

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119381.D
 Acq On : 12 Mar 2020 14:59
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:45:11 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	123090	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	415476	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	250765	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	411910	20.00	ng	0.00
76) Chrysene-d12	13.90	240	319008	20.00	ng	0.01
87) Perylene-d12	15.33	264	278022	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	563746	76.54	ng	0.00
7) Phenol-d6	6.38	99	749258	83.64	ng	0.00
23) Nitrobenzene-d5	7.29	82	721780	91.73	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	216735	66.07	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1199764	70.48	ng	0.00
79) Terphenyl-d14	12.83	244	1534979	82.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	123110	37.541	ng	99
3) Pyridine	3.09	79	328657	36.697	ng	96
4) n-Nitrosodimethylamine	3.05	42	113964	42.006	ng	95
6) Aniline	6.39	93	456537	41.304	ng	# 80
8) 2-Chlorophenol	6.52	128	335759	42.241	ng	99
9) Benzaldehyde	6.28	77	207451	34.663	ng	99
10) Phenol	6.39	94	395690	40.856	ng	78
11) bis(2-Chloroethyl)ether	6.46	93	298613	40.297	ng	96
12) 1,3-Dichlorobenzene	6.66	146	392518	41.200	ng	98
13) 1,4-Dichlorobenzene	6.74	146	399029	41.855	ng	98
14) 1,2-Dichlorobenzene	6.89	146	360158	41.423	ng	99
15) Benzyl Alcohol	6.88	79	282585	43.649	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	251411	39.165	ng	# 20
17) 2-Methylphenol	7.00	107	265021	41.124	ng	# 91
18) Hexachloroethane	7.23	117	141094	41.367	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	230187	44.100	ng	96
20) 3+4-Methylphenols	7.16	107	361186	45.747	ng	91
22) Acetophenone	7.14	105	451832	47.002	ng	# 94
24) Nitrobenzene	7.31	77	361031	46.396	ng	94
25) Isophorone	7.55	82	593692	43.443	ng	99
26) 2-Nitrophenol	7.63	139	181337	43.982	ng	94
27) 2,4-Dimethylphenol	7.67	122	239649	42.828	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	340542	38.284	ng	98
29) 2,4-Dichlorophenol	7.89	162	259566	39.403	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	296272	37.933	ng	98
31) Naphthalene	8.03	128	849464	39.423	ng	98
32) Benzoic acid	7.85	122	129660	34.017	ng	95
33) 4-Chloroaniline	8.09	127	371049	40.037	ng	100
34) Hexachlorobutadiene	8.14	225	187178	38.474	ng	98
35) Caprolactam	8.47	113	44666	22.021	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	273677	41.051	ng	99
37) 2-Methylnaphthalene	8.72	142	564107	38.902	ng	98
38) 1-Methylnaphthalene	8.82	142	534961	39.228	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	293602	34.726	ng	99

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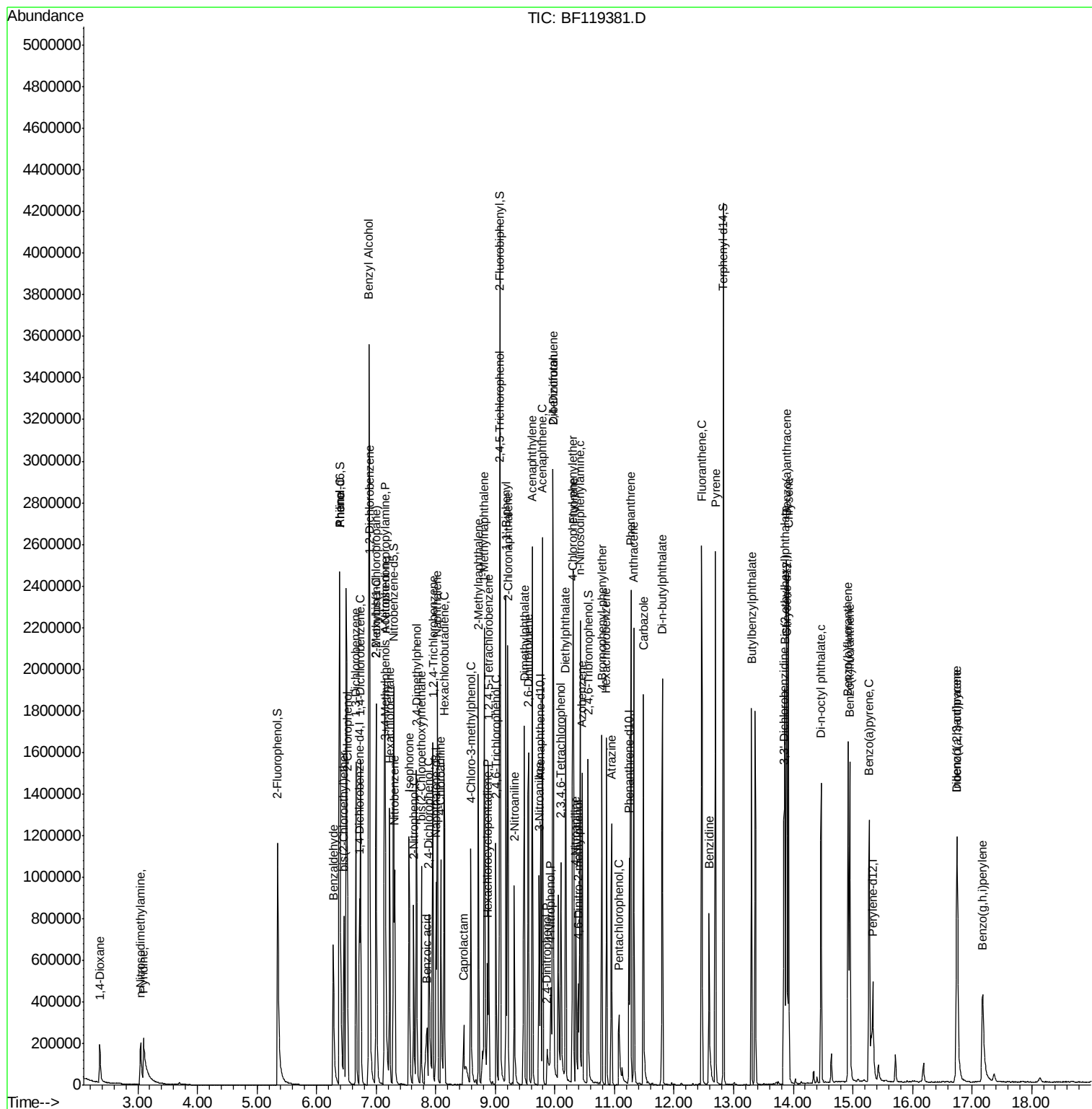
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	71427	29.878	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	173022	32.406	ng	98
44) 2,4,5-Trichlorophenol	9.07	196	164023	29.276	ng	98
46) 1,1'-Biphenyl	9.18	154	725675	35.806	ng	98
47) 2-Chloronaphthalene	9.21	162	580583	35.549	ng	98
48) 2-Nitroaniline	9.32	65	178114	39.100	ng	92
49) Acenaphthylene	9.62	152	818515	34.700	ng	99
50) Dimethylphthalate	9.49	163	656858	34.255	ng	99
51) 2,6-Dinitrotoluene	9.56	165	148400	34.834	ng	# 79
52) Acenaphthene	9.79	154	560938	39.438	ng	98
53) 3-Nitroaniline	9.73	138	174252	36.894	ng	94
54) 2,4-Dinitrophenol	9.87	184	57480	32.642	ng	# 90
55) Dibenzofuran	9.97	168	809868	38.148	ng	98
56) 4-Nitrophenol	9.93	139	74900	26.395	ng	93
57) 2,4-Dinitrotoluene	9.97	165	215326	38.994	ng	91
58) Fluorene	10.31	166	608832	36.906	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	170665	36.101	ng	99
60) Diethylphthalate	10.19	149	691734	38.279	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	312902	35.834	ng	97
62) 4-Nitroaniline	10.36	138	161180	33.356	ng	96
63) Azobenzene	10.46	77	579709	36.907	ng	93
65) 4,6-Dinitro-2-methylphenol	10.39	198	94730	38.006	ng	98
66) n-Nitrosodiphenylamine	10.42	169	528901	39.214	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	202398	37.591	ng	99
68) Hexachlorobenzene	10.86	284	239094	38.516	ng	94
69) Atrazine	10.95	200	157955	33.519	ng	98
70) Pentachlorophenol	11.07	266	76371	30.541	ng	97
71) Phenanthrene	11.27	178	903726	40.231	ng	98
72) Anthracene	11.33	178	904602	40.303	ng	97
73) Carbazole	11.49	167	825398	41.279	ng	98
74) Di-n-butylphthalate	11.80	149	936931	38.692	ng	99
75) Fluoranthene	12.46	202	1055477	44.265	ng	99
77) Benzidine	12.59	184	416895	32.134	ng	99
78) Pyrene	12.69	202	1069699	41.759	ng	98
80) Butylbenzylphthalate	13.30	149	419780	38.937	ng	94
81) Benzo(a)anthracene	13.89	228	881616	40.560	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	332097	39.347	ng	99
83) Chrysene	13.92	228	866241	39.996	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	512577	37.633	ng	# 97
85) Di-n-octyl phthalate	14.47	149	732055	33.733	ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	620547	29.591	ng	99
88) Benzo(b)fluoranthene	14.92	252	723695	39.491	ng	99
89) Benzo(k)fluoranthene	14.95	252	747168	43.996	ng	99
90) Benzo(a)pyrene	15.27	252	661142	39.974	ng	98
91) Dibenzo(a,h)anthracene	16.75	278	502215	34.510	ng	99
92) Benzo(g,h,i)perylene	17.18	276	491398	34.175	ng	98

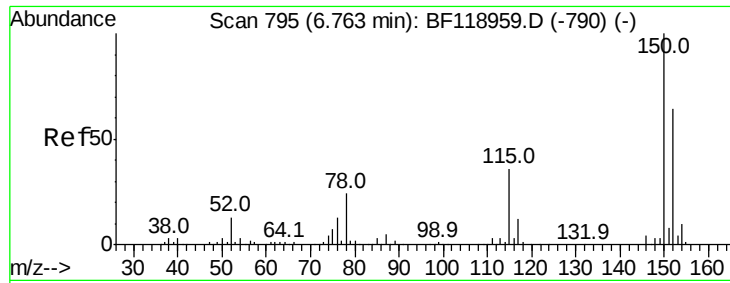
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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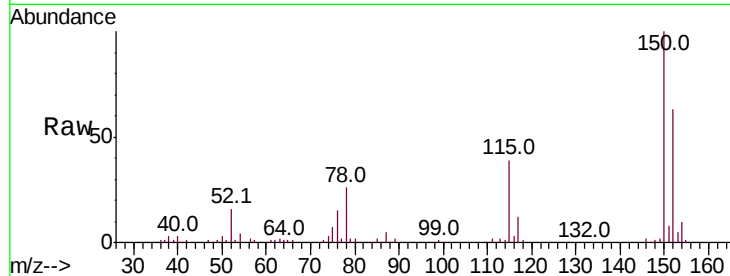


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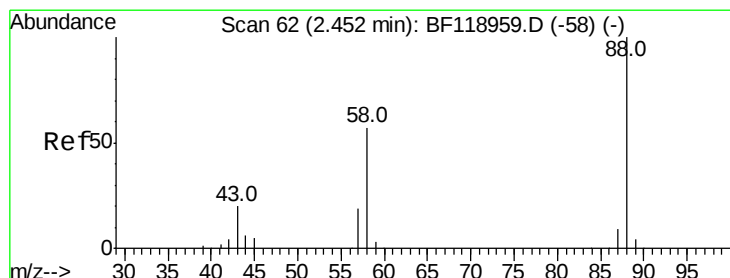
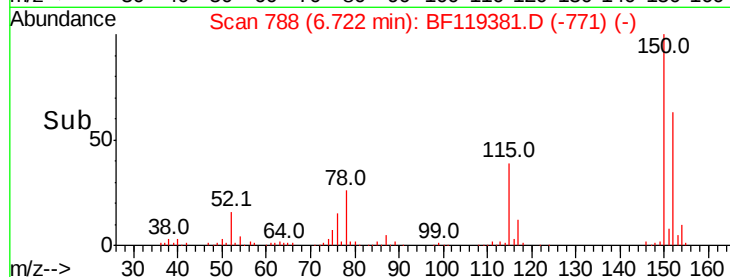
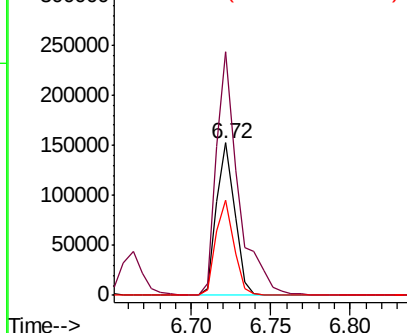
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	123.0	184.6
115	62.6	49.5	74.3



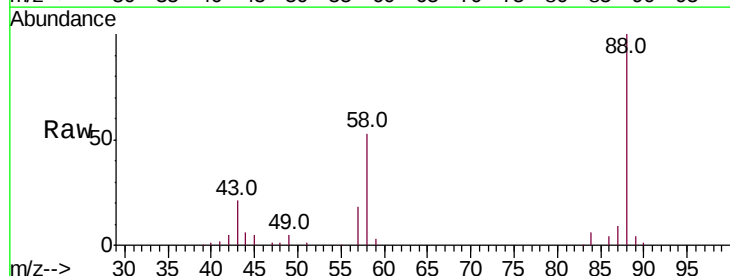
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



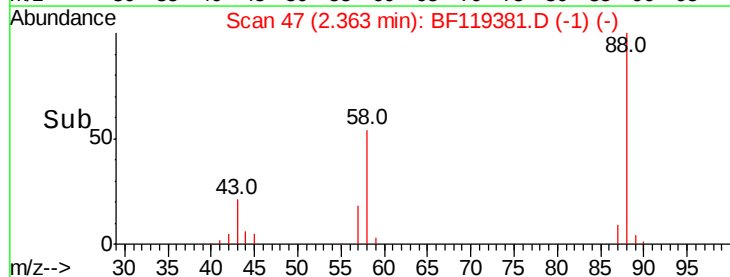
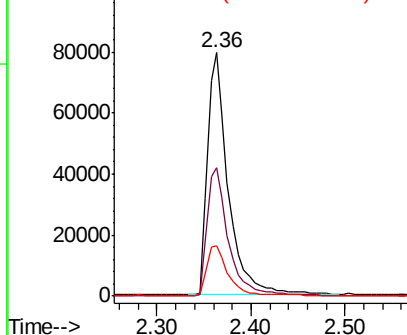
#2

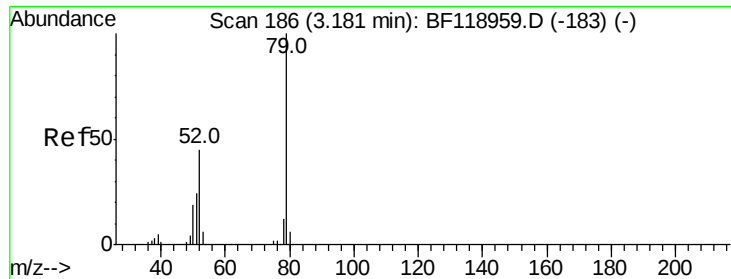
1,4-Dioxane
Concen: 37.541 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.02 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.5	43.8	65.6
43	22.0	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: 36.697 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampled :

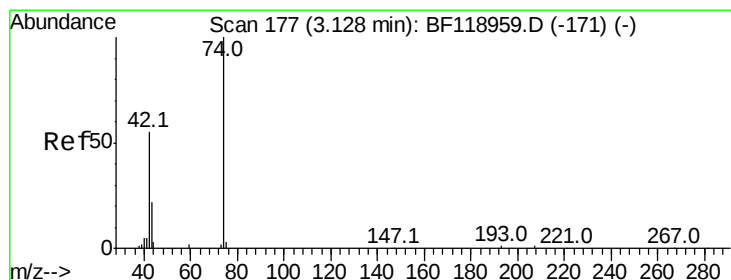
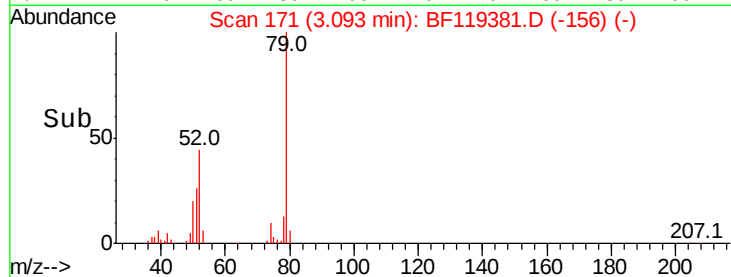
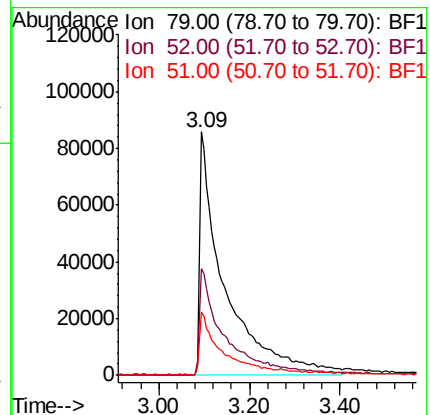
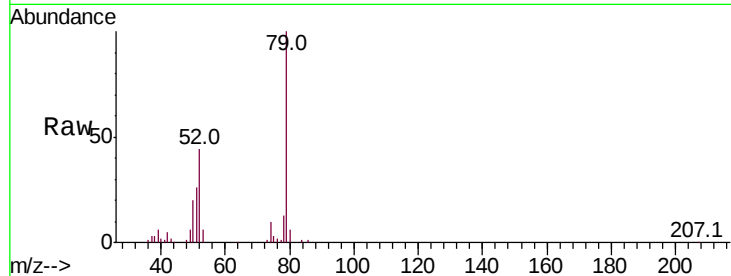
Tot Ion: 79 Resp: 328657

Ion Ratio Lower Upper

79 100

52 43.7 37.4 56.0

51 26.1 19.8 29.6



#4

n-Nitrosodimethylamine

Concen: 42.006 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

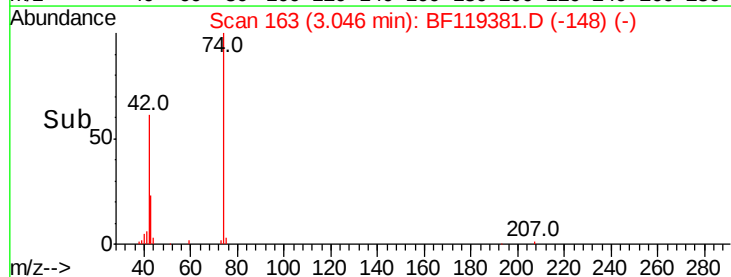
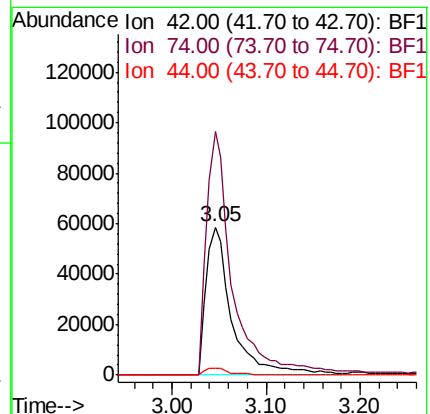
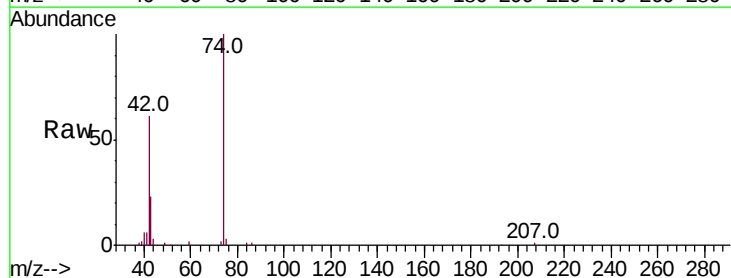
Tgt Ion: 42 Resp: 113964

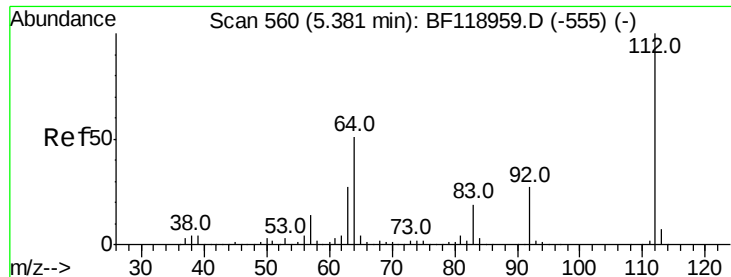
Ion Ratio Lower Upper

42 100

74 164.9 137.7 206.5

44 4.9 4.5 6.7





#5

2-Fluorophenol

Concen: 76.539 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampled :

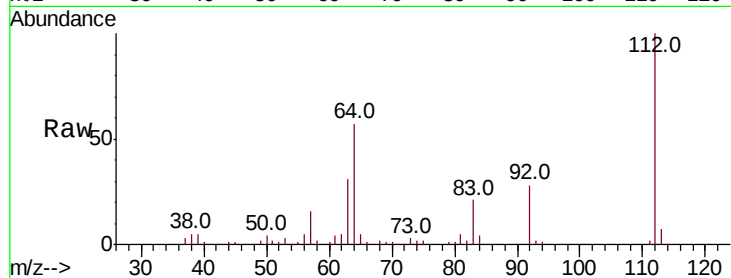
Tot Ion:112 Resp: 563746

Ion Ratio Lower Upper

112 100

64 57.4 45.0 67.4

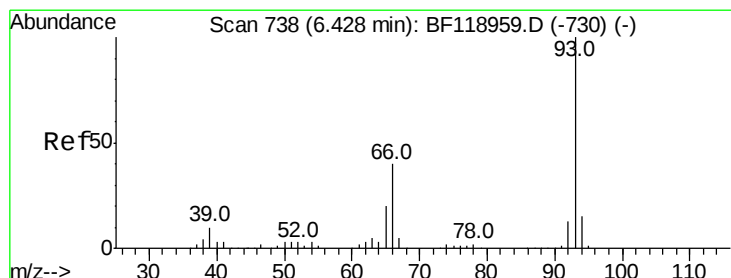
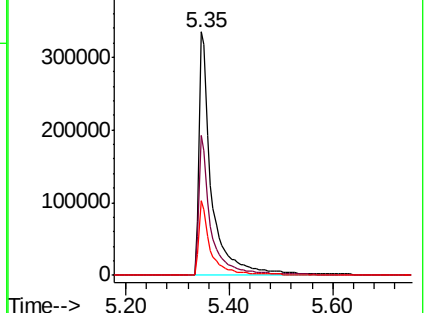
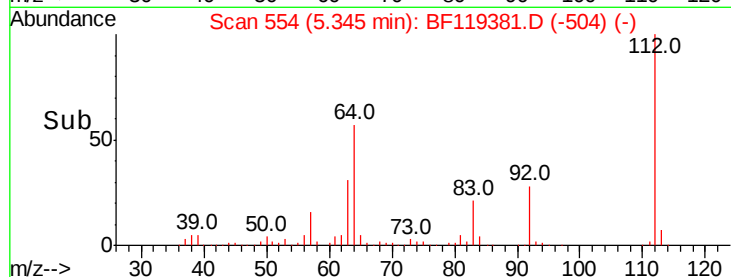
63 30.8 24.2 36.4



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: 41.304 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

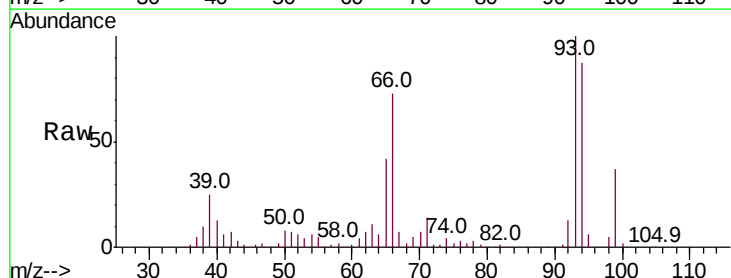
Tgt Ion: 93 Resp: 456537

Ion Ratio Lower Upper

93 100

66 72.8 74.5 111.7#

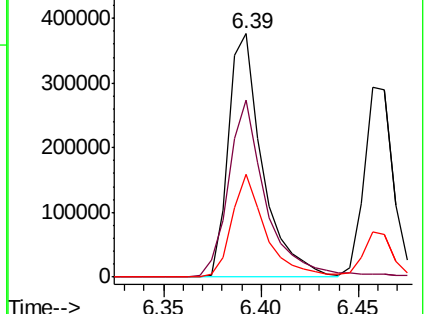
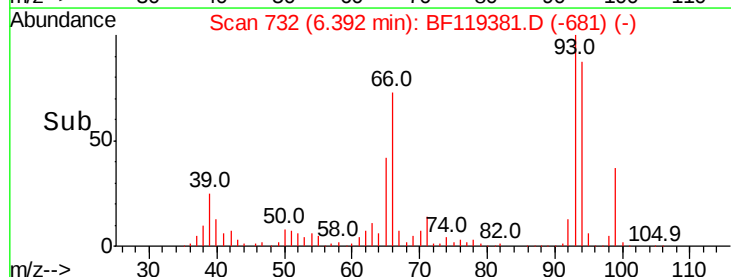
65 42.5 45.3 67.9#

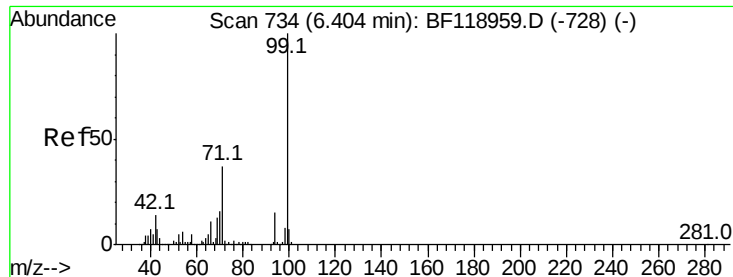


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.643 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampleId :

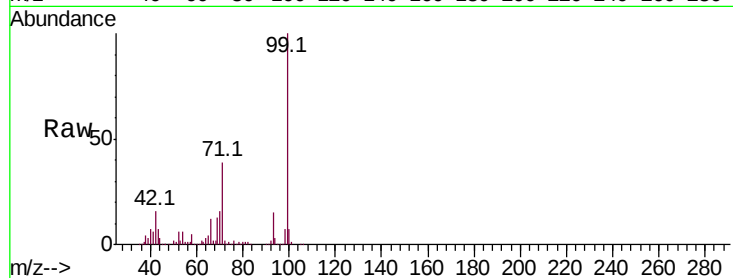
Tot Ion: 99 Resp: 749258

Ion Ratio Lower Upper

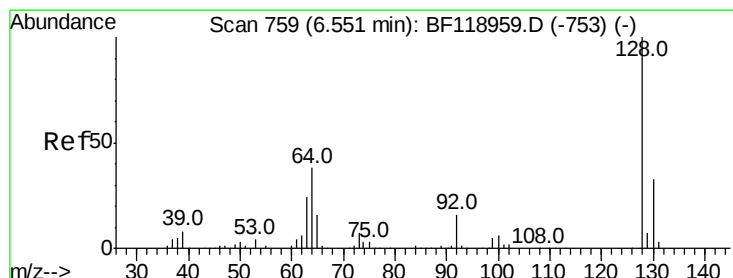
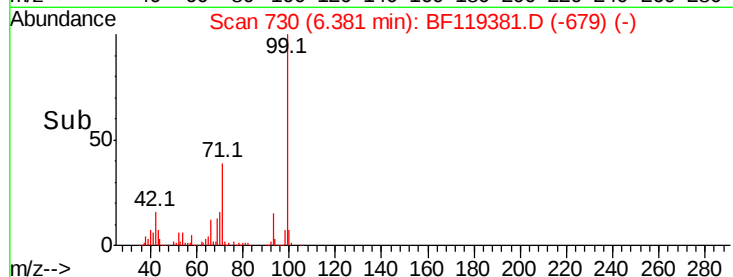
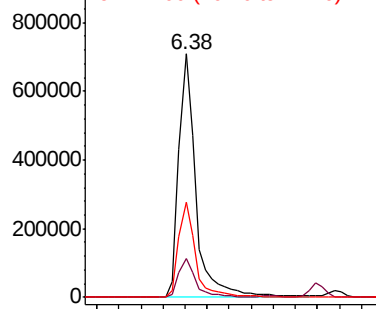
99 100

42 15.8 12.6 18.8

71 38.9 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: 42.241 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

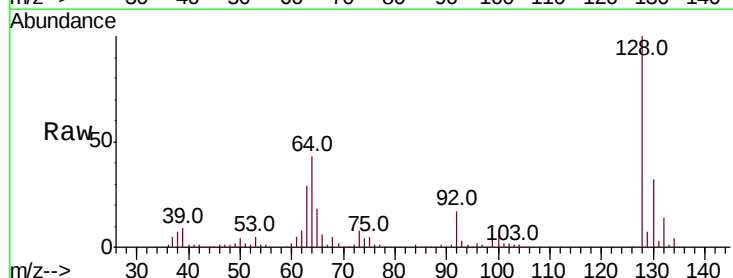
Tgt Ion: 128 Resp: 335759

Ion Ratio Lower Upper

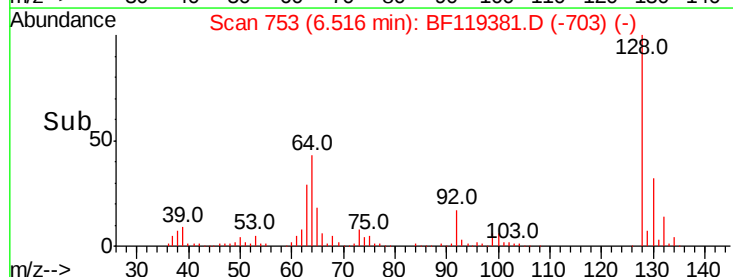
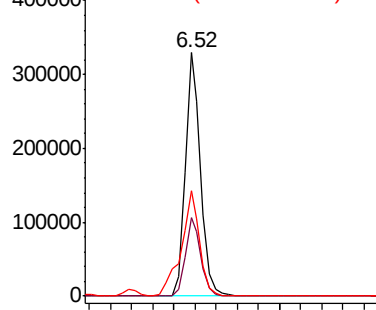
128 100

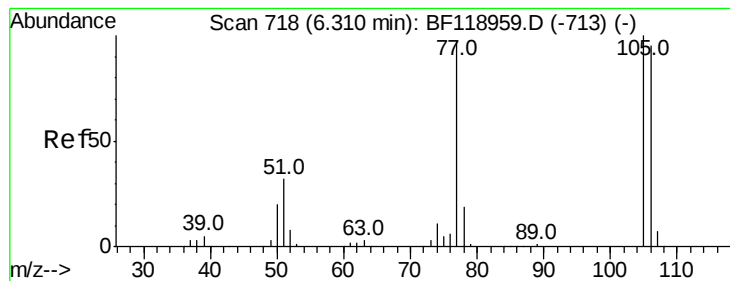
130 32.1 12.7 52.7

64 43.3 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: 34.663 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

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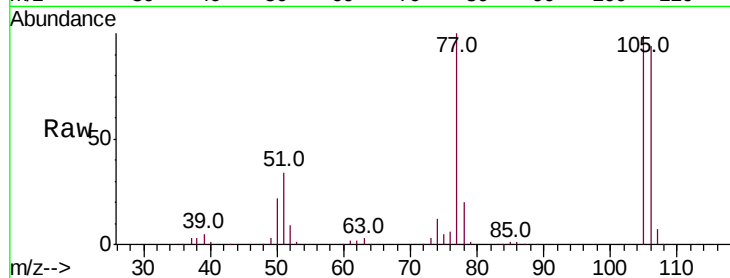
Tot Ion: 77 Resp: 207451

Ion Ratio Lower Upper

77 100

105 98.8 80.1 120.1

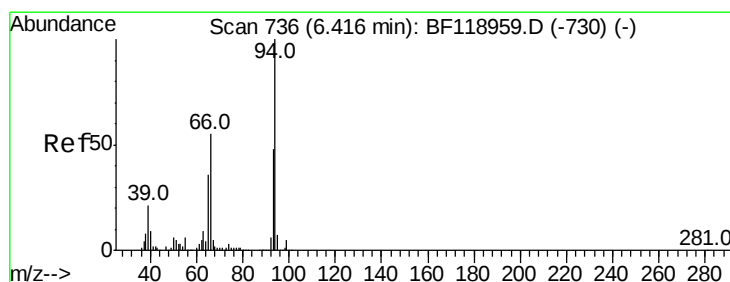
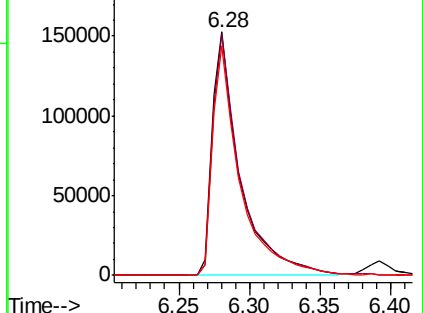
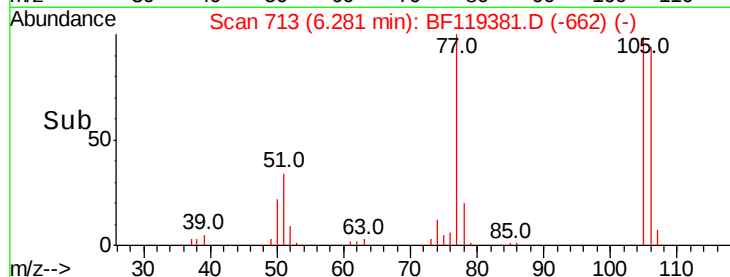
106 94.3 75.9 115.9



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: 40.856 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

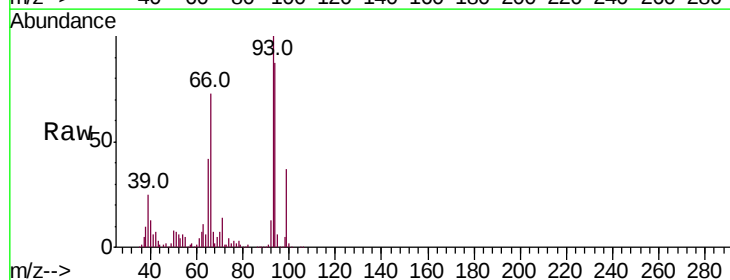
Tgt Ion: 94 Resp: 395690

Ion Ratio Lower Upper

94 100

65 49.0 19.2 59.2

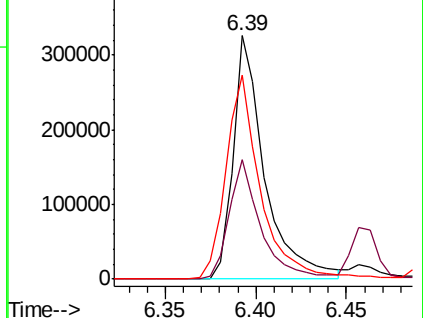
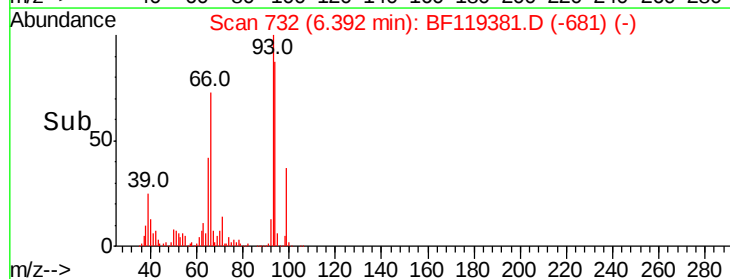
66 84.0 44.4 84.4

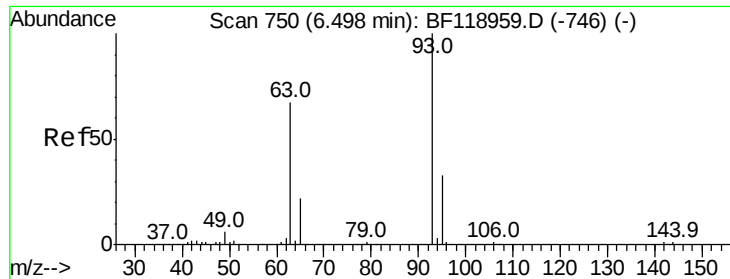


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

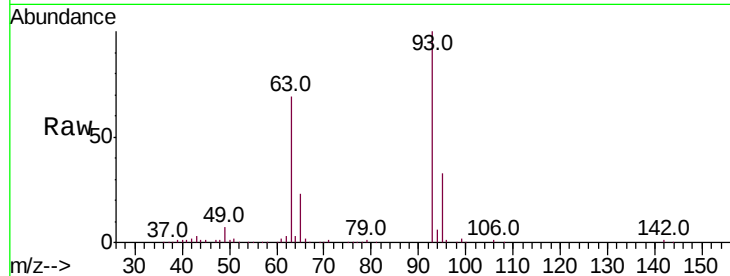




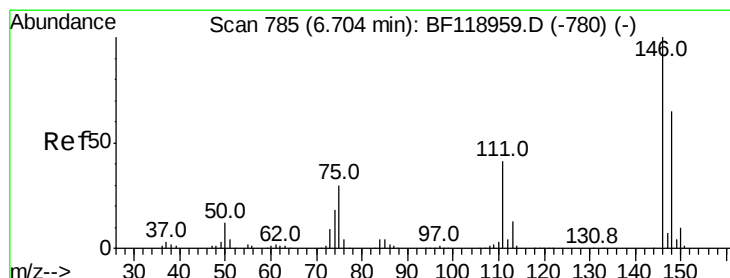
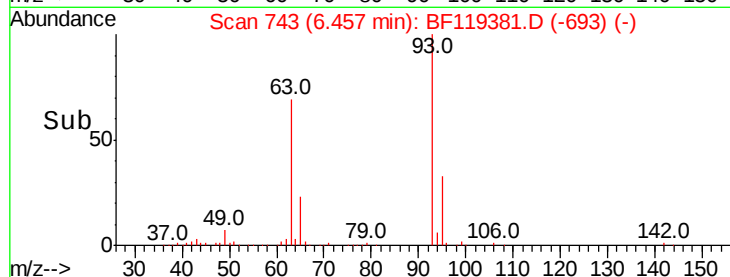
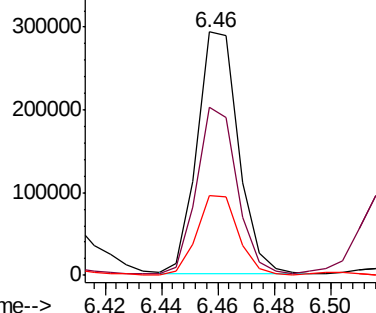
#11
bis(2-Chloroethyl)ether
Concen: 40.297 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.0	45.4	85.4
95	32.5	13.5	53.5

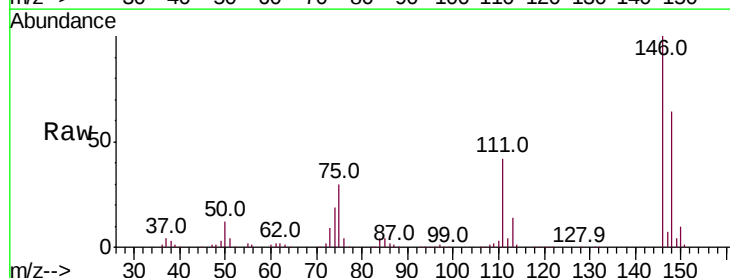


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

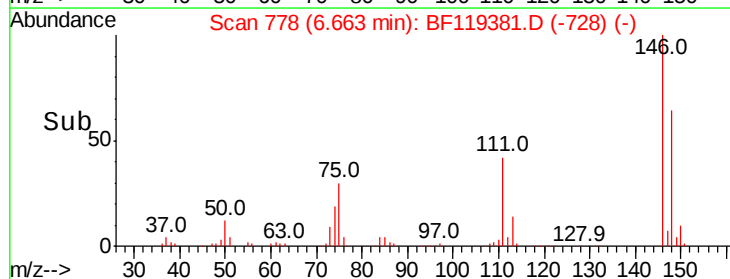
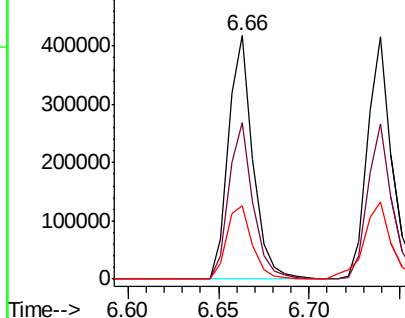


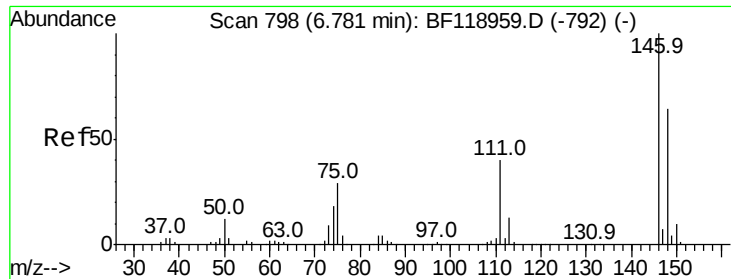
#12
1,3-Dichlorobenzene
Concen: 41.200 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.5	78.7
75	30.4	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

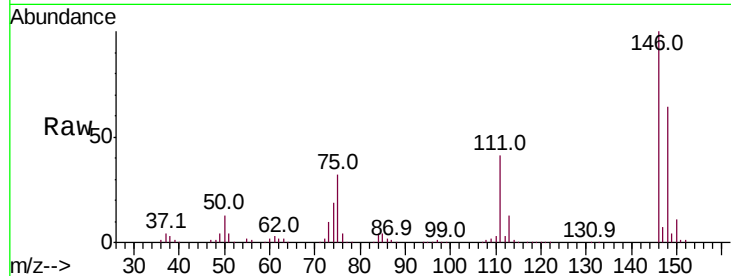




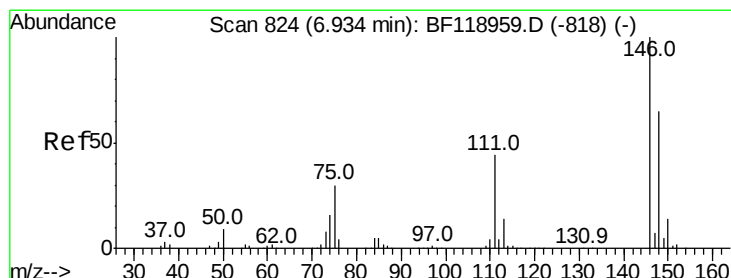
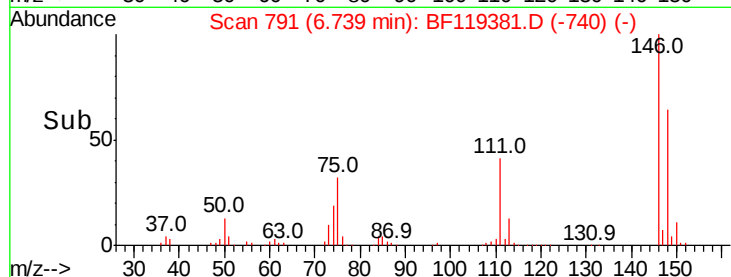
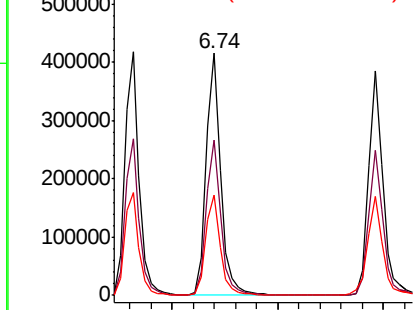
#13
 1,4-Dichlorobenzene
 Concen: 41.855 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 399029
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 41.2 34.8 52.2

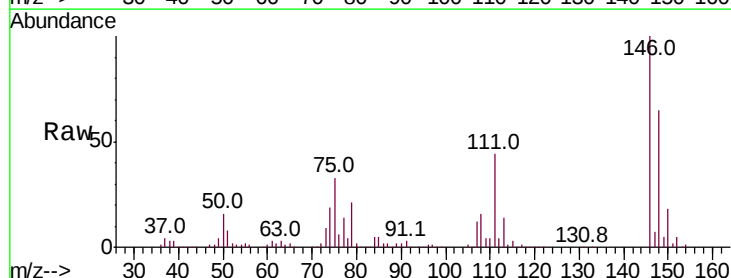


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

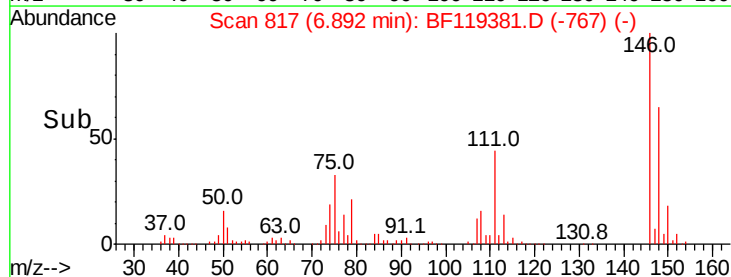
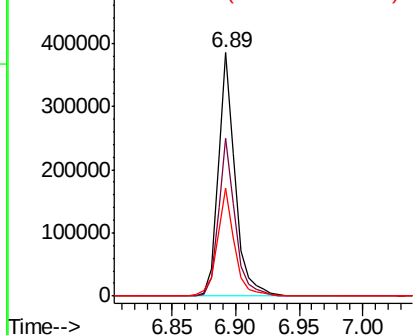


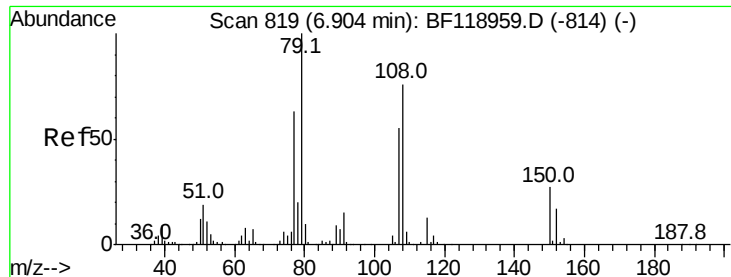
#14
 1,2-Dichlorobenzene
 Concen: 41.423 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Tgt Ion:146 Resp: 360158
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.9 77.9
 111 44.4 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: 43.649 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampleId :

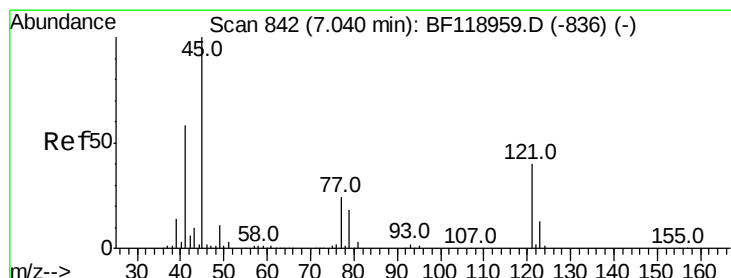
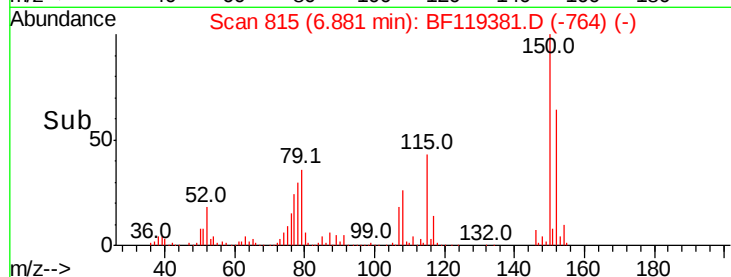
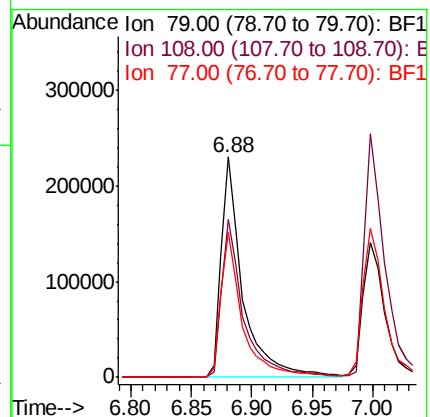
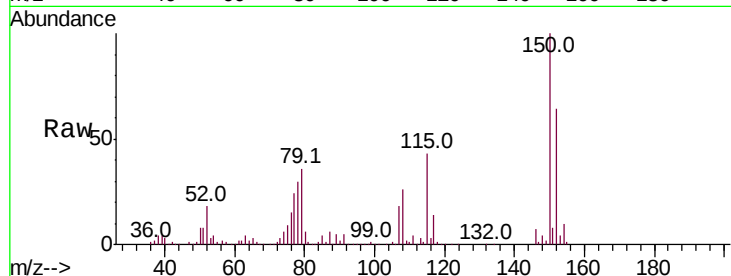
Tot Ion: 79 Resp: 282585

Ion Ratio Lower Upper

79 100

108 71.5 58.2 87.2

77 66.1 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.165 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

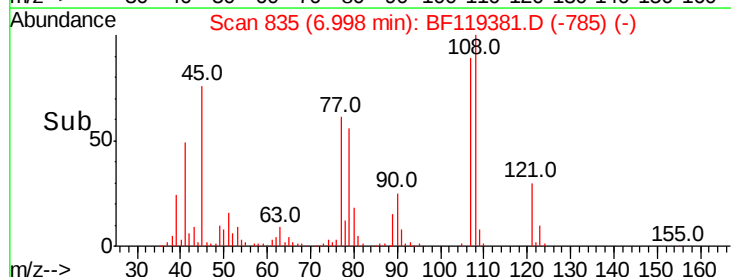
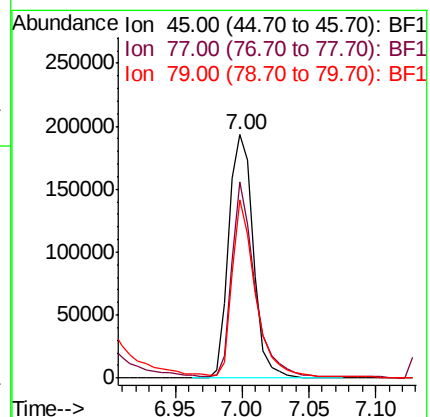
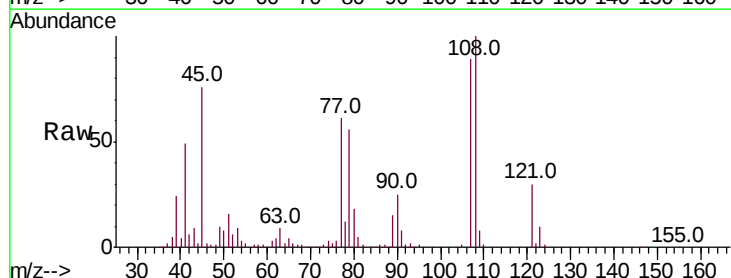
Tgt Ion: 45 Resp: 251411

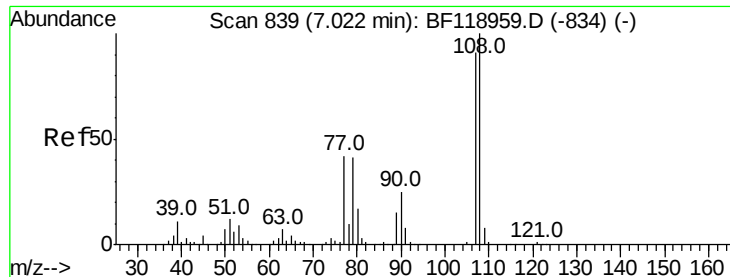
Ion Ratio Lower Upper

45 100

77 80.6 15.0 55.0#

79 73.1 9.4 49.4#

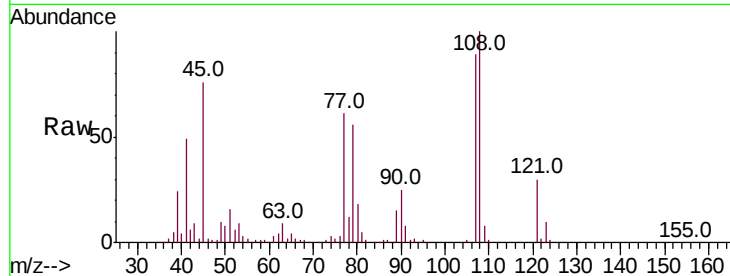




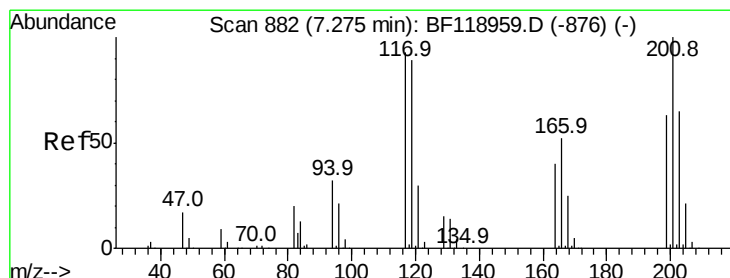
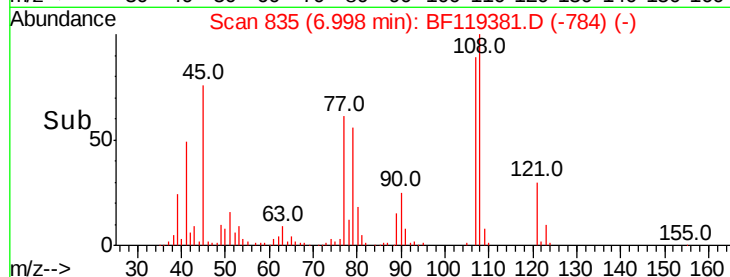
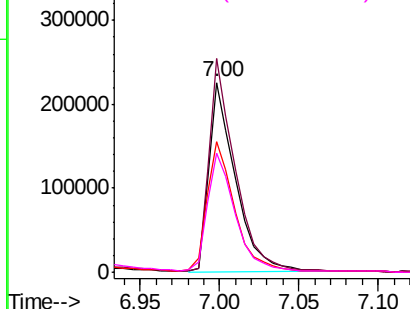
#17
2-Methylphenol
Concen: 41.124 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 265021
Ion Ratio Lower Upper
107 100
108 112.4 87.9 131.9
77 68.9 45.3 67.9#
79 62.5 43.0 64.4

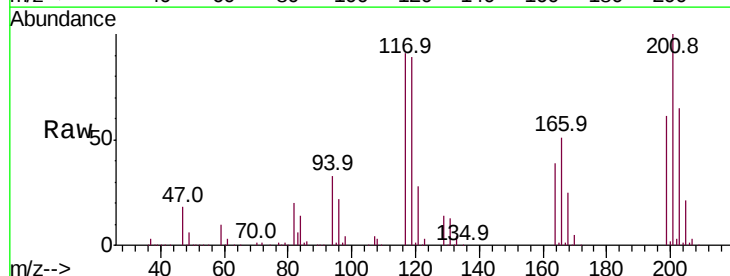


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

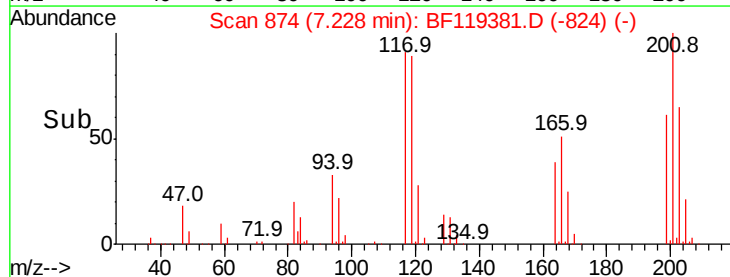
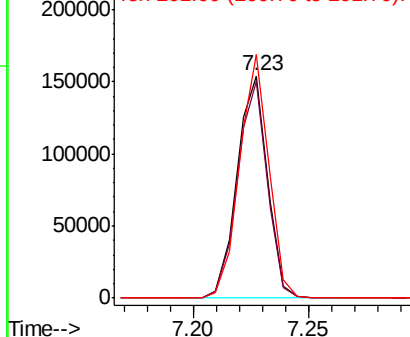


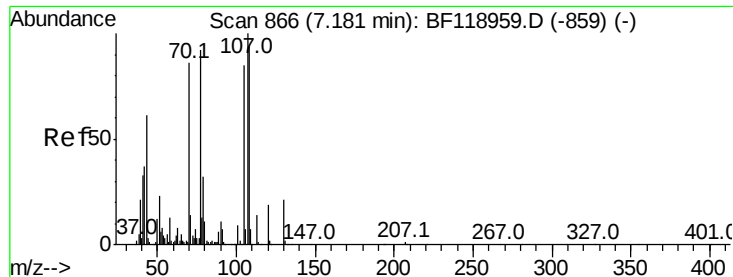
#18
Hexachloroethane
Concen: 41.367 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:117 Resp: 141094
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3
201 109.6 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

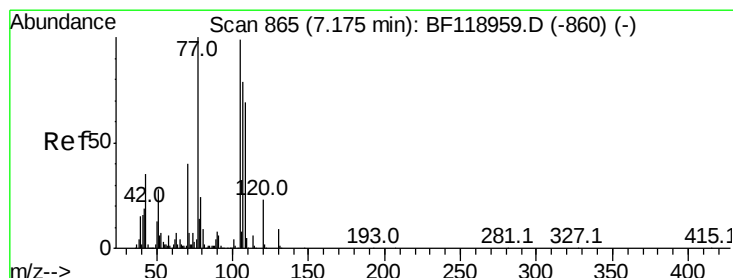
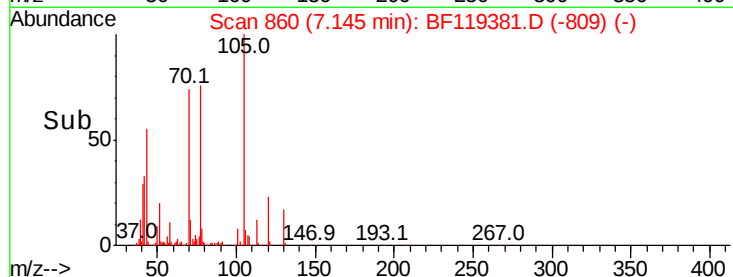
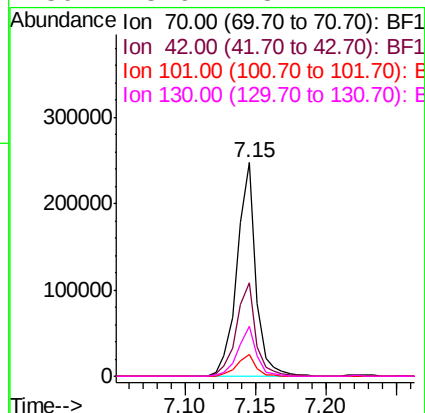
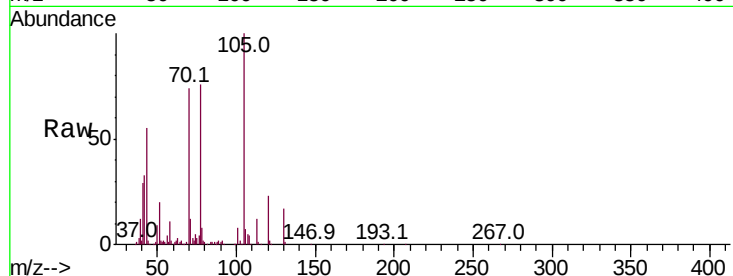




#19
n-Nitroso-di-n-propylamine
Concen: 44.100 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

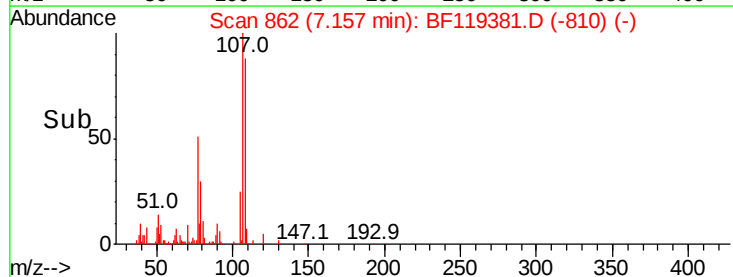
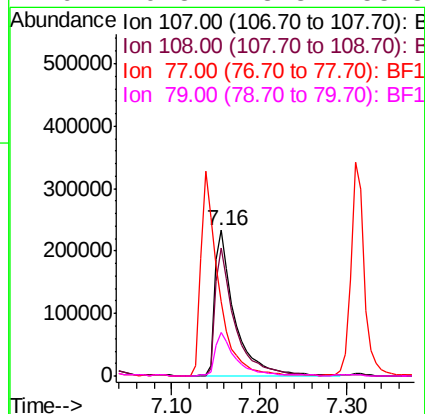
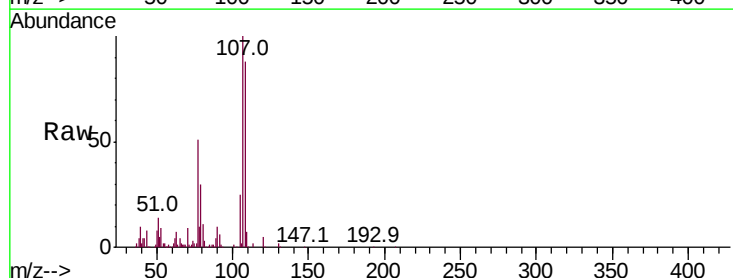
Instrument :
BNA_F
ClientSampleId :

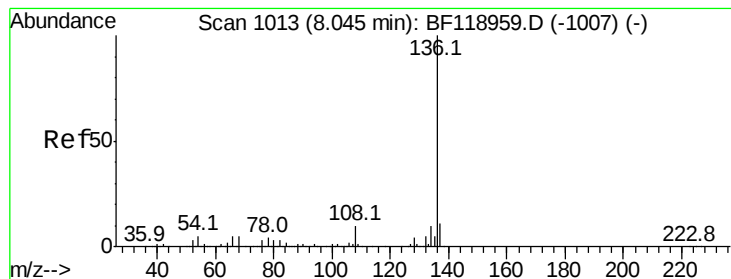
Tot Ion:	70	Resp:	230187
Ion	Ratio	Lower	Upper
70	100		
42	44.0	38.0	57.0
101	10.4	8.2	12.4
130	23.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 45.747 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:	107	Resp:	361186
Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.5	111.5
77	50.8	45.9	85.9
79	29.8	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: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 415476

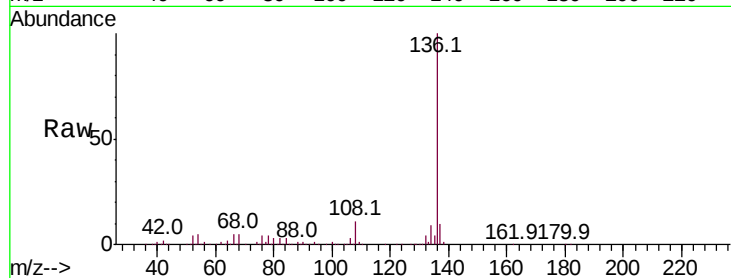
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 5.3 3.8 5.6

68 5.0 3.9 5.9

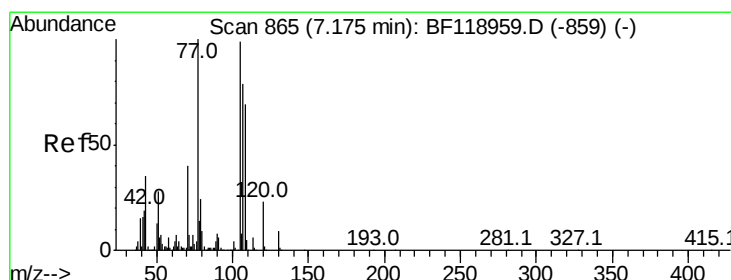
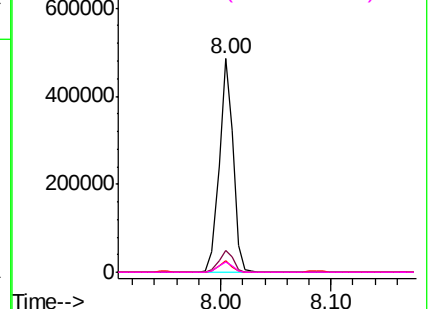
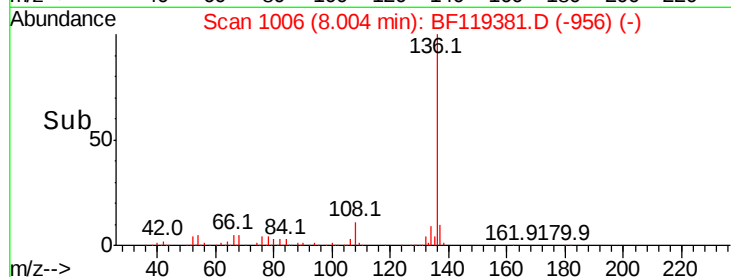


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.002 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Tgt Ion:105 Resp: 451832

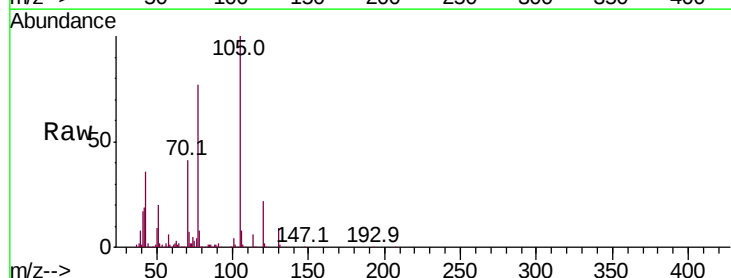
Ion Ratio Lower Upper

105 100

71 6.8 3.0 4.4#

51 20.5 20.1 30.1

120 21.9 18.0 27.0

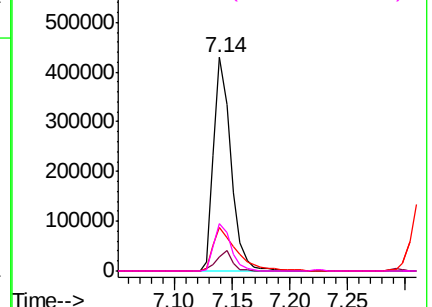
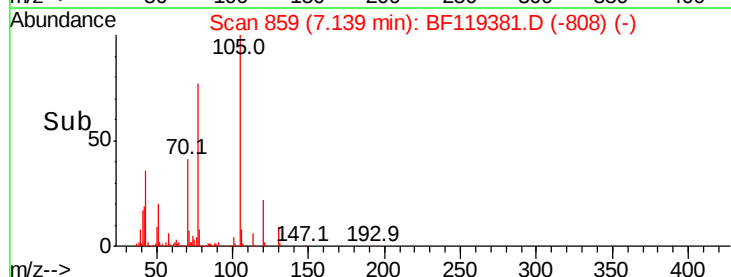


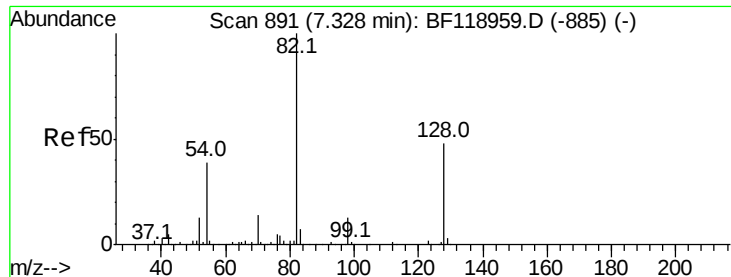
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

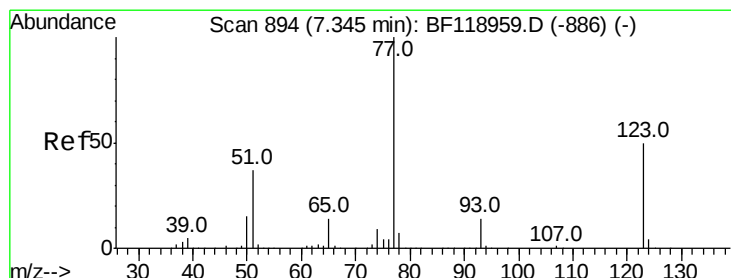
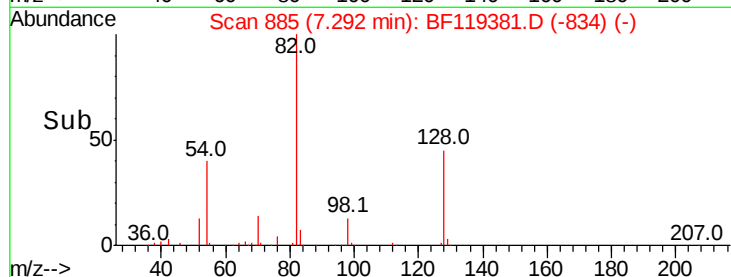
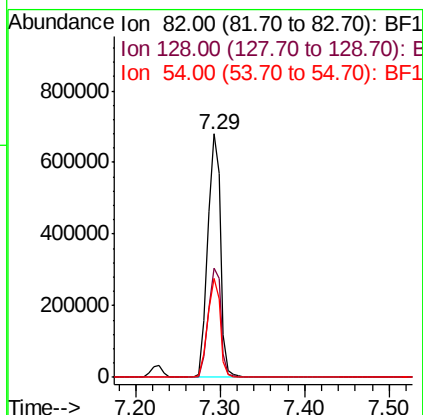
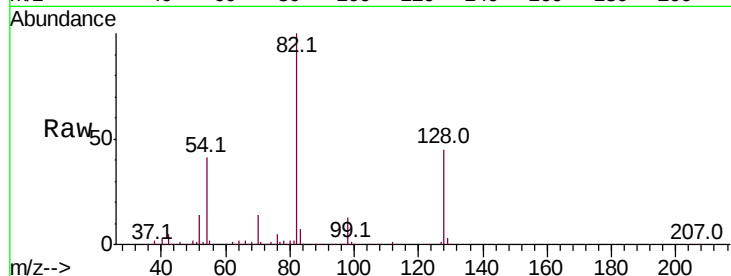




#23
 Nitrobenzene-d5
 Concen: 91.726 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

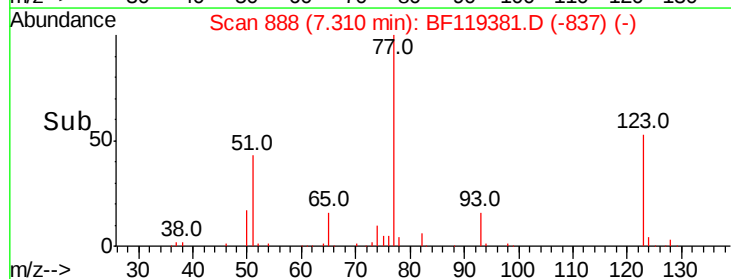
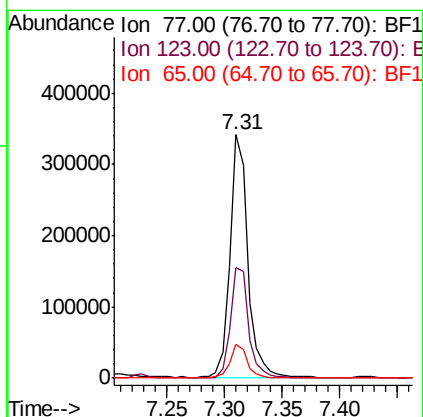
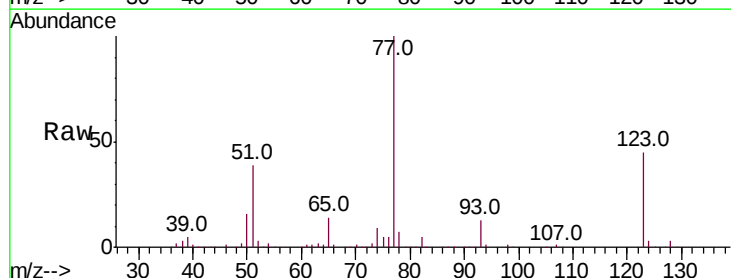
Instrument :
 BNA_F
 ClientSampleId :

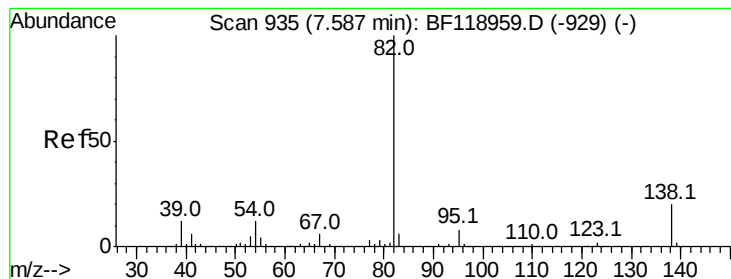
Tot Ion: 82 Resp: 721780
 Ion Ratio Lower Upper
 82 100
 128 44.6 37.9 56.9
 54 40.6 33.4 50.2



#24
 Nitrobenzene
 Concen: 46.396 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Tgt Ion: 77 Resp: 361031
 Ion Ratio Lower Upper
 77 100
 123 45.5 40.2 60.2
 65 13.7 10.8 16.2





#25

Isophorone

Concen: 43.443 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampleId :

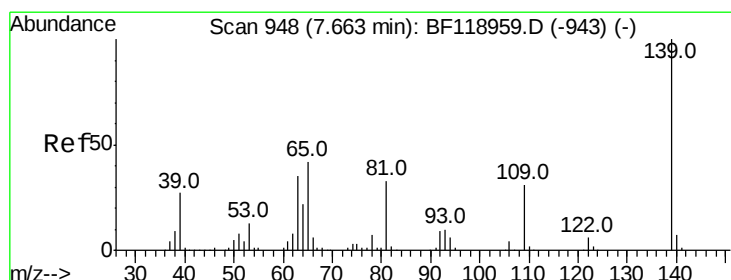
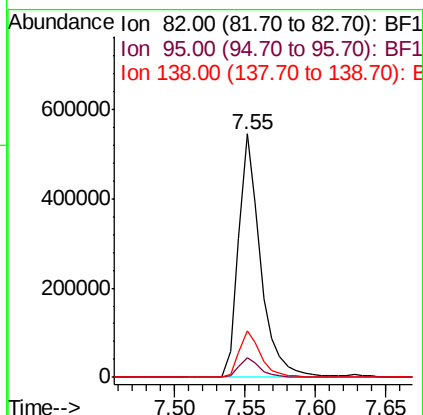
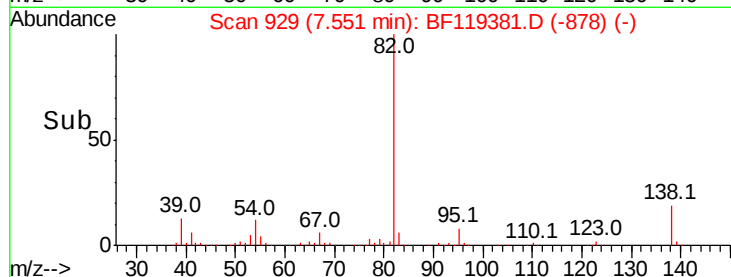
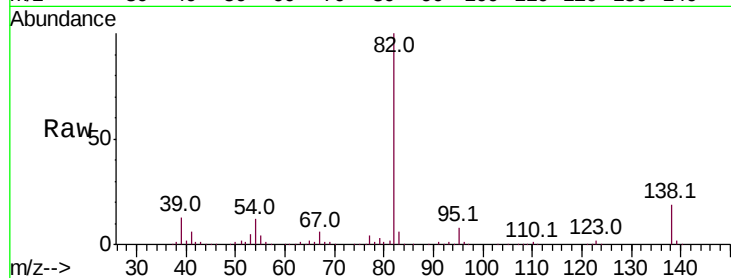
Tot Ion: 82 Resp: 593692

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 19.0 15.7 23.5



#26

2-Nitrophenol

Concen: 43.982 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

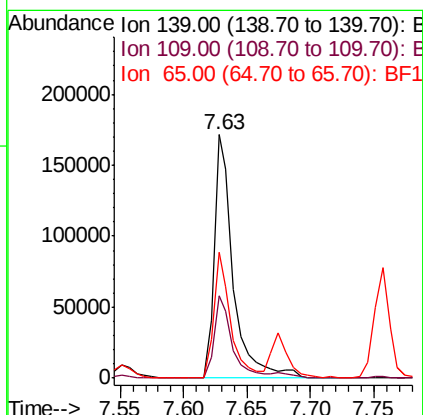
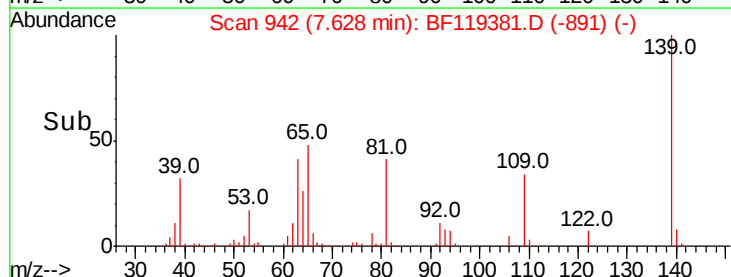
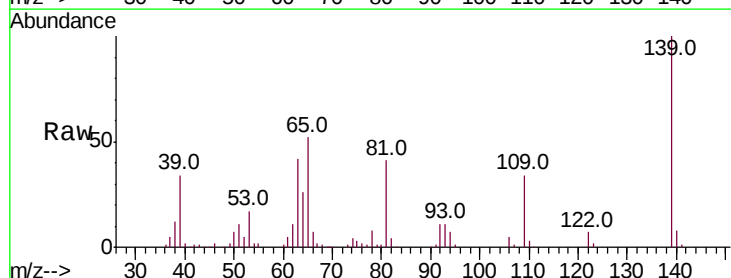
Tgt Ion: 139 Resp: 181337

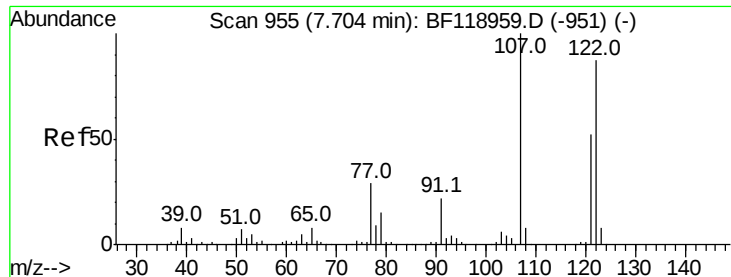
Ion Ratio Lower Upper

139 100

109 33.8 25.7 38.5

65 51.6 37.1 55.7



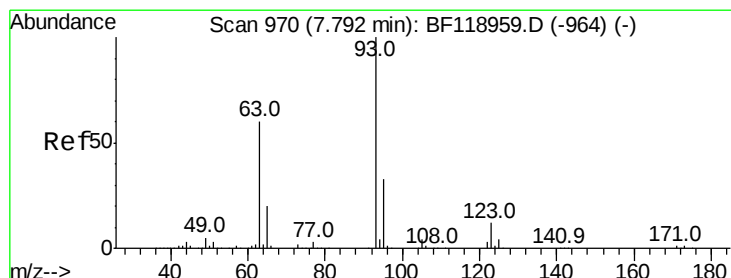
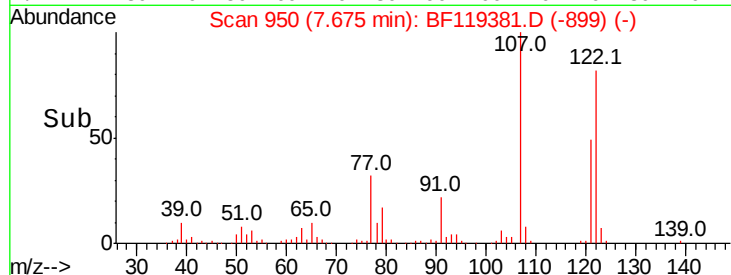
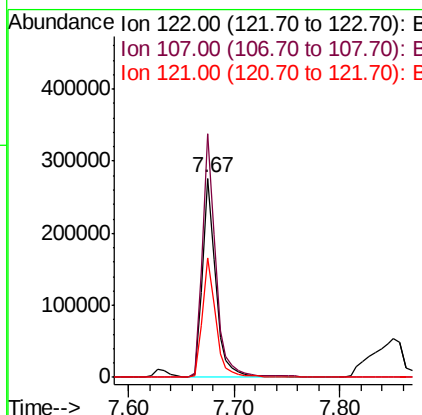
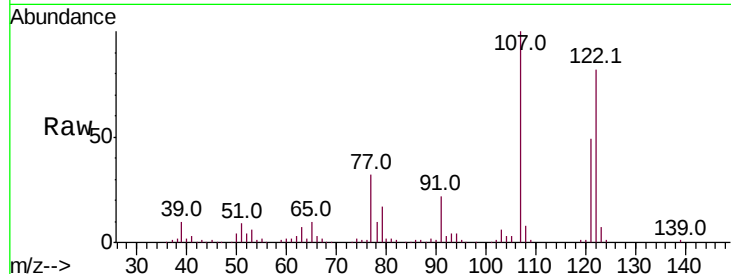


#27
 2,4-Dimethylphenol
 Concen: 42.828 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 239649

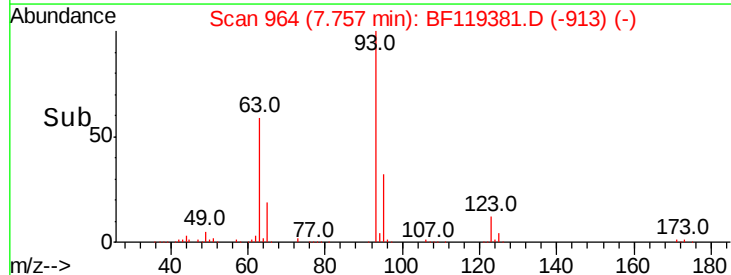
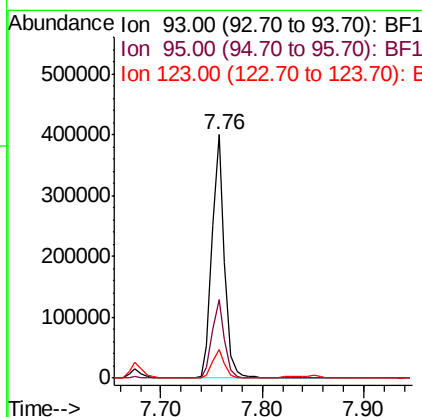
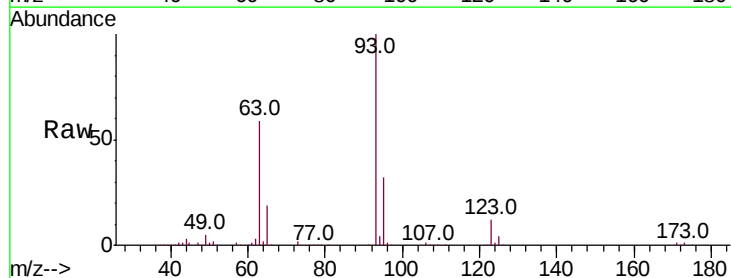
Ion	Ratio	Lower	Upper
122	100		
107	122.2	93.8	140.6
121	59.9	48.2	72.2

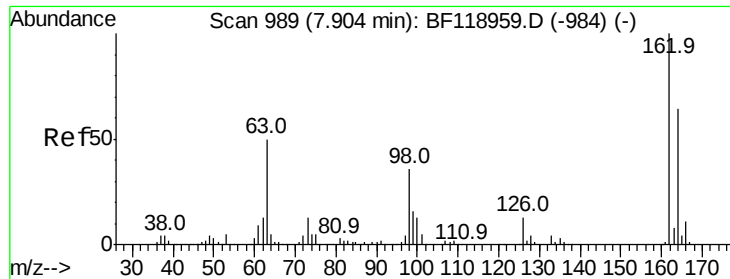


#28
 bis(2-Chloroethoxy)methane
 Concen: 38.284 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Tgt Ion: 93 Resp: 340542

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	11.8	10.2	15.2

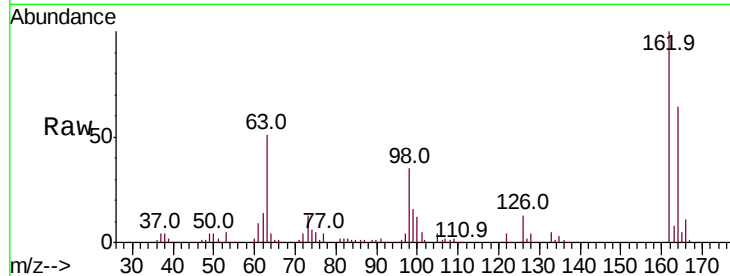




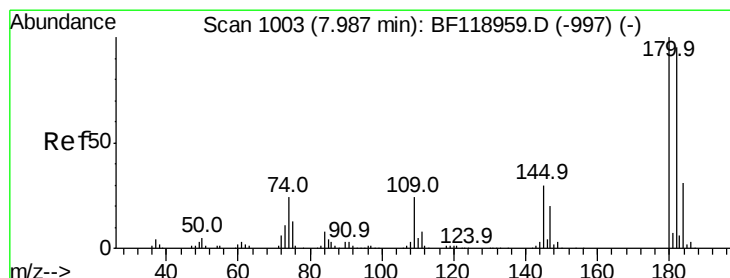
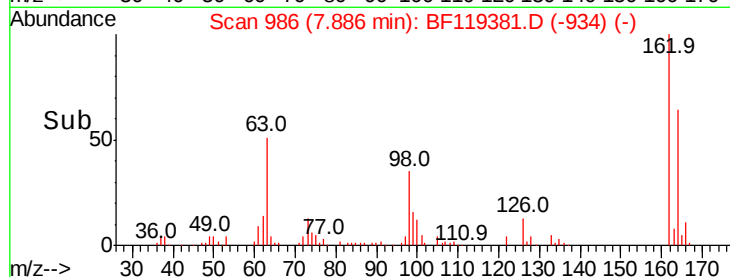
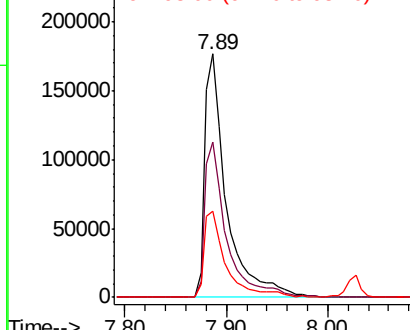
#29
 2,4-Dichlorophenol
 Concen: 39.403 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.2	85.2
98	35.2	17.4	57.4

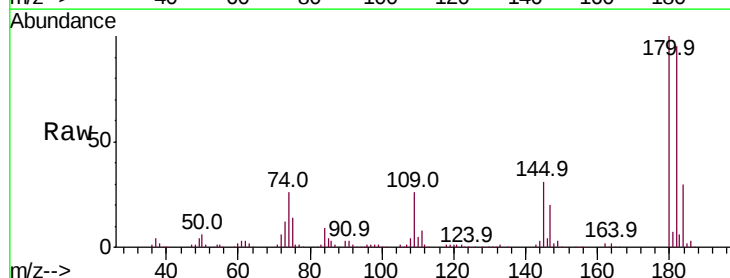


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

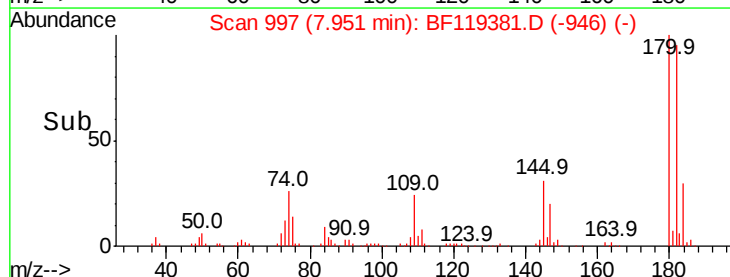
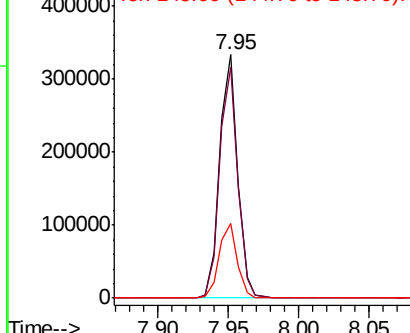


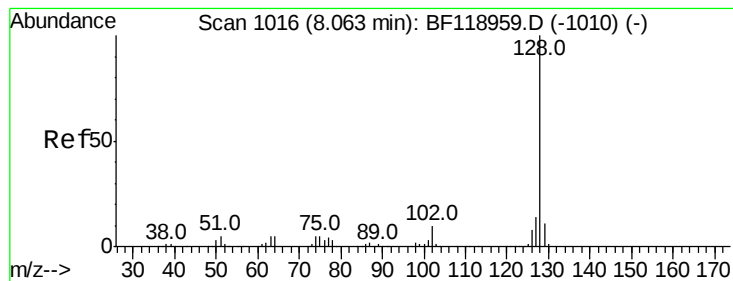
#30
 1,2,4-Trichlorobenzene
 Concen: 37.933 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.8	116.6
145	30.8	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: 39.423 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampleId :

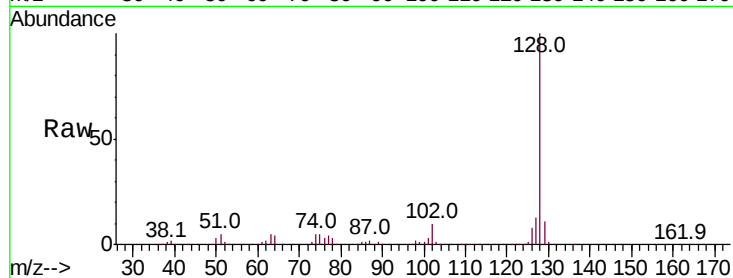
Tot Ion:128 Resp: 849464

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

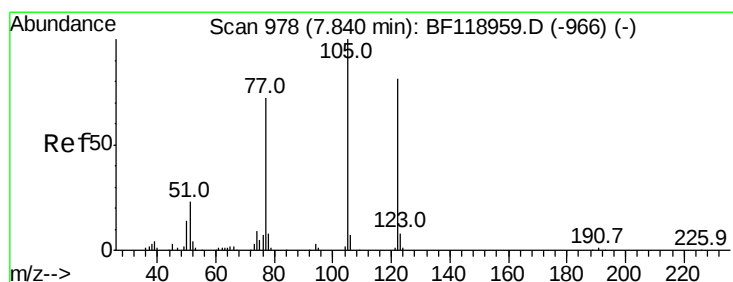
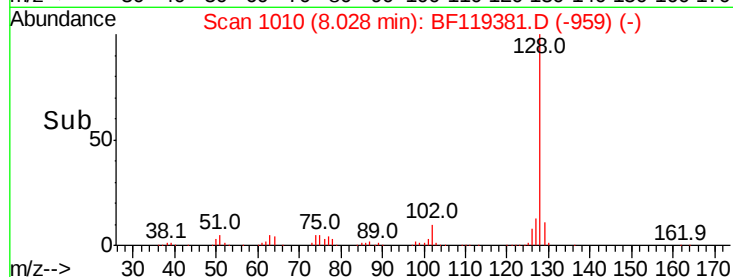
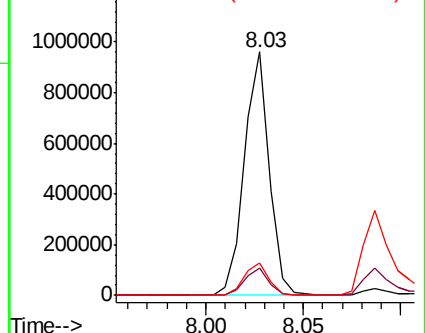
127 13.5 11.4 17.2



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: 34.017 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

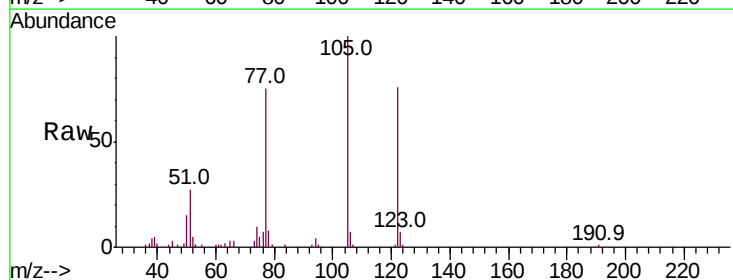
Tgt Ion:122 Resp: 129660

Ion Ratio Lower Upper

122 100

105 131.8 106.3 146.3

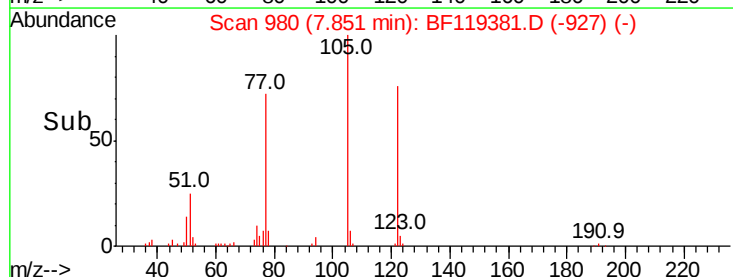
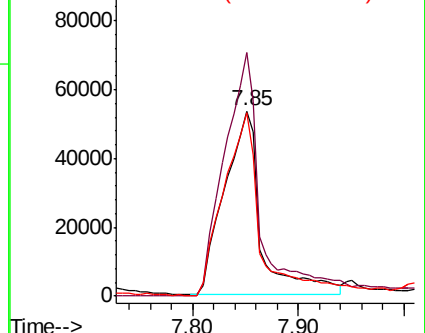
77 99.2 73.1 113.1

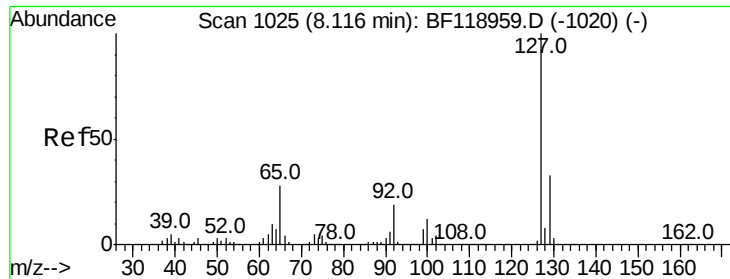


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

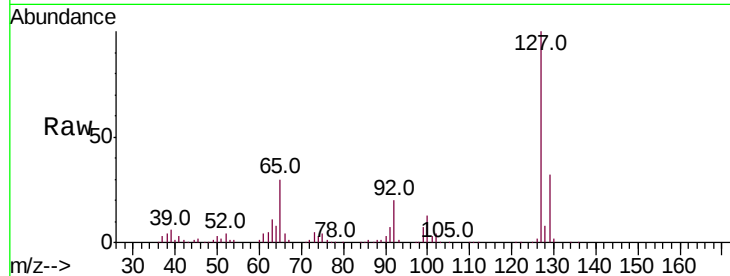




#33
4-Chloroaniline
Concen: 40.037 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	371049
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	29.6	23.9	35.9
92	20.0	16.3	24.5



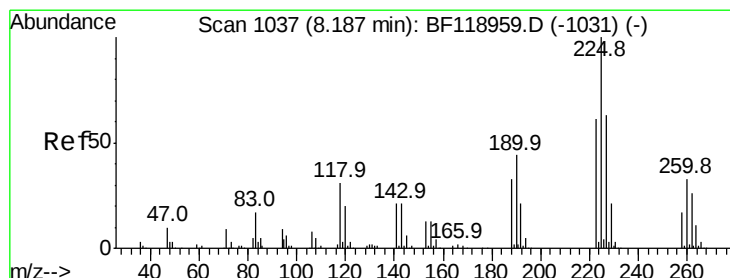
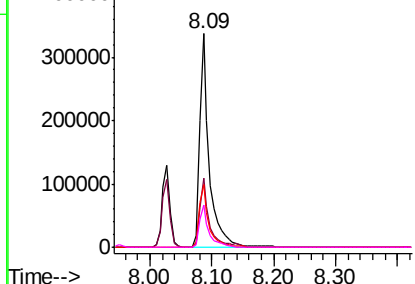
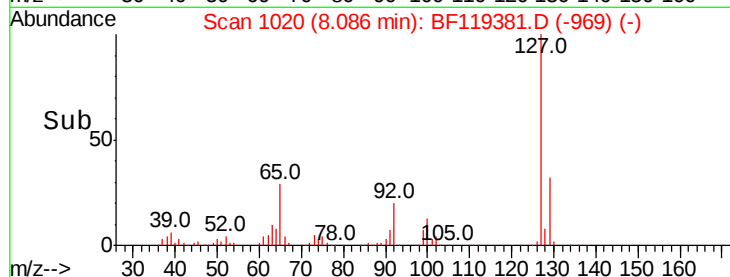
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

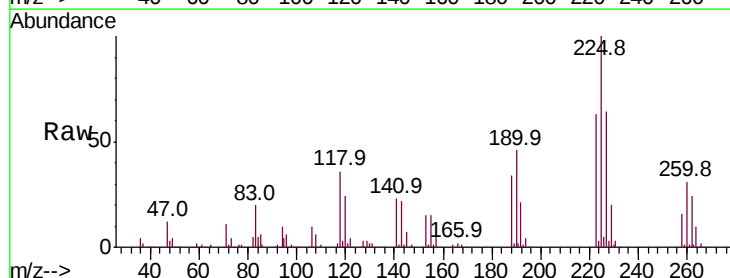
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.474 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:	225	Resp:	187178
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.2
227	64.5	52.9	79.3

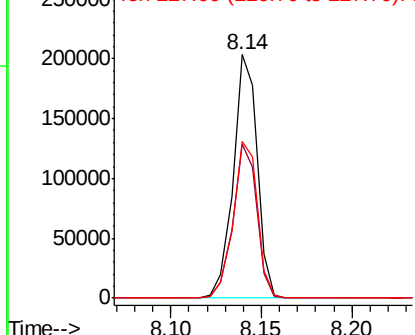
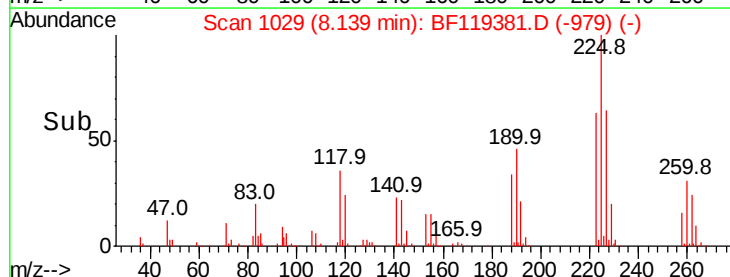


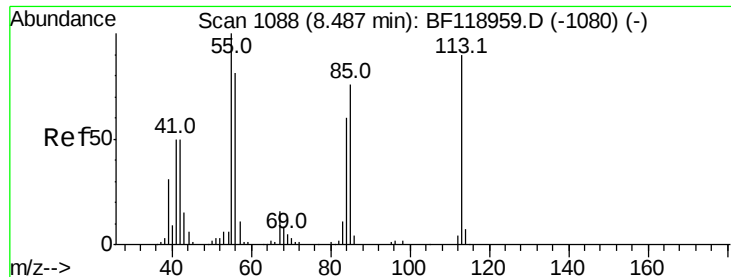
Abundance

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: 22.021 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampled :

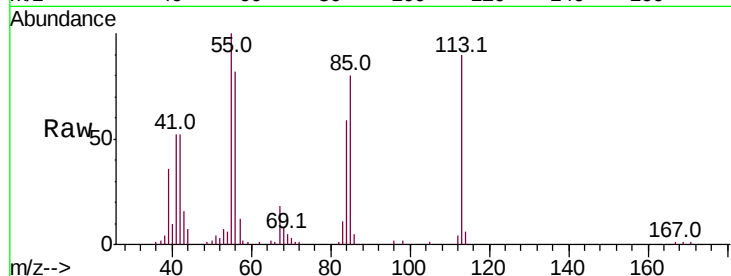
Tot Ion:113 Resp: 44666

Ion Ratio Lower Upper

113 100

55 111.5 95.7 135.7

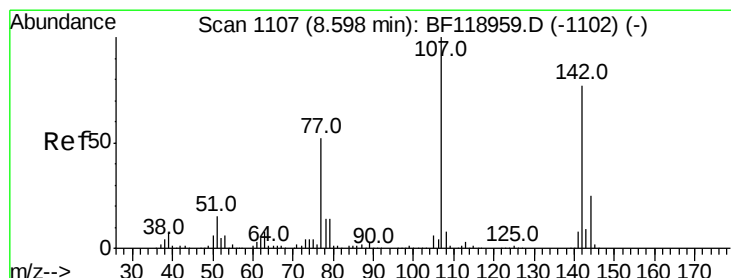
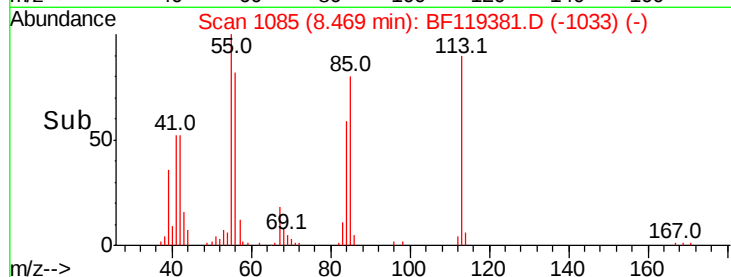
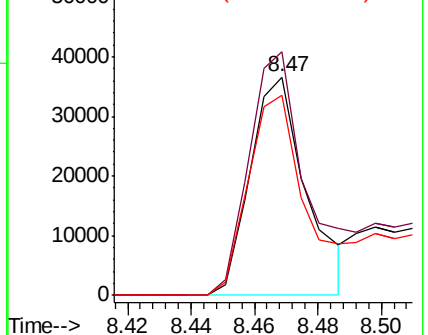
56 91.7 73.1 113.1



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: 41.051 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

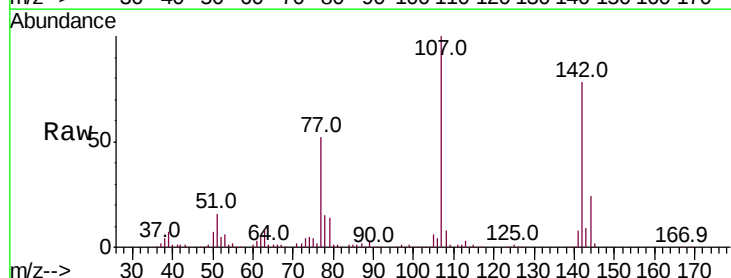
Tgt Ion:107 Resp: 273677

Ion Ratio Lower Upper

107 100

144 24.3 20.1 30.1

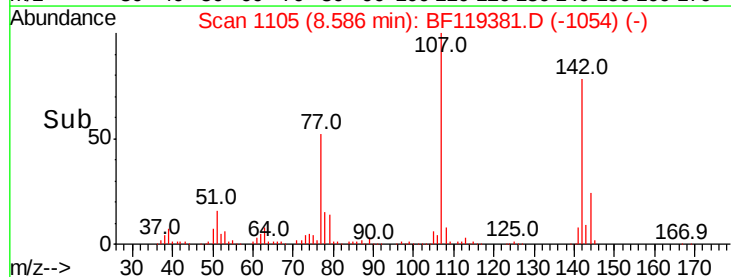
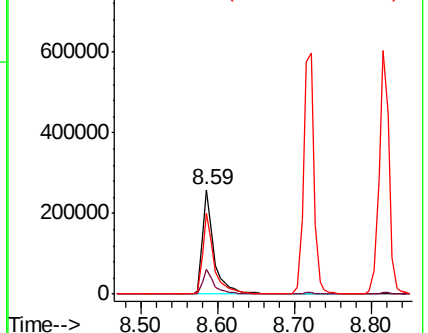
142 77.5 61.4 92.2

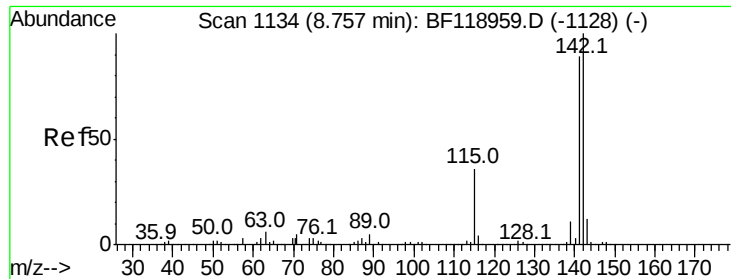


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

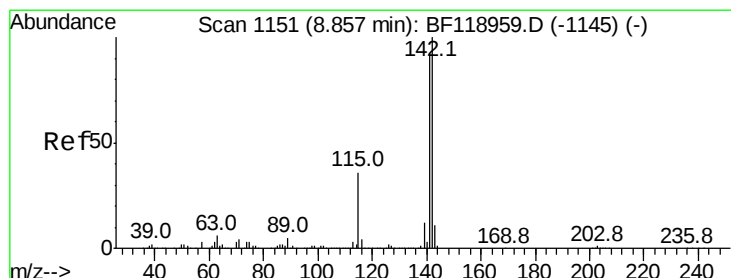
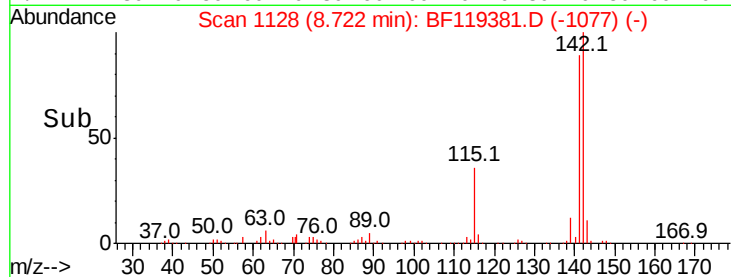
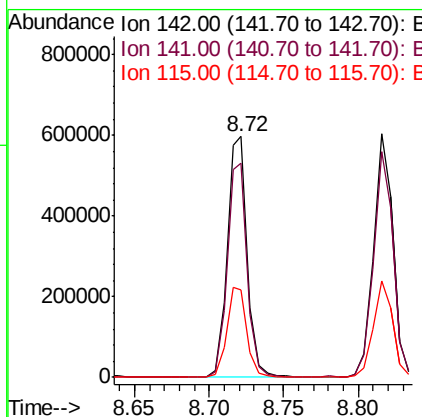
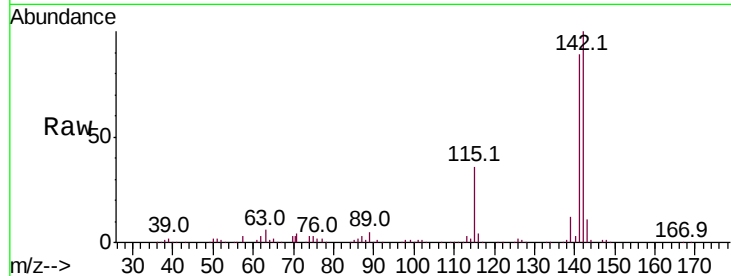




#37
2-Methylnaphthalene
Concen: 38.902 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

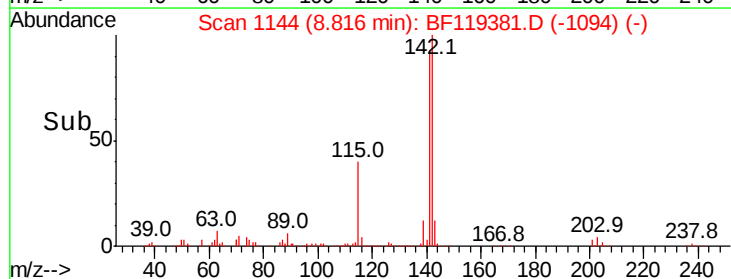
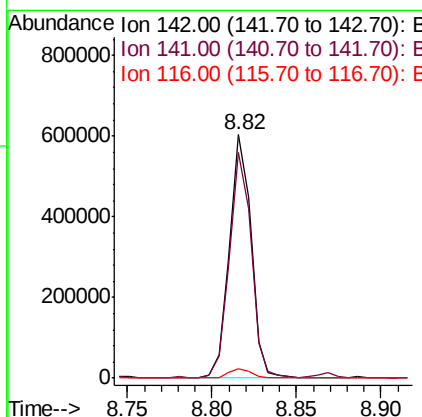
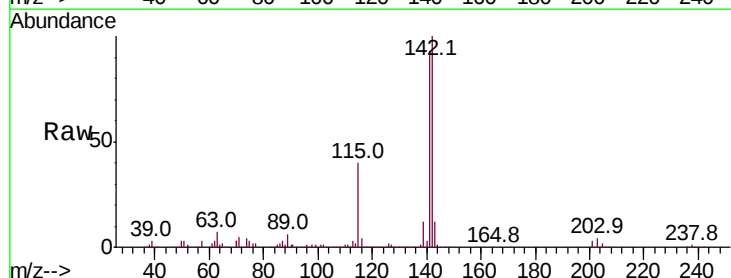
Instrument :
BNA_F
ClientSampleId :

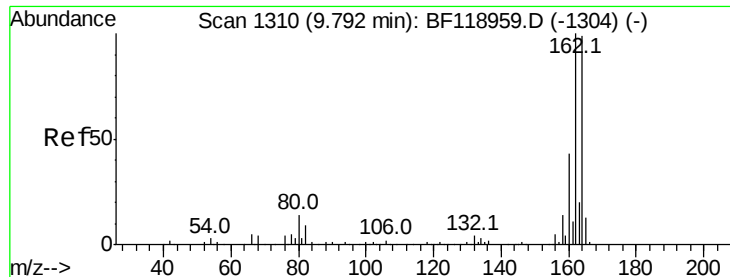
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.3	108.5
115	36.1	30.6	45.8



#38
1-Methylnaphthalene
Concen: 39.228 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.8	113.6
116	4.1	3.1	4.7

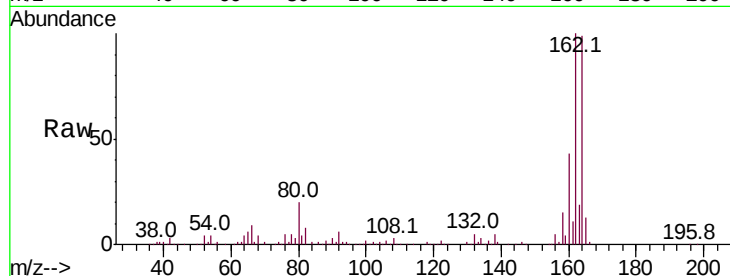




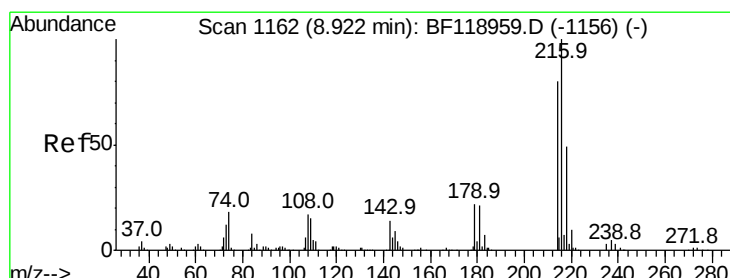
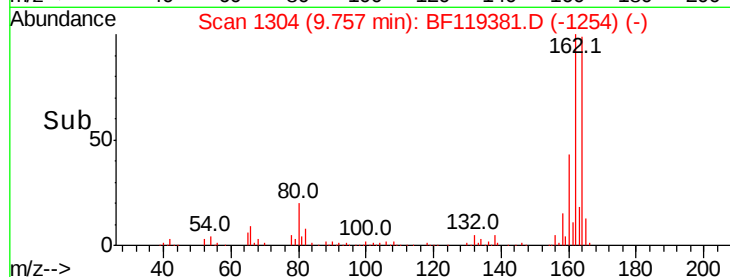
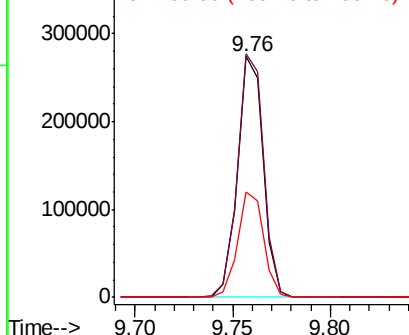
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.8	122.8
160	44.0	36.0	54.0



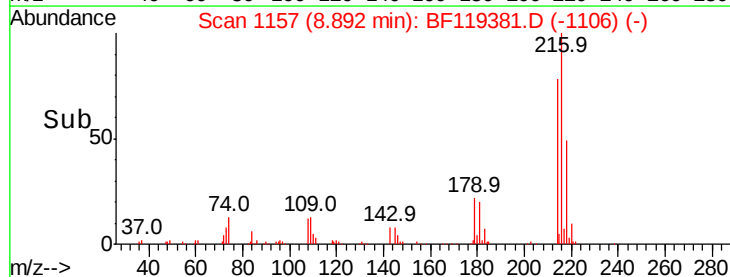
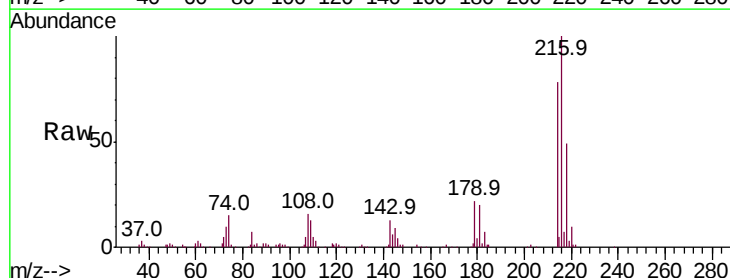
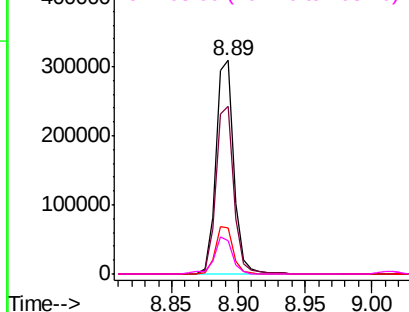
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

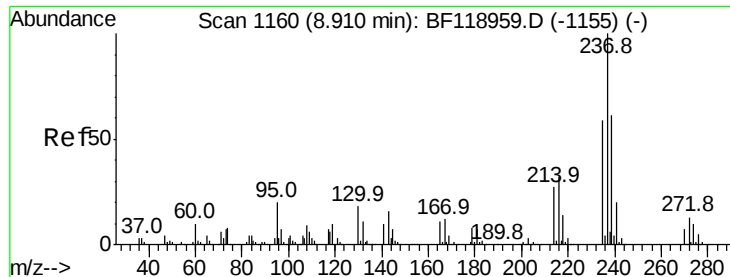


#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.726 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.3	94.9
179	22.1	17.7	26.5
108	17.9	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: 29.878 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampleId :

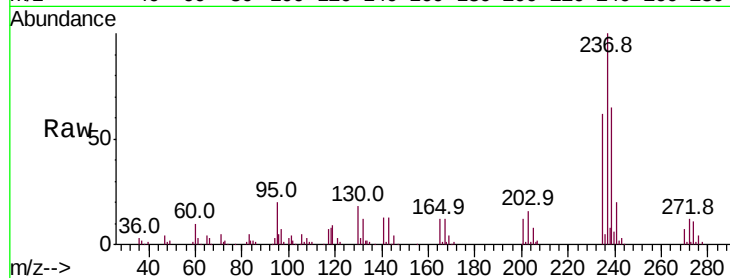
Tot Ion:237 Resp: 71427

Ion Ratio Lower Upper

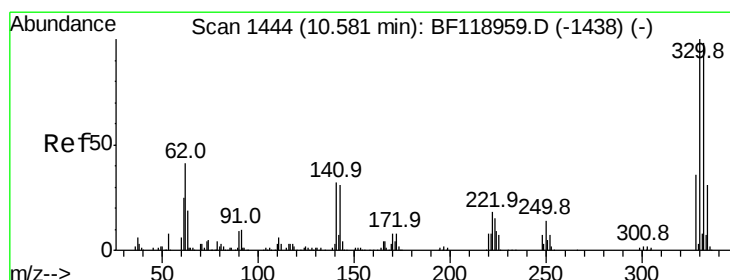
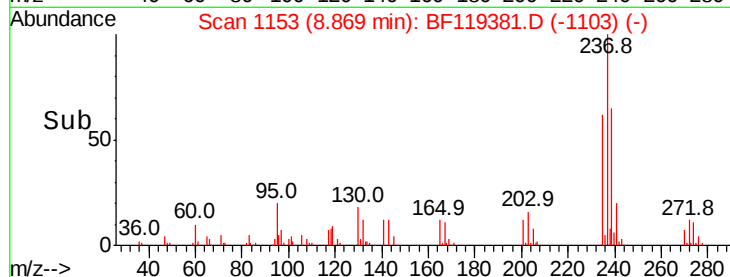
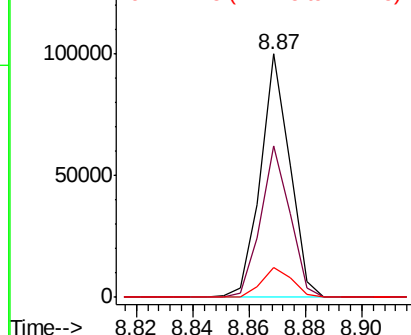
237 100

235 62.3 42.3 82.3

272 12.3 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: 66.069 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

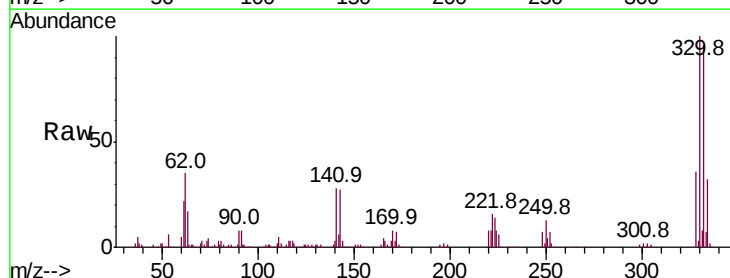
Tgt Ion:330 Resp: 216735

Ion Ratio Lower Upper

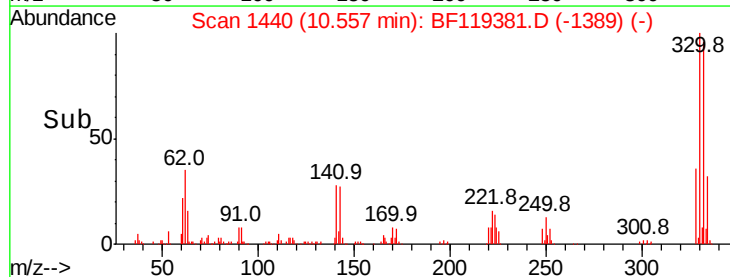
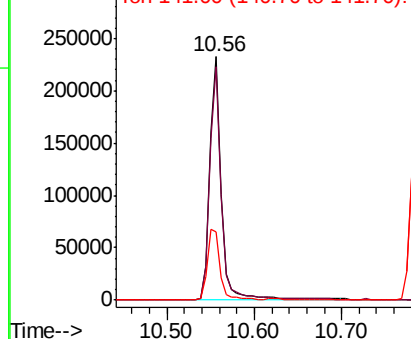
330 100

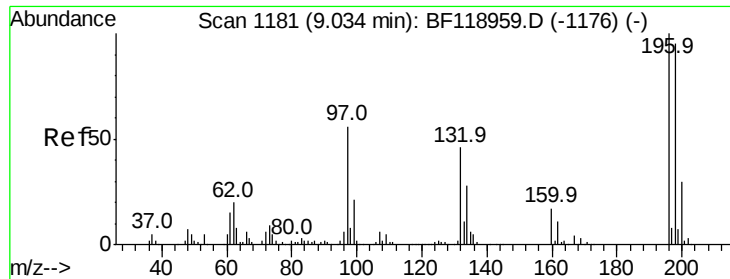
332 95.1 76.0 114.0

141 31.6 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

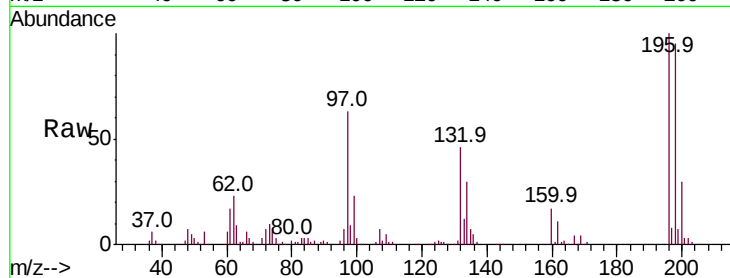




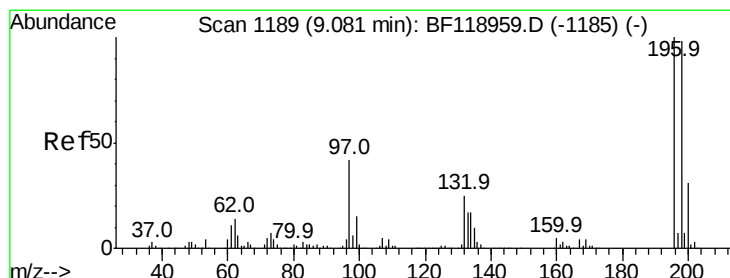
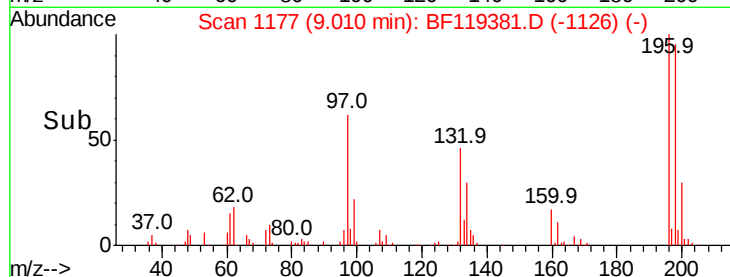
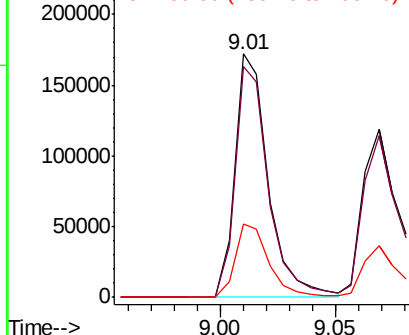
#43
 2,4,6-Trichlorophenol
 Concen: 32.406 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 173022
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.1 115.7
 200 30.2 25.0 37.6

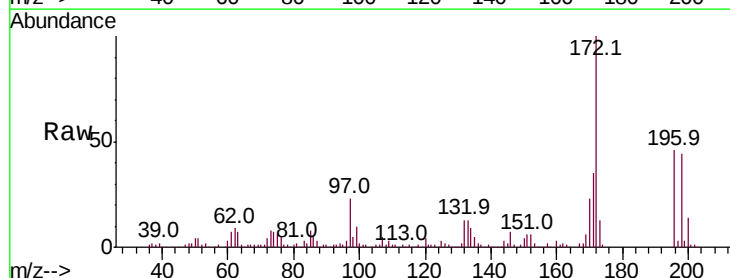


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

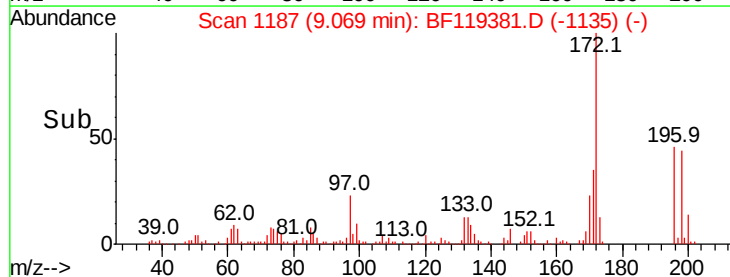
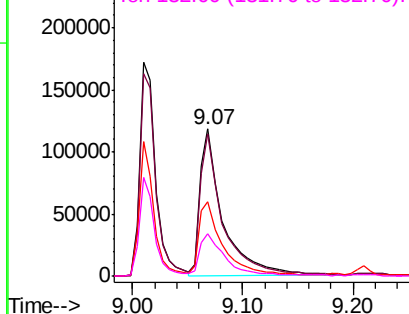


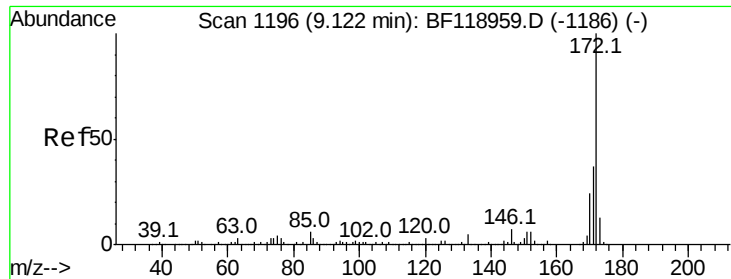
#44
 2,4,5-Trichlorophenol
 Concen: 29.276 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Tgt Ion:196 Resp: 164023
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.8 115.2
 97 50.8 38.5 57.7
 132 28.3 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

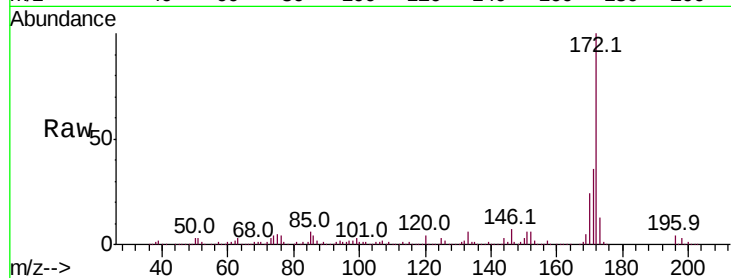




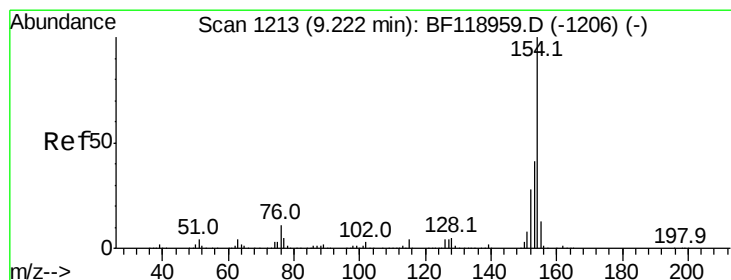
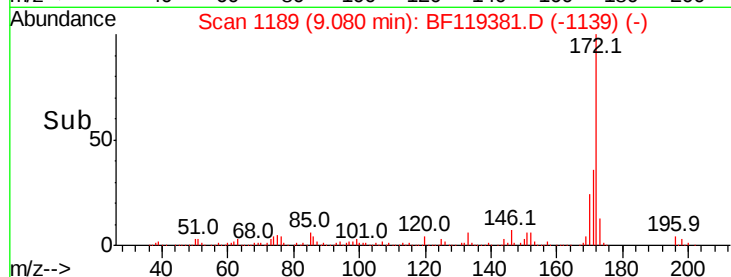
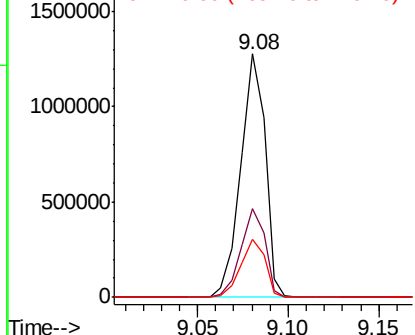
#45
2-Fluorobiphenyl
Concen: 70.483 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1199764
Ion Ratio Lower Upper
172 100
171 36.3 30.6 45.8
170 24.0 20.2 30.2

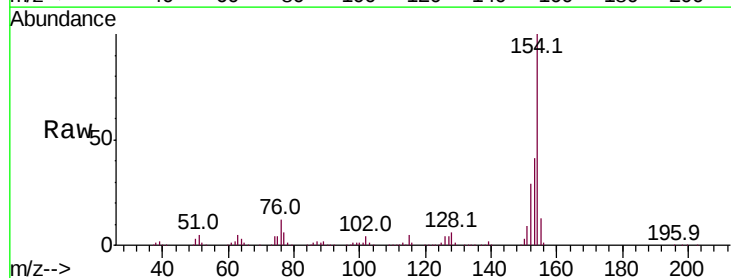


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

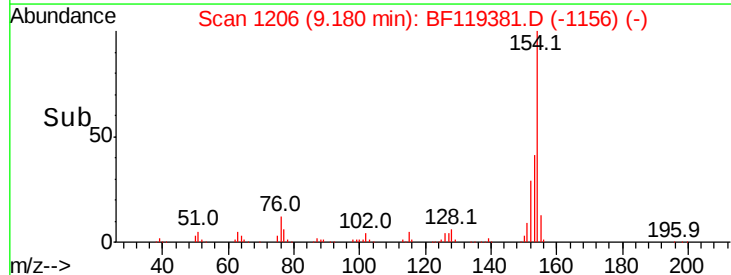
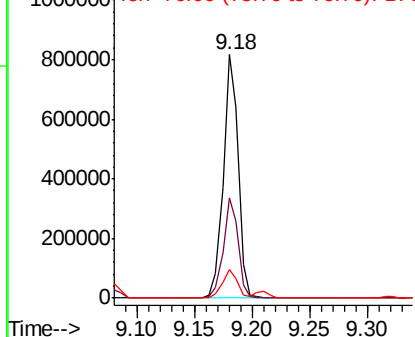


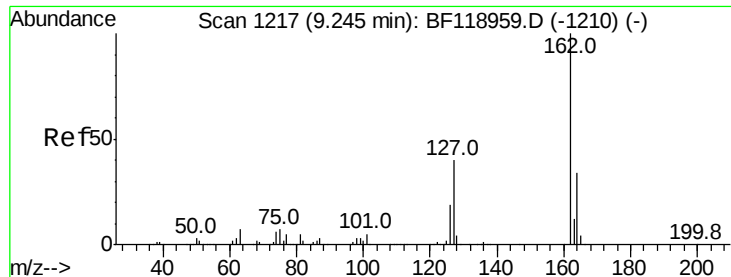
#46
1,1'-Biphenyl
Concen: 35.806 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:154 Resp: 725675
Ion Ratio Lower Upper
154 100
153 41.4 22.8 62.8
76 12.0 0.0 32.2



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

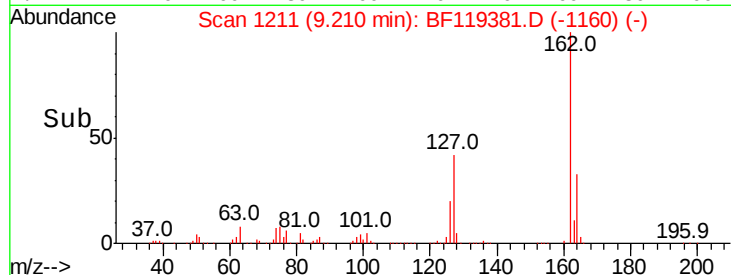
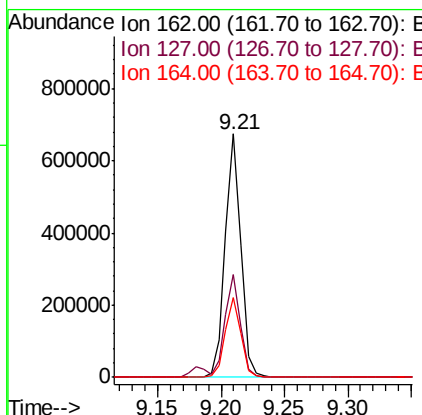
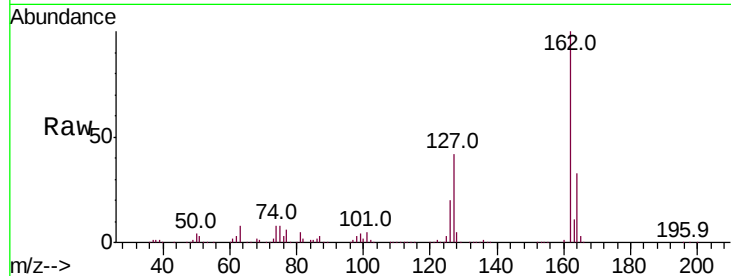




#47
 2-Chloronaphthalene
 Concen: 35.549 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

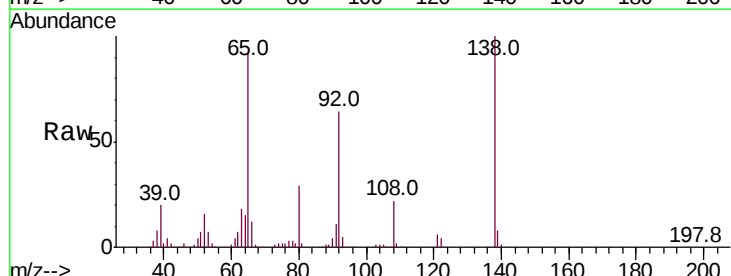
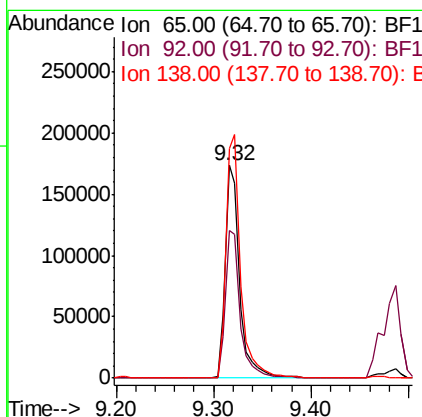
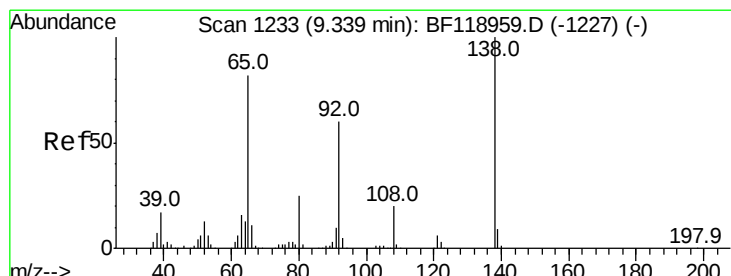
Instrument :
 BNA_F
 ClientSampleId :

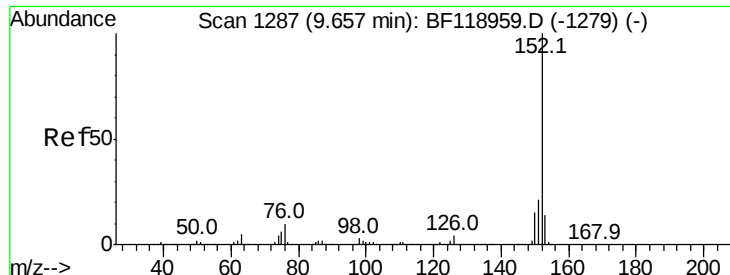
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	35.0	52.4
164	32.9	27.2	40.8



#48
 2-Nitroaniline
 Concen: 39.100 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	58.2	87.2
138	108.1	95.6	143.4





#49

Acenaphthylene

Concen: 34.700 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampleId :

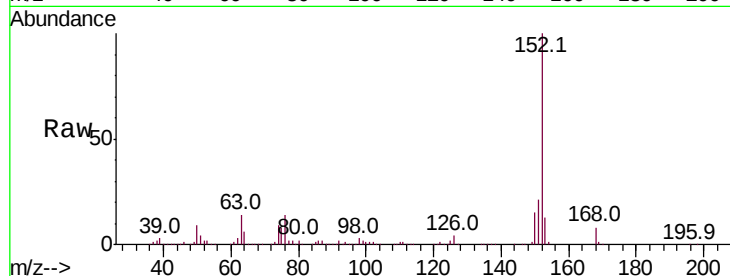
Tot Ion:152 Resp: 818515

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

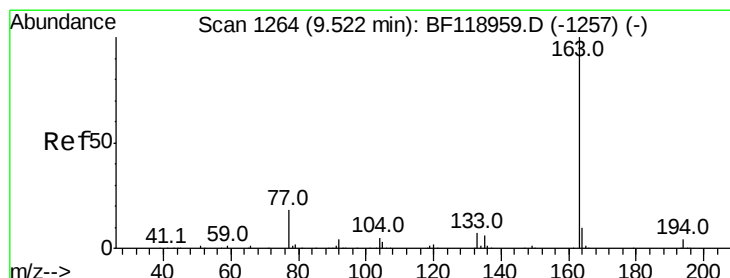
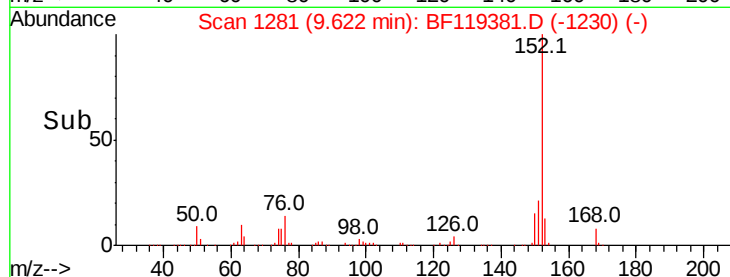
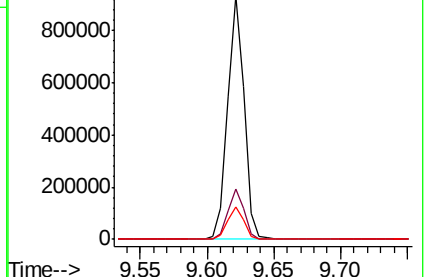
153 13.3 11.0 16.6



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: 34.255 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

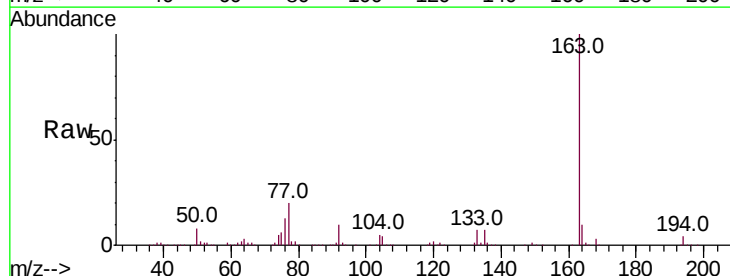
Tgt Ion:163 Resp: 656858

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

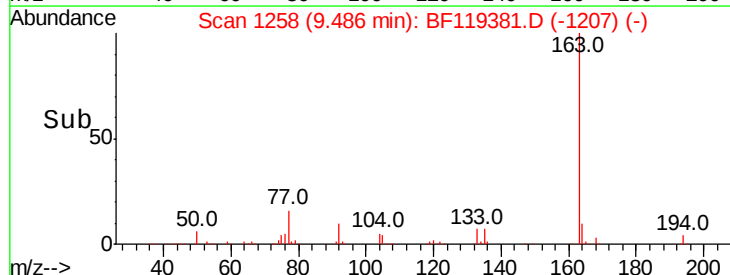
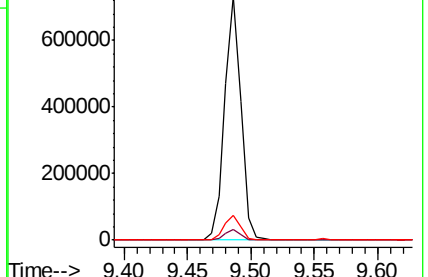
164 10.3 8.4 12.6

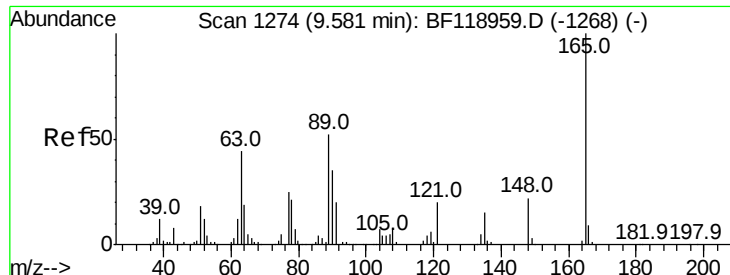


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

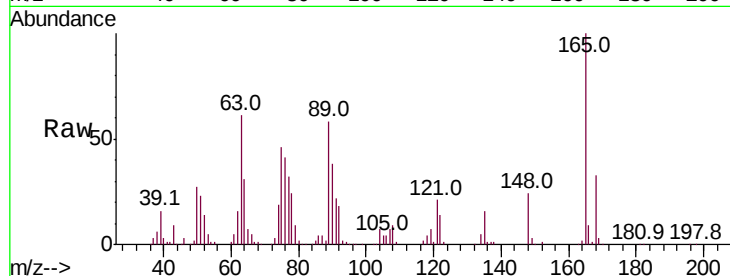




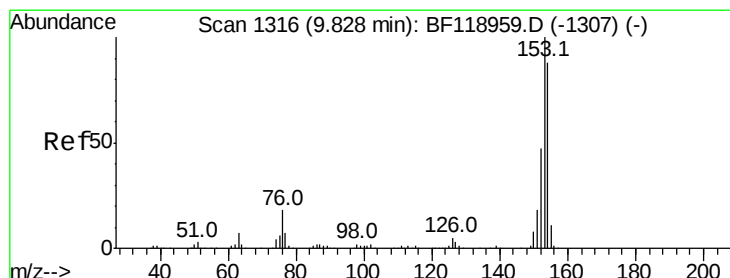
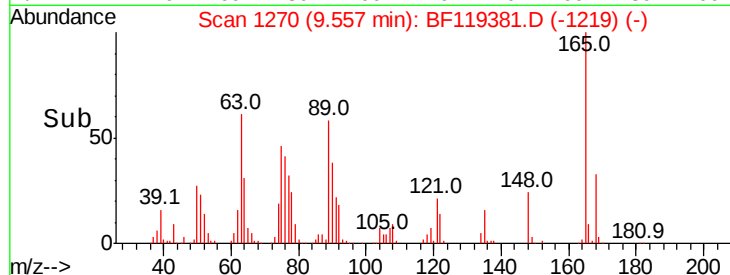
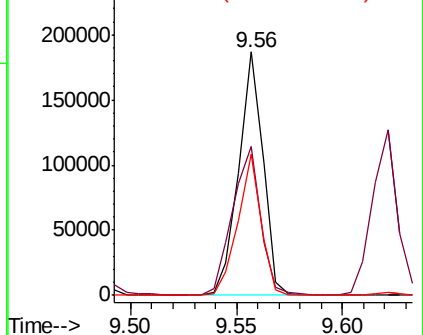
#51
 2,6-Dinitrotoluene
 Concen: 34.834 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 148400
 Ion Ratio Lower Upper
 165 100
 63 61.2 34.3 51.5#
 89 57.9 38.3 57.5#

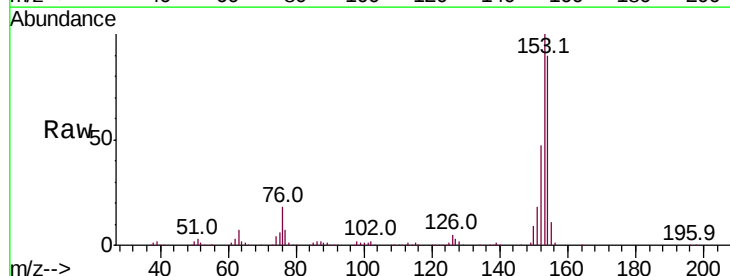


Abundance Ion 165.00 (164.70 to 165.70): E
 250000 Ion 63.00 (62.70 to 63.70): BF1
 200000 Ion 89.00 (88.70 to 89.70): BF1
 150000
 100000
 50000
 0

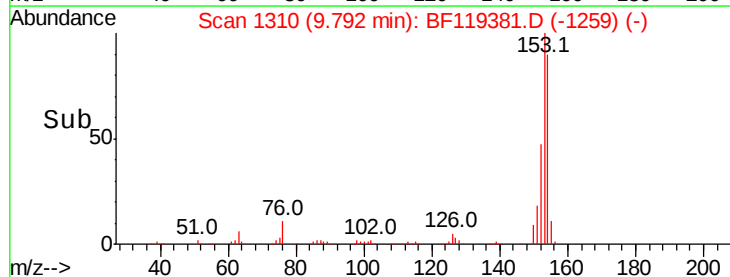
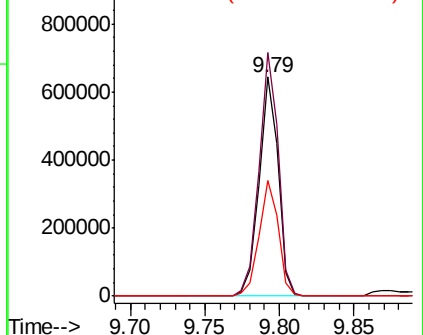


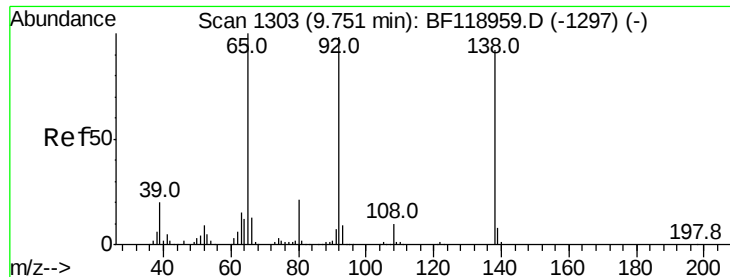
#52
 Acenaphthene
 Concen: 39.438 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Tgt Ion:154 Resp: 560938
 Ion Ratio Lower Upper
 154 100
 153 111.1 90.3 135.5
 152 52.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 1000000 Ion 153.00 (152.70 to 153.70): E
 800000 Ion 152.00 (151.70 to 152.70): E
 600000
 400000
 200000
 0

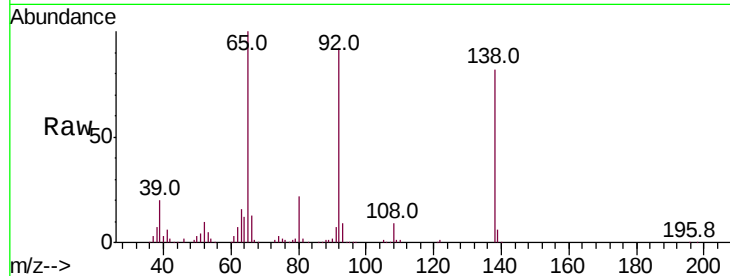




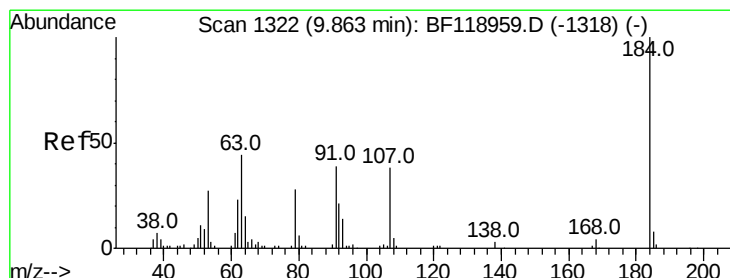
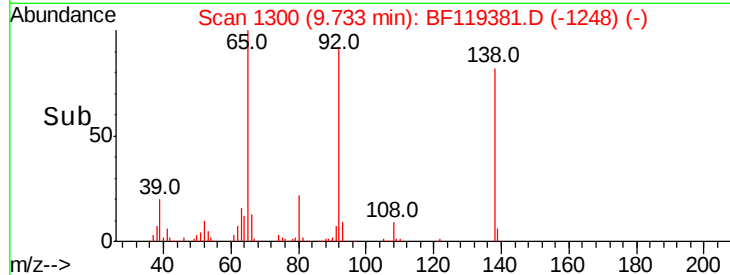
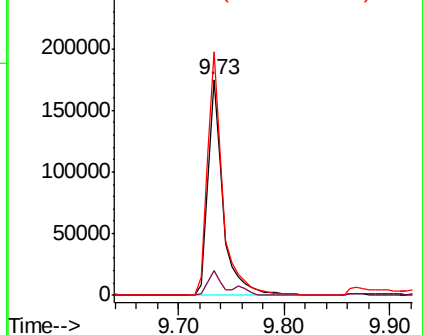
#53
3-Nitroaniline
Concen: 36.894 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 174252
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 112.7 84.8 127.2

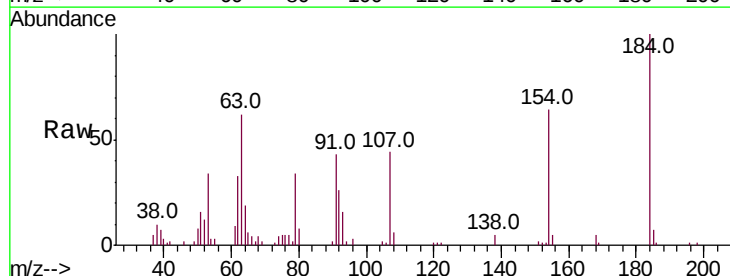


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

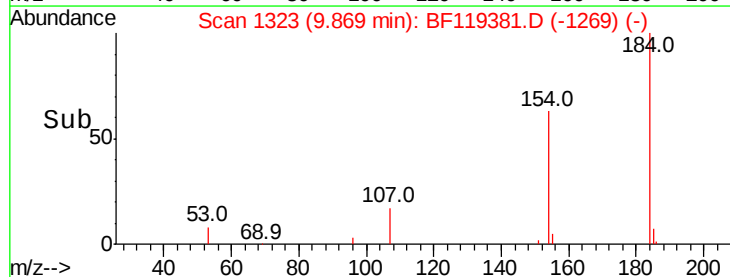
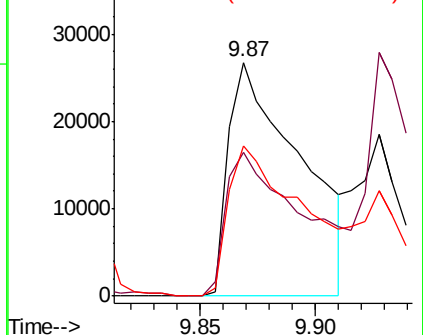


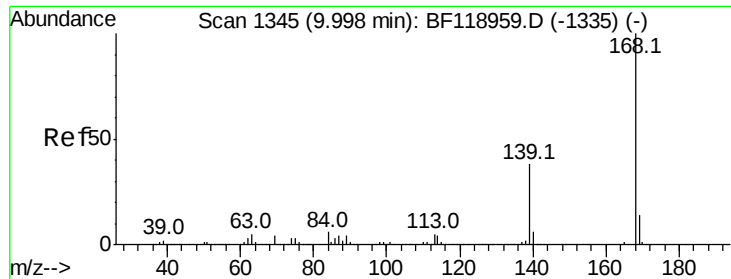
#54
2,4-Dinitrophenol
Concen: 32.642 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.02 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:184 Resp: 57480
Ion Ratio Lower Upper
184 100
63 61.7 38.7 58.1#
154 64.1 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

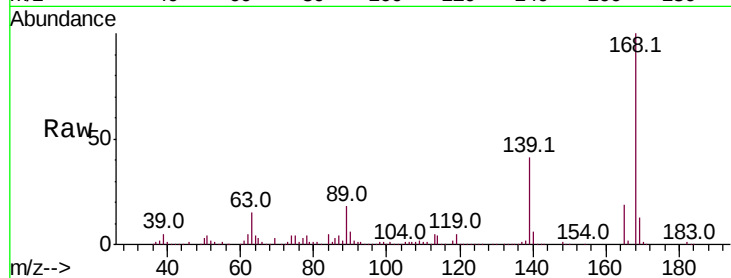




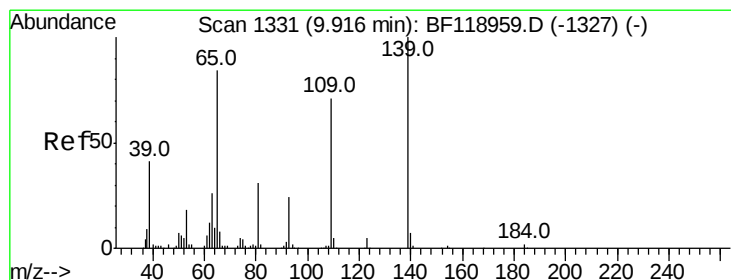
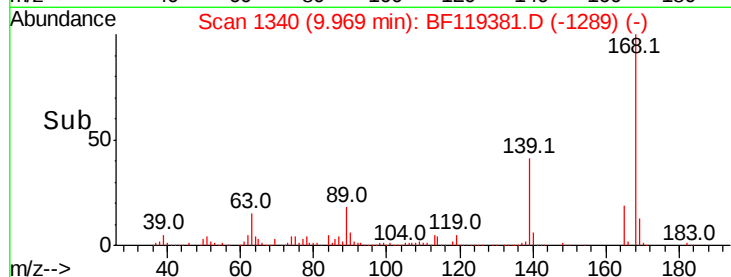
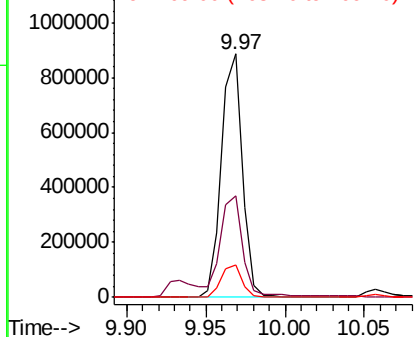
#55
Dibenzofuran
Concen: 38.148 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 809868
Ion Ratio Lower Upper
168 100
139 41.4 34.0 51.0
169 13.2 11.0 16.4

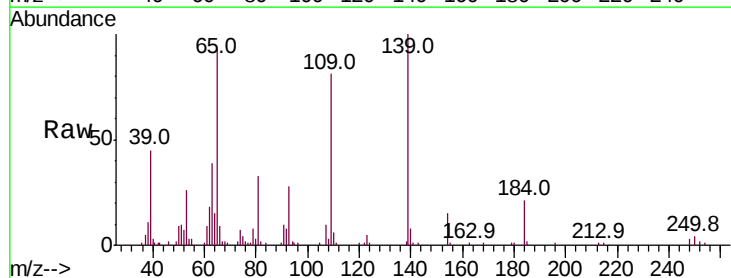


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

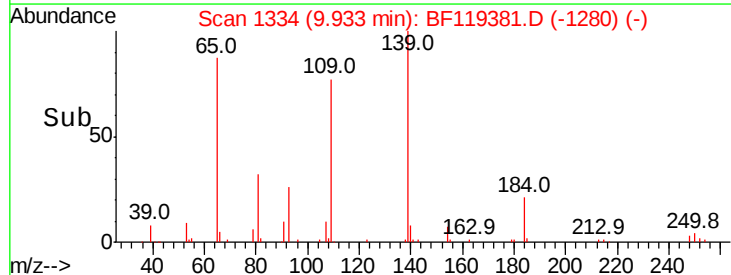
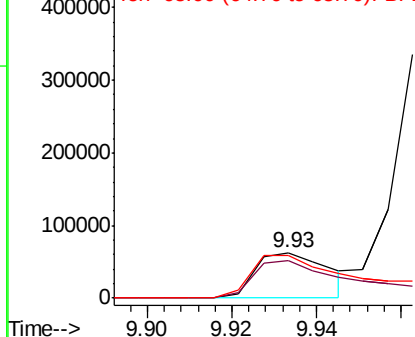


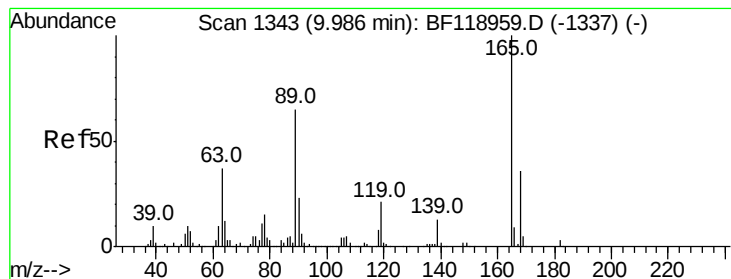
#56
4-Nitrophenol
Concen: 26.395 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:139 Resp: 74900
Ion Ratio Lower Upper
139 100
109 80.8 56.7 96.7
65 92.9 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

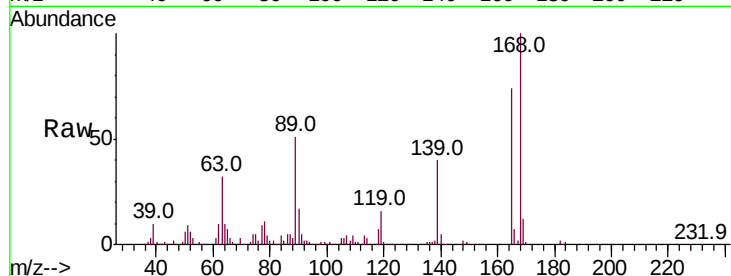




#57
 2,4-Dinitrotoluene
 Concen: 38.994 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	42.3	63.5
89	69.0	60.2	90.4
182	3.2	2.3	3.5



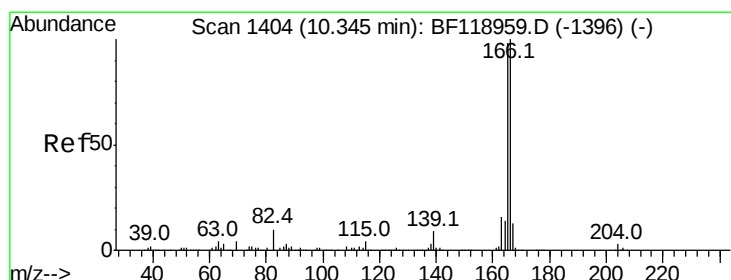
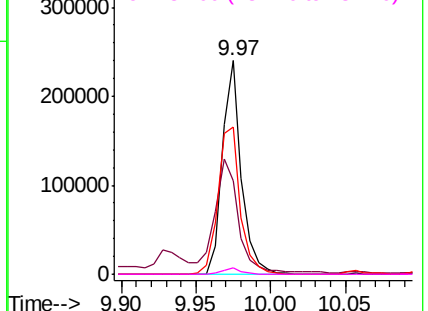
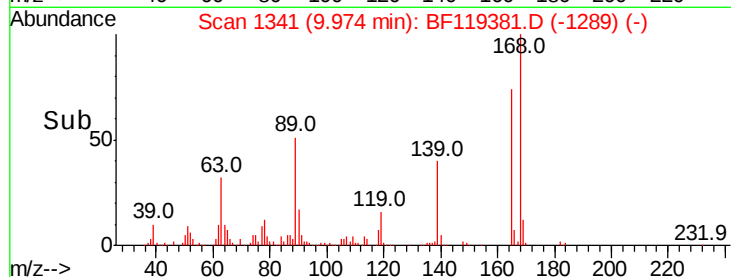
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

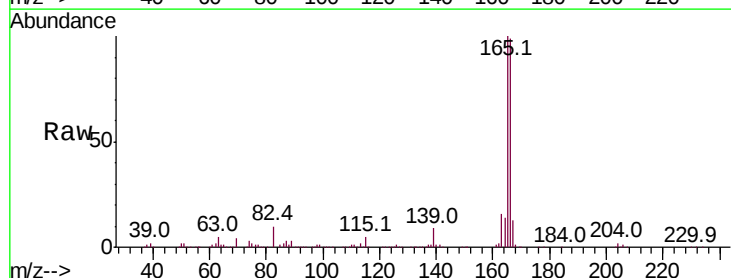
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 36.906 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.5	117.7
167	13.5	11.0	16.4

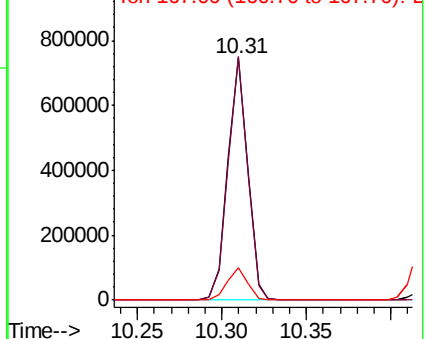
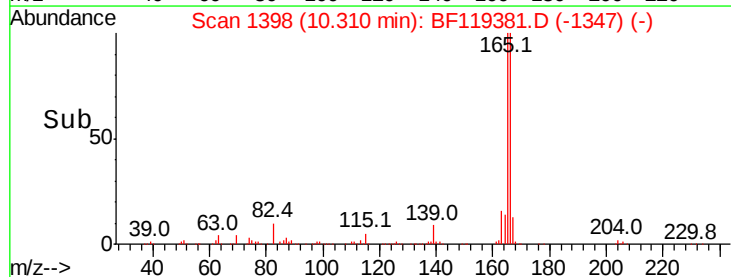


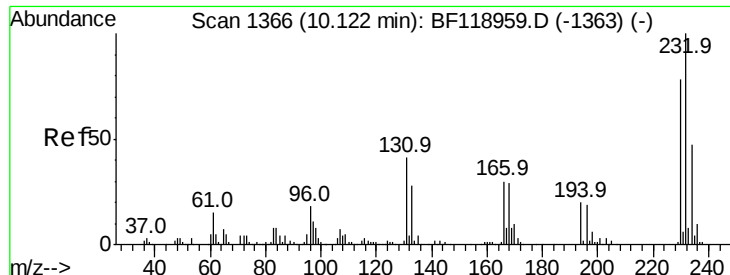
Abundance

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

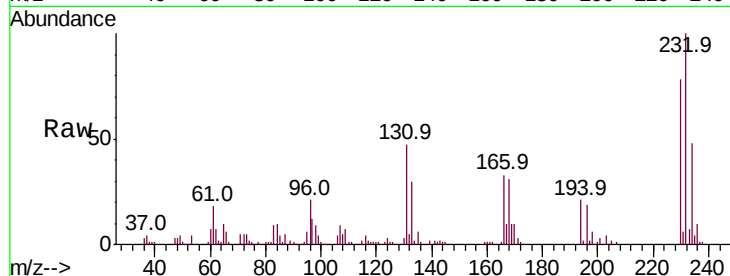




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.101 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.7	33.8	50.8
130	2.3	1.8	2.6
166	28.8	23.0	34.4



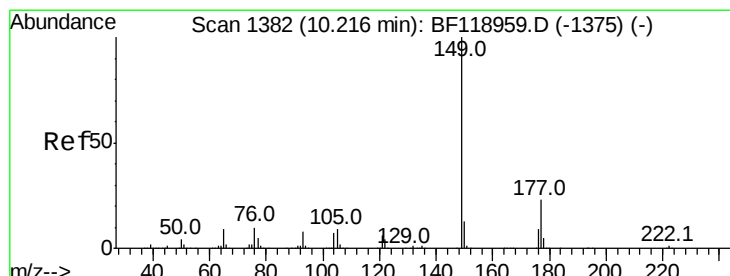
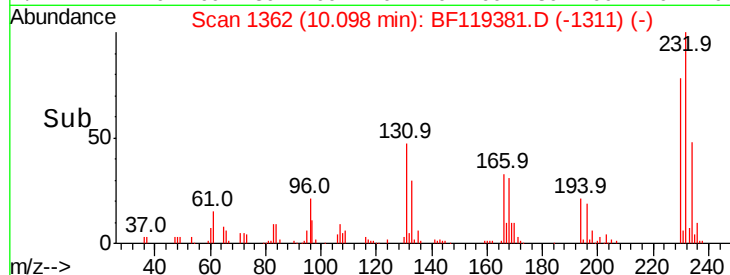
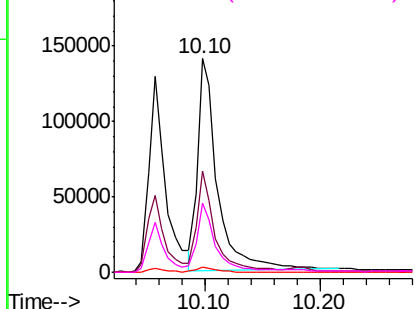
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

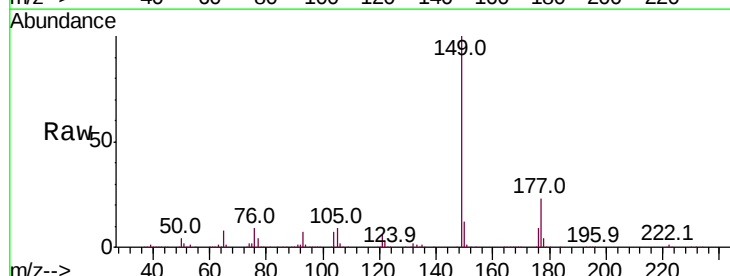
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.279 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.2	27.2
150	12.5	10.5	15.7

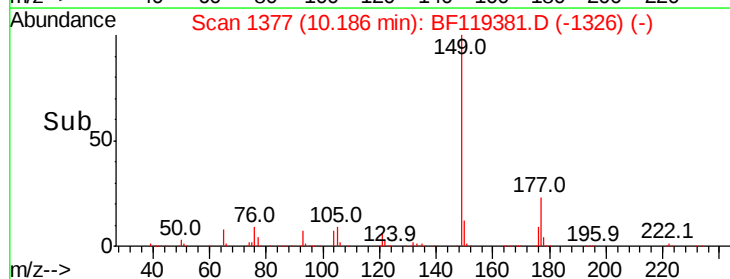
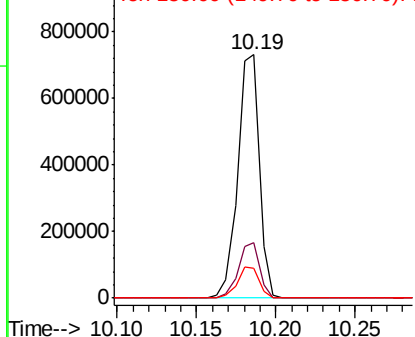


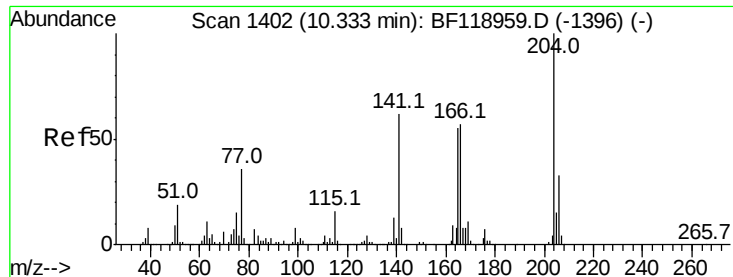
Abundance

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

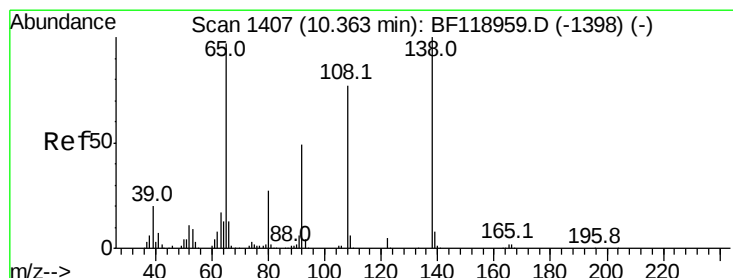
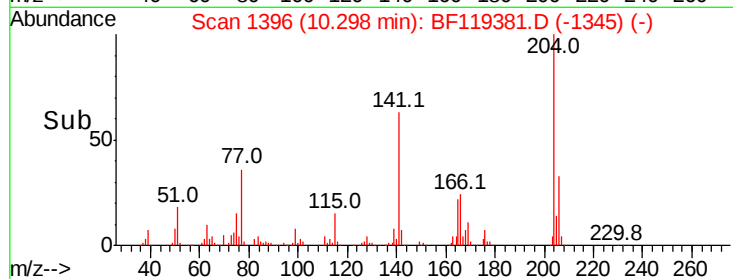
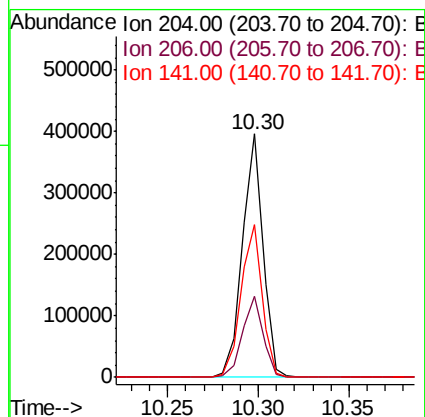
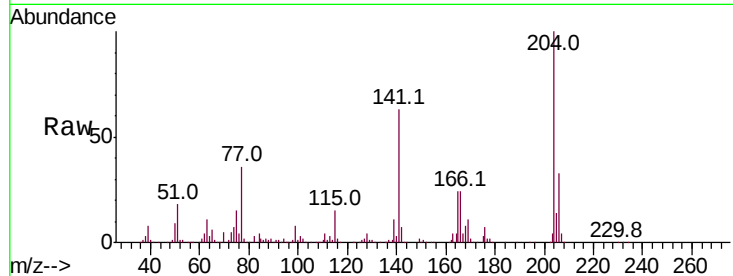




#61
 4-Chlorophenyl-phenylether
 Concen: 35.834 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

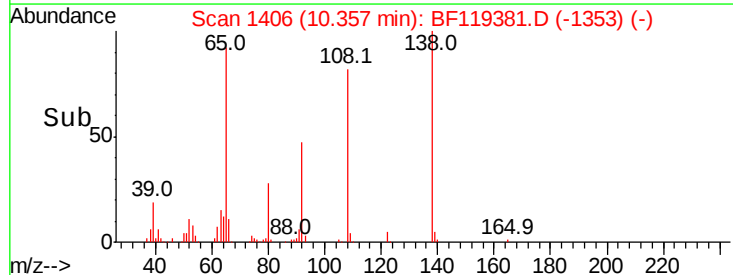
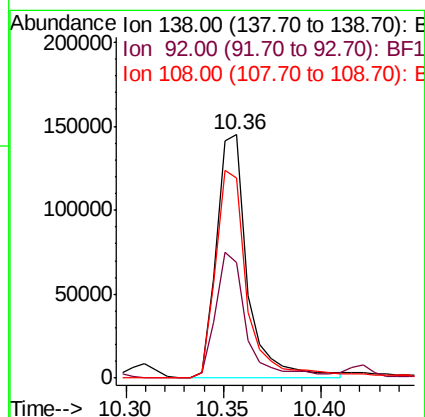
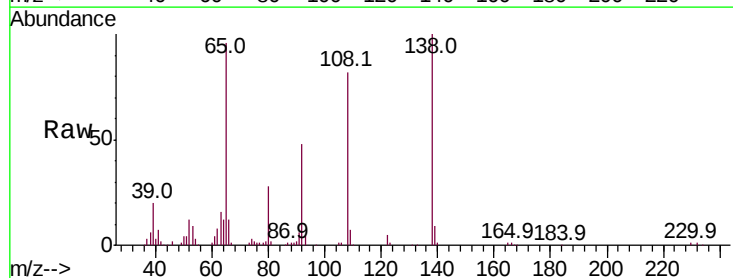
Instrument :
 BNA_F
 ClientSampled :

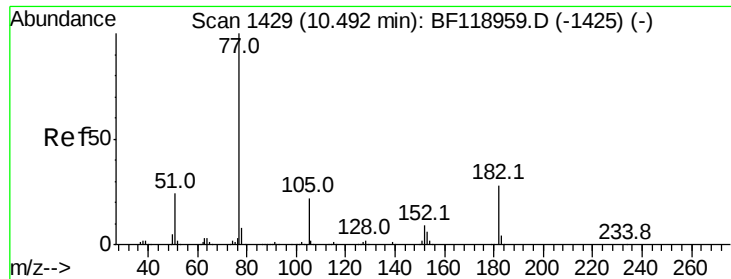
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.1	40.7
141	62.9	52.9	79.3



#62
 4-Nitroaniline
 Concen: 33.356 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	27.3	67.3
108	82.2	57.0	97.0

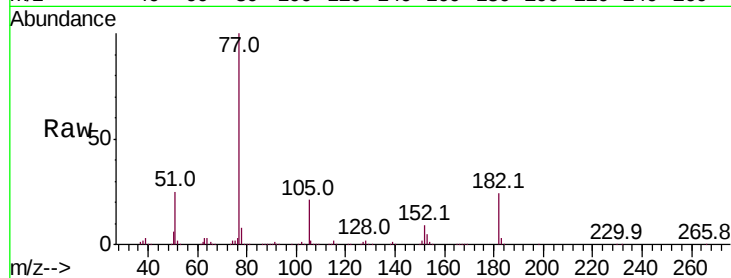




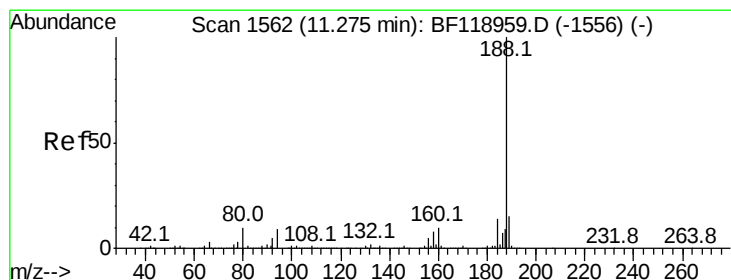
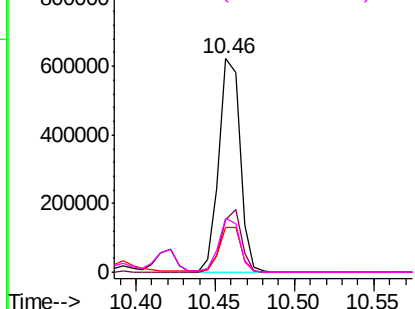
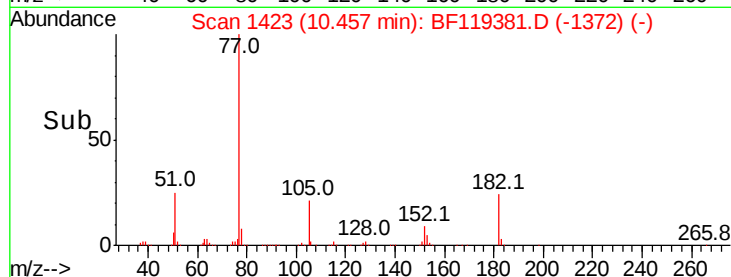
#63
Azobenzene
Concen: 36.907 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 579709
Ion Ratio Lower Upper
77 100
182 24.4 11.4 51.4
105 21.0 3.4 43.4
51 24.9 5.1 45.1

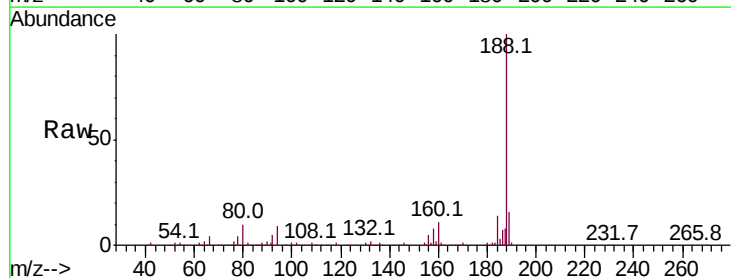


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

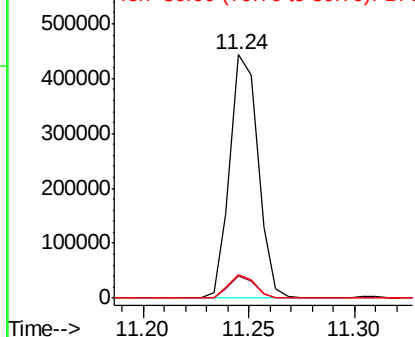
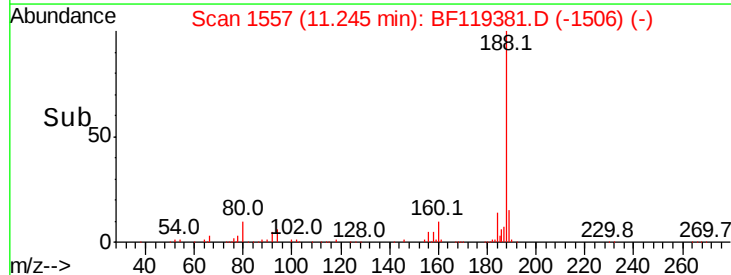


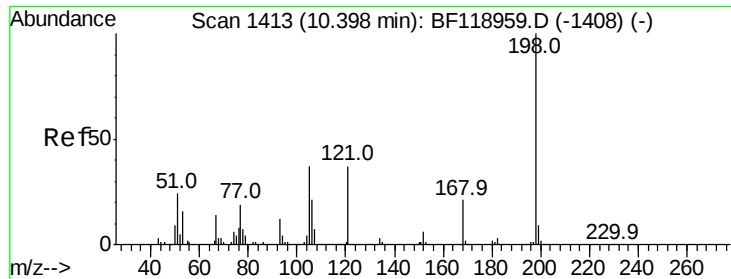
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion: 188 Resp: 411910
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.9 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

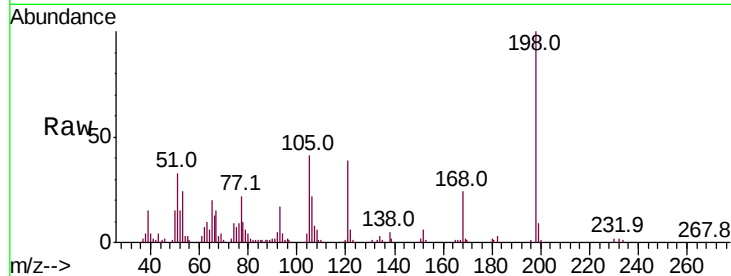




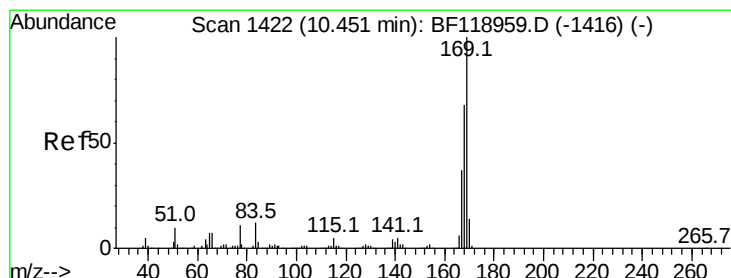
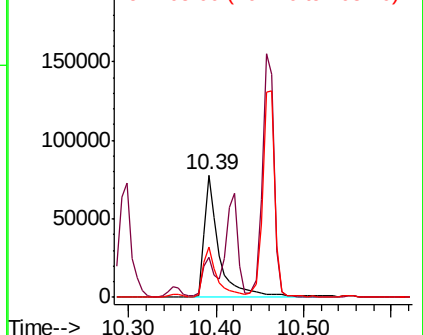
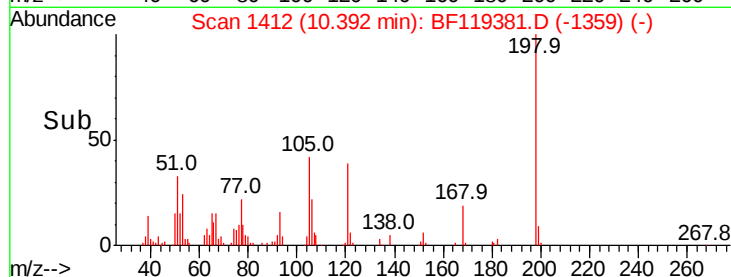
#65
4,6-Dinitro-2-methylphenol
Concen: 38.006 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 94730
Ion Ratio Lower Upper
198 100
51 33.0 14.2 54.2
105 41.1 22.7 62.7

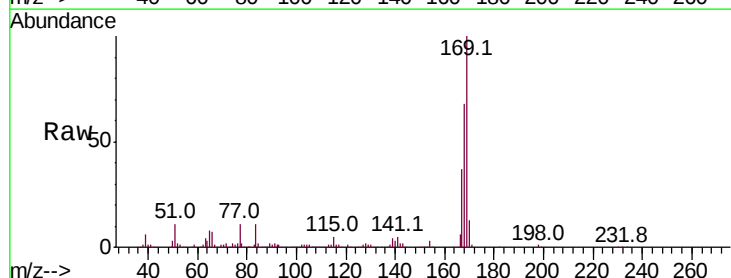


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

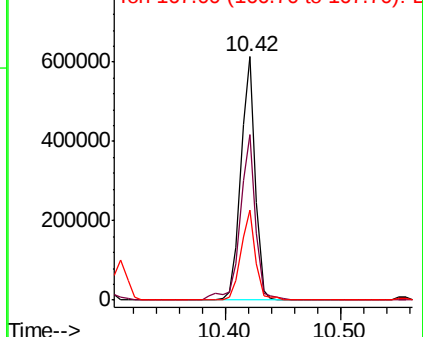
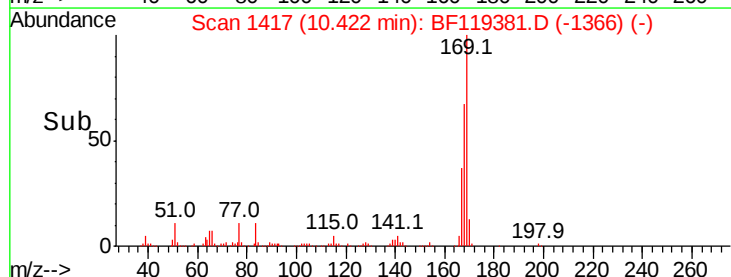


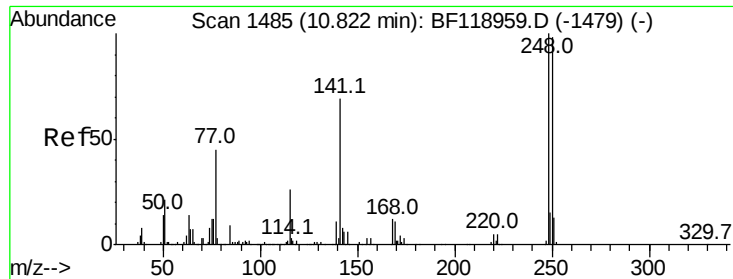
#66
n-Nitrosodiphenylamine
Concen: 39.214 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:169 Resp: 528901
Ion Ratio Lower Upper
169 100
168 68.2 54.1 81.1
167 36.9 29.4 44.0



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

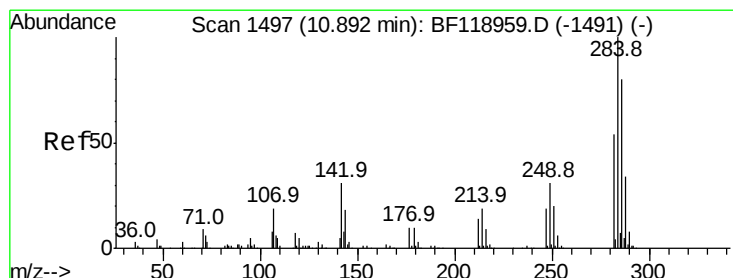
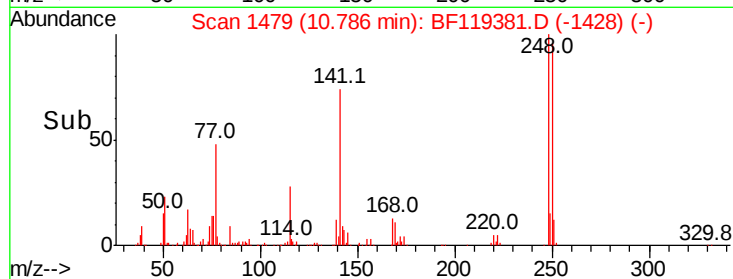
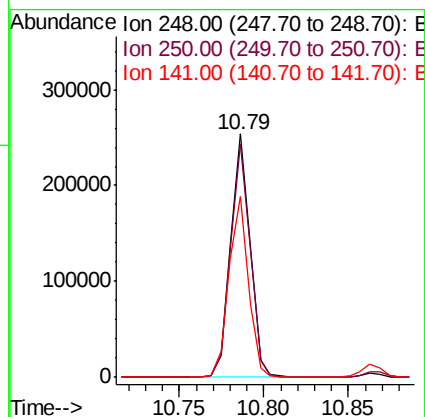
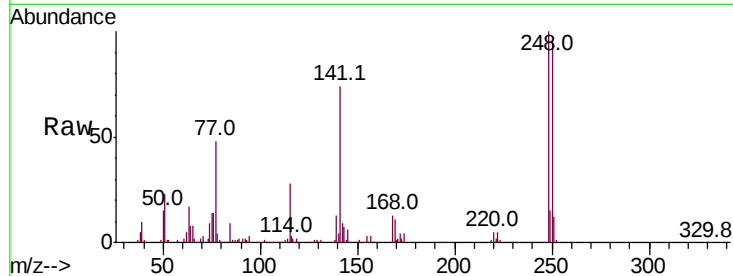




#67
4-Bromophenyl-phenylether
Concen: 37.591 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

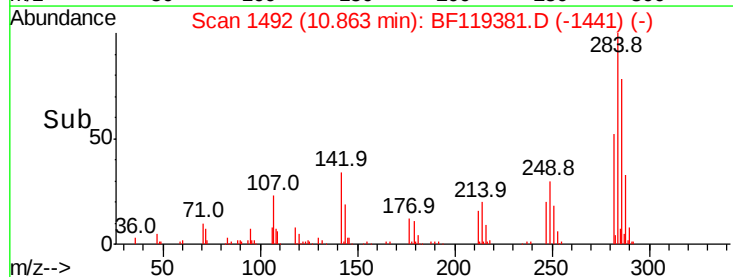
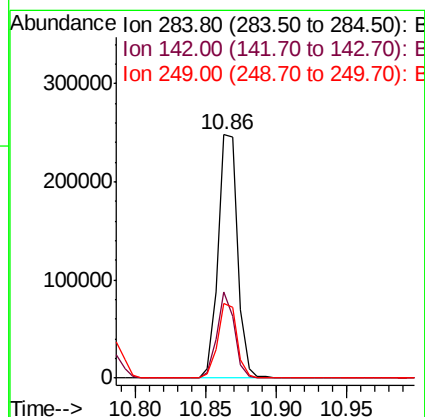
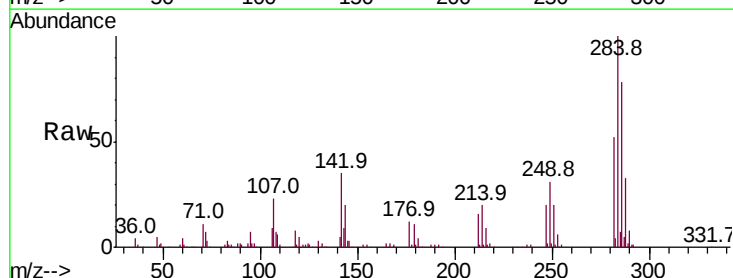
Instrument :
BNA_F
ClientSampleId :

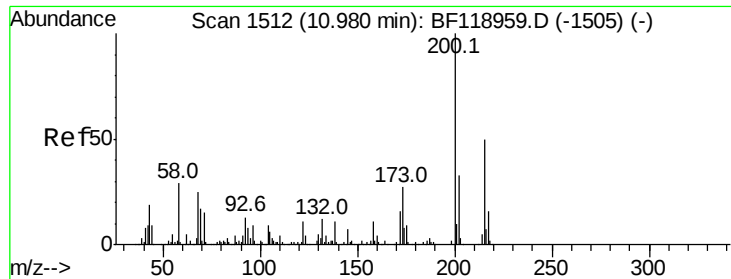
Tot Ion:248 Resp: 202398
Ion Ratio Lower Upper
248 100
250 95.7 76.7 115.1
141 74.2 60.7 91.1



#68
Hexachlorobenzene
Concen: 38.516 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:284 Resp: 239094
Ion Ratio Lower Upper
284 100
142 35.5 23.7 35.5
249 30.8 25.0 37.6

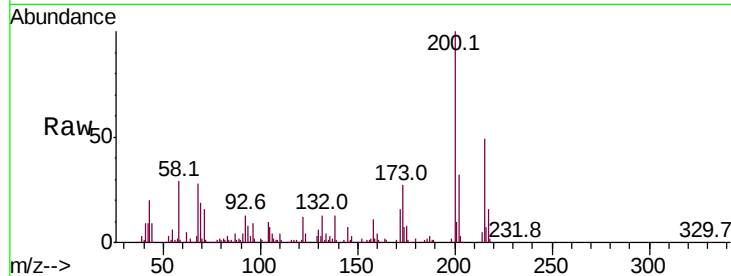




#69
Atrazine
Concen: 33.519 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.4	46.4
215	48.7	27.4	67.4

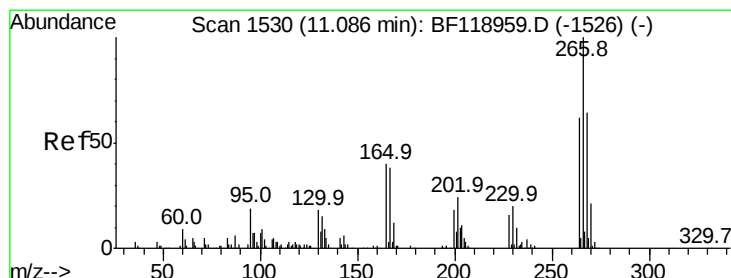
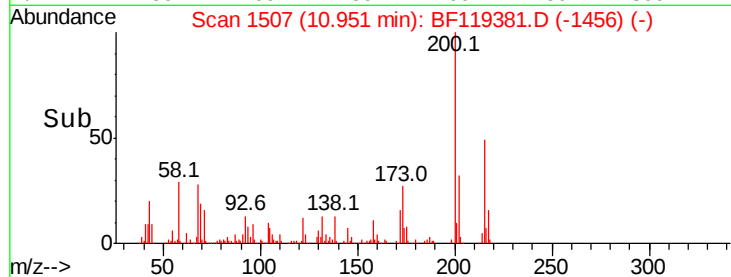
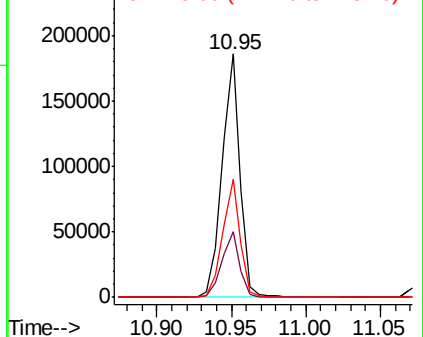


Abundance

Ion 200.00 (199.70 to 200.70): E

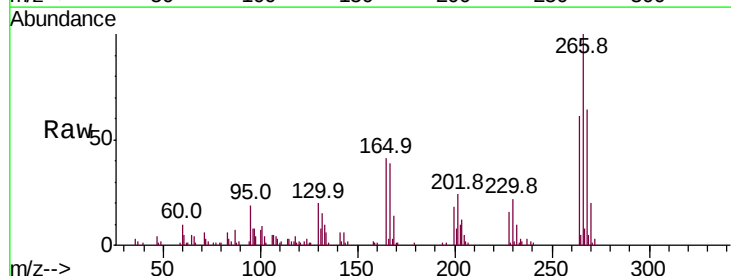
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 30.541 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.9	77.9
264	60.6	51.0	76.4

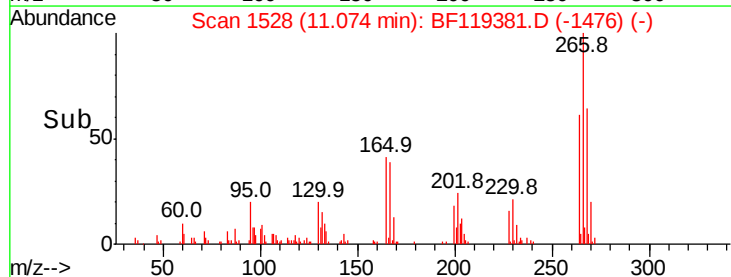
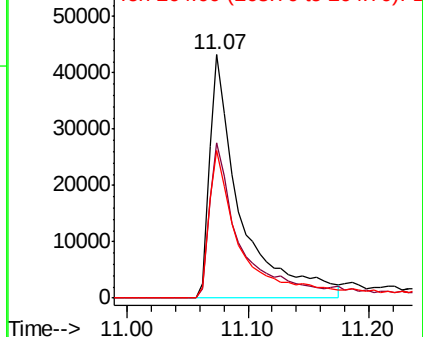


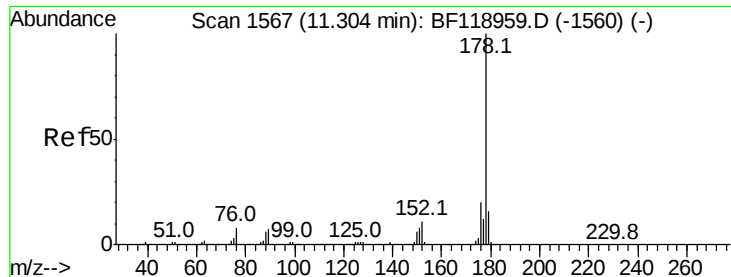
Abundance

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: 40.231 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampleId :

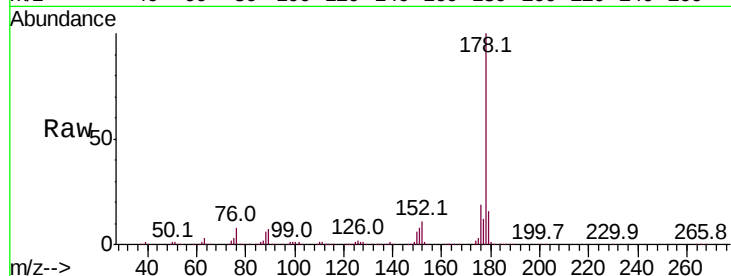
Tot Ion:178 Resp: 903726

Ion Ratio Lower Upper

178 100

176 19.3 16.5 24.7

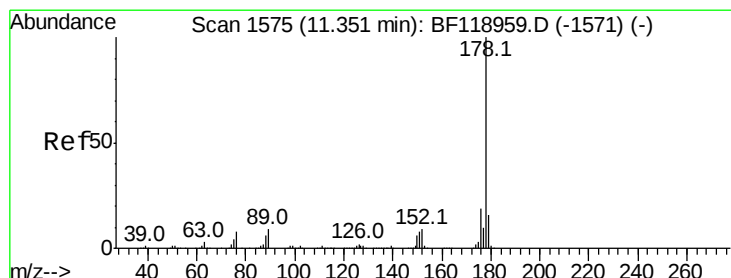
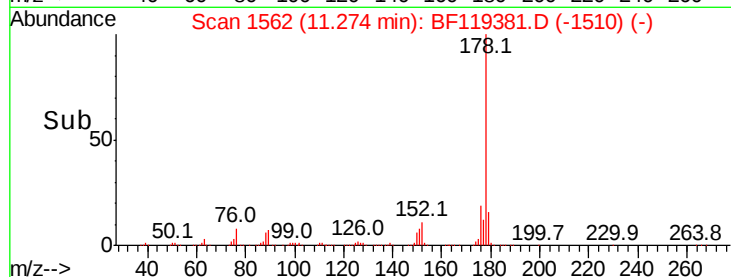
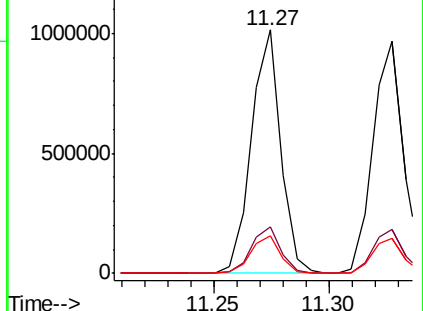
179 15.5 13.0 19.6



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: 40.303 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

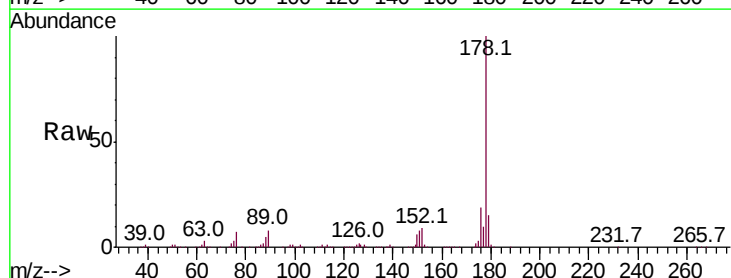
Tgt Ion:178 Resp: 904602

Ion Ratio Lower Upper

178 100

176 18.8 16.0 24.0

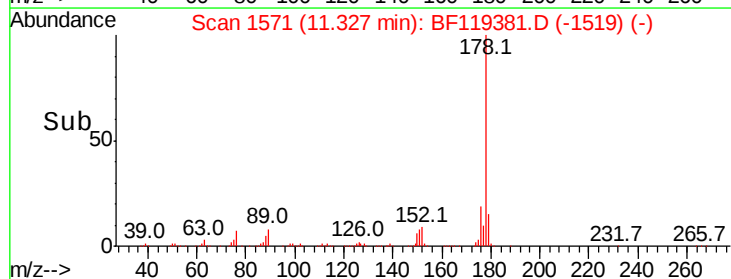
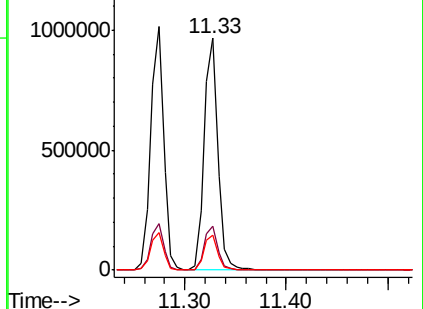
179 15.3 13.1 19.7

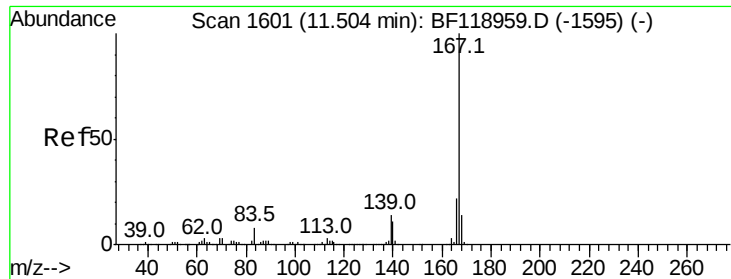


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

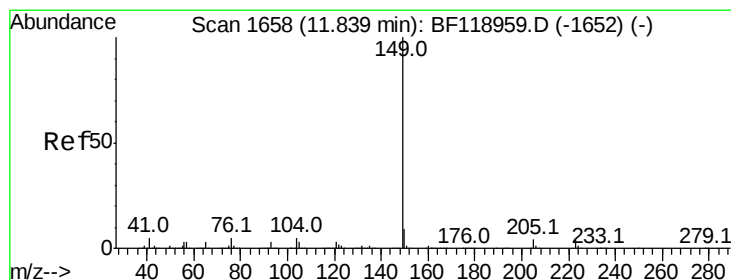
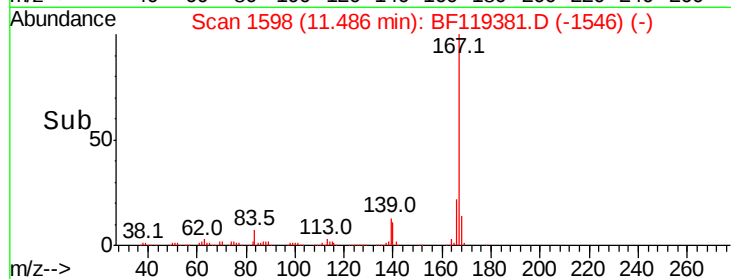
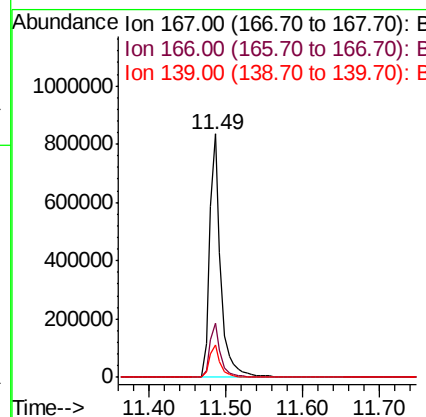
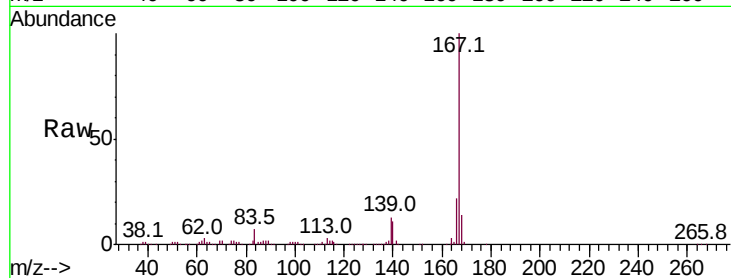




#73
 Carbazole
 Concen: 41.279 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

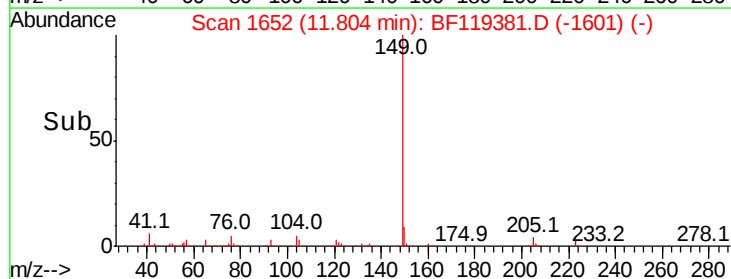
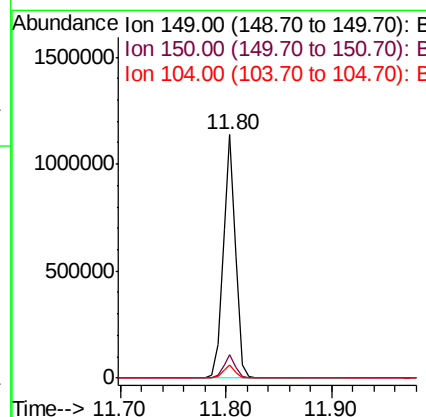
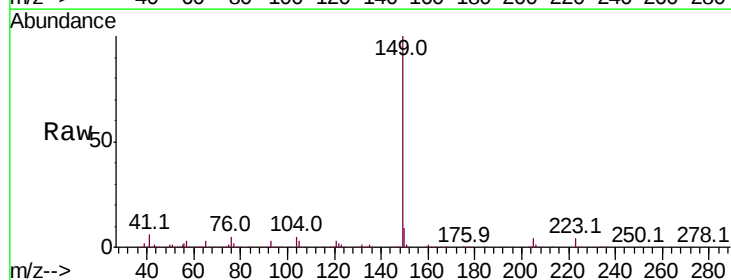
Instrument :
 BNA_F
 ClientSampleId :

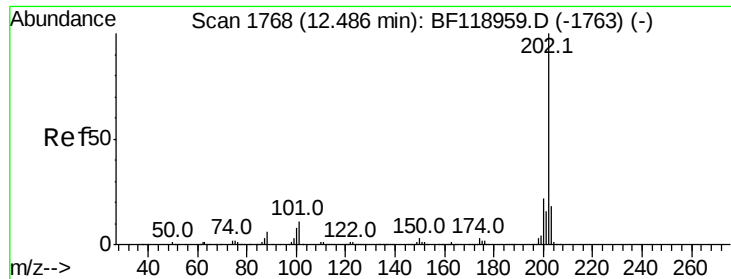
Tot Ion:167 Resp: 825398
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 13.4 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 38.692 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119381.D
 Acq: 12 Mar 2020 14:59

Tgt Ion:149 Resp: 936931
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.9 11.9
 104 5.4 4.6 6.8





#75

Fluoranthene

Concen: 44.265 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampled :

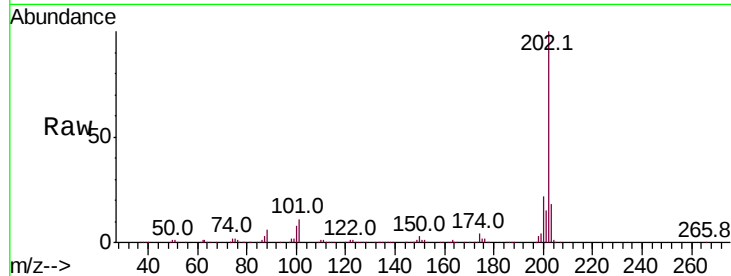
Tot Ion:202 Resp: 1055477

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.3

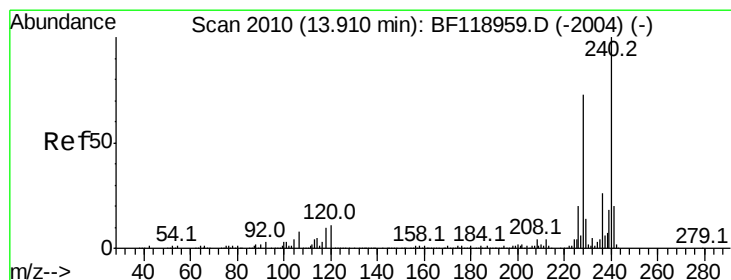
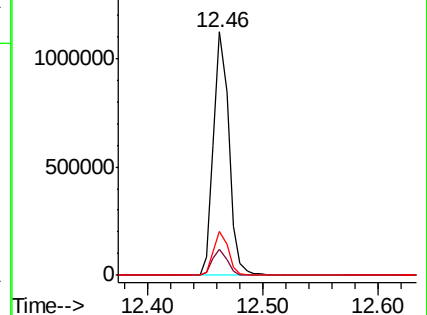
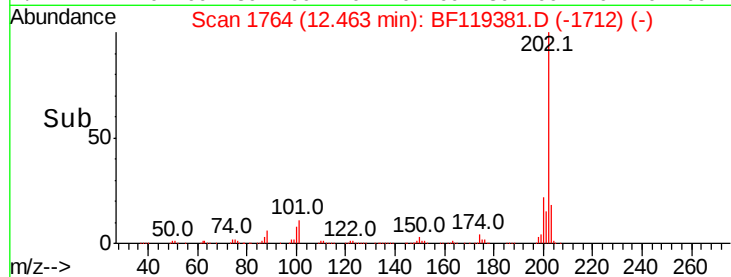
203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

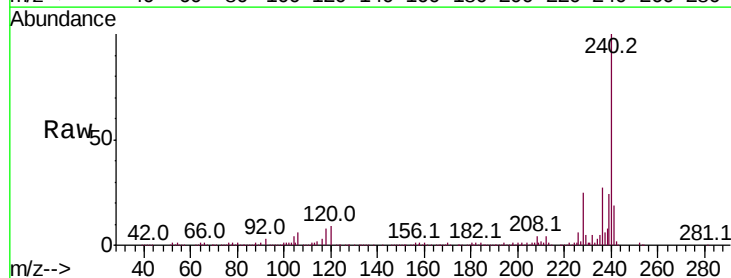
Tgt Ion:240 Resp: 319008

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

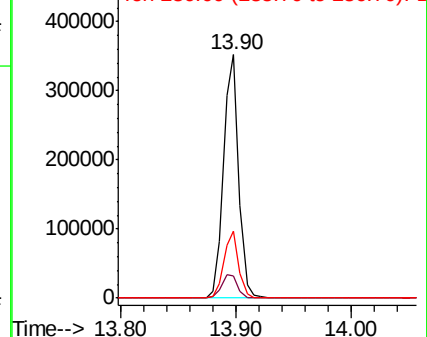
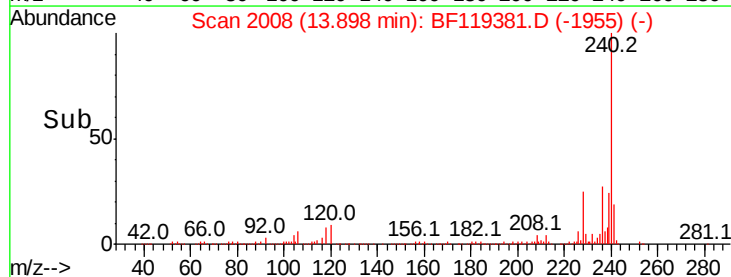
236 27.3 21.0 31.4

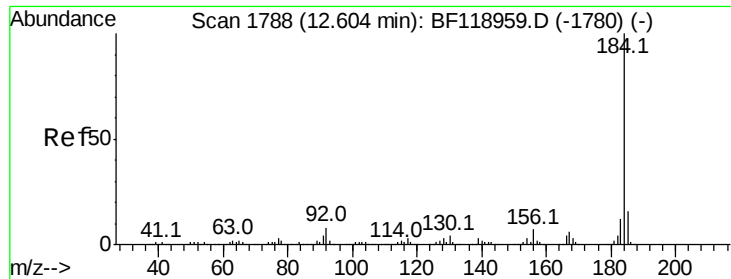


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

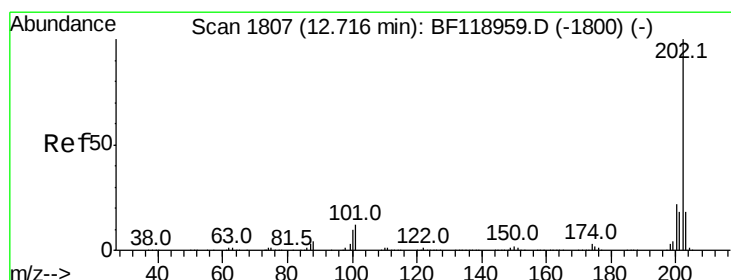
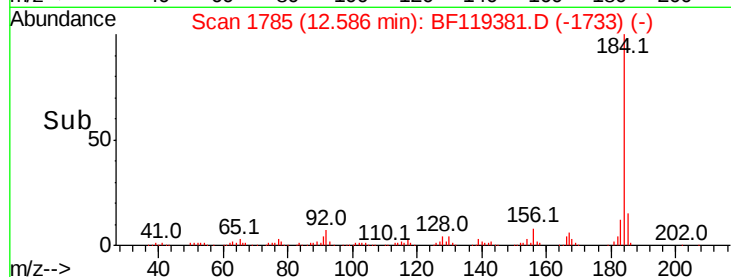
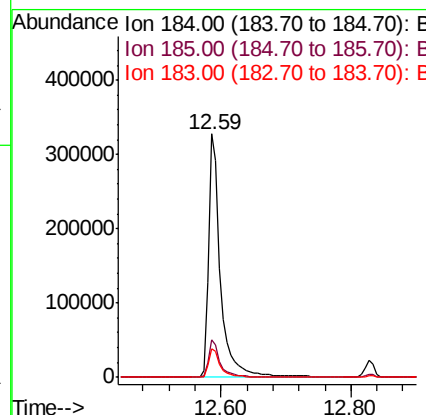
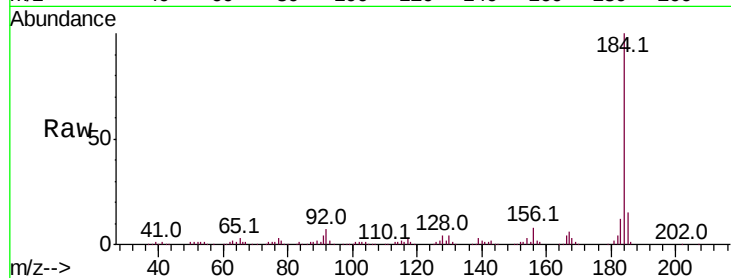




#77
Benzidine
Concen: 32.134 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

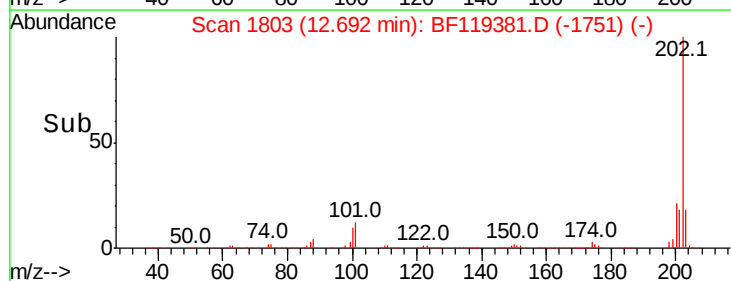
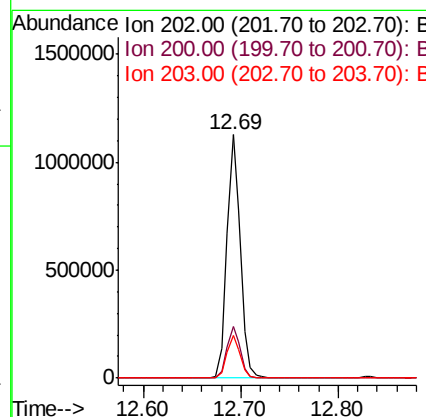
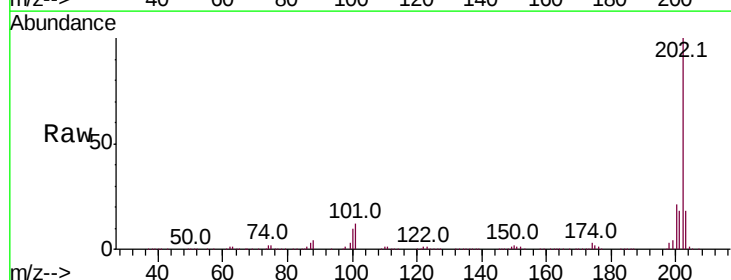
Instrument :
BNA_F
ClientSampleId :

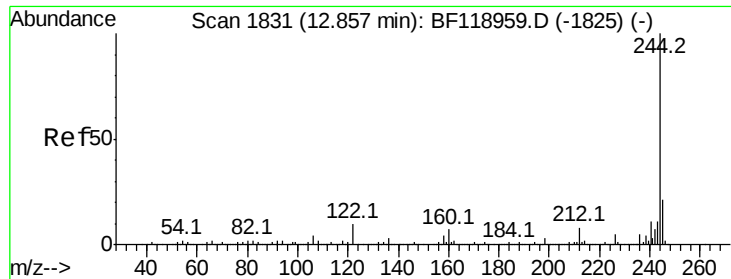
Tot Ion:184 Resp: 416895
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.4
183 11.8 9.9 14.9



#78
Pyrene
Concen: 41.759 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:202 Resp: 1069699
Ion Ratio Lower Upper
202 100
200 21.3 18.0 27.0
203 17.6 14.6 22.0





#79

Terphenyl-d14

Concen: 82.842 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampleId :

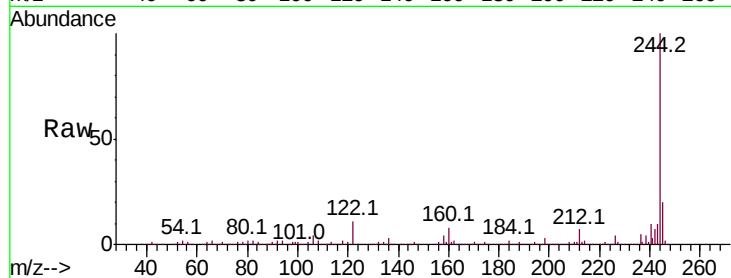
Tot Ion:244 Resp: 1534979

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

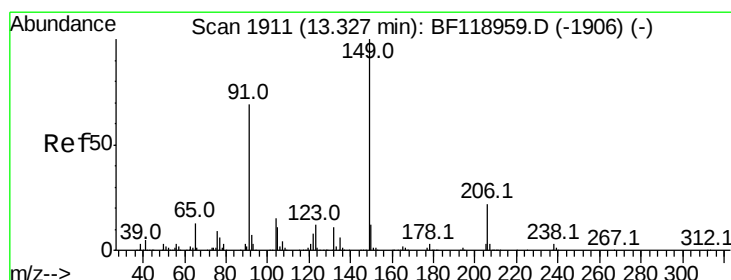
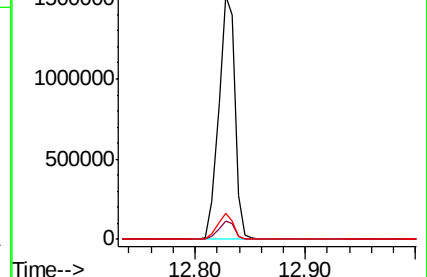
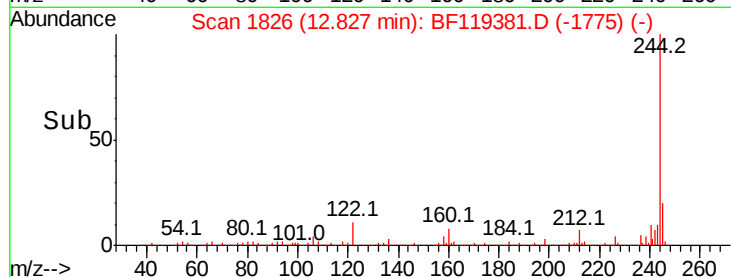
122 10.6 8.2 12.2



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: 38.937 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

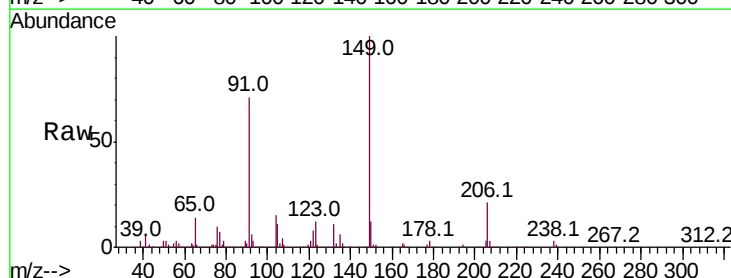
Tgt Ion:149 Resp: 419780

Ion Ratio Lower Upper

149 100

91 70.8 52.3 78.5

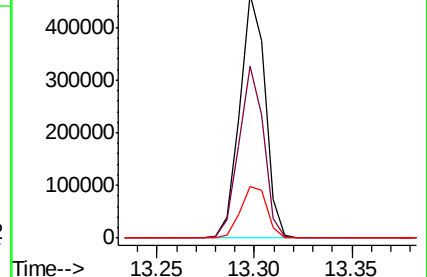
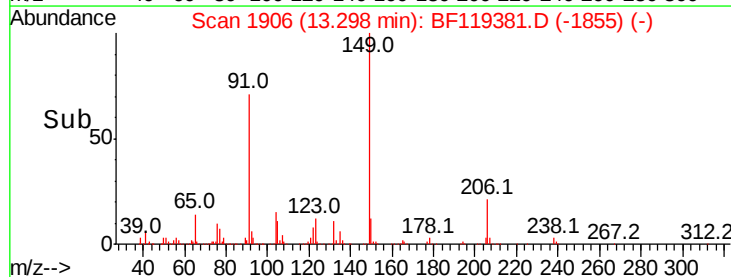
206 21.4 18.5 27.7

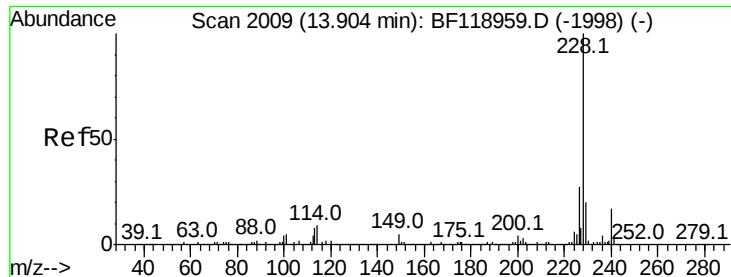


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

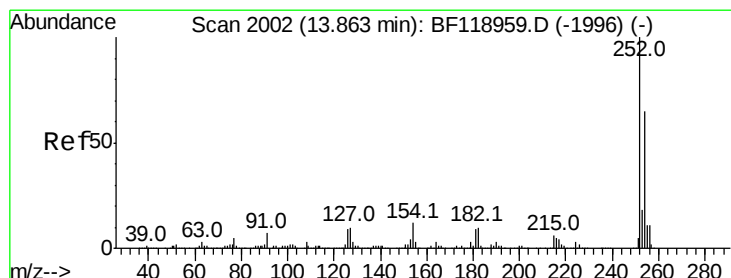
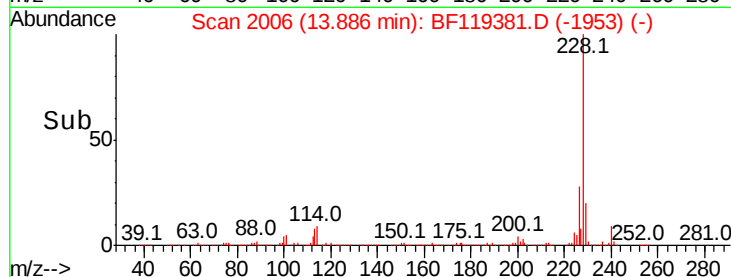
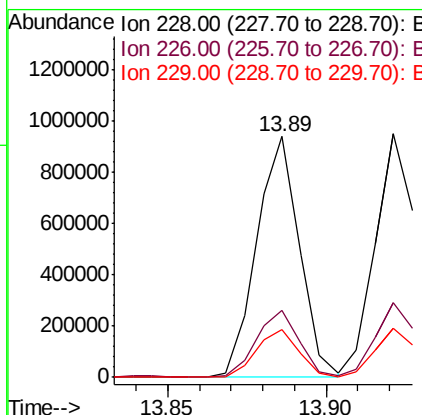
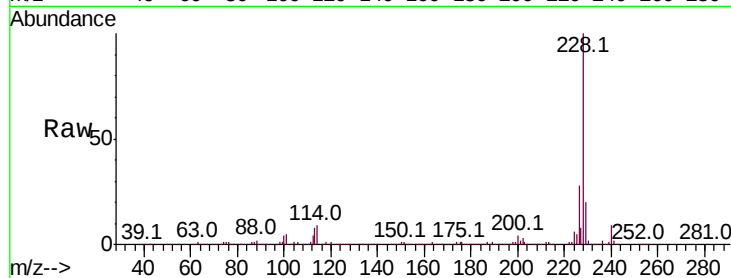




#81
Benzo(a)anthracene
Concen: 40.560 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

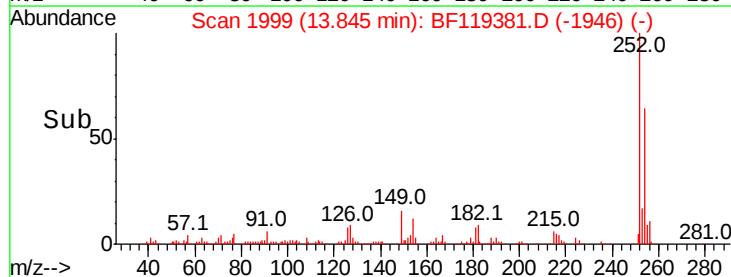
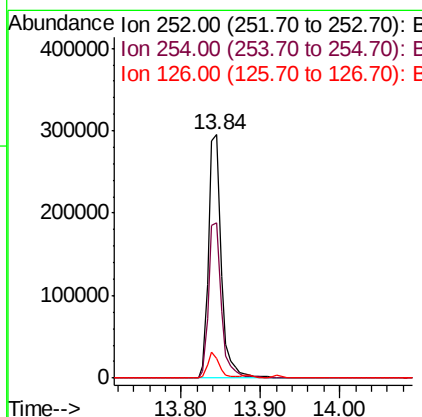
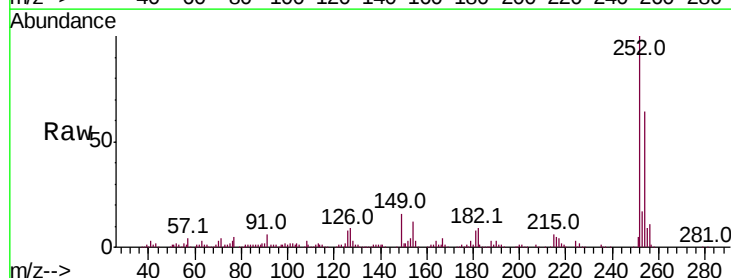
Instrument :
BNA_F
ClientSampleId :

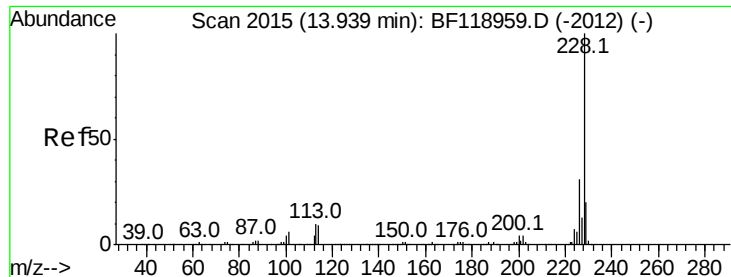
Tot Ion:228 Resp: 881616
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.9 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 39.347 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:252 Resp: 332097
Ion Ratio Lower Upper
252 100
254 64.0 51.6 77.4
126 8.3 7.4 11.0





#83

Chrysene

Concen: 39.996 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampleId :

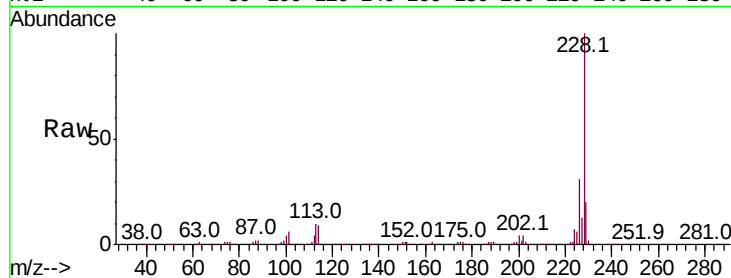
Tot Ion:228 Resp: 866241

Ion Ratio Lower Upper

228 100

226 30.5 25.1 37.7

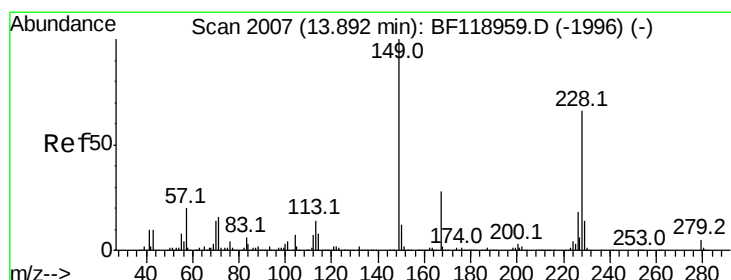
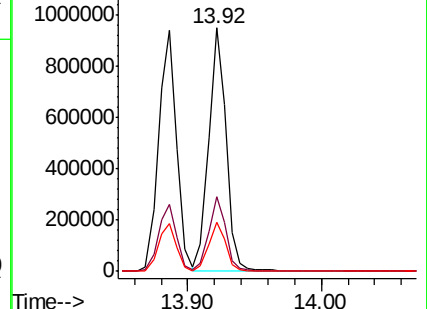
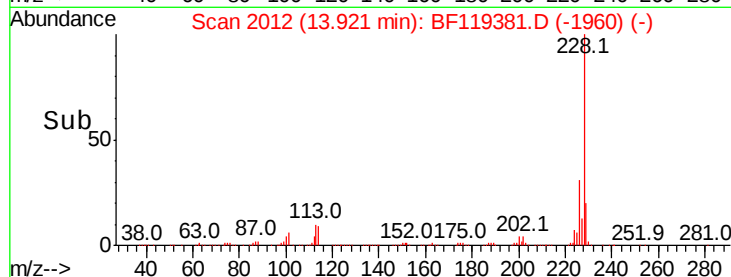
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.633 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

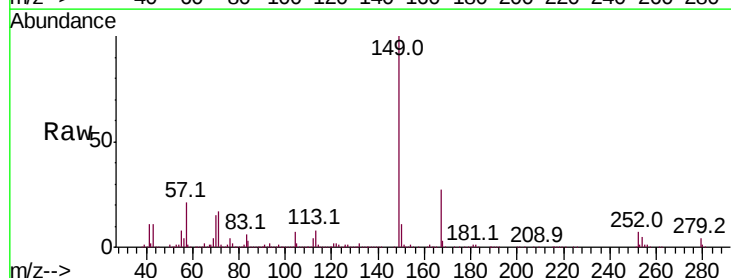
Tgt Ion:149 Resp: 512577

Ion Ratio Lower Upper

149 100

167 27.2 22.8 34.2

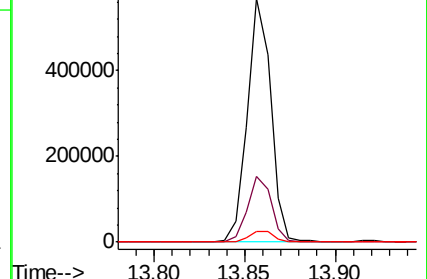
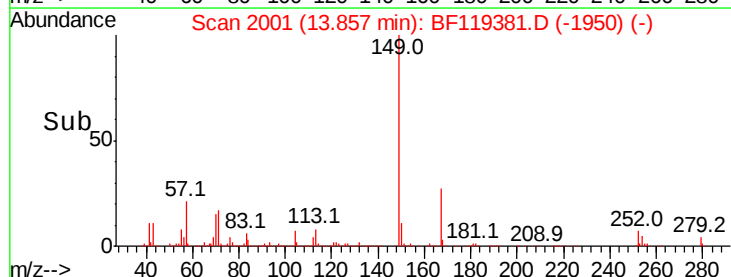
279 4.5 4.6 6.8#

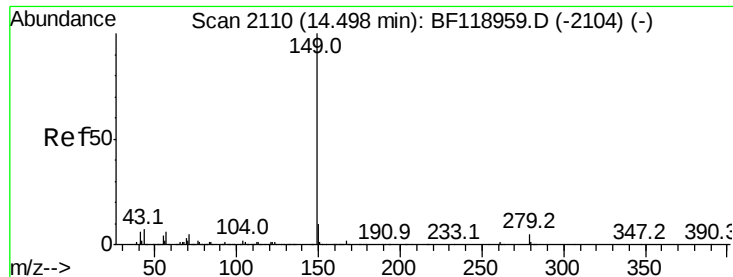


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.733 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampleId :

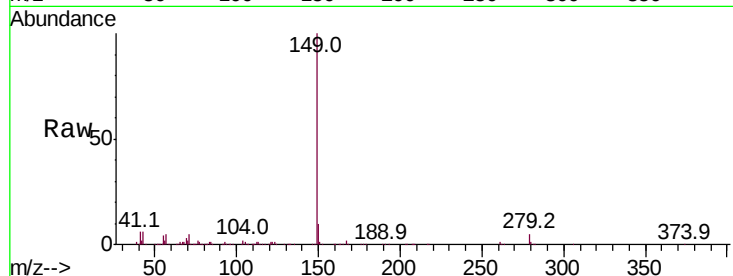
Tot Ion:149 Resp: 732055

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

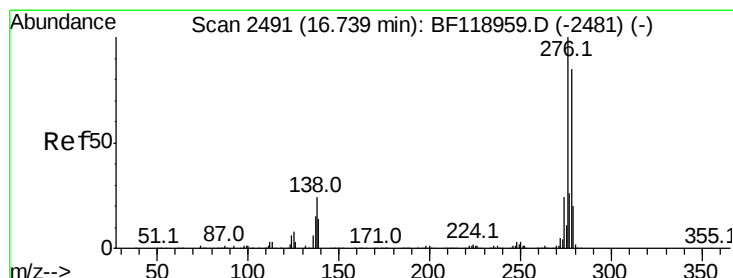
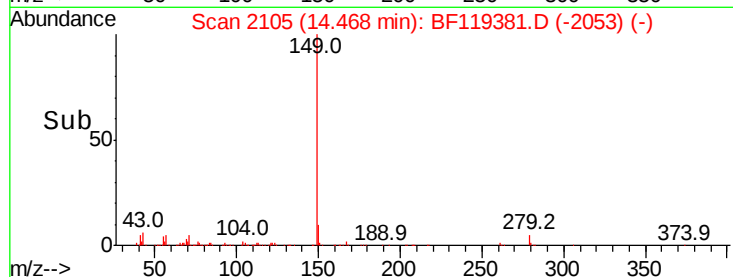
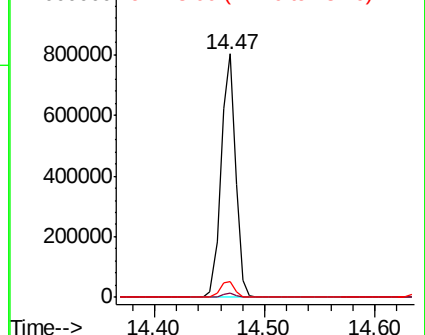
43 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 29.591 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.04 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

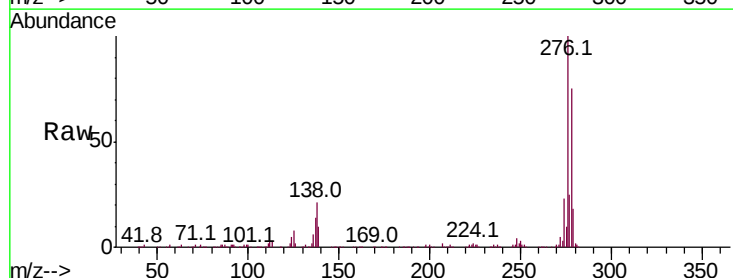
Tgt Ion:276 Resp: 620547

Ion Ratio Lower Upper

276 100

138 21.0 17.4 26.0

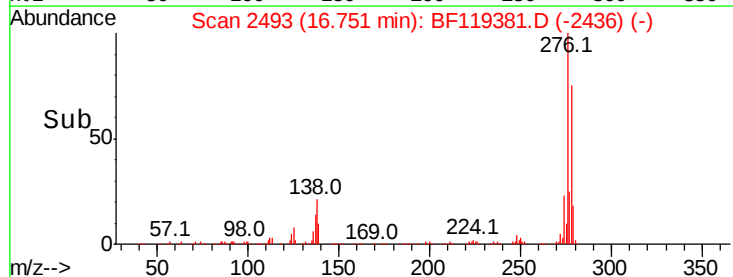
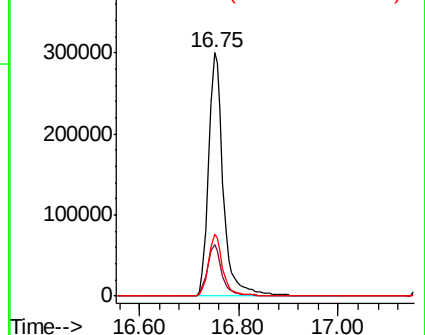
277 25.2 20.3 30.5

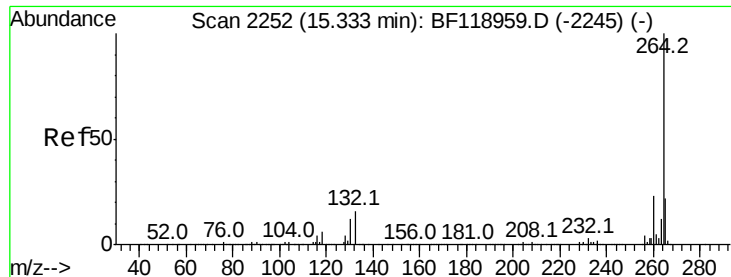


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

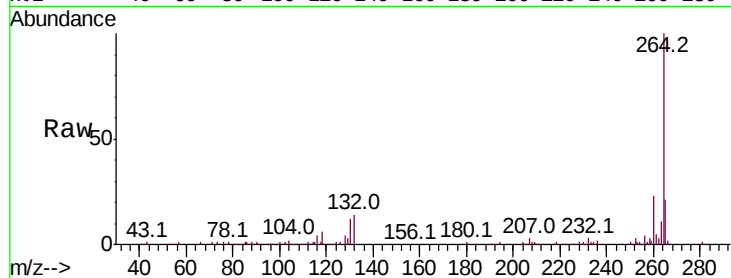




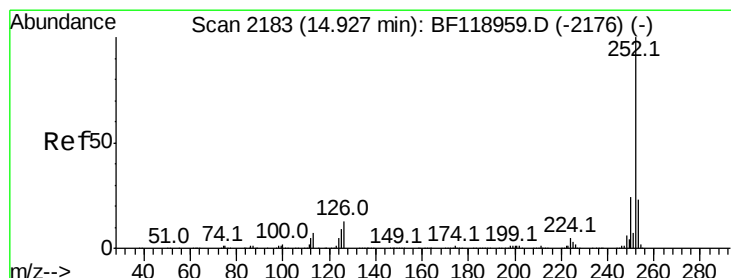
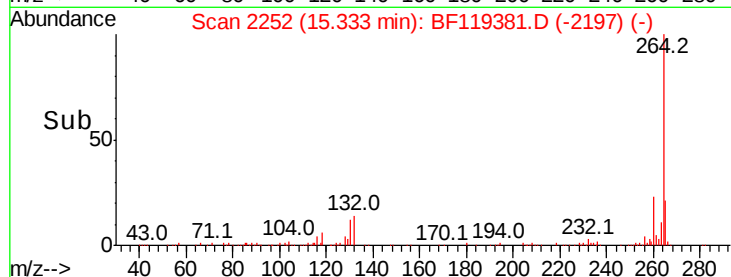
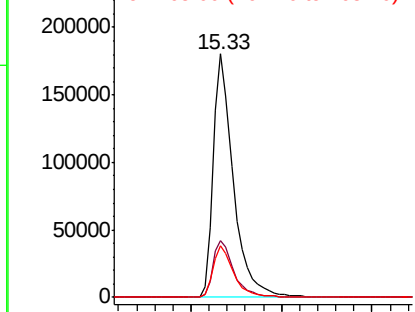
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 278022
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 21.4 17.7 26.5

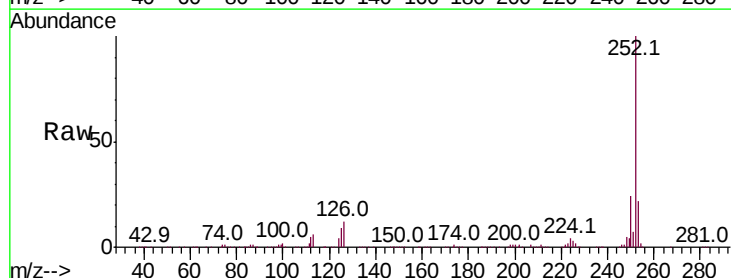


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

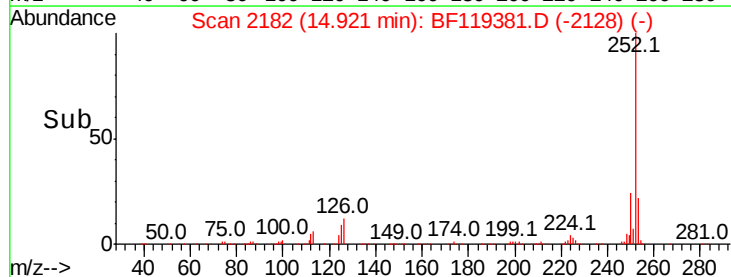
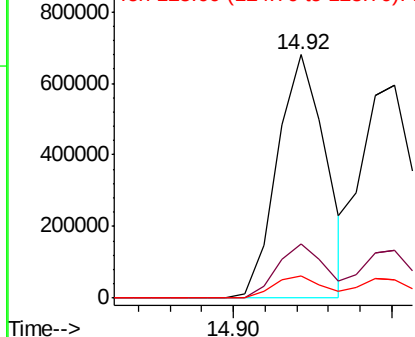


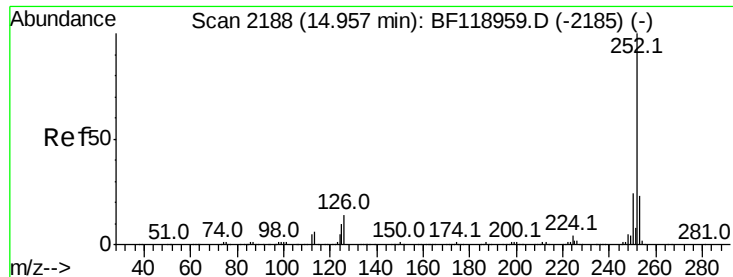
#88
Benzo(b)fluoranthene
Concen: 39.491 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:252 Resp: 723695
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.0 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

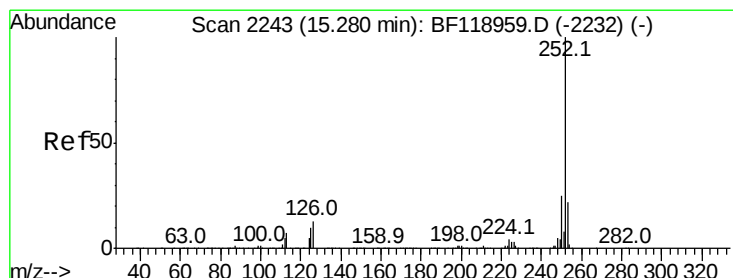
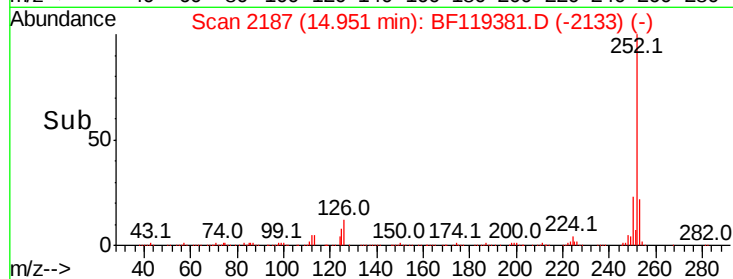
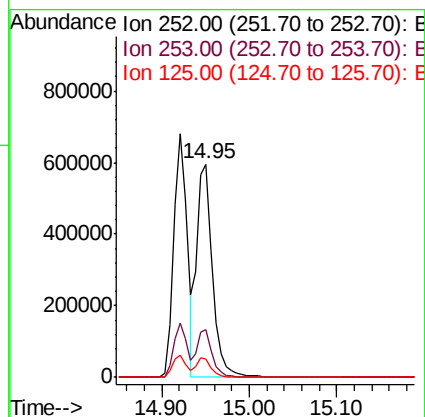
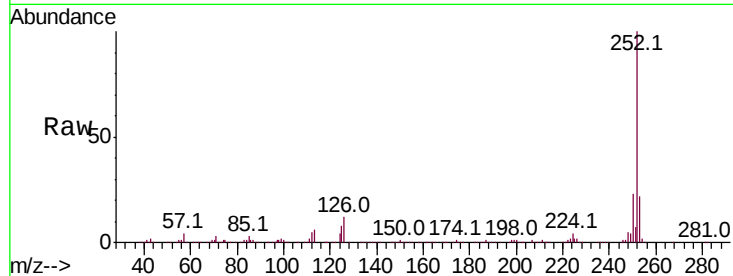




#89
Benzo(k)fluoranthene
Concen: 43.996 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

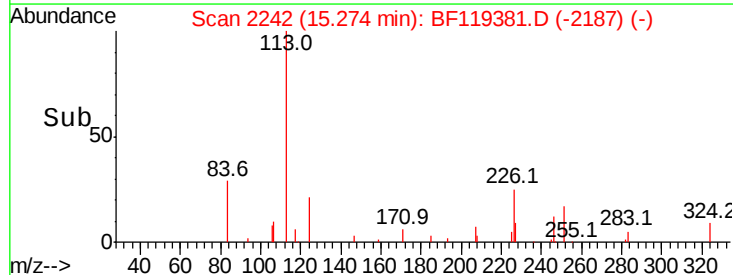
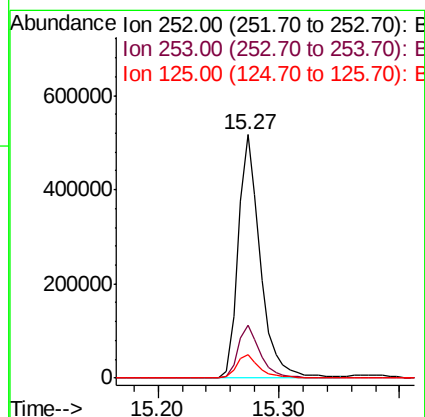
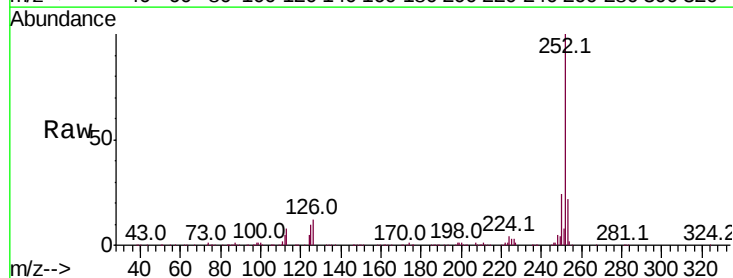
Instrument :
BNA_F
ClientSampleId :

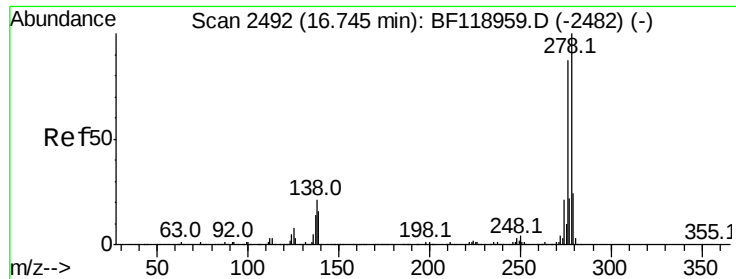
Tot Ion:252 Resp: 747168
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 39.974 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119381.D
Acq: 12 Mar 2020 14:59

Tgt Ion:252 Resp: 661142
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.7 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 34.510 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.04 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

Instrument :

BNA_F

ClientSampleId :

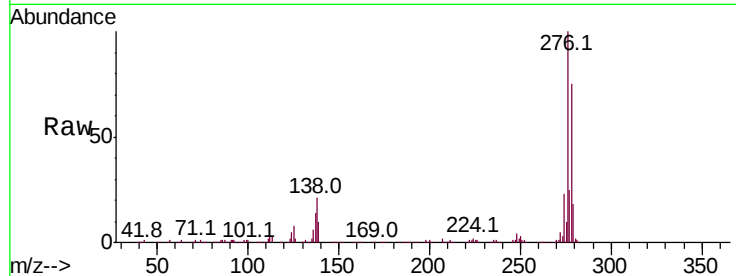
Tot Ion:278 Resp: 502215

Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.4

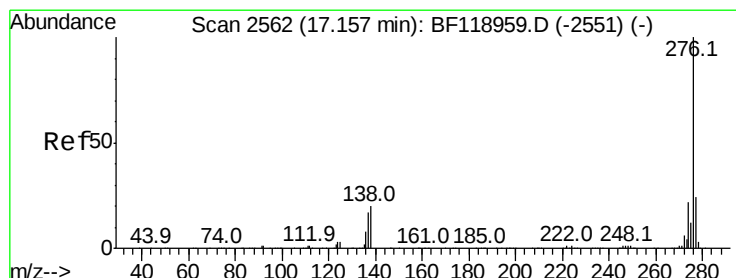
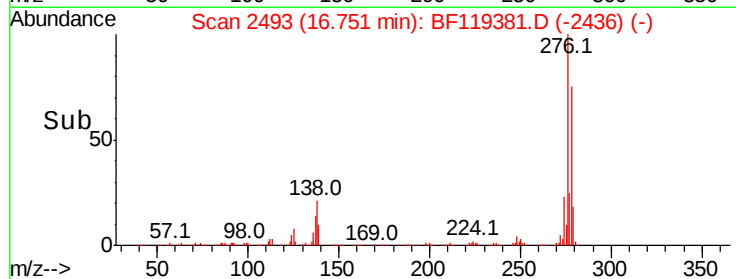
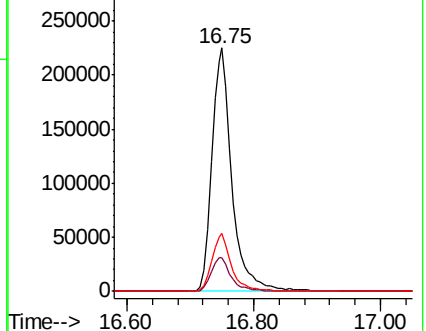
279 23.8 18.6 28.0



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: 34.175 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

Lab File: BF119381.D

Acq: 12 Mar 2020 14:59

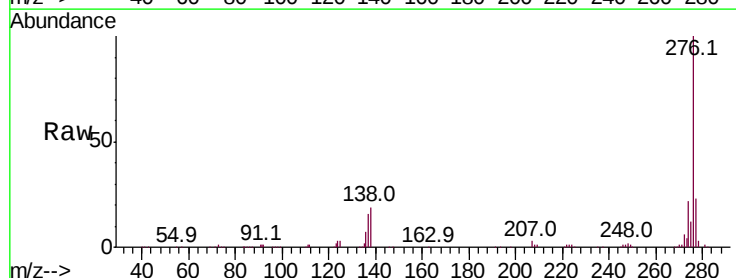
Tgt Ion:276 Resp: 491398

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 19.5 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

