp: 2352574

Ion Ratio Lower Upper

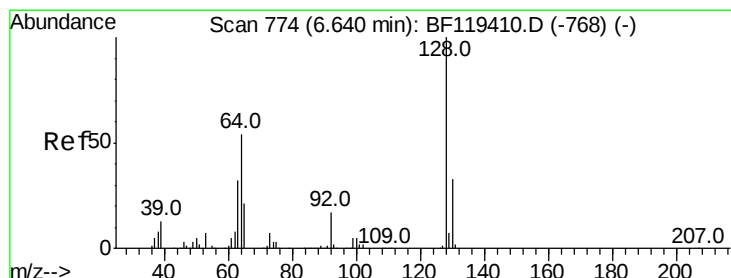
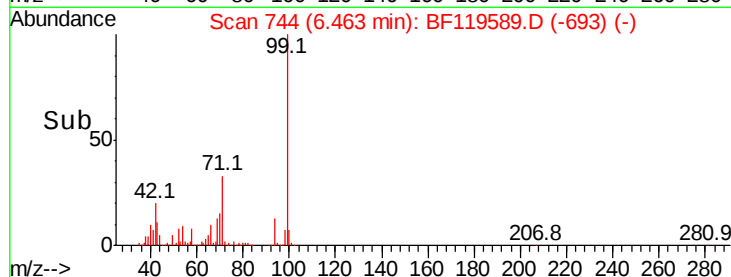
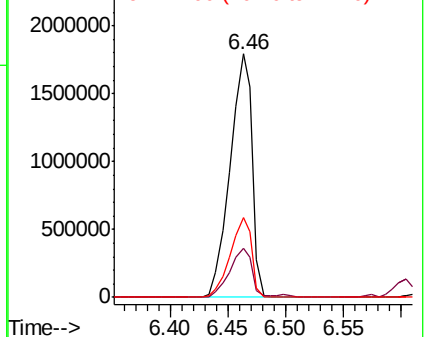
99 100

42 20.1 16.6 24.8

71 33.0 26.4 39.6



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: 40.860 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

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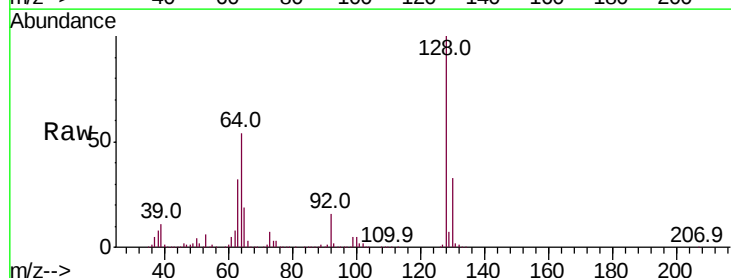
Tgt Ion: 128 Resp: 970742

Ion Ratio Lower Upper

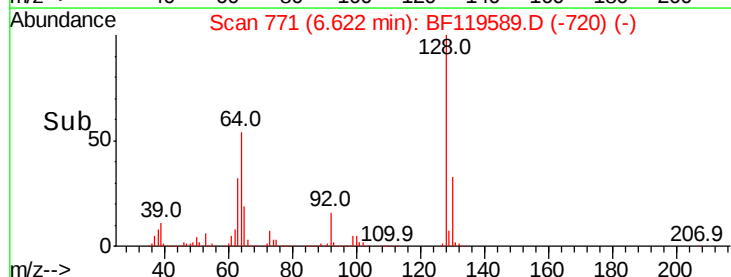
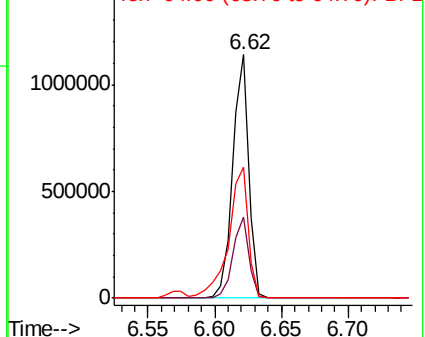
128 100

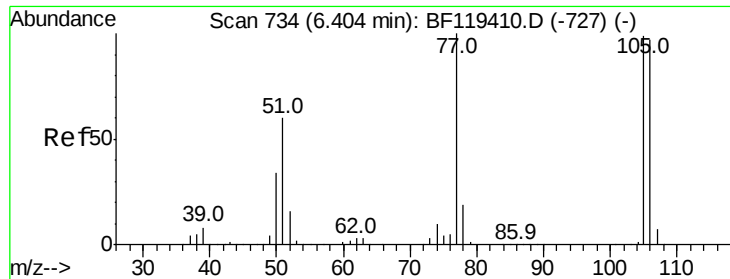
130 33.1 12.6 52.6

64 53.8 35.3 75.3



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





#9

Benzaldehyde

Concen: 40.216 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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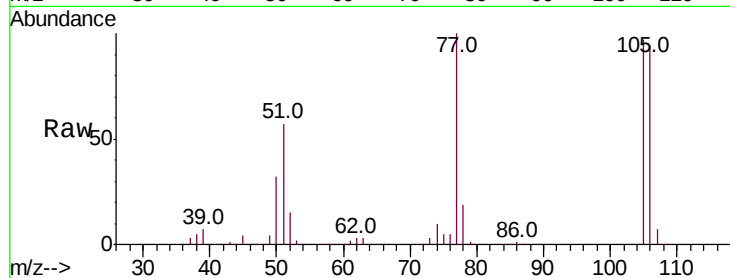
Tot Ion: 77 Resp: 737182

Ion Ratio Lower Upper

77 100

105 97.3 80.9 120.9

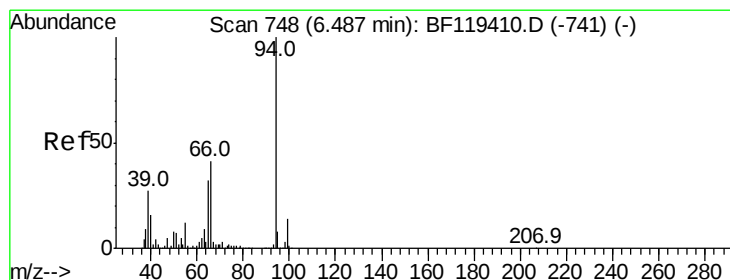
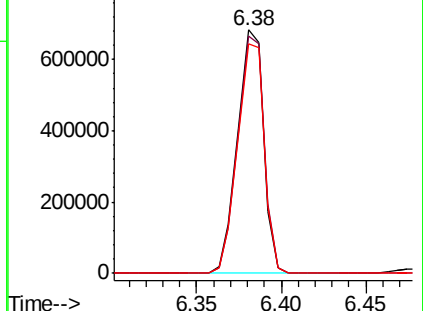
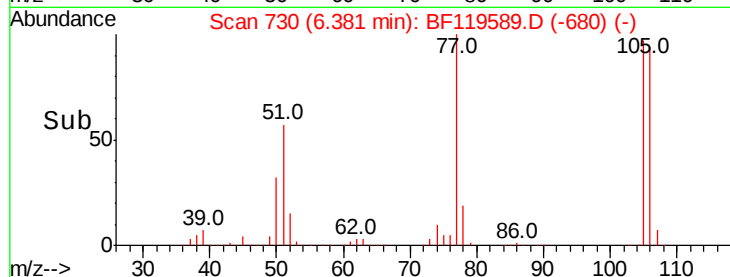
106 94.4 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.217 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

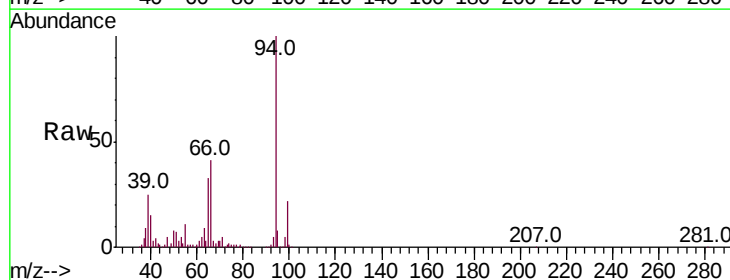
Tgt Ion: 94 Resp: 1363327

Ion Ratio Lower Upper

94 100

65 32.7 13.2 53.2

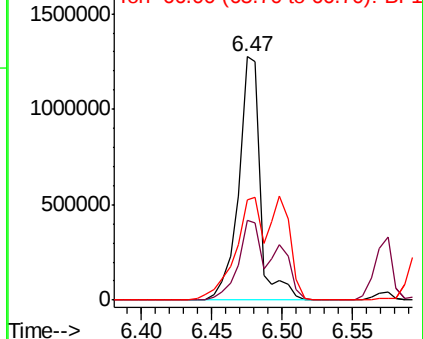
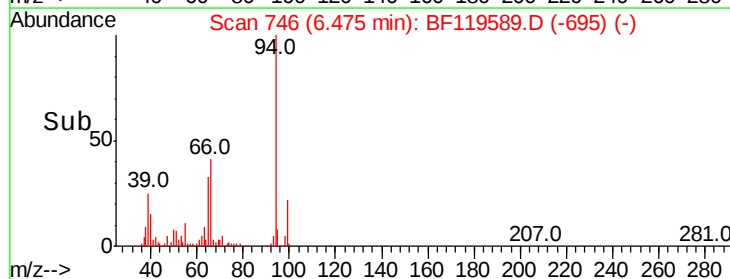
66 41.1 22.3 62.3

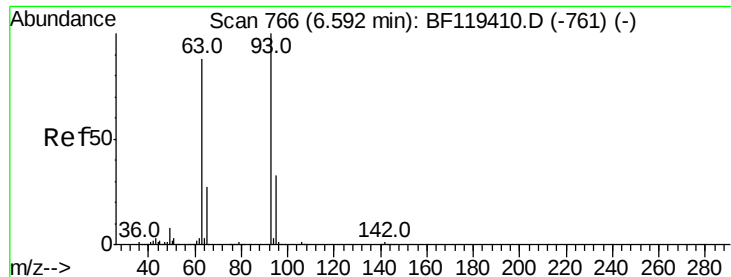


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

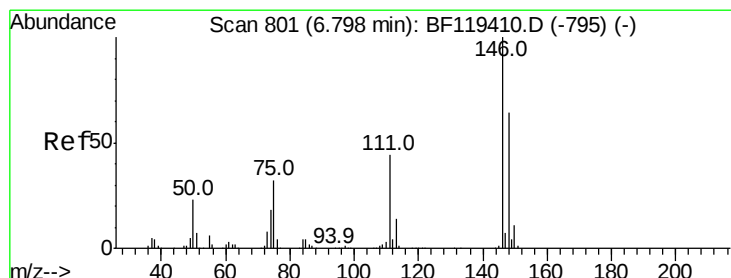
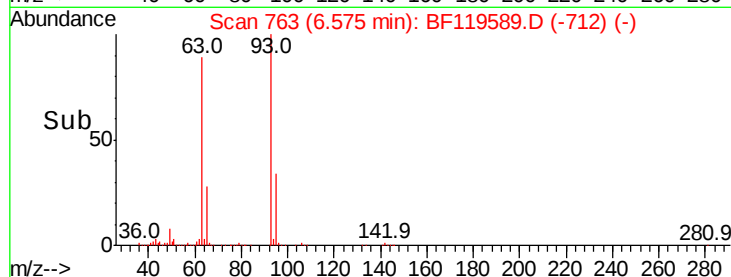
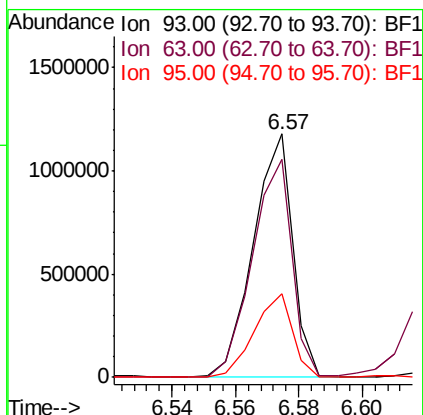
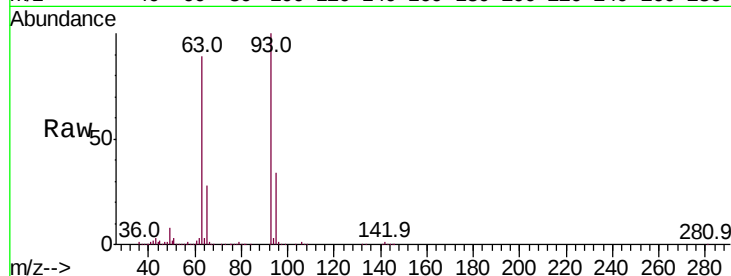




#11
bis(2-Chloroethyl)ether
Concen: 41.090 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

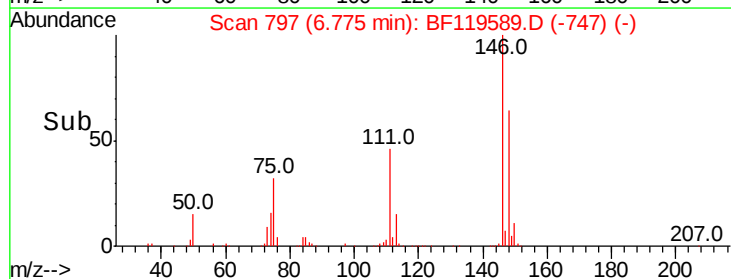
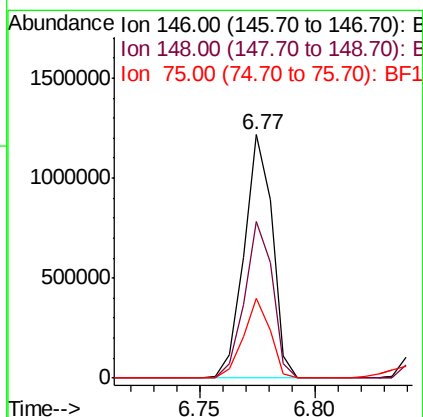
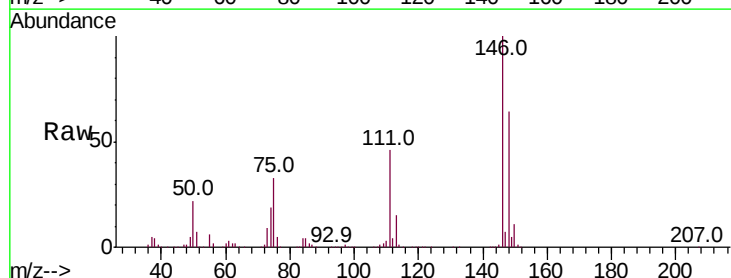
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

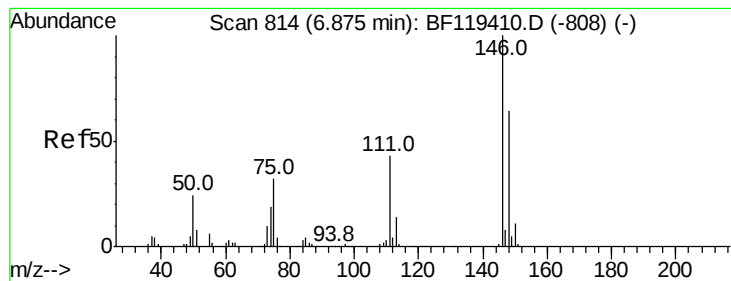
Tot Ion: 93 Resp: 1013276
Ion Ratio Lower Upper
93 100
63 89.4 70.2 110.2
95 34.1 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 40.509 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion: 146 Resp: 1041622
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.4
75 32.6 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 40.961 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

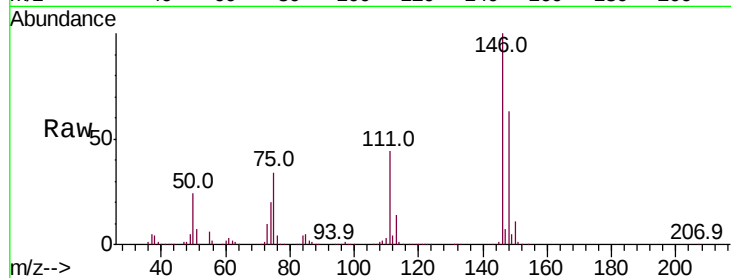
Tot Ion:146 Resp: 1053510

Ion Ratio Lower Upper

146 100

148 63.4 51.5 77.3

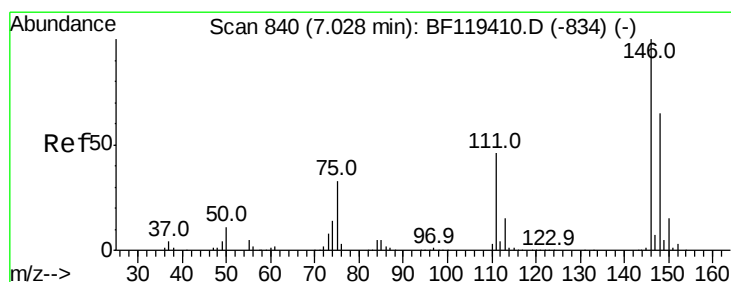
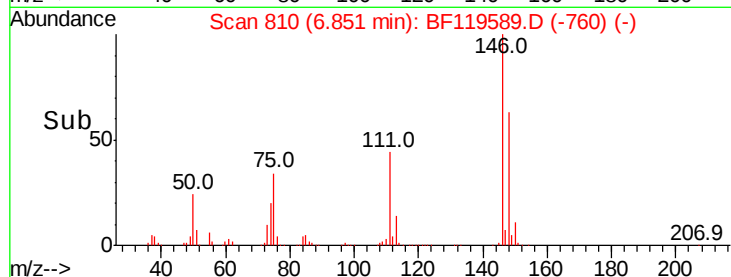
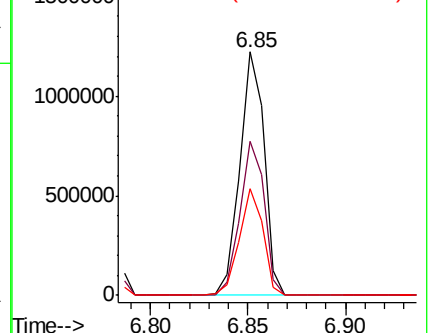
111 44.0 33.3 49.9



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: 41.560 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

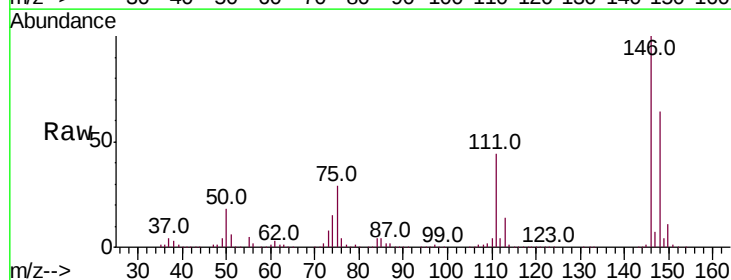
Tgt Ion:146 Resp: 999120

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

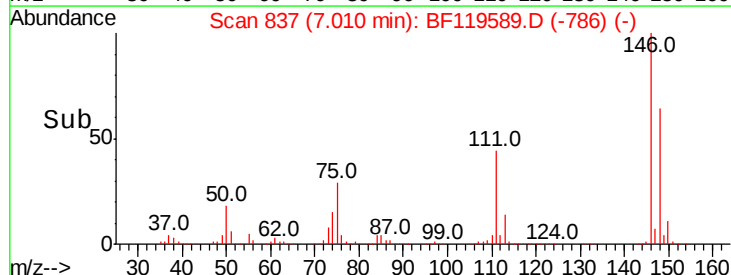
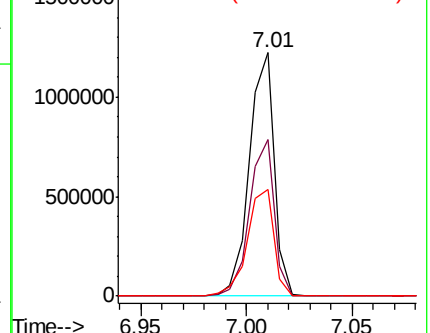
111 43.8 36.1 54.1

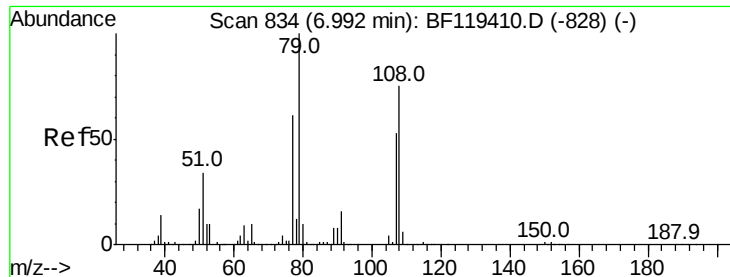


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.794 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

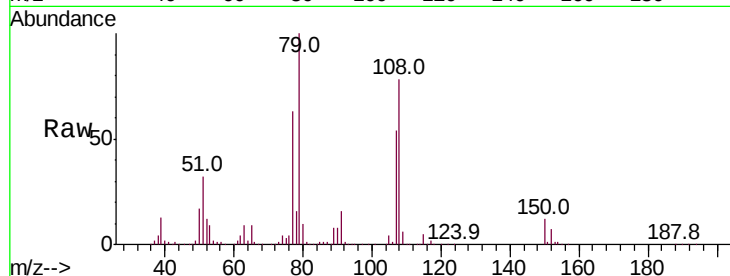
Tot Ion: 79 Resp: 886708

Ion Ratio Lower Upper

79 100

108 78.0 60.6 90.8

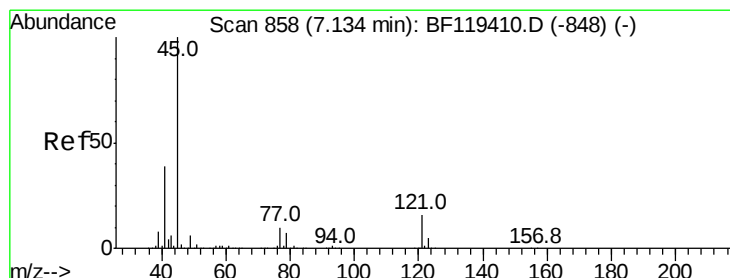
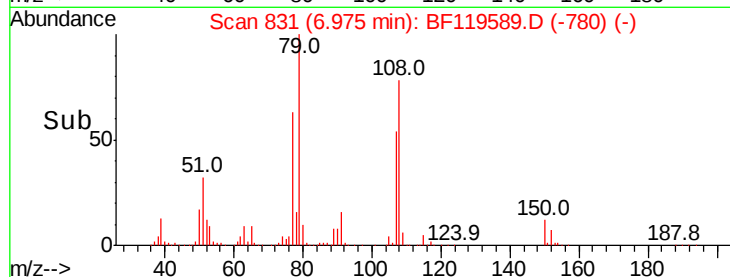
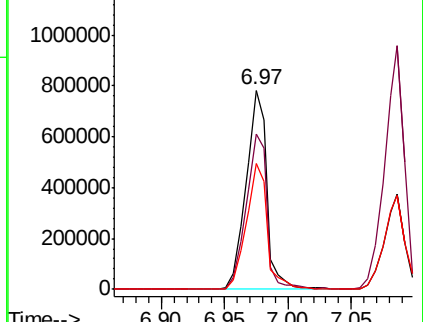
77 63.2 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.526 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

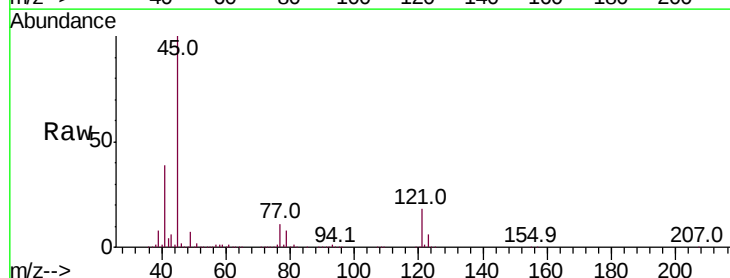
Tgt Ion: 45 Resp: 2015792

Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.7

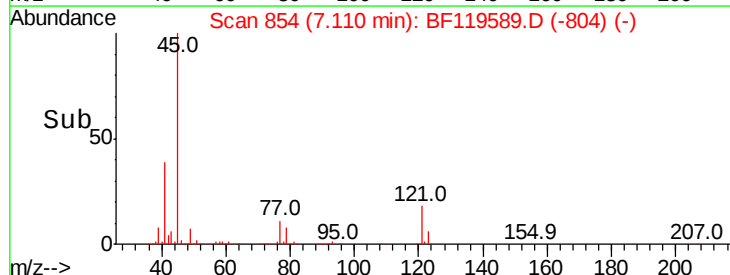
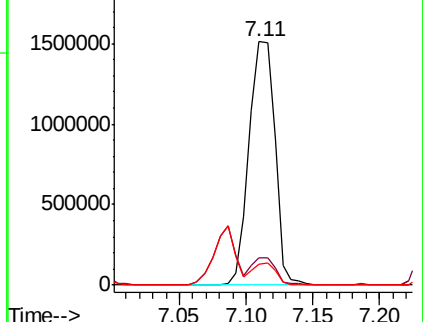
79 8.4 0.0 28.2

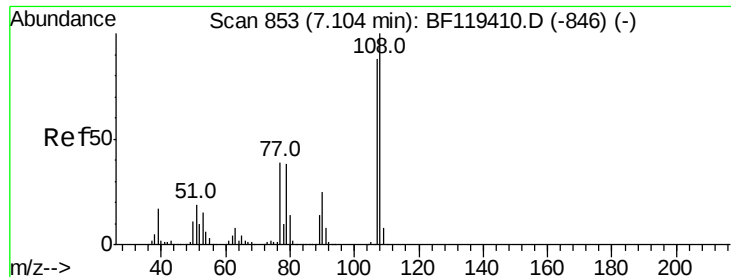


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

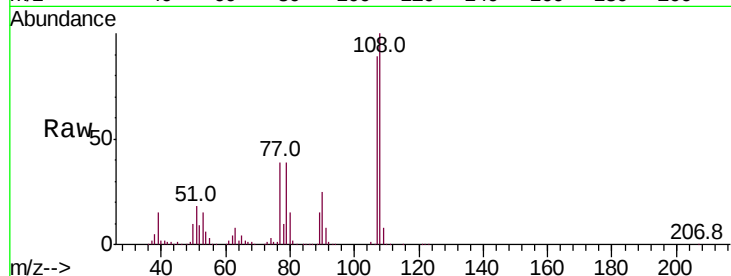




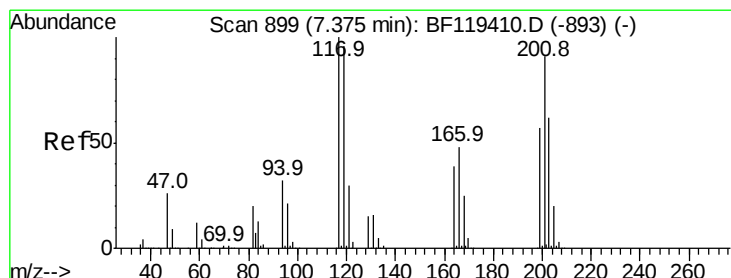
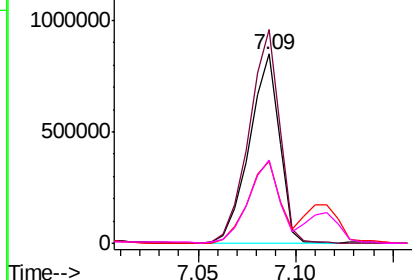
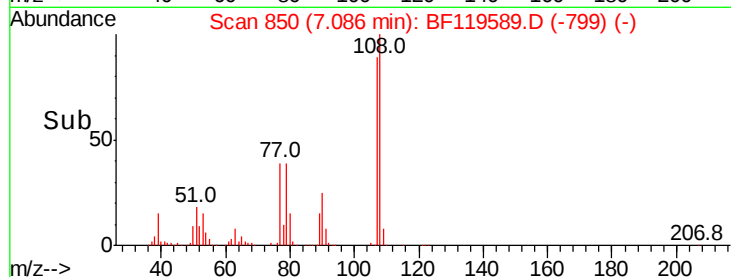
#17
2-Methylphenol
Concen: 41.606 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	107	Resp:	905670
Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.2	138.4
77	43.5	36.6	54.8
79	43.8	36.2	54.4

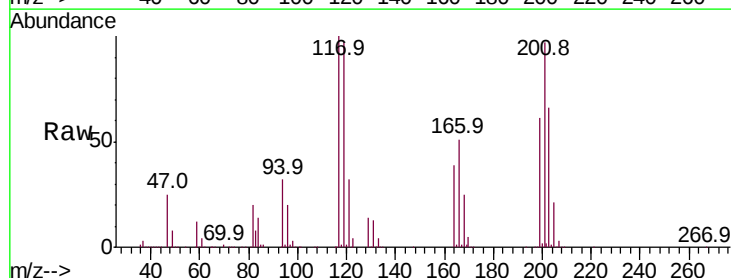


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

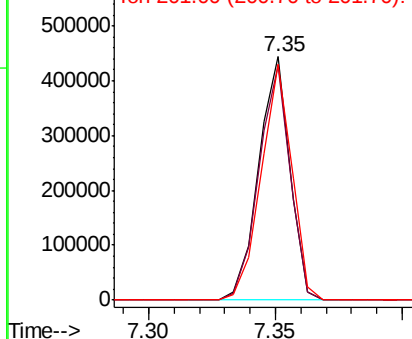
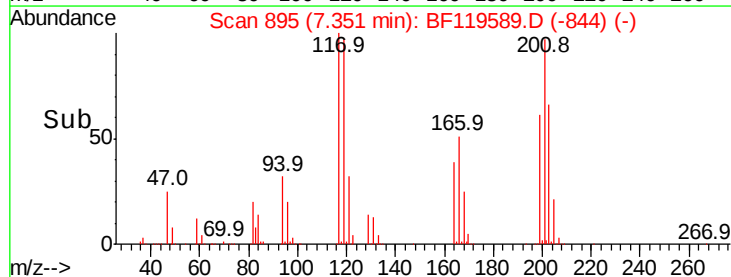


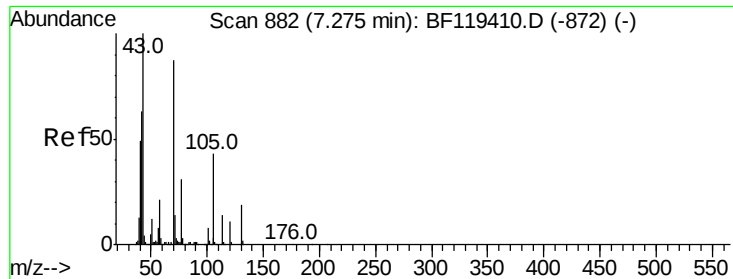
#18
Hexachloroethane
Concen: 40.455 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:	117	Resp:	381301
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.1	114.1
201	96.7	73.0	109.6



Abundance Ion 117.00 (116.70 to 117.70): E
600000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

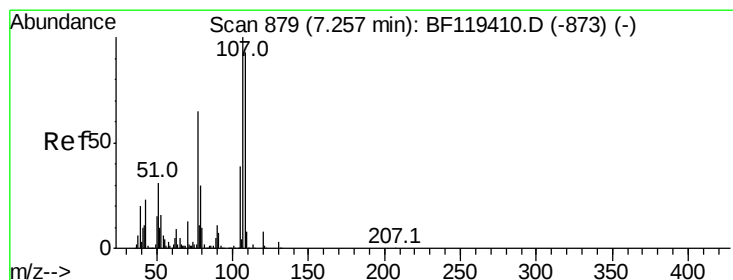
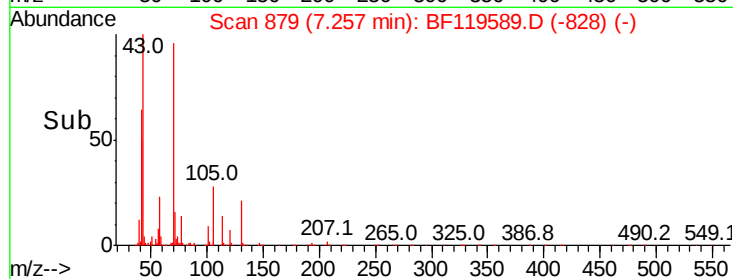
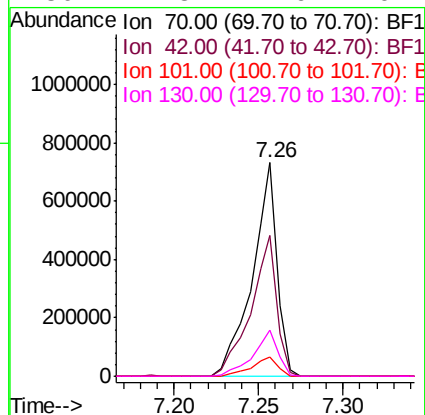
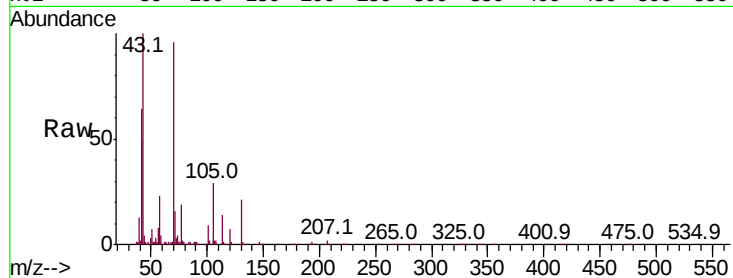




#19
n-Nitroso-di-n-propylamine
Concen: 43.056 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

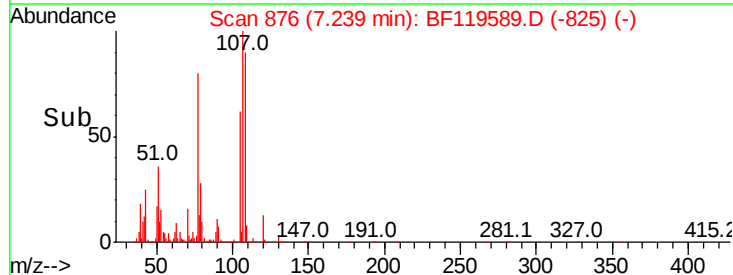
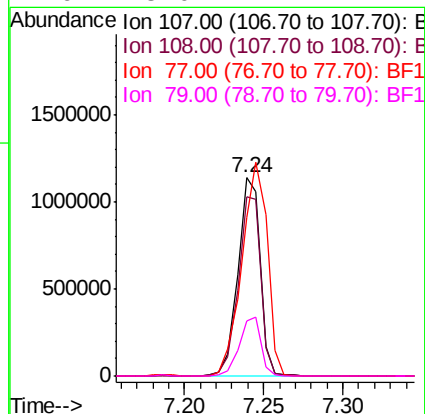
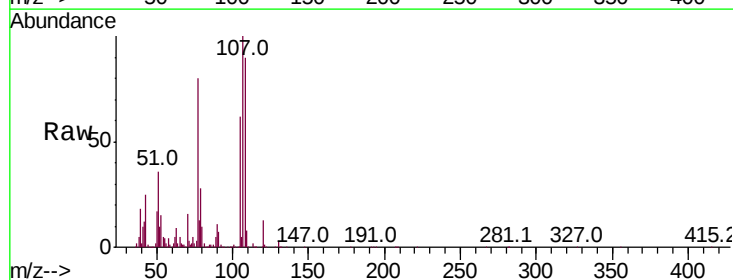
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

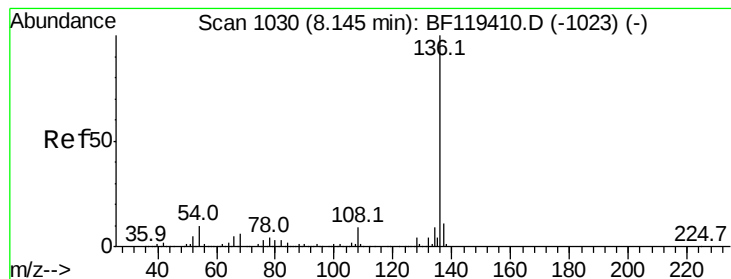
Tot Ion:	70	Resp:	749913
Ion	Ratio	Lower	Upper
70	100		
42	66.0	54.5	81.7
101	9.2	7.6	11.4
130	21.8	17.6	26.4



#20
3+4-Methylphenols
Concen: 41.327 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:	107	Resp:	1102477
Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.9	107.9
77	80.1	52.9	92.9
79	28.0	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 1368261

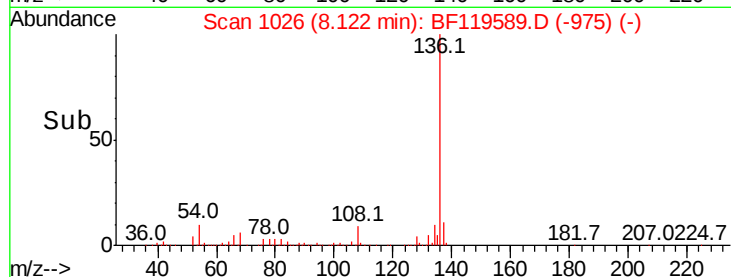
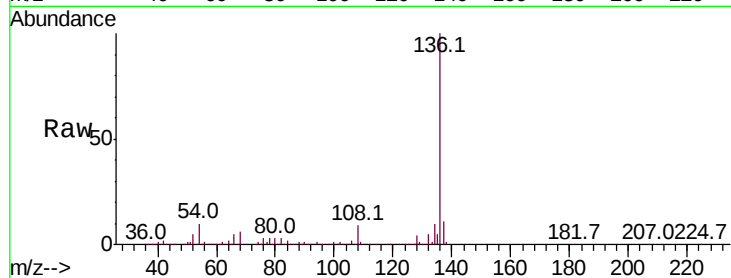
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.2 9.1 13.7

68 6.0 4.6 6.8

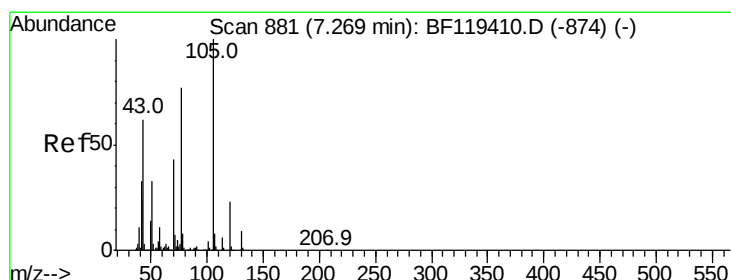
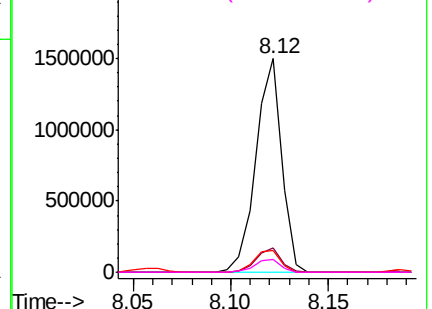


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.384 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Tgt Ion:105 Resp: 1320308

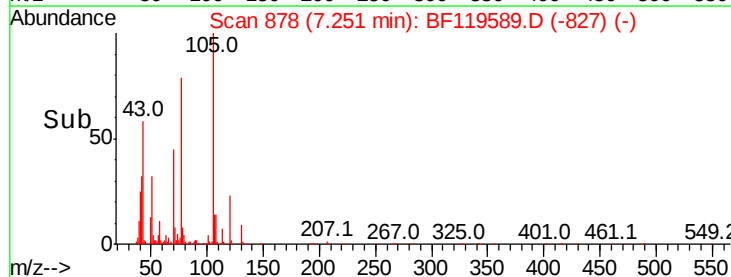
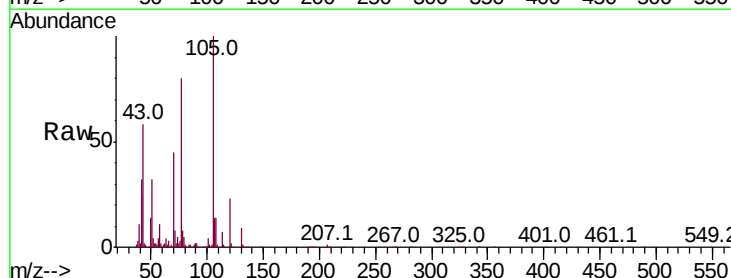
Ion Ratio Lower Upper

105 100

71 7.8 5.7 8.5

51 31.7 26.2 39.4

120 23.2 18.3 27.5

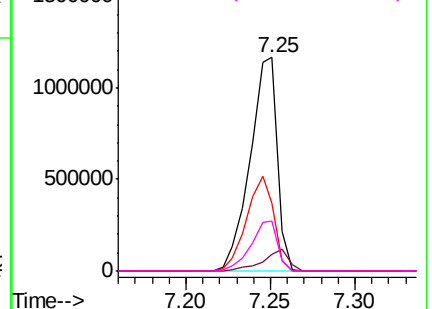


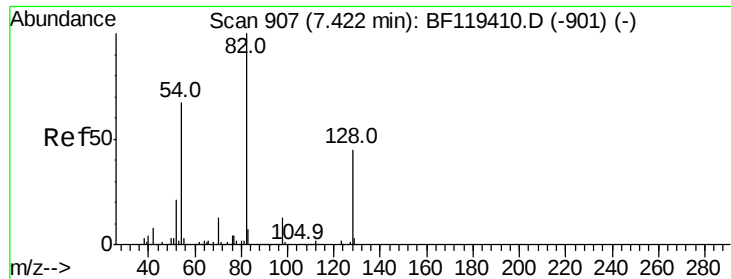
Abundance Ion 105.00 (104.70 to 105.70): E

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

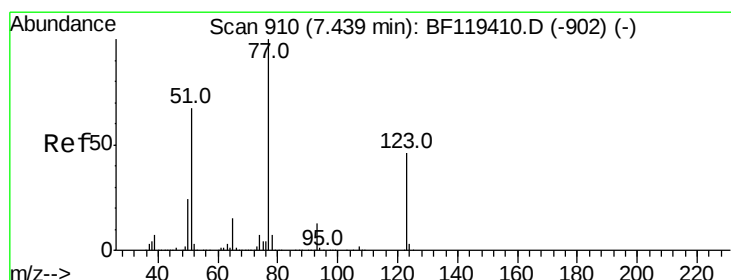
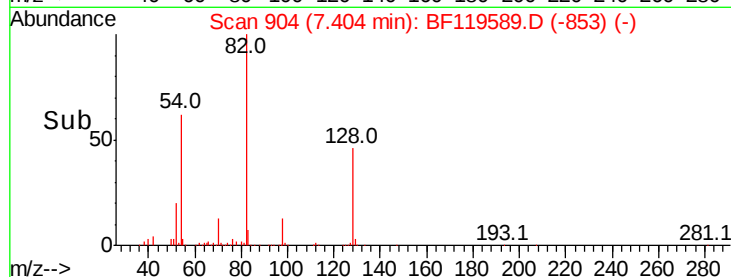
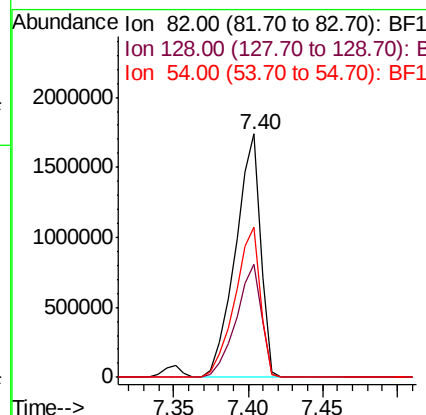
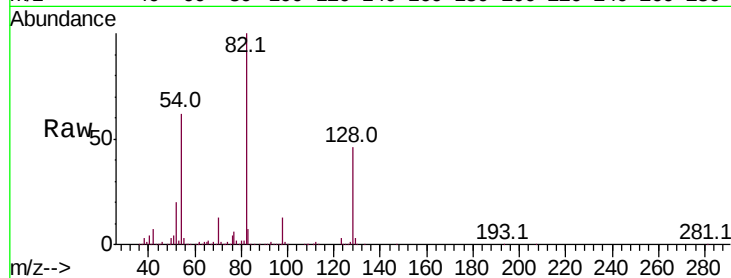




#23
Nitrobenzene-d5
Concen: 81.590 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

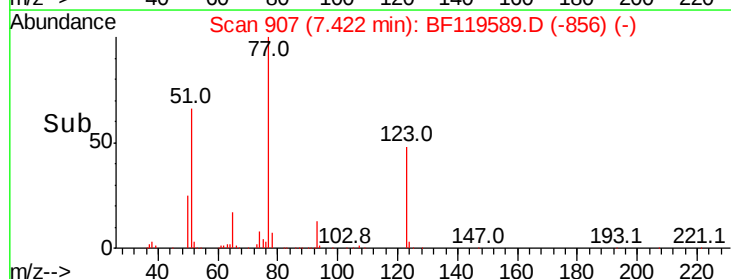
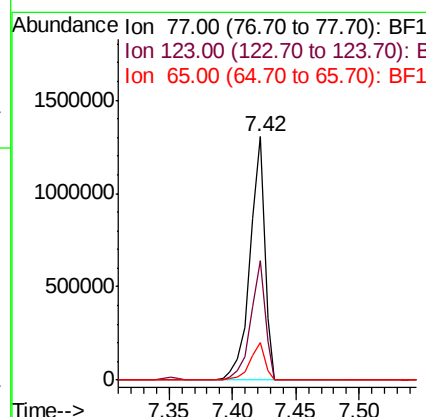
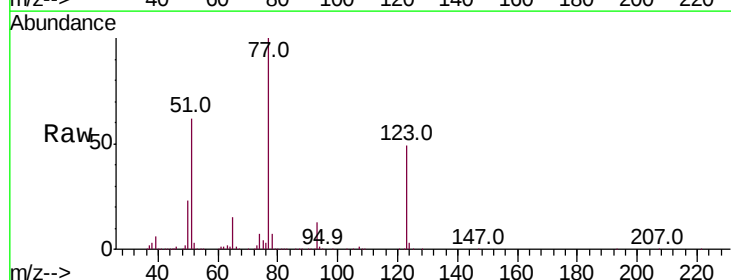
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

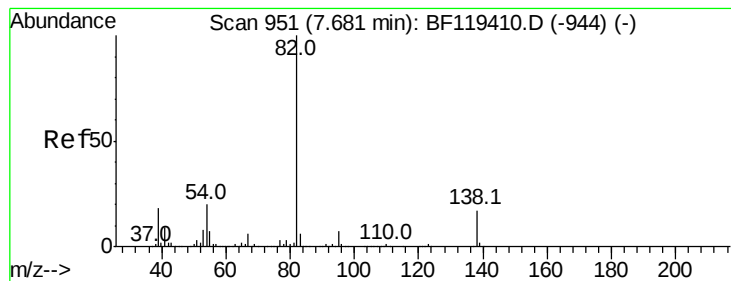
Tot Ion: 82 Resp: 2054109
Ion Ratio Lower Upper
82 100
128 46.2 36.3 54.5
54 61.9 50.6 75.8



#24
Nitrobenzene
Concen: 38.859 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion: 77 Resp: 1045521
Ion Ratio Lower Upper
77 100
123 48.9 38.0 57.0
65 15.2 12.6 18.8





#25

Isophorone

Concen: 39.732 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

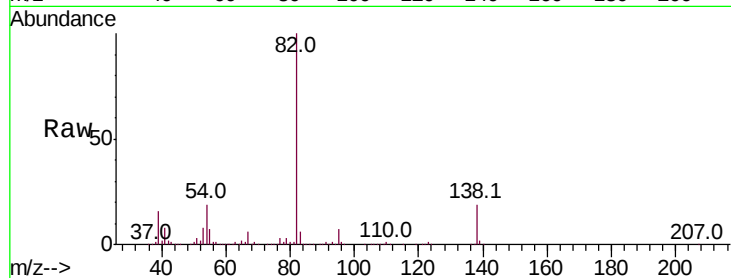
Tot Ion: 82 Resp: 2029126

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

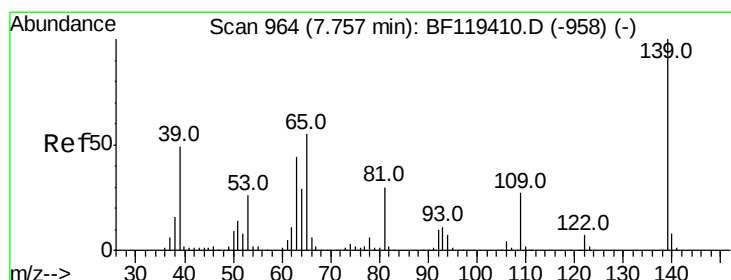
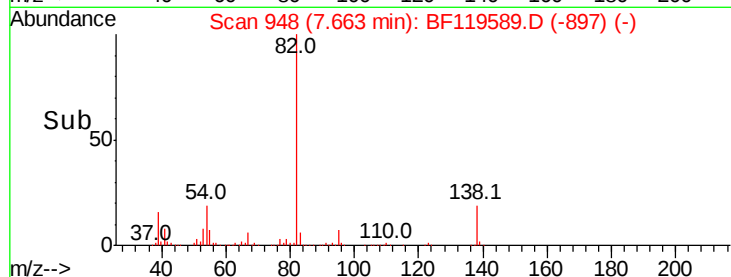
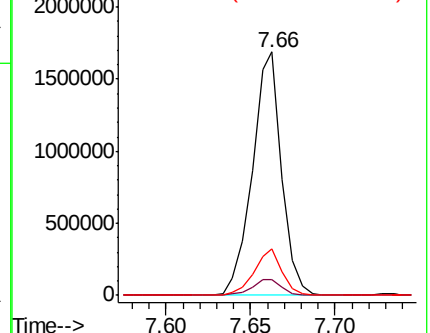
138 19.3 14.6 21.8



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: 51.952 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

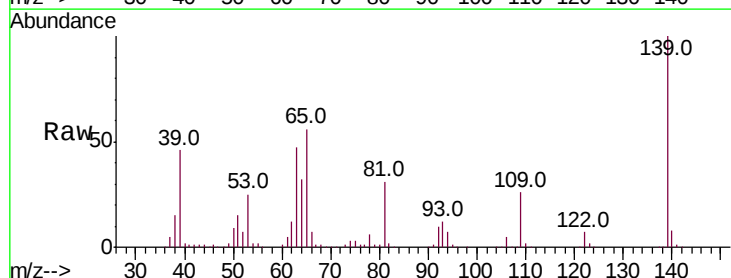
Tgt Ion:139 Resp: 550366

Ion Ratio Lower Upper

139 100

109 26.3 22.1 33.1

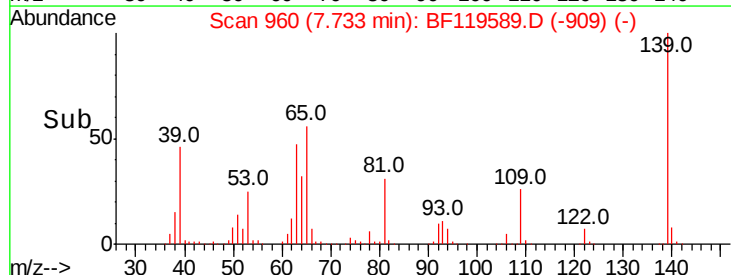
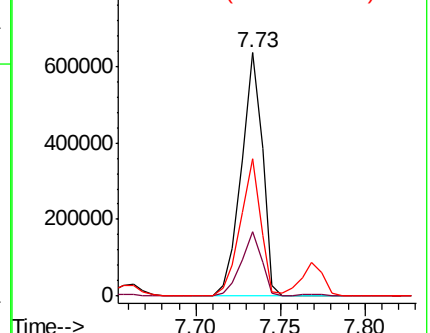
65 56.4 49.2 73.8

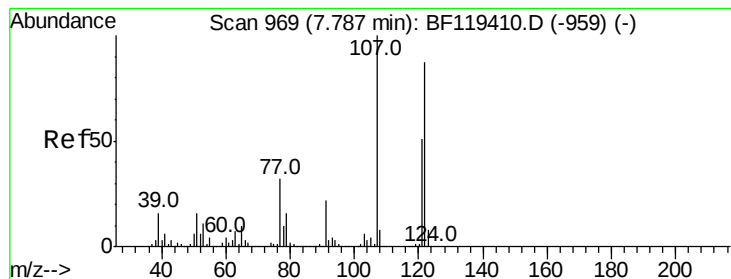


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

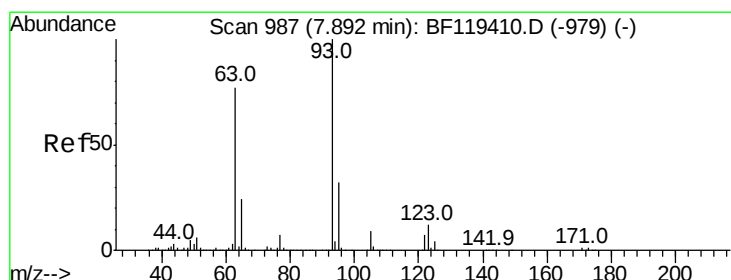
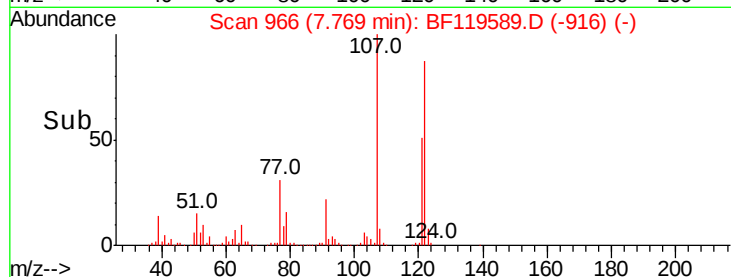
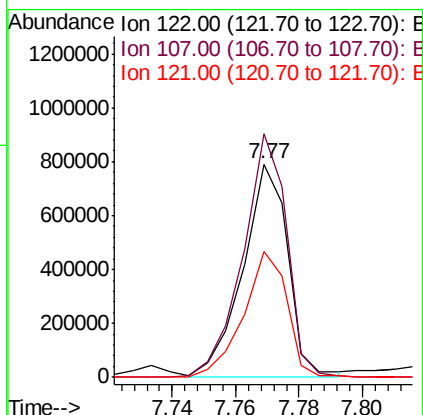
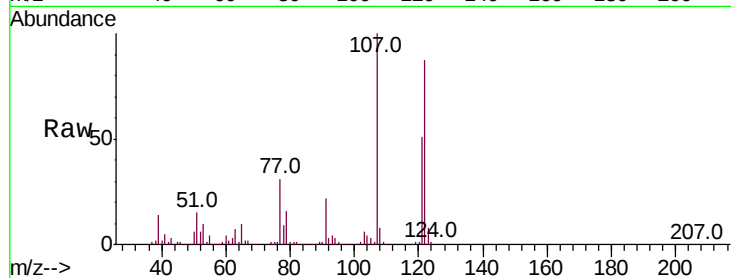




#27
 2,4-Dimethylphenol
 Concen: 35.608 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

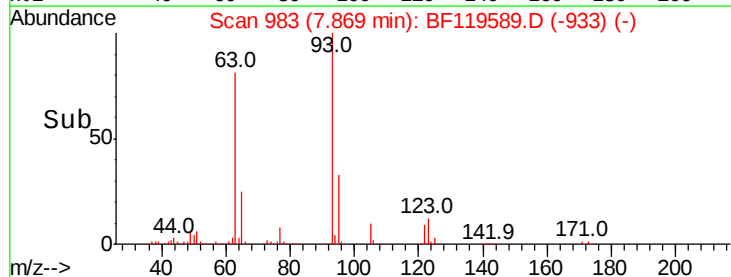
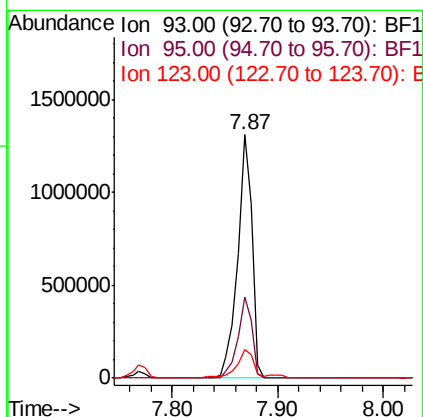
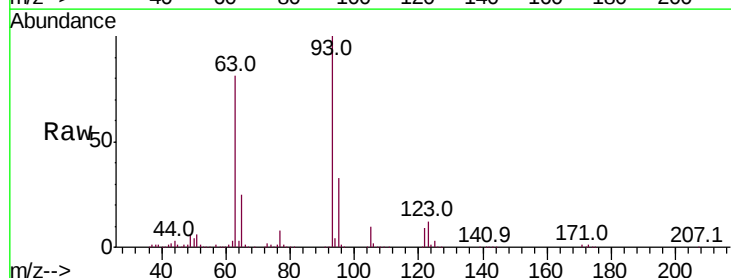
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

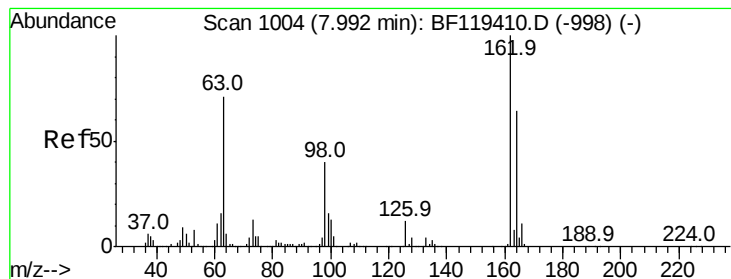
Tot Ion:122 Resp: 779996
 Ion Ratio Lower Upper
 122 100
 107 114.3 89.0 133.6
 121 58.9 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.095 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

Tgt Ion: 93 Resp: 1210848
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.3 39.5
 123 11.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 42.742 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

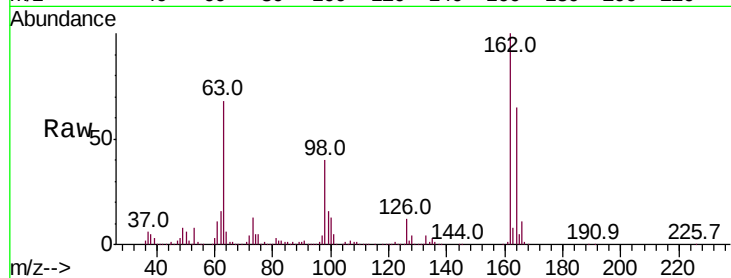
Tot Ion:162 Resp: 860269

Ion Ratio Lower Upper

162 100

164 65.3 44.7 84.7

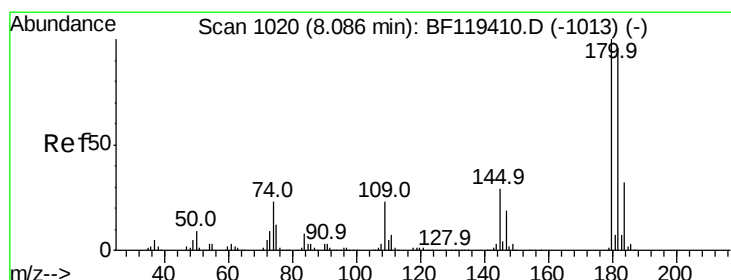
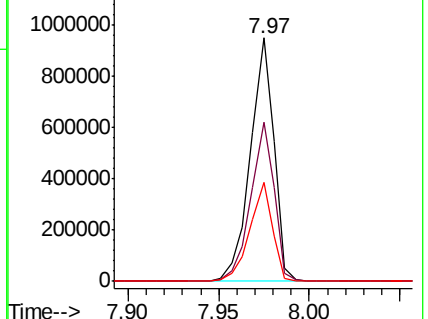
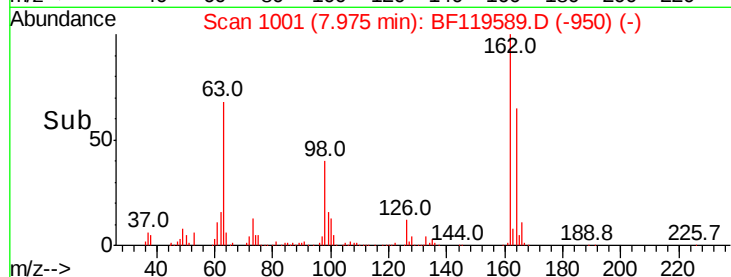
98 40.4 20.7 60.7



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: 40.209 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

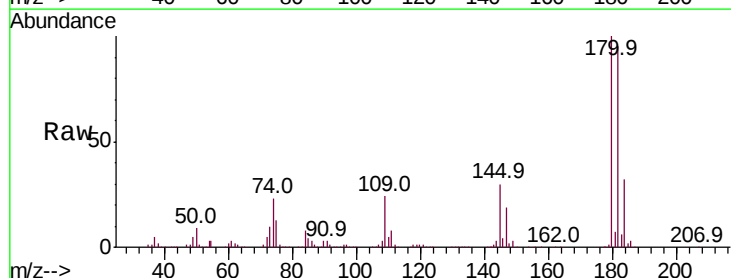
Tgt Ion:180 Resp: 894993

Ion Ratio Lower Upper

180 100

182 95.4 74.7 112.1

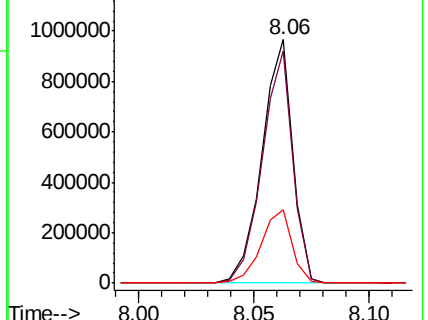
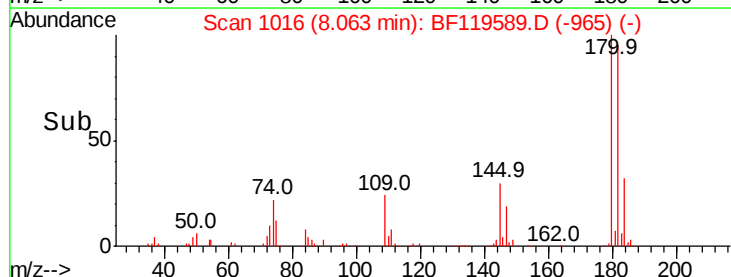
145 29.9 24.5 36.7

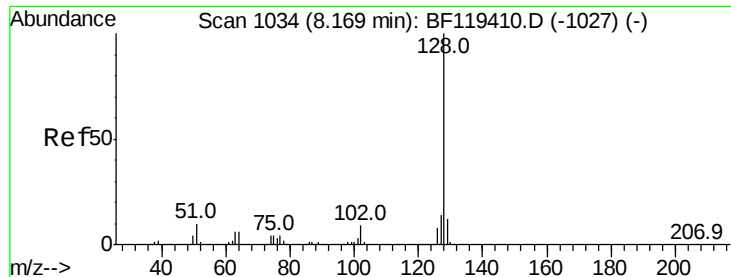


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

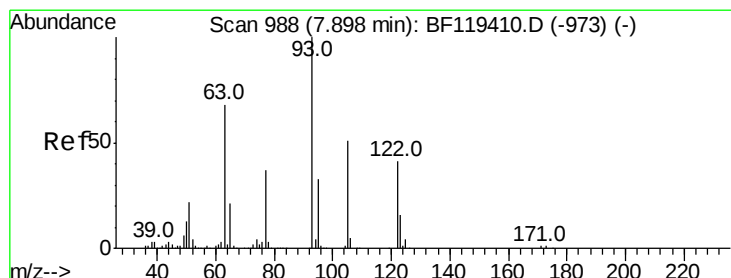
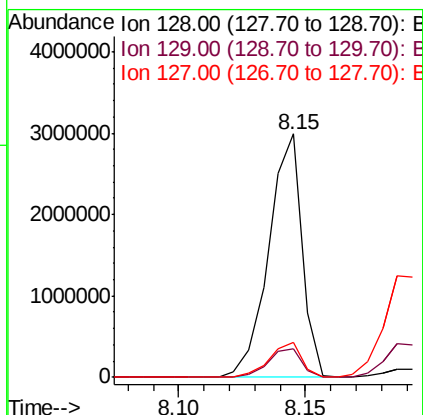
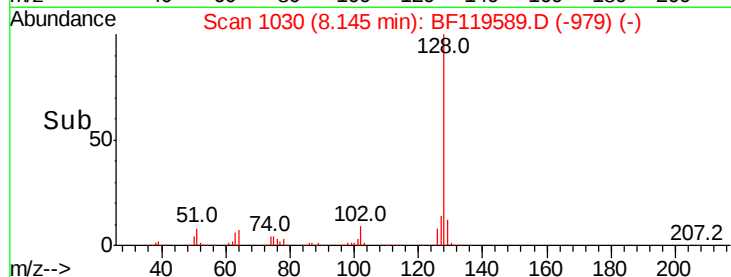
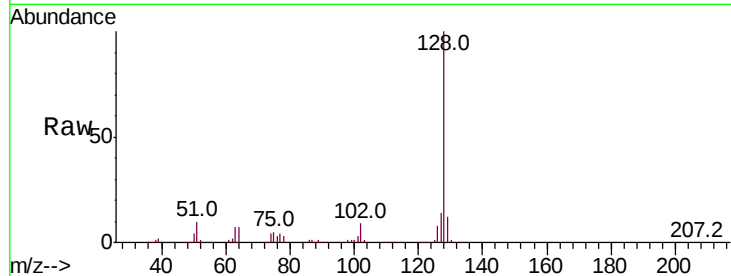




#31
Naphthalene
Concen: 39.236 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

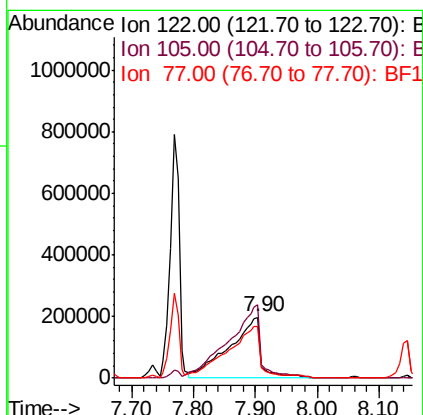
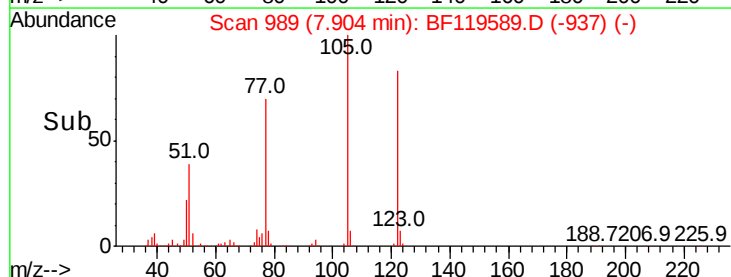
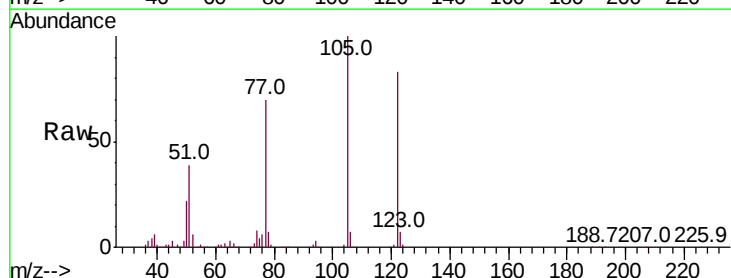
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

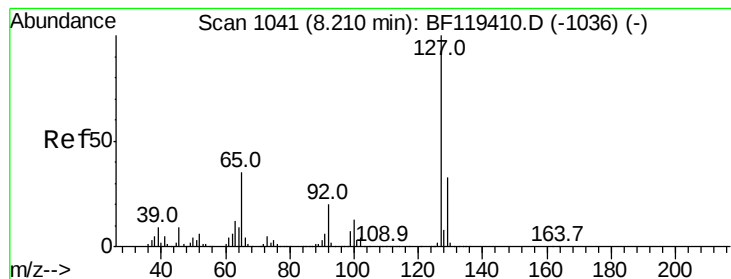
Tot Ion:128 Resp: 2762698
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.2 11.3 16.9



#32
Benzoic acid
Concen: 50.988 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:122 Resp: 718447
Ion Ratio Lower Upper
122 100
105 120.9 104.9 144.9
77 85.2 74.4 114.4





#33

4-Chloroaniline

Concen: 39.323 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 1268719

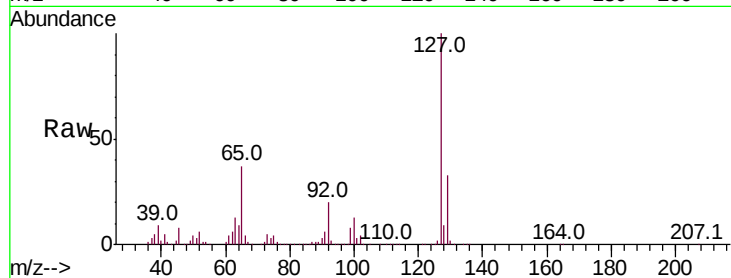
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.4

65 36.7 27.4 41.0

92 20.2 15.3 22.9

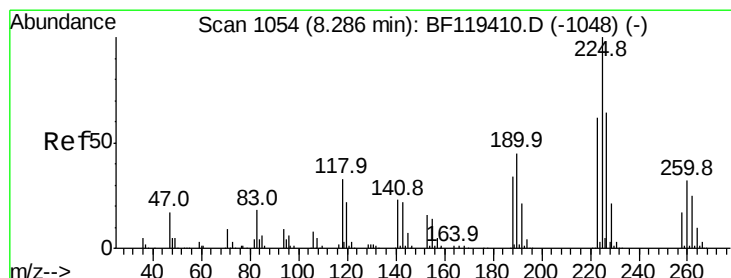
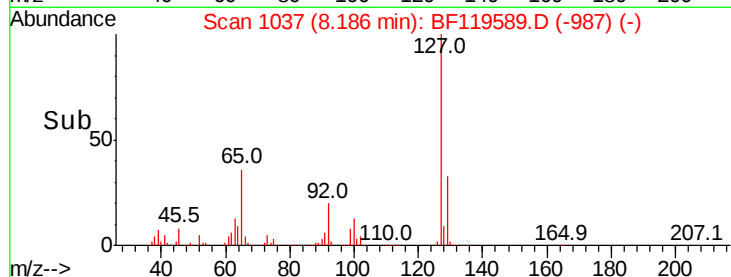
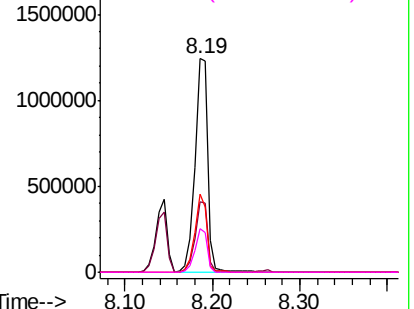


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.744 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

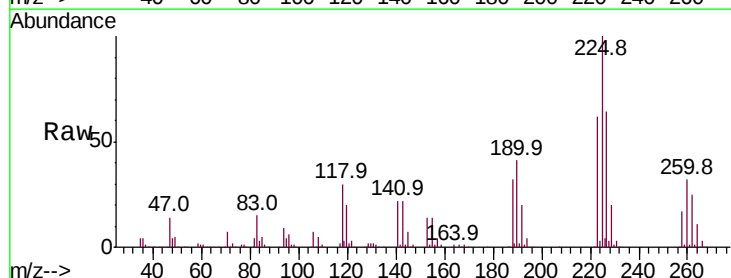
Tgt Ion:225 Resp: 519875

Ion Ratio Lower Upper

225 100

223 62.4 51.0 76.6

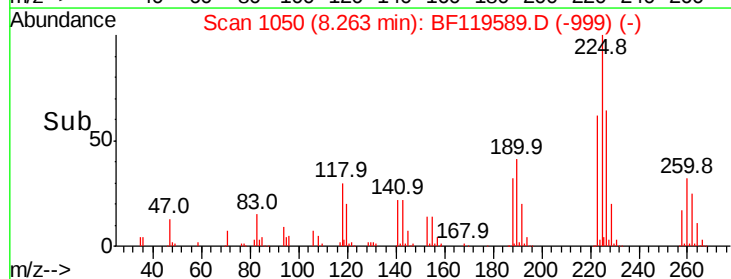
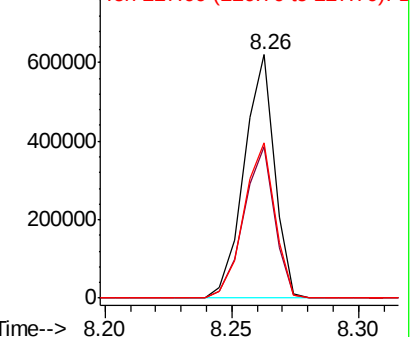
227 63.6 50.7 76.1

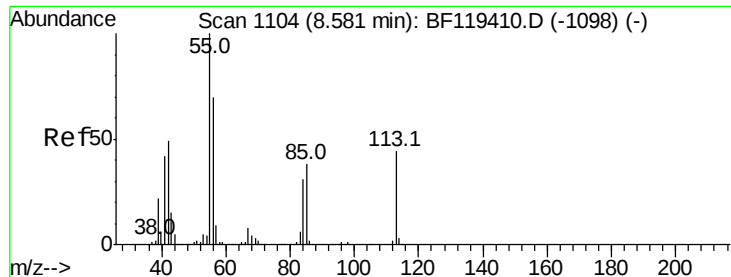


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.516 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

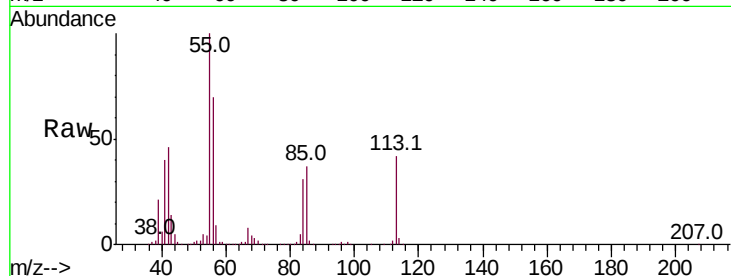
Tot Ion:113 Resp: 273472

Ion Ratio Lower Upper

113 100

55 236.1 218.4 258.4

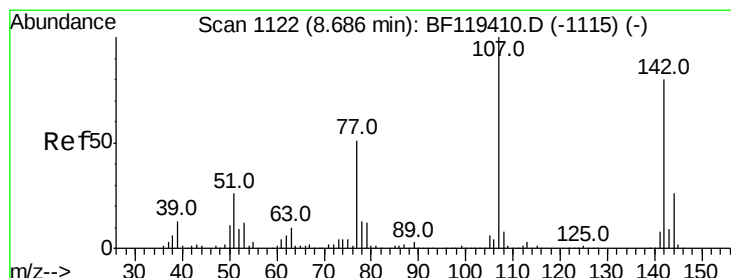
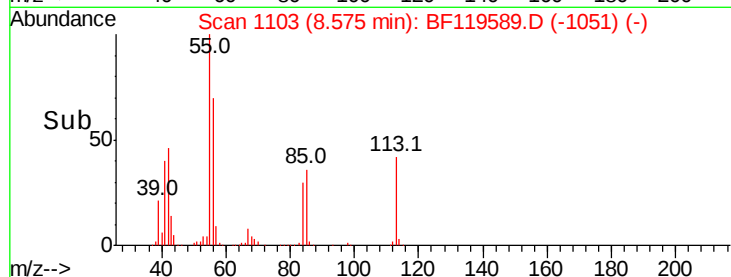
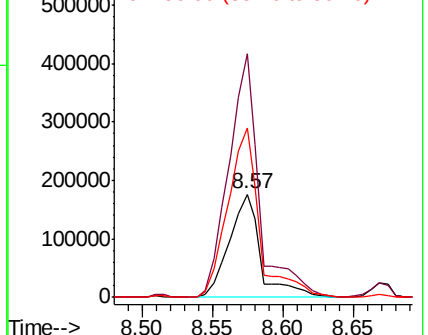
56 164.3 148.9 188.9



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: 40.179 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

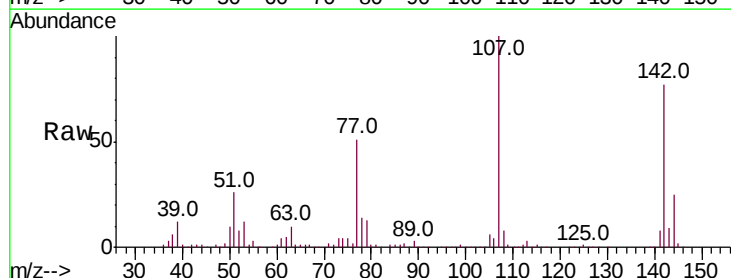
Tgt Ion:107 Resp: 883871

Ion Ratio Lower Upper

107 100

144 25.0 21.0 31.6

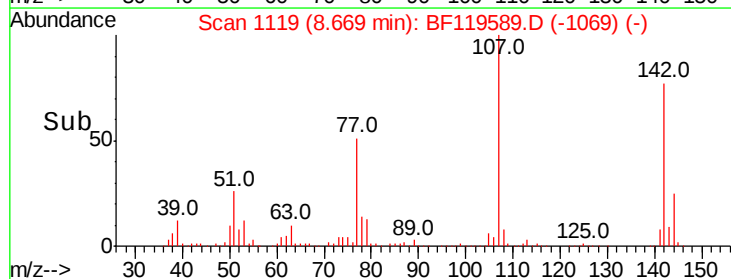
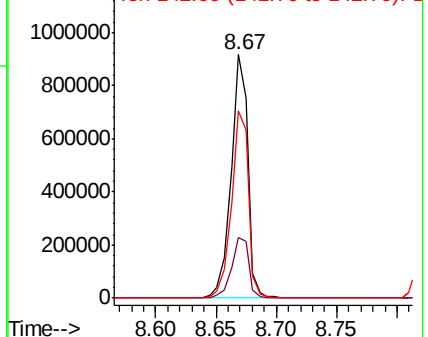
142 77.1 64.4 96.6

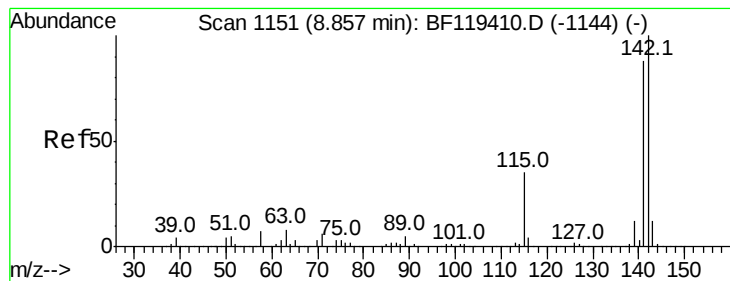


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.783 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

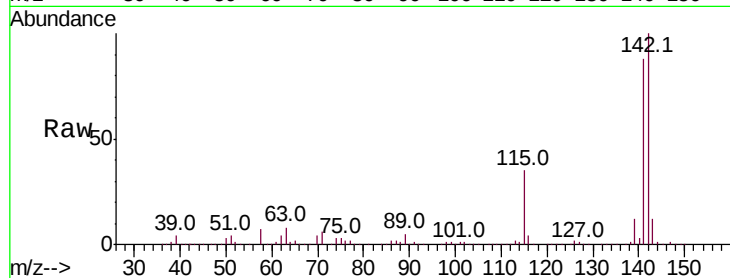
Tot Ion:142 Resp: 1930833

Ion Ratio Lower Upper

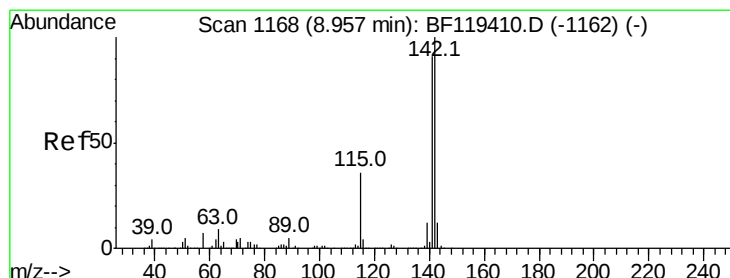
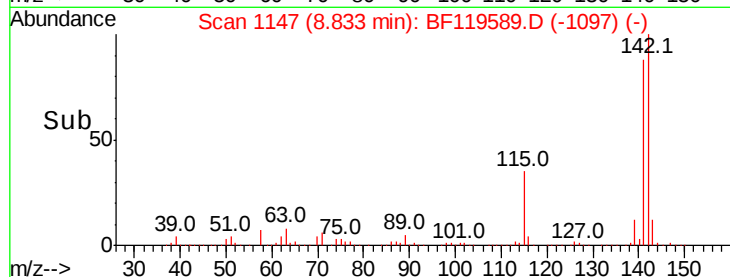
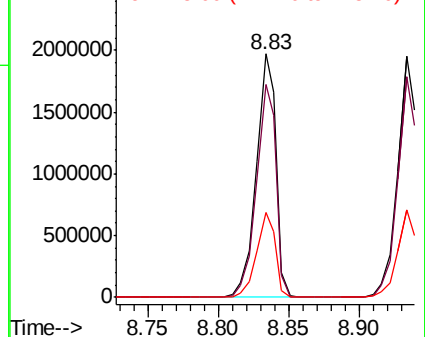
142 100

141 87.5 71.7 107.5

115 34.8 27.9 41.9



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: 41.312 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

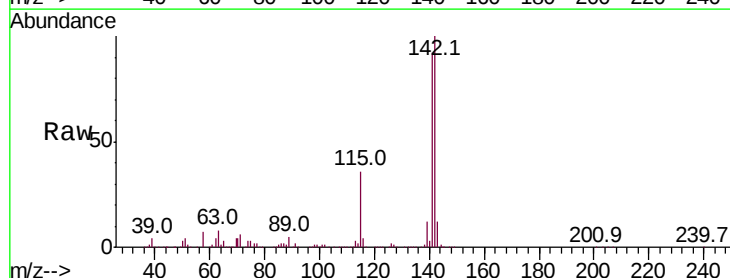
Tgt Ion:142 Resp: 1806951

Ion Ratio Lower Upper

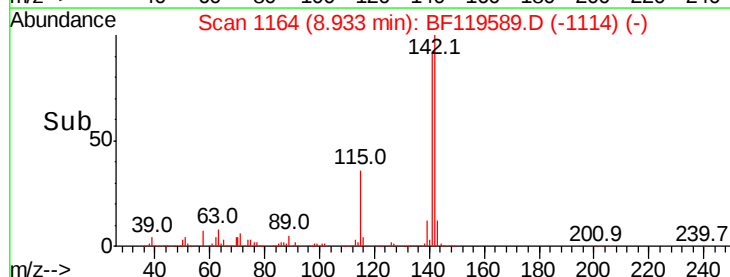
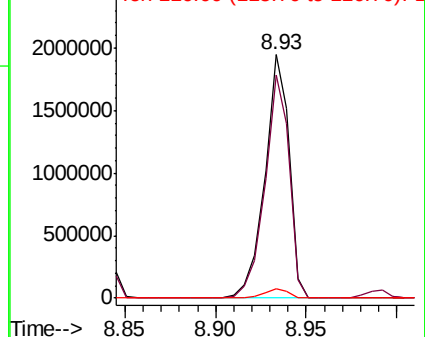
142 100

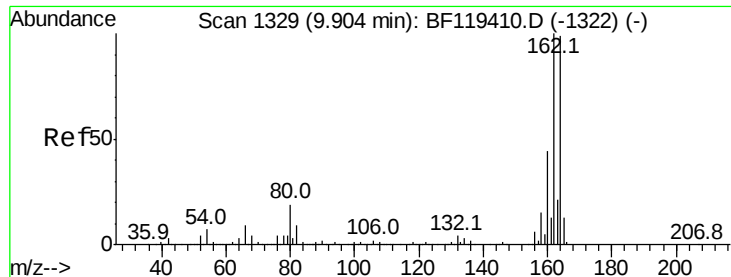
141 91.6 73.7 110.5

116 4.0 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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

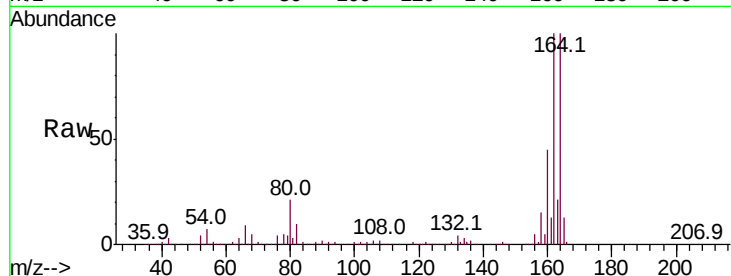
Tot Ion:164 Resp: 725528

Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

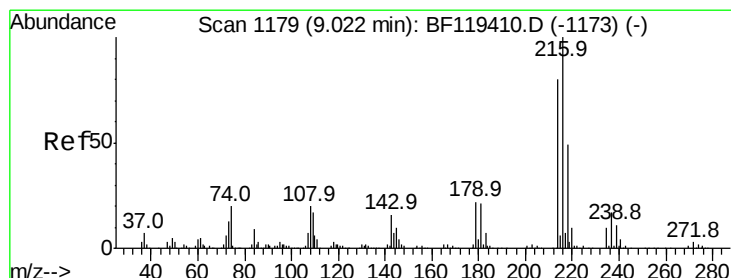
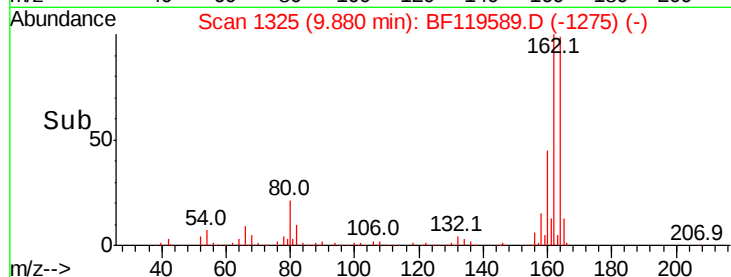
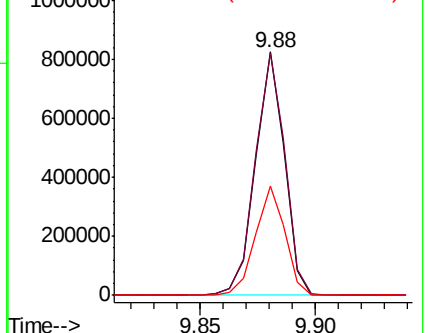
160 44.9 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.712 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Tgt Ion:216 Resp: 844509

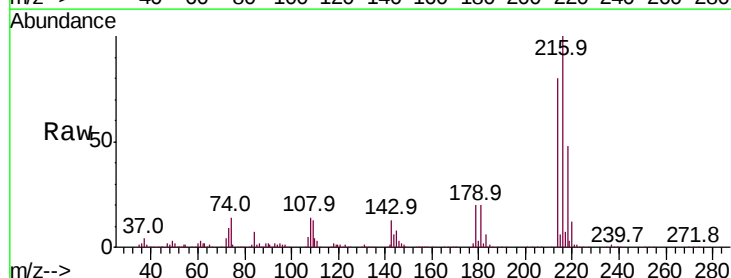
Ion Ratio Lower Upper

216 100

214 80.0 63.2 94.8

179 21.1 17.1 25.7

108 18.7 15.1 22.7

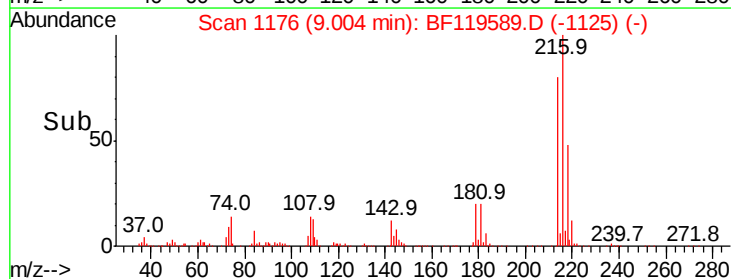
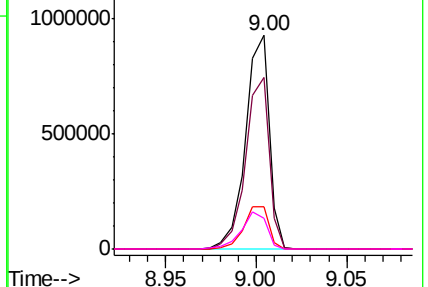


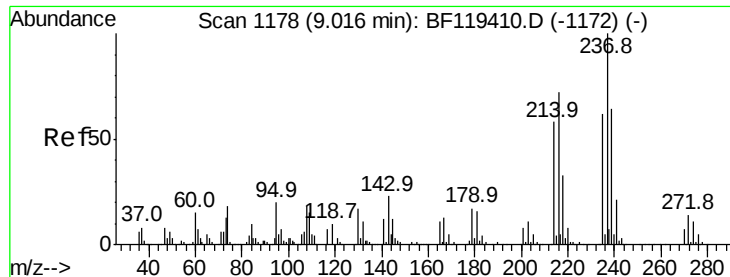
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.192 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

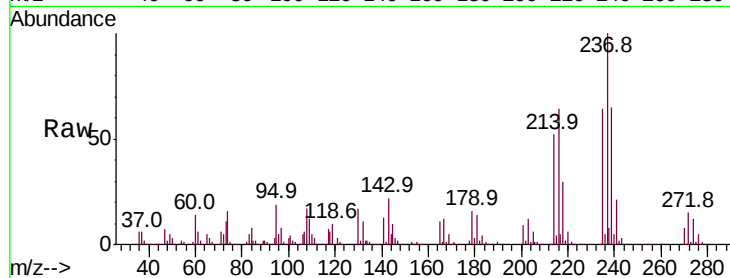
Tot Ion:237 Resp: 437555

Ion Ratio Lower Upper

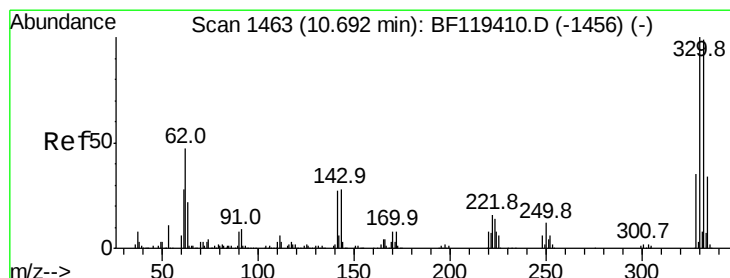
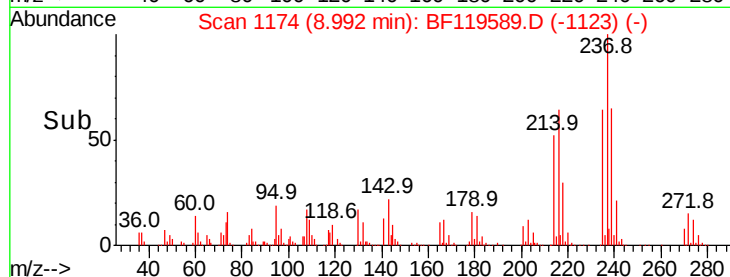
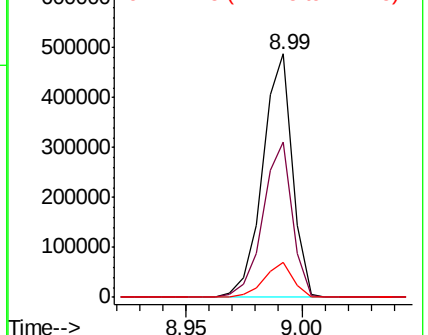
237 100

235 63.9 43.2 83.2

272 14.5 0.0 34.1



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: 86.118 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

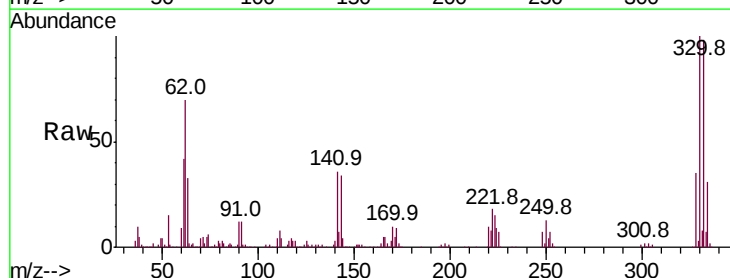
Tgt Ion:330 Resp: 644596

Ion Ratio Lower Upper

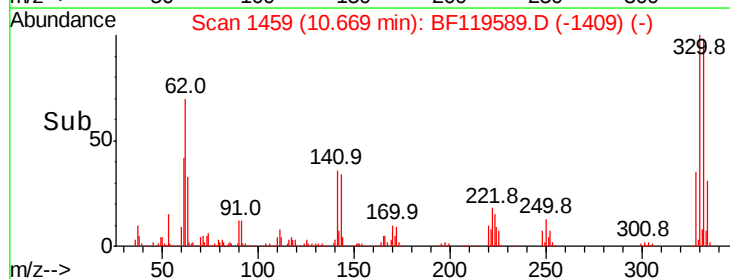
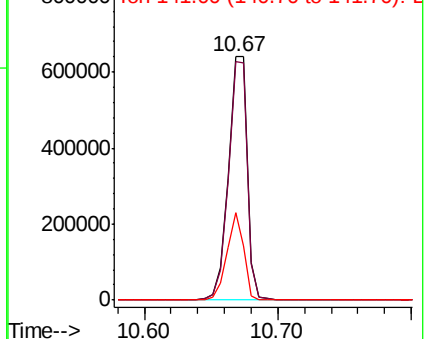
330 100

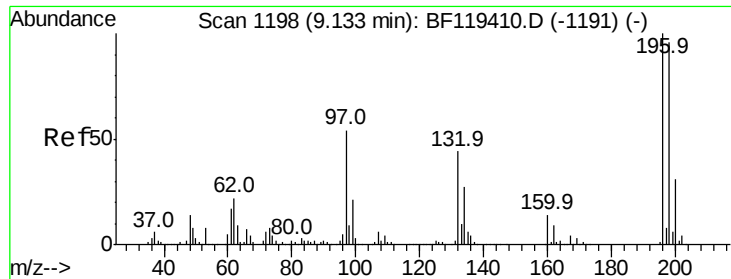
332 97.6 75.7 113.5

141 31.9 25.4 38.0



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

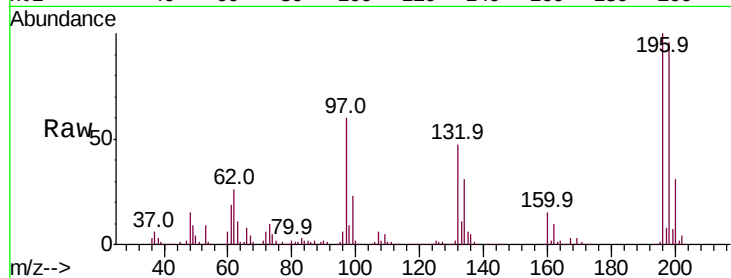




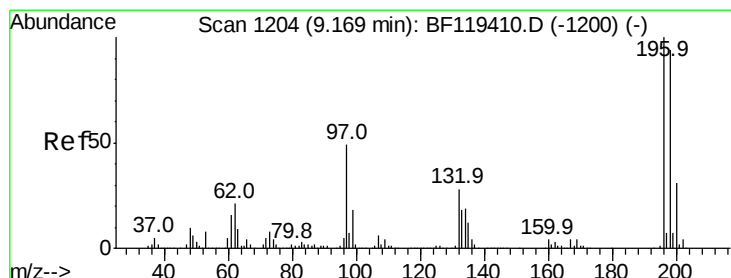
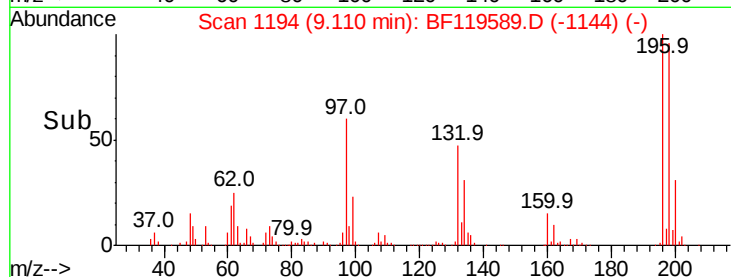
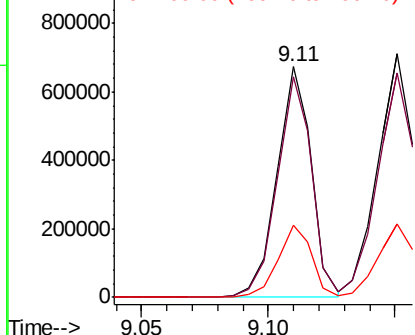
#43
 2,4,6-Trichlorophenol
 Concen: 41.853 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 636928
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 115.0
 200 31.0 24.6 36.8

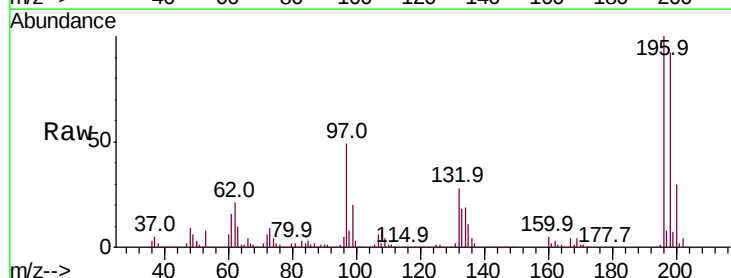


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

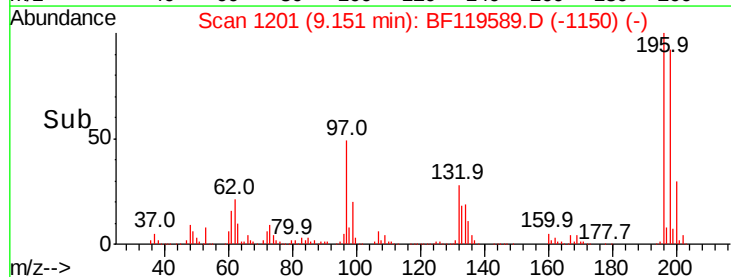
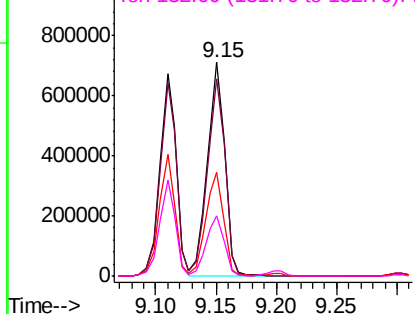


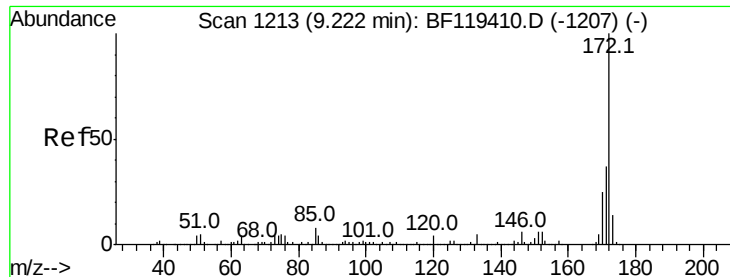
#44
 2,4,5-Trichlorophenol
 Concen: 41.357 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

Tgt Ion:196 Resp: 705047
 Ion Ratio Lower Upper
 196 100
 198 92.4 73.8 110.8
 97 48.7 42.6 63.8
 132 28.1 24.0 36.0



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

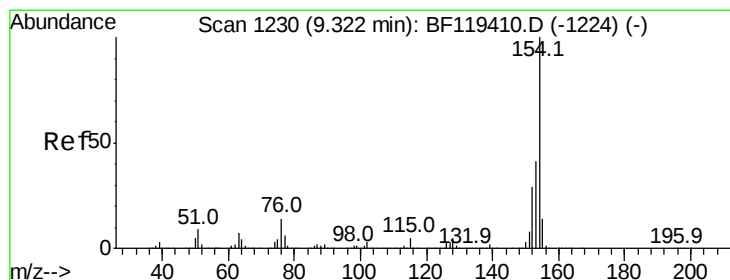
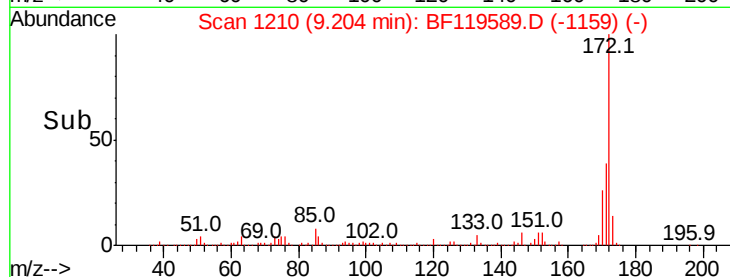
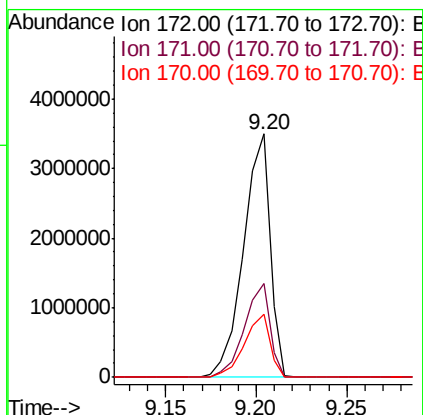
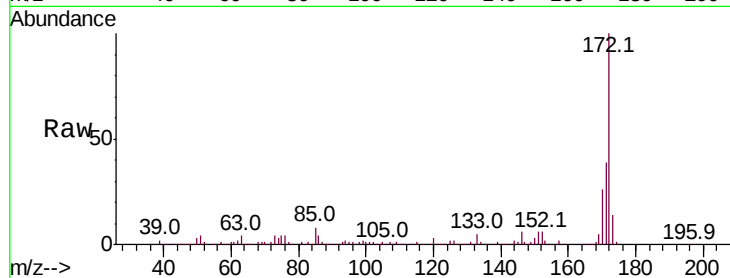




#45
2-Fluorobiphenyl
Concen: 73.099 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

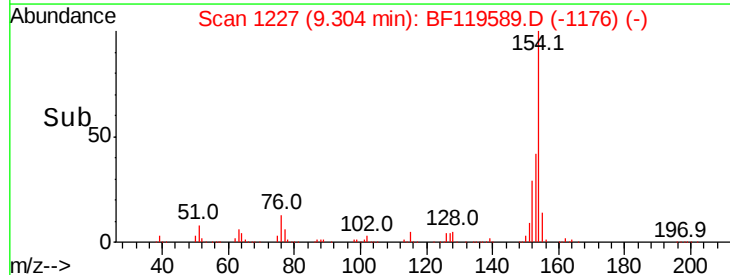
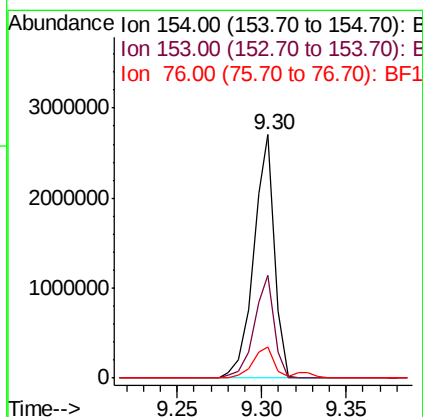
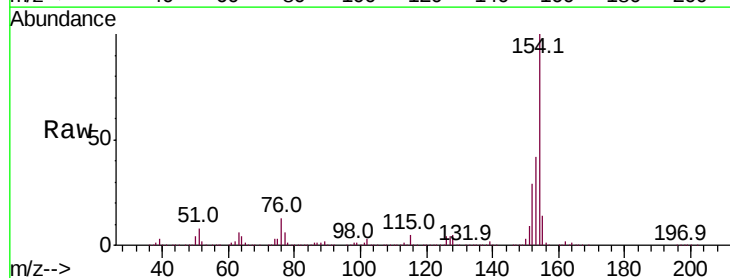
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

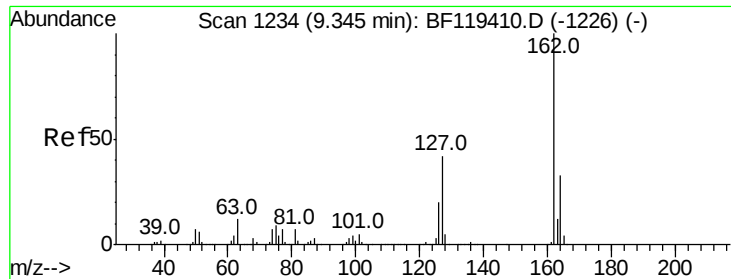
Tot Ion:172 Resp: 3579916
Ion Ratio Lower Upper
172 100
171 38.6 29.6 44.4
170 25.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 39.210 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:154 Resp: 2316925
Ion Ratio Lower Upper
154 100
153 42.1 21.4 61.4
76 12.8 0.0 33.0

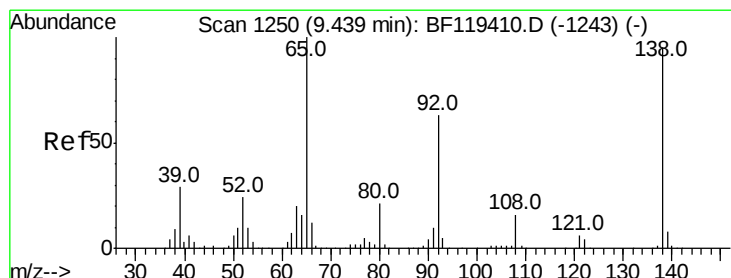
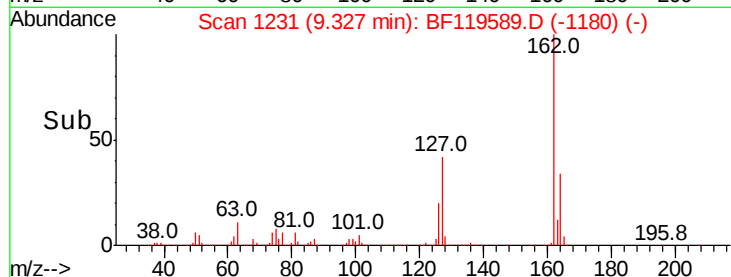
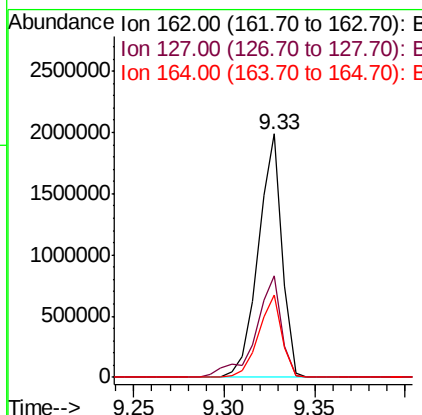
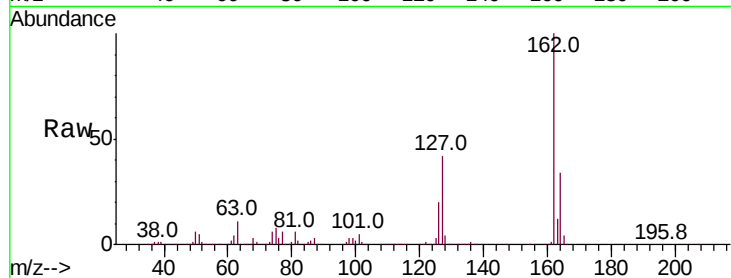




#47
 2-Chloronaphthalene
 Concen: 38.867 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

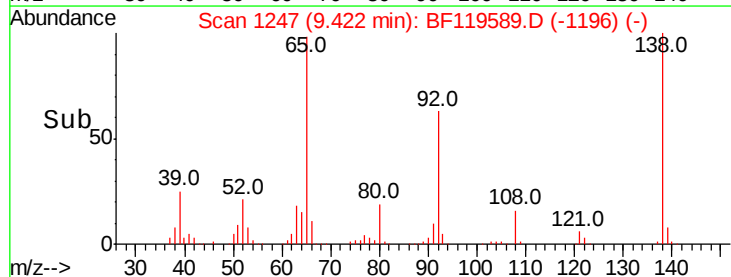
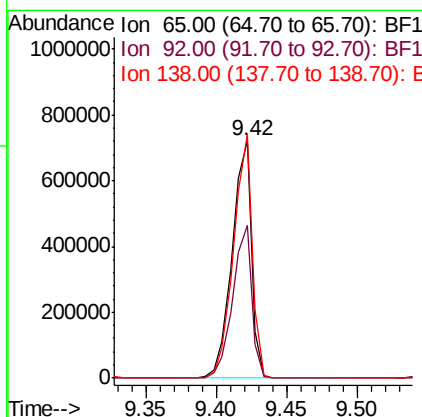
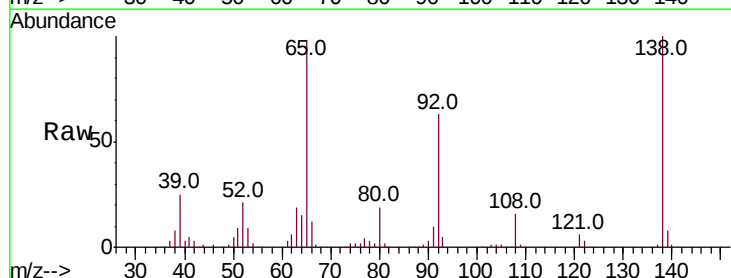
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

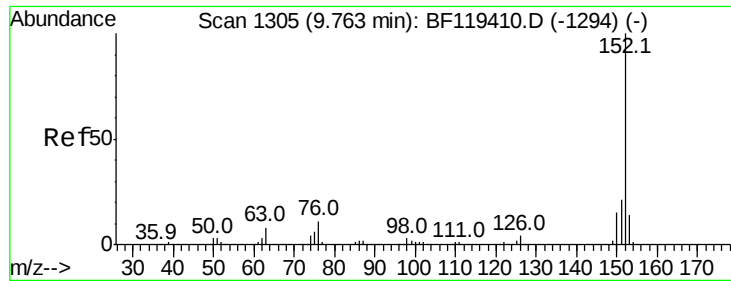
Tot Ion:162 Resp: 1799011
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.7 50.5
 164 34.0 26.3 39.5



#48
 2-Nitroaniline
 Concen: 43.084 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

Tgt Ion: 65 Resp: 688330
 Ion Ratio Lower Upper
 65 100
 92 64.5 50.0 75.0
 138 102.4 75.0 112.4





#49

Acenaphthylene

Concen: 37.926 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

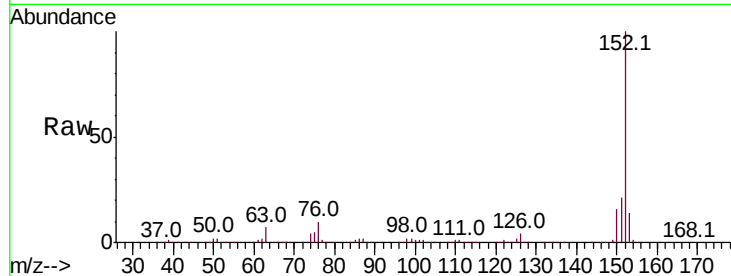
Tot Ion:152 Resp: 2756708

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

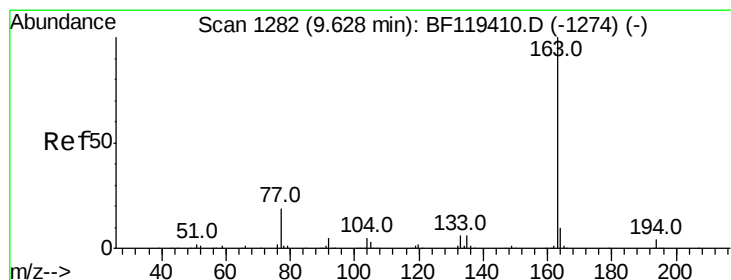
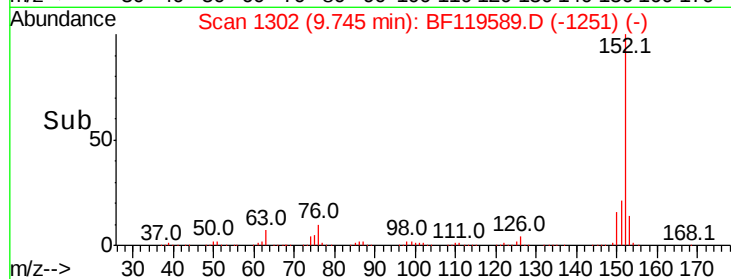
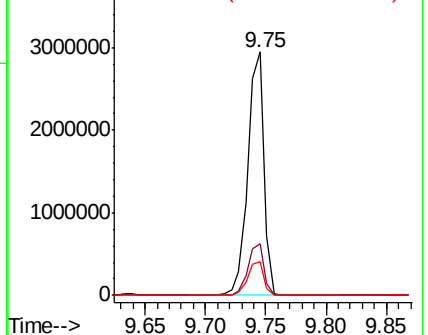
153 13.8 11.2 16.8



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: 39.955 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

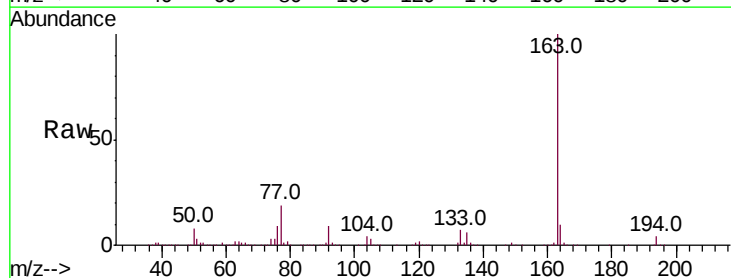
Tgt Ion:163 Resp: 2059048

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

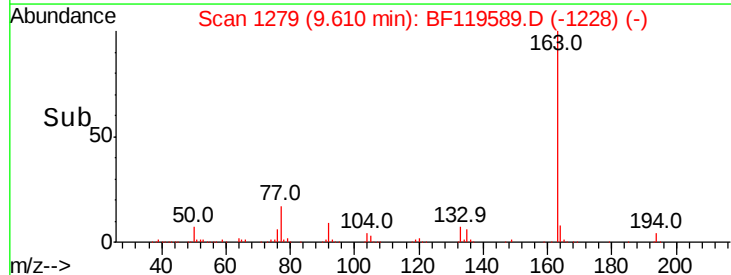
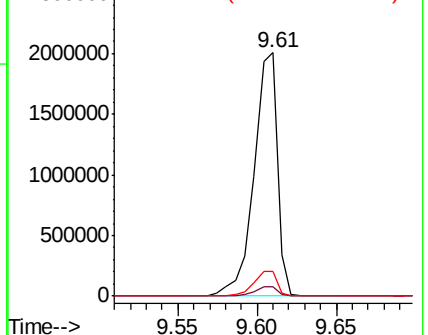
164 10.2 8.2 12.2

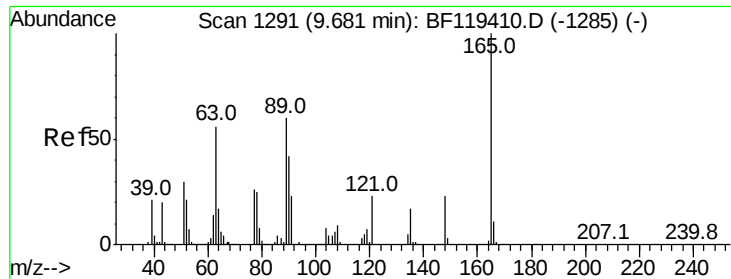


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.223 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

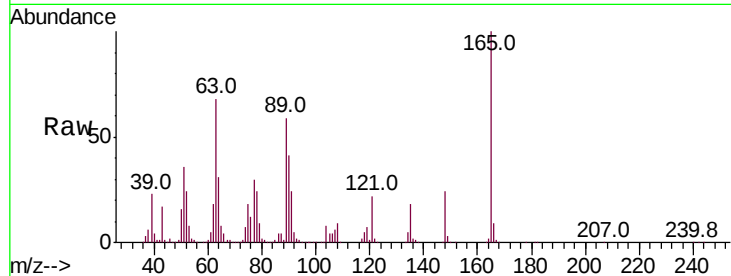
Tot Ion:165 Resp: 499536

Ion Ratio Lower Upper

165 100

63 68.4 45.0 67.4#

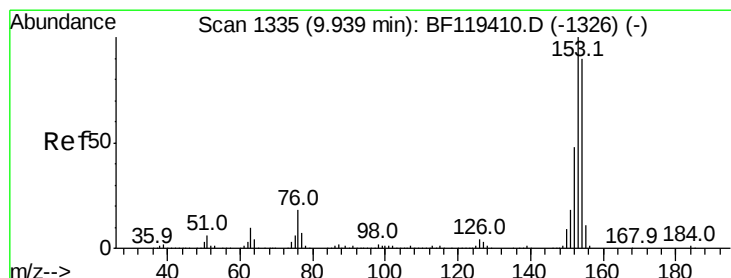
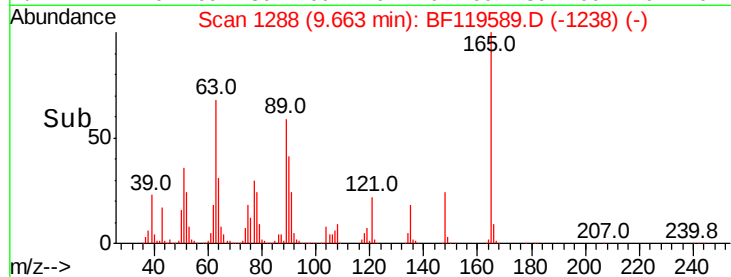
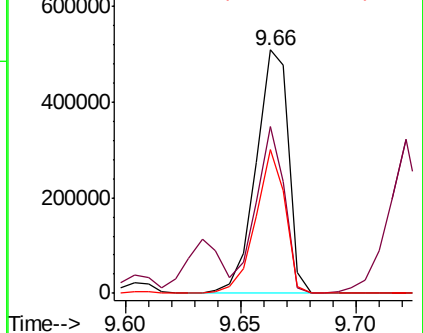
89 59.2 41.5 62.3



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: 40.454 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

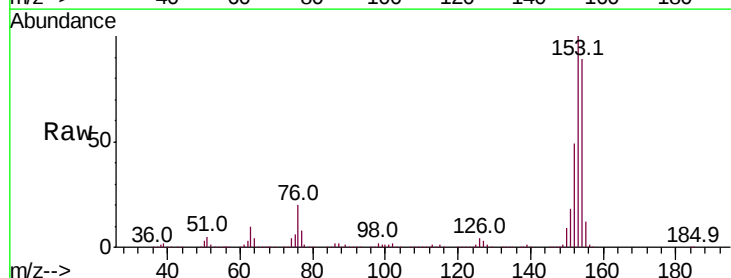
Tgt Ion:154 Resp: 1833119

Ion Ratio Lower Upper

154 100

153 112.4 88.1 132.1

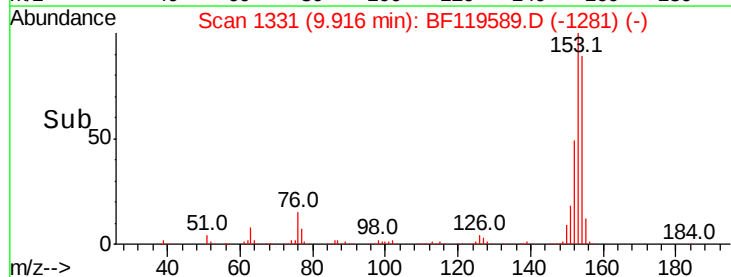
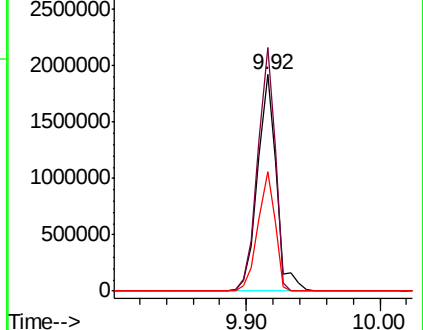
152 54.9 43.0 64.4

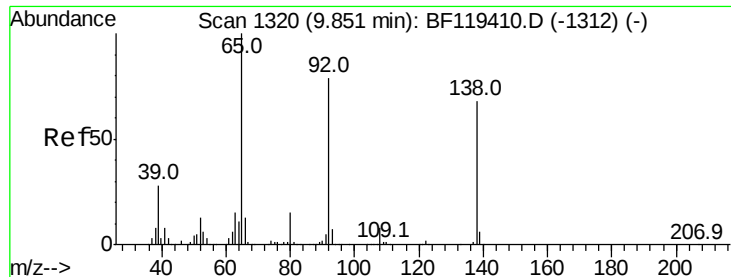


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

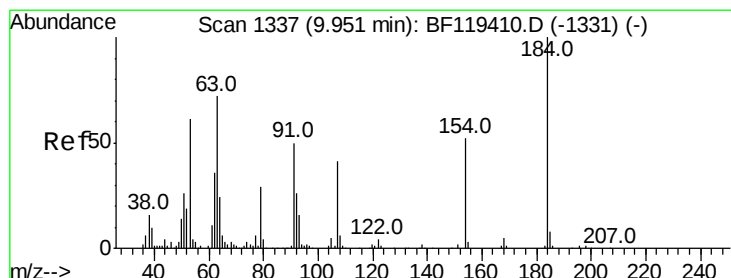
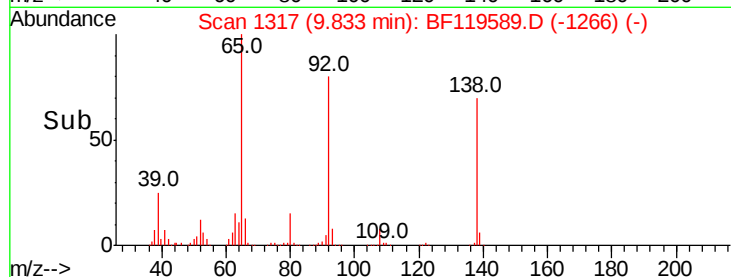
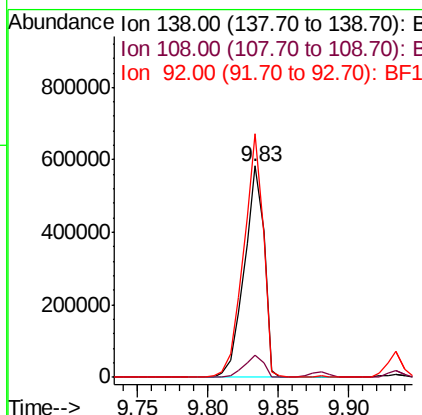
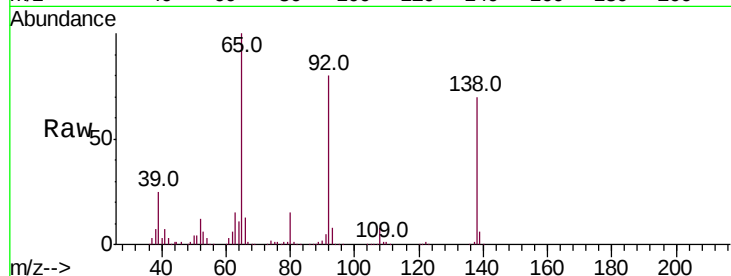




#53
3-Nitroaniline
Concen: 41.149 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

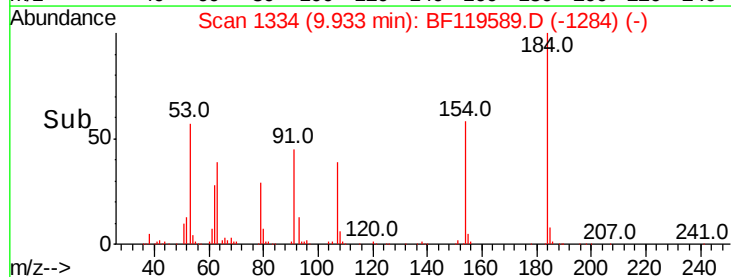
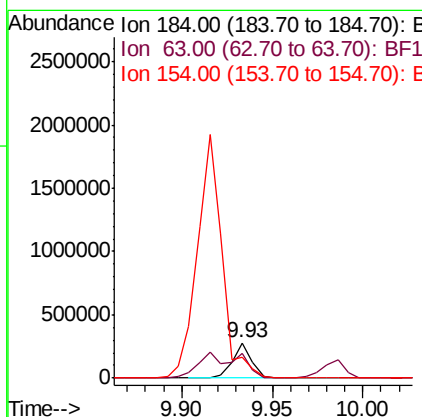
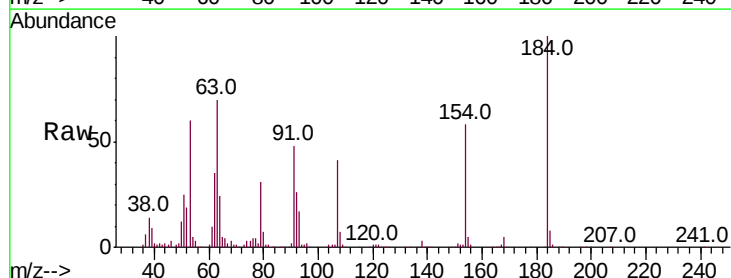
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

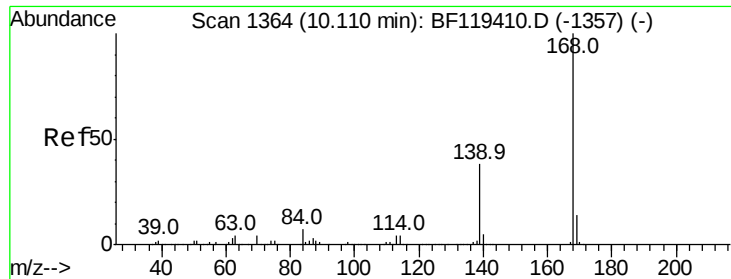
Tot Ion:138 Resp: 573845
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 115.3 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 47.145 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:184 Resp: 209635
Ion Ratio Lower Upper
184 100
63 70.5 50.2 75.4
154 57.8 44.5 66.7

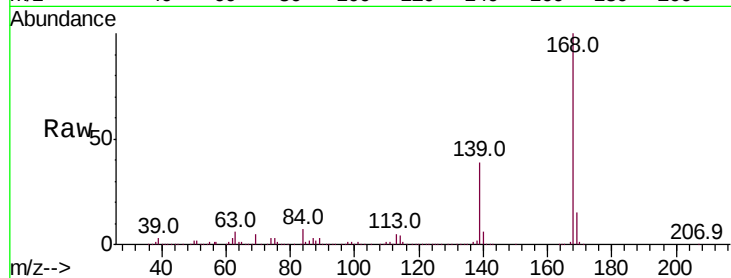




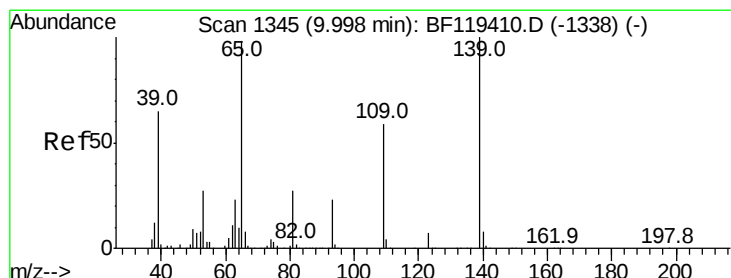
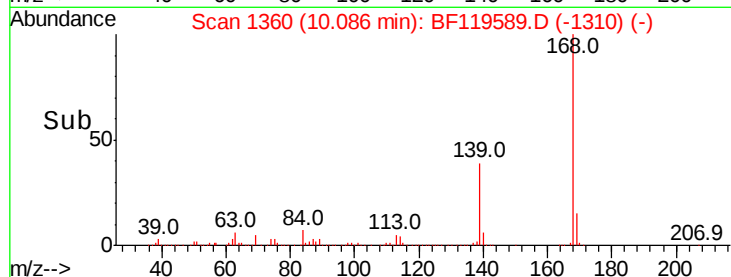
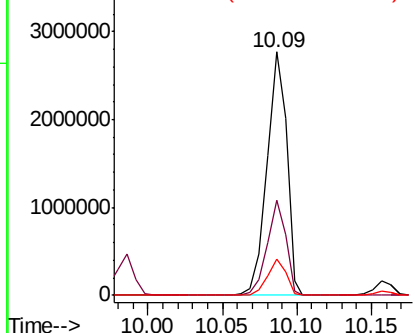
#55
Dibenzofuran
Concen: 38.622 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 2509208
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 14.7 11.0 16.6

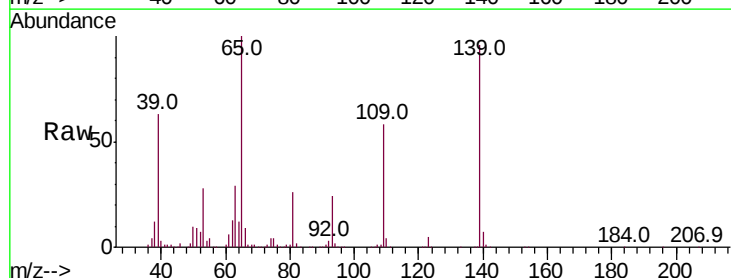


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

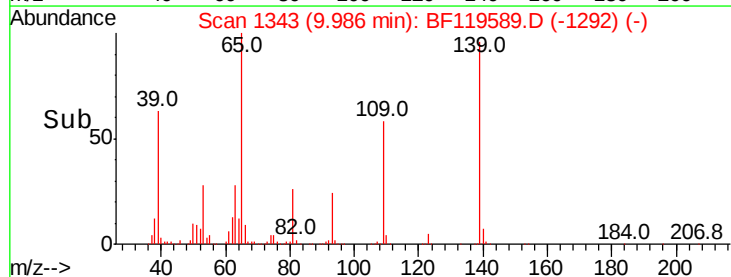
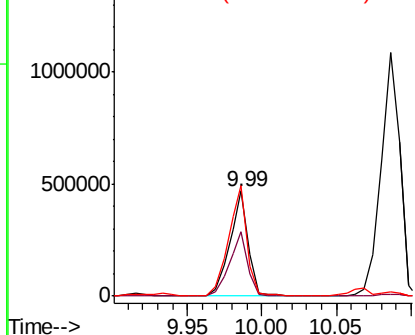


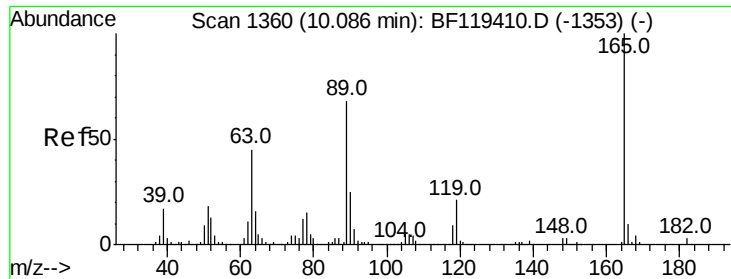
#56
4-Nitrophenol
Concen: 37.406 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:139 Resp: 411517
Ion Ratio Lower Upper
139 100
109 60.7 43.3 83.3
65 104.7 91.0 131.0



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

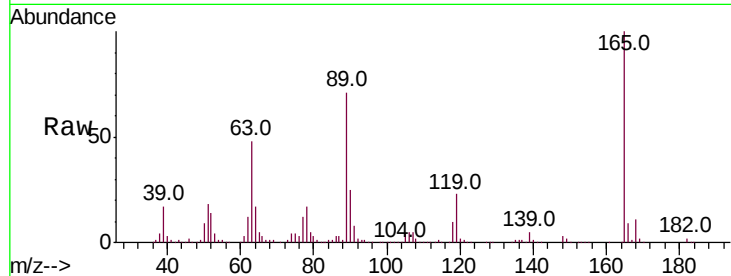




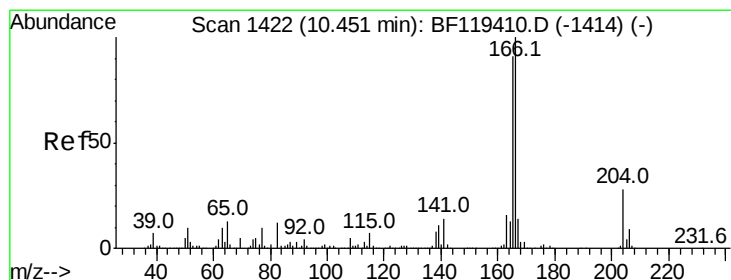
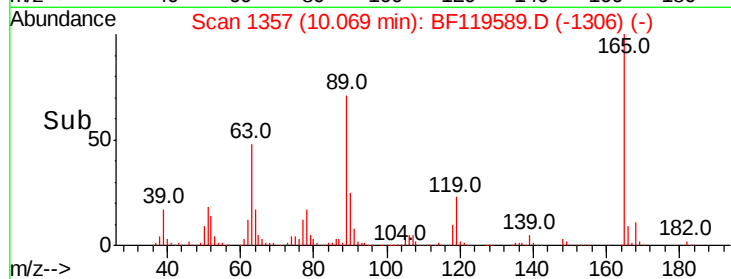
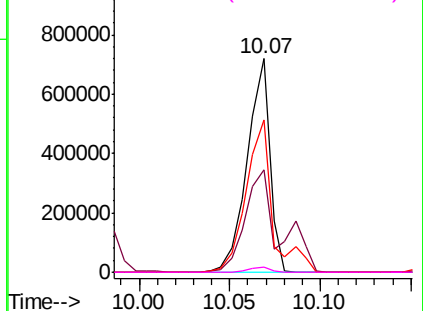
#57
2,4-Dinitrotoluene
Concen: 44.939 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:165 Resp: 625335
Ion Ratio Lower Upper
165 100
63 47.7 42.6 64.0
89 71.1 61.0 91.4
182 2.5 2.2 3.2

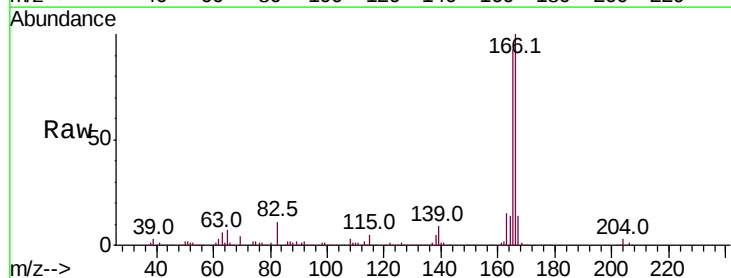


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

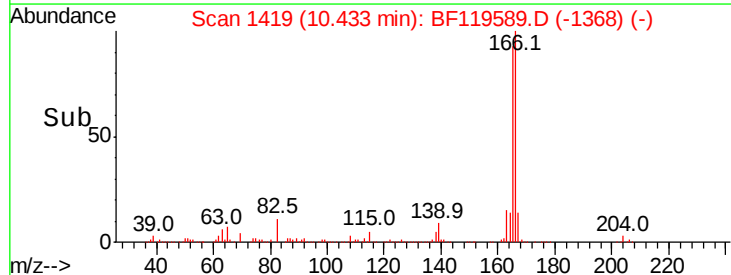
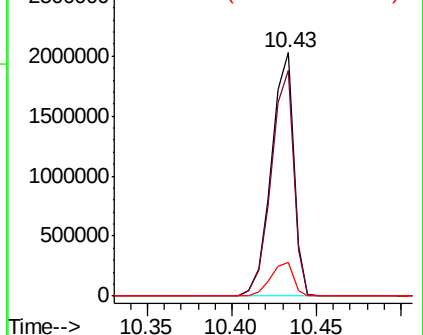


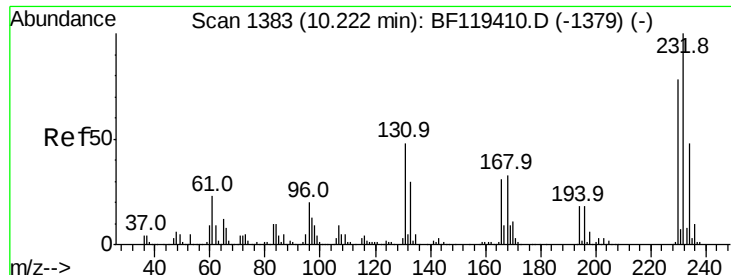
#58
Fluorene
Concen: 38.554 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:166 Resp: 1852271
Ion Ratio Lower Upper
166 100
165 92.9 75.4 113.2
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

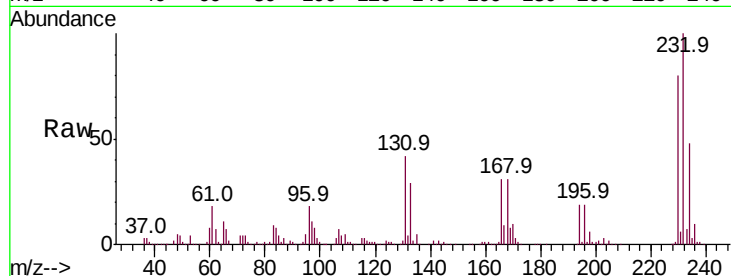




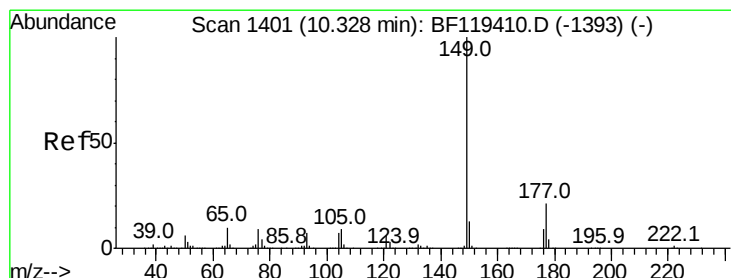
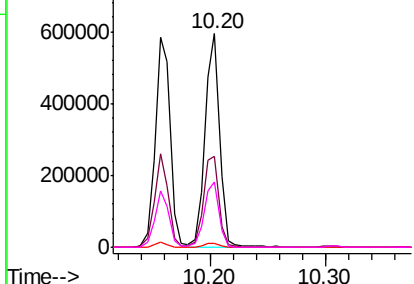
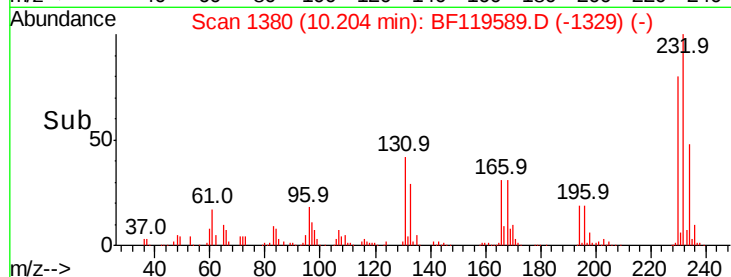
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.101 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:232 Resp: 523750
 Ion Ratio Lower Upper
 232 100
 131 45.1 37.5 56.3
 130 1.9 1.8 2.6
 166 31.5 24.6 36.8

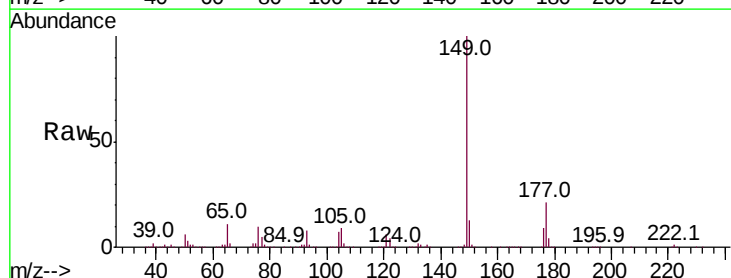


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

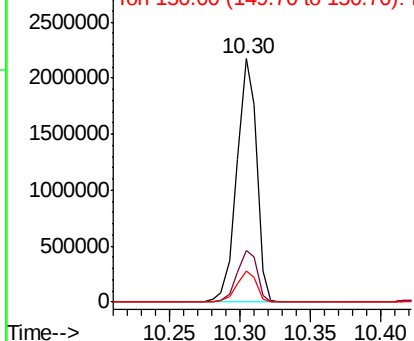
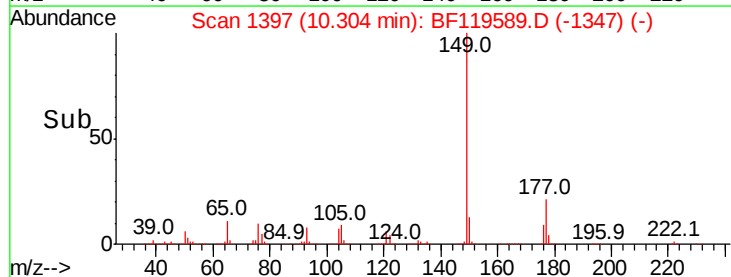


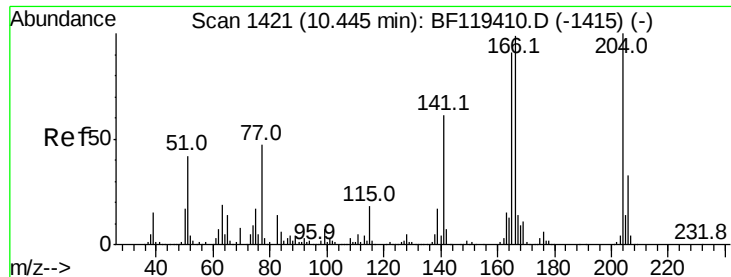
#60
 Diethylphthalate
 Concen: 40.390 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

Tgt Ion:149 Resp: 2112576
 Ion Ratio Lower Upper
 149 100
 177 21.2 17.0 25.6
 150 12.9 10.1 15.1



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

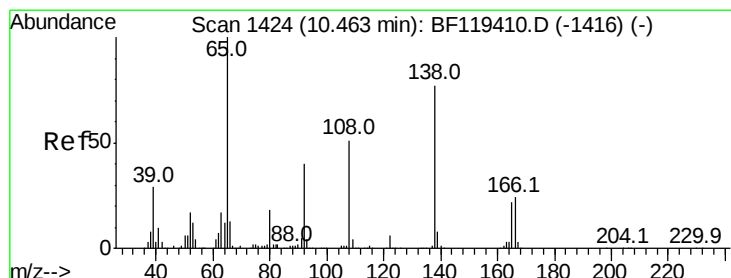
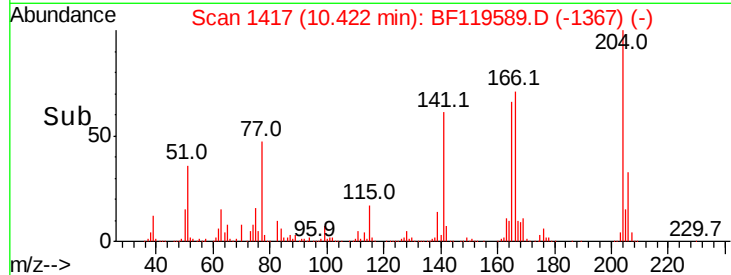
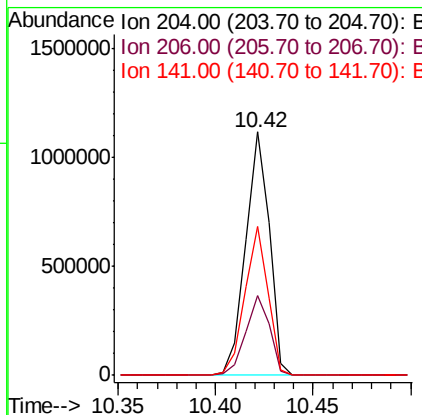
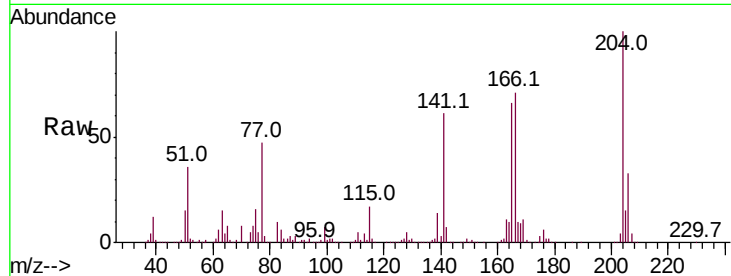




#61
 4-Chlorophenyl-phenylether
 Concen: 40.080 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

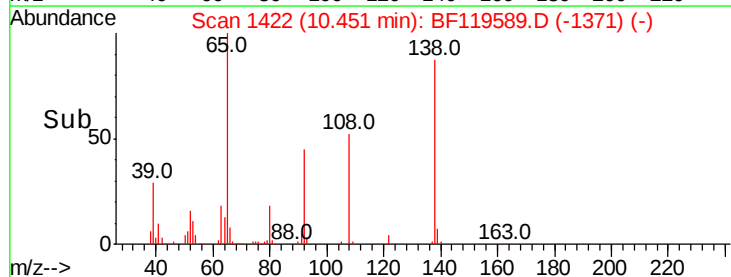
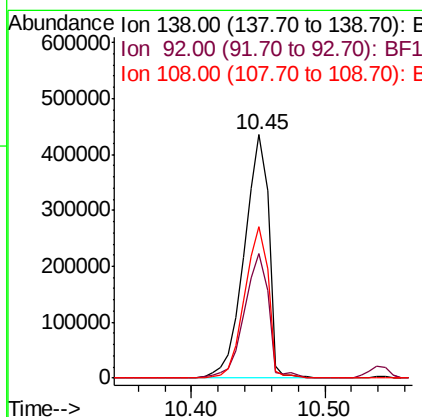
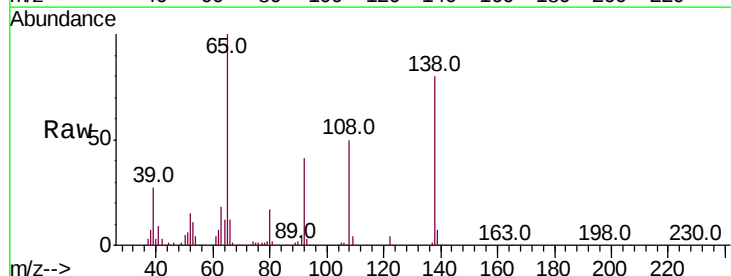
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

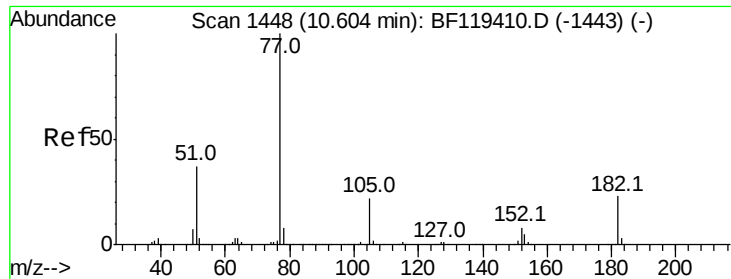
Tot Ion:	204	Resp:	941628
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	61.2	47.3	70.9



#62
 4-Nitroaniline
 Concen: 40.967 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

Tgt Ion:	138	Resp:	547848
Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.5	71.5
108	62.4	45.8	85.8





#63

Azobenzene

Concen: 38.075 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 2005448

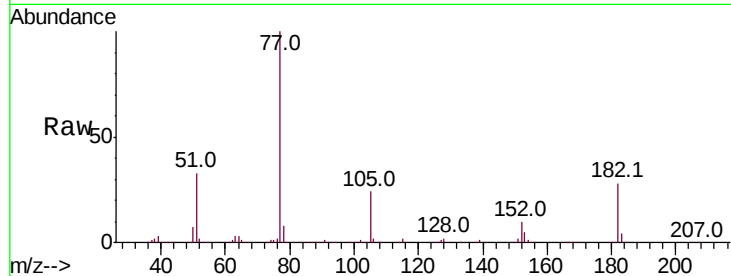
Ion Ratio Lower Upper

77 100

182 28.2 4.4 44.4

105 24.0 2.6 42.6

51 33.1 15.1 55.1

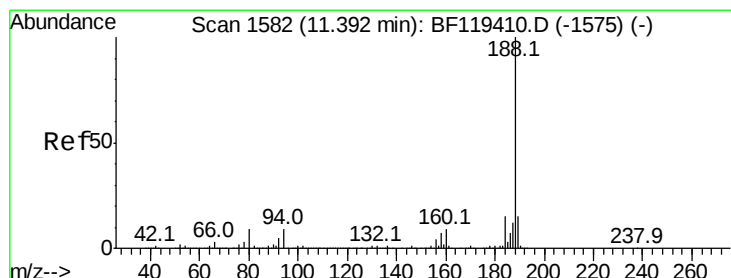
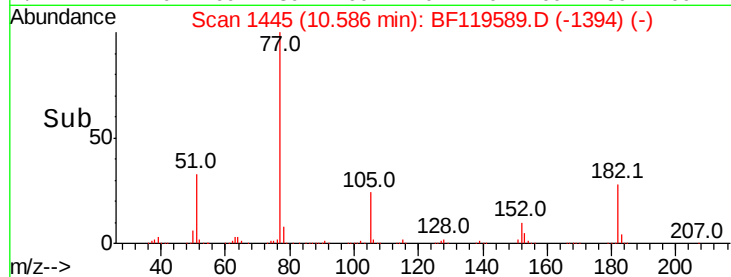
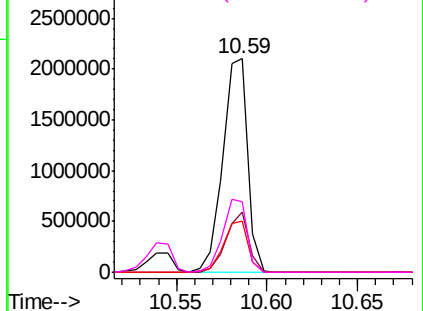


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

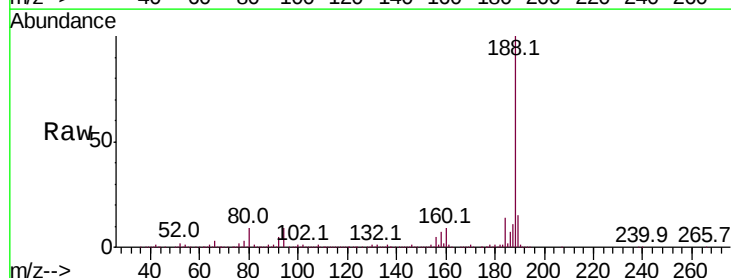
Tgt Ion: 188 Resp: 1278250

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

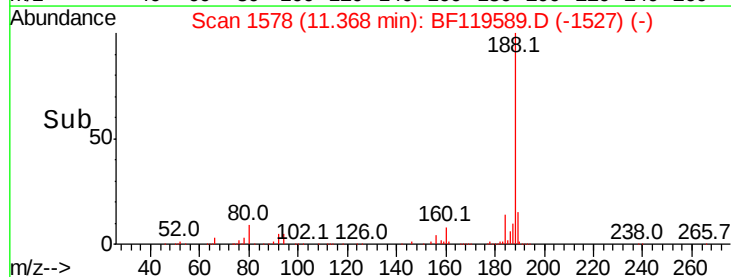
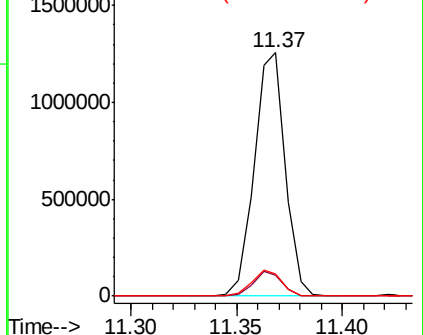
80 9.0 9.0 13.4

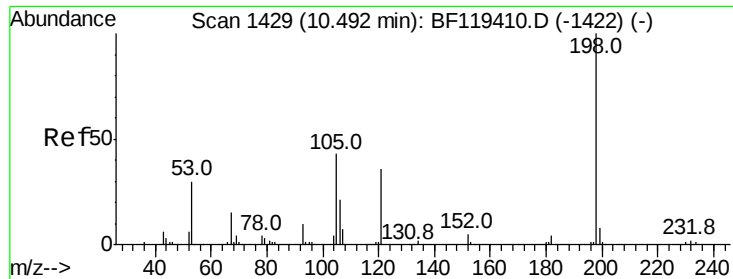


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 54.634 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

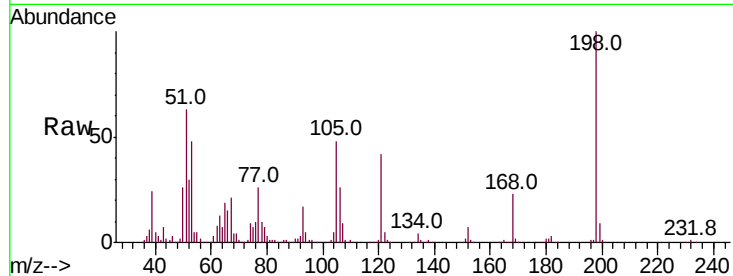
Tot Ion:198 Resp: 292843

Ion Ratio Lower Upper

198 100

51 62.5 29.0 69.0

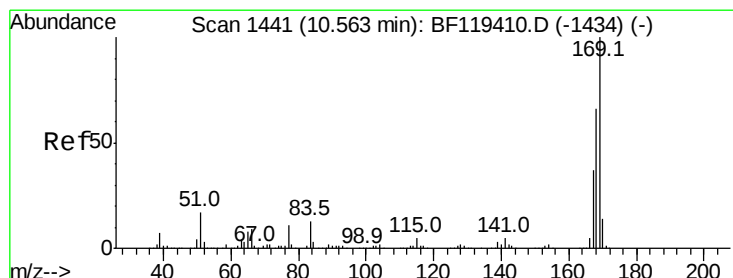
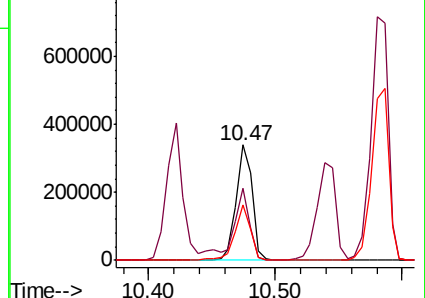
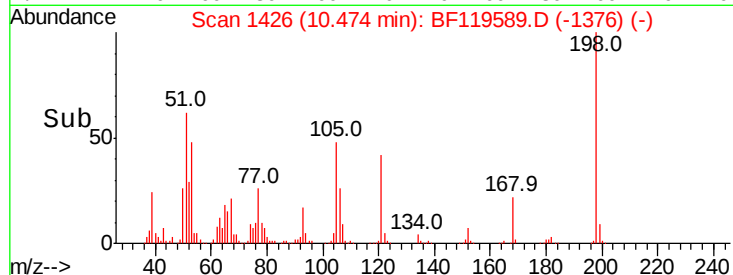
105 47.5 22.2 62.2



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: 41.147 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

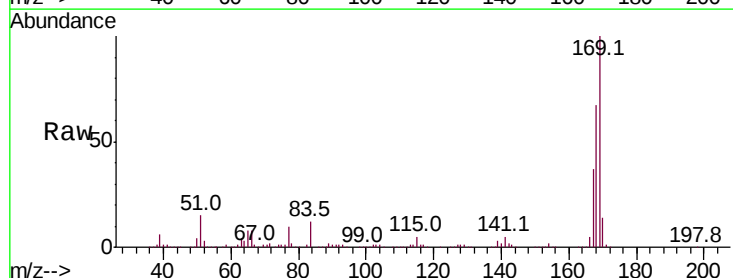
Tgt Ion:169 Resp: 1726636

Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

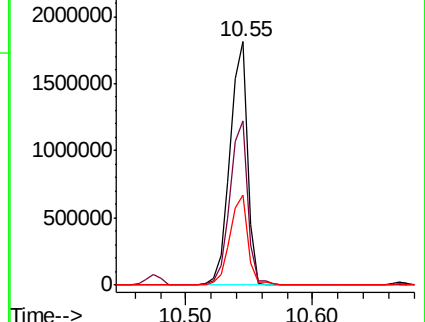
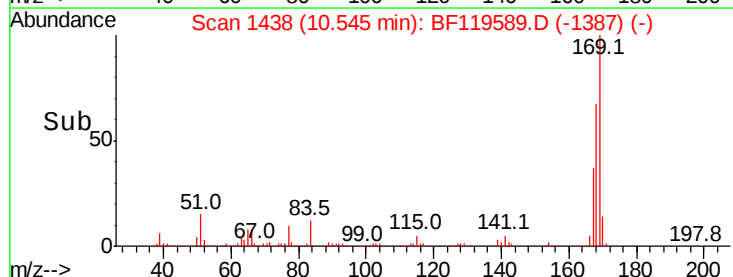
167 36.8 29.1 43.7

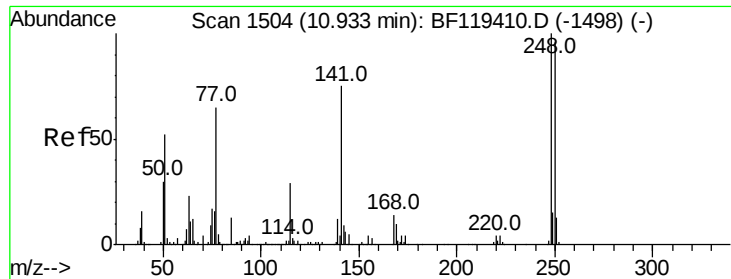


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

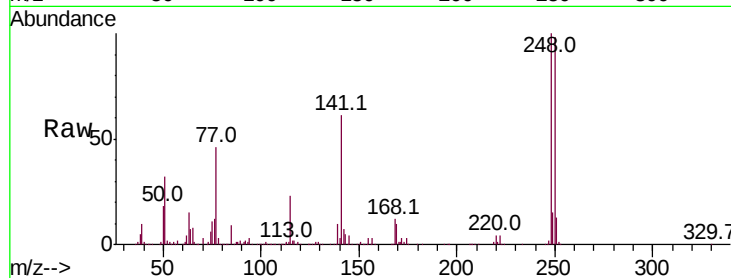




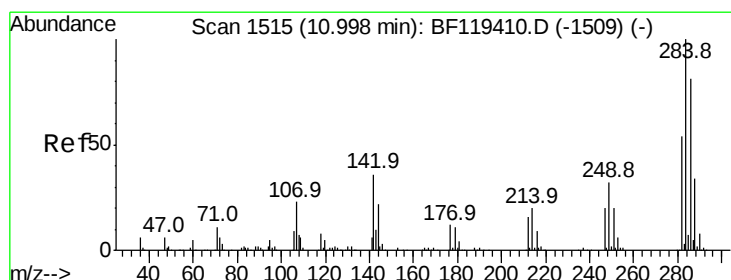
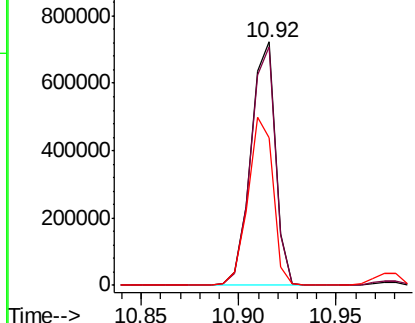
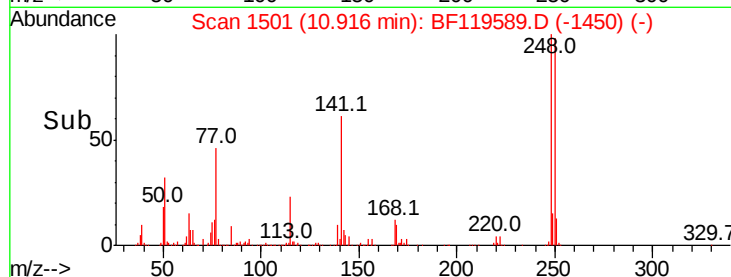
#67
4-Bromophenyl-phenylether
Concen: 43.695 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 636098
Ion Ratio Lower Upper
248 100
250 97.8 77.3 115.9
141 60.7 58.6 87.8

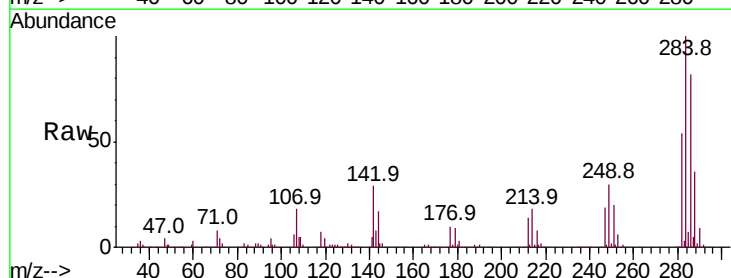


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

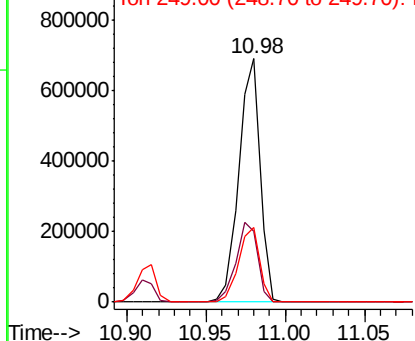
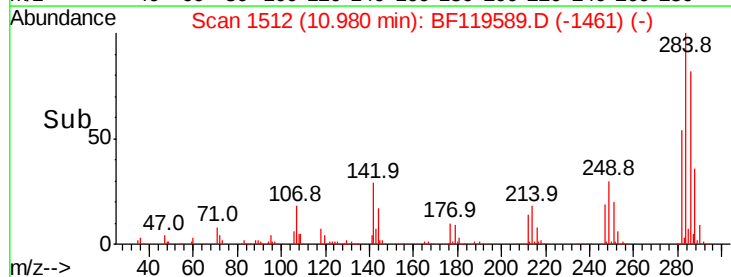


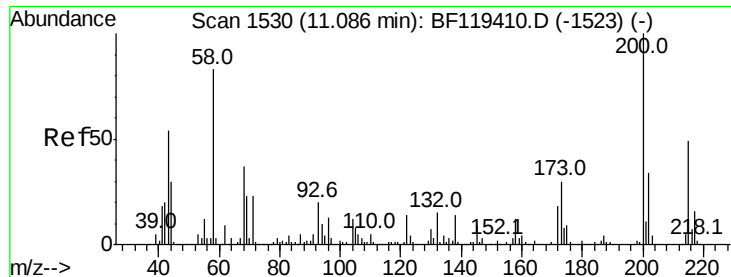
#68
Hexachlorobenzene
Concen: 42.961 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:284 Resp: 640089
Ion Ratio Lower Upper
284 100
142 29.1 29.2 43.8#
249 30.5 25.1 37.7



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

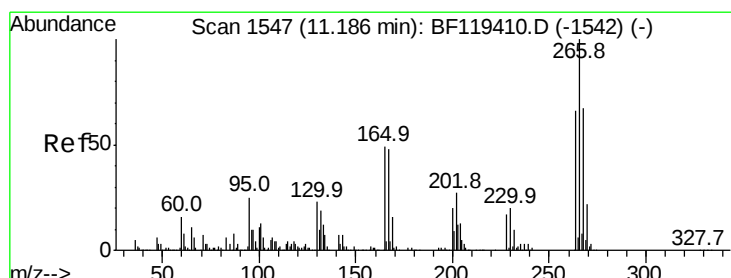
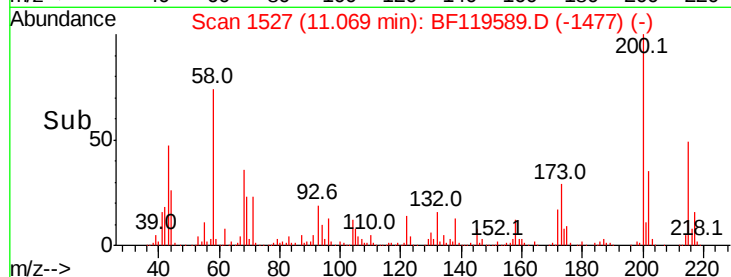
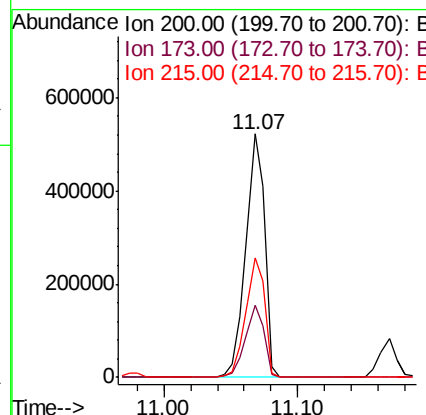
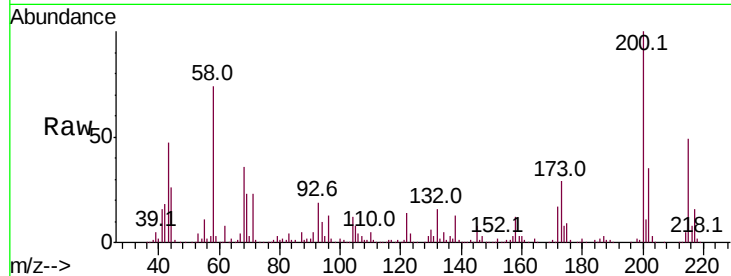




#69
Atrazine
Concen: 44.518 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

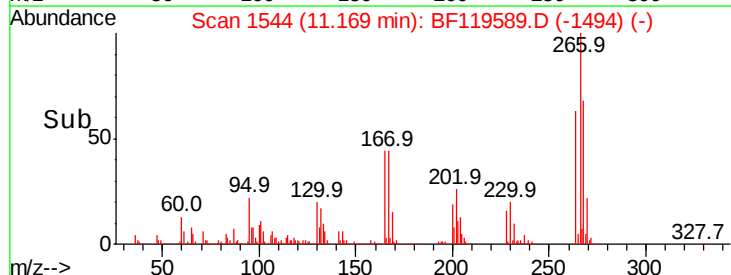
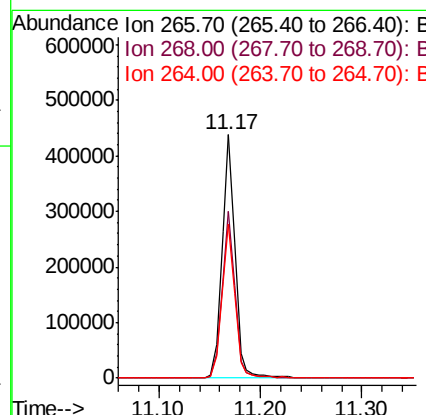
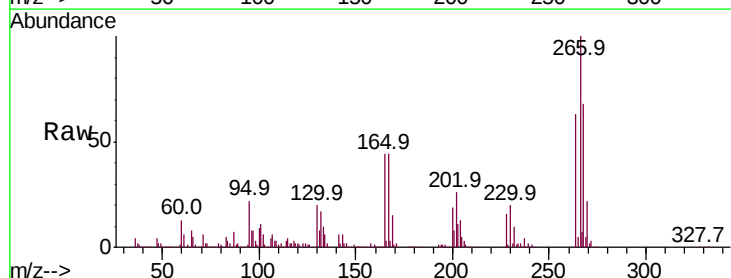
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

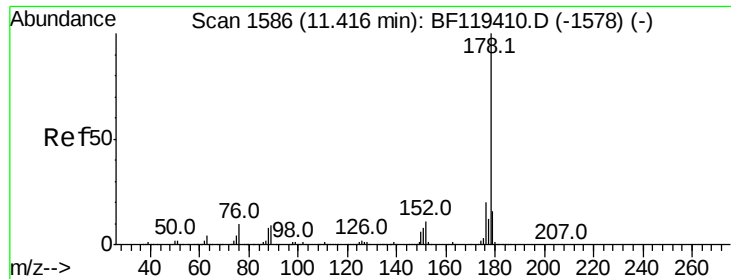
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	9.3	49.3
215	49.0	29.5	69.5



#70
Pentachlorophenol
Concen: 44.803 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.5	53.3	79.9
264	63.0	49.0	73.4

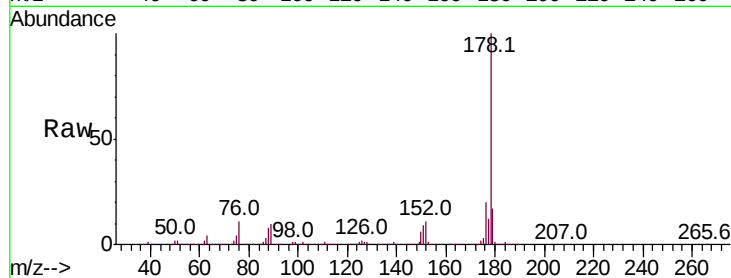




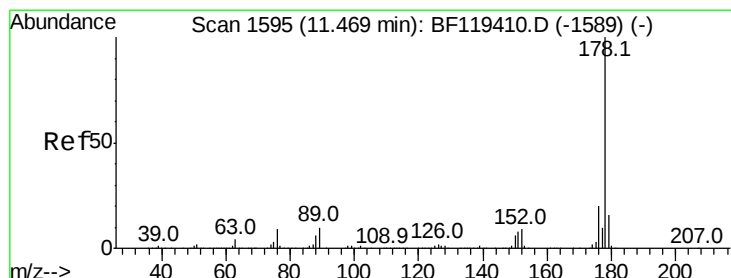
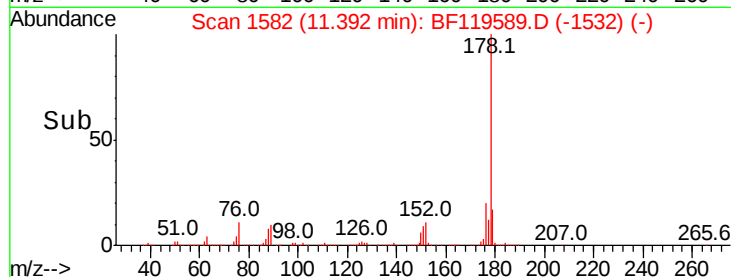
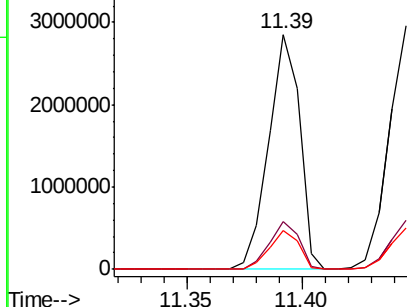
#71
Phenanthrene
Concen: 40.292 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 2670574
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.7 13.2 19.8

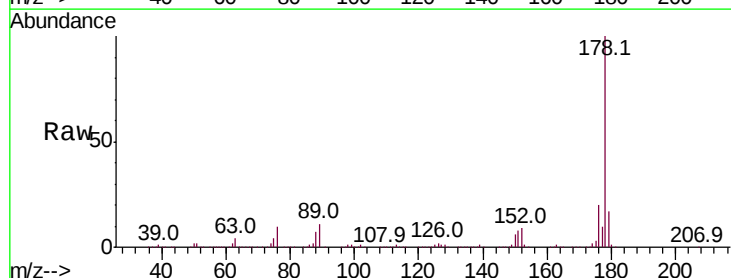


Abundance Ion 178.00 (177.70 to 178.70): E
4000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

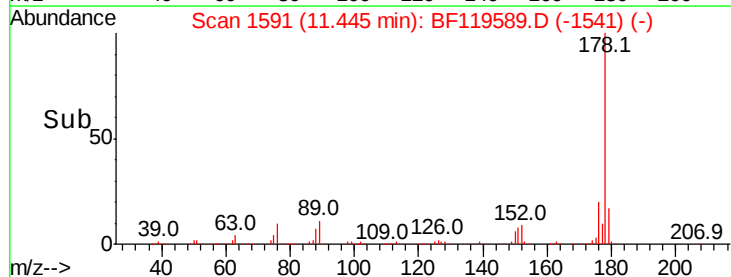
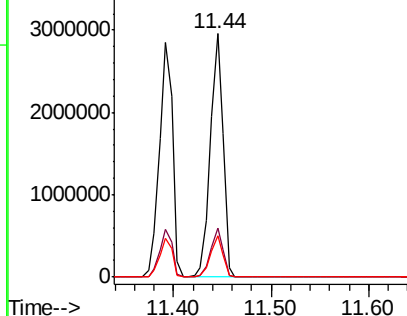


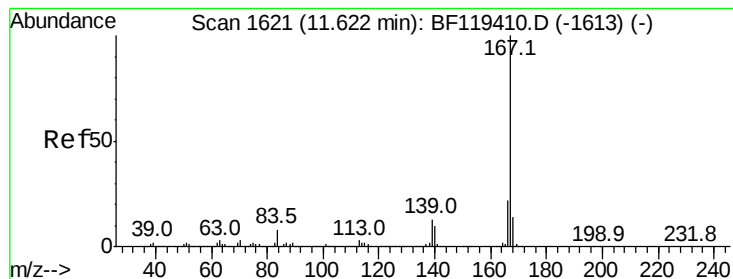
#72
Anthracene
Concen: 39.960 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:178 Resp: 2691847
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
4000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.206 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

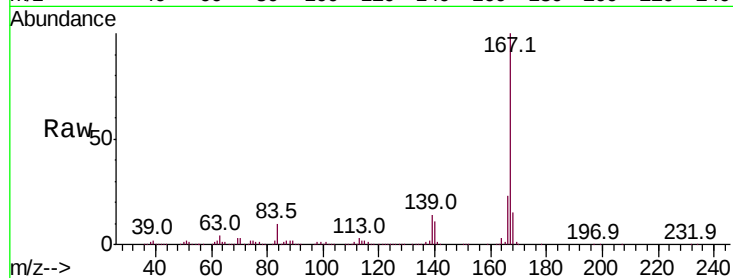
Tot Ion:167 Resp: 2614145

Ion Ratio Lower Upper

167 100

166 23.0 18.2 27.4

139 13.6 10.7 16.1

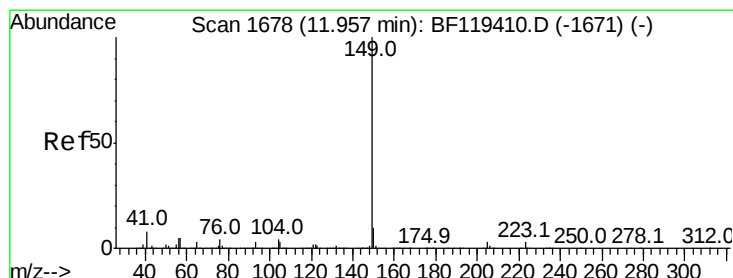
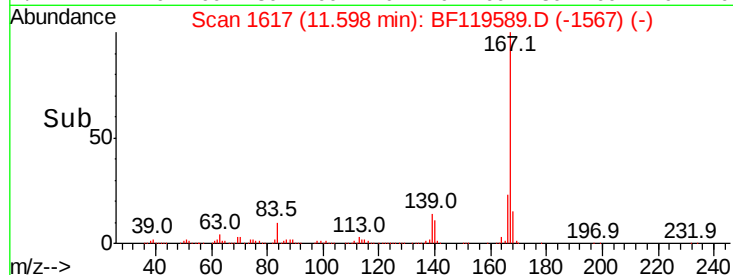
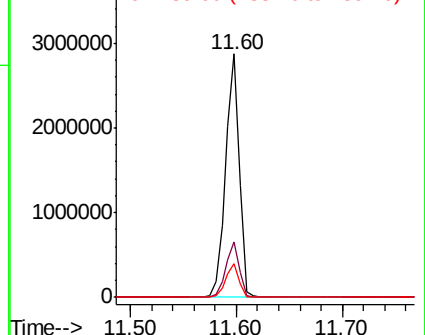


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.112 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

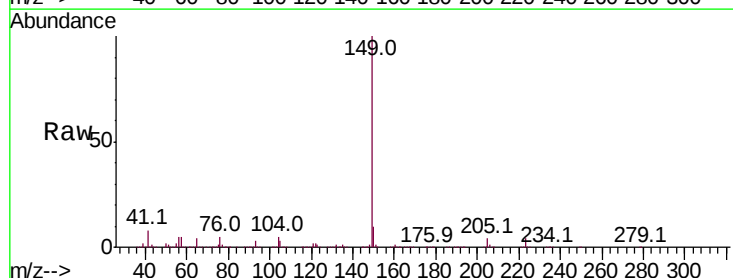
Tgt Ion:149 Resp: 3217651

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.8

104 5.0 3.6 5.4

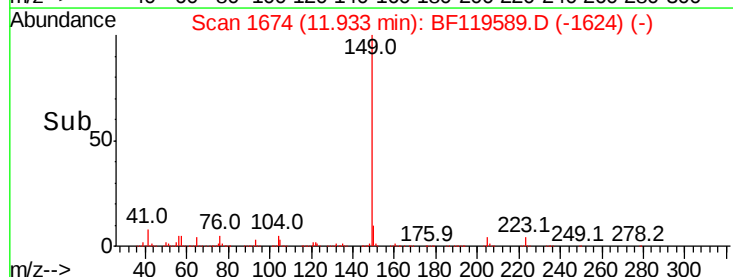
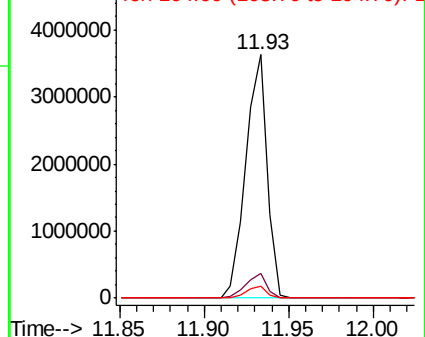


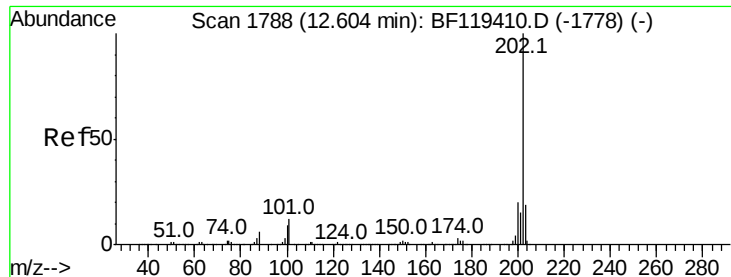
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.316 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

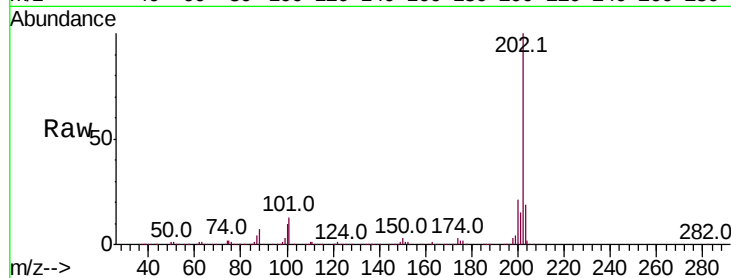
Tot Ion:202 Resp: 2891914

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.2

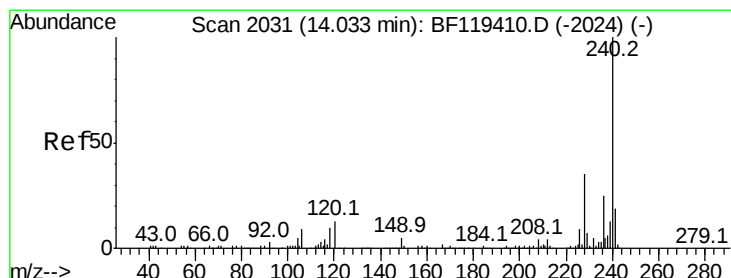
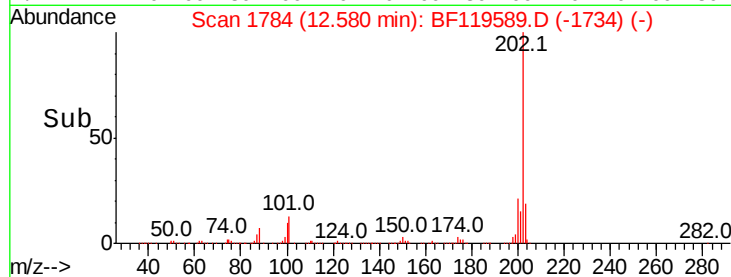
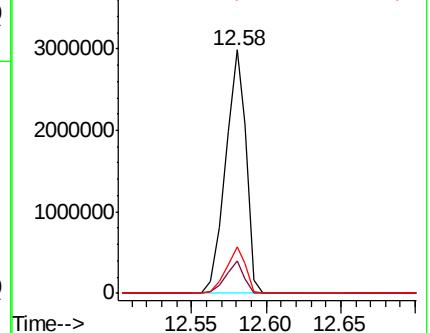
203 19.1 0.0 38.8



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

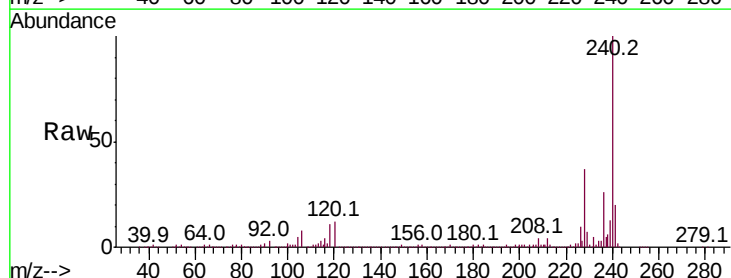
Tgt Ion:240 Resp: 876794

Ion Ratio Lower Upper

240 100

120 12.5 10.6 15.8

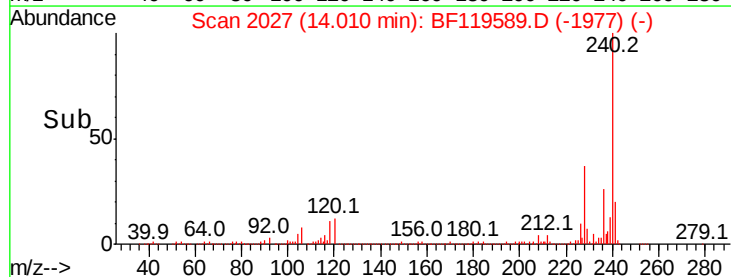
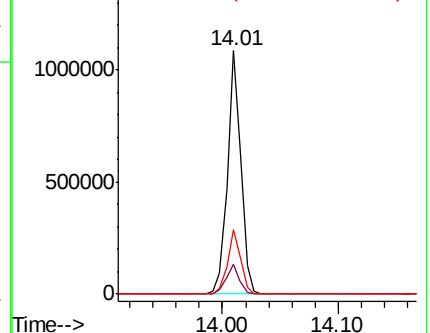
236 26.5 20.2 30.2

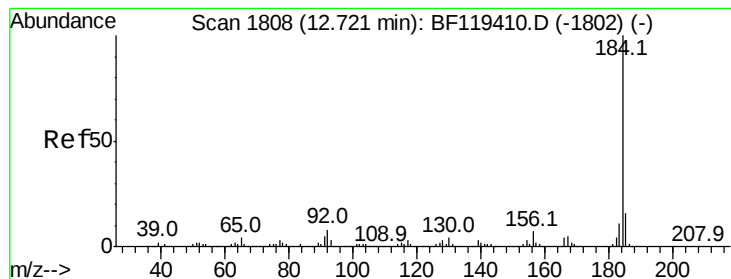


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.748 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

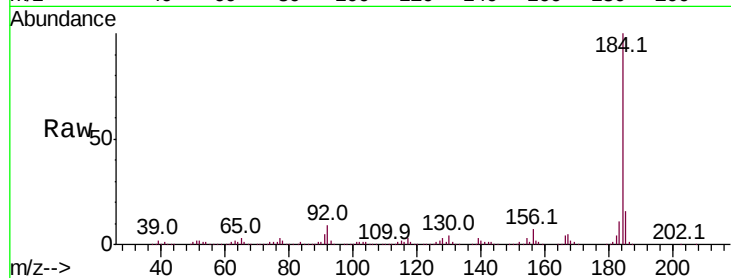
Tot Ion:184 Resp: 1215165

Ion Ratio Lower Upper

184 100

185 16.0 12.3 18.5

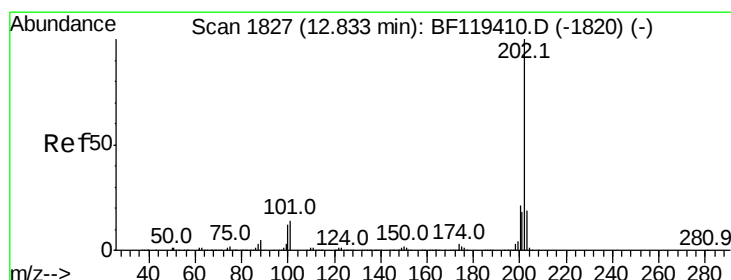
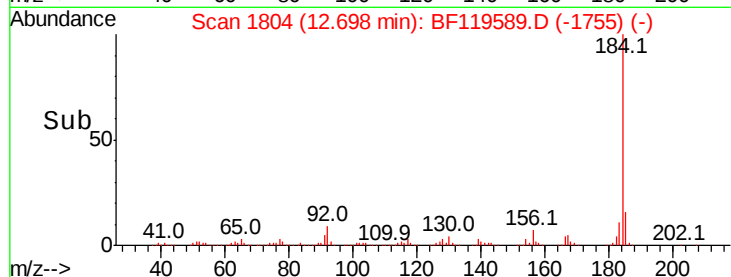
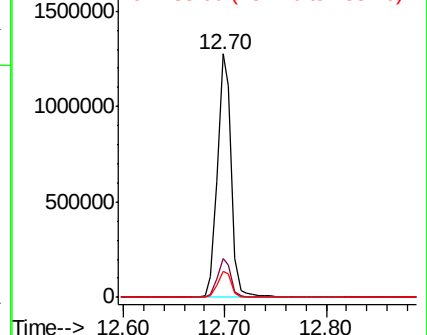
183 10.7 9.0 13.6



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: 41.502 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

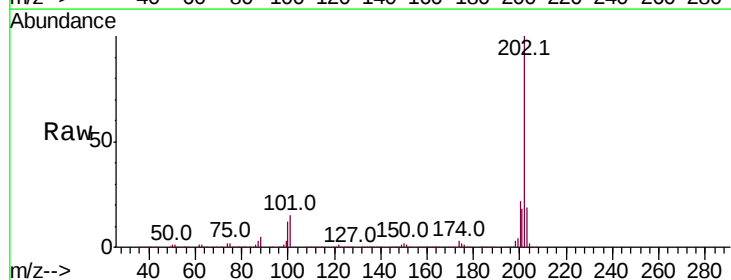
Tgt Ion:202 Resp: 2986402

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

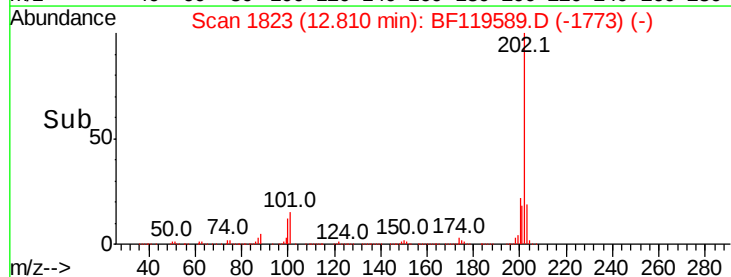
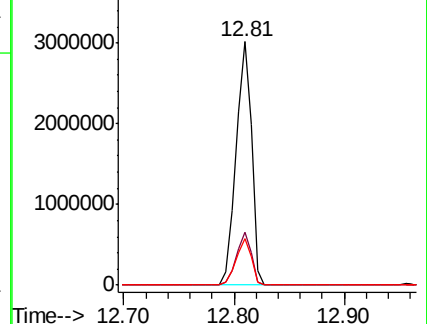
203 19.1 15.1 22.7

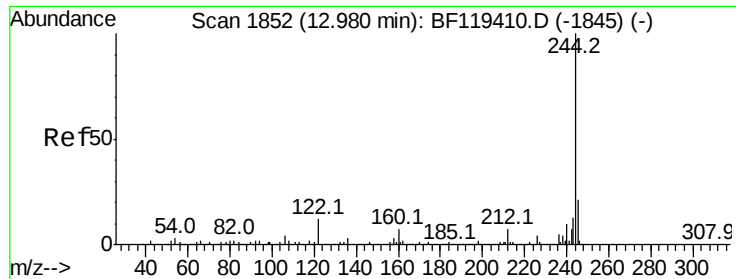


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.677 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

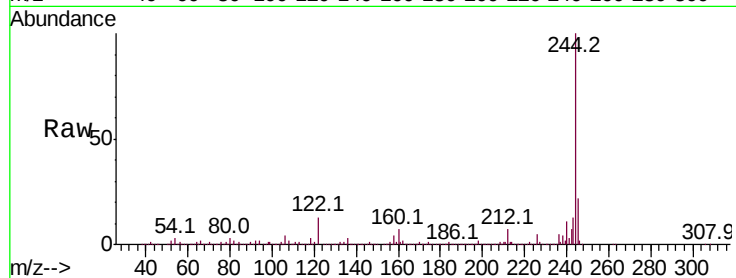
Tot Ion:244 Resp: 3879014

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

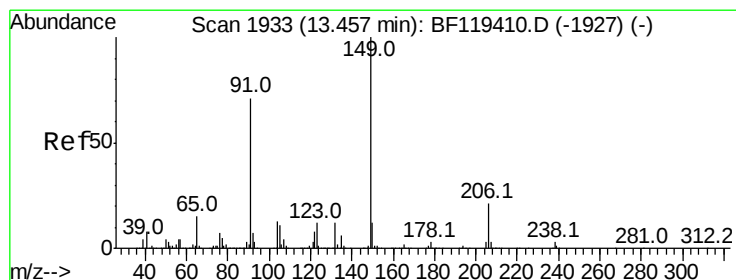
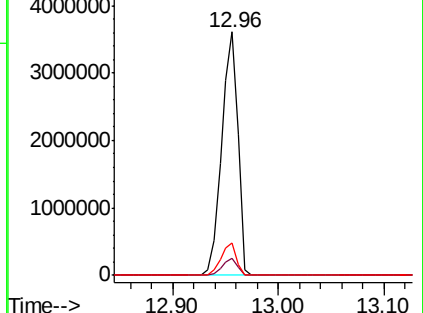
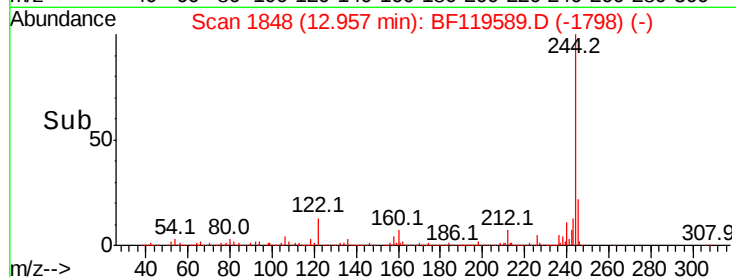
122 13.4 10.3 15.5



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: 48.648 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

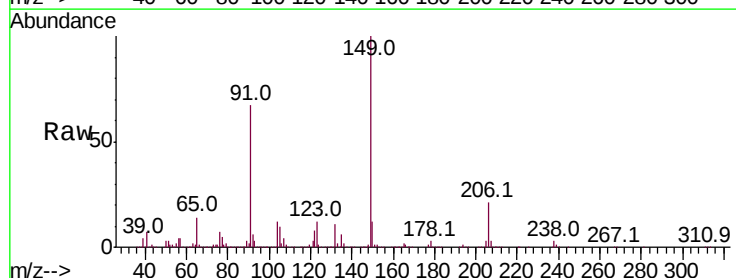
Tgt Ion:149 Resp: 1415835

Ion Ratio Lower Upper

149 100

91 66.6 54.7 82.1

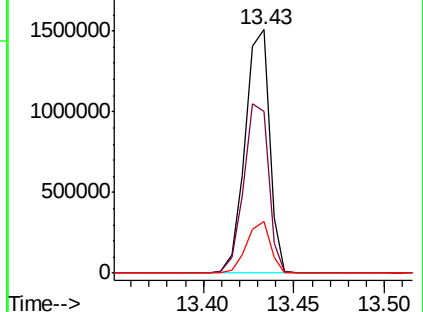
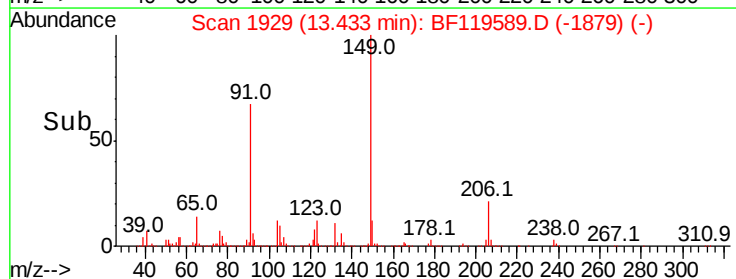
206 21.4 16.2 24.2

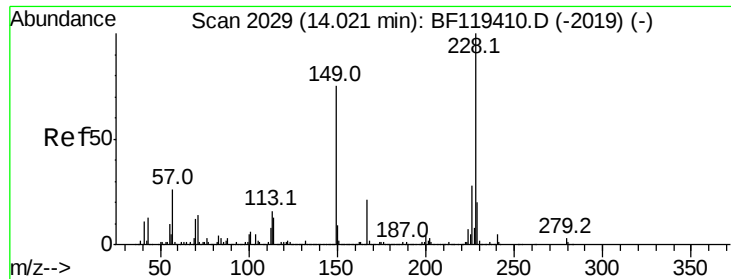


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.267 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

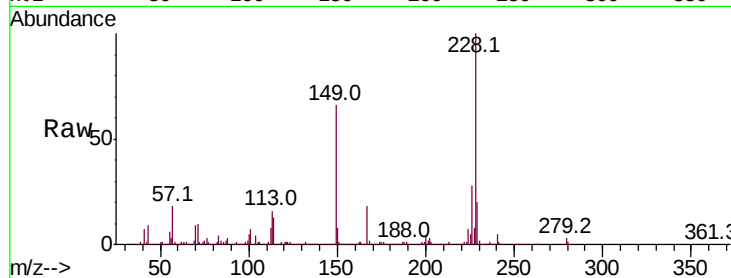
Tot Ion:228 Resp: 2238881

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

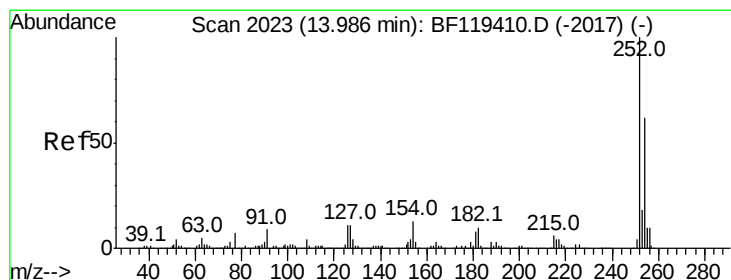
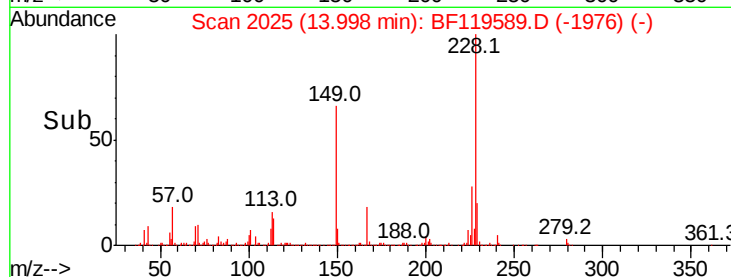
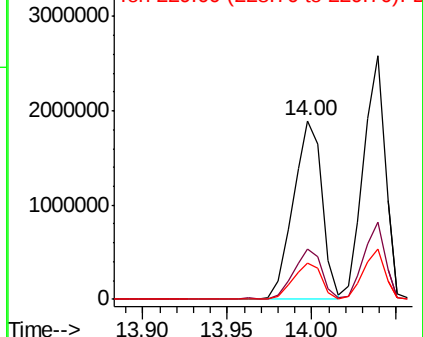
229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.867 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

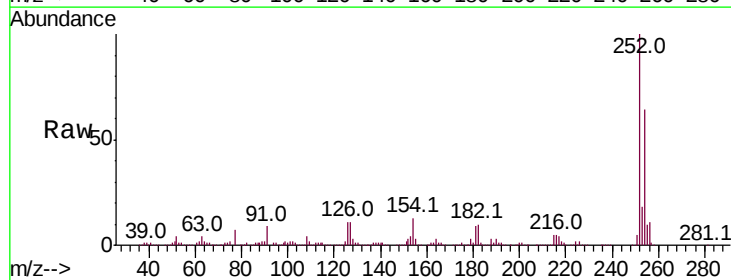
Tgt Ion:252 Resp: 873773

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

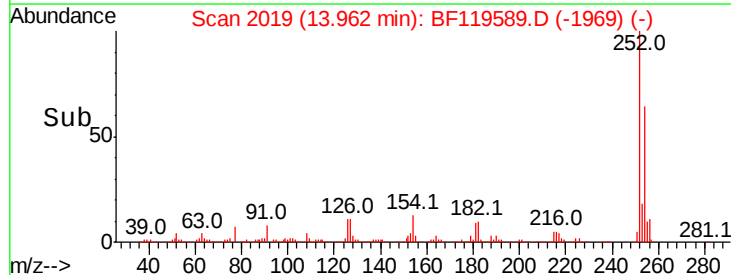
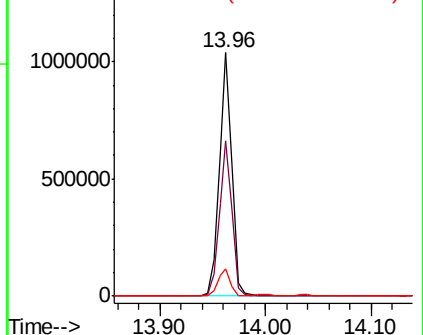
126 11.4 9.6 14.4

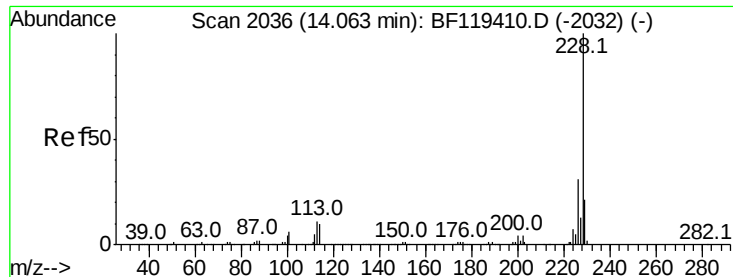


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.561 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

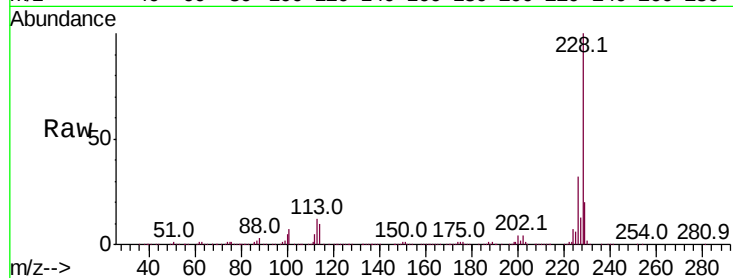
Tot Ion:228 Resp: 2327890

Ion Ratio Lower Upper

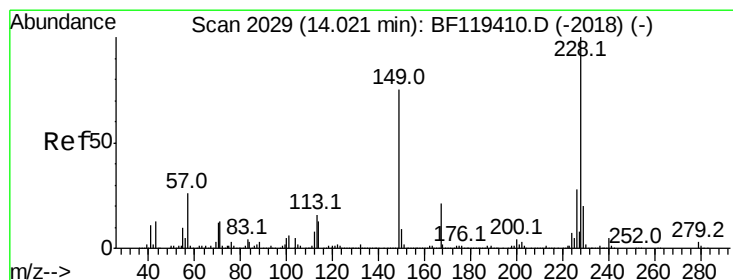
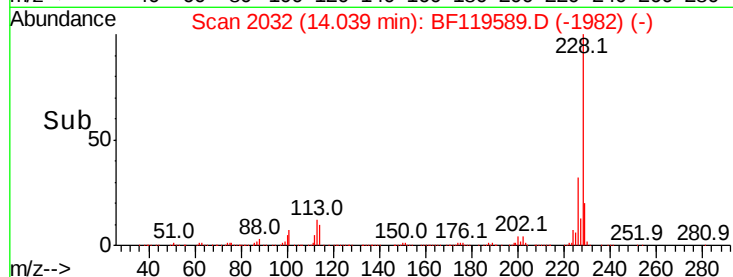
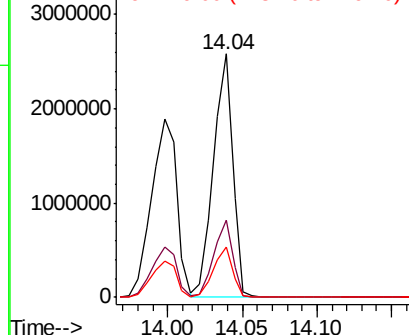
228 100

226 31.8 25.4 38.0

229 20.5 16.6 24.8



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: 50.661 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119589.D

Acq: 28 Mar 2020 1:26

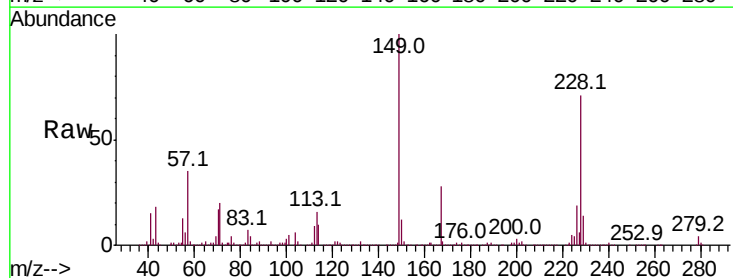
Tgt Ion:149 Resp: 1757646

Ion Ratio Lower Upper

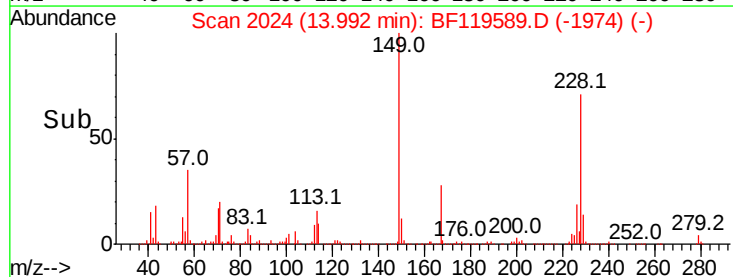
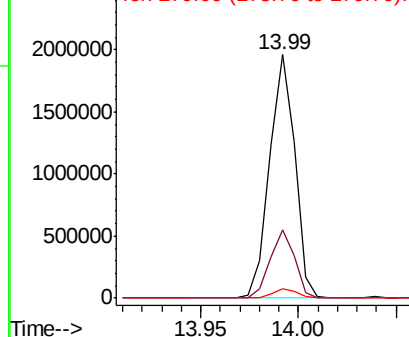
149 100

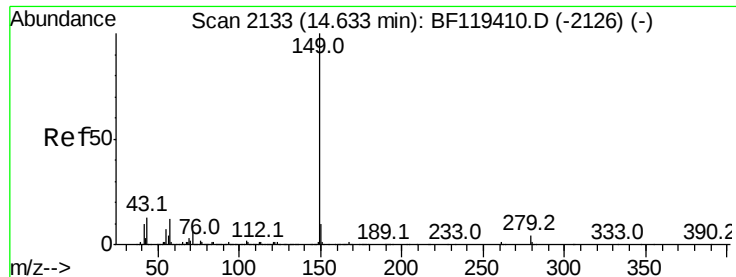
167 28.1 21.3 31.9

279 3.7 2.7 4.1



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

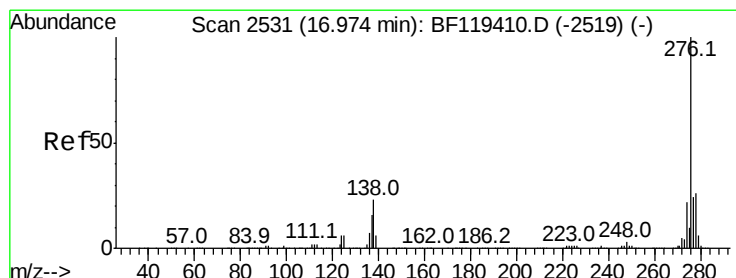
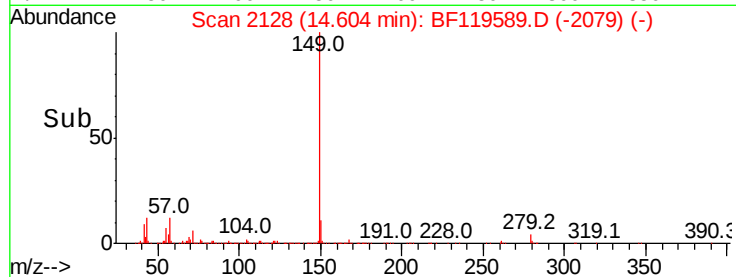
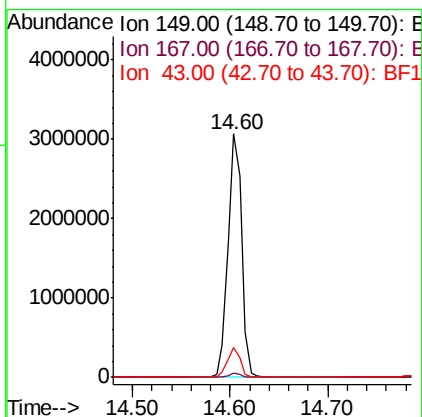
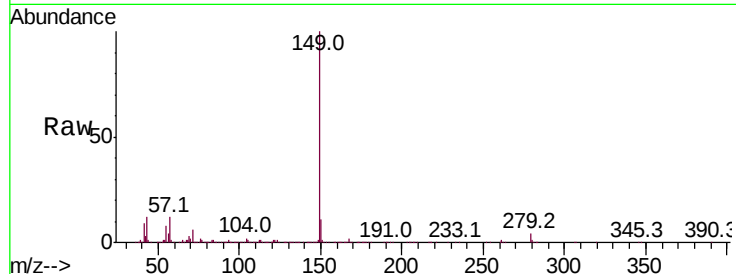




#85
Di-n-octyl phthalate
Concen: 48.824 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

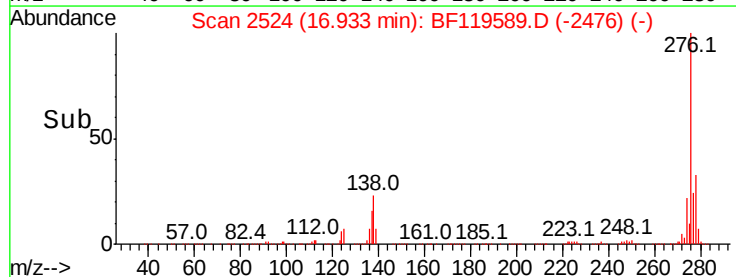
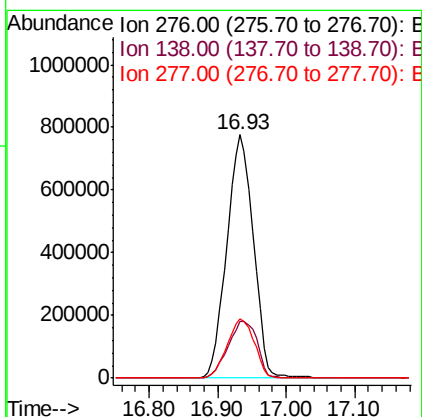
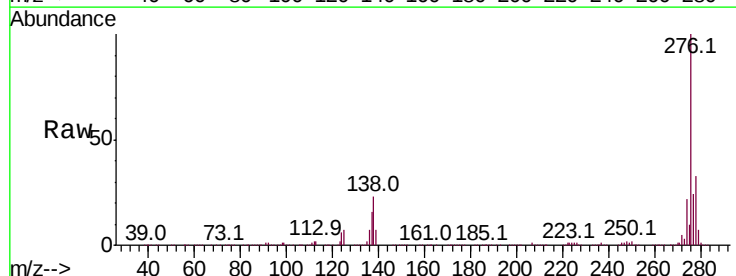
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

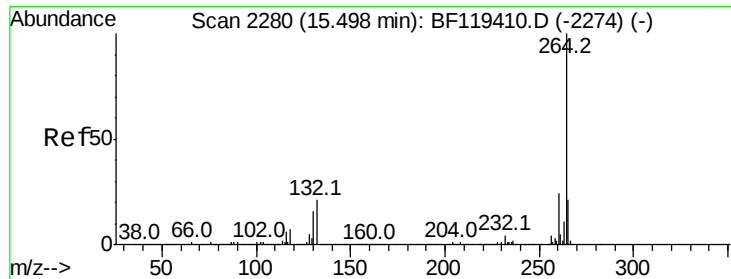
Tot Ion:149 Resp: 2979088
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.635 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:276 Resp: 2085670
Ion Ratio Lower Upper
276 100
138 25.8 19.6 29.4
277 25.3 20.0 30.0

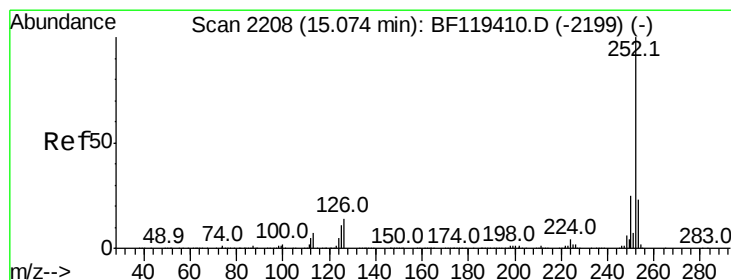
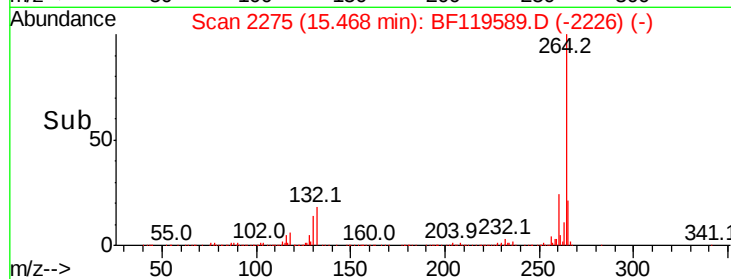
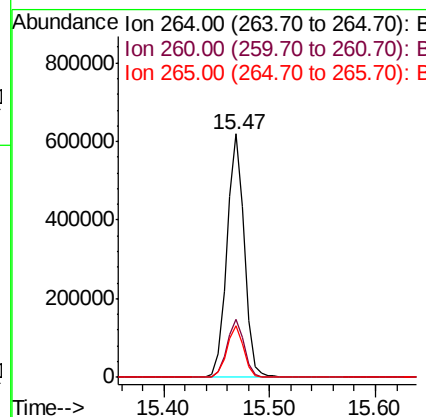
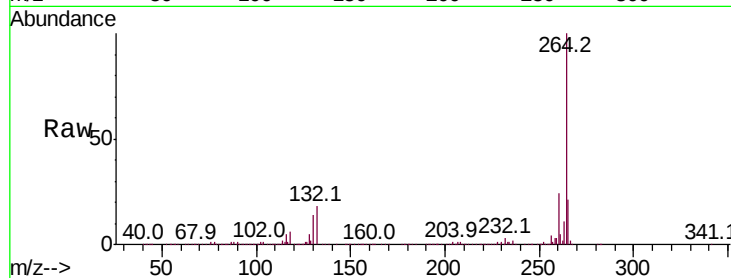




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

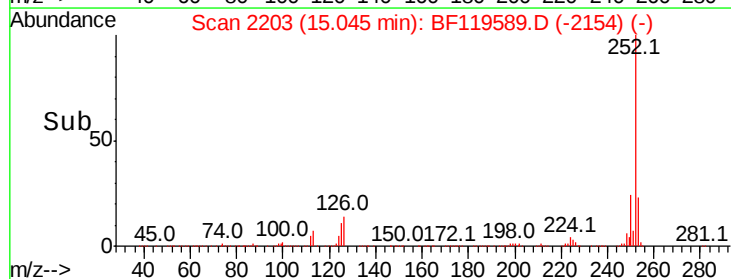
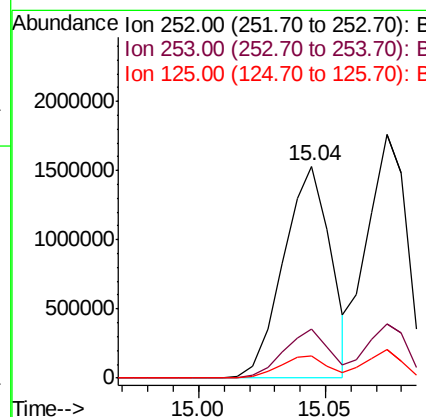
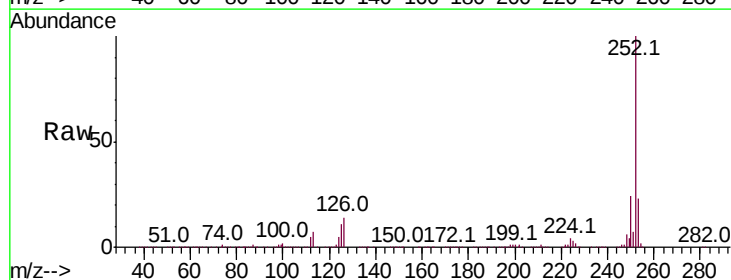
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

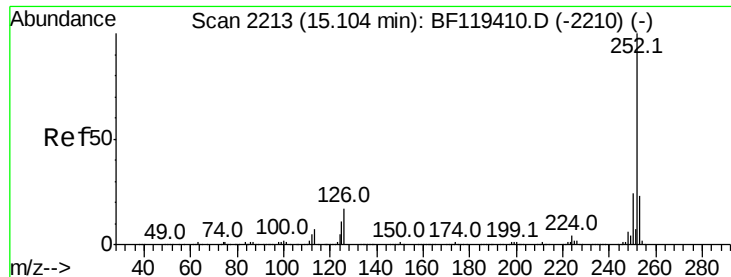
Tot Ion:264 Resp: 708547
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.1 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 42.083 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF119589.D
 Acq: 28 Mar 2020 1:26

Tgt Ion:252 Resp: 1991819
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.0
 125 10.7 7.9 11.9

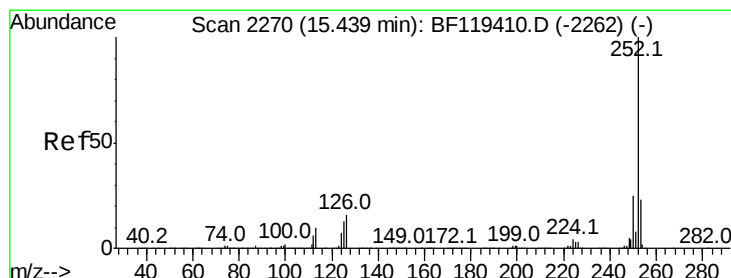
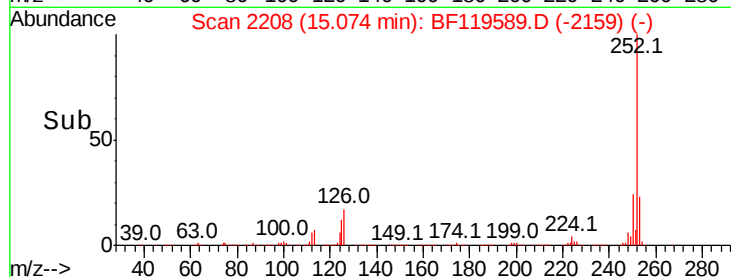
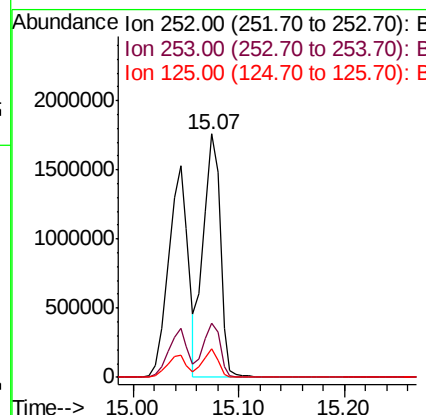
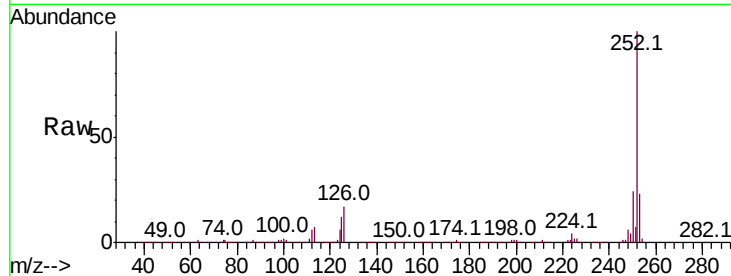




#89
Benzo(k)fluoranthene
Concen: 43.203 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

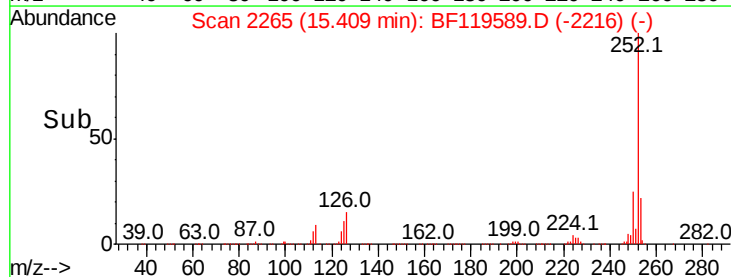
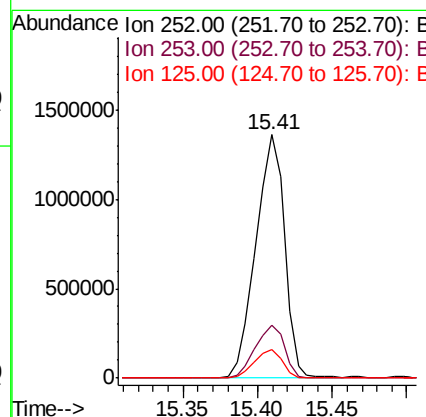
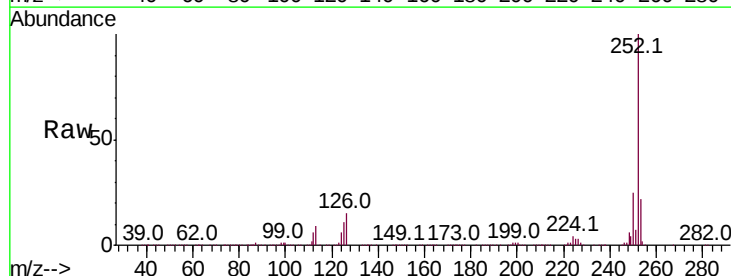
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

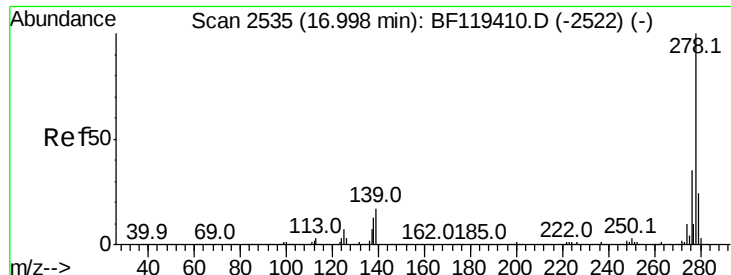
Tot Ion:252 Resp: 1947104
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.9 8.4 12.6



#90
Benzo(a)pyrene
Concen: 41.975 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:252 Resp: 1805493
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 11.5 9.4 14.2

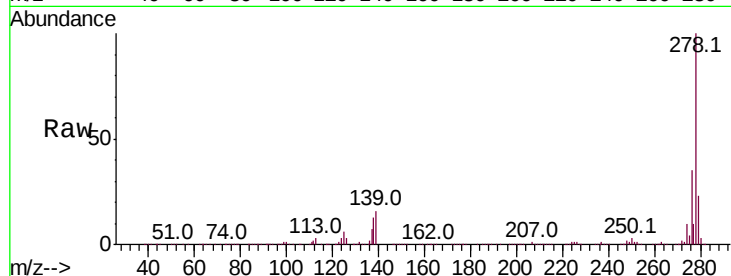




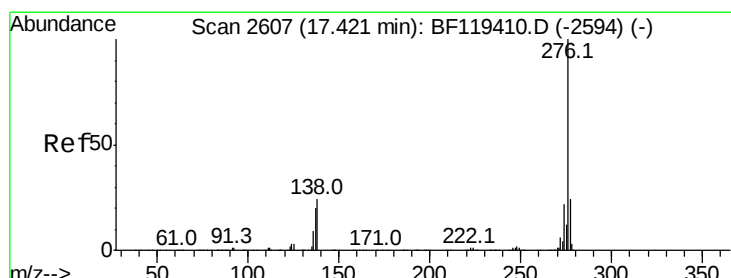
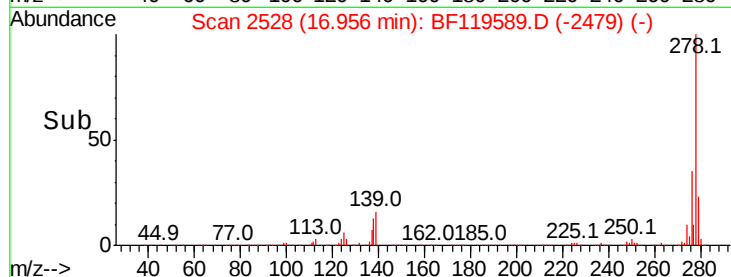
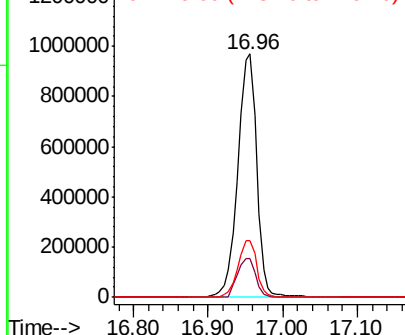
#91
Dibenzo(a,h)anthracene
Concen: 45.698 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 1719271
Ion Ratio Lower Upper
278 100
139 16.0 12.6 19.0
279 23.4 19.0 28.6

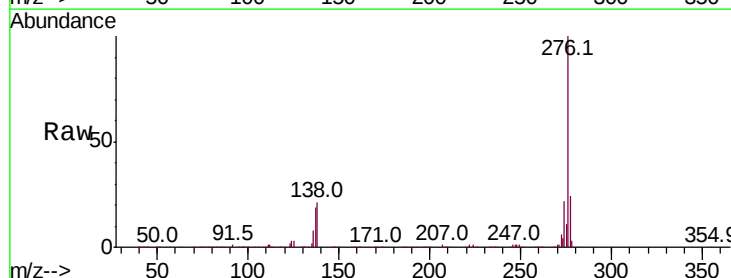


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.352 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BF119589.D
Acq: 28 Mar 2020 1:26

Tgt Ion:276 Resp: 1676365
Ion Ratio Lower Upper
276 100
277 23.7 18.4 27.6
138 20.6 15.4 23.0



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

