

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119383.D
 Acq On : 12 Mar 2020 16:28
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:45:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127189	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	468429	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	226513	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	418963	20.00	ng	0.00
76) Chrysene-d12	13.90	240	286715	20.00	ng	0.01
87) Perylene-d12	15.33	264	277142	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	634127	83.32	ng	0.00
7) Phenol-d6	6.38	99	755588	81.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	728017	82.06	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	221006	74.58	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1209449	78.66	ng	0.00
79) Terphenyl-d14	12.83	244	1403862	84.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	130879	38.624	ng	100
3) Pyridine	3.09	79	338609	36.590	ng	97
4) n-Nitrosodimethylamine	3.04	42	115244	41.109	ng	94
6) Aniline	6.39	93	459241	40.209	ng	# 81
8) 2-Chlorophenol	6.52	128	337283	41.065	ng	97
9) Benzaldehyde	6.28	77	209170	33.824	ng	99
10) Phenol	6.39	94	403504	40.320	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	306545	40.034	ng	99
12) 1,3-Dichlorobenzene	6.66	146	393525	39.975	ng	98
13) 1,4-Dichlorobenzene	6.74	146	405358	41.149	ng	99
14) 1,2-Dichlorobenzene	6.89	146	372871	41.503	ng	98
15) Benzyl Alcohol	6.88	79	286817	42.875	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	251898	37.977	ng	# 23
17) 2-Methylphenol	7.00	107	267004	40.096	ng	# 91
18) Hexachloroethane	7.23	117	142787	40.514	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	229763	42.600	ng	96
20) 3+4-Methylphenols	7.16	107	362433	44.425	ng	90
22) Acetophenone	7.14	105	452378	41.739	ng	# 95
24) Nitrobenzene	7.31	77	363670	41.452	ng	94
25) Isophorone	7.55	82	606391	39.357	ng	99
26) 2-Nitrophenol	7.63	139	184985	39.795	ng	94
27) 2,4-Dimethylphenol	7.67	122	247198	39.183	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	390365	38.925	ng	99
29) 2,4-Dichlorophenol	7.89	162	296529	39.926	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	336049	38.162	ng	97
31) Naphthalene	8.03	128	963200	39.648	ng	99
32) Benzoic acid	7.85	122	139267	32.723	ng	95
33) 4-Chloroaniline	8.09	127	420756	40.268	ng	99
34) Hexachlorobutadiene	8.14	225	211654	38.587	ng	98
35) Caprolactam	8.47	113	45862	20.054	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	277428	36.909	ng	99
37) 2-Methylnaphthalene	8.72	142	575328	35.191	ng	99
38) 1-Methylnaphthalene	8.82	142	541880	35.244	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	299212	39.179	ng	100

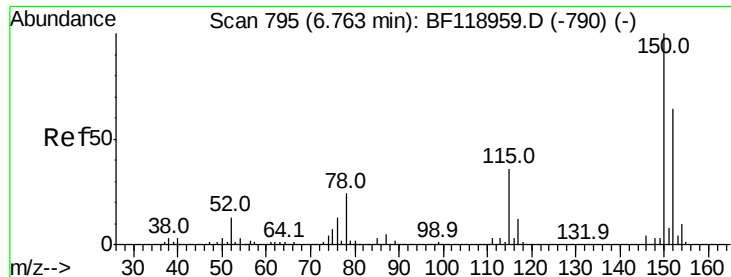
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	74706	33.112	nq	98
43) 2,4,6-Trichlorophenol	9.01	196	174304	36.142	nq	97
44) 2,4,5-Trichlorophenol	9.07	196	169304	33.454	nq	97
46) 1,1'-Biphenyl	9.18	154	737498	40.285	nq	98
47) 2-Chloronaphthalene	9.21	162	589945	39.989	nq	98
48) 2-Nitroaniline	9.32	65	178495	43.379	nq	90
49) Acenaphthylene	9.62	152	837020	39.284	nq	99
50) Dimethylphthalate	9.49	163	673903	38.907	nq	100
51) 2,6-Dinitrotoluene	9.56	165	149787	38.924	nq #	77
52) Acenaphthene	9.79	154	519264	40.416	nq	99
53) 3-Nitroaniline	9.73	138	171470	40.193	nq	95
54) 2,4-Dinitrophenol	9.87	184	52429	32.888	nq #	90
55) Dibenzofuran	9.97	168	767341	40.014	nq	99
56) 4-Nitrophenol	9.93	139	68672	26.791	nq	95
57) 2,4-Dinitrotoluene	9.97	165	200446	40.186	nq	90
58) Fluorene	10.31	166	625871	42.001	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	145761	34.134	nq	95
60) Diethylphthalate	10.19	149	655676	40.169	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	319120	40.459	nq	98
62) 4-Nitroaniline	10.36	138	162483	37.226	nq	94
63) Azobenzene	10.46	77	596549	42.046	nq	93
65) 4,6-Dinitro-2-methylphenol	10.39	198	93590	36.916	nq	96
66) n-Nitrosodiphenylamine	10.42	169	542415	39.539	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	206240	37.660	nq	98
68) Hexachlorobenzene	10.86	284	241617	38.267	nq	95
69) Atrazine	10.95	200	162158	33.832	nq	99
70) Pentachlorophenol	11.07	266	90440	35.558	nq	93
71) Phenanthrene	11.27	178	924450	40.461	nq	98
72) Anthracene	11.33	178	921317	40.357	nq	97
73) Carbazole	11.49	167	841776	41.389	nq	97
74) Di-n-butylphthalate	11.80	149	969364	39.358	nq	99
75) Fluoranthene	12.46	202	964858	39.784	nq	99
77) Benzidine	12.59	184	440657	37.791	nq	99
78) Pyrene	12.69	202	992537	43.111	nq	99
80) Butylbenzylphthalate	13.30	149	384919	39.725	nq	94
81) Benzo(a)anthracene	13.89	228	782039	40.031	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	289222	38.127	nq #	98
83) Chrysene	13.92	228	768290	39.469	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	460272	37.599	nq #	98
85) Di-n-octyl phthalate	14.47	149	655473	33.606	nq	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	707867	37.556	nq	100
88) Benzo(b)fluoranthene	14.92	252	724835	39.679	nq	99
89) Benzo(k)fluoranthene	14.94	252	701800	41.455	nq	100
90) Benzo(a)pyrene	15.27	252	657622	39.887	nq	98
91) Dibenzo(a,h)anthracene	16.74	278	585695	40.374	nq	99
92) Benzo(g,h,i)perylene	17.18	276	577946	40.322	nq	99

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

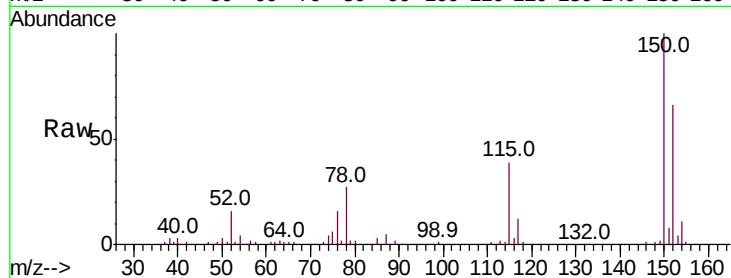


#1

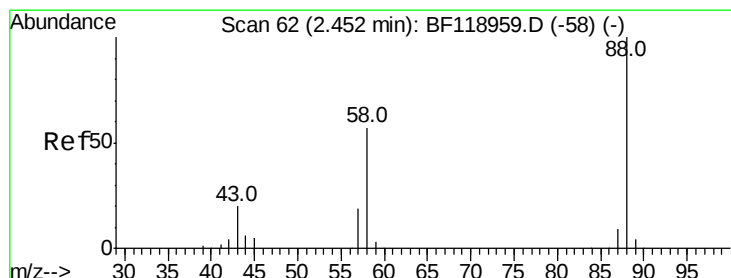
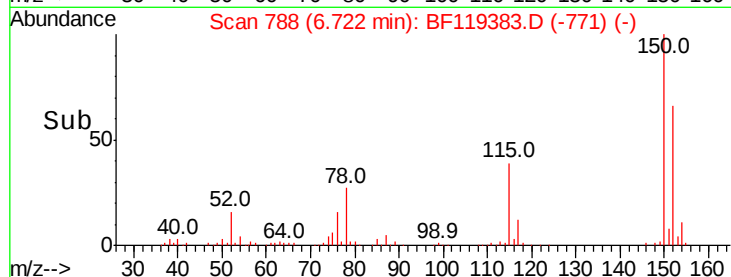
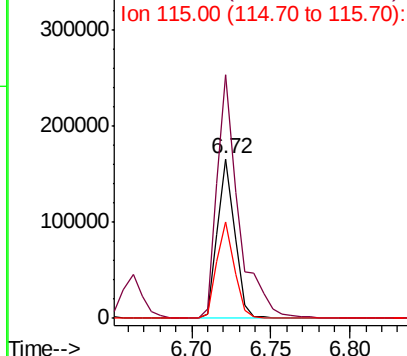
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127189
Ion Ratio Lower Upper
152 100
150 152.6 123.0 184.6
115 60.1 49.5 74.3



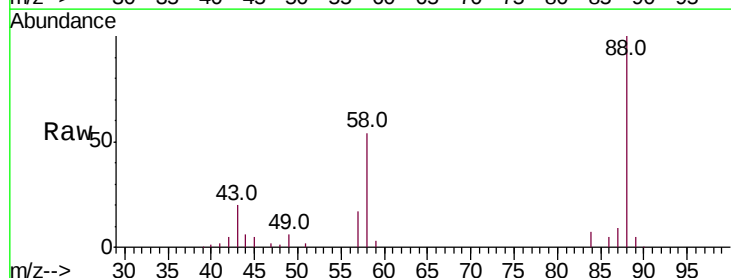
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



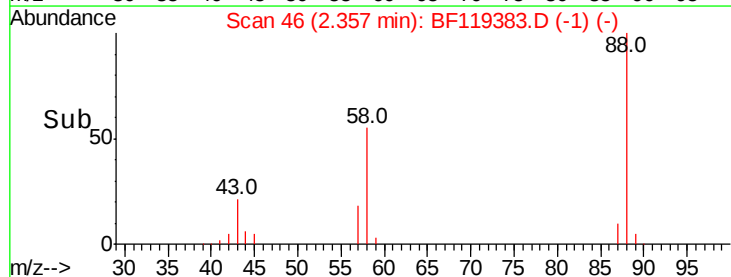
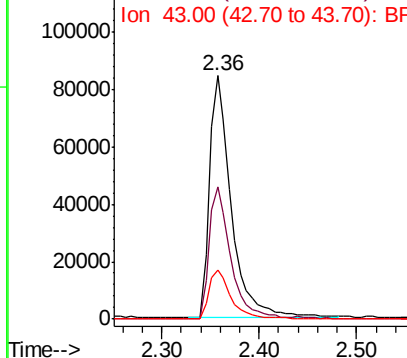
#2

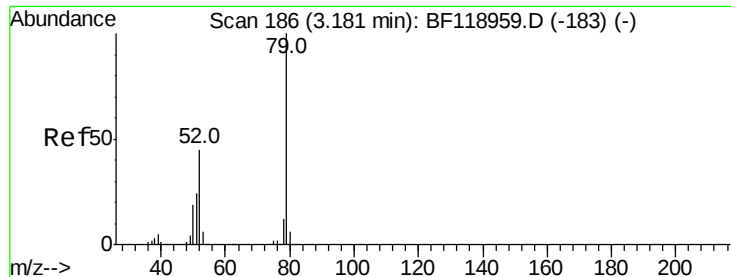
1,4-Dioxane
Concen: 38.624 ng
RT: 2.36 min Scan# 46
Delta R.T. -0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion: 88 Resp: 130879
Ion Ratio Lower Upper
88 100
58 54.7 43.8 65.6
43 21.1 16.2 24.4



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: 36.590 ng

RT: 3.09 min Scan# 170

Delta R.T. -0.02 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

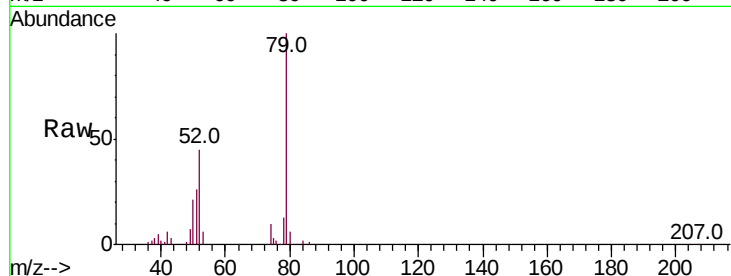
Tot Ion: 79 Resp: 338609

Ion Ratio Lower Upper

79 100

52 44.6 37.4 56.0

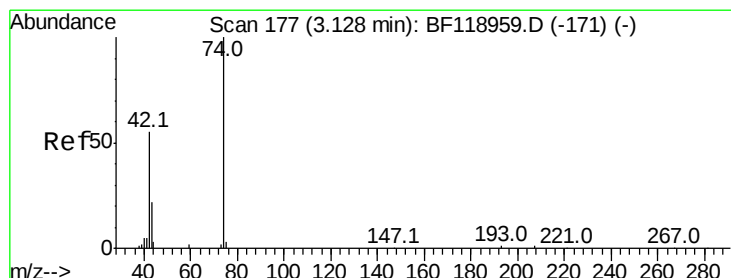
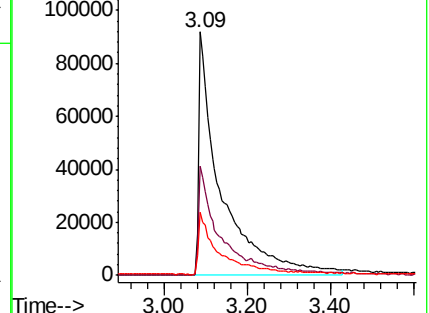
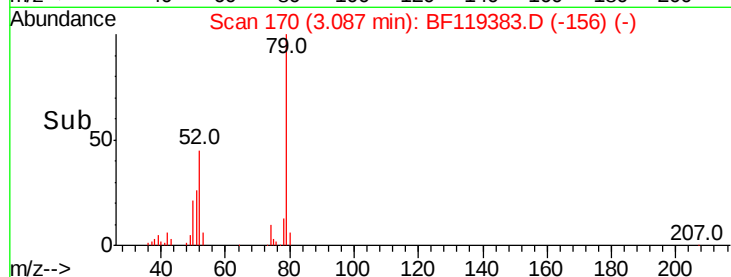
51 26.1 19.8 29.6



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: 41.109 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.02 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

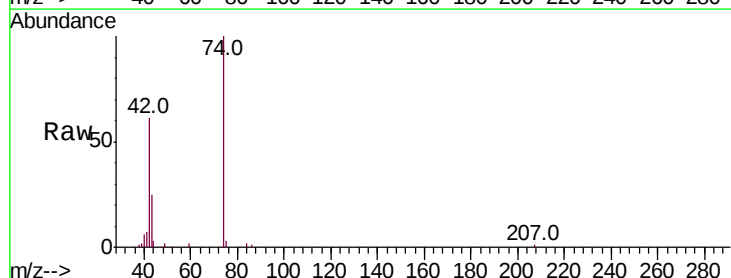
Tgt Ion: 42 Resp: 115244

Ion Ratio Lower Upper

42 100

74 163.9 137.7 206.5

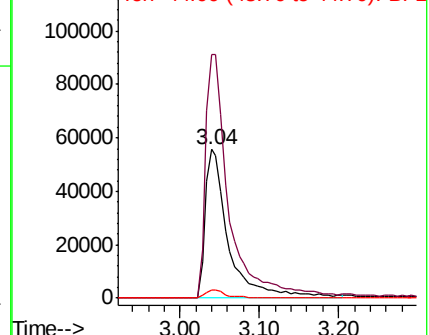
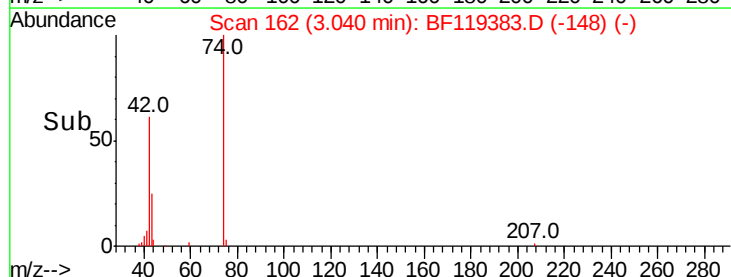
44 5.6 4.5 6.7

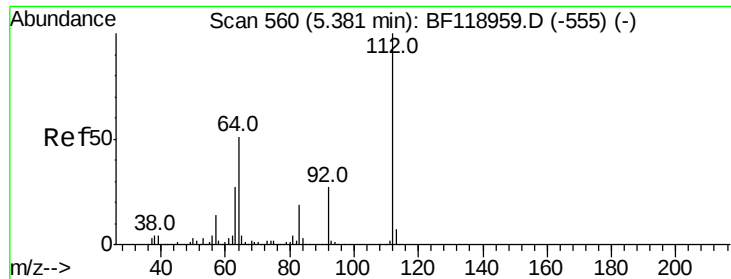


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.320 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

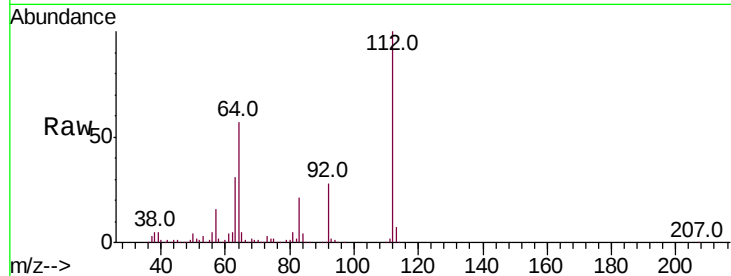
Tot Ion:112 Resp: 634127

Ion Ratio Lower Upper

112 100

64 57.4 45.0 67.4

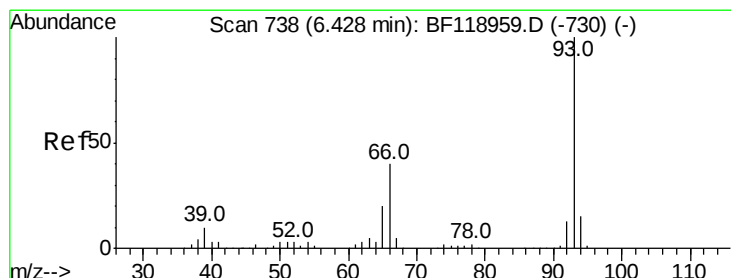
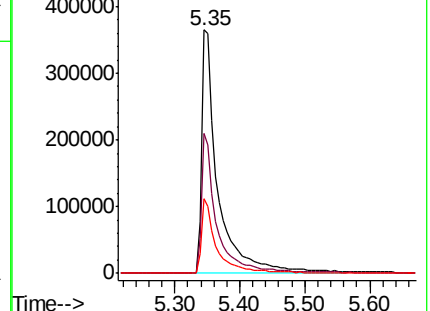
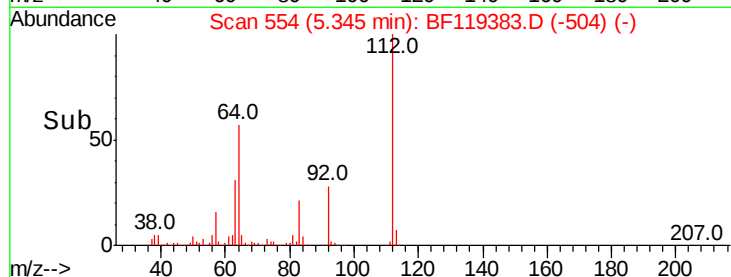
63 30.8 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.209 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

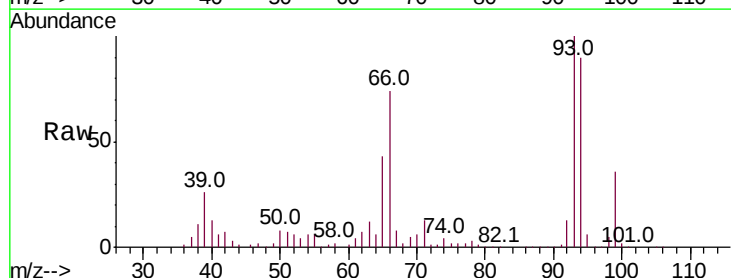
Tgt Ion: 93 Resp: 459241

Ion Ratio Lower Upper

93 100

66 74.5 74.5 111.7#

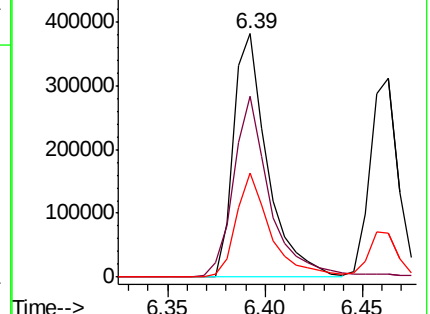
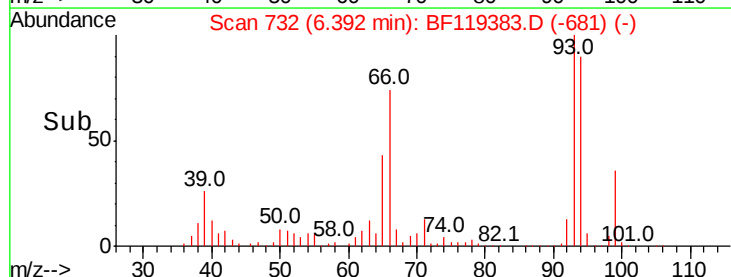
65 42.7 45.3 67.9#

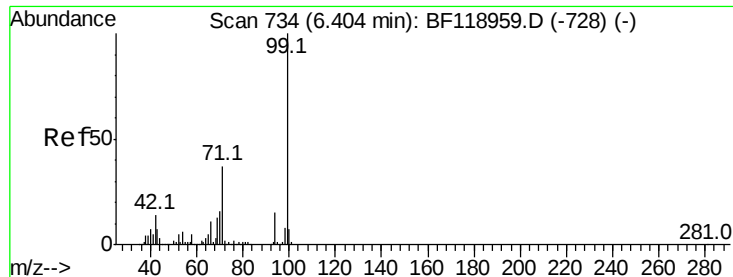


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.632 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

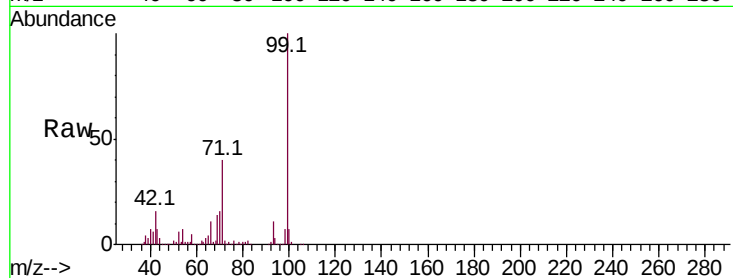
Tot Ion: 99 Resp: 755588

Ion Ratio Lower Upper

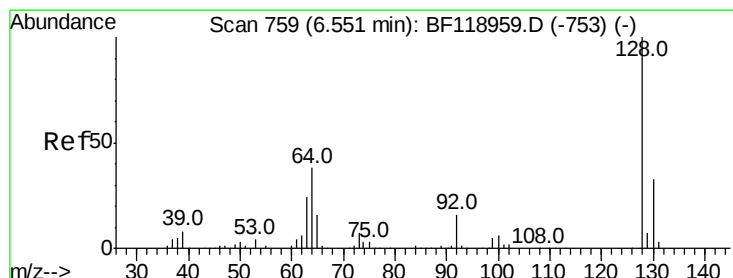
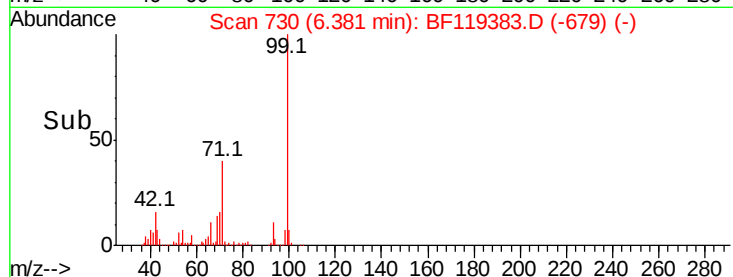
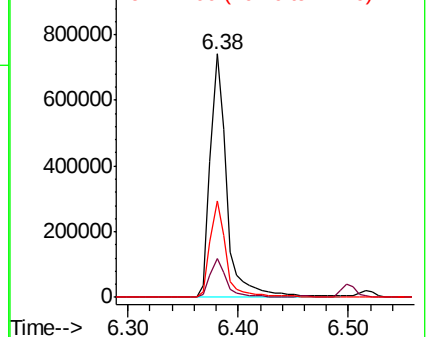
99 100

42 16.0 12.6 18.8

71 39.7 31.0 46.4



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



#8

2-Chlorophenol

Concen: 41.065 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

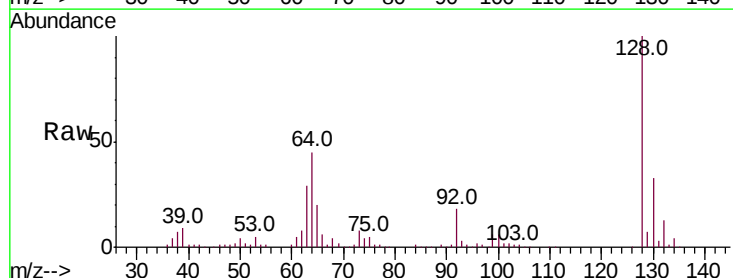
Tgt Ion: 128 Resp: 337283

Ion Ratio Lower Upper

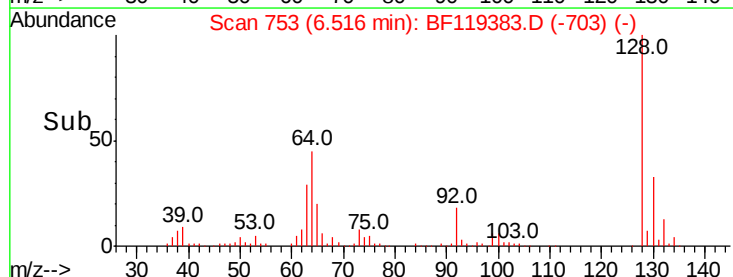
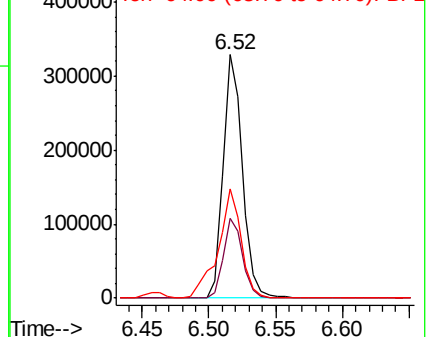
128 100

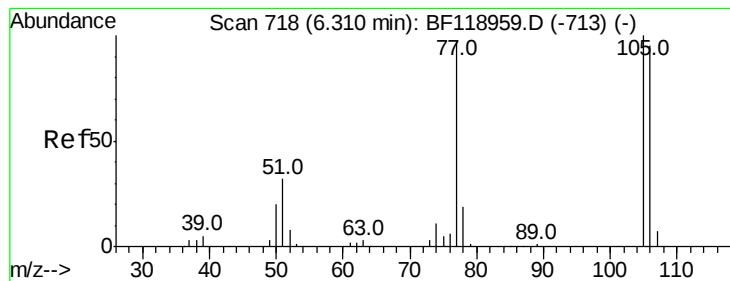
130 33.0 12.7 52.7

64 45.1 22.3 62.3



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: 33.824 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

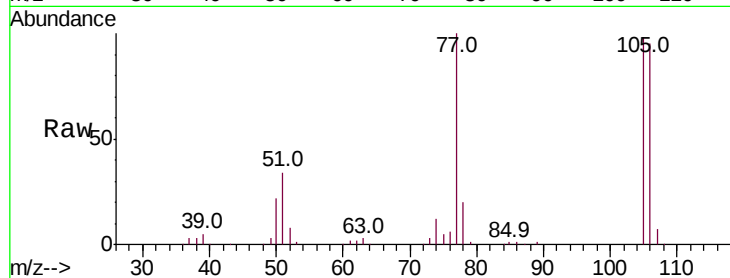
Tot Ion: 77 Resp: 209170

Ion Ratio Lower Upper

77 100

105 98.4 80.1 120.1

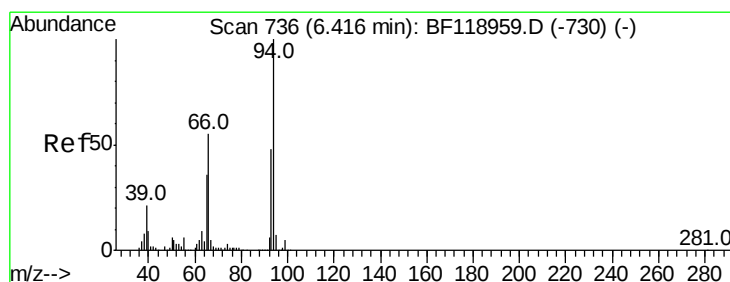
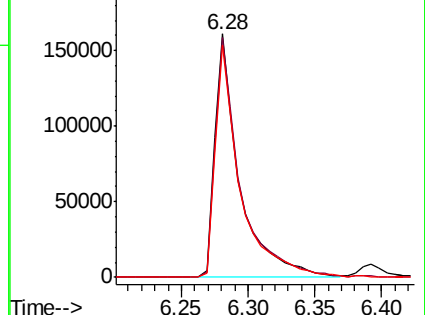
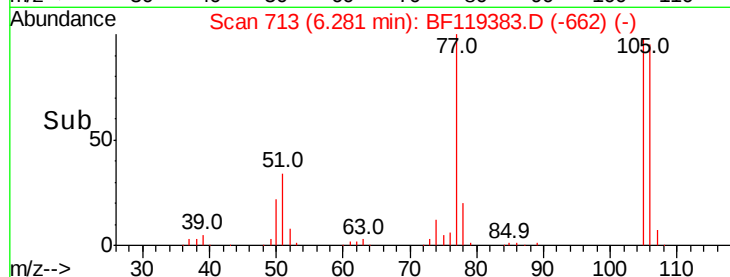
106 95.4 75.9 115.9



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: 40.320 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

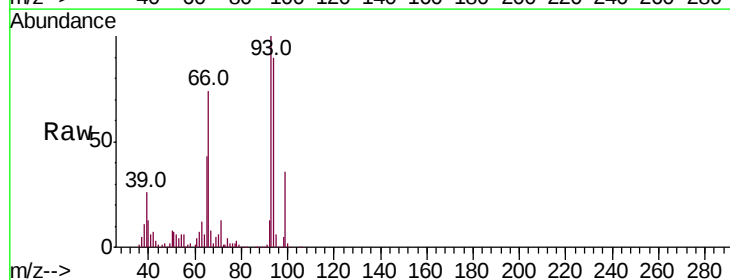
Tgt Ion: 94 Resp: 403504

Ion Ratio Lower Upper

94 100

65 47.6 19.2 59.2

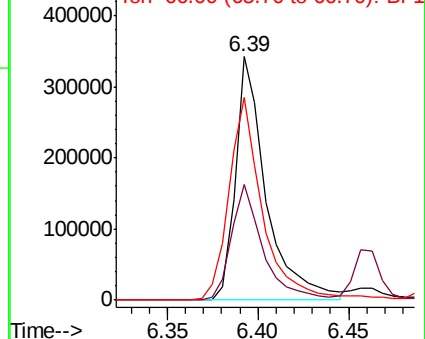
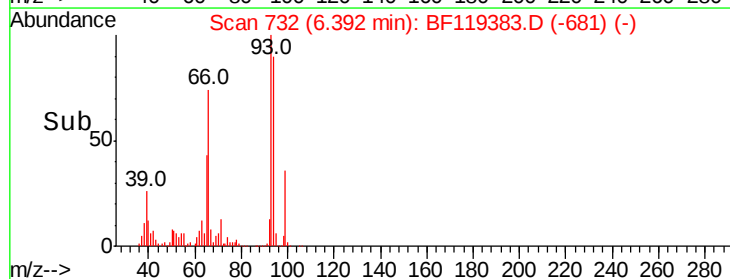
66 83.0 44.4 84.4

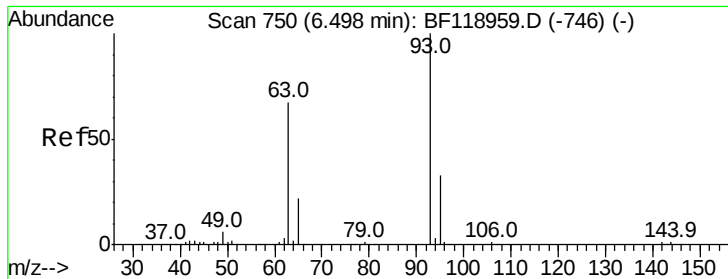


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

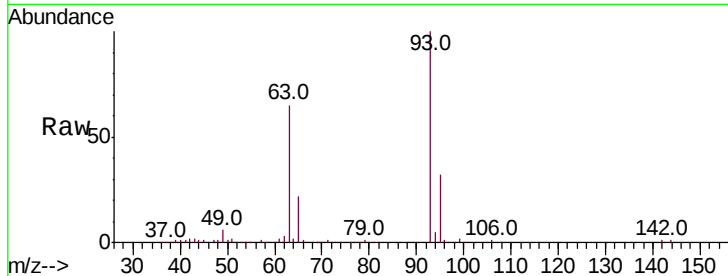




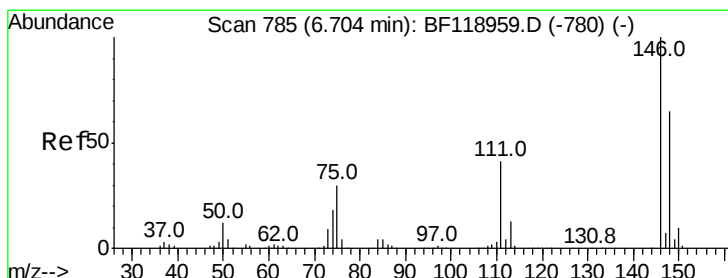
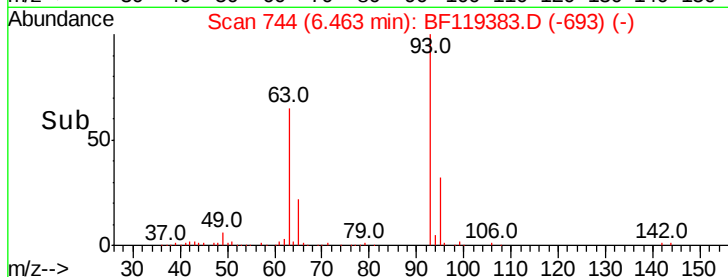
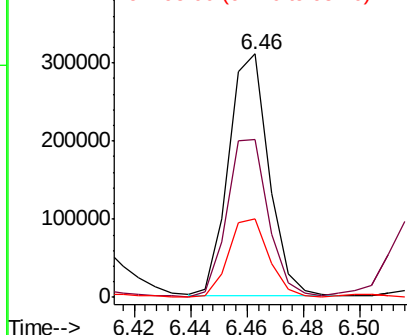
#11
bis(2-Chloroethyl)ether
Concen: 40.034 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 306545
Ion Ratio Lower Upper
93 100
63 64.6 45.4 85.4
95 32.4 13.5 53.5

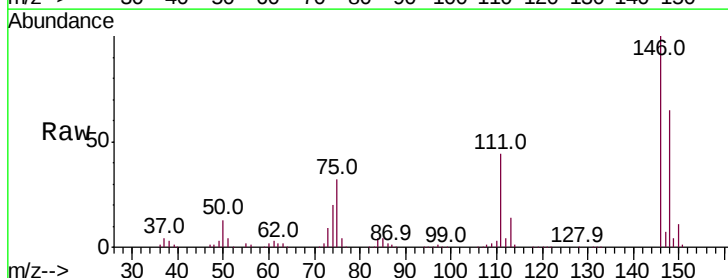


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

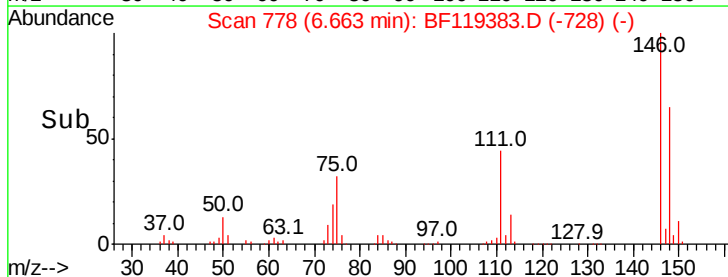
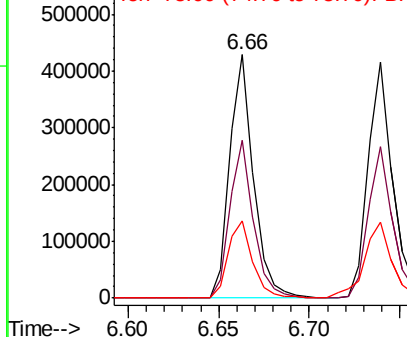


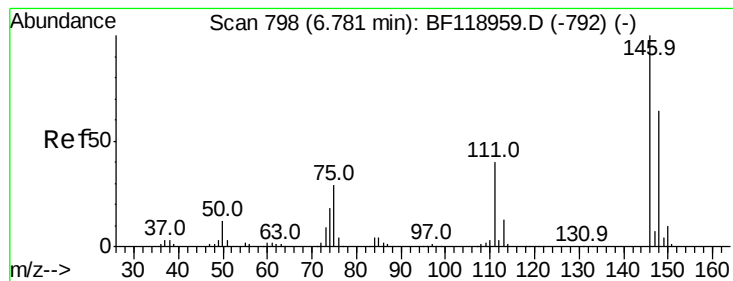
#12
1,3-Dichlorobenzene
Concen: 39.975 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion: 146 Resp: 393525
Ion Ratio Lower Upper
146 100
148 65.0 52.5 78.7
75 31.7 23.6 35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.149 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampled :

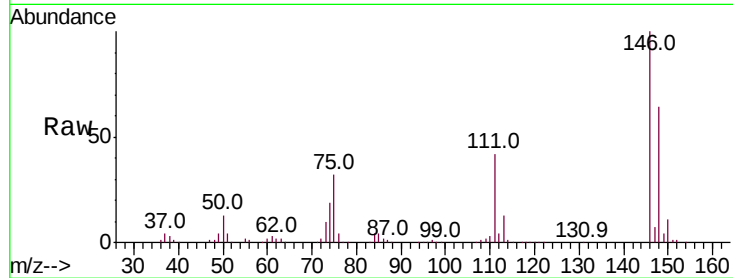
Tot Ion:146 Resp: 405358

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

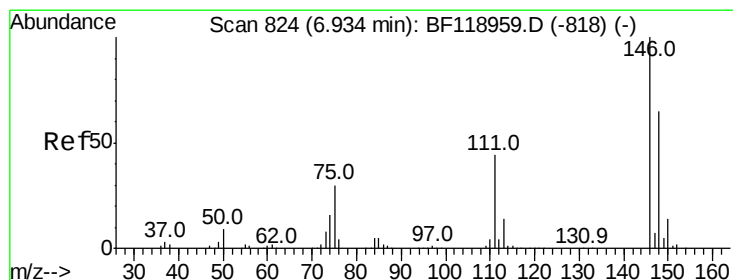
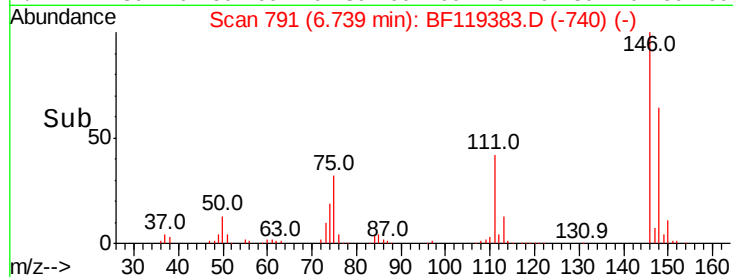
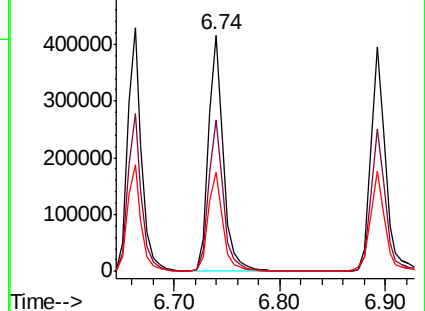
111 41.9 34.8 52.2



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: 41.503 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

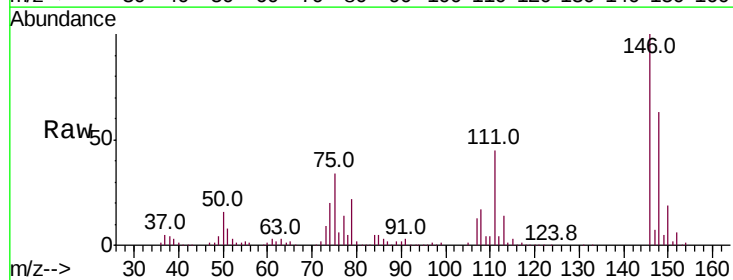
Tgt Ion:146 Resp: 372871

Ion Ratio Lower Upper

146 100

148 63.4 51.9 77.9

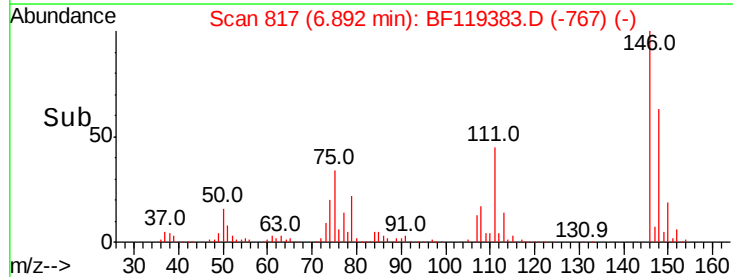
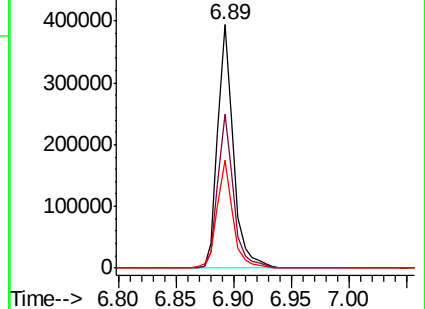
111 44.5 36.2 54.2

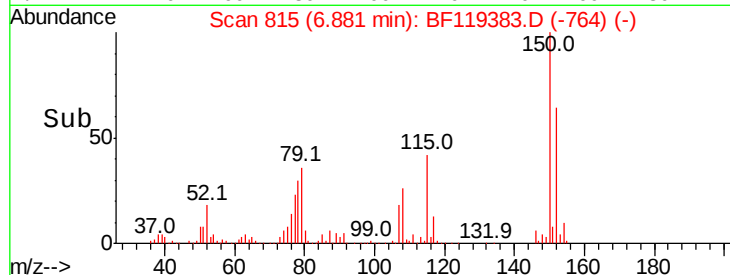
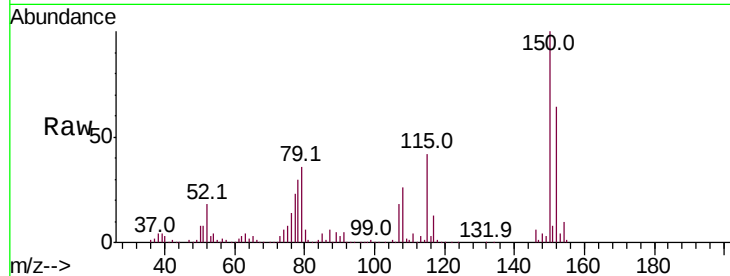
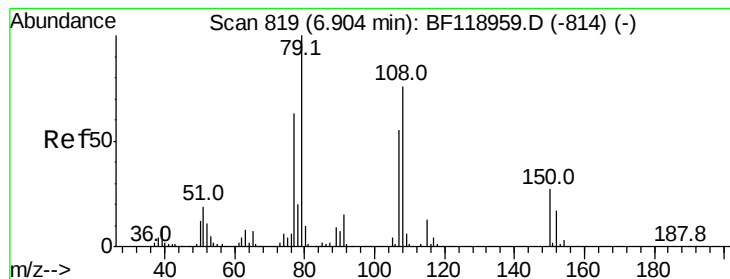


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.875 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

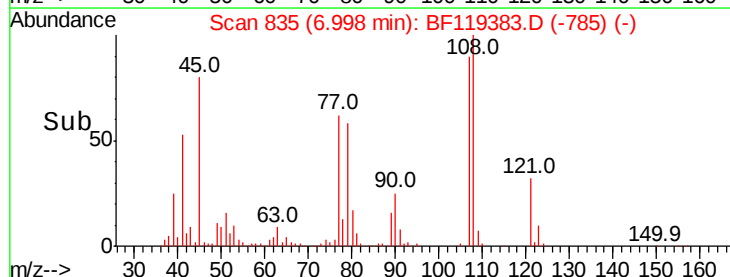
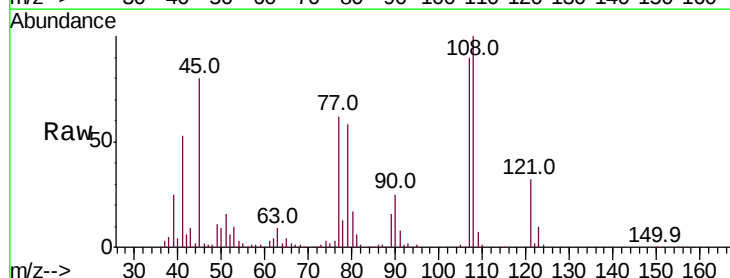
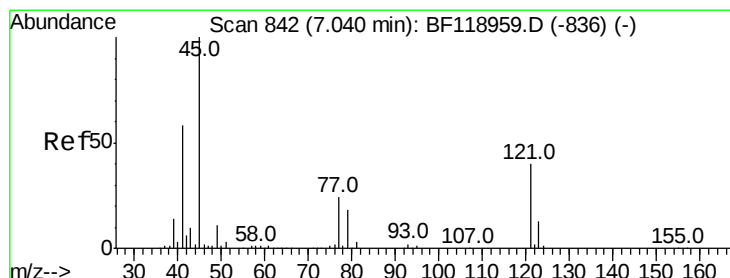
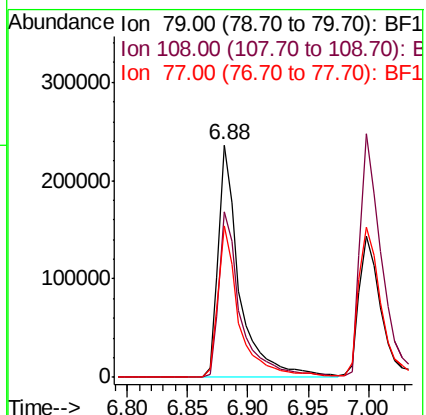
Tot Ion: 79 Resp: 286817

Ion Ratio Lower Upper

79 100

108 71.4 58.2 87.2

77 65.5 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.977 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

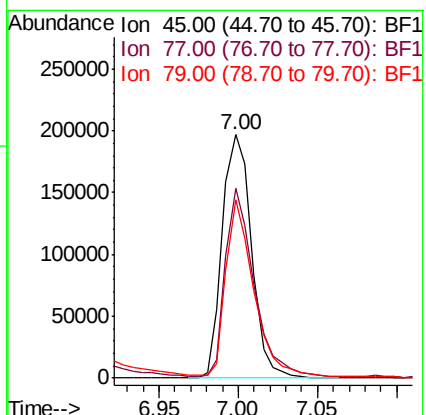
Tgt Ion: 45 Resp: 251898

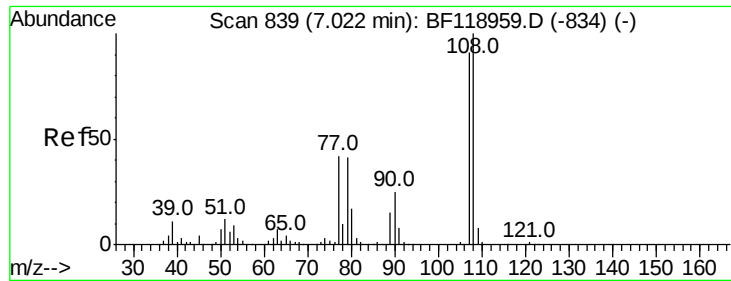
Ion Ratio Lower Upper

45 100

77 77.8 15.0 55.0#

79 73.1 9.4 49.4#

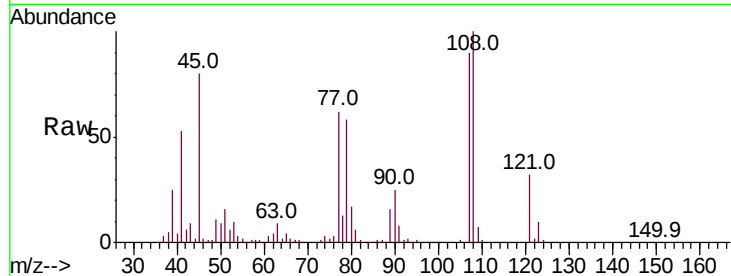




#17
2-Methylphenol
Concen: 40.096 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	87.9	131.9
77	68.9	45.3	67.9#
79	64.7	43.0	64.4#



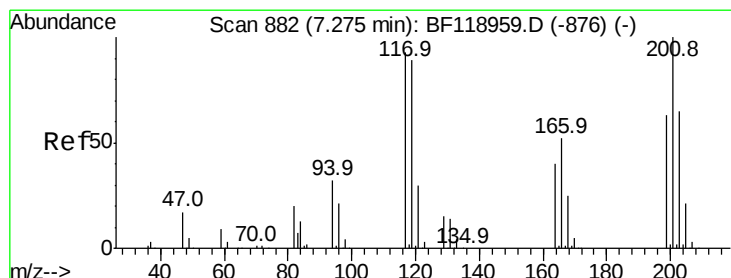
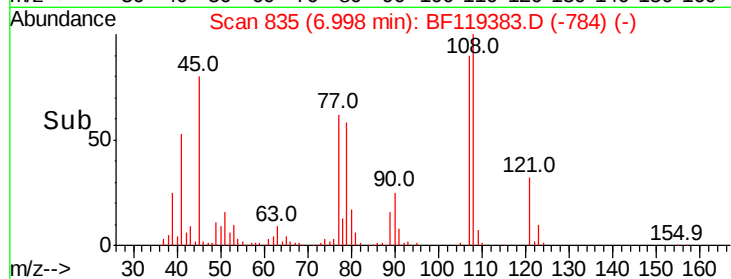
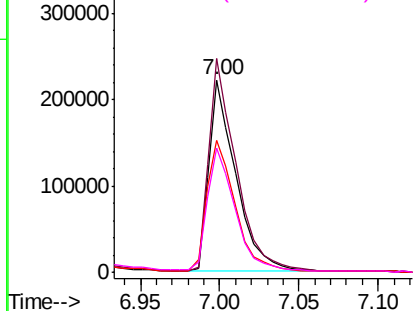
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

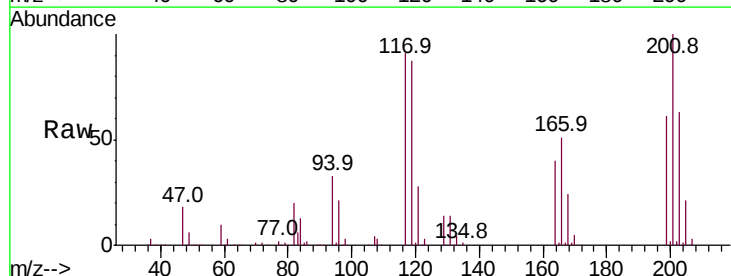
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.514 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.5	116.3
201	110.5	82.6	123.8

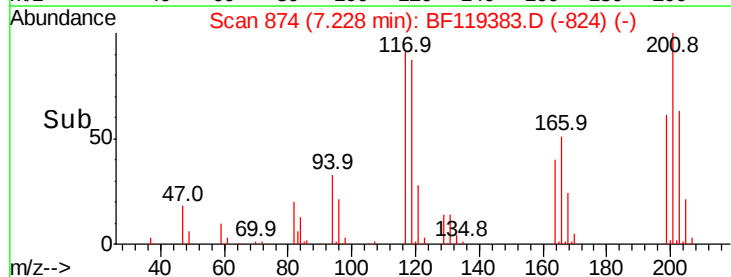
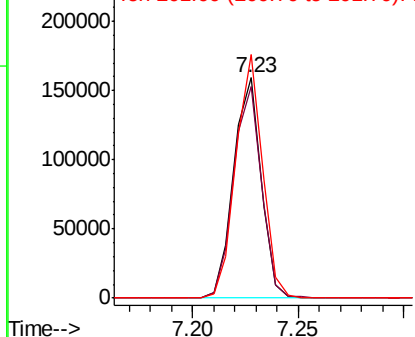


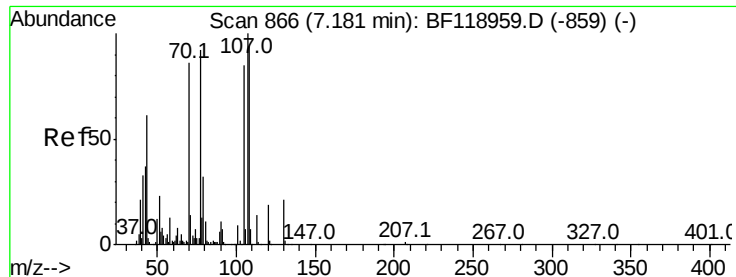
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

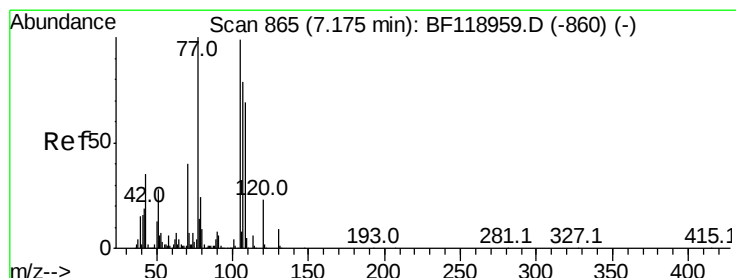
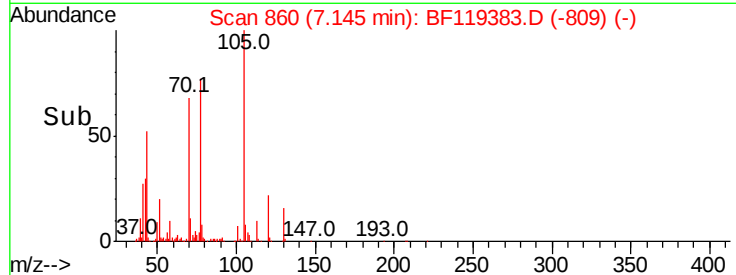
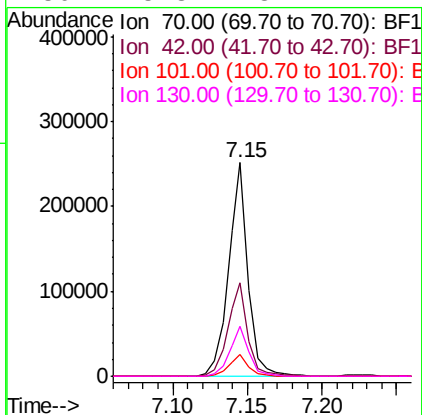
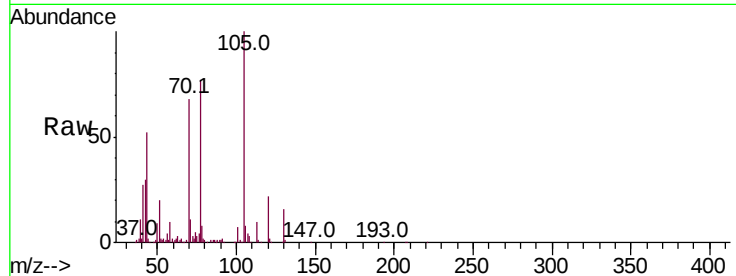




#19
n-Nitroso-di-n-propylamine
Concen: 42.600 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

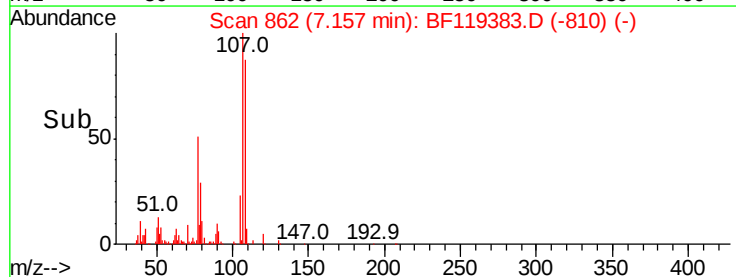
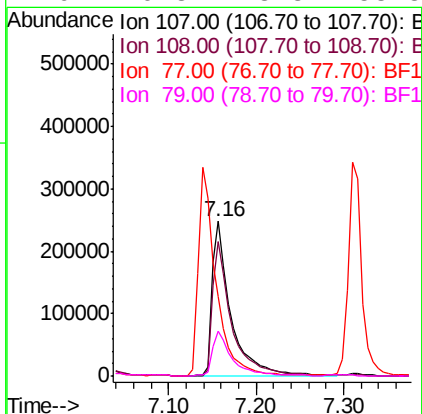
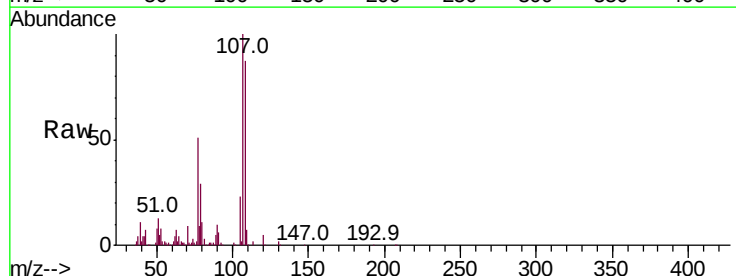
Instrument :
BNA_F
ClientSampleId :

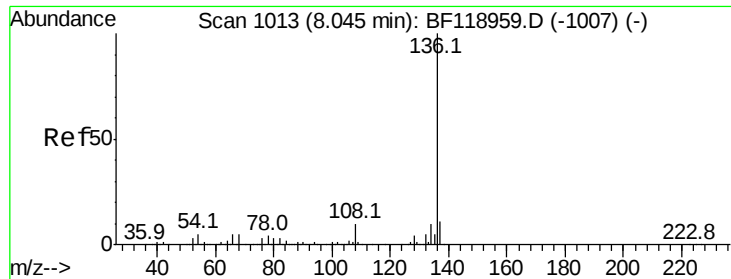
Tot Ion:	70	Resp:	229763
Ion	Ratio	Lower	Upper
70	100		
42	43.9	38.0	57.0
101	9.9	8.2	12.4
130	23.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 44.425 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:	107	Resp:	362433
Ion	Ratio	Lower	Upper
107	100		
108	86.8	71.5	111.5
77	51.1	45.9	85.9
79	29.3	13.8	53.8

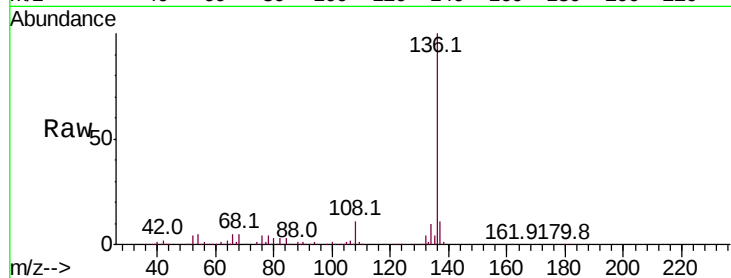




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 468429
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 5.3	3.8 5.6
68 5.2	3.9 5.9



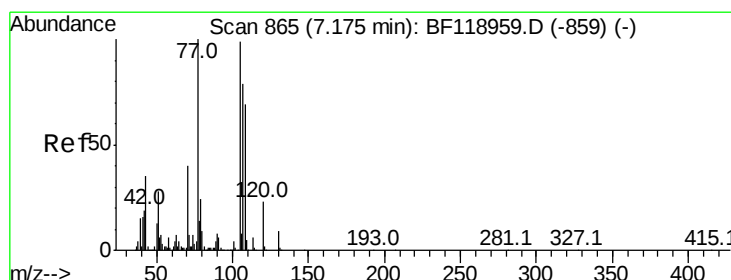
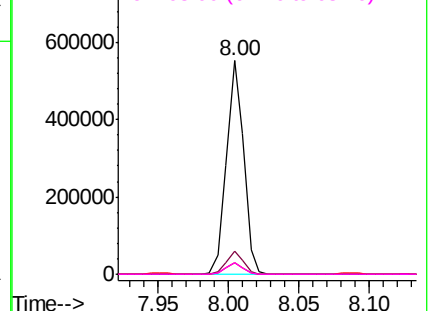
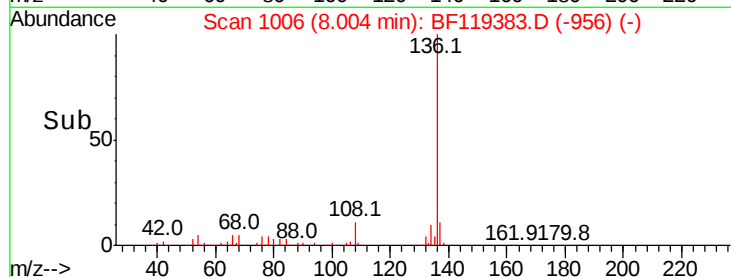
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

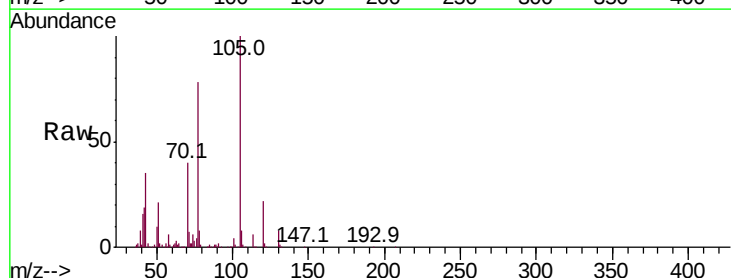
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.739 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:105	Resp: 452378
Ion Ratio	Lower Upper
105 100	
71 6.8	3.0 4.4#
51 21.2	20.1 30.1
120 22.2	18.0 27.0



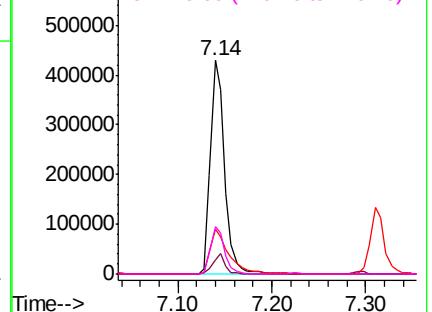
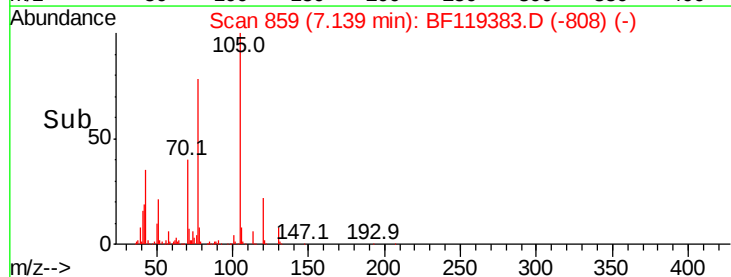
Abundance

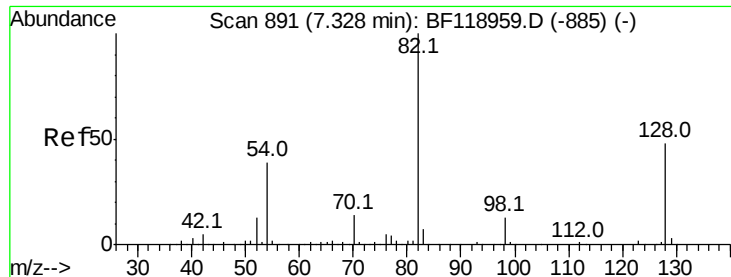
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

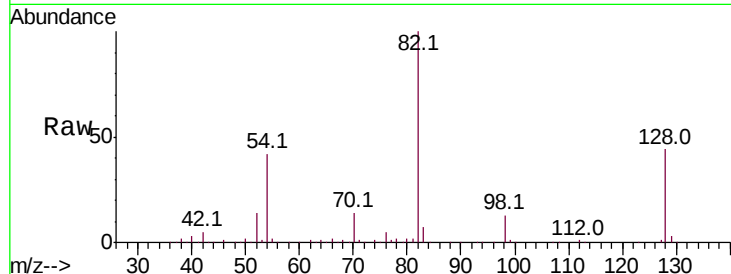




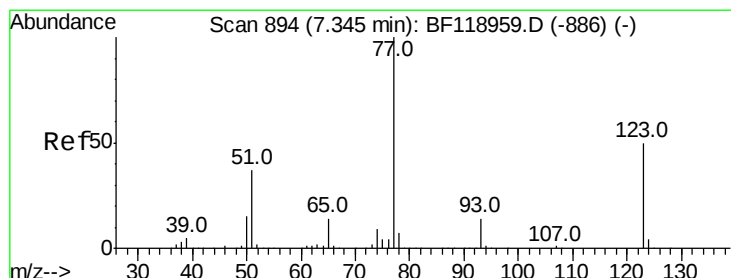
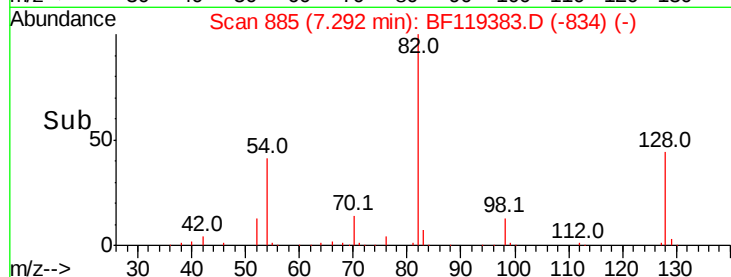
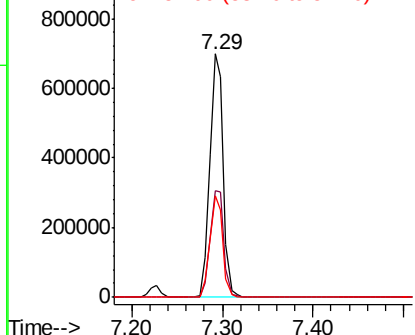
#23
Nitrobenzene-d5
Concen: 82.060 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.9	56.9
54	41.5	33.4	50.2

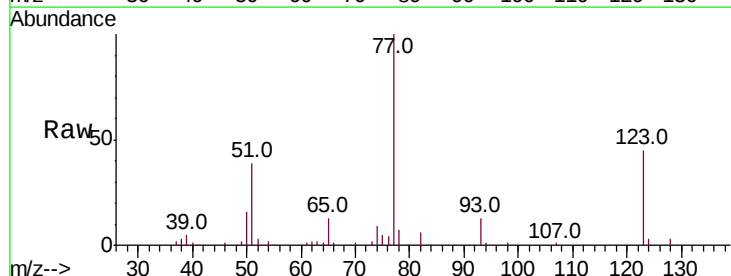


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

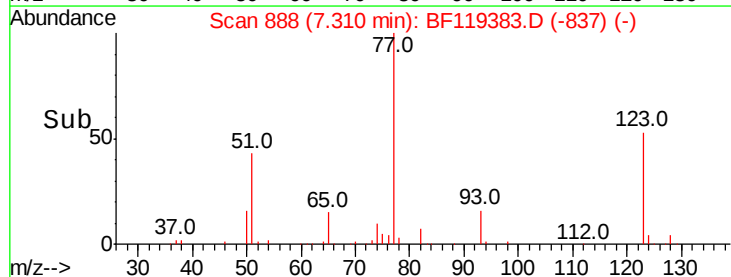
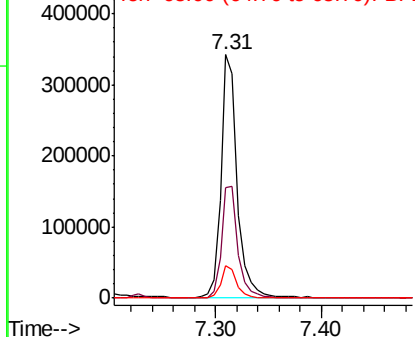


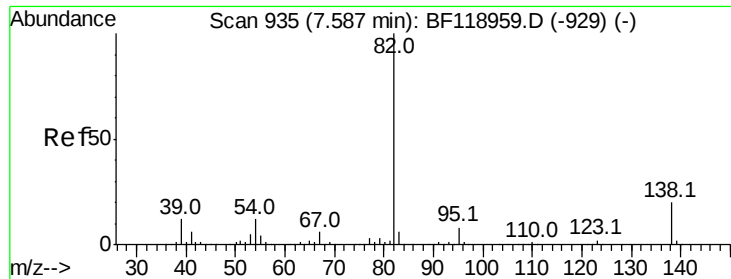
#24
Nitrobenzene
Concen: 41.452 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	40.2	60.2
65	13.4	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.357 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :

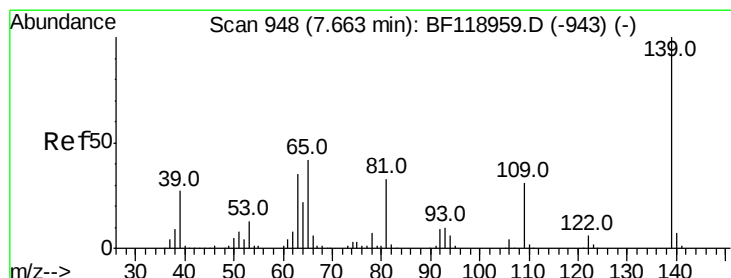
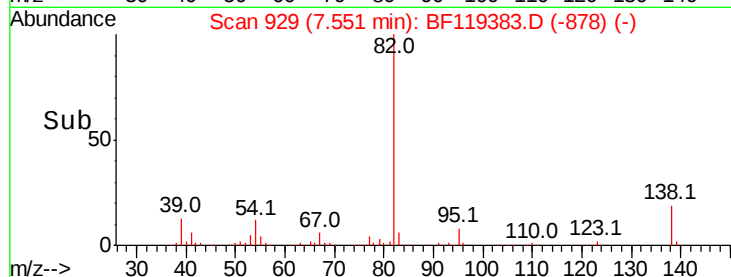
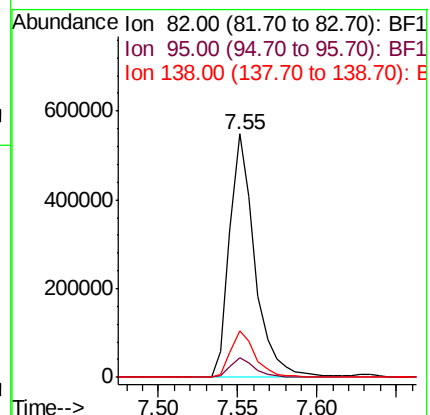
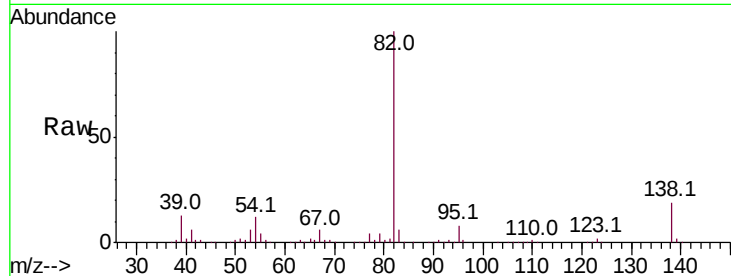
Tot Ion: 82 Resp: 606391

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

138 19.1 15.7 23.5



#26

2-Nitrophenol

Concen: 39.795 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

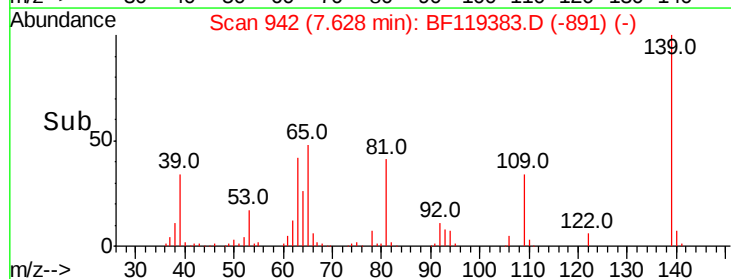
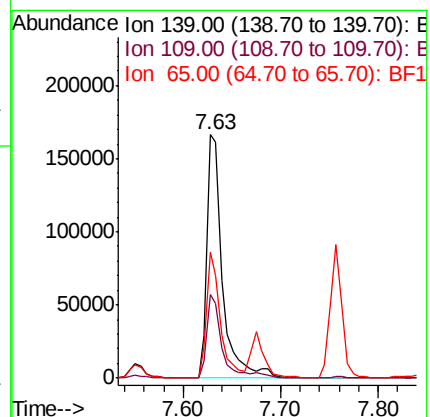
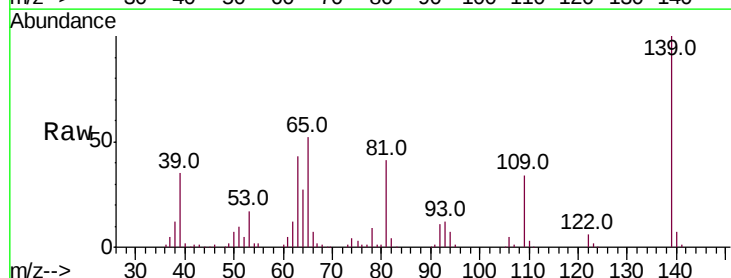
Tgt Ion: 139 Resp: 184985

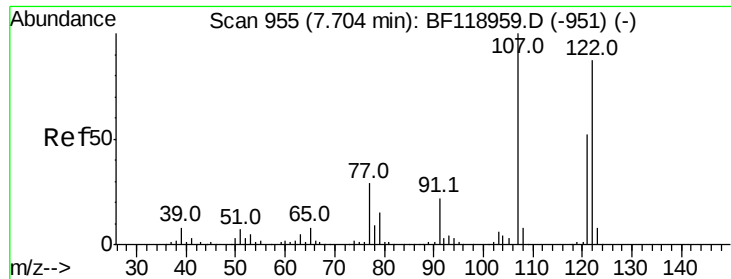
Ion Ratio Lower Upper

139 100

109 34.1 25.7 38.5

65 51.6 37.1 55.7

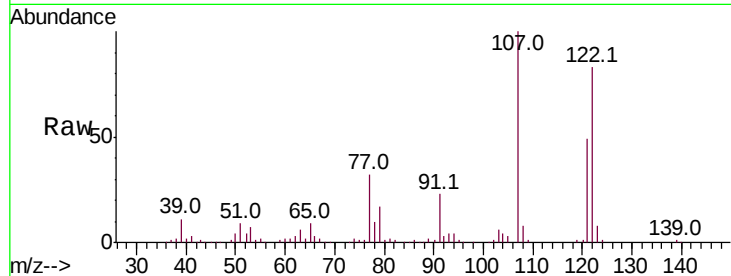




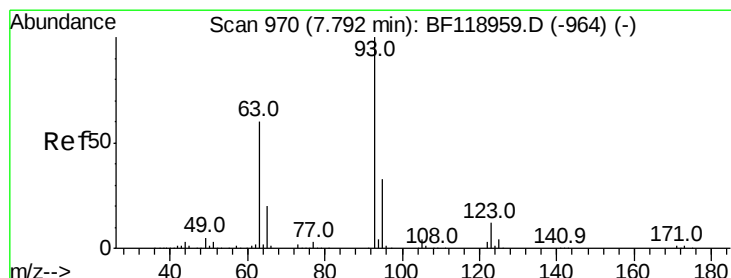
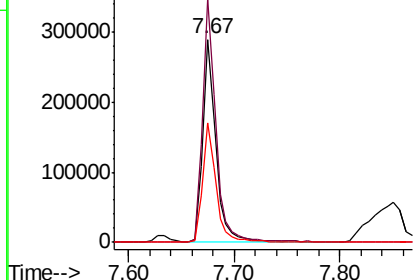
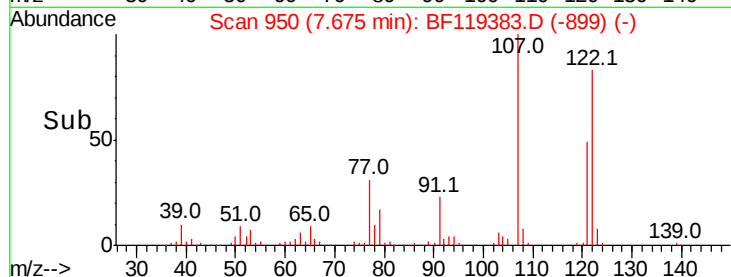
#27
2,4-Dimethylphenol
Concen: 39.183 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 247198
Ion Ratio Lower Upper
122 100
107 120.1 93.8 140.6
121 58.7 48.2 72.2

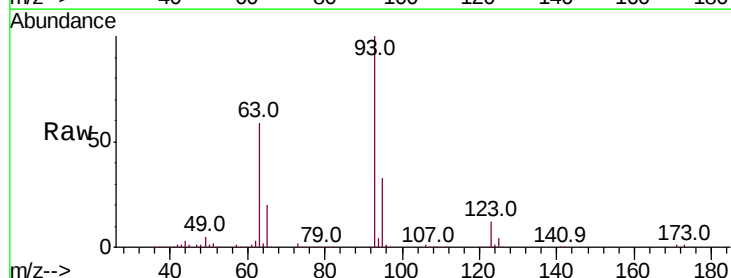


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

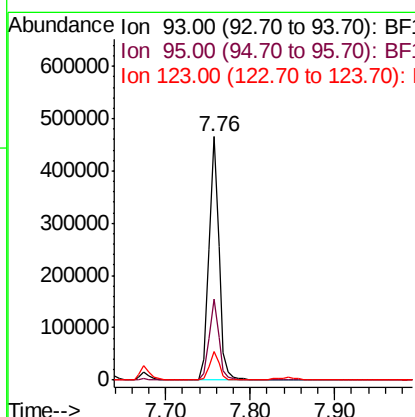
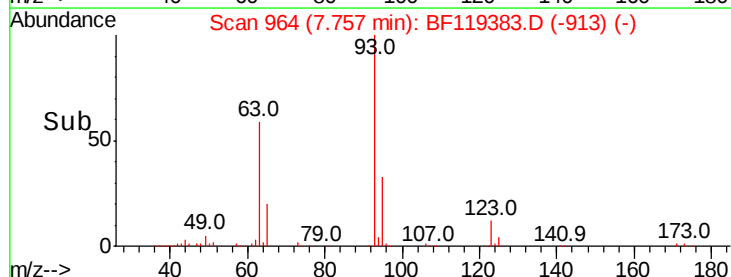


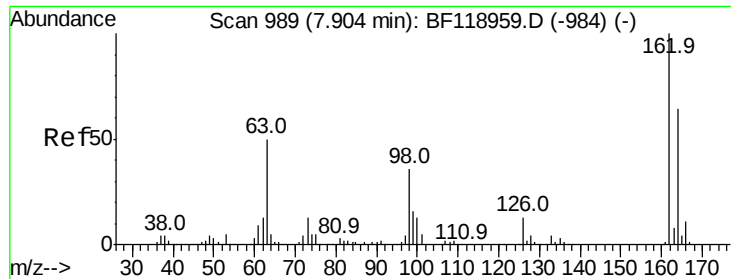
#28
bis(2-Chloroethoxy)methane
Concen: 38.925 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion: 93 Resp: 390365
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 11.7 10.2 15.2



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

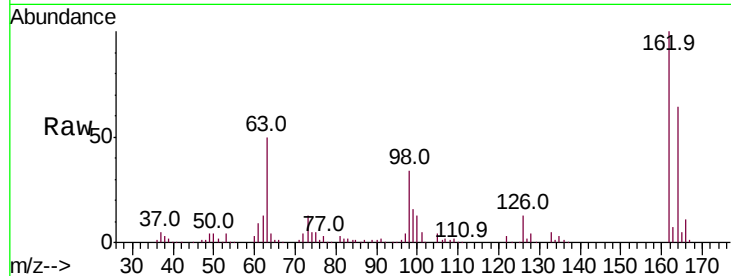




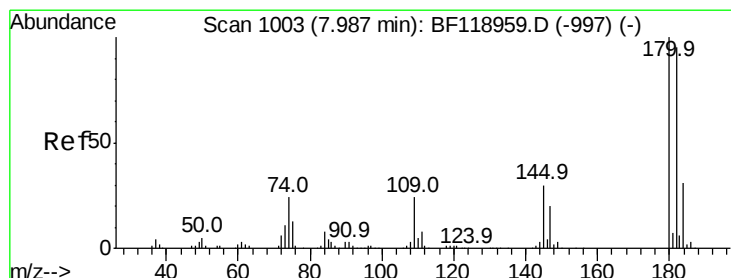
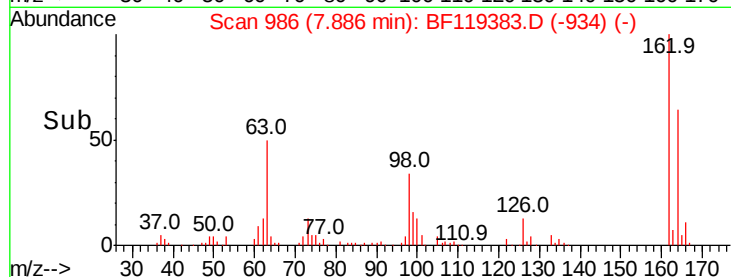
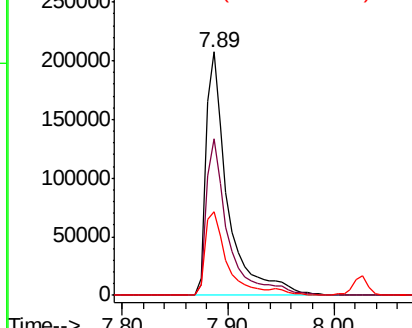
#29
 2,4-Dichlorophenol
 Concen: 39.926 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.2	85.2
98	34.4	17.4	57.4

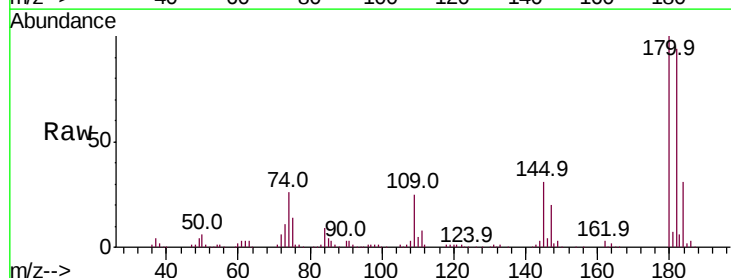


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

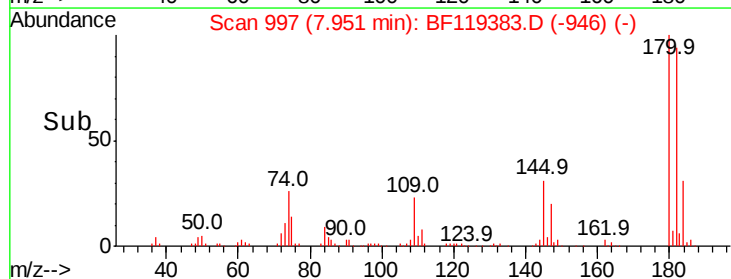
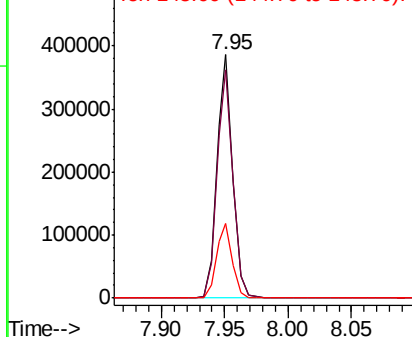


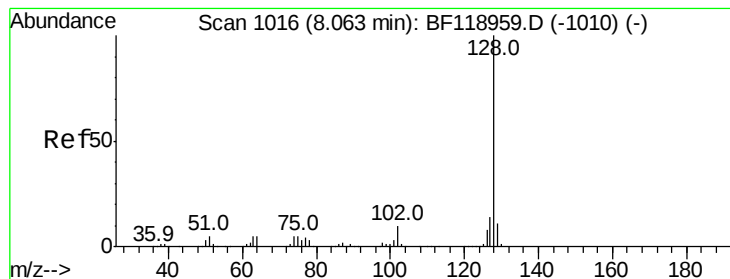
#30
 1,2,4-Trichlorobenzene
 Concen: 38.162 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.8	116.6
145	30.7	25.2	37.8



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





#31

Naphthalene

Concen: 39.648 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

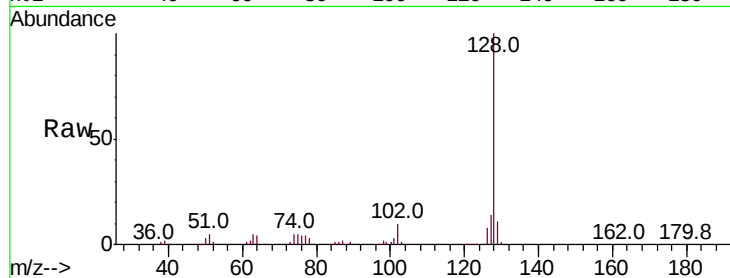
Tot Ion:128 Resp: 963200

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

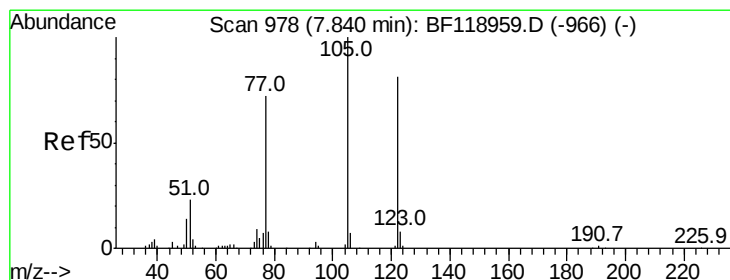
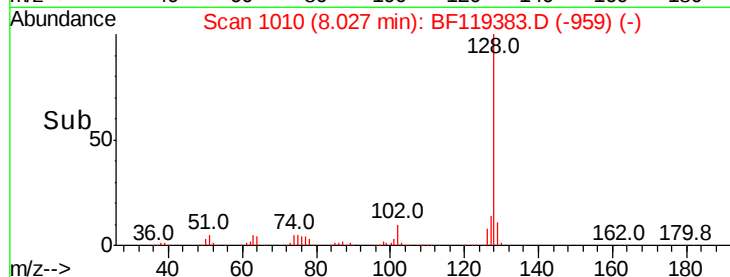
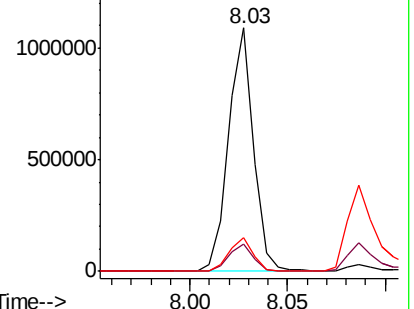
127 13.8 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.723 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

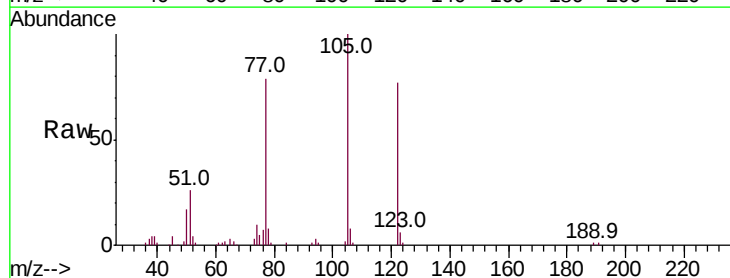
Tgt Ion:122 Resp: 139267

Ion Ratio Lower Upper

122 100

105 129.4 106.3 146.3

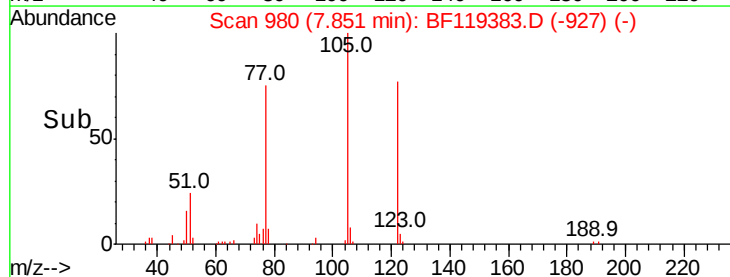
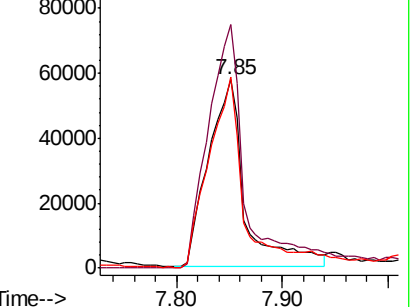
77 101.7 73.1 113.1

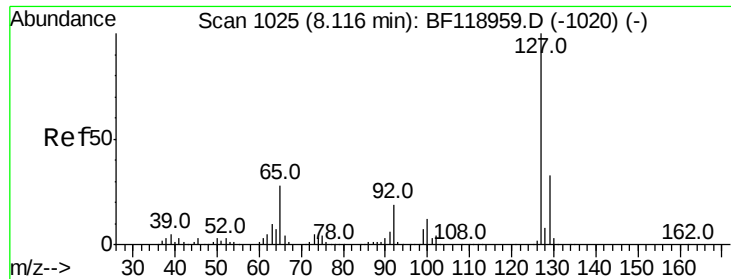


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

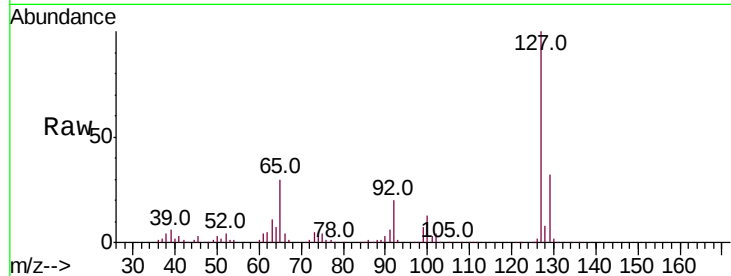




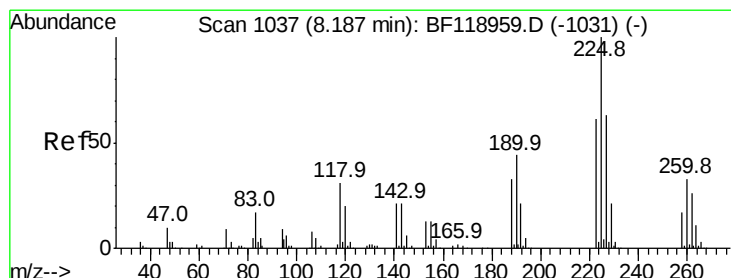
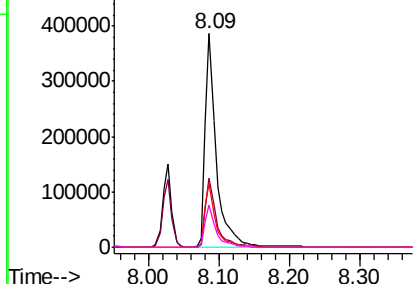
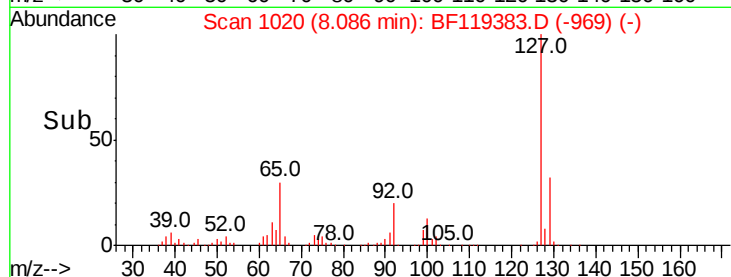
#33
4-Chloroaniline
Concen: 40.268 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	420756
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.1	23.9	35.9
92	19.6	16.3	24.5

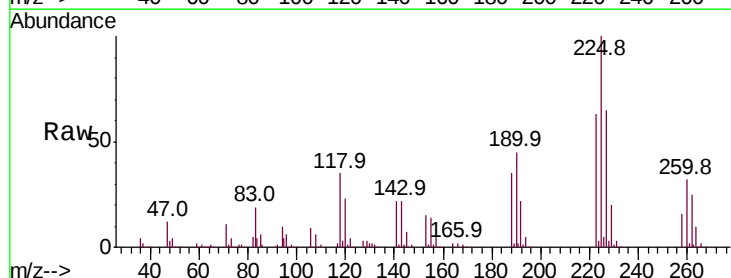


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

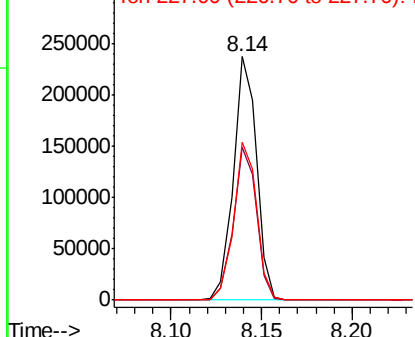
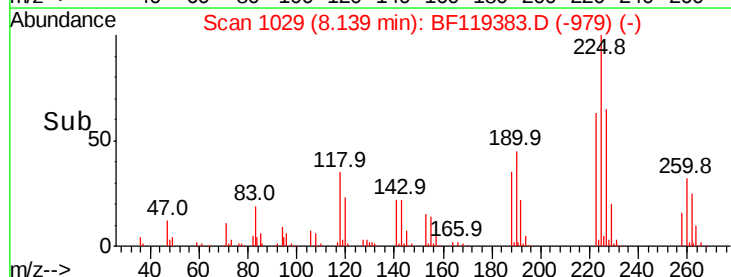


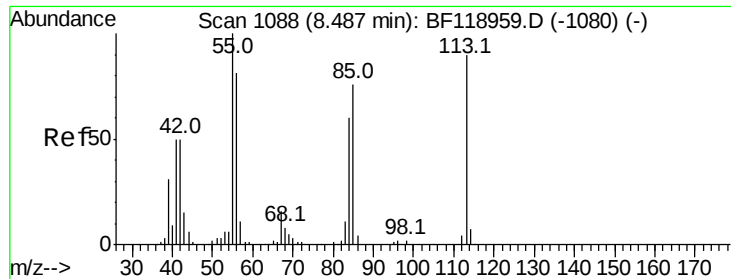
#34
Hexachlorobutadiene
Concen: 38.587 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:	225	Resp:	211654
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	64.7	52.9	79.3



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

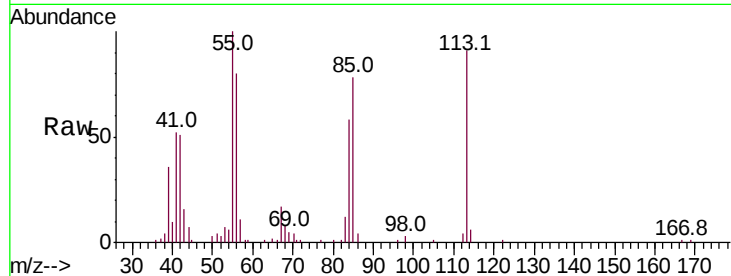




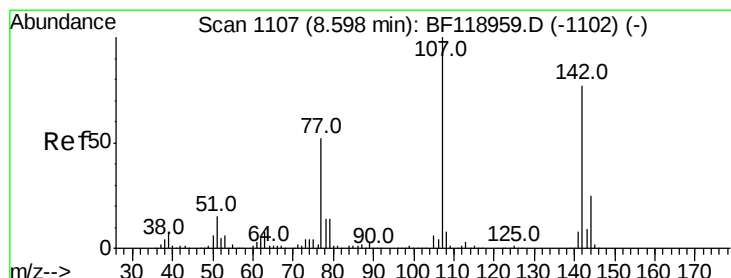
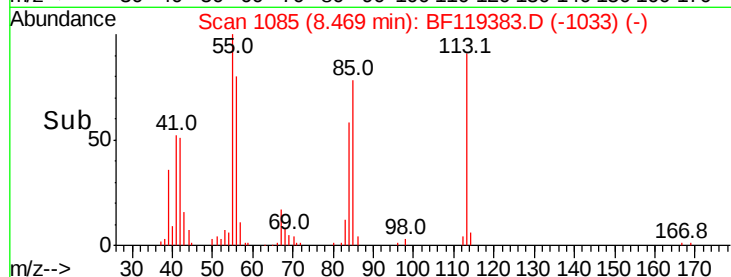
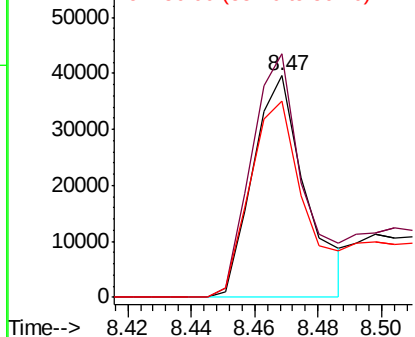
#35
 Caprolactam
 Concen: 20.054 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 45862
 Ion Ratio Lower Upper
 113 100
 55 109.8 95.7 135.7
 56 88.4 73.1 113.1

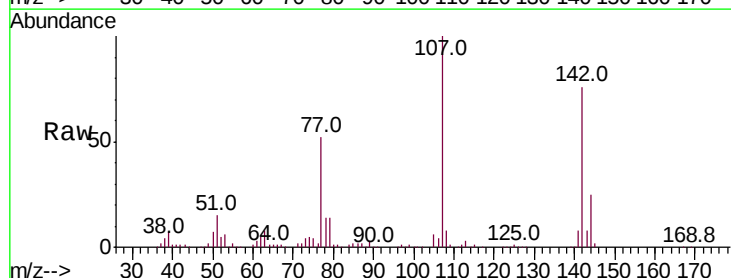


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

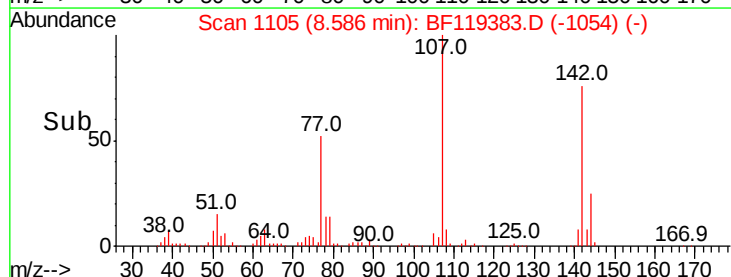
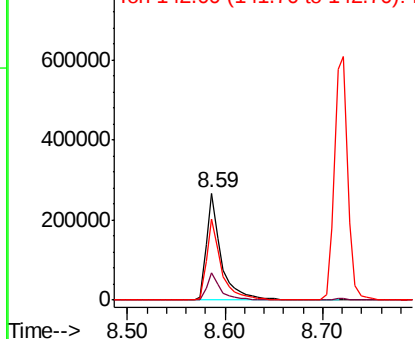


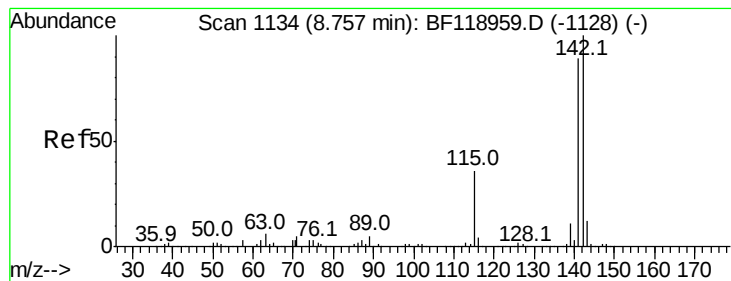
#36
 4-Chloro-3-methylphenol
 Concen: 36.909 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion:107 Resp: 277428
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.1 30.1
 142 75.9 61.4 92.2



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: 35.191 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

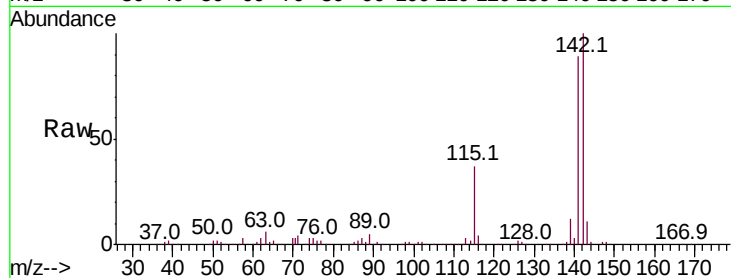
Tot Ion:142 Resp: 575328

Ion Ratio Lower Upper

142 100

141 89.3 72.3 108.5

115 37.1 30.6 45.8

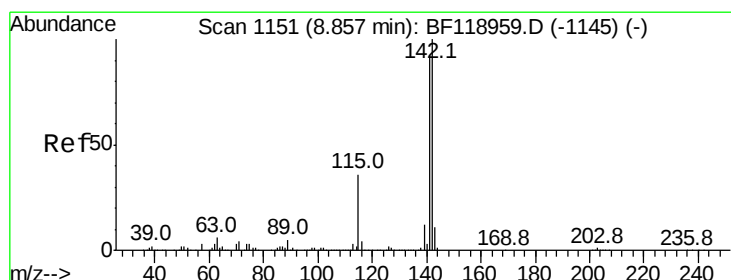
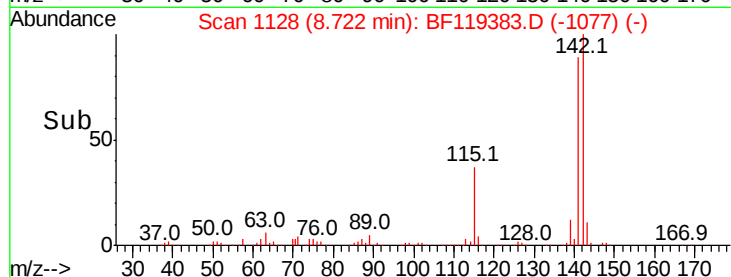
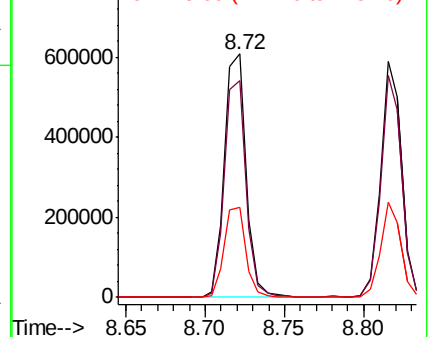


Abundance

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: 35.244 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

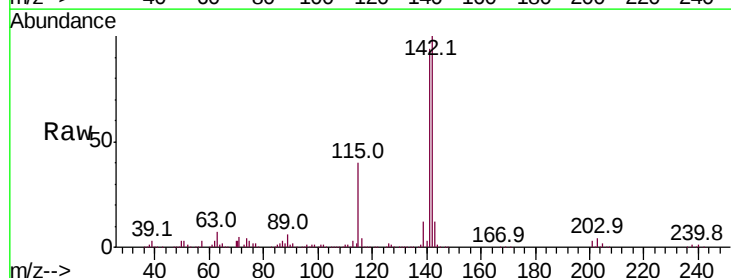
Tgt Ion:142 Resp: 541880

Ion Ratio Lower Upper

142 100

141 94.2 75.8 113.6

116 4.3 3.1 4.7

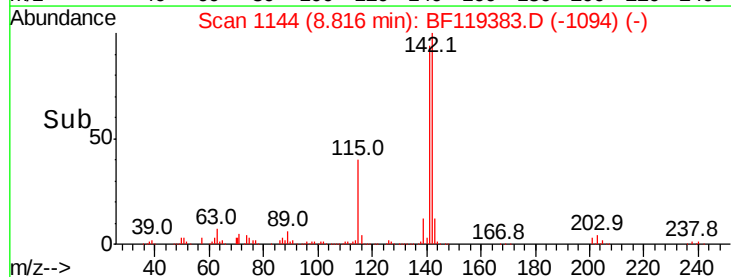
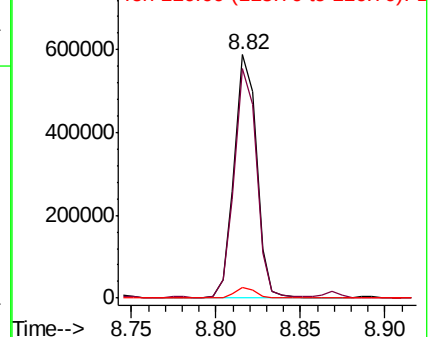


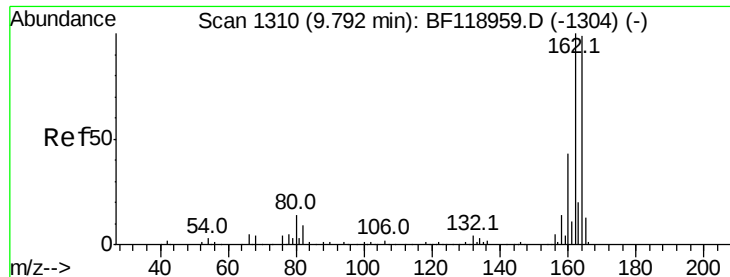
Abundance

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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

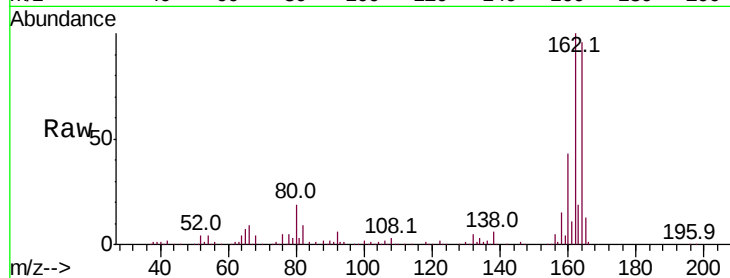
Tot Ion:164 Resp: 226513

Ion Ratio Lower Upper

164 100

162 104.6 81.8 122.8

160 45.4 36.0 54.0

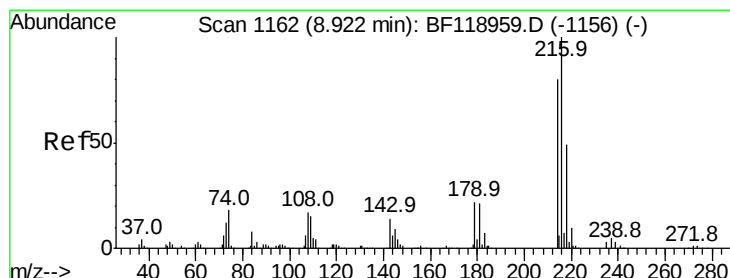
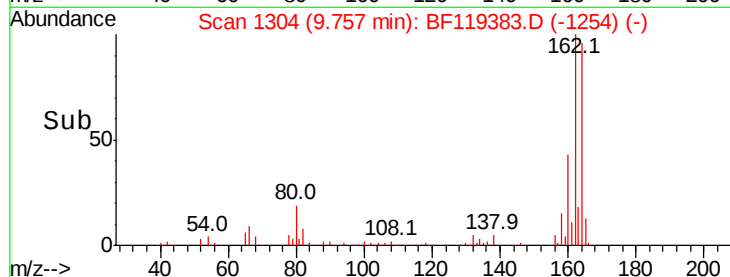
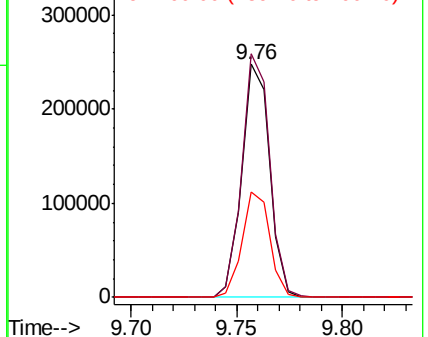


Abundance

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: 39.179 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Tgt Ion:216 Resp: 299212

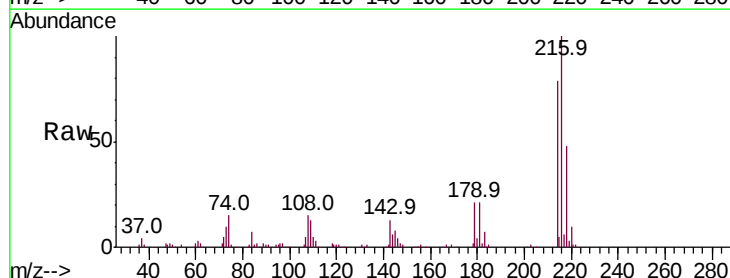
Ion Ratio Lower Upper

216 100

214 78.9 63.3 94.9

179 22.3 17.7 26.5

108 17.8 13.9 20.9



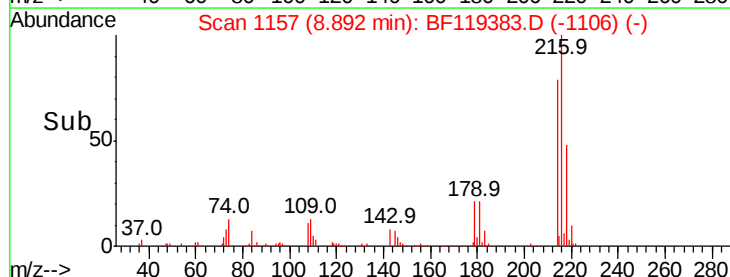
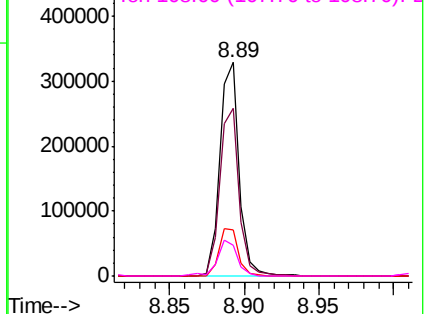
Abundance

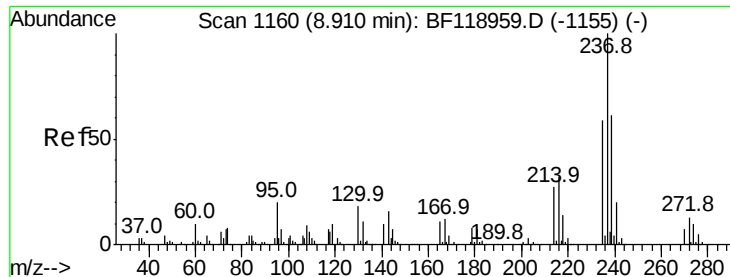
Ion 216.00 (215.70 to 216.70): E

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: 33.112 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

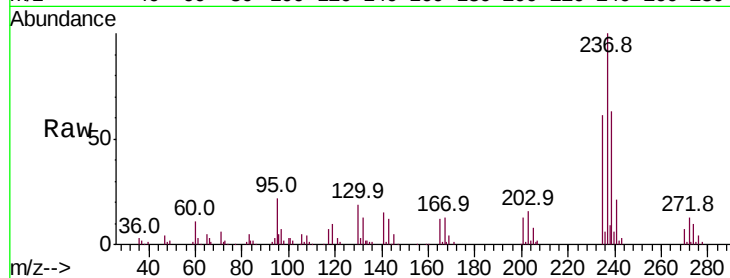
Tot Ion:237 Resp: 74706

Ion Ratio Lower Upper

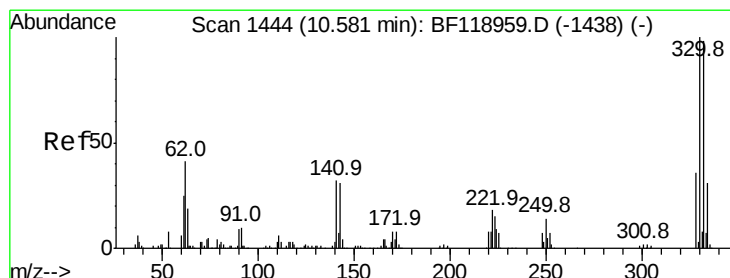
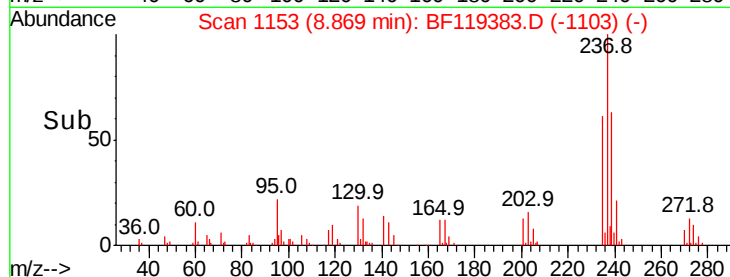
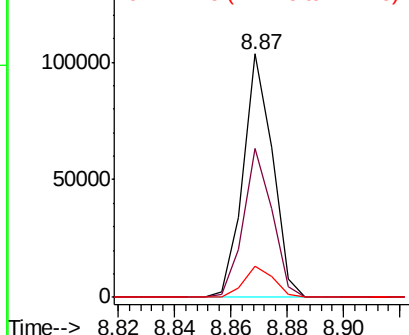
237 100

235 61.1 42.3 82.3

272 12.6 0.0 33.5



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: 74.584 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

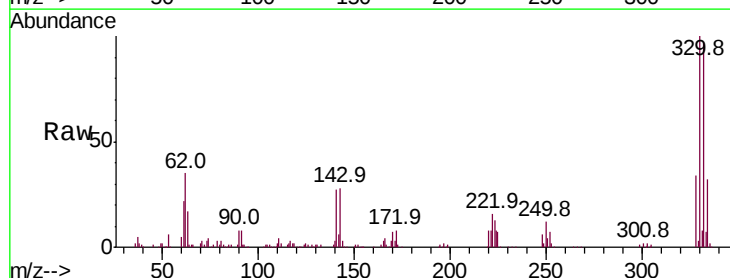
Tgt Ion:330 Resp: 221006

Ion Ratio Lower Upper

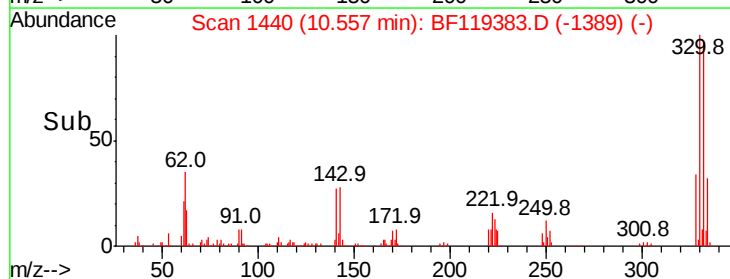
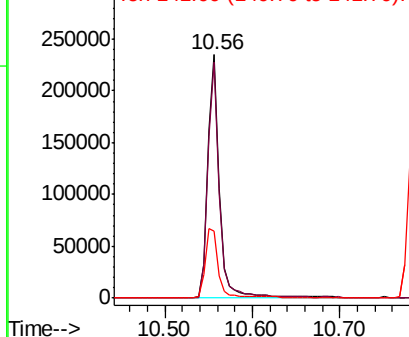
330 100

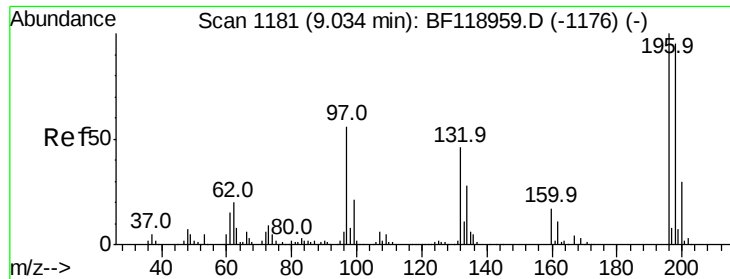
332 96.3 76.0 114.0

141 31.5 22.9 34.3



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

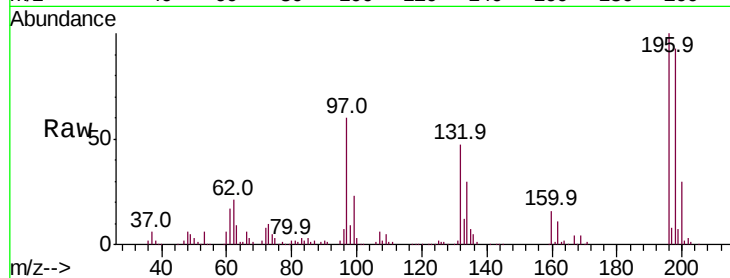




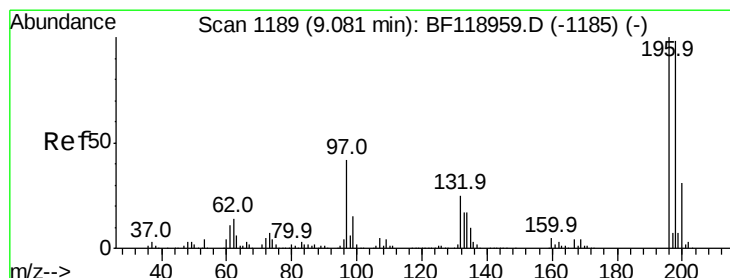
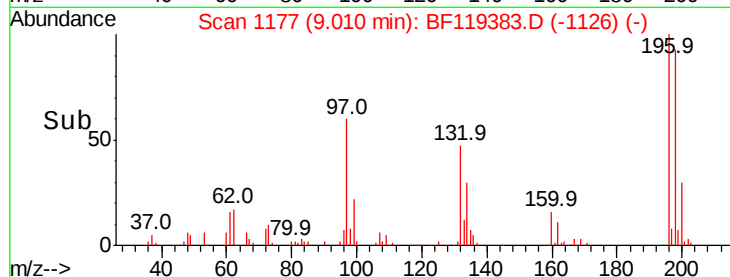
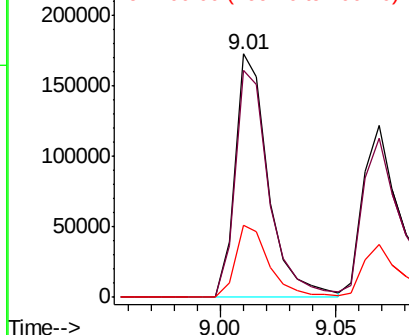
#43
 2,4,6-Trichlorophenol
 Concen: 36.142 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 174304
 Ion Ratio Lower Upper
 196 100
 198 93.2 77.1 115.7
 200 29.7 25.0 37.6

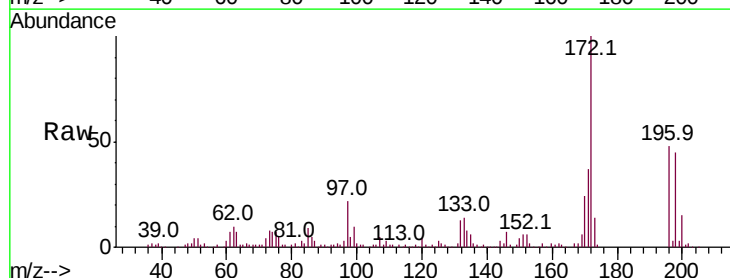


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

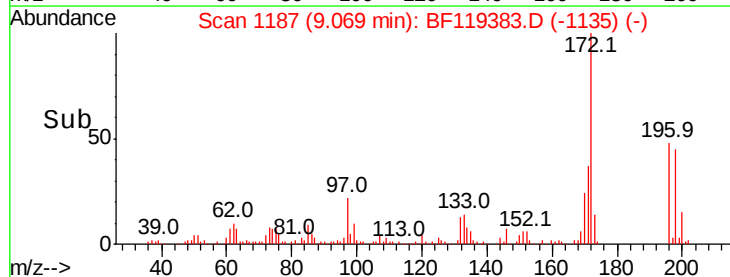
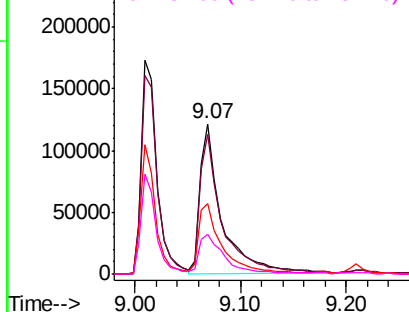


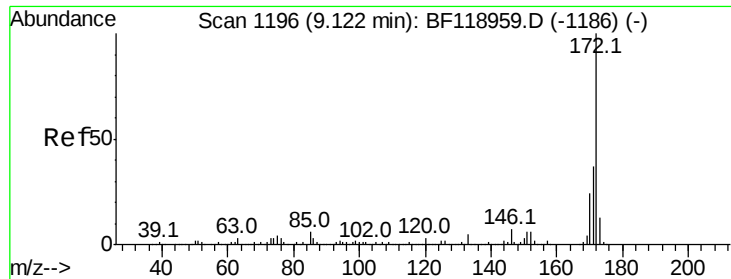
#44
 2,4,5-Trichlorophenol
 Concen: 33.454 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion:196 Resp: 169304
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.8 115.2
 97 46.5 38.5 57.7
 132 26.8 22.2 33.4



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

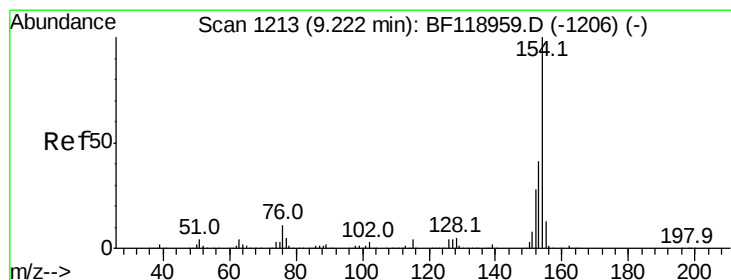
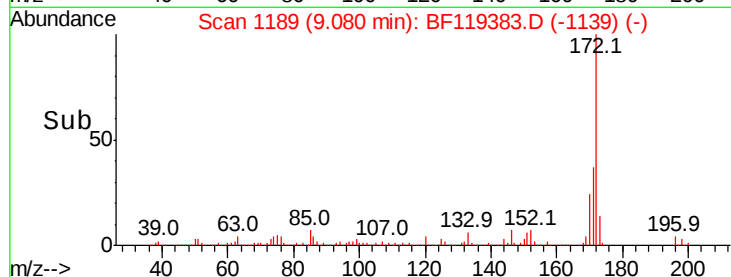
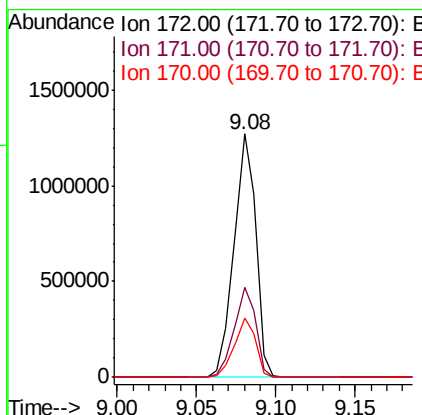
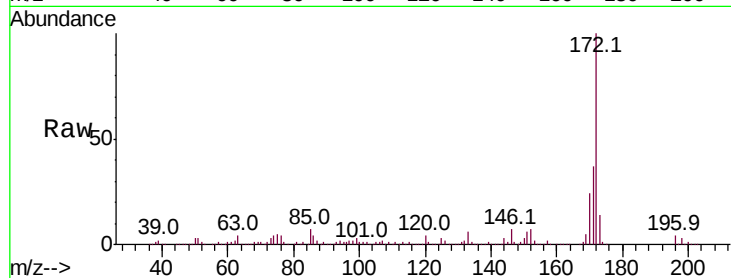




#45
2-Fluorobiphenyl
Concen: 78.659 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

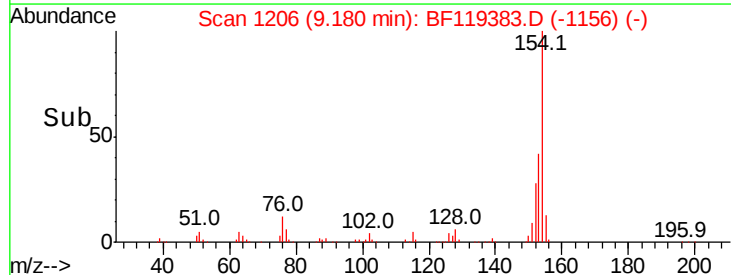
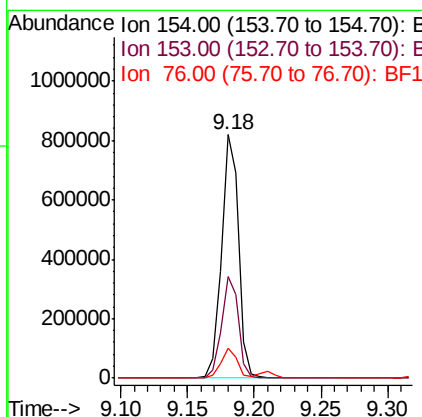
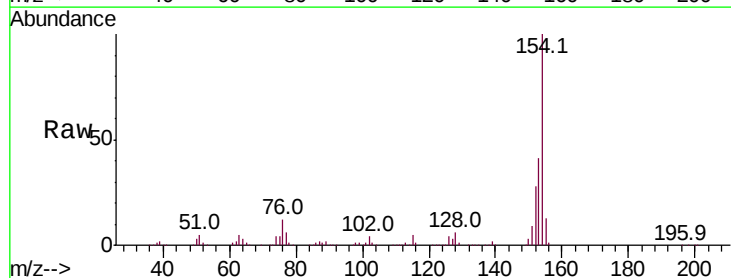
Instrument :
BNA_F
ClientSampleId :

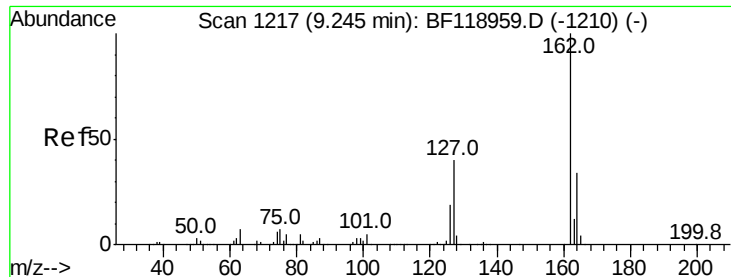
Tot Ion:172 Resp: 1209449
Ion Ratio Lower Upper
172 100
171 36.8 30.6 45.8
170 24.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.285 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:154 Resp: 737498
Ion Ratio Lower Upper
154 100
153 41.5 22.8 62.8
76 12.3 0.0 32.2

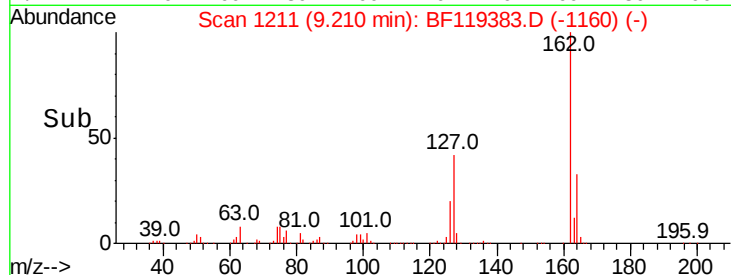
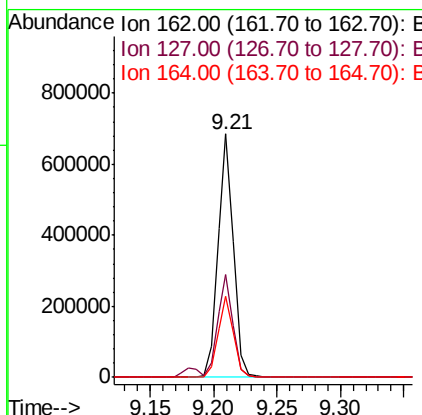
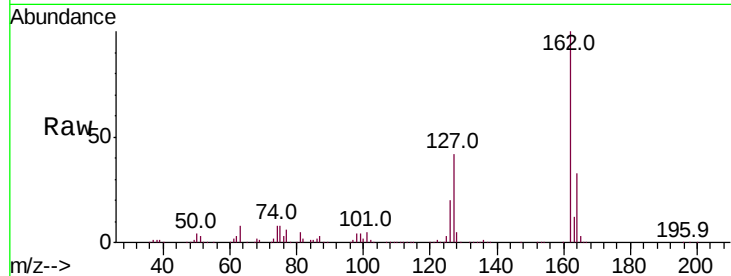




#47
 2-Chloronaphthalene
 Concen: 39.989 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

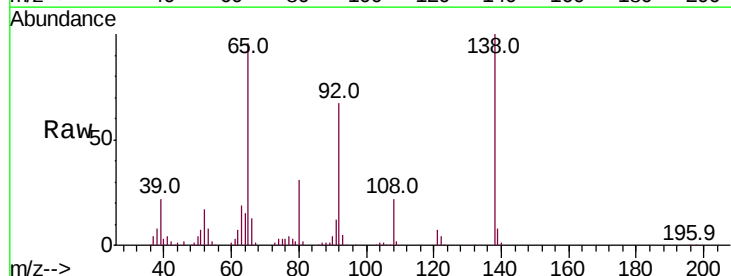
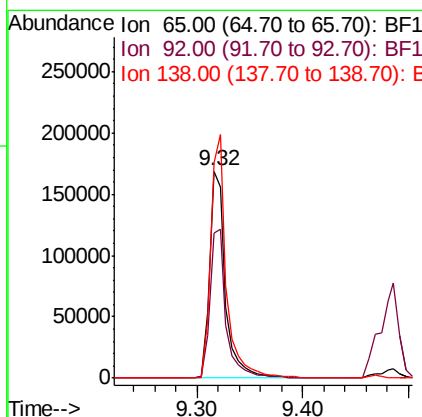
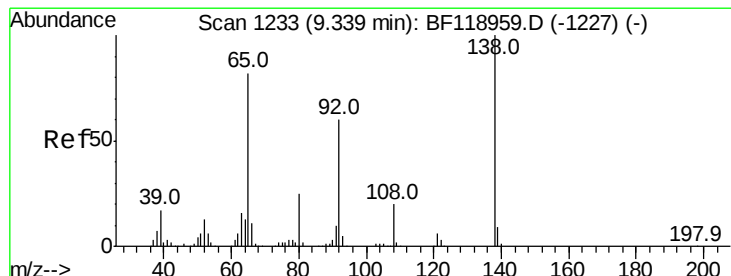
Instrument :
 BNA_F
 ClientSampleId :

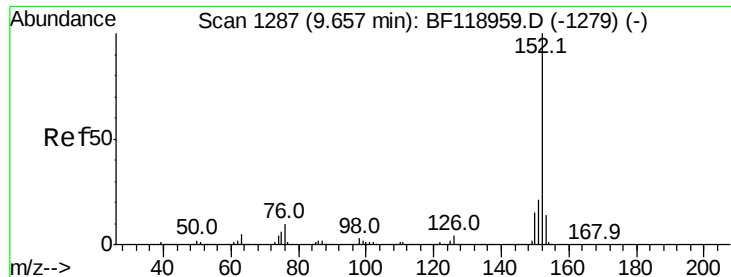
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	35.0	52.4
164	33.1	27.2	40.8



#48
 2-Nitroaniline
 Concen: 43.379 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	58.2	87.2
138	104.4	95.6	143.4





#49

Acenaphthylene

Concen: 39.284 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

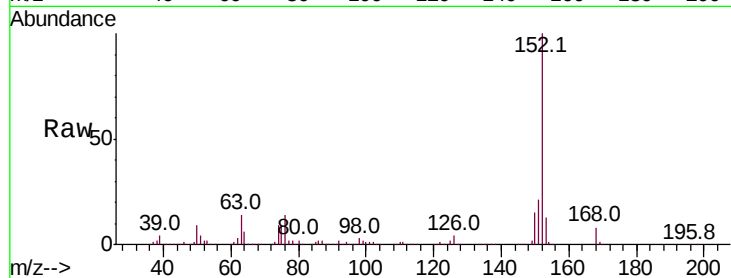
Tot Ion:152 Resp: 837020

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

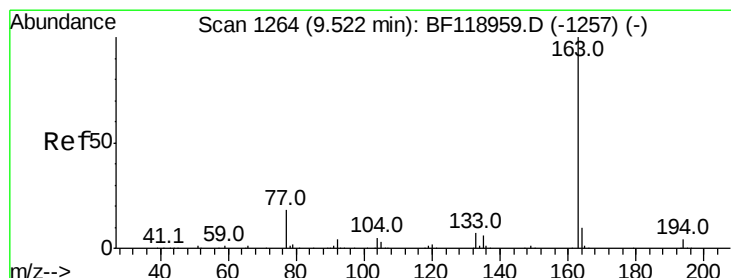
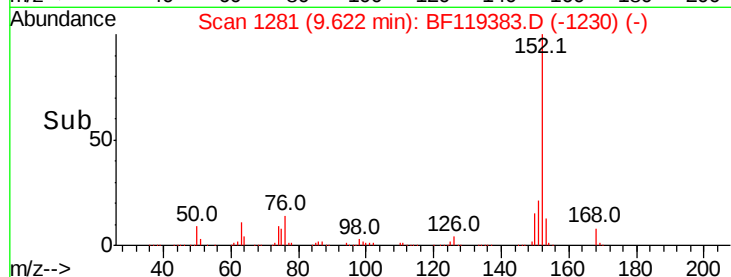
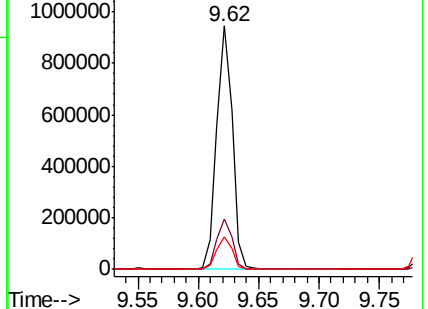
153 13.3 11.0 16.6



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: 38.907 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

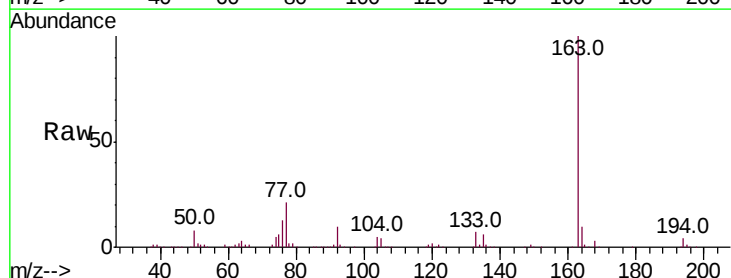
Tgt Ion:163 Resp: 673903

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

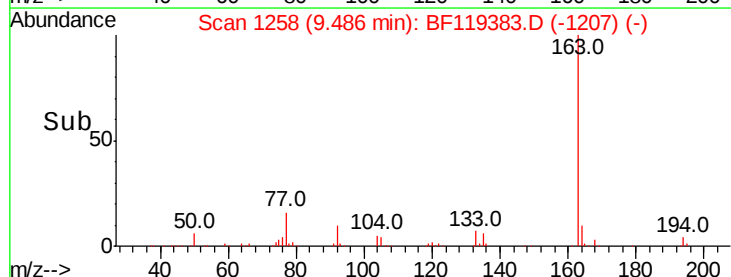
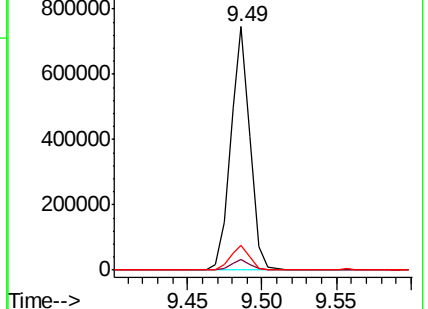
164 10.3 8.4 12.6

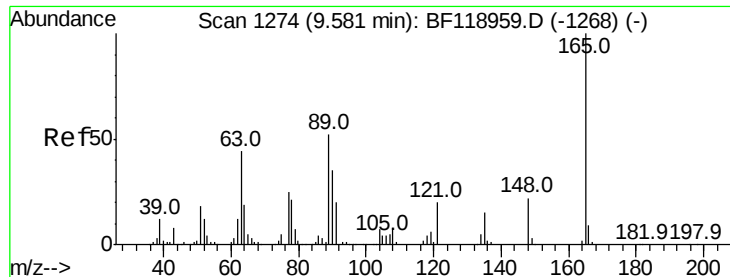


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.924 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampled :

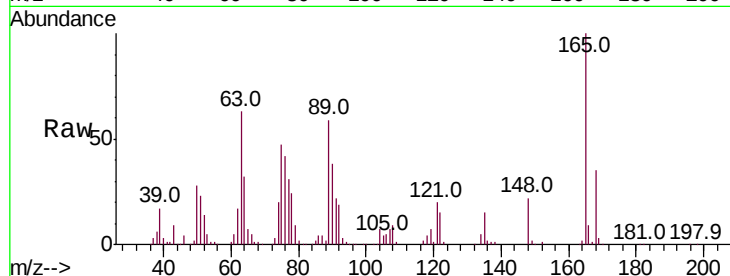
Tot Ion:165 Resp: 149787

Ion Ratio Lower Upper

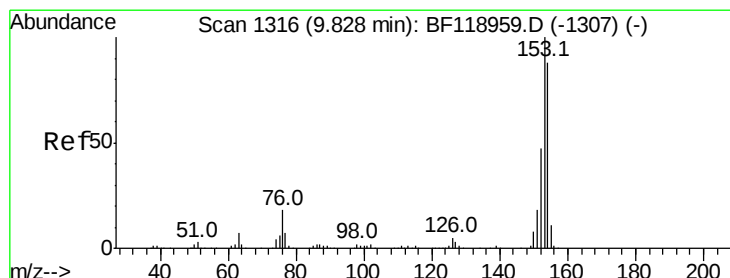
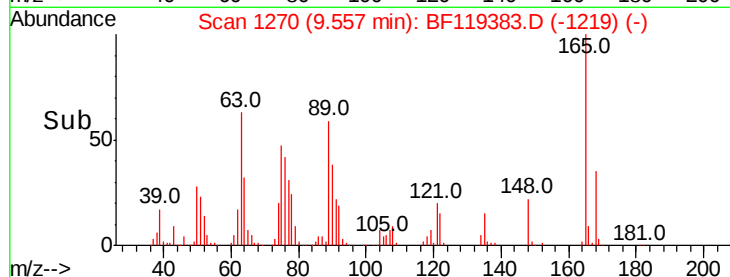
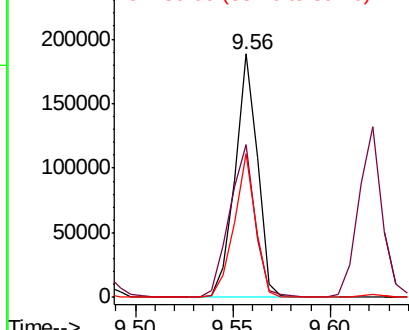
165 100

63 62.5 34.3 51.5#

89 59.0 38.3 57.5#



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: 40.416 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

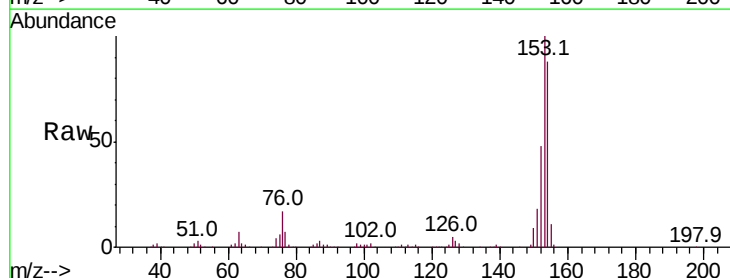
Tgt Ion:154 Resp: 519264

Ion Ratio Lower Upper

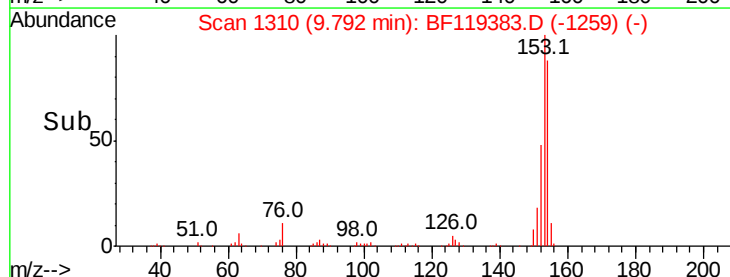
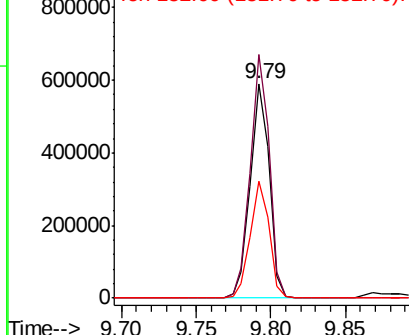
154 100

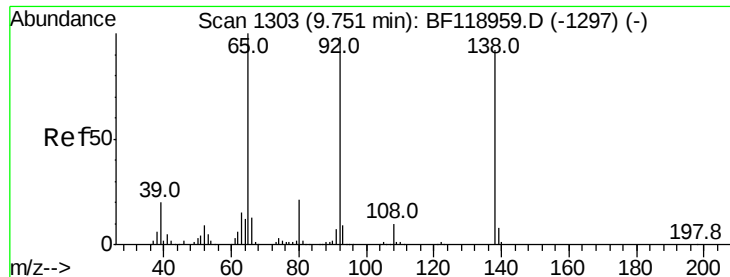
153 113.5 90.3 135.5

152 54.4 43.8 65.8



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

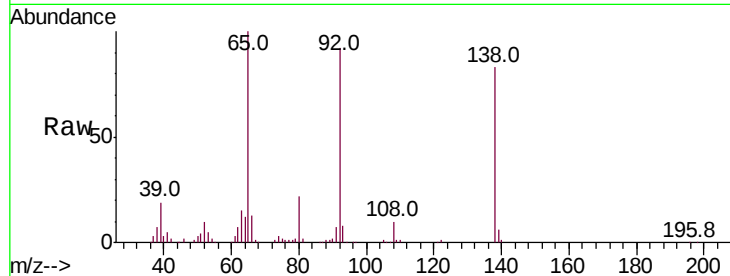




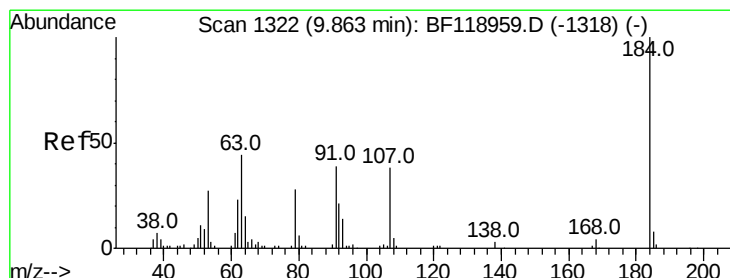
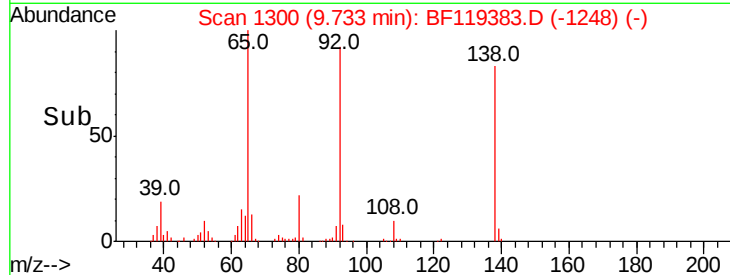
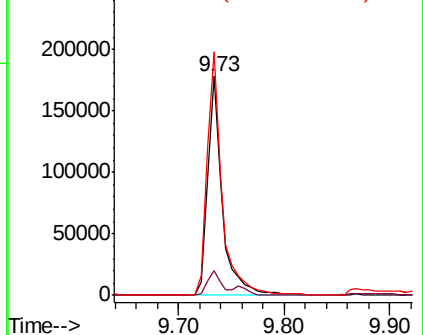
#53
3-Nitroaniline
Concen: 40.193 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 171470
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 111.1 84.8 127.2

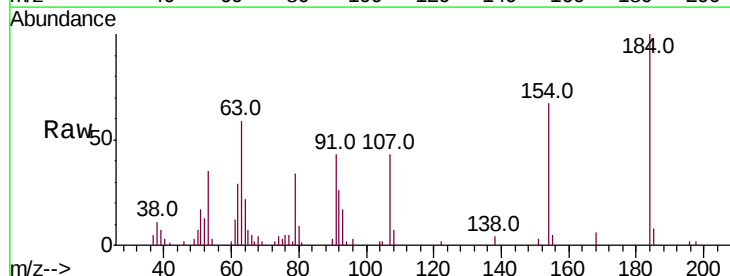


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

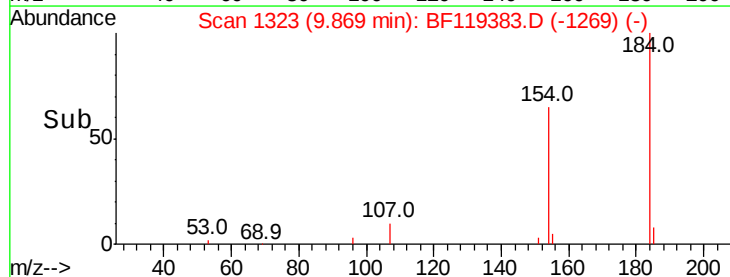
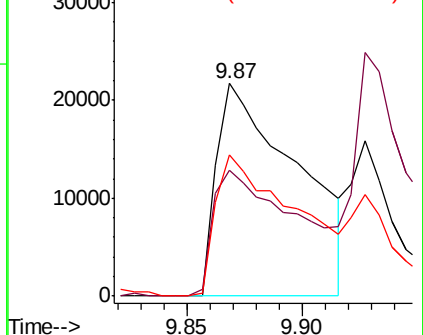


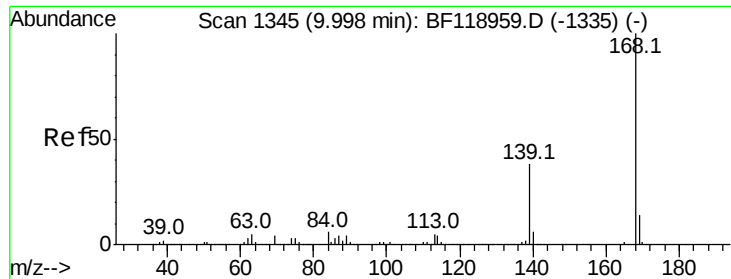
#54
2,4-Dinitrophenol
Concen: 32.888 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:184 Resp: 52429
Ion Ratio Lower Upper
184 100
63 59.1 38.7 58.1#
154 66.5 49.7 74.5



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

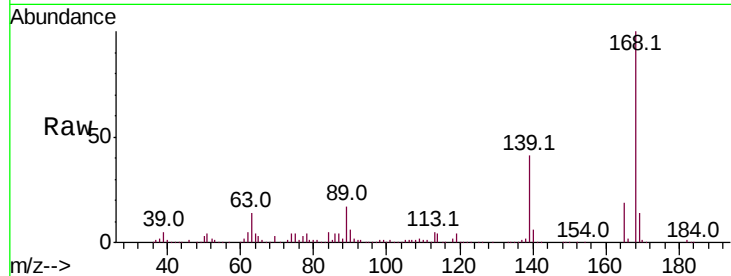




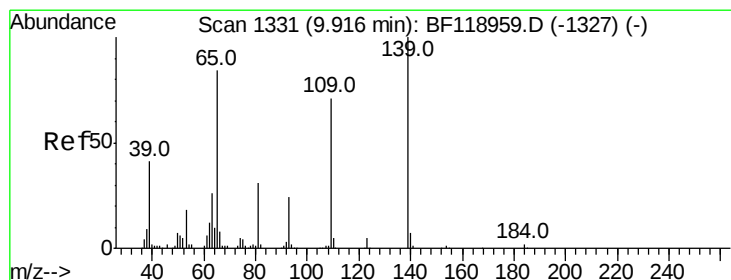
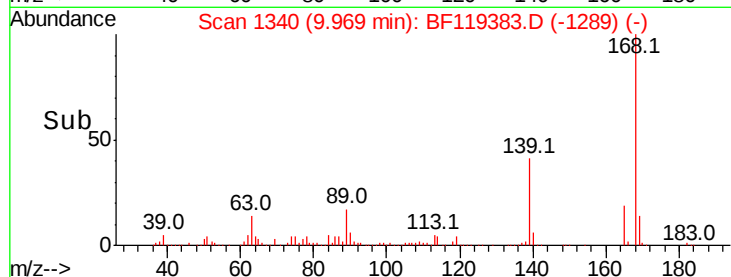
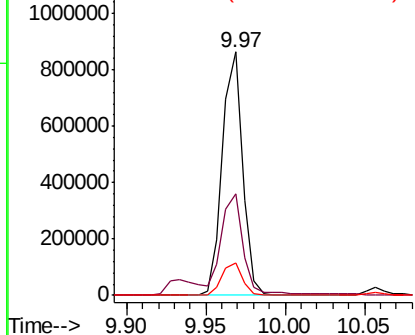
#55
Dibenzofuran
Concen: 40.014 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 767341
Ion Ratio Lower Upper
168 100
139 41.4 34.0 51.0
169 13.6 11.0 16.4

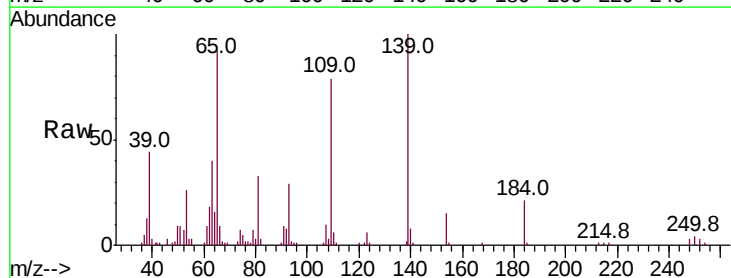


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

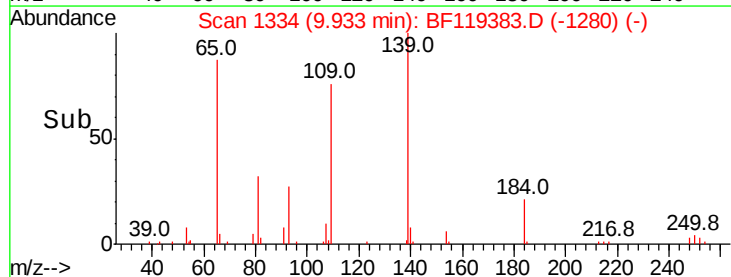
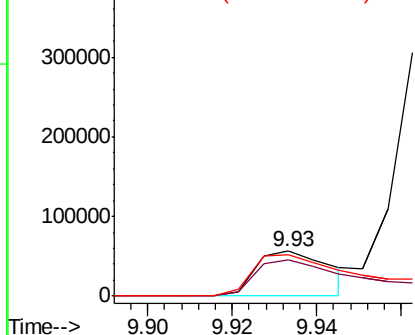


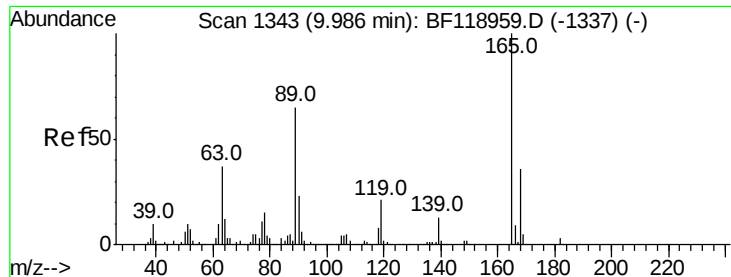
#56
4-Nitrophenol
Concen: 26.791 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:139 Resp: 68672
Ion Ratio Lower Upper
139 100
109 79.0 56.7 96.7
65 92.0 65.0 105.0



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

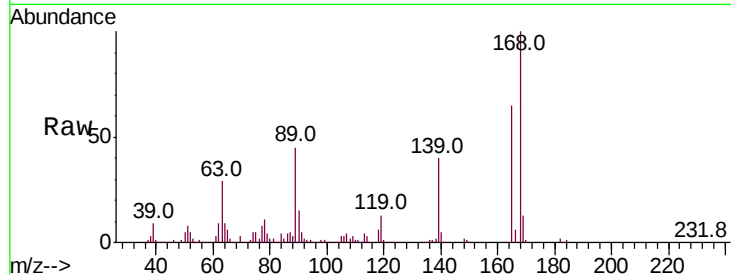




#57
 2,4-Dinitrotoluene
 Concen: 40.186 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.9	42.3	63.5
89	68.1	60.2	90.4
182	3.0	2.3	3.5



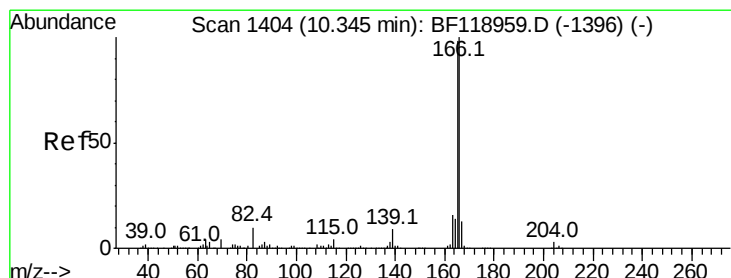
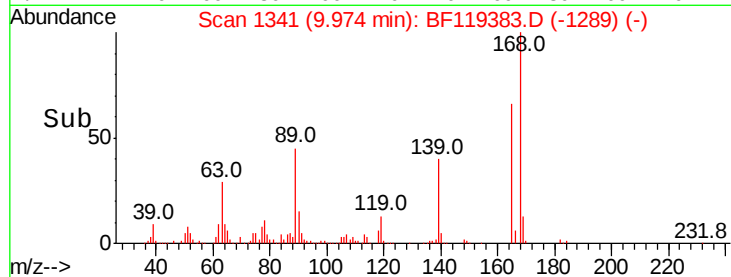
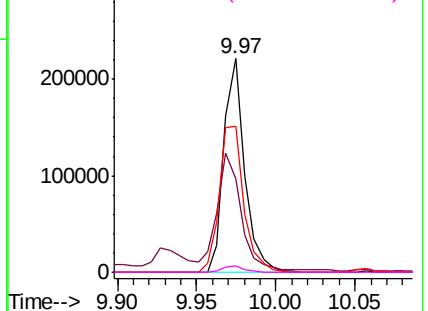
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

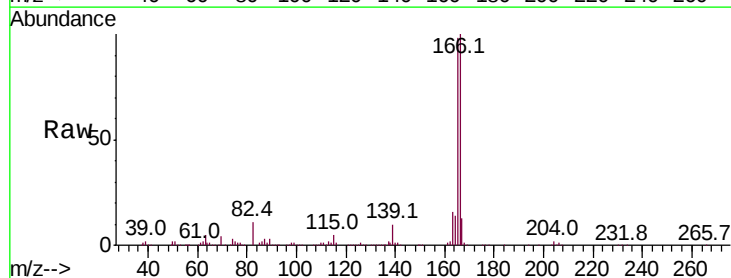
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.001 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.5	117.7
167	13.4	11.0	16.4

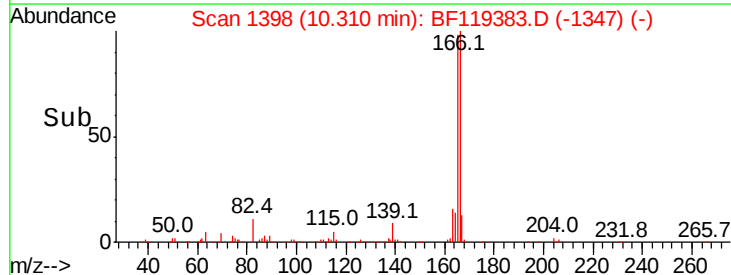
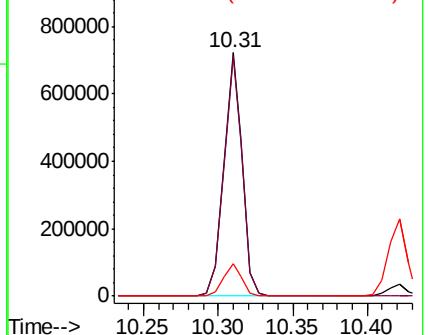


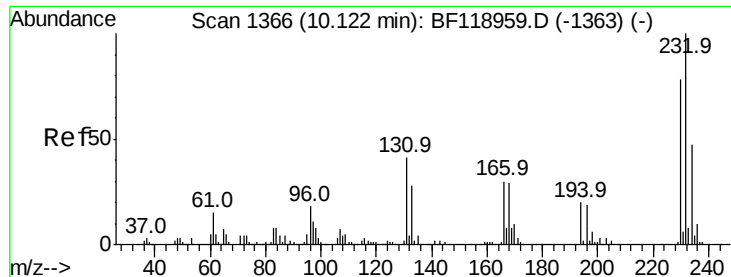
Abundance

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: 34.134 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 145761

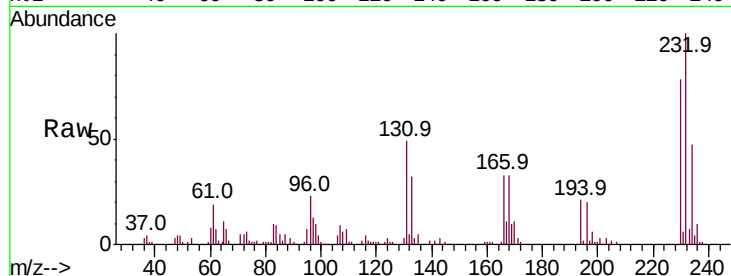
Ion Ratio Lower Upper

232 100

131 47.3 33.8 50.8

130 2.5 1.8 2.6

166 29.7 23.0 34.4

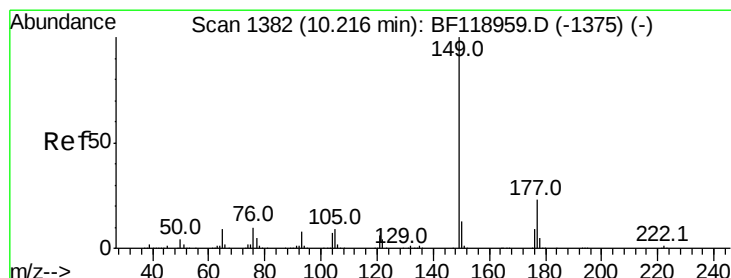
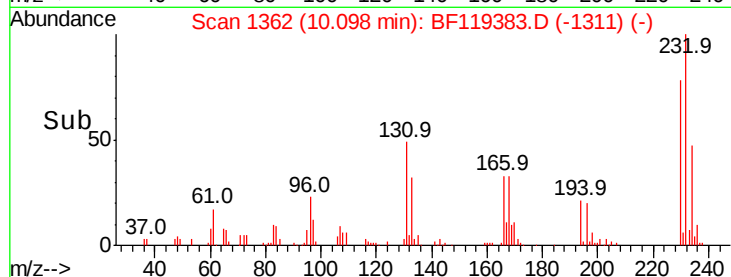
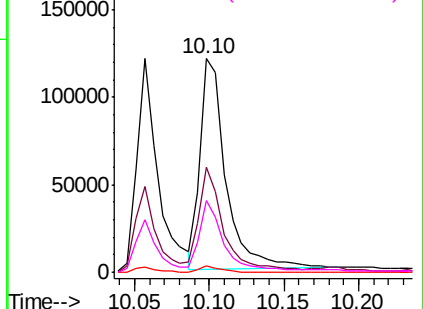


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.169 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

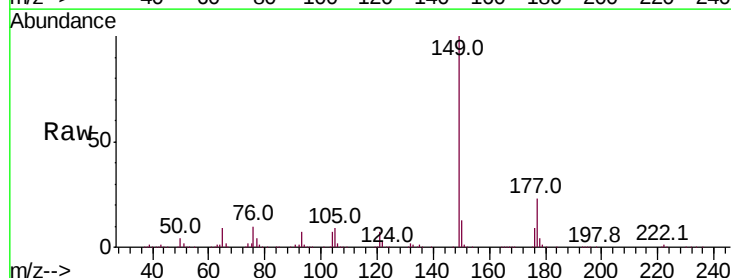
Tgt Ion:149 Resp: 655676

Ion Ratio Lower Upper

149 100

177 22.6 18.2 27.2

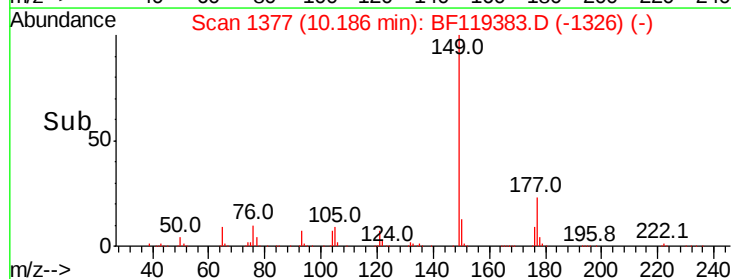
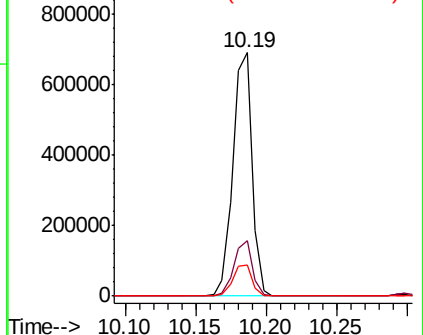
150 12.6 10.5 15.7

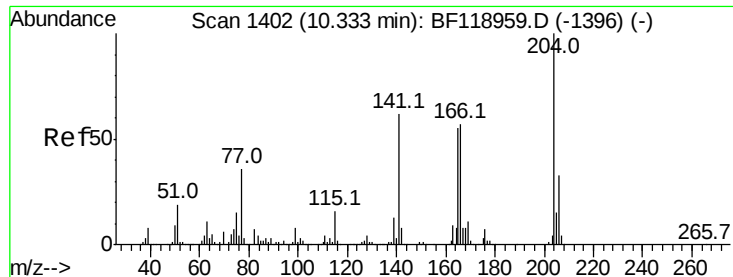


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

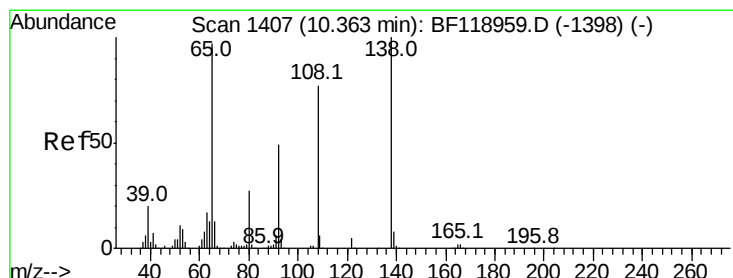
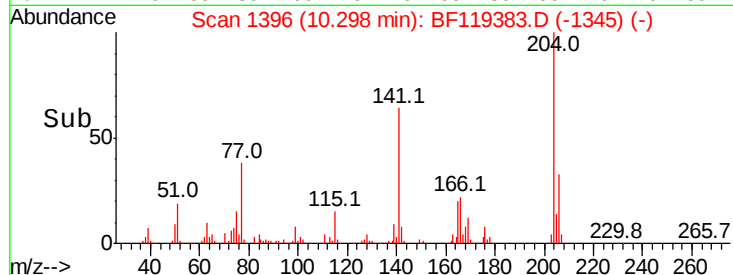
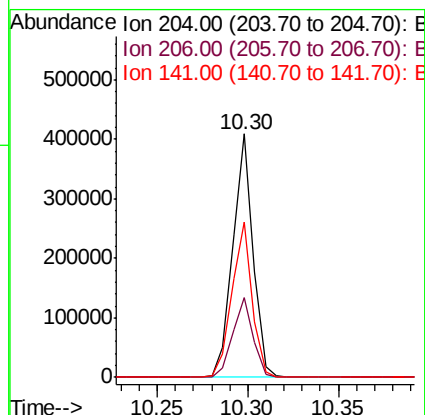
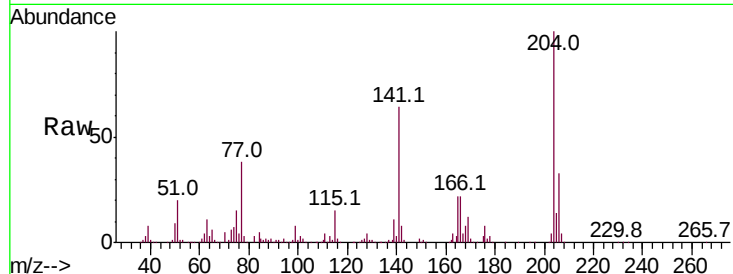




#61
4-Chlorophenyl-phenylether
Concen: 40.459 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

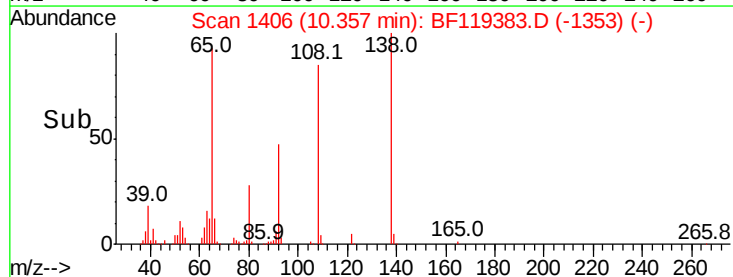
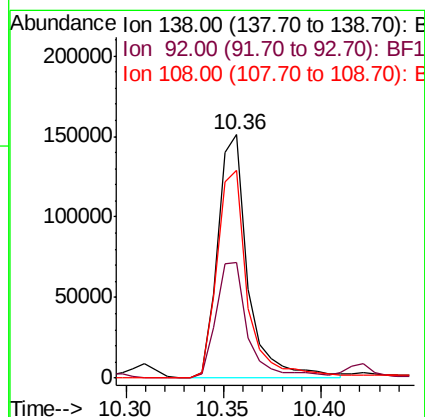
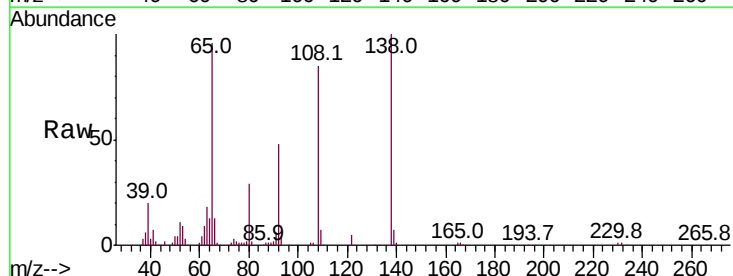
Instrument :
BNA_F
ClientSampled :

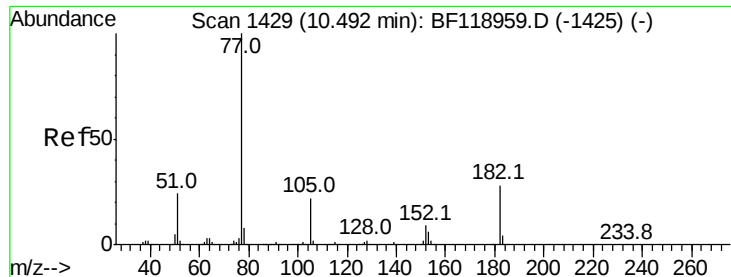
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.1	40.7
141	64.0	52.9	79.3



#62
4-Nitroaniline
Concen: 37.226 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	27.3	67.3
108	85.1	57.0	97.0

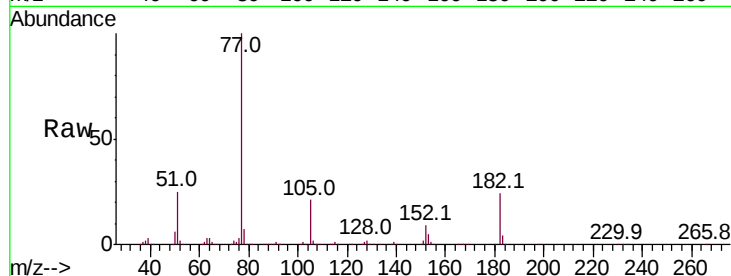




#63
Azobenzene
Concen: 42.046 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	596549
Ion	Ratio	Lower	Upper
77	100		
182	24.4	11.4	51.4
105	20.9	3.4	43.4
51	25.4	5.1	45.1



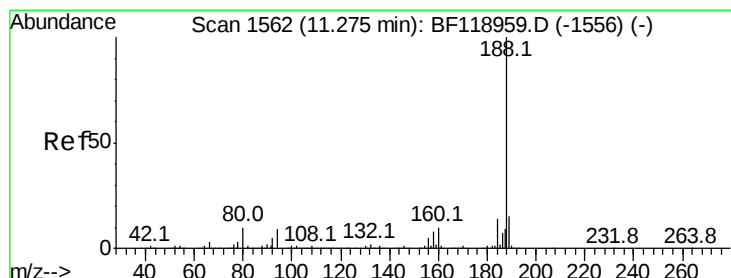
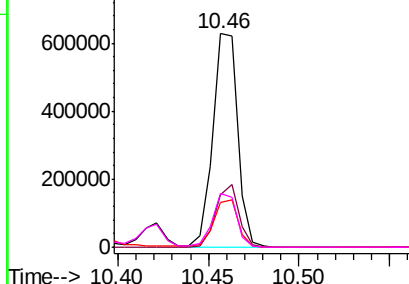
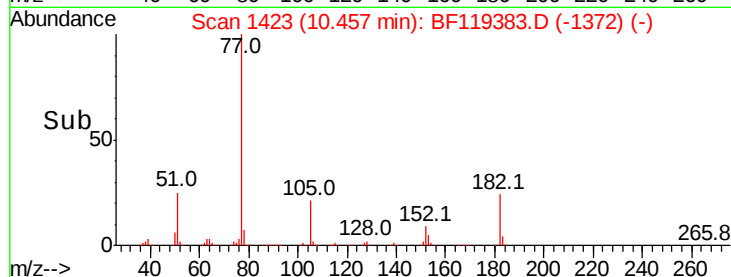
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

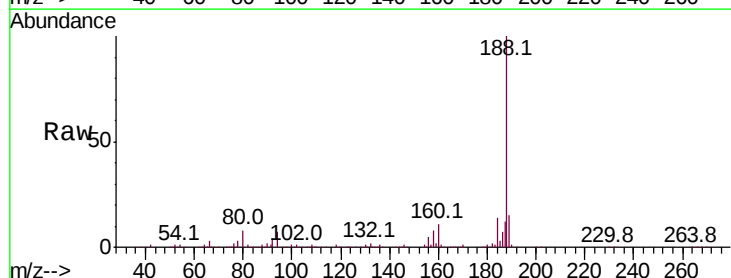
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:	188	Resp:	418963
Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.4	7.8	11.8

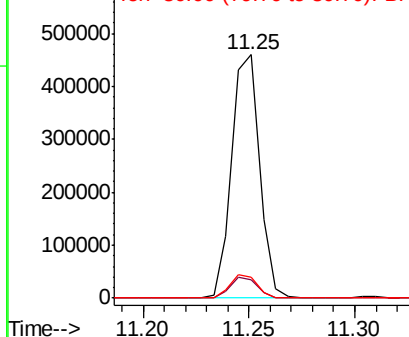
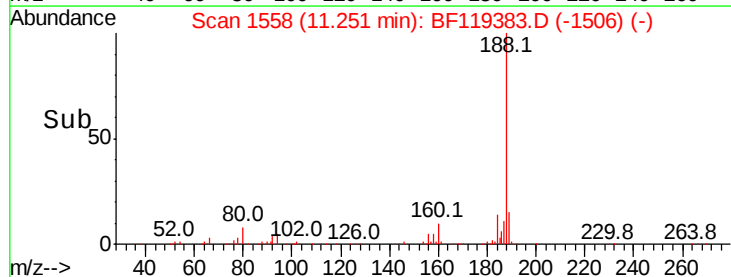


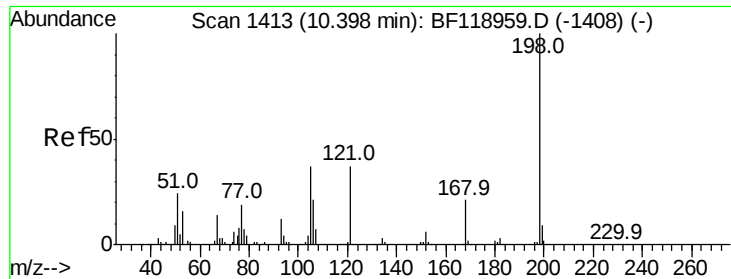
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

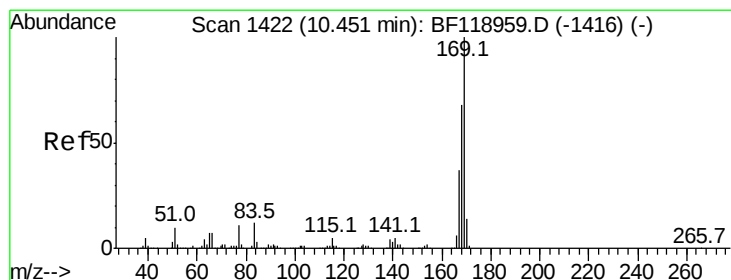
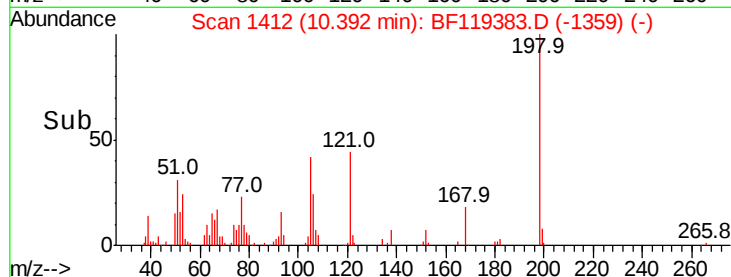
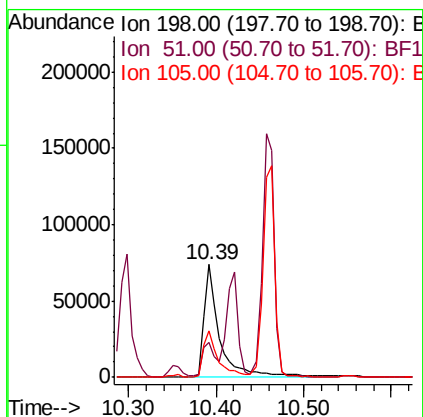
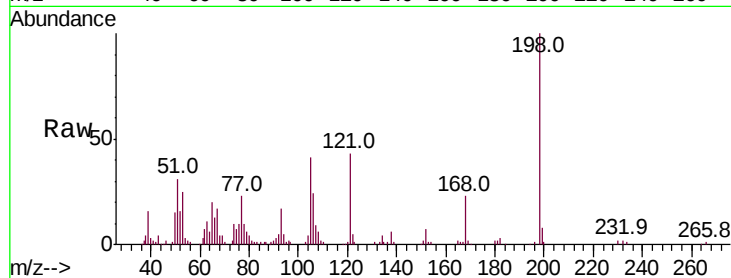




#65
4,6-Dinitro-2-methylphenol
Concen: 36.916 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

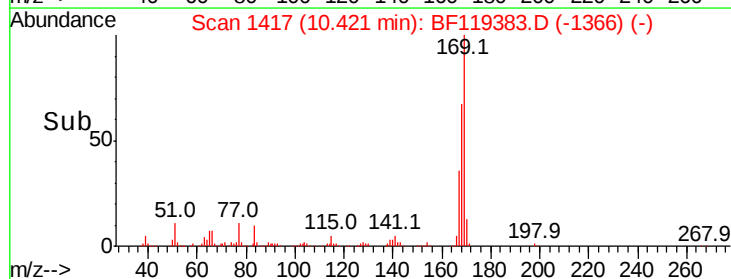
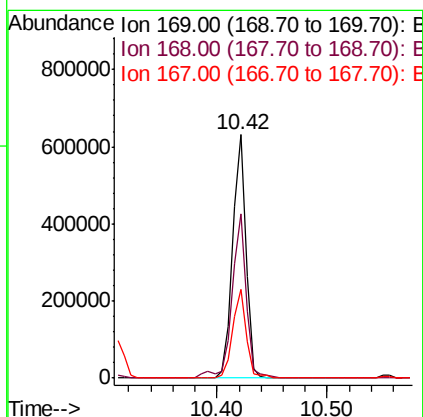
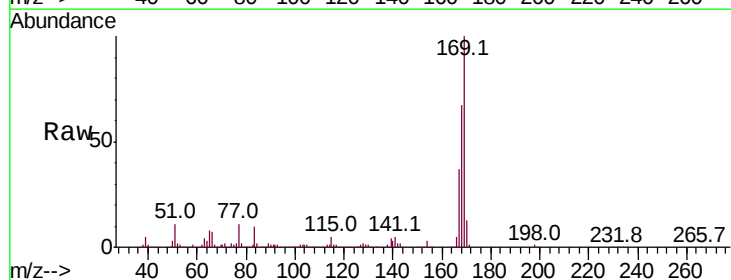
Instrument :
BNA_F
ClientSampleId :

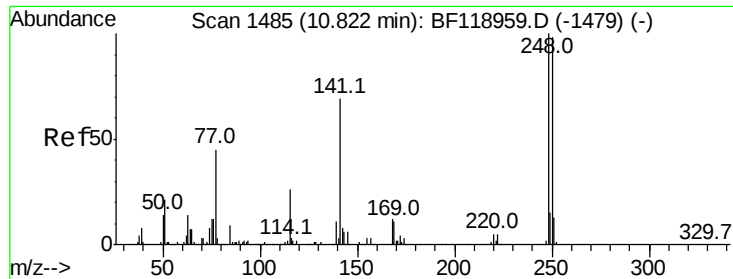
Tot Ion:198 Resp: 93590
Ion Ratio Lower Upper
198 100
51 31.0 14.2 54.2
105 40.9 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 39.539 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:169 Resp: 542415
Ion Ratio Lower Upper
169 100
168 67.3 54.1 81.1
167 36.5 29.4 44.0

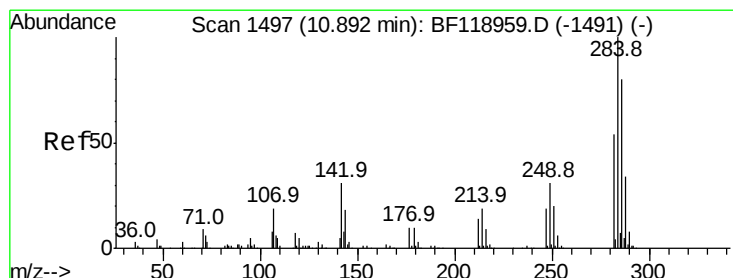
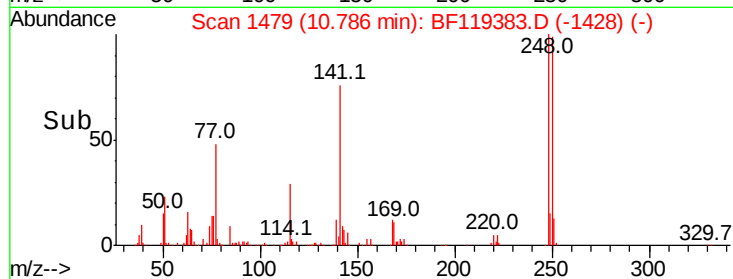
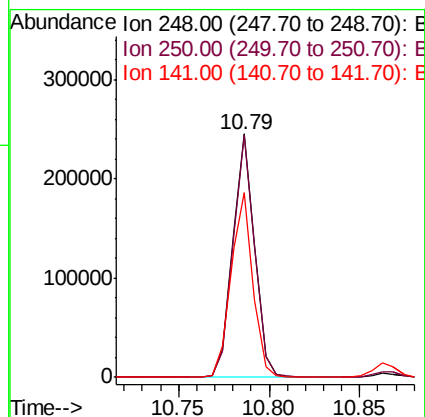
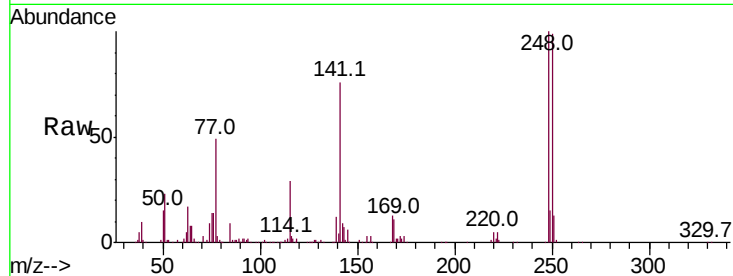




#67
4-Bromophenyl-phenylether
Concen: 37.660 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

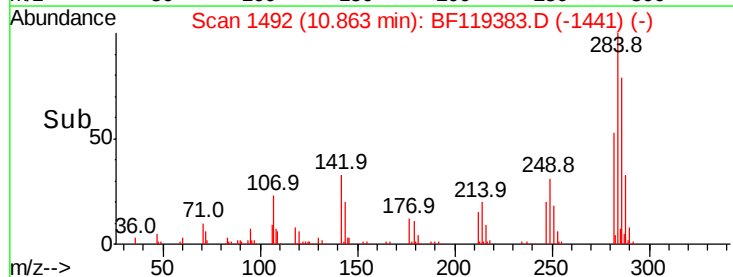
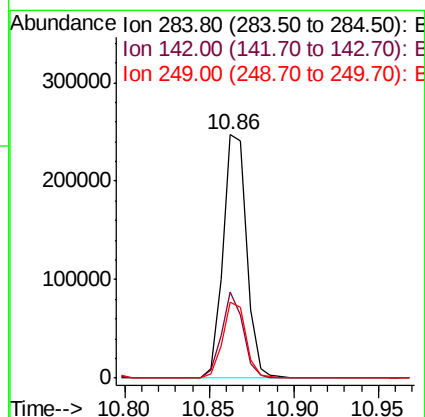
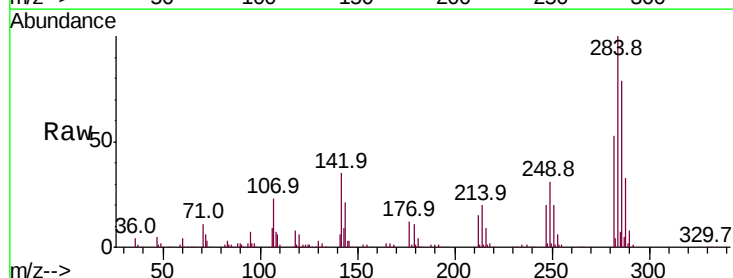
Instrument :
BNA_F
ClientSampleId :

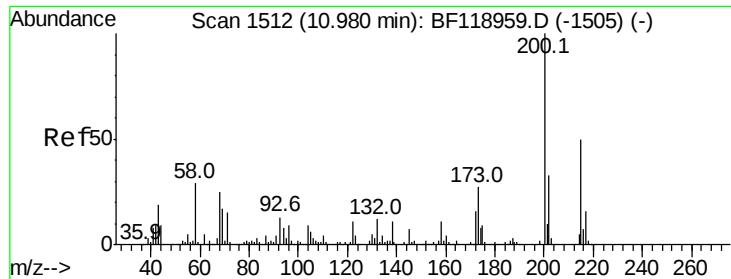
Tot Ion:248 Resp: 206240
Ion Ratio Lower Upper
248 100
250 99.5 76.7 115.1
141 75.8 60.7 91.1



#68
Hexachlorobenzene
Concen: 38.267 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:284 Resp: 241617
Ion Ratio Lower Upper
284 100
142 35.2 23.7 35.5
249 31.4 25.0 37.6

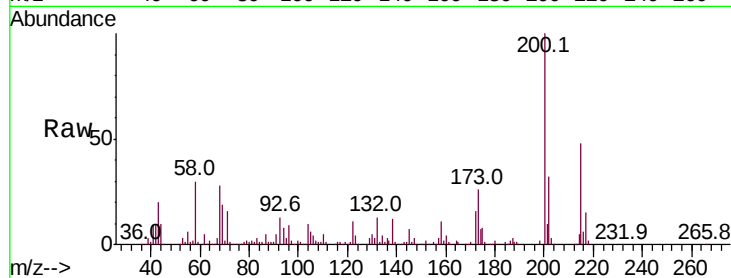




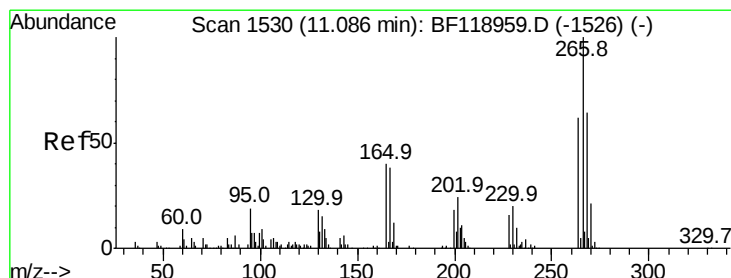
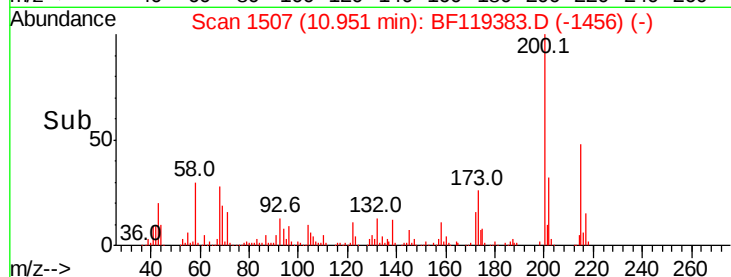
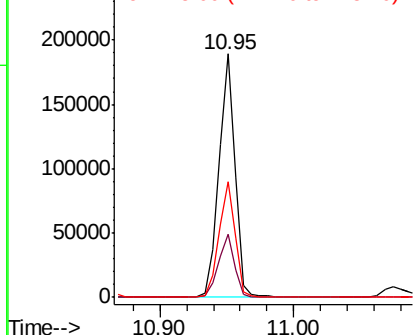
#69
Atrazine
Concen: 33.832 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 162158
Ion Ratio Lower Upper
200 100
173 25.7 6.4 46.4
215 47.7 27.4 67.4

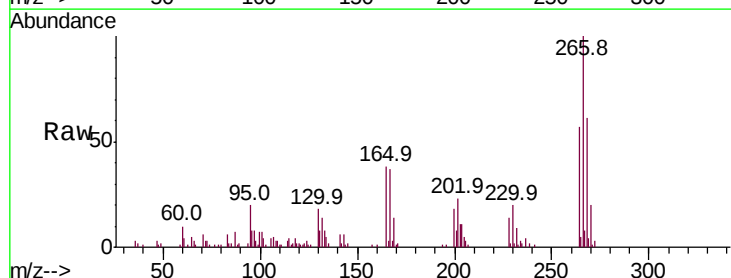


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

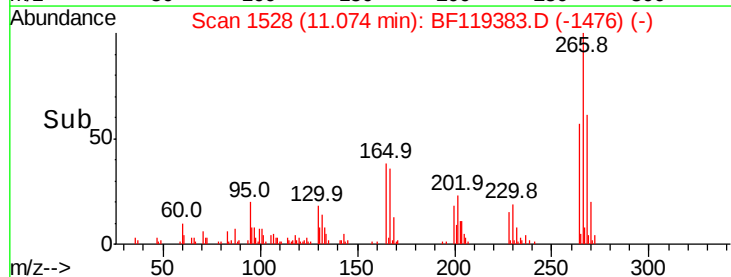
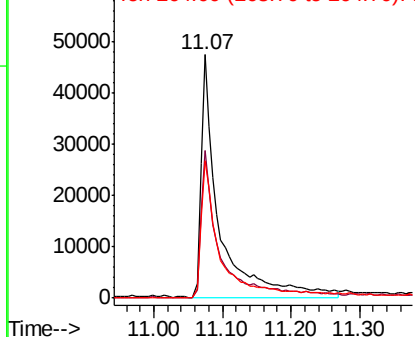


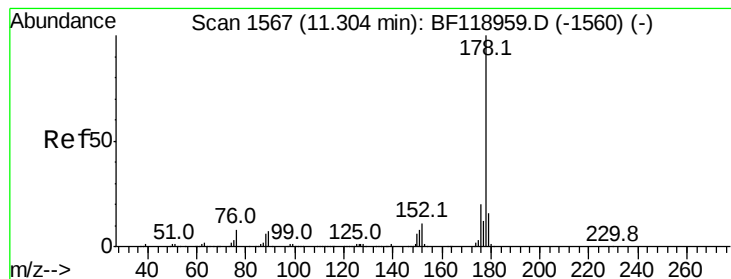
#70
Pentachlorophenol
Concen: 35.558 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:266 Resp: 90440
Ion Ratio Lower Upper
266 100
268 60.8 51.9 77.9
264 56.5 51.0 76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.461 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

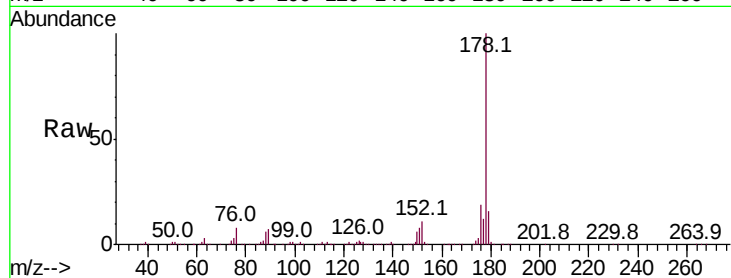
Tot Ion:178 Resp: 924450

Ion Ratio Lower Upper

178 100

176 19.5 16.5 24.7

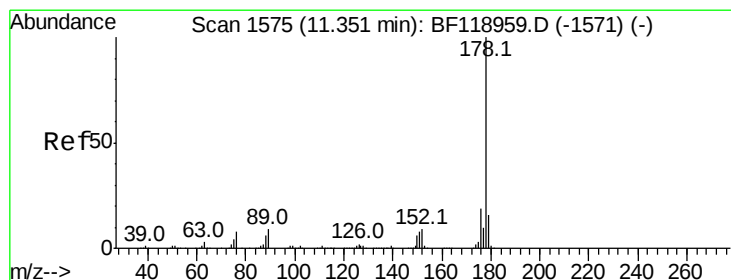
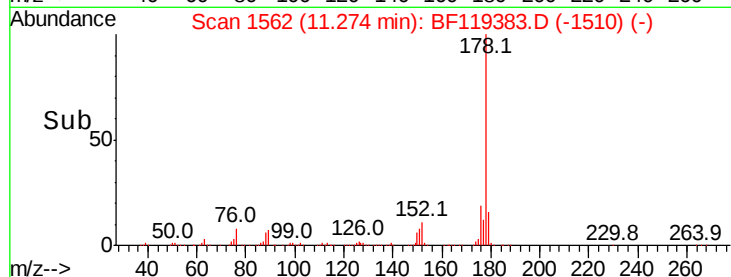
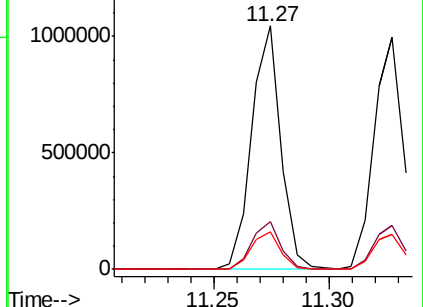
179 15.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.357 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

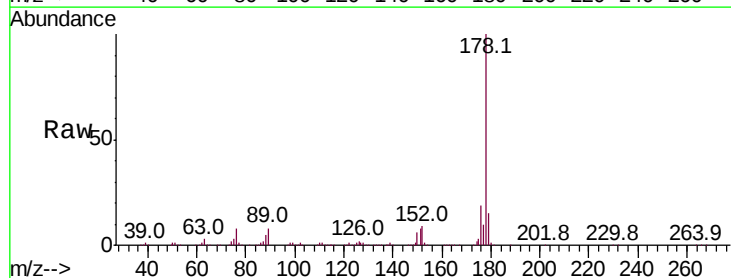
Tgt Ion:178 Resp: 921317

Ion Ratio Lower Upper

178 100

176 18.7 16.0 24.0

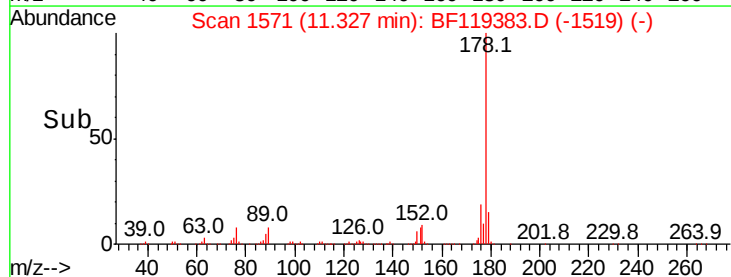
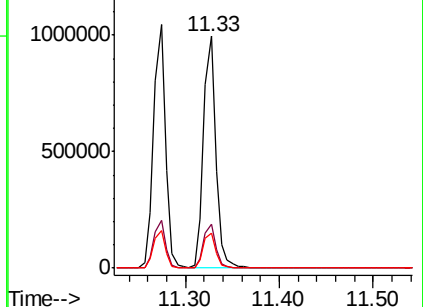
179 15.2 13.1 19.7

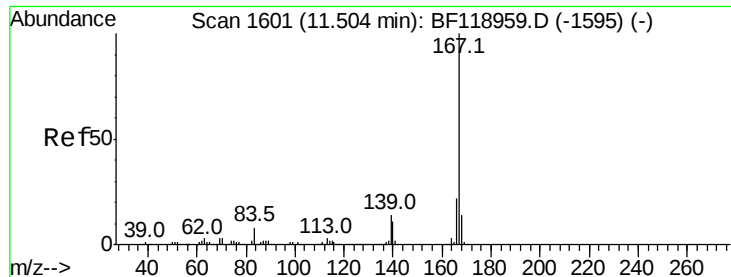


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.389 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

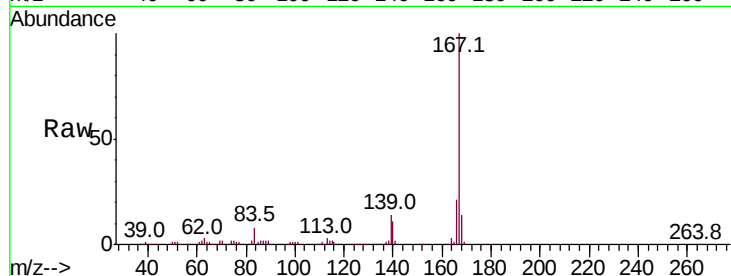
Tot Ion:167 Resp: 841776

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.4

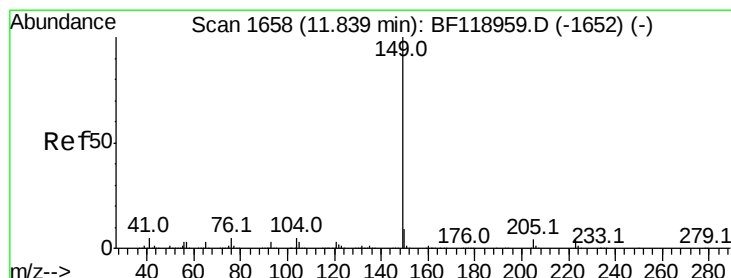
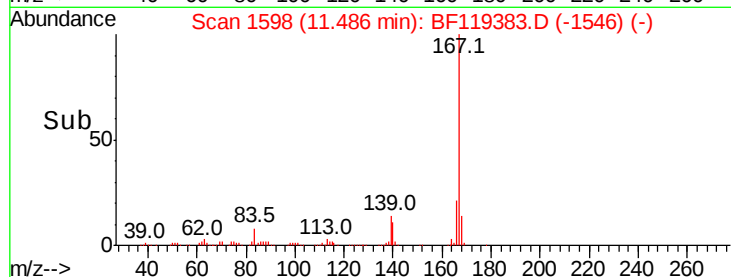
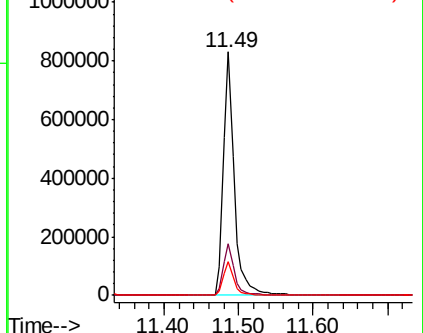
139 13.6 11.7 17.5



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: 39.358 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

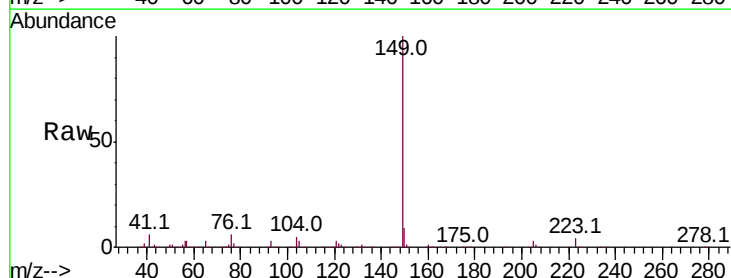
Tgt Ion:149 Resp: 969364

Ion Ratio Lower Upper

149 100

150 9.3 7.9 11.9

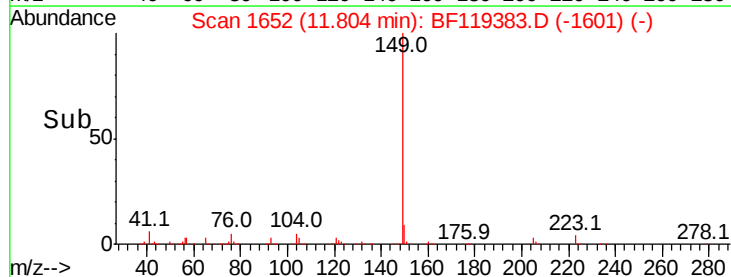
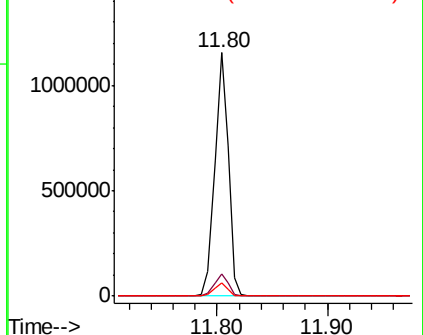
104 5.4 4.6 6.8

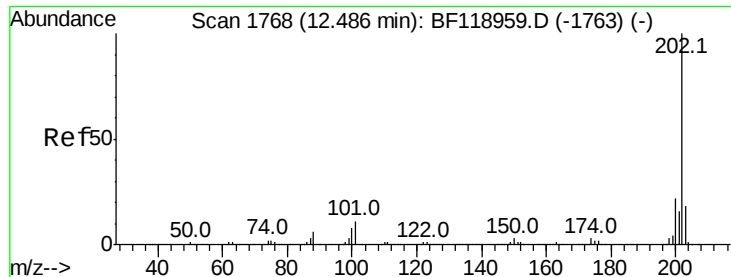


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

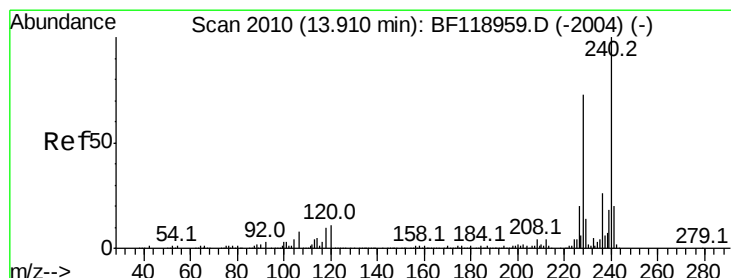
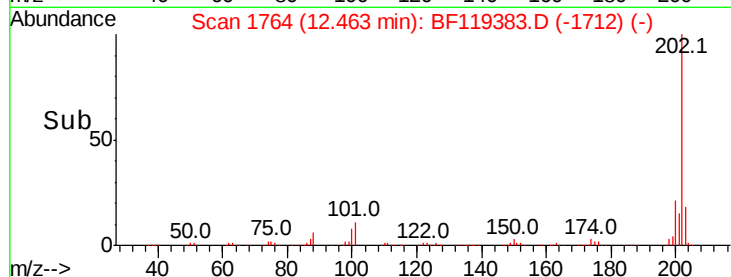
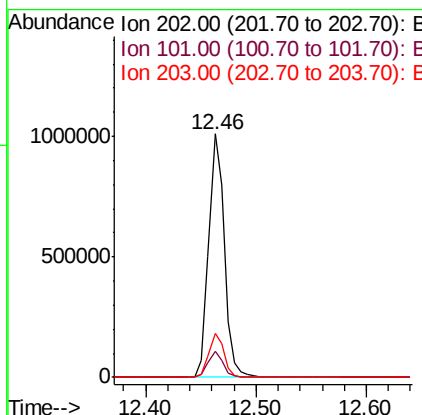
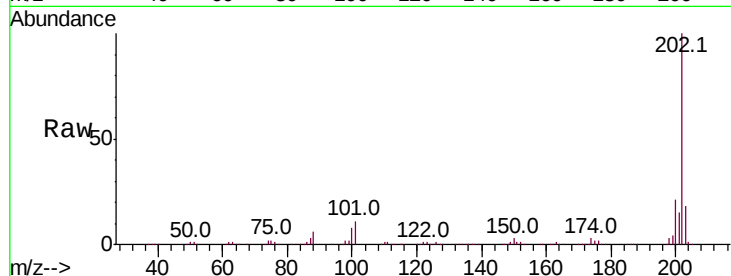




#75
 Fluoranthene
 Concen: 39.784 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

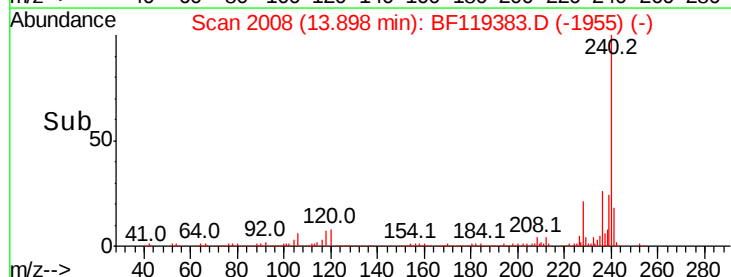
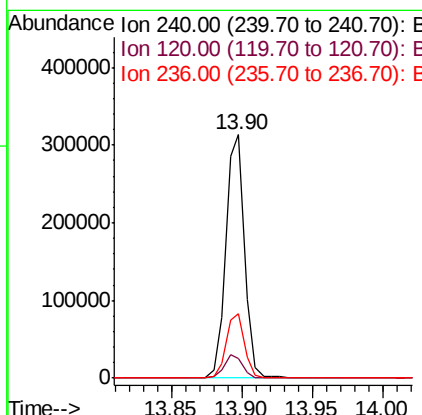
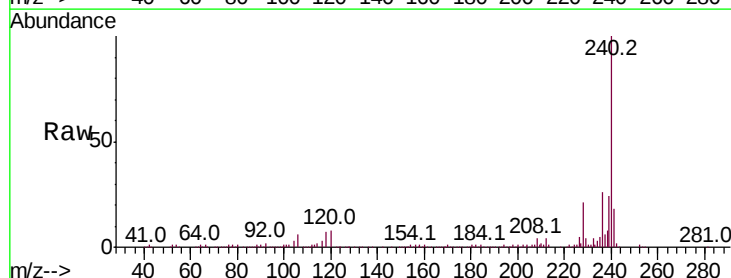
Instrument :
 BNA_F
 ClientSampled :

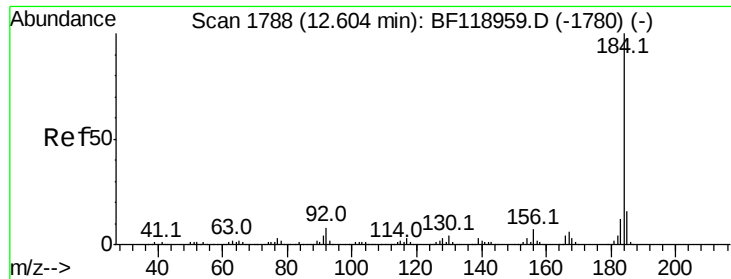
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	17.8	0.0	38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.4	12.6#
236	26.3	21.0	31.4





#77

Benzidine

Concen: 37.791 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

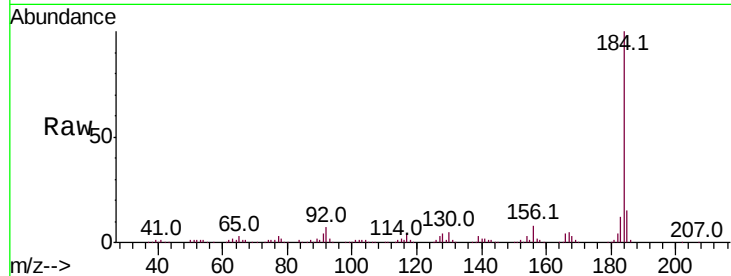
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 440657

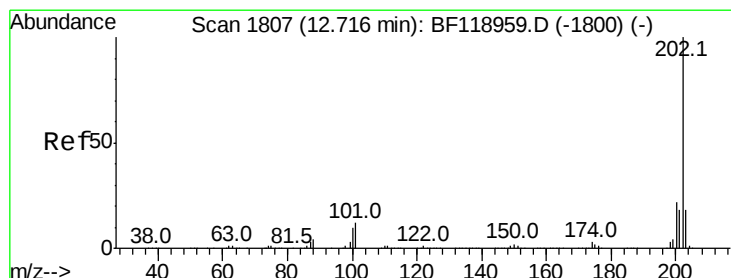
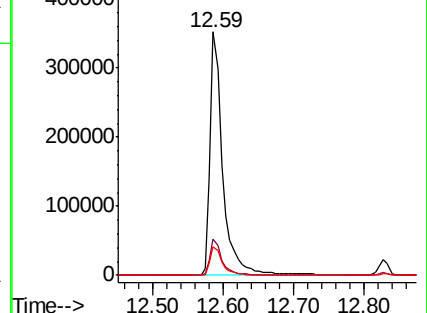
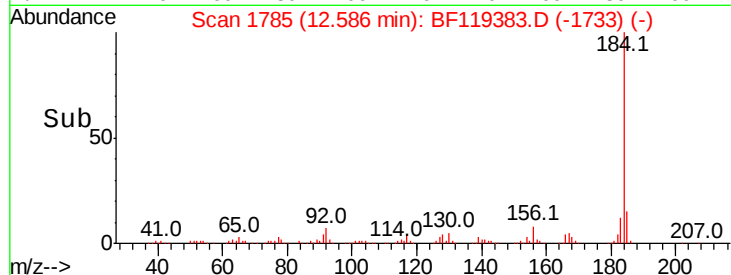
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.4
183	11.9	9.9	14.9



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: 43.111 ng

RT: 12.69 min Scan# 1803

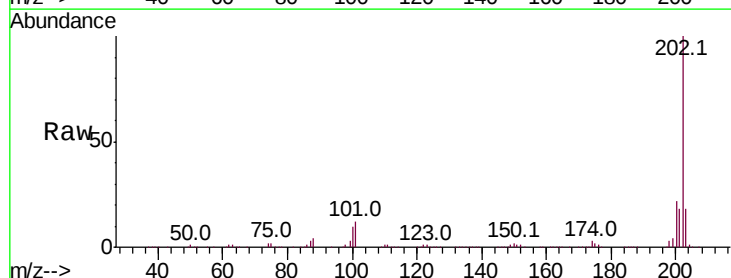
Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Tgt Ion:202 Resp: 992537

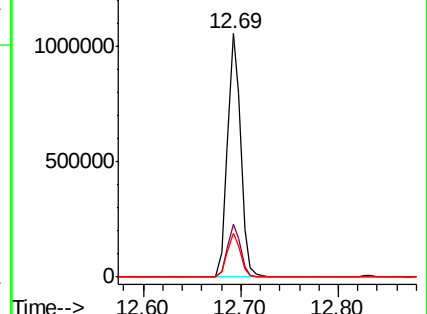
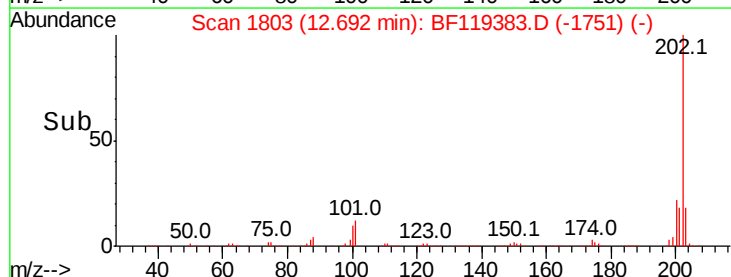
Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.0	27.0
203	17.9	14.6	22.0

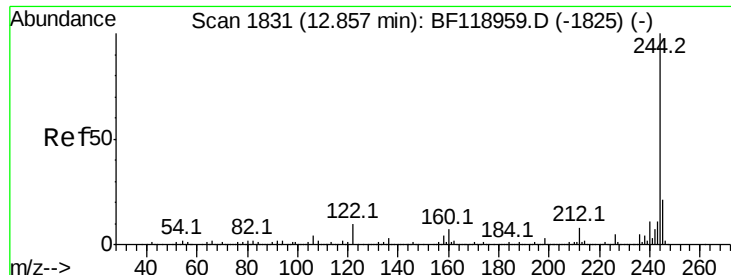


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.299 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

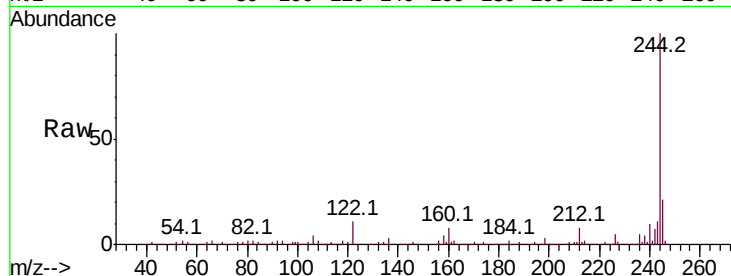
Tot Ion:244 Resp: 1403862

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

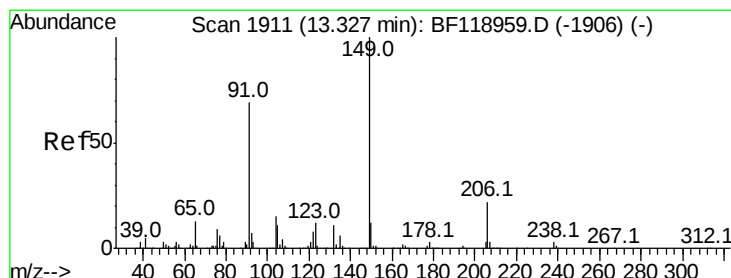
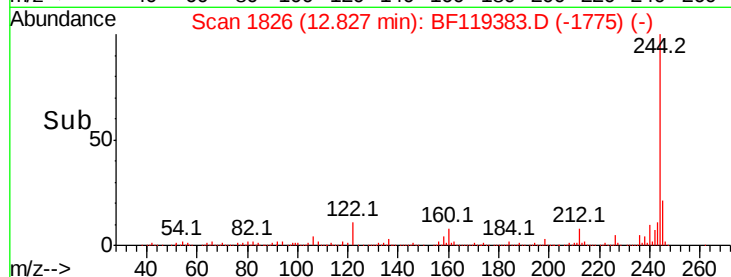
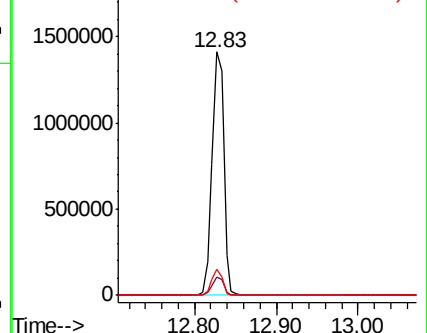
122 10.7 8.2 12.2



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: 39.725 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

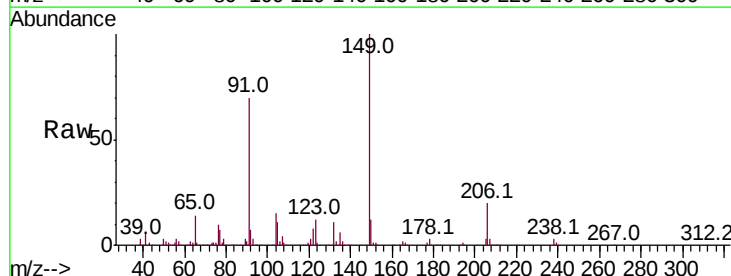
Tgt Ion:149 Resp: 384919

Ion Ratio Lower Upper

149 100

91 69.9 52.3 78.5

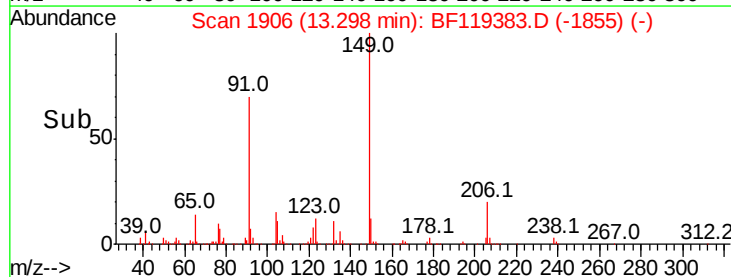
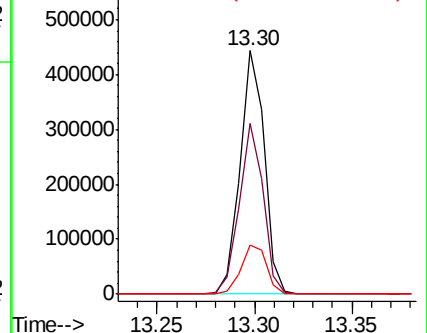
206 20.2 18.5 27.7

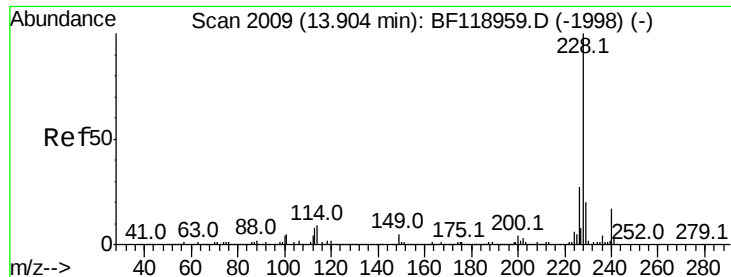


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.031 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

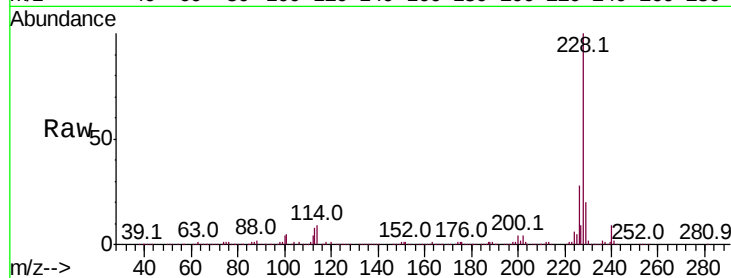
Tot Ion:228 Resp: 782039

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

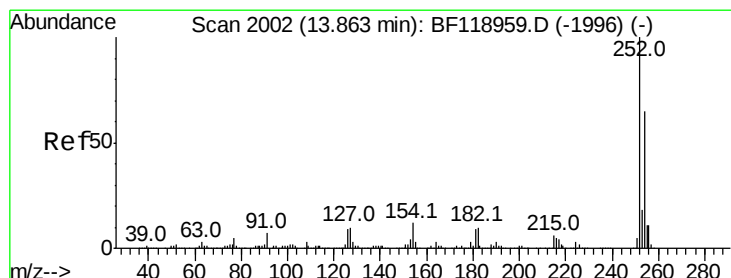
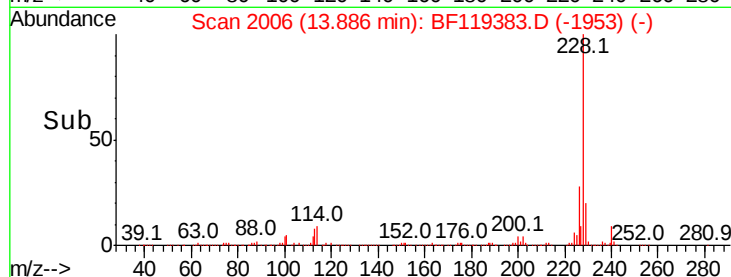
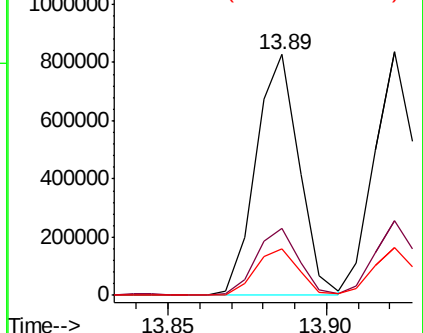
229 19.6 16.6 24.8



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



#82

3,3'-Dichlorobenzidine

Concen: 38.127 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

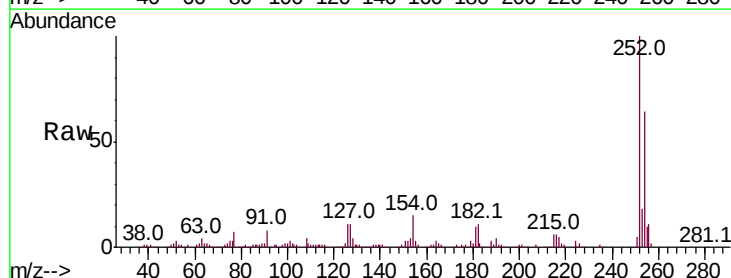
Tgt Ion:252 Resp: 289222

Ion Ratio Lower Upper

252 100

254 63.5 51.6 77.4

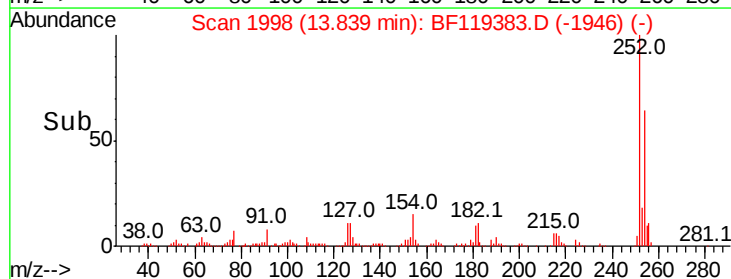
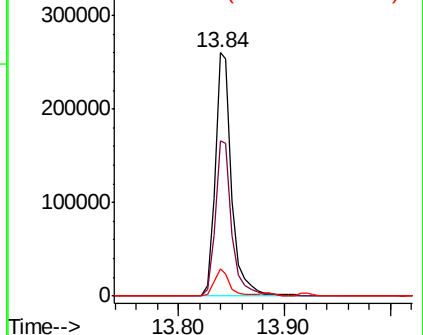
126 11.4 7.4 11.0#

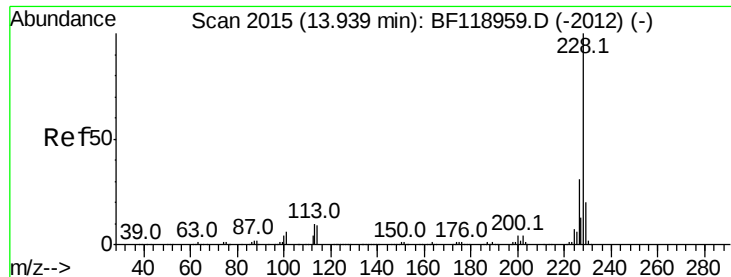


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

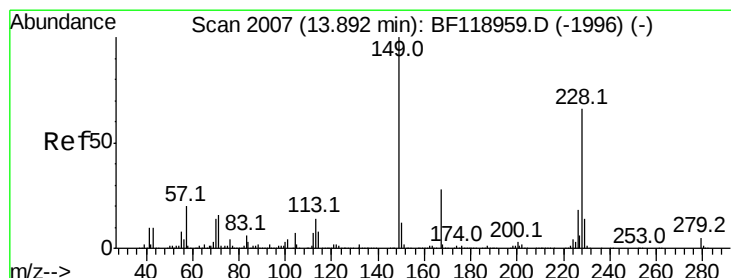
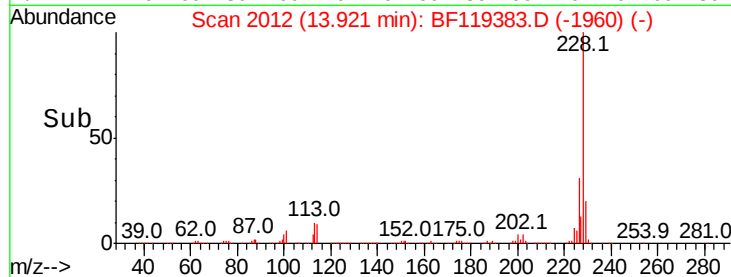
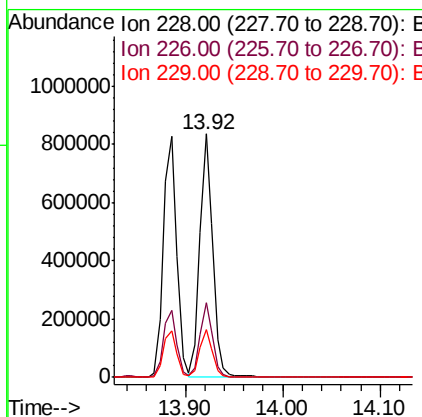
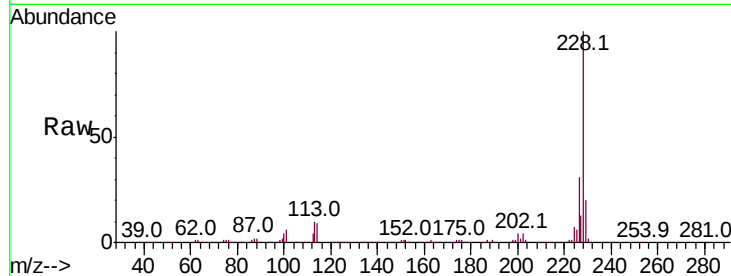




#83
 Chrysene
 Concen: 39.469 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

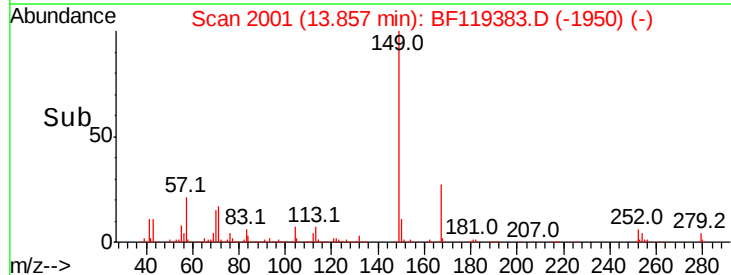
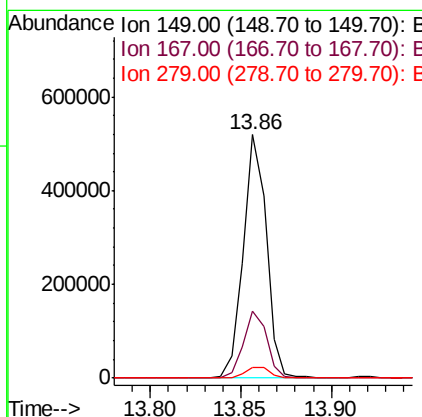
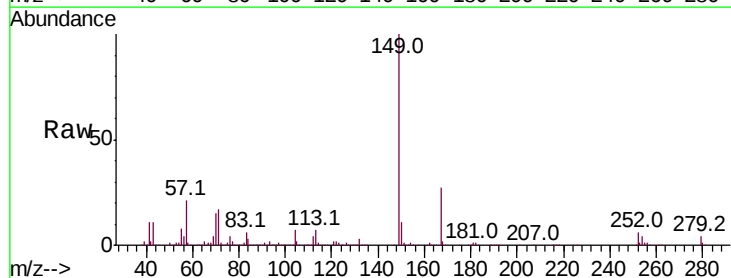
Instrument :
 BNA_F
 ClientSampled :

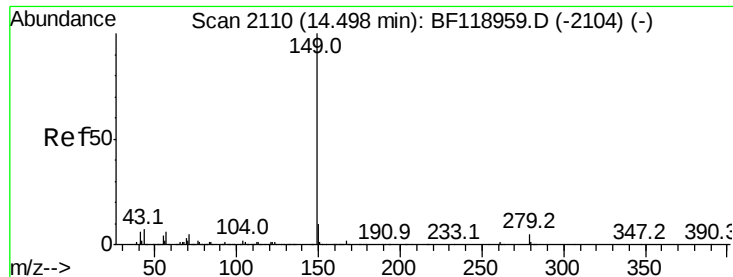
Tot Ion:228 Resp: 768290
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.1 37.7
 229 19.8 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.599 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion:149 Resp: 460272
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.8 34.2
 279 4.5 4.6 6.8#





#85

Di-n-octyl phthalate

Concen: 33.606 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

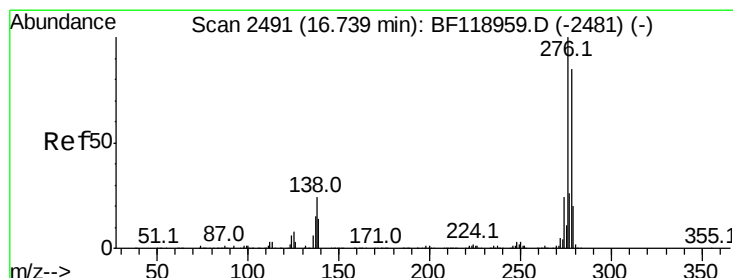
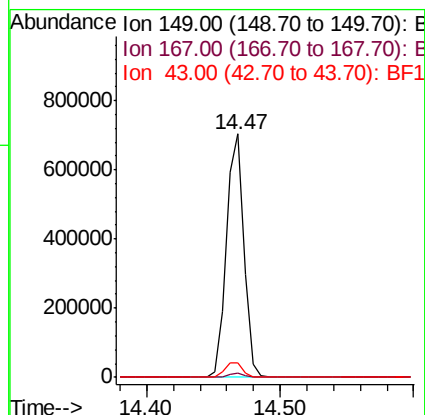
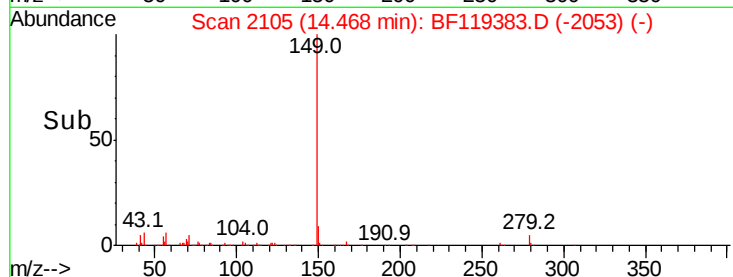
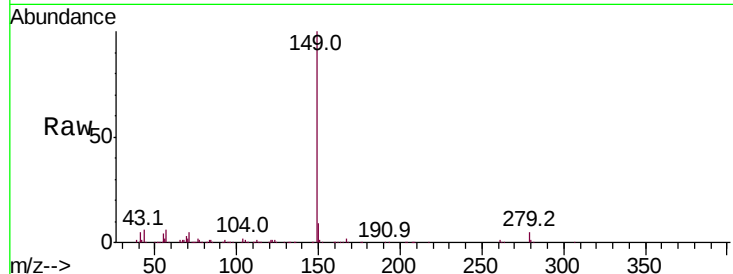
Tot Ion:149 Resp: 655473

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.7 5.7 8.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.556 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.04 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

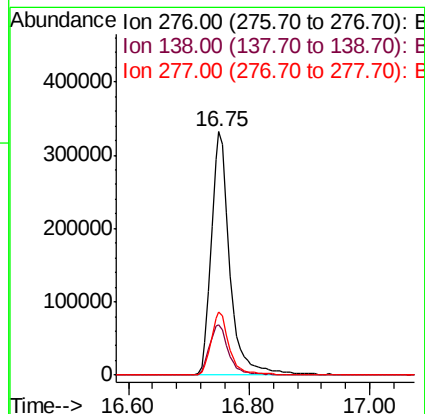
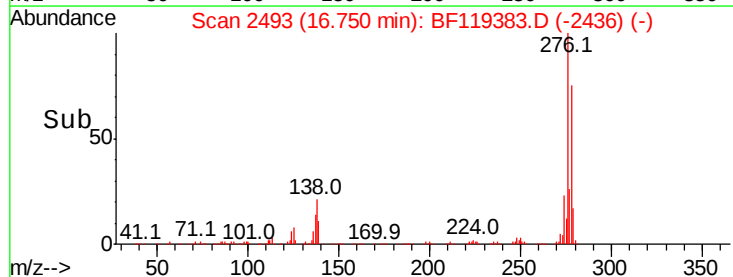
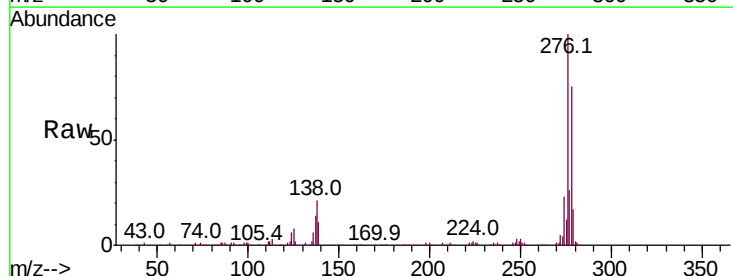
Tgt Ion:276 Resp: 707867

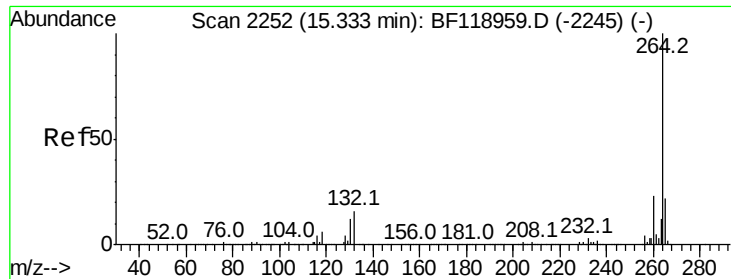
Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

277 25.6 20.3 30.5

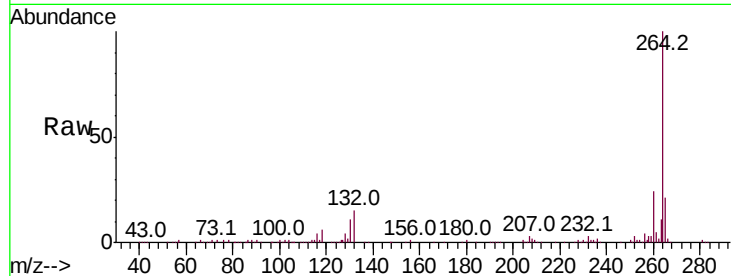




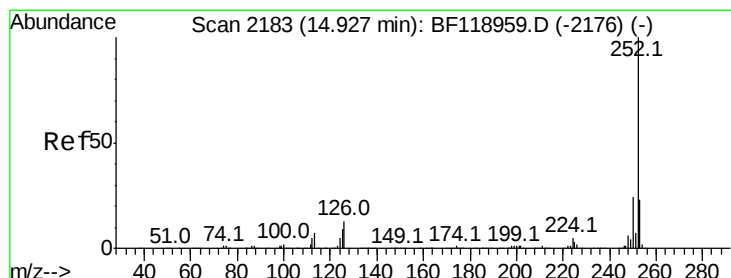
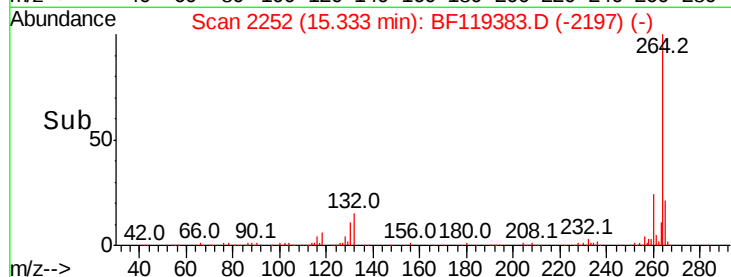
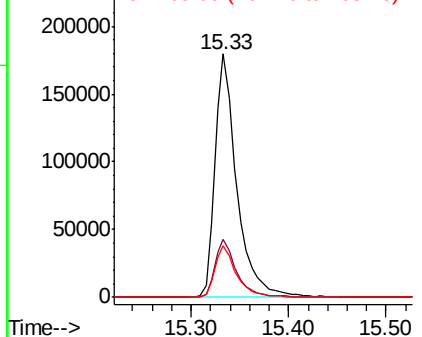
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 277142
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.1 17.7 26.5

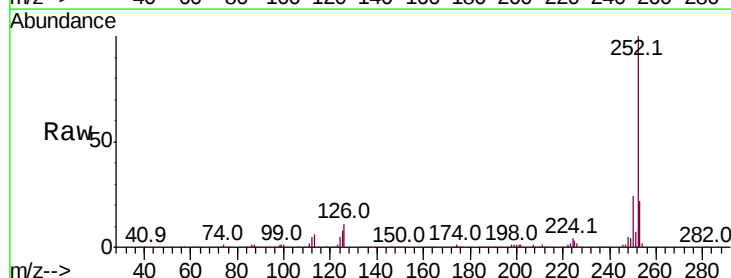


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

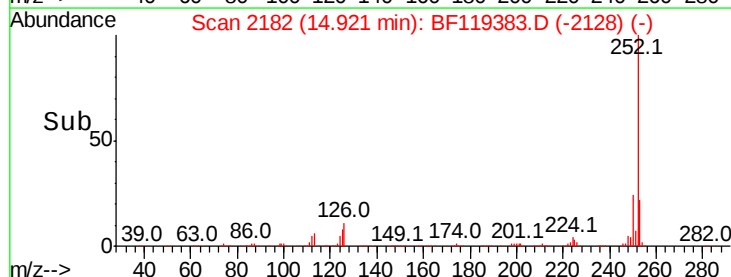
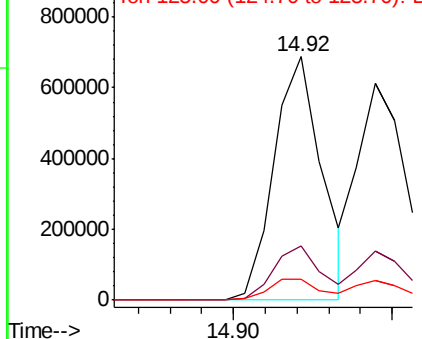


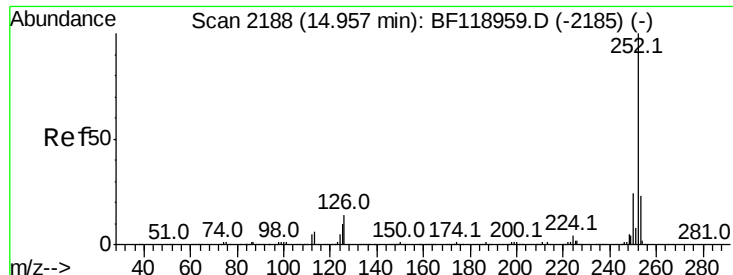
#88
Benzo(b)fluoranthene
Concen: 39.679 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:252 Resp: 724835
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 8.4 7.4 11.0



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

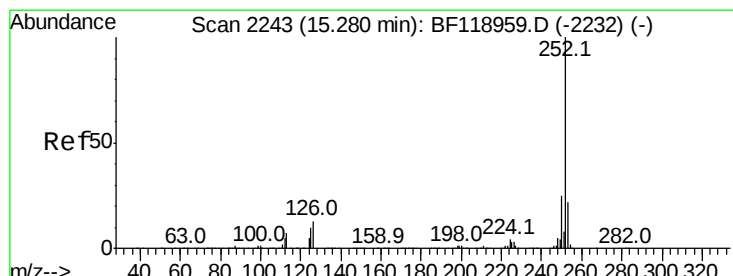
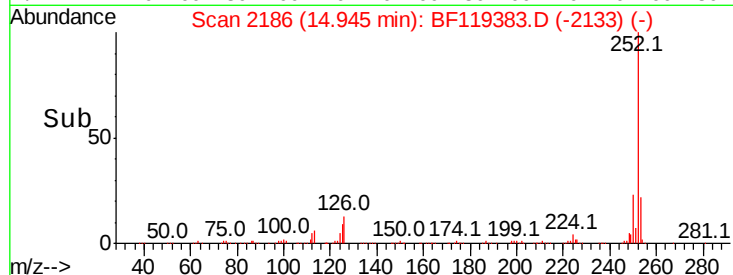
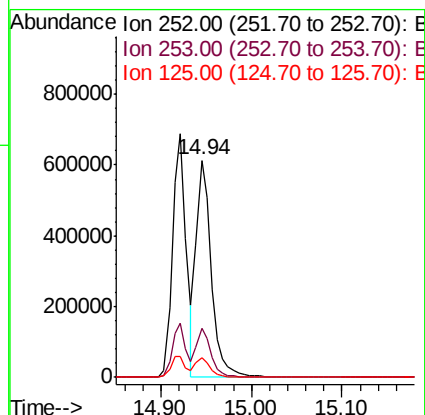
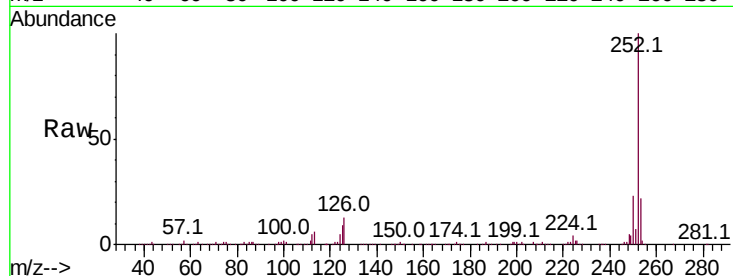




#89
Benzo(k)fluoranthene
Concen: 41.455 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

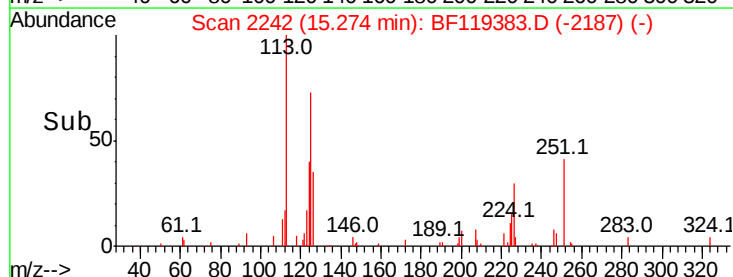
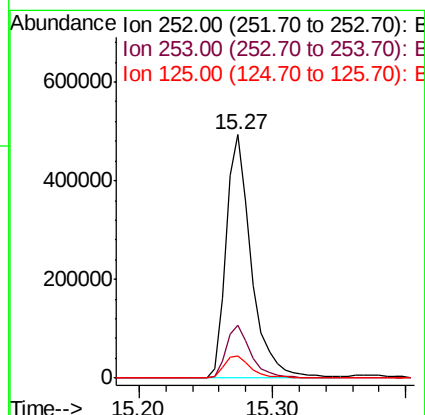
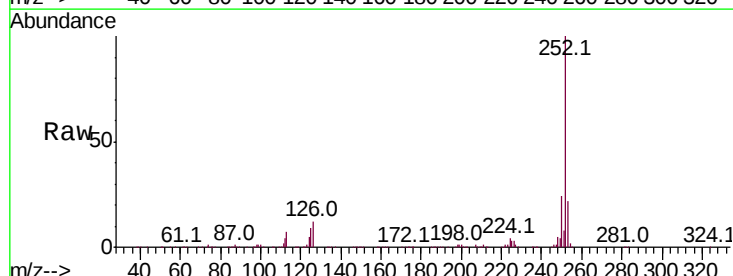
Instrument :
BNA_F
ClientSampleId :

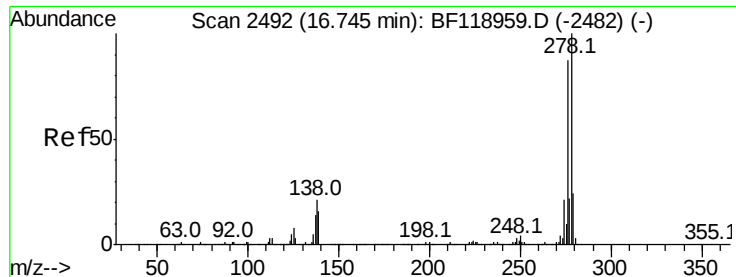
Tot Ion:252 Resp: 701800
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.2 7.5 11.3



#90
Benzo(a)pyrene
Concen: 39.887 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion:252 Resp: 657622
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.3 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 40.374 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.03 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

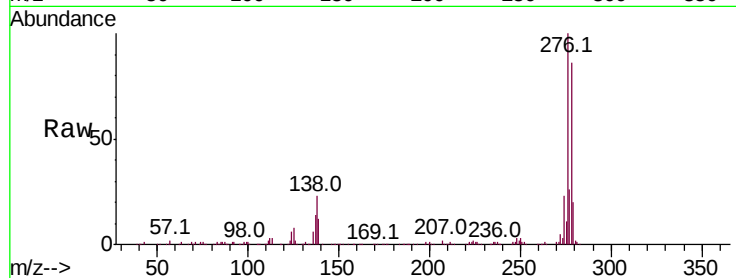
Tot Ion:278 Resp: 585695

Ion Ratio Lower Upper

278 100

139 14.2 11.0 16.4

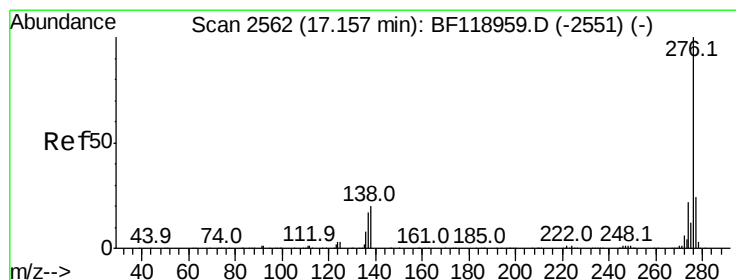
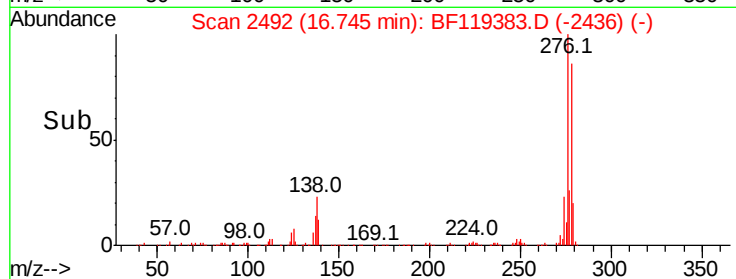
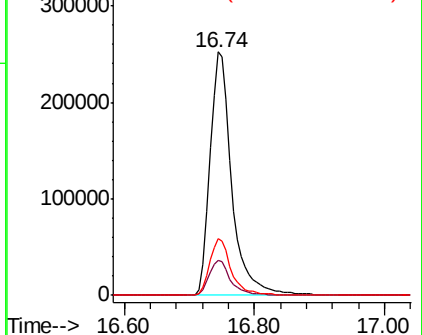
279 23.4 18.6 28.0



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: 40.322 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

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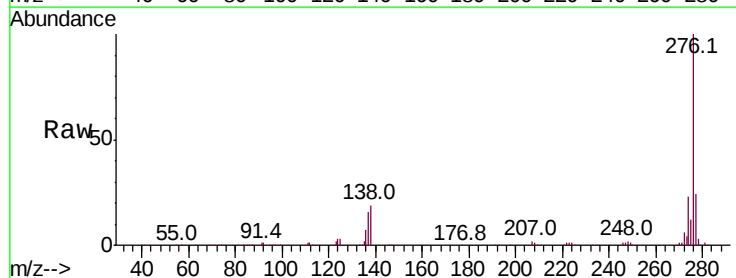
Tgt Ion:276 Resp: 577946

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 18.8 14.3 21.5



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

