

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119357.D
 Acq On : 11 Mar 2020 20:39
 Operator : CG/JU
 Sample : L1871-14MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 05:10:32 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	101361	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	387897	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	219080	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	412804	20.00	ng	0.00
76) Chrysene-d12	13.89	240	277945	20.00	ng	0.00
87) Perylene-d12	15.32	264	279175	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	605167	99.78	ng	0.00
7) Phenol-d6	6.37	99	715211	96.96	ng	0.00
23) Nitrobenzene-d5	7.29	82	482871	65.73	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	264656	92.35	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	975945	65.63	ng	-0.01
79) Terphenyl-d14	12.82	244	1250392	77.45	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.42	88	98081	36.320	ng	98
3) Pyridine	3.16	79	218288	29.598	ng	97
4) n-Nitrosodimethylamine	3.10	42	90140	40.347	ng	99
6) Aniline	6.39	93	258415	28.391	ng	92
8) 2-Chlorophenol	6.52	128	288874	44.133	ng	97
9) Benzaldehyde	6.27	77	196810	39.934	ng	96
10) Phenol	6.39	94	337763	42.351	ng	93
11) bis(2-Chloroethyl)ether	6.45	93	261233	42.809	ng	97
12) 1,3-Dichlorobenzene	6.66	146	316111	40.293	ng	97
13) 1,4-Dichlorobenzene	6.73	146	321838	40.995	ng	99
14) 1,2-Dichlorobenzene	6.89	146	298548	41.698	ng	98
15) Benzyl Alcohol	6.87	79	237864	44.617	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	205816	38.936	ng	# 20
17) 2-Methylphenol	6.99	107	231723	43.665	ng	93
18) Hexachloroethane	7.22	117	114774	40.864	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	196758	45.776	ng	95
20) 3+4-Methylphenols	7.15	107	309667	47.629	ng	# 84
22) Acetophenone	7.13	105	387047	43.125	ng	# 94
24) Nitrobenzene	7.30	77	300963	41.427	ng	96
25) Isophorone	7.55	82	540682	42.377	ng	99
26) 2-Nitrophenol	7.62	139	159183	41.353	ng	97
27) 2,4-Dimethylphenol	7.67	122	244270	46.757	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	327113	39.389	ng	98
29) 2,4-Dichlorophenol	7.88	162	254015	41.302	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	277956	38.118	ng	99
31) Naphthalene	8.02	128	828792	41.199	ng	98
32) Benzoic acid	7.84	122	125519	35.025	ng	97
33) 4-Chloroaniline	8.09	127	136731	15.803	ng	96
34) Hexachlorobutadiene	8.14	225	172306	37.935	ng	98
35) Caprolactam	8.46	113	40295	21.278	ng	95
36) 4-Chloro-3-methylphenol	8.58	107	269336	43.272	ng	99
37) 2-Methylnaphthalene	8.72	142	570726	42.157	ng	99
38) 1-Methylnaphthalene	8.81	142	534764	42.002	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	287303	38.896	ng	99

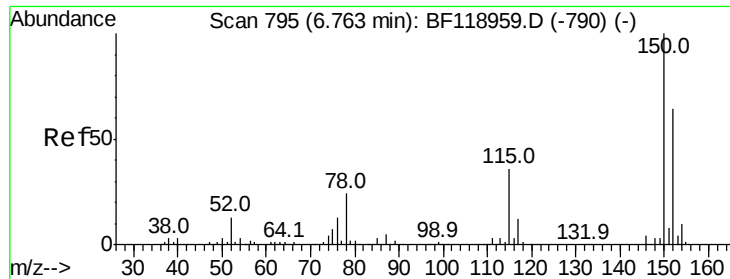
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119357.D
 Acq On : 11 Mar 2020 20:39
 Operator : CG/JU
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 ALS Vial : 11 Sample Multiplier: 1

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 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)
41) Hexachlorocyclopentadiene	8.86	237	53992	27.118	ng	100
43) 2,4,6-Trichlorophenol	9.00	196	178934	38.361	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	185297	37.856	ng	98
46) 1,1'-Biphenyl	9.17	154	697370	39.386	ng	98
47) 2-Chloronaphthalene	9.20	162	556329	38.990	ng	97
48) 2-Nitroaniline	9.31	65	160883	40.426	ng	99
49) Acenaphthylene	9.62	152	849673	41.230	ng	99
50) Dimethylphthalate	9.48	163	764756	45.650	ng	99
51) 2,6-Dinitrotoluene	9.55	165	152856	41.069	ng	# 90
52) Acenaphthene	9.79	154	501284	40.341	ng	100
53) 3-Nitroaniline	9.72	138	84023	20.363	ng	90
54) 2,4-Dinitrophenol	9.85	184	90847	53.003	ng	93
55) Dibenzofuran	9.96	168	763765	41.179	ng	98
56) 4-Nitrophenol	9.92	139	111826	45.107	ng	96
57) 2,4-Dinitrotoluene	9.96	165	200076	41.472	ng	89
58) Fluorene	10.30	166	621924	43.152	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	161290	39.052	ng	99
60) Diethylphthalate	10.18	149	681357	43.158	ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	326100	42.746	ng	96
62) 4-Nitroaniline	10.34	138	138773	32.872	ng	98
63) Azobenzene	10.45	77	611302	44.547	ng	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	93796	37.549	ng	98
66) n-Nitrosodiphenylamine	10.42	169	564196	41.741	ng	98
67) 4-Bromophenyl-phenylether	10.78	248	213032	39.481	ng	95
68) Hexachlorobenzene	10.86	284	243284	39.106	ng	96
69) Atrazine	10.94	200	189479	40.122	ng	99
70) Pentachlorophenol	11.06	266	143955	57.443	ng	99
71) Phenanthrene	11.26	178	923765	41.034	ng	99
72) Anthracene	11.32	178	974617	43.329	ng	98
73) Carbazole	11.48	167	842509	42.044	ng	98
74) Di-n-butylphthalate	11.80	149	1083639	44.654	ng	99
75) Fluoranthene	12.46	202	978005	40.927	ng	99
77) Benzidine	12.58	184	522220	46.199	ng	98
78) Pyrene	12.69	202	974801	43.677	ng	98
80) Butylbenzylphthalate	13.29	149	444552	47.327	ng	98
81) Benzo(a)anthracene	13.87	228	800820	42.286	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	214608	29.183	ng	100
83) Chrysene	13.91	228	772207	40.922	ng	98
84) Bis(2-ethylhexyl)phthalate	13.85	149	626794	52.818	ng	99
85) Di-n-octyl phthalate	14.46	149	988855	52.299	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	815091	44.610	ng	100
88) Benzo(b)fluoranthene	14.91	252	752430	40.889	ng	98
89) Benzo(k)fluoranthene	14.93	252	689471	40.431	ng	99
90) Benzo(a)pyrene	15.26	252	651419	39.223	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	685655	46.921	ng	99
92) Benzo(g,h,i)perylene	17.15	276	666320	46.149	ng	99

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

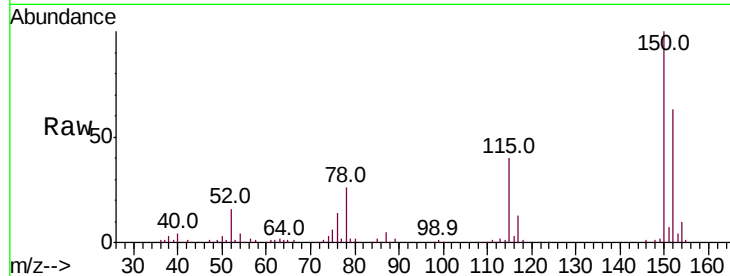


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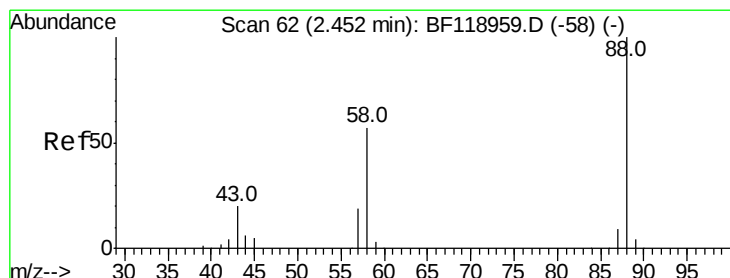
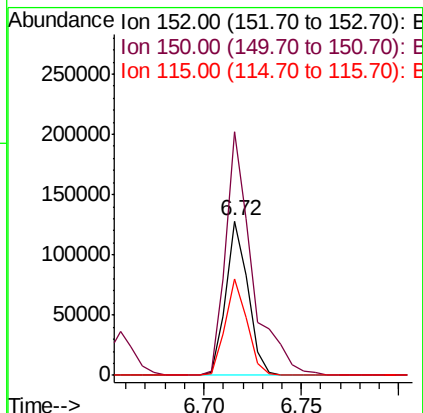
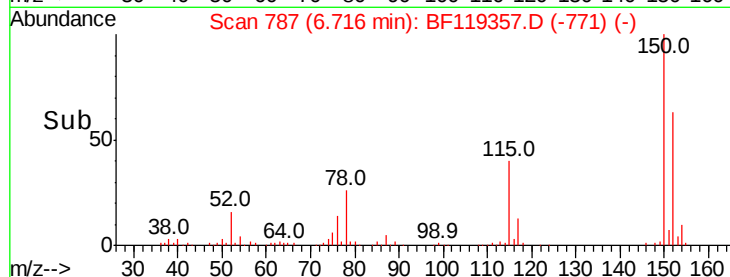
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101361
Ion Ratio Lower Upper
152 100
150 157.9 123.0 184.6
115 62.7 49.5 74.3



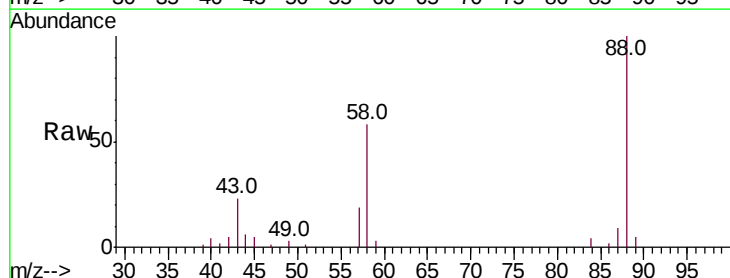
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



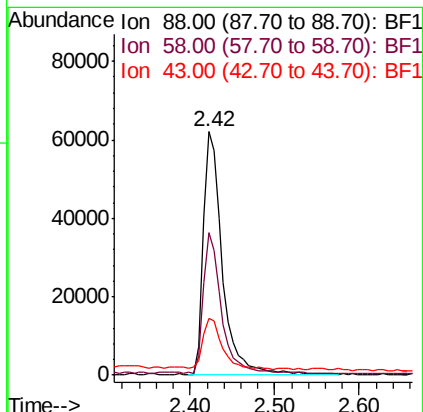
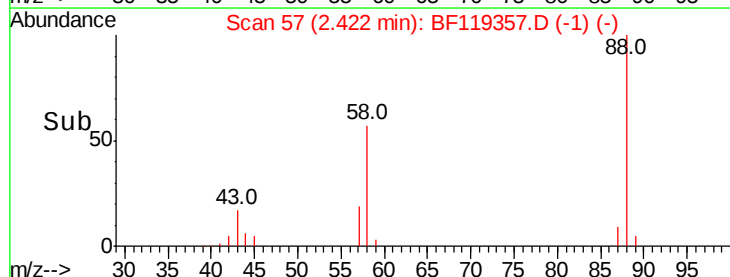
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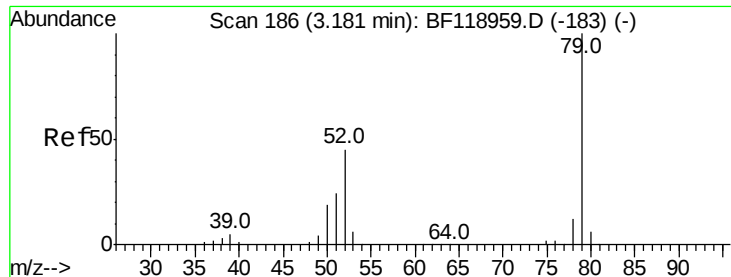
1,4-Dioxane
Concen: 36.320 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.04 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion: 88 Resp: 98081
Ion Ratio Lower Upper
88 100
58 53.3 43.8 65.6
43 21.8 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: 29.598 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.06 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

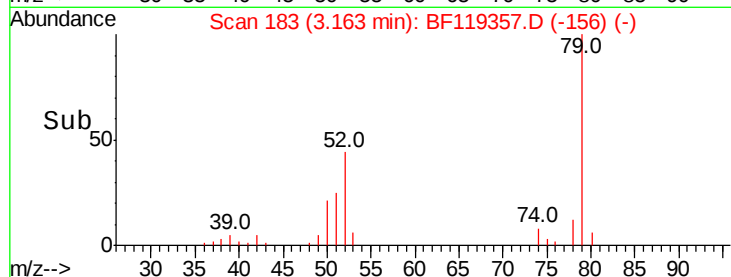
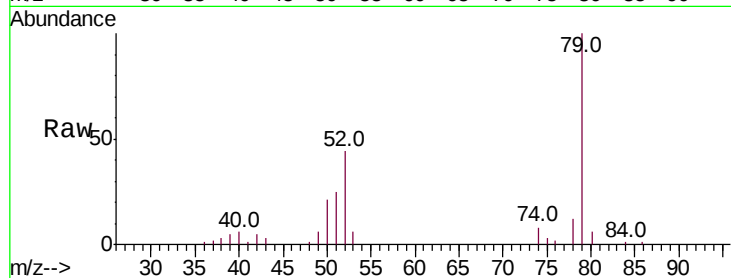
Tot Ion: 79 Resp: 218288

Ion Ratio Lower Upper

79 100

52 44.2 37.4 56.0

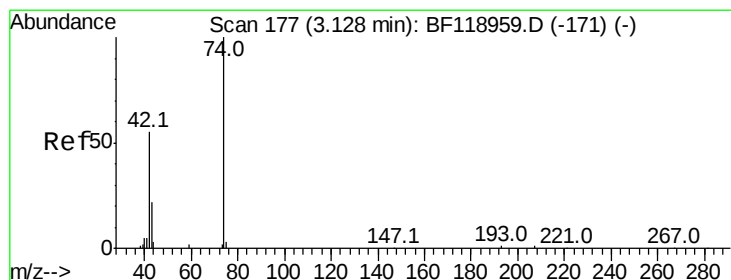
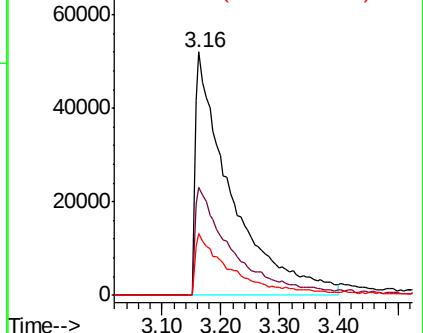
51 25.5 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.347 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.04 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

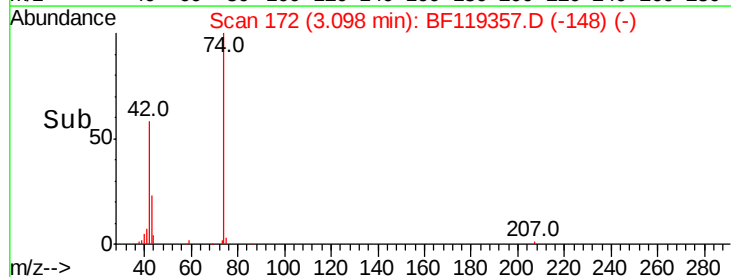
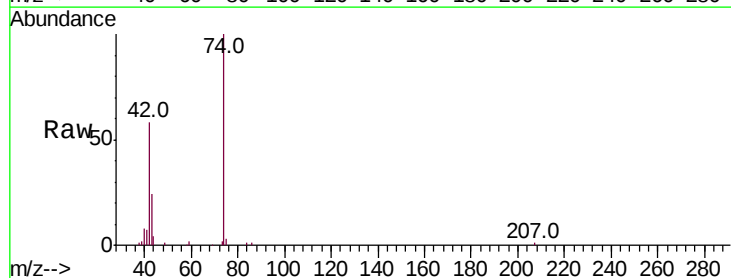
Tgt Ion: 42 Resp: 90140

Ion Ratio Lower Upper

42 100

74 173.3 137.7 206.5

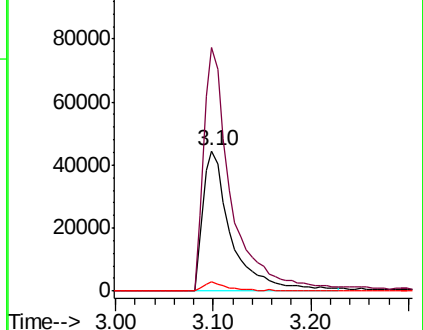
44 6.4 4.5 6.7

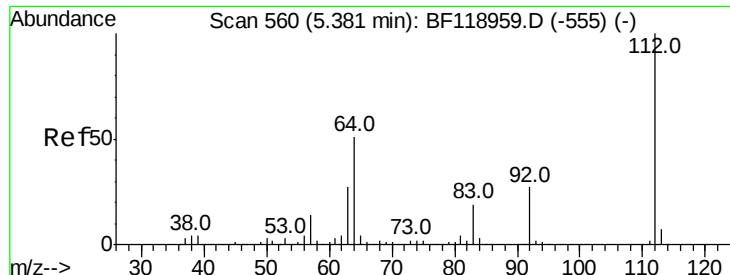


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

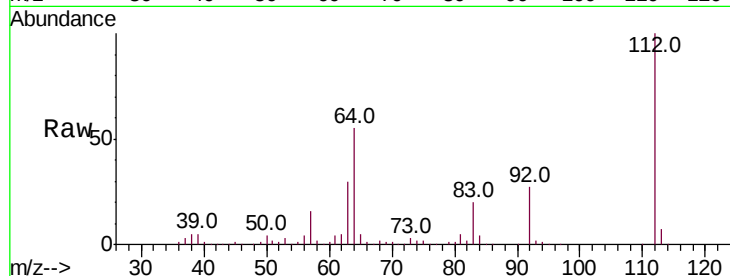




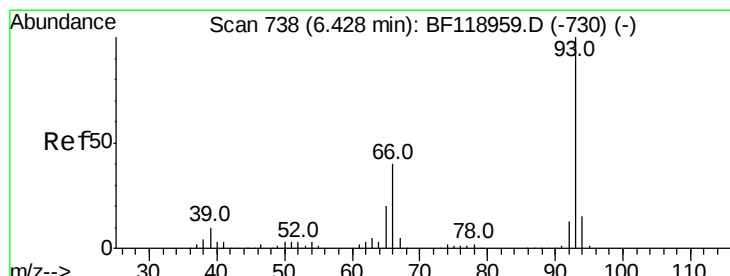
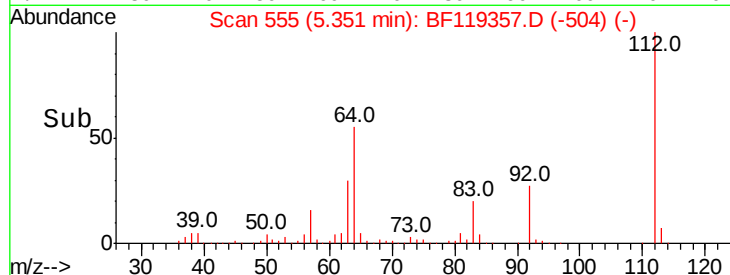
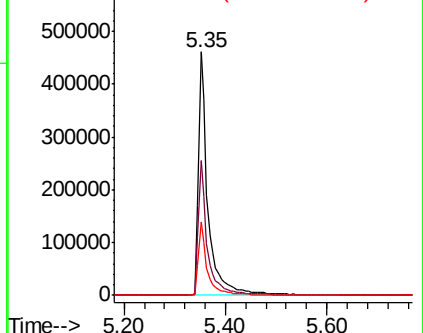
#5
2-Fluorophenol
Concen: 99.776 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 605167
Ion Ratio Lower Upper
112 100
64 55.3 45.0 67.4
63 29.9 24.2 36.4

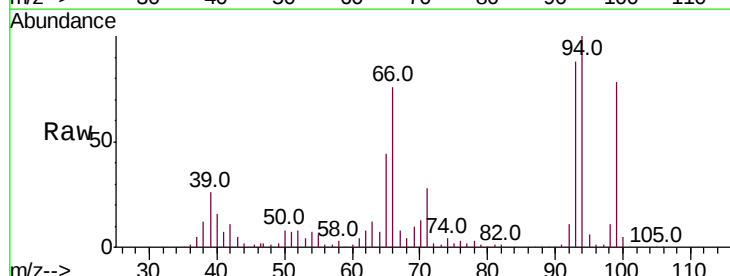


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

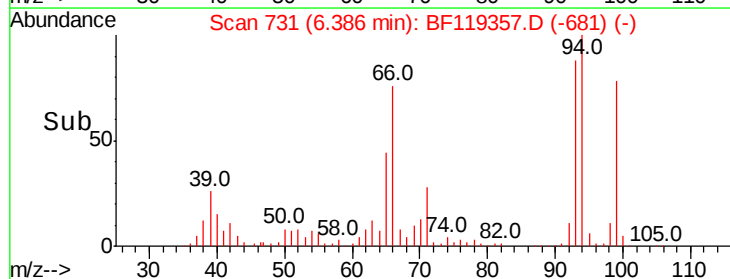
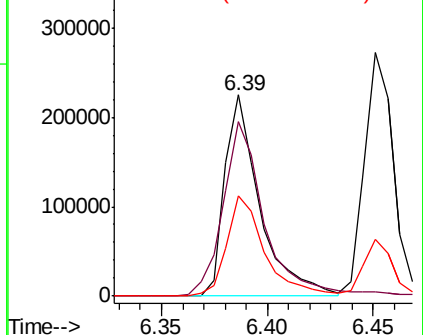


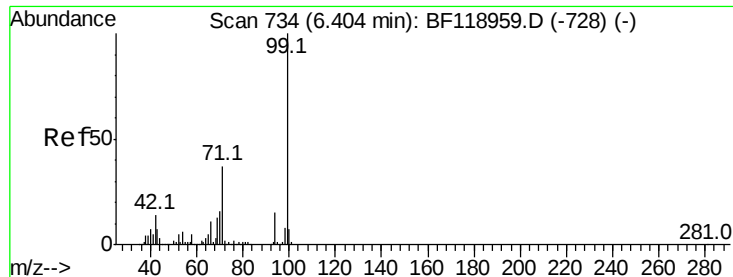
#6
Aniline
Concen: 28.391 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion: 93 Resp: 258415
Ion Ratio Lower Upper
93 100
66 86.7 74.5 111.7
65 49.9 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: 96.959 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

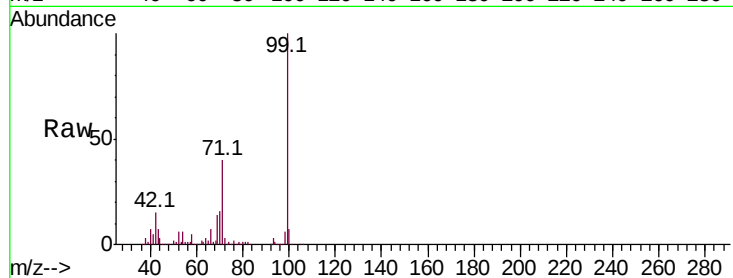
Tot Ion: 99 Resp: 715211

Ion Ratio Lower Upper

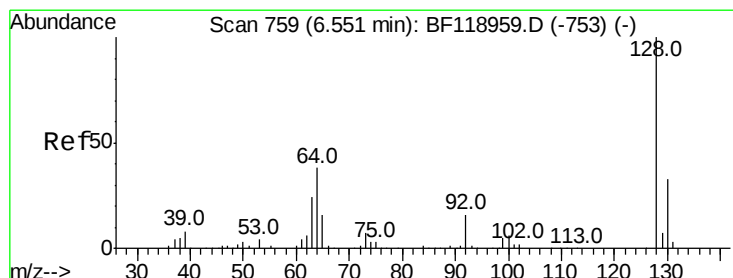
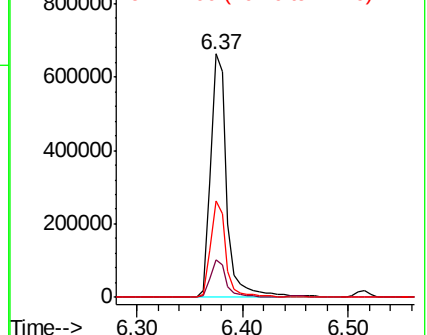
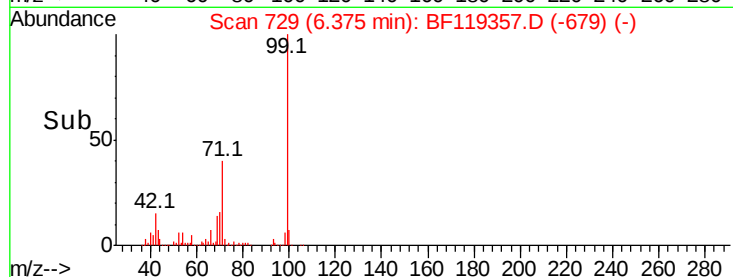
99 100

42 15.4 12.6 18.8

71 39.5 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: 44.133 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

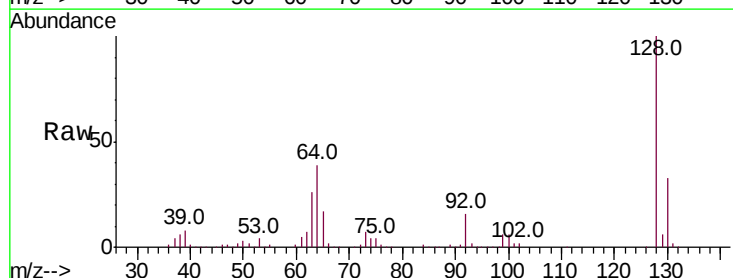
Tgt Ion: 128 Resp: 288874

Ion Ratio Lower Upper

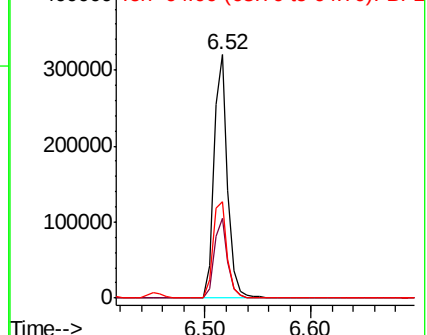
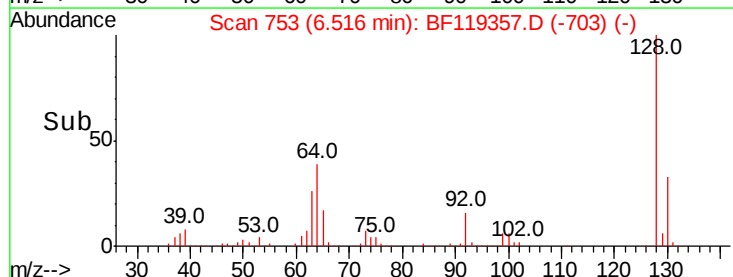
128 100

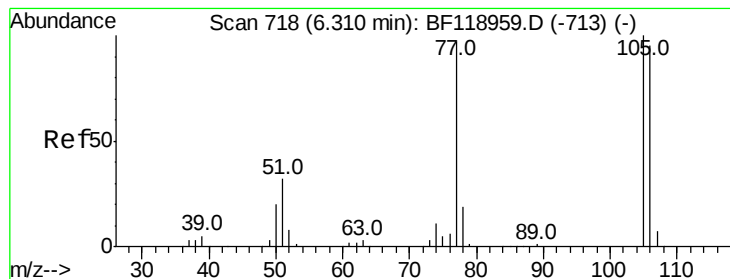
130 32.8 12.7 52.7

64 39.4 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: 39.934 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampled :

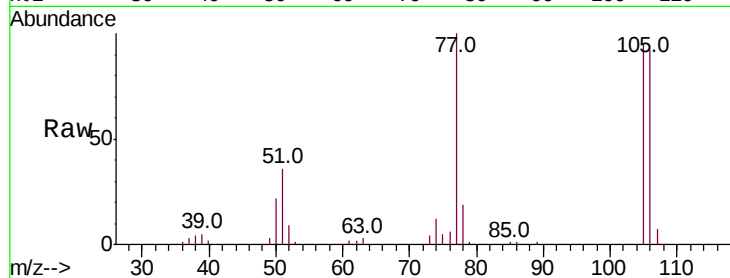
Tot Ion: 77 Resp: 196810

Ion Ratio Lower Upper

77 100

105 95.0 80.1 120.1

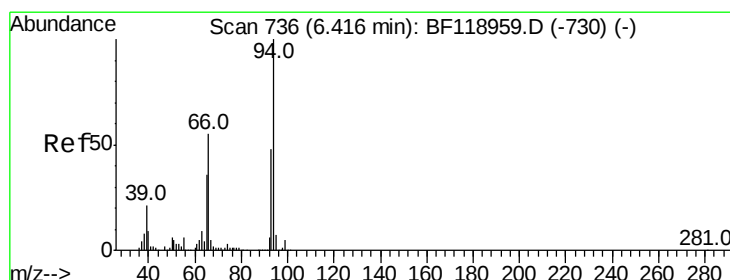
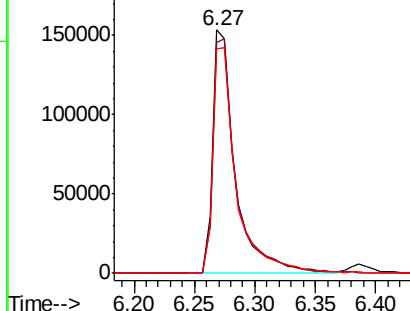
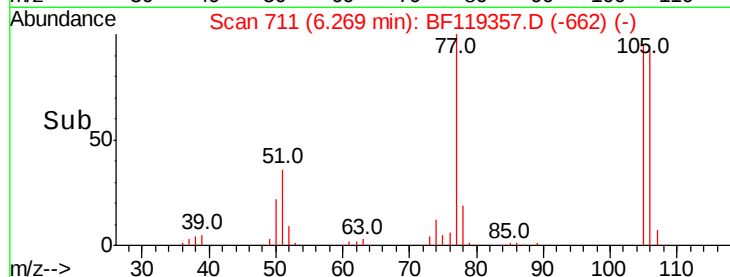
106 92.1 75.9 115.9



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: 42.351 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

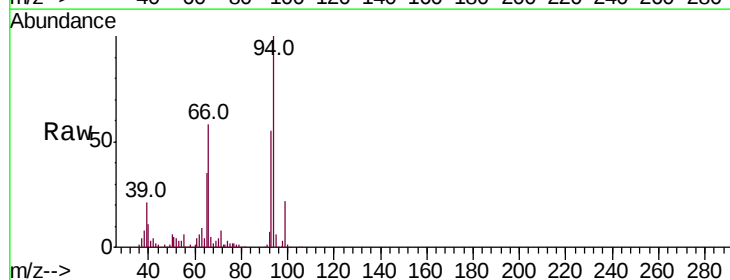
Tgt Ion: 94 Resp: 337763

Ion Ratio Lower Upper

94 100

65 35.0 19.2 59.2

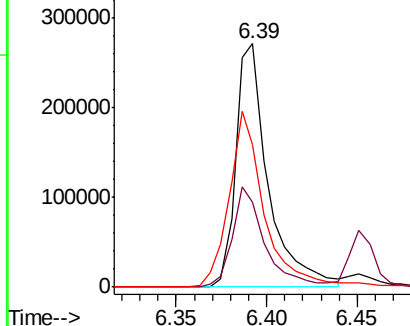
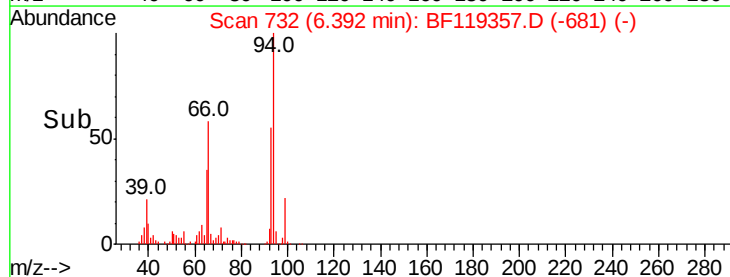
66 58.4 44.4 84.4

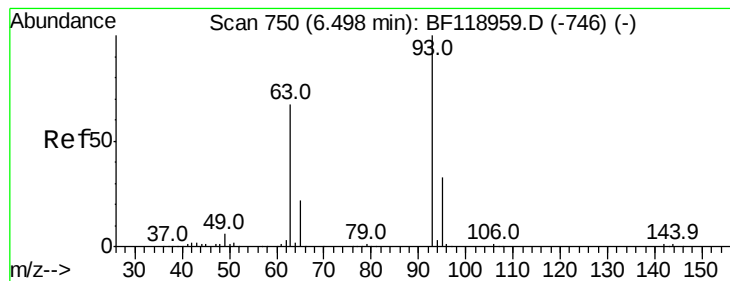


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

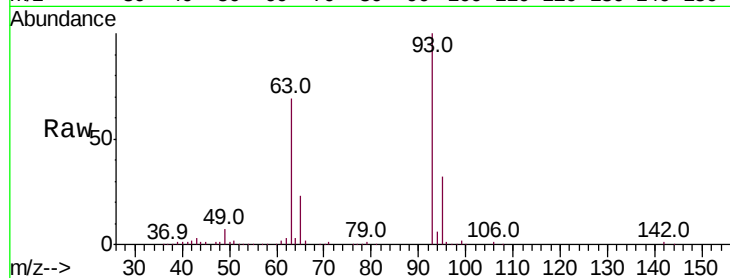




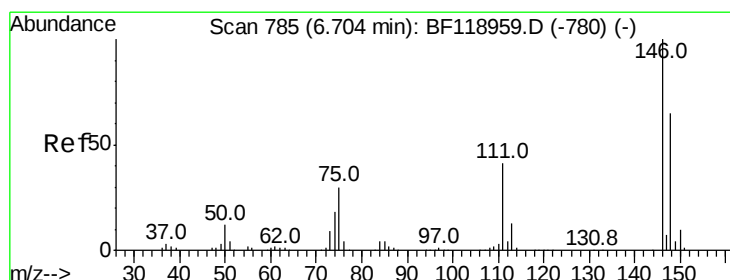
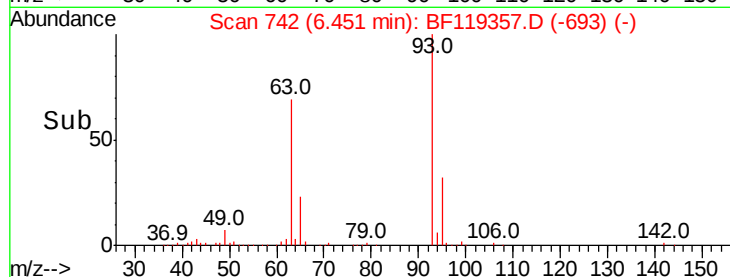
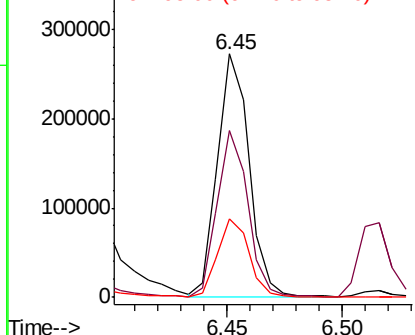
#11
 bis(2-Chloroethyl)ether
 Concen: 42.809 ng
 RT: 6.45 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.5	45.4	85.4
95	32.4	13.5	53.5

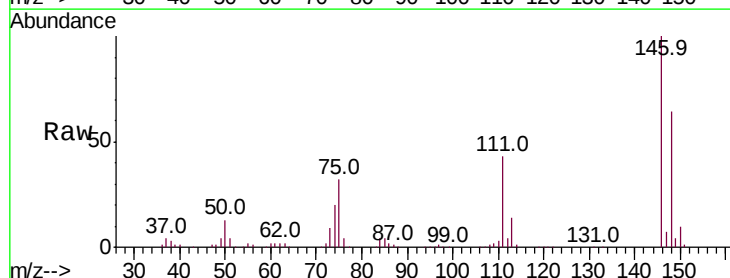


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

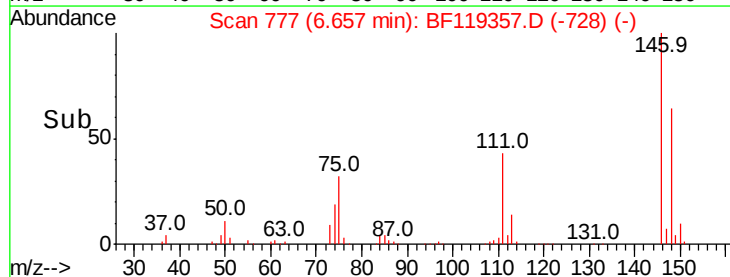
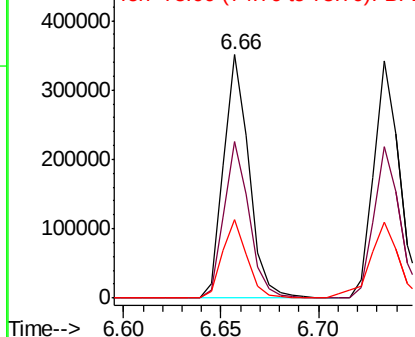


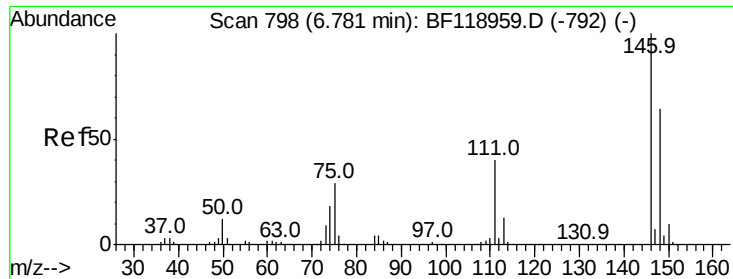
#12
 1,3-Dichlorobenzene
 Concen: 40.293 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.5	78.7
75	32.1	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

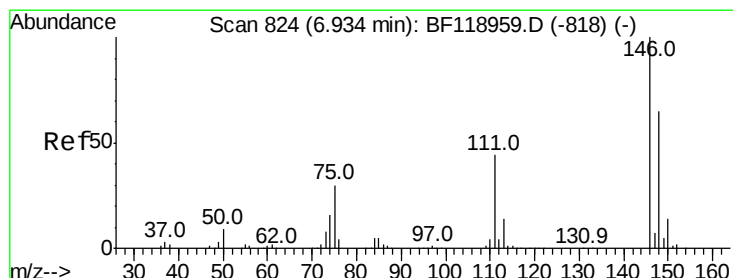
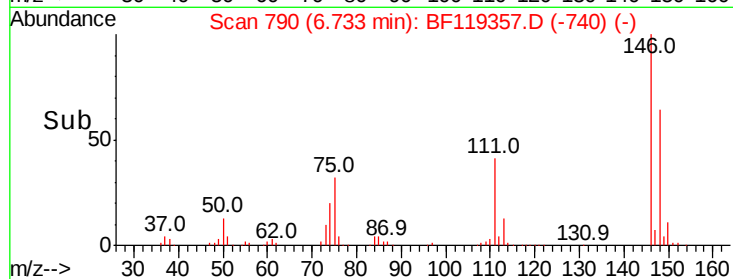
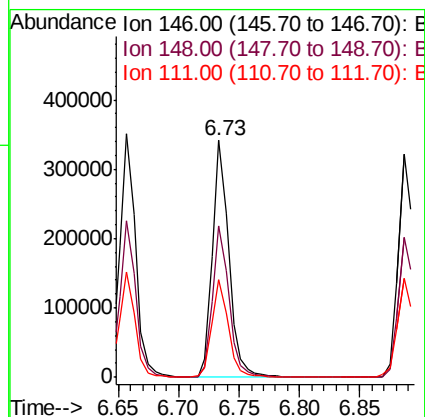
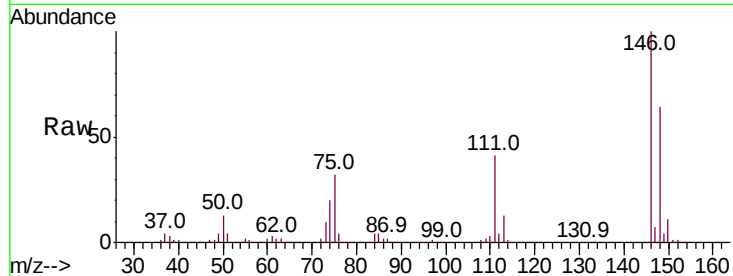




#13
 1,4-Dichlorobenzene
 Concen: 40.995 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

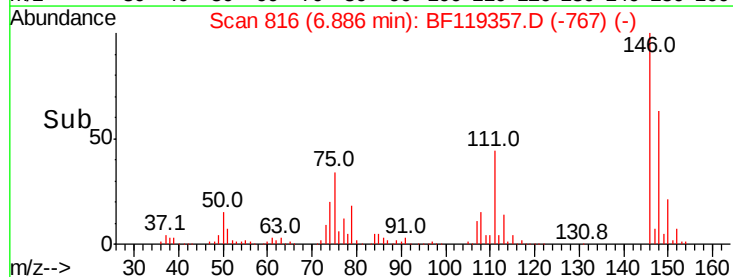
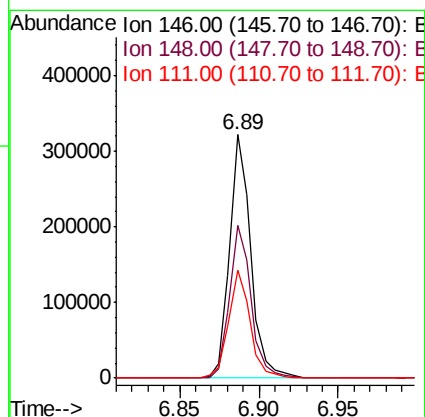
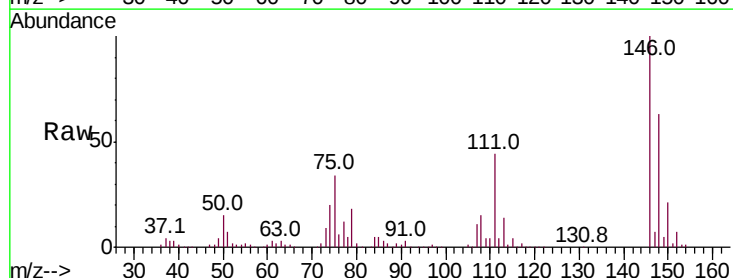
Instrument :
 BNA_F
 ClientSampleId :

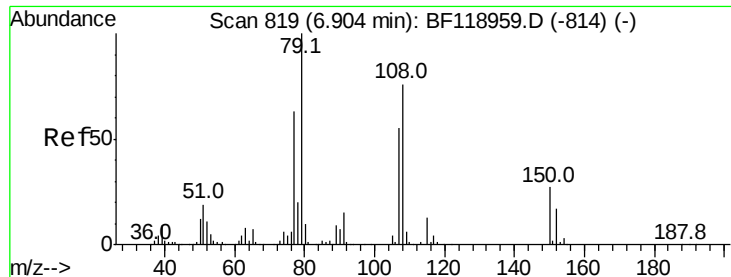
Tot Ion:146 Resp: 321838
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 41.4 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 41.698 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion:146 Resp: 298548
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.9 77.9
 111 44.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 44.617 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

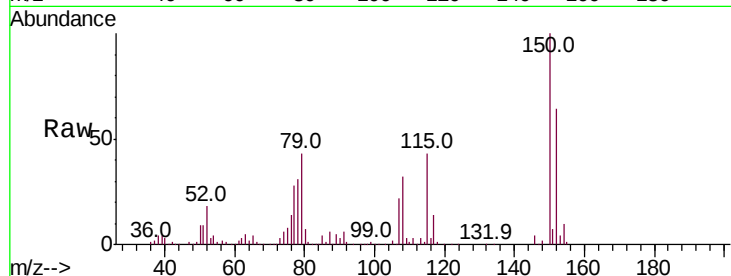
Tot Ion: 79 Resp: 237864

Ion Ratio Lower Upper

79 100

108 73.7 58.2 87.2

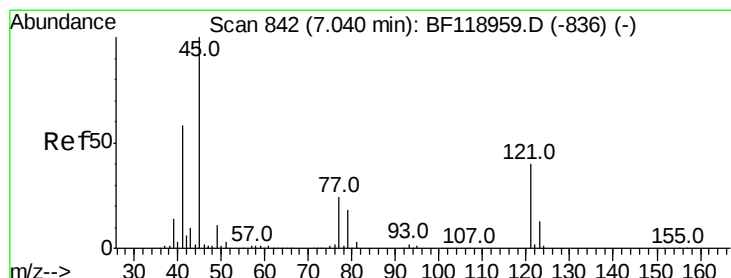
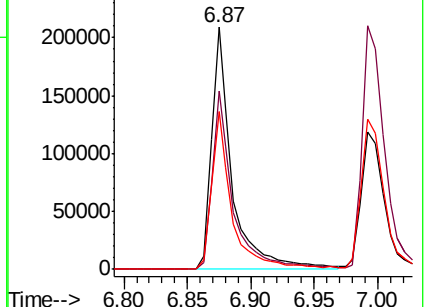
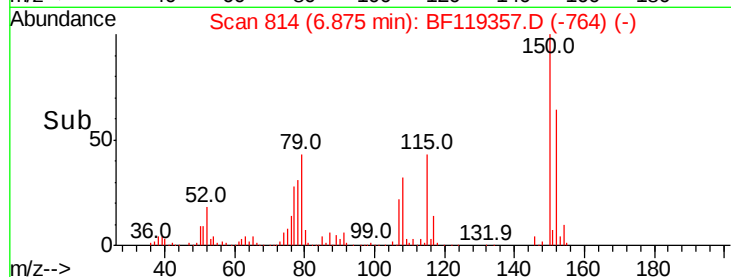
77 65.2 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.936 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

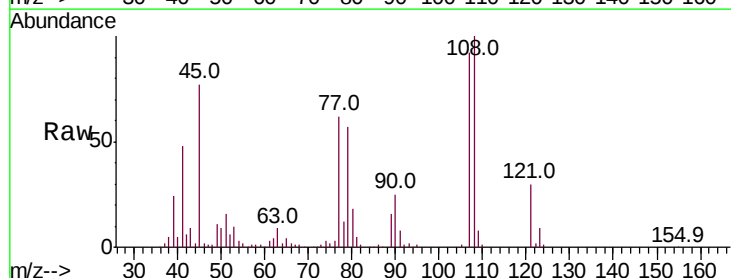
Tgt Ion: 45 Resp: 205816

Ion Ratio Lower Upper

45 100

77 80.4 15.0 55.0#

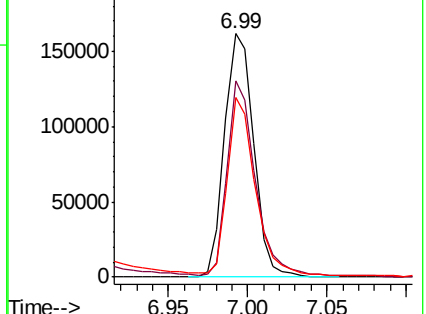
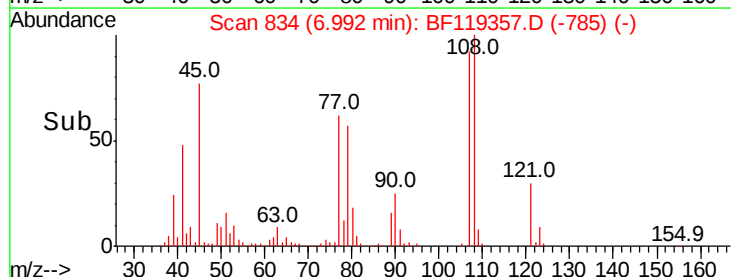
79 73.6 9.4 49.4#

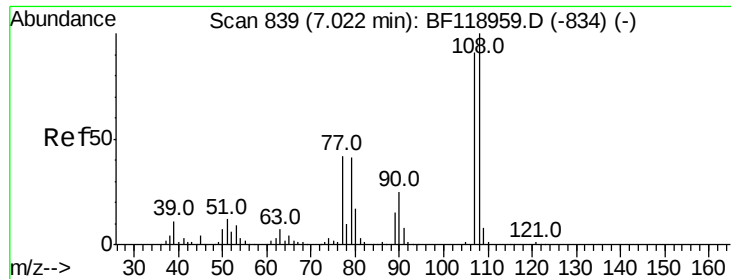


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

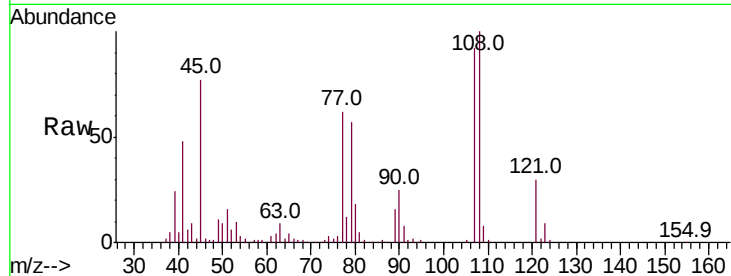




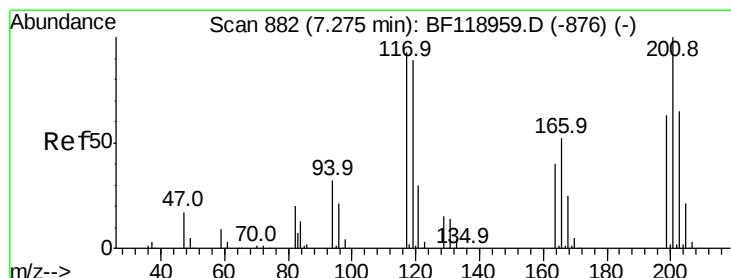
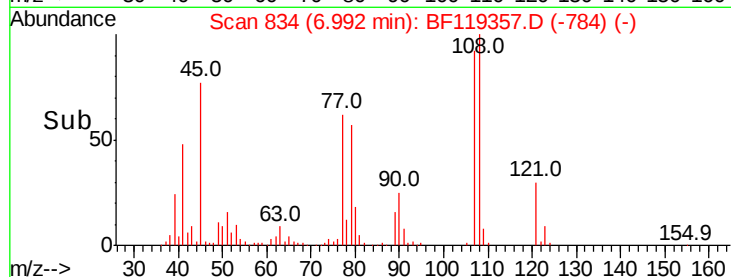
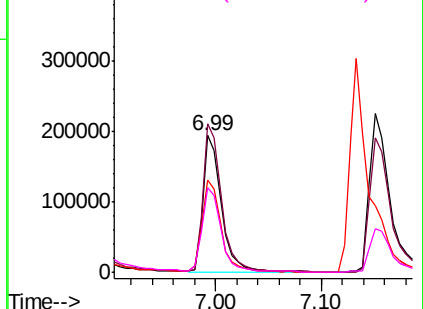
#17
2-Methylphenol
Concen: 43.665 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 231723
Ion Ratio Lower Upper
107 100
108 108.6 87.9 131.9
77 67.2 45.3 67.9
79 61.5 43.0 64.4

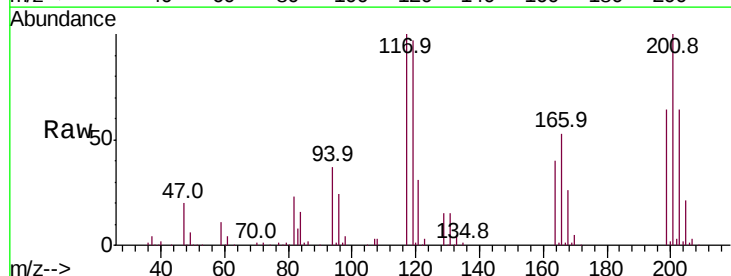


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

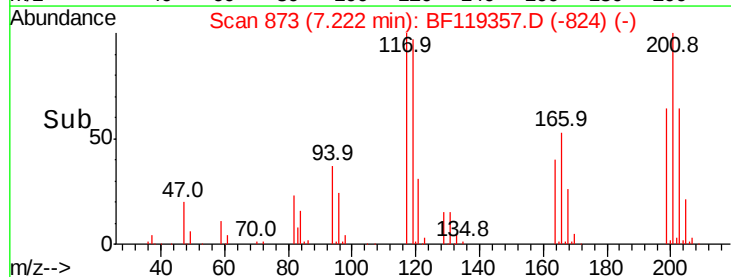
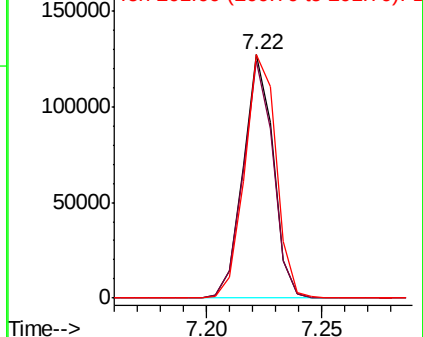


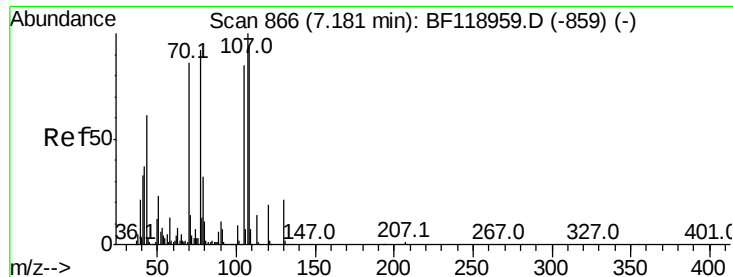
#18
Hexachloroethane
Concen: 40.864 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:117 Resp: 114774
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
201 99.8 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

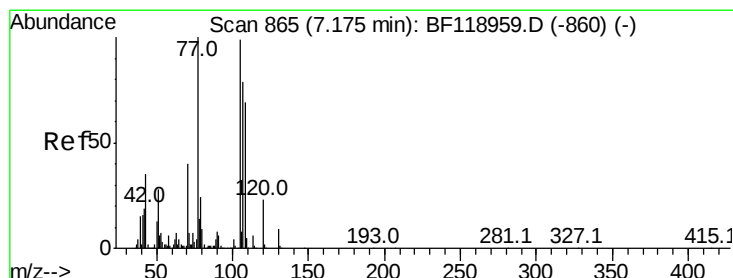
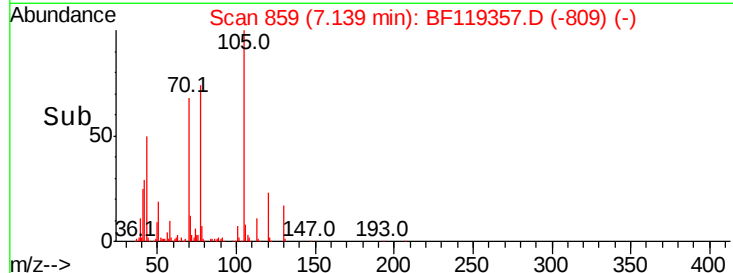
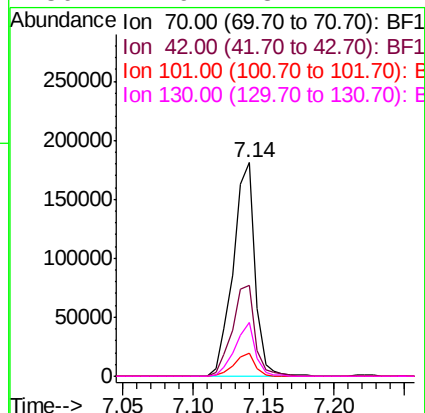
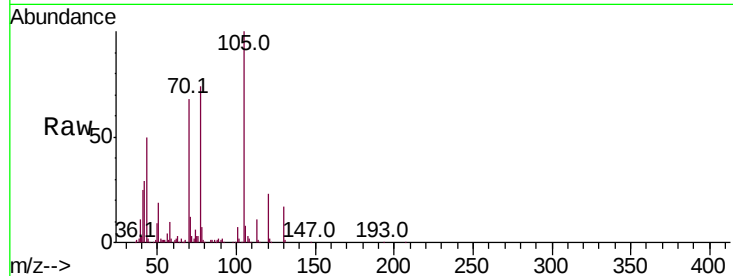




#19
n-Nitroso-di-n-propylamine
Concen: 45.776 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

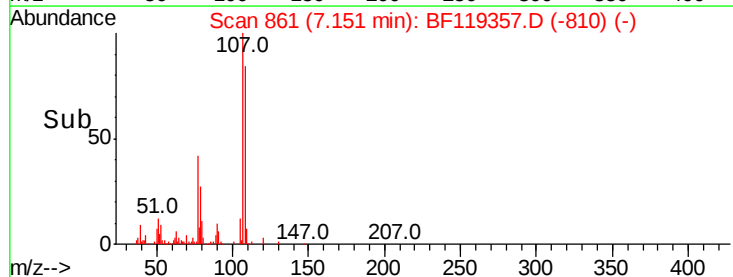
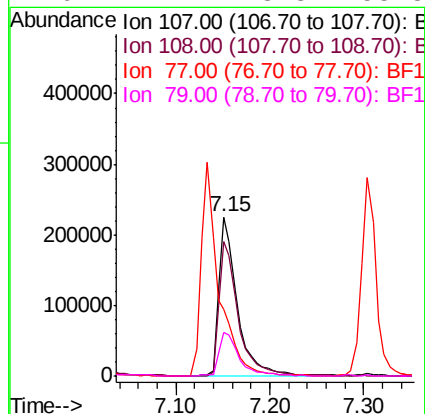
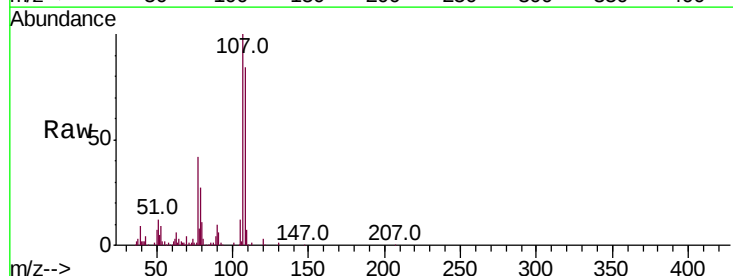
Instrument :
BNA_F
ClientSampled :

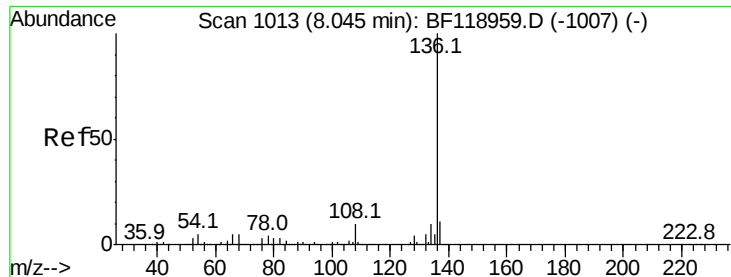
Tot Ion:	70	Resp:	196758
Ion	Ratio	Lower	Upper
70	100		
42	42.8	38.0	57.0
101	10.6	8.2	12.4
130	24.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 47.629 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:	107	Resp:	309667
Ion	Ratio	Lower	Upper
107	100		
108	84.1	71.5	111.5
77	42.1	45.9	85.9#
79	27.2	13.8	53.8

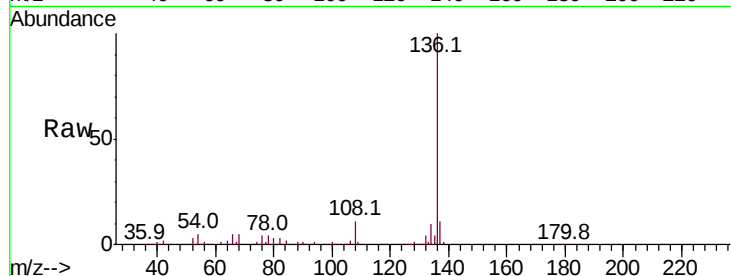




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 387897
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 5.2	3.8 5.6
68 5.3	3.9 5.9



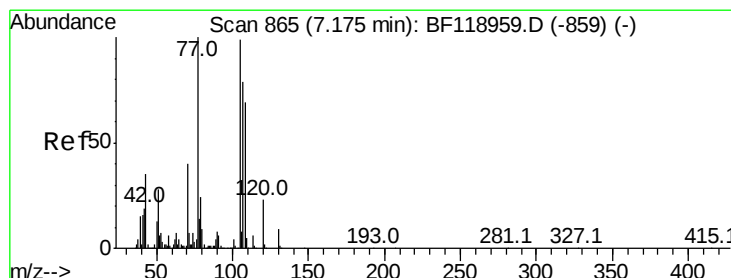
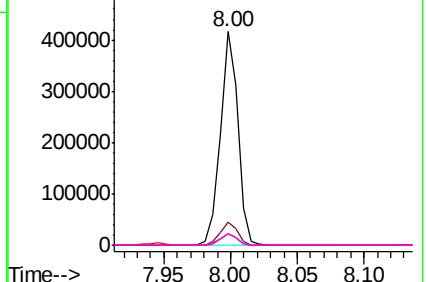
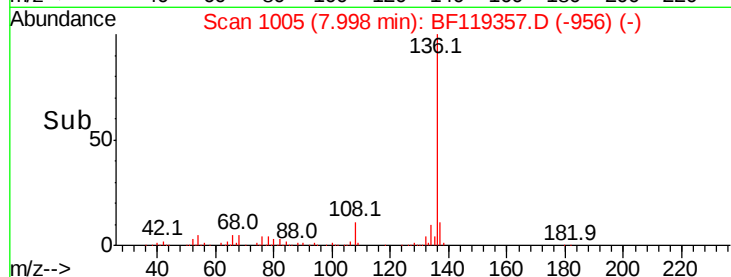
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

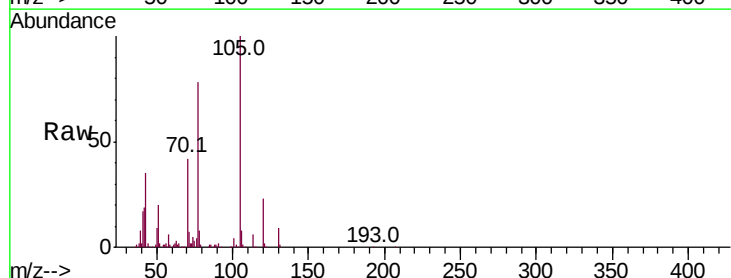
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 43.125 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt	Ion:105	Resp:	387047
Ion	Ratio	Lower	Upper
105	100		
71	7.1	3.0	4.4#
51	20.3	20.1	30.1
120	22.7	18.0	27.0



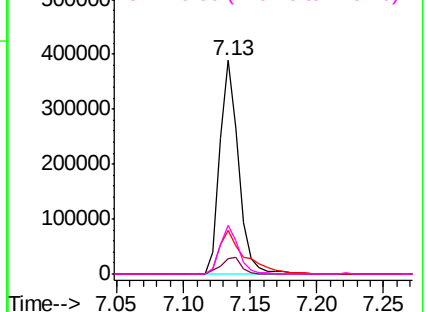
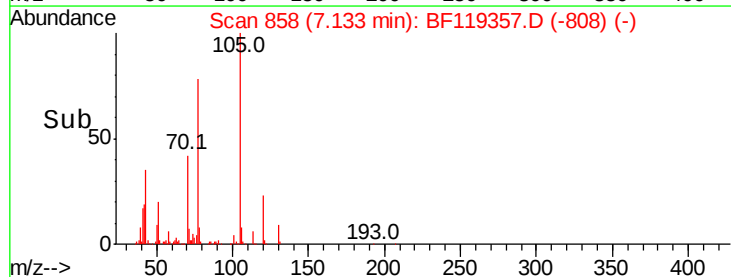
Abundance

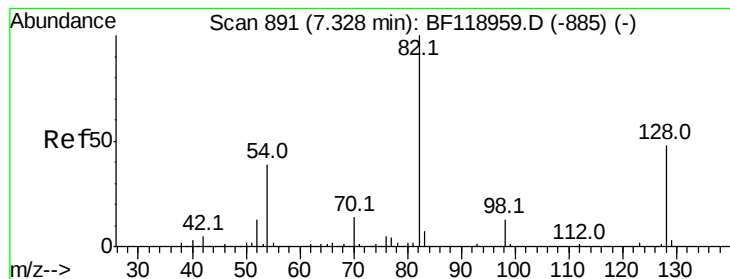
Ion 105.00 (104.70 to 105.70): E

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: 65.728 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

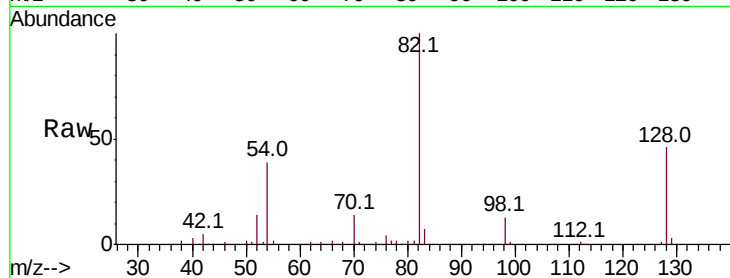
Tot Ion: 82 Resp: 482871

Ion Ratio Lower Upper

82 100

128 45.6 37.9 56.9

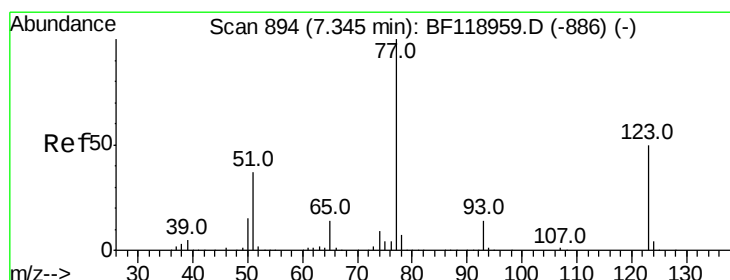
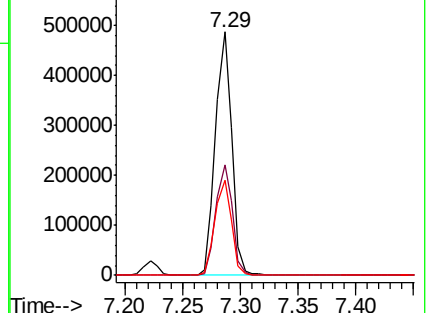
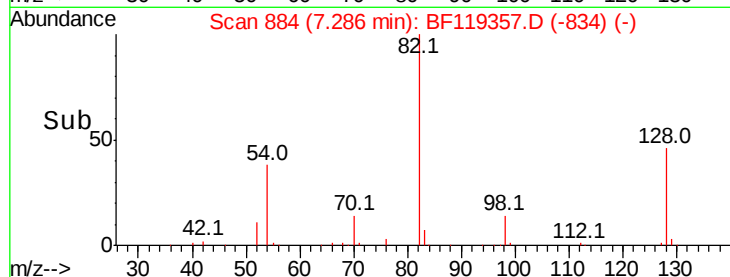
54 39.2 33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.427 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

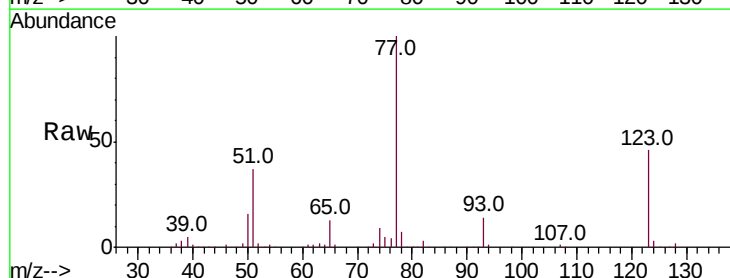
Tgt Ion: 77 Resp: 300963

Ion Ratio Lower Upper

77 100

123 46.5 40.2 60.2

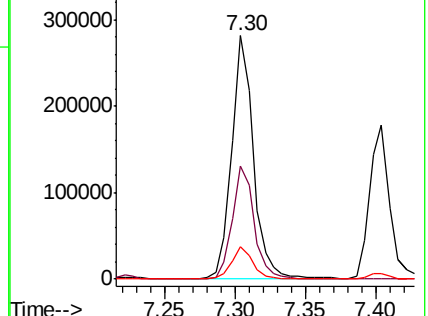
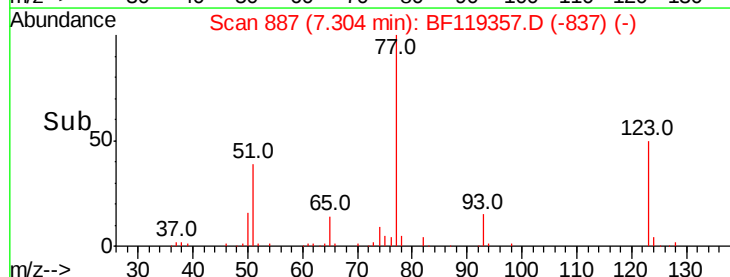
65 13.3 10.8 16.2

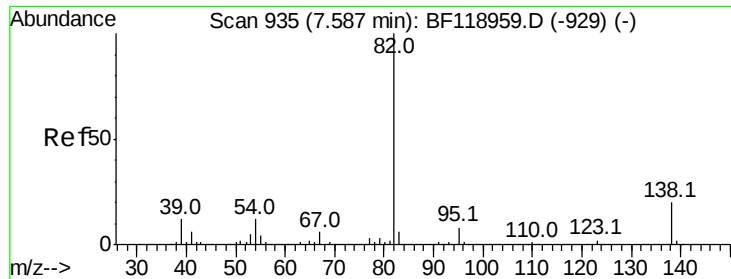


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.377 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

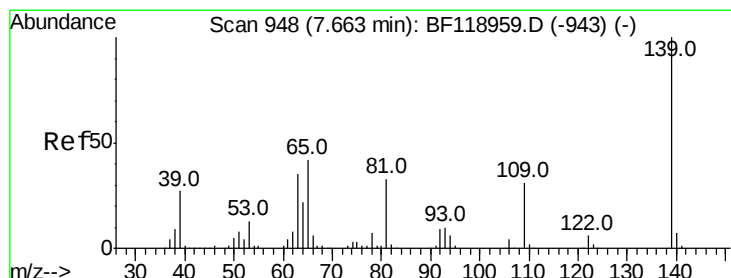
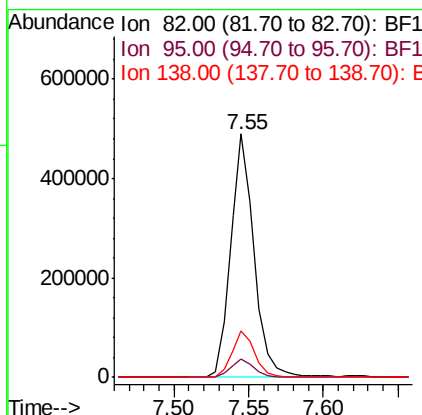
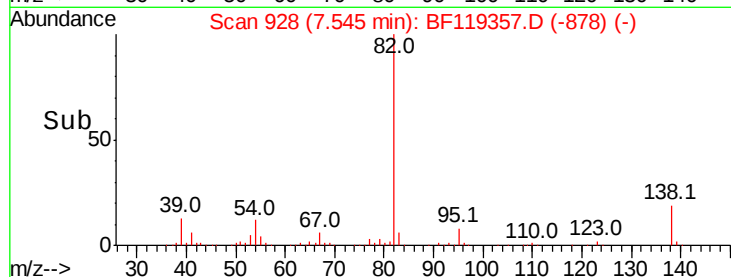
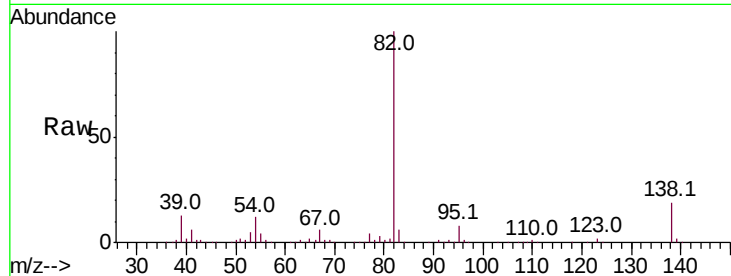
Tot Ion: 82 Resp: 540682

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

138 19.2 15.7 23.5



#26

2-Nitrophenol

Concen: 41.353 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

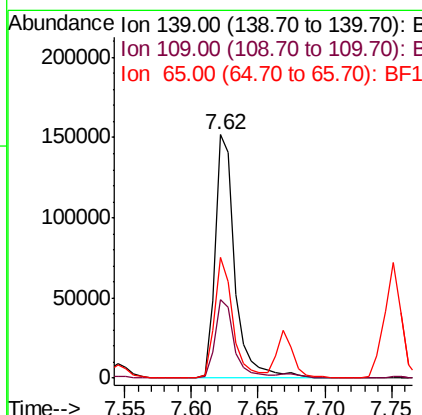
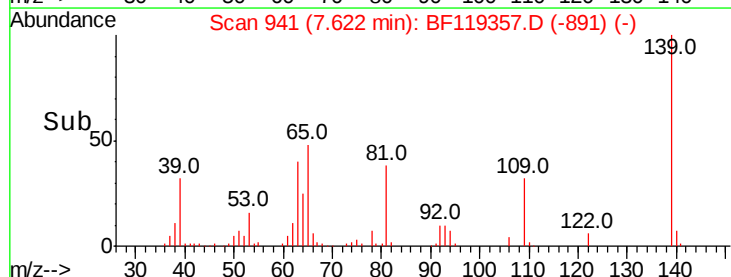
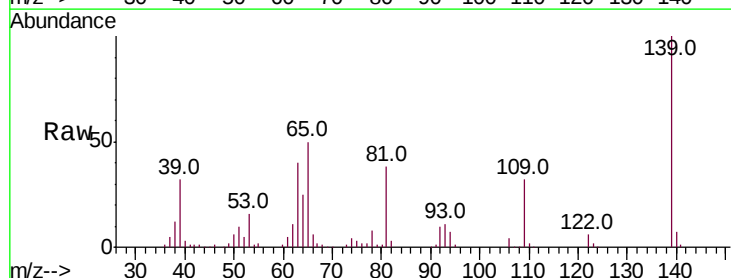
Tgt Ion: 139 Resp: 159183

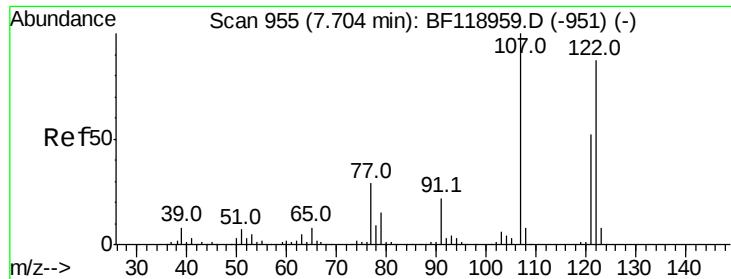
Ion Ratio Lower Upper

139 100

109 32.3 25.7 38.5

65 49.5 37.1 55.7

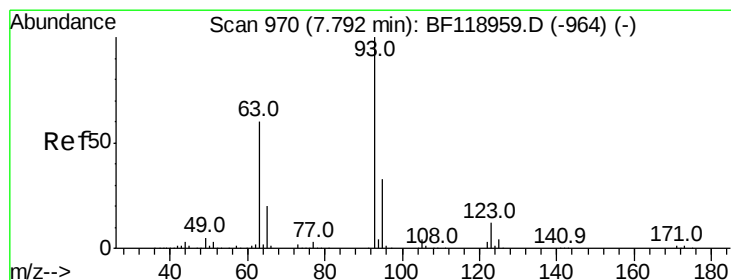
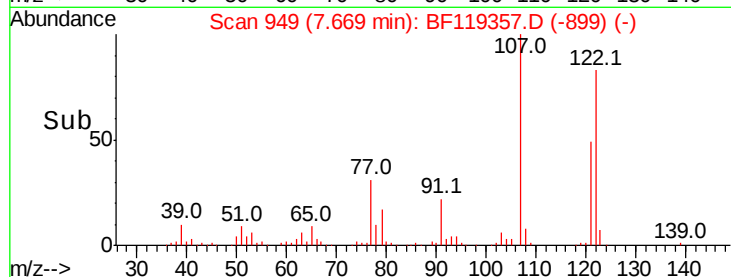
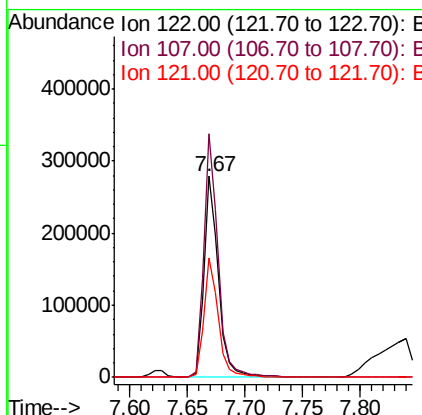
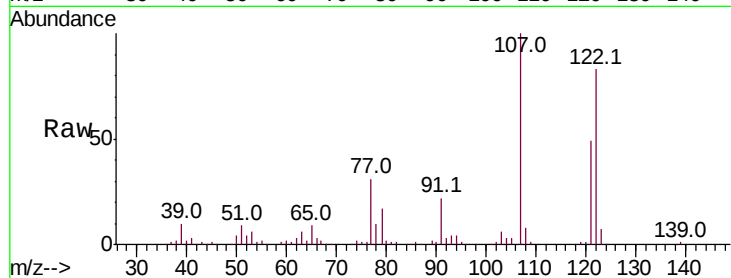




#27
2,4-Dimethylphenol
Concen: 46.757 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

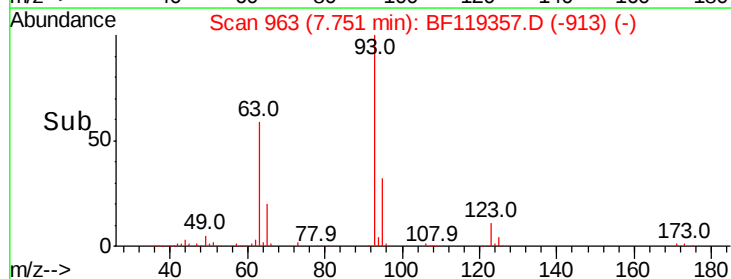
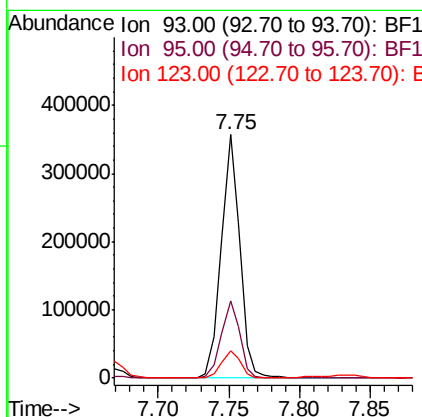
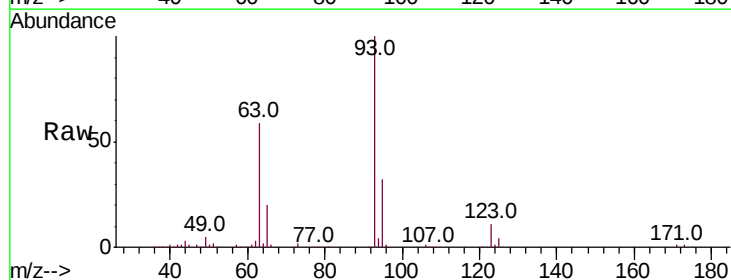
Instrument :
BNA_F
ClientSampleId :

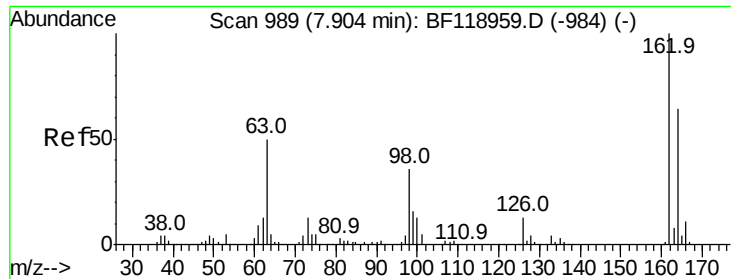
Tot Ion:122 Resp: 244270
Ion Ratio Lower Upper
122 100
107 121.2 93.8 140.6
121 59.7 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 39.389 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion: 93 Resp: 327113
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 11.5 10.2 15.2

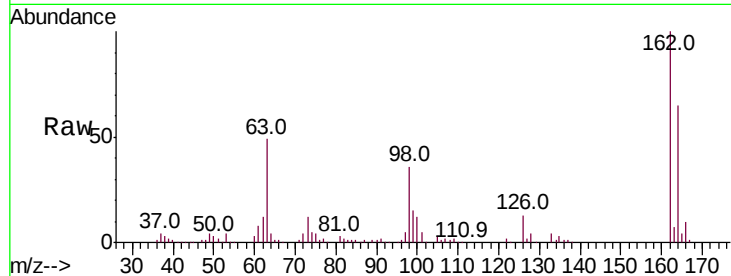




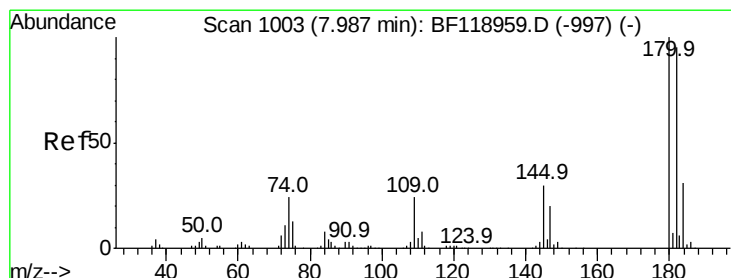
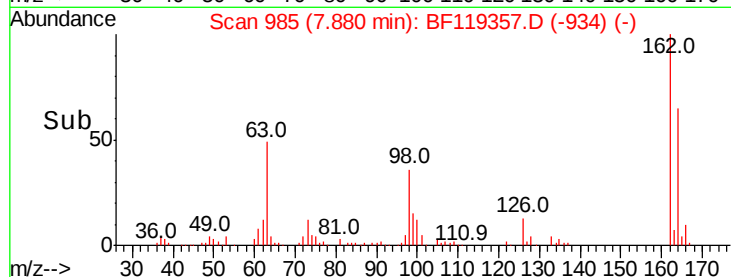
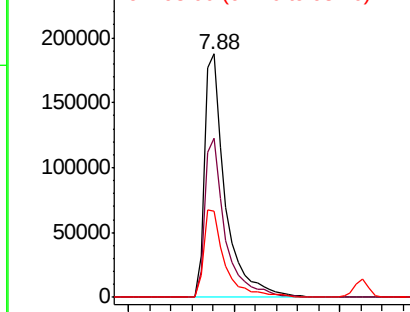
#29
2,4-Dichlorophenol
Concen: 41.302 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.2	85.2
98	35.6	17.4	57.4

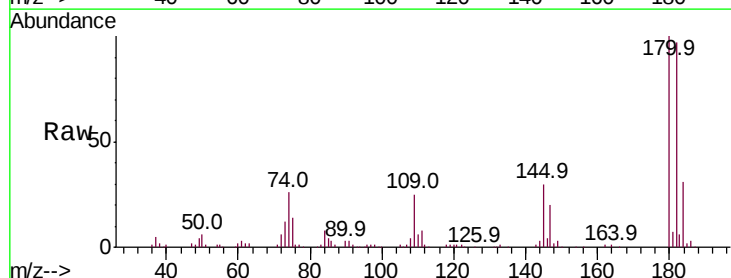


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

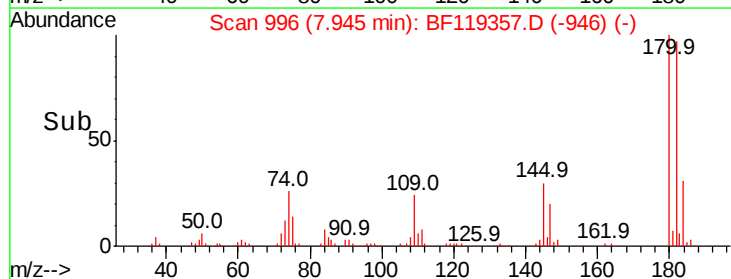
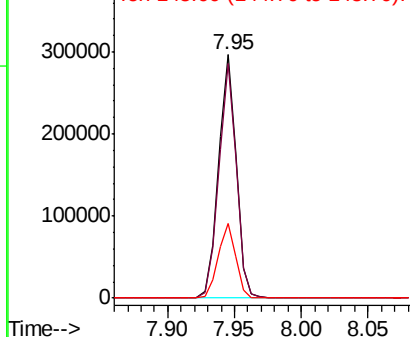


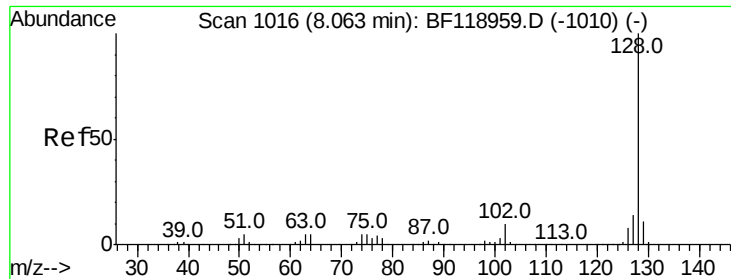
#30
1,2,4-Trichlorobenzene
Concen: 38.118 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.8	116.6
145	30.5	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

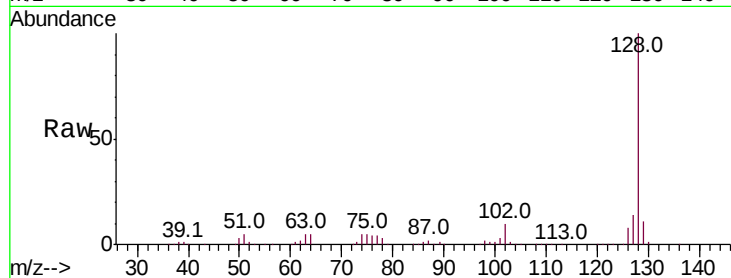




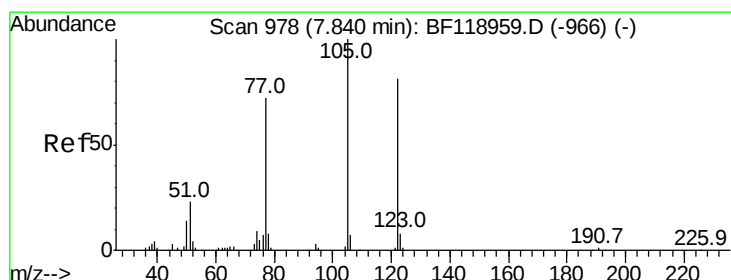
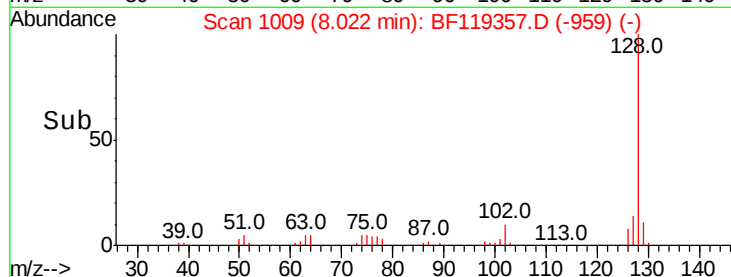
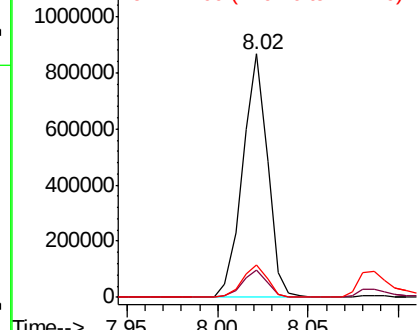
#31
Naphthalene
Concen: 41.199 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 828792
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.5 11.4 17.2

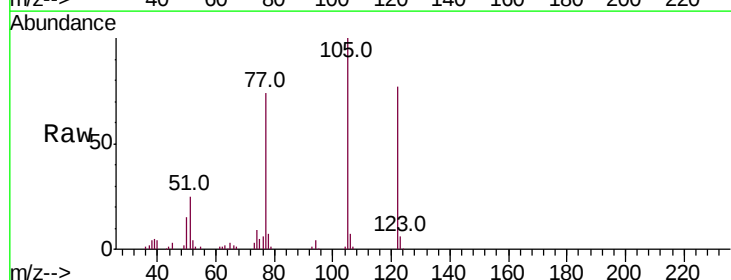


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

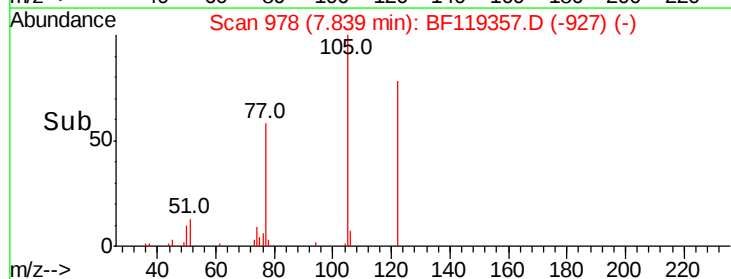
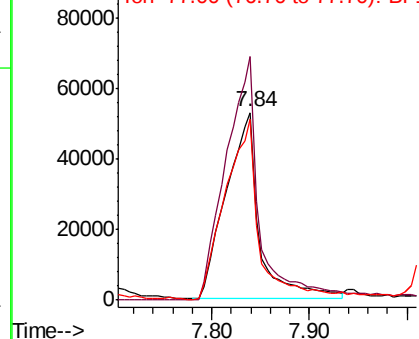


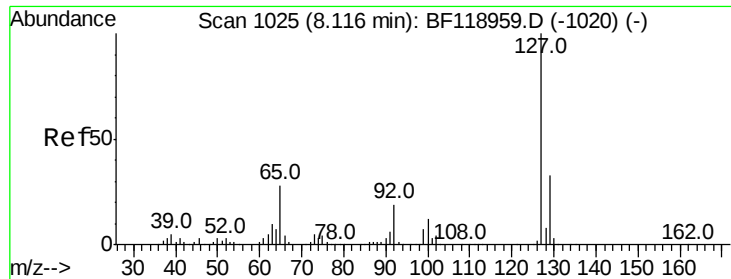
#32
Benzoic acid
Concen: 35.025 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:122 Resp: 125519
Ion Ratio Lower Upper
122 100
105 130.0 106.3 146.3
77 96.4 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

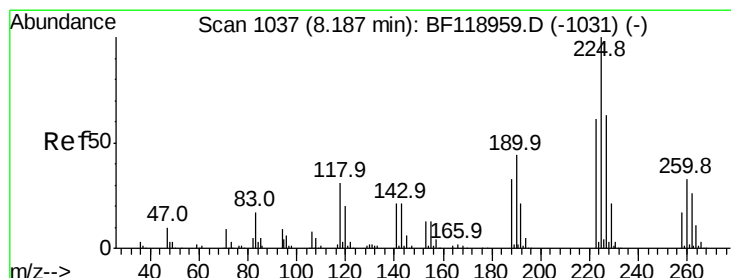
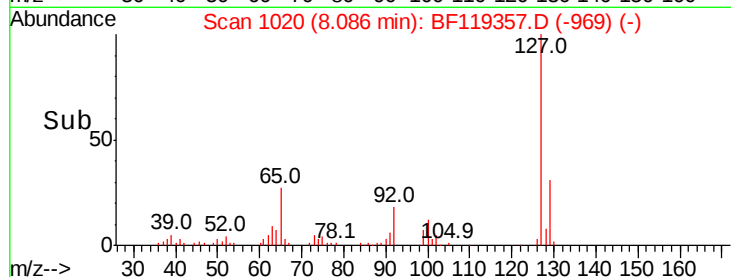
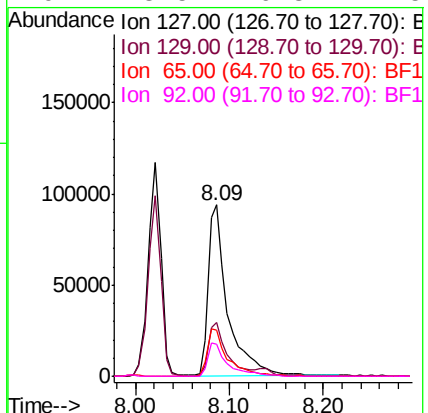
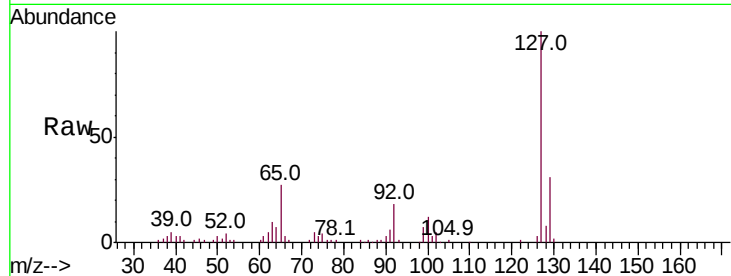




#33
4-Chloroaniline
Concen: 15.803 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

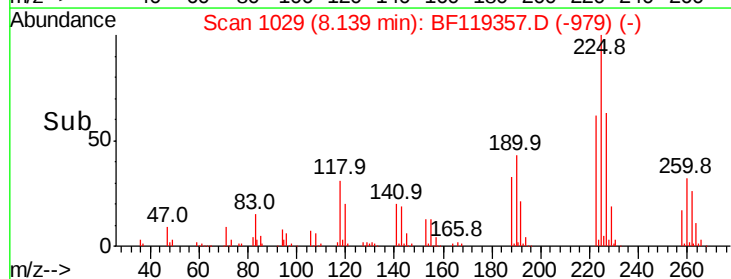
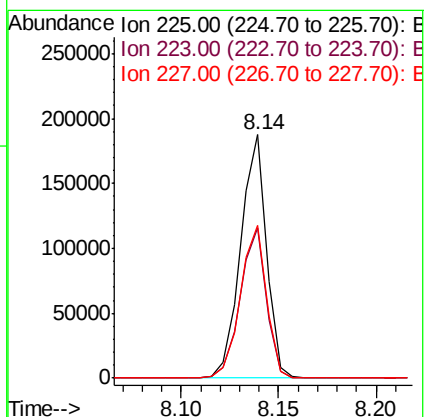
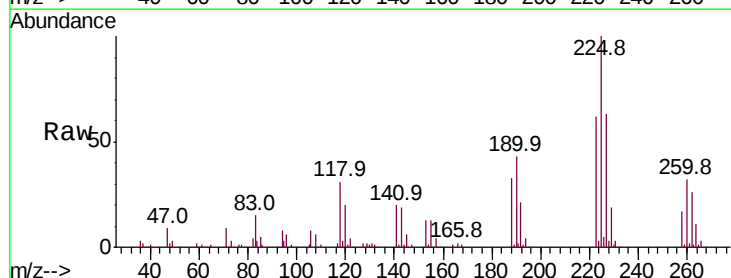
Instrument :
BNA_F
ClientSampleId :

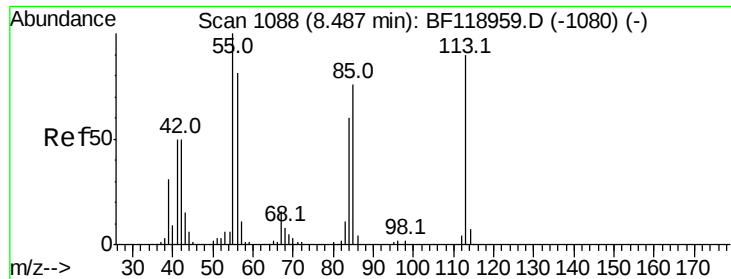
Tot Ion:	127	Resp:	136731
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	27.1	23.9	35.9
92	18.5	16.3	24.5



#34
Hexachlorobutadiene
Concen: 37.935 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:	225	Resp:	172306
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.4	74.2
227	62.9	52.9	79.3

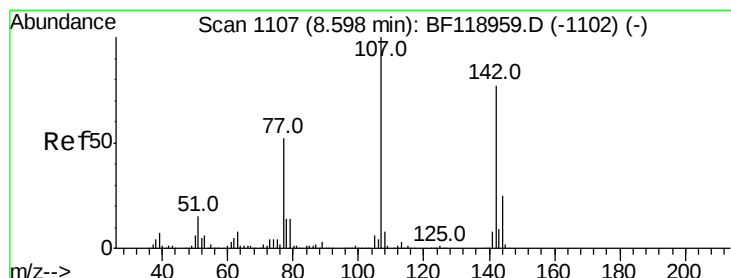
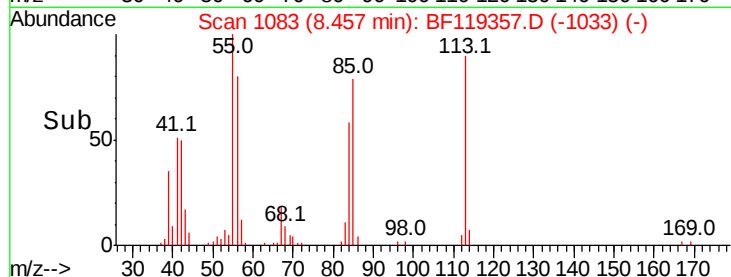
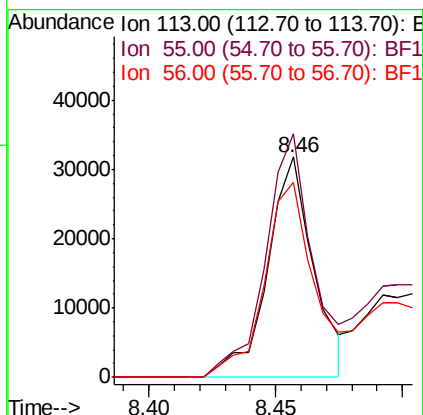
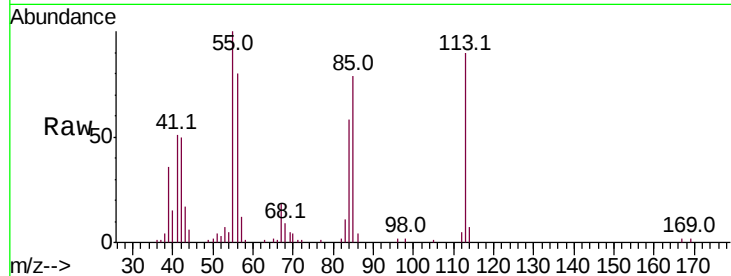




#35
Caprolactam
Concen: 21.278 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

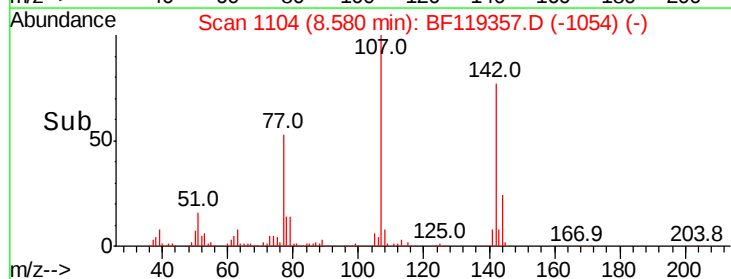
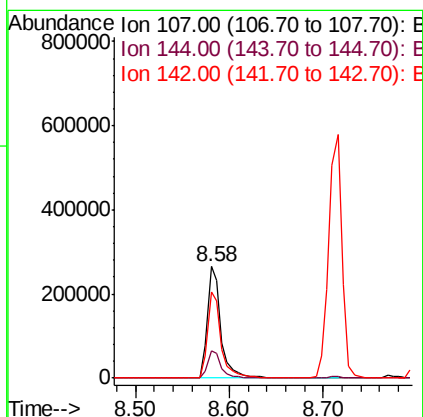
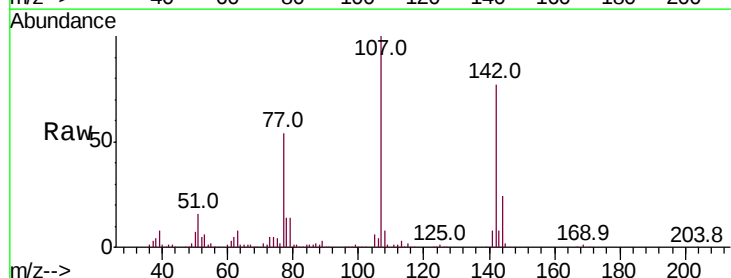
Instrument :
BNA_F
ClientSampled :

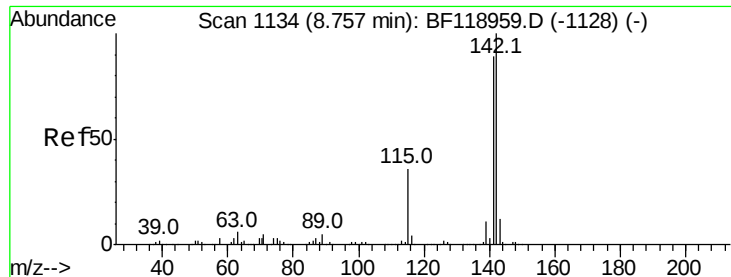
Tot Ion:113 Resp: 40295
Ion Ratio Lower Upper
113 100
55 110.5 95.7 135.7
56 88.4 73.1 113.1



#36
4-Chloro-3-methylphenol
Concen: 43.272 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:107 Resp: 269336
Ion Ratio Lower Upper
107 100
144 24.1 20.1 30.1
142 76.8 61.4 92.2





#37

2-Methylnaphthalene

Concen: 42.157 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

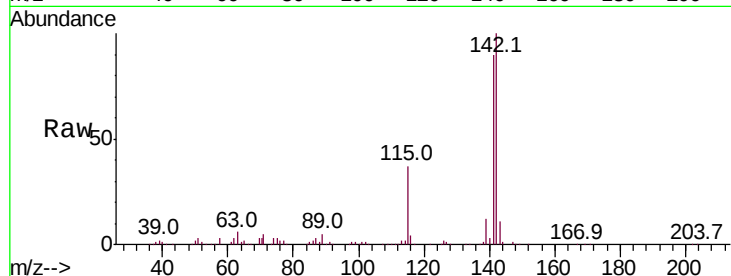
Tot Ion:142 Resp: 570726

Ion Ratio Lower Upper

142 100

141 89.8 72.3 108.5

115 36.9 30.6 45.8

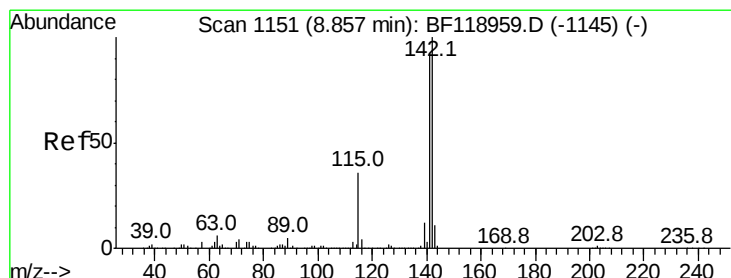
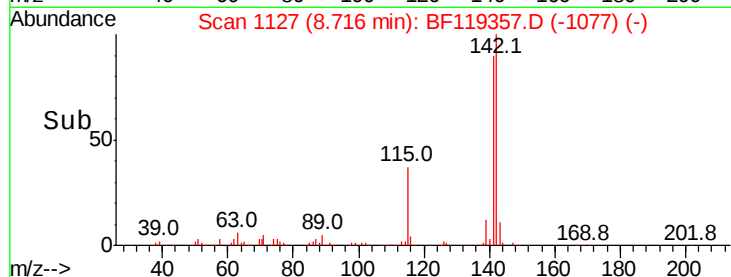
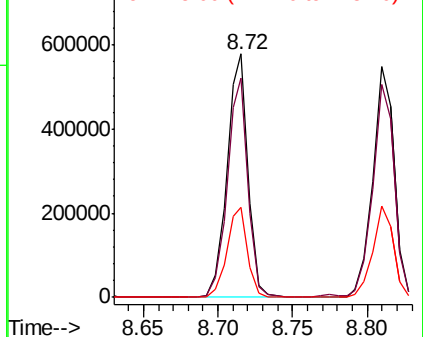


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.002 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

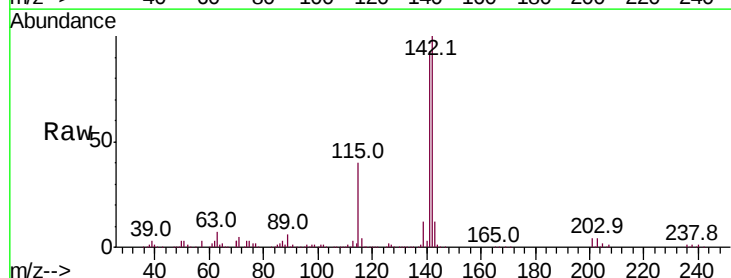
Tgt Ion:142 Resp: 534764

Ion Ratio Lower Upper

142 100

141 92.6 75.8 113.6

116 4.1 3.1 4.7

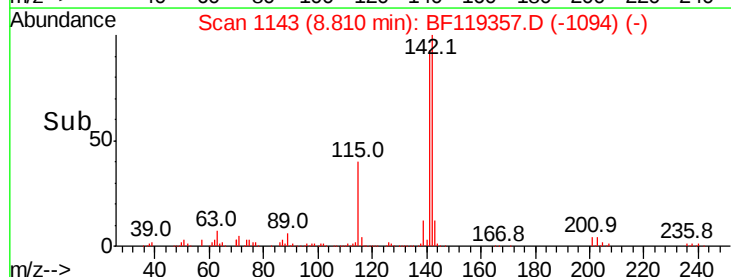
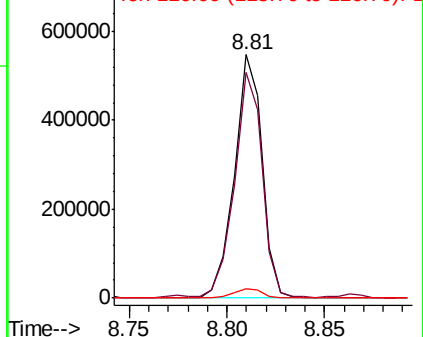


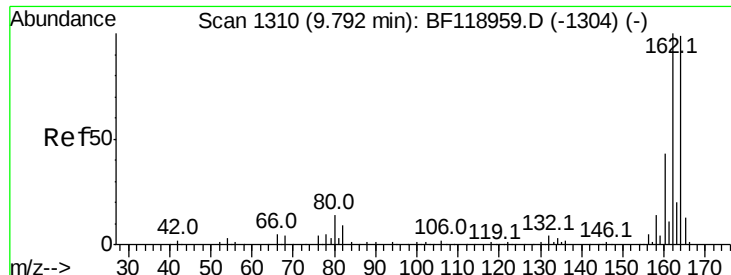
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

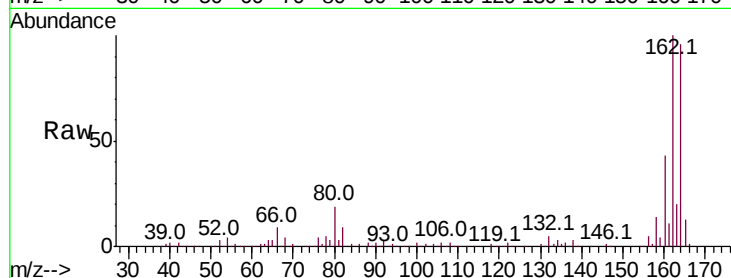
Tot Ion:164 Resp: 219080

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.8

160 44.5 36.0 54.0

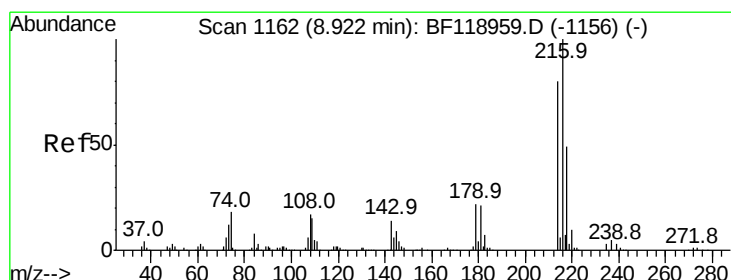
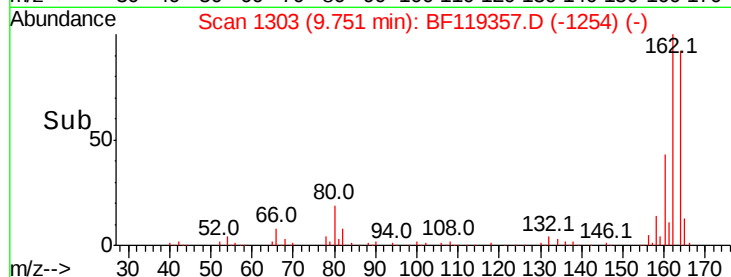
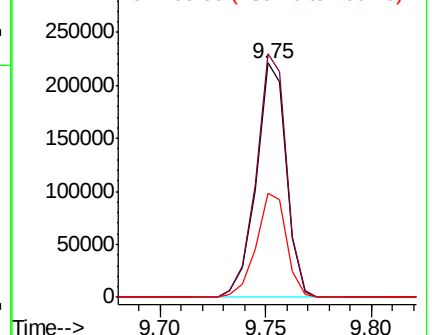


Abundance

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: 38.896 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Tgt Ion:216 Resp: 287303

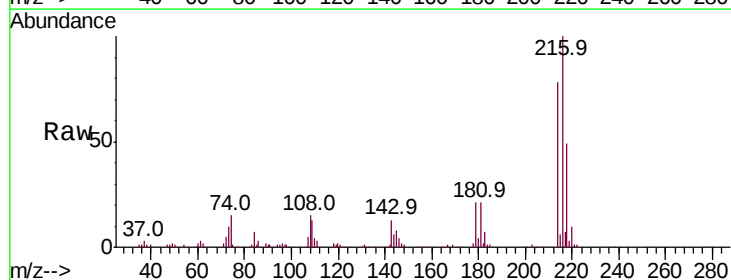
Ion Ratio Lower Upper

216 100

214 77.8 63.3 94.9

179 21.9 17.7 26.5

108 17.0 13.9 20.9



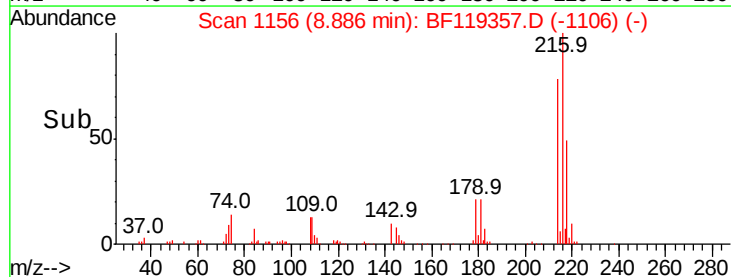
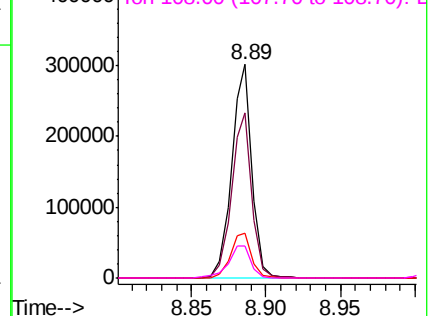
Abundance

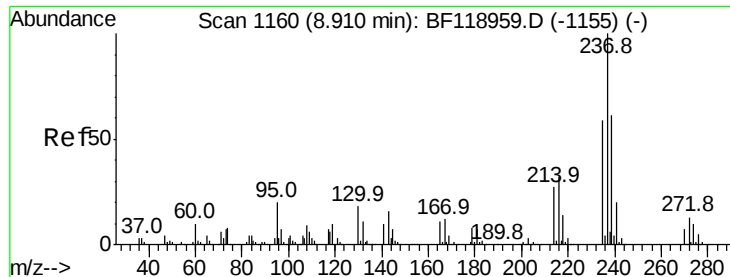
Ion 216.00 (215.70 to 216.70): E

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: 27.118 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

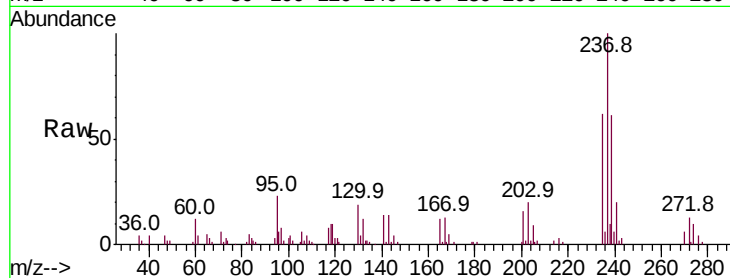
Tot Ion:237 Resp: 53992

Ion Ratio Lower Upper

237 100

235 62.4 42.3 82.3

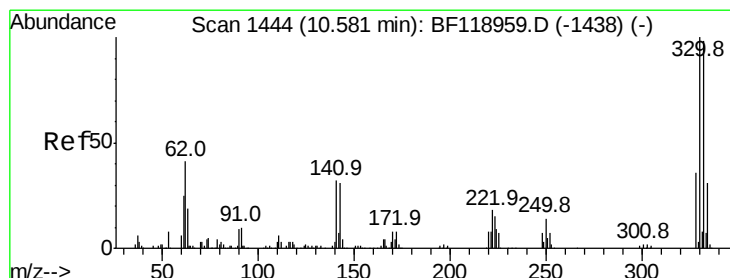
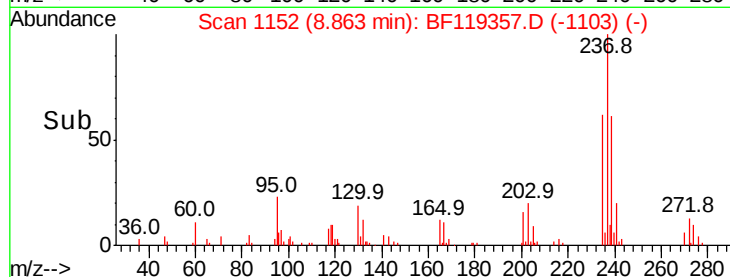
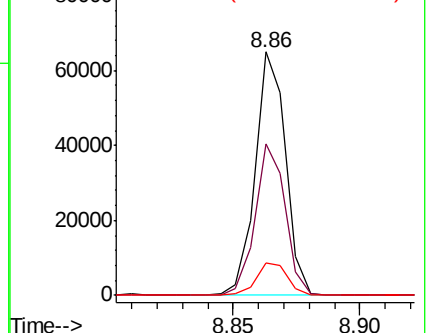
272 13.1 0.0 33.5



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: 92.345 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

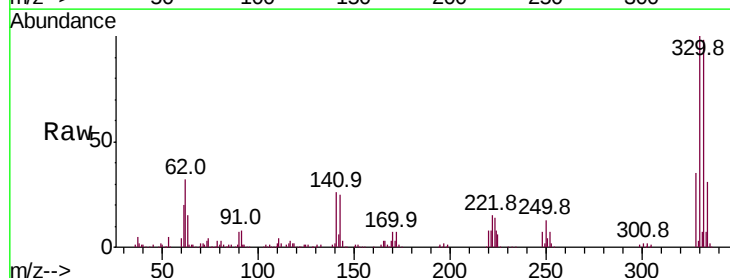
Tgt Ion:330 Resp: 264656

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

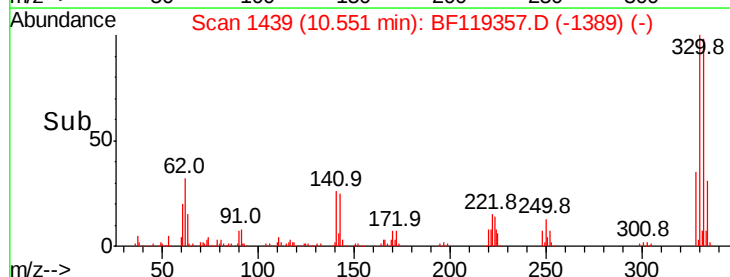
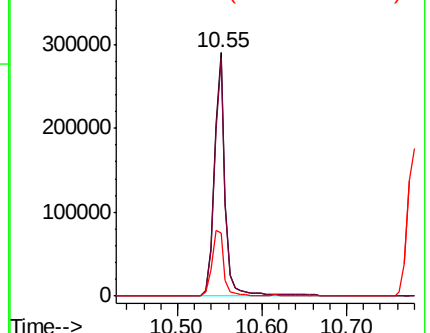
141 29.9 22.9 34.3

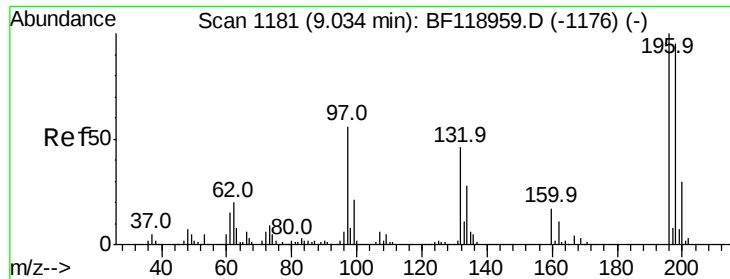


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

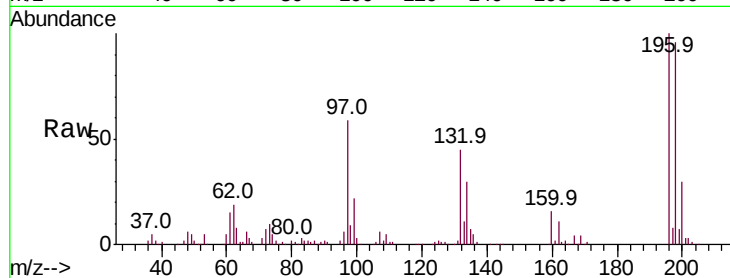




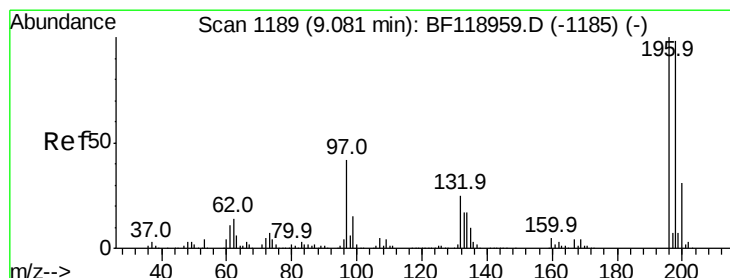
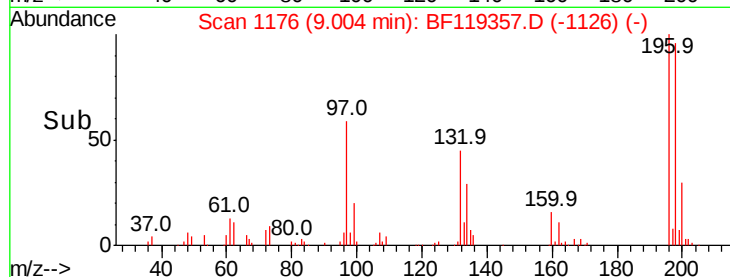
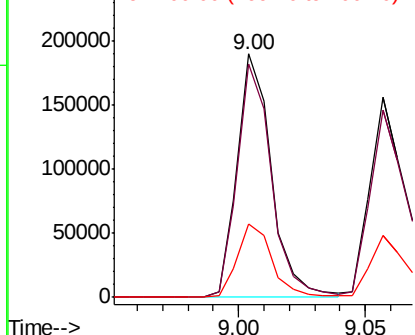
#43
 2,4,6-Trichlorophenol
 Concen: 38.361 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 178934
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.1 115.7
 200 29.9 25.0 37.6



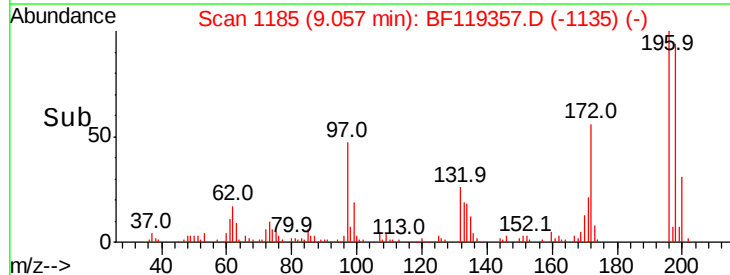
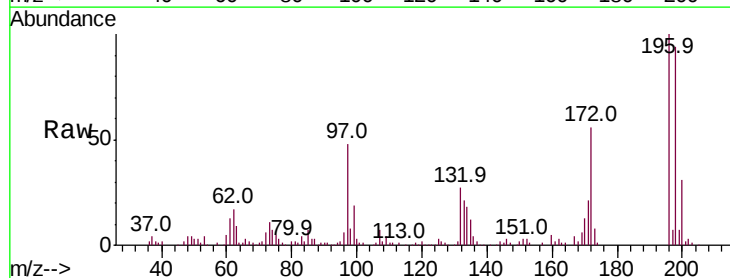
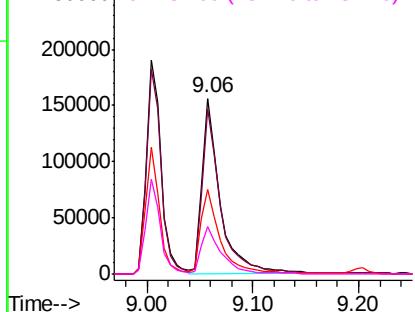
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

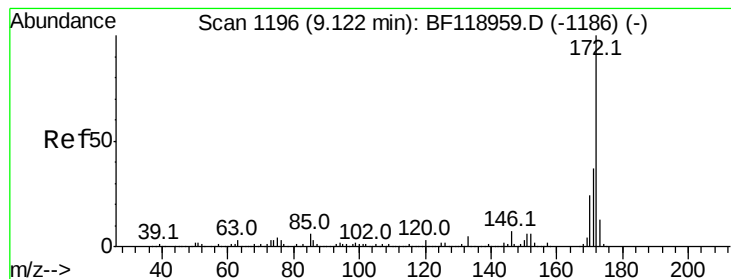


#44
 2,4,5-Trichlorophenol
 Concen: 37.856 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion:196 Resp: 185297
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.8 115.2
 97 48.2 38.5 57.7
 132 26.9 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: 65.626 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

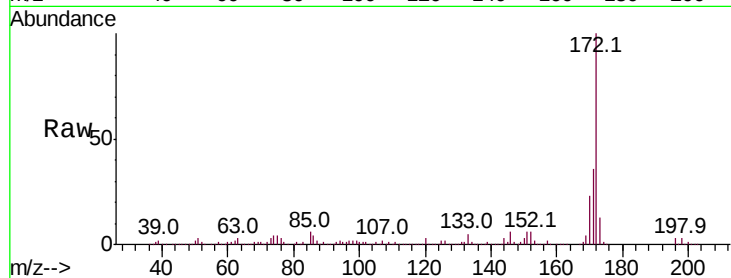
Tot Ion:172 Resp: 975945

Ion Ratio Lower Upper

172 100

171 35.5 30.6 45.8

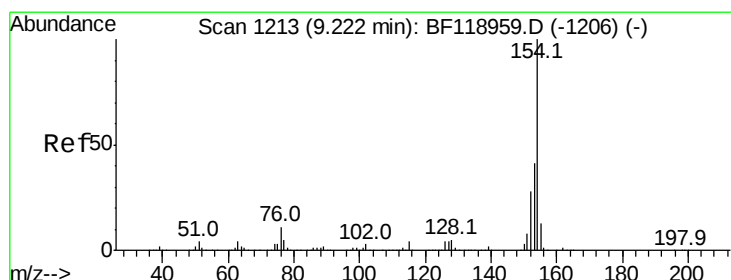
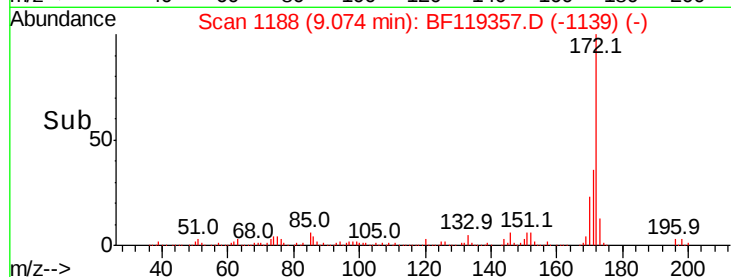
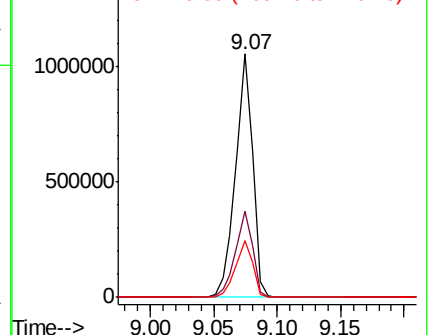
170 23.5 20.2 30.2



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: 39.386 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

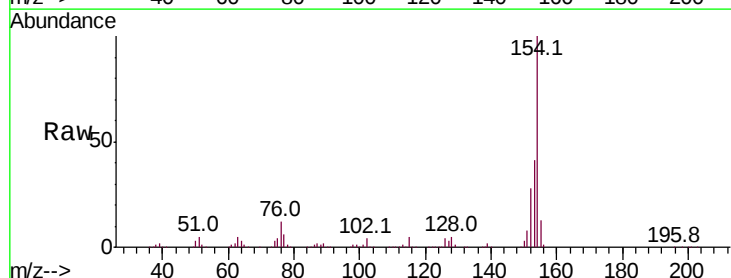
Tgt Ion:154 Resp: 697370

Ion Ratio Lower Upper

154 100

153 40.9 22.8 62.8

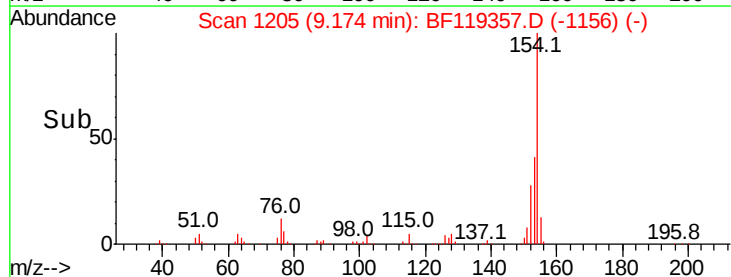
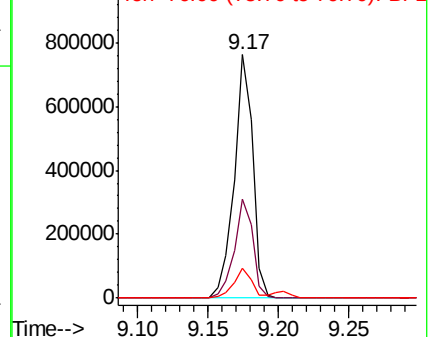
76 12.3 0.0 32.2

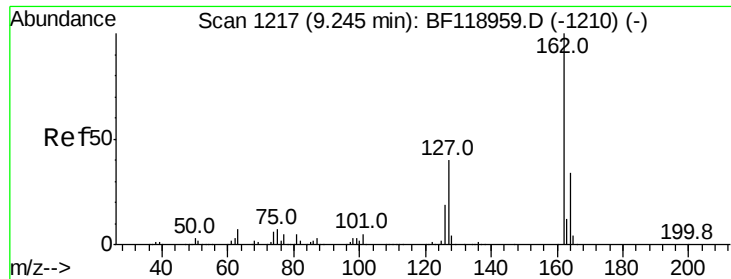


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.990 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

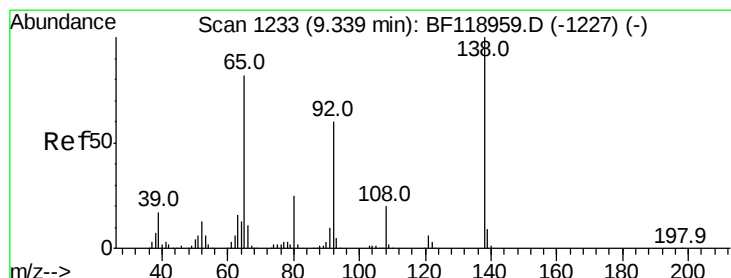
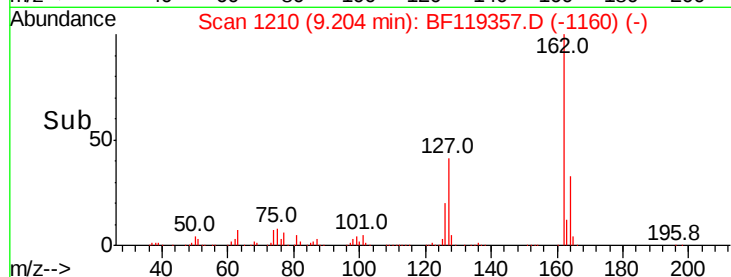
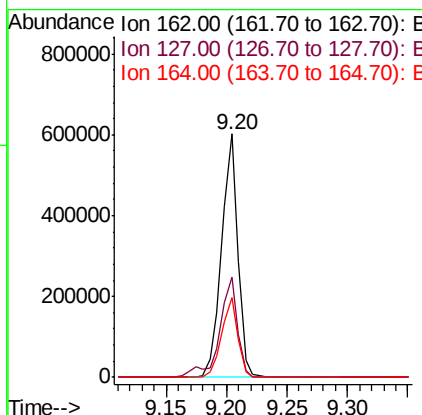
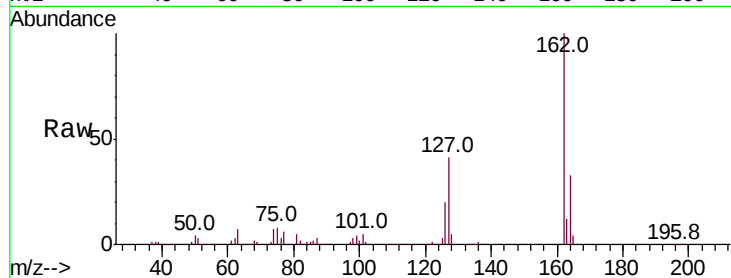
Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 556329

Ion	Ratio	Lower	Upper
162	100		
127	41.2	35.0	52.4
164	32.8	27.2	40.8



#48

2-Nitroaniline

Concen: 40.426 ng

RT: 9.31 min Scan# 1228

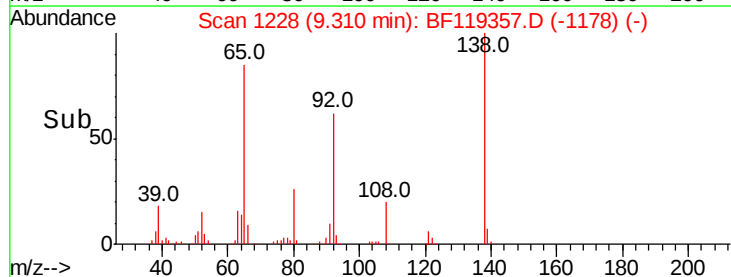
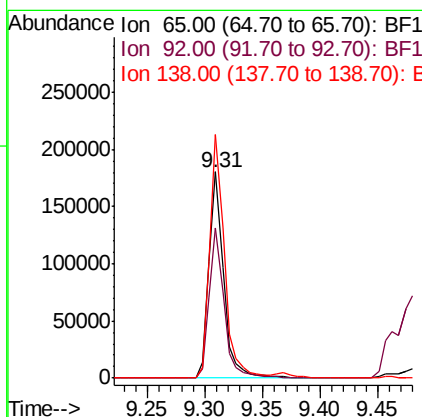
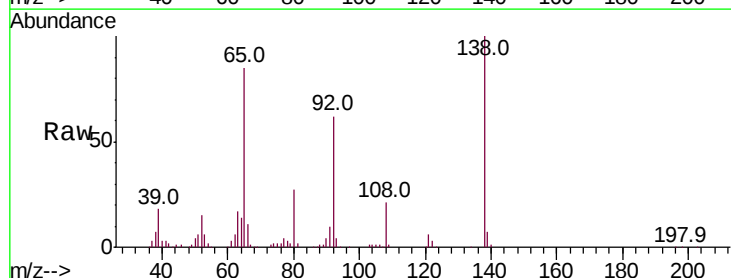
Delta R.T. -0.01 min

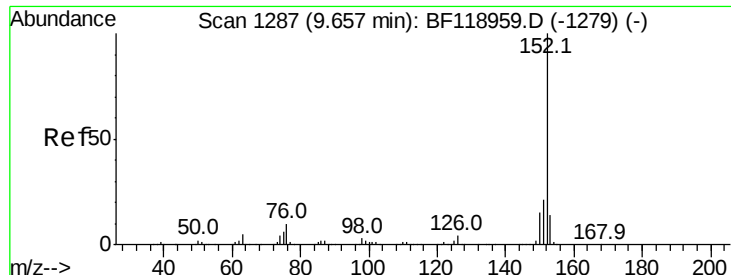
Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Tgt Ion: 65 Resp: 160883

Ion	Ratio	Lower	Upper
65	100		
92	72.7	58.2	87.2
138	117.9	95.6	143.4





#49

Acenaphthylene

Concen: 41.230 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

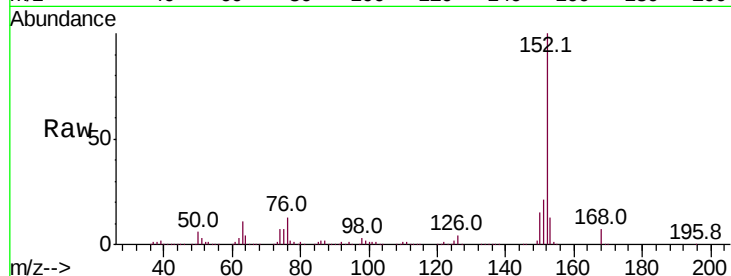
Tot Ion:152 Resp: 849673

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

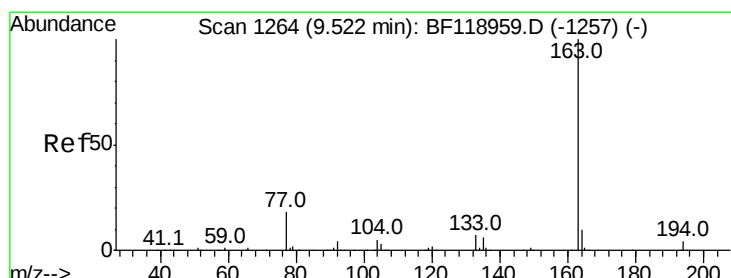
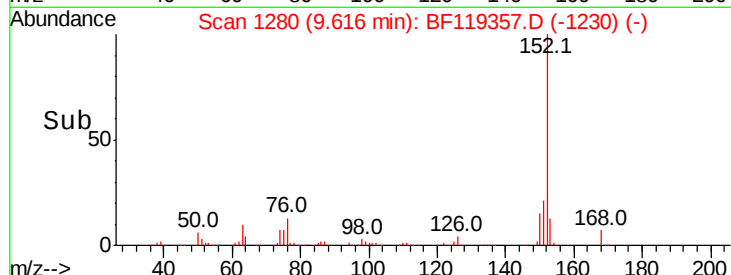
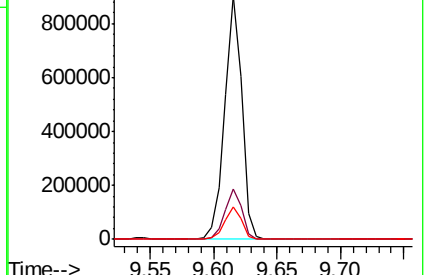
153 13.4 11.0 16.6



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: 45.650 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

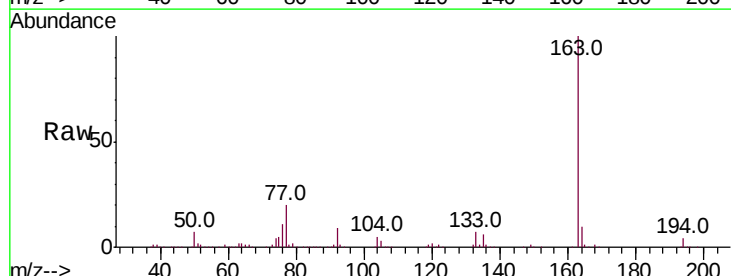
Tgt Ion:163 Resp: 764756

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

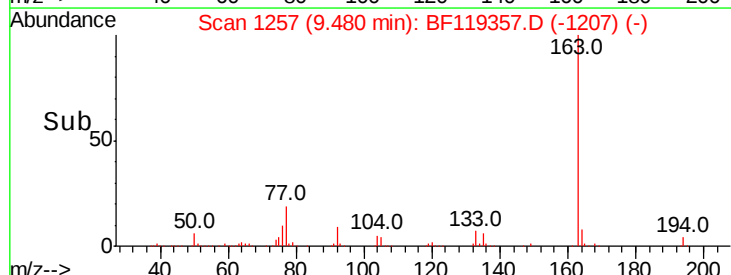
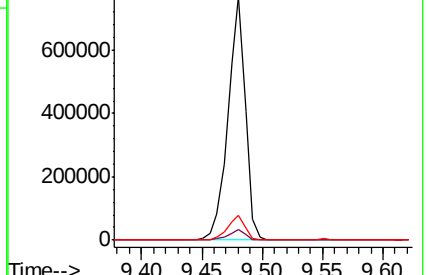
164 10.1 8.4 12.6

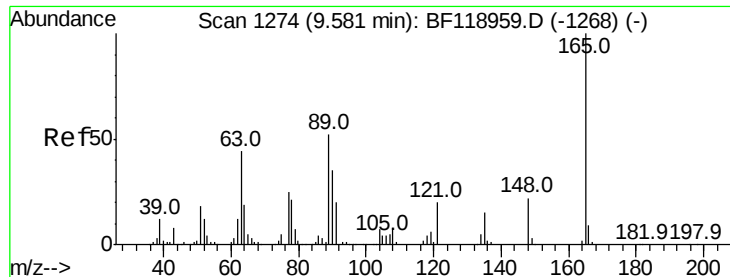


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.069 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

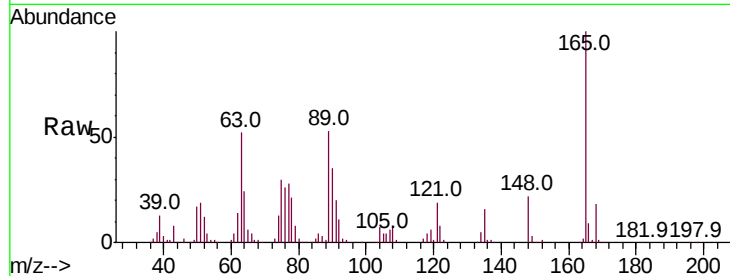
Tot Ion:165 Resp: 152856

Ion Ratio Lower Upper

165 100

63 52.0 34.3 51.5#

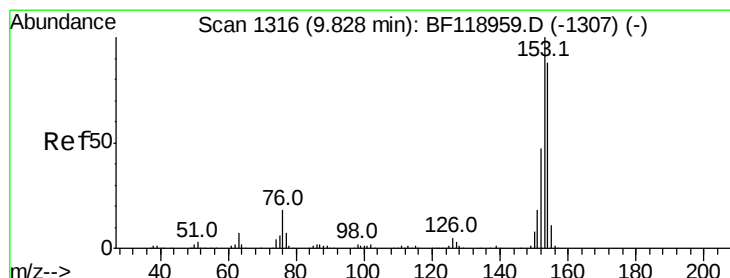
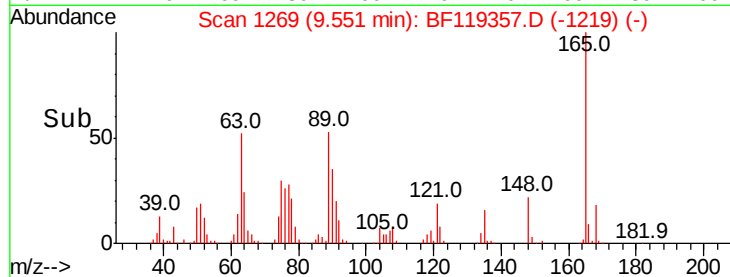
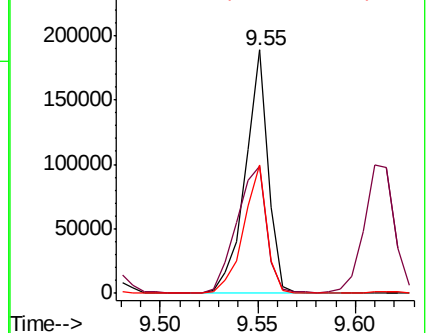
89 52.7 38.3 57.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.341 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

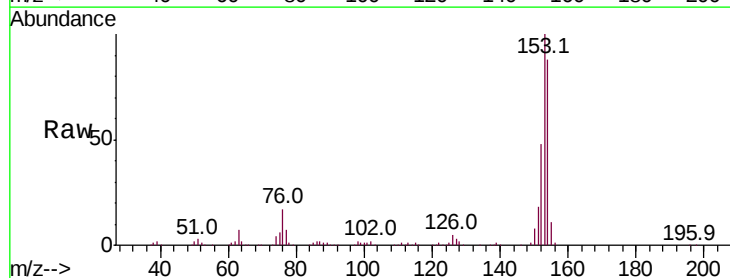
Tgt Ion:154 Resp: 501284

Ion Ratio Lower Upper

154 100

153 113.4 90.3 135.5

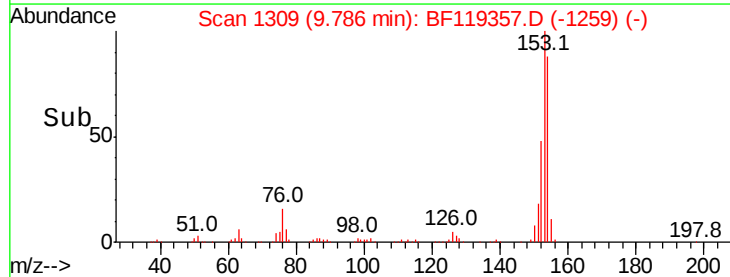
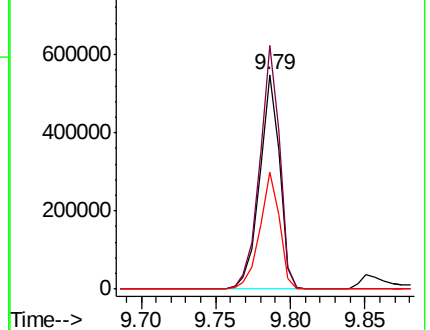
152 54.5 43.8 65.8

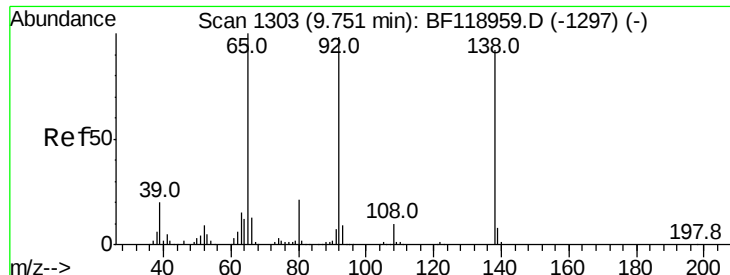


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

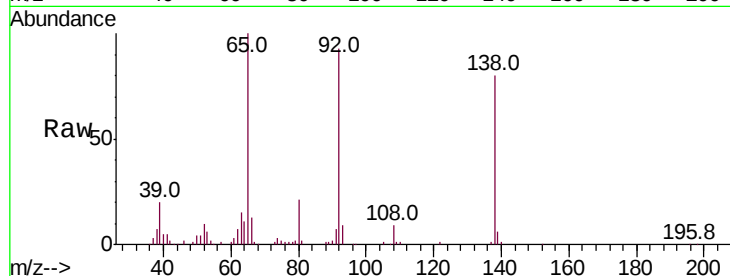




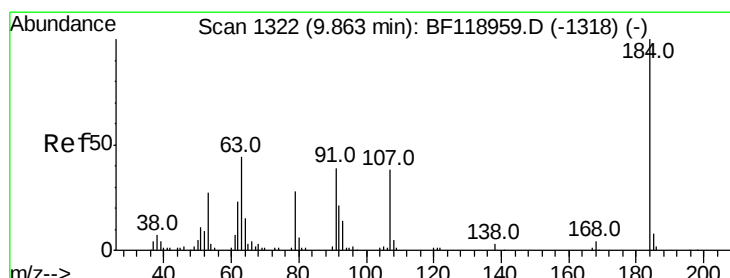
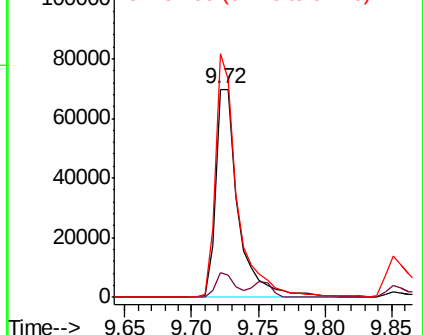
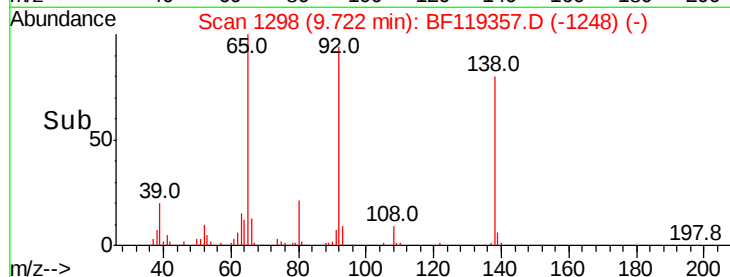
#53
3-Nitroaniline
Concen: 20.363 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 84023
Ion Ratio Lower Upper
138 100
108 11.7 8.8 13.2
92 117.2 84.8 127.2

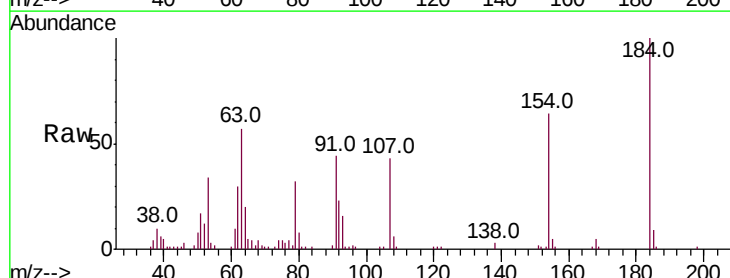


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

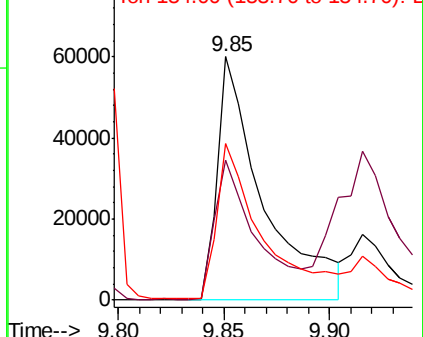
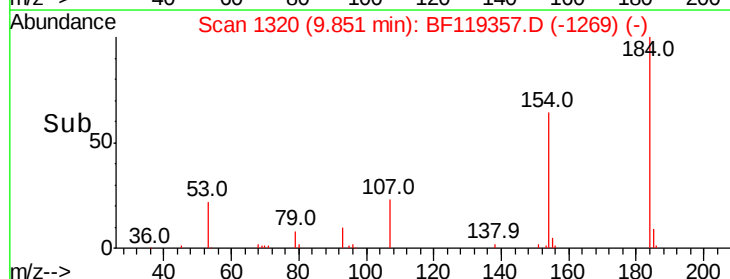


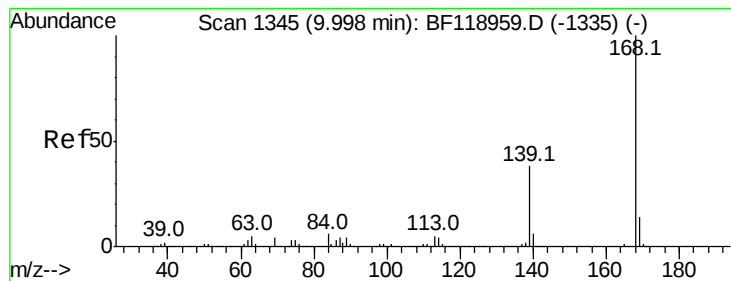
#54
2,4-Dinitrophenol
Concen: 53.003 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:184 Resp: 90847
Ion Ratio Lower Upper
184 100
63 57.3 38.7 58.1
154 64.4 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

Dibenzenofuran

Concen: 41.179 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampled :

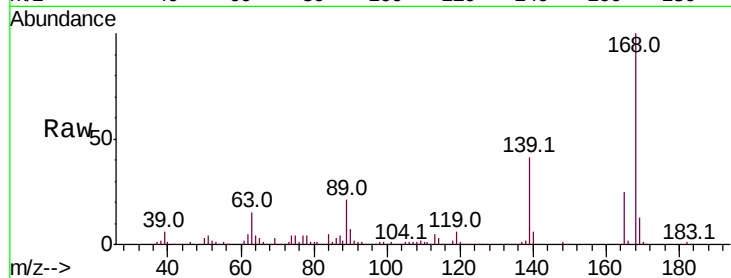
Tot Ion:168 Resp: 763765

Ion Ratio Lower Upper

168 100

139 40.7 34.0 51.0

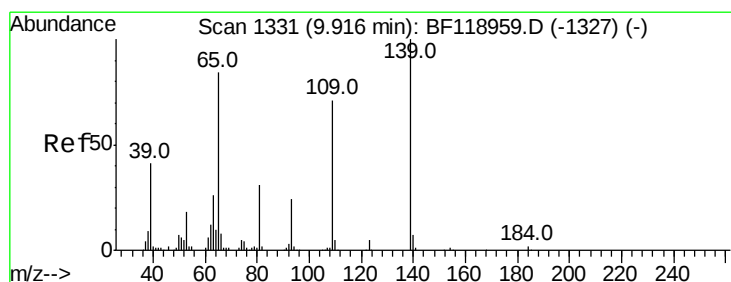
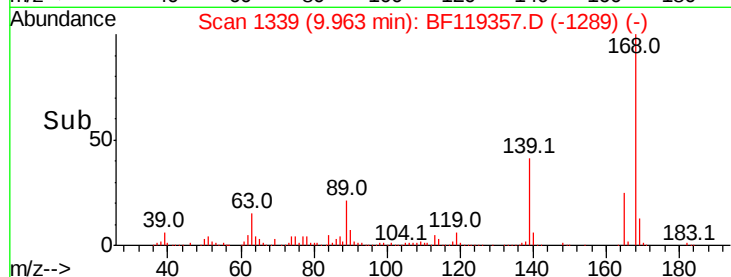
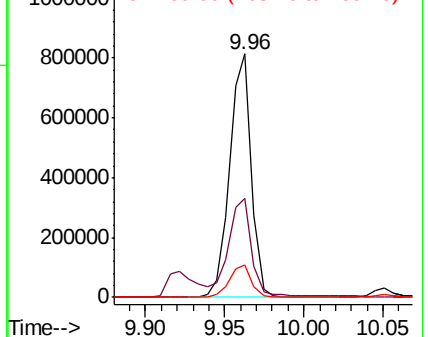
169 13.2 11.0 16.4



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: 45.107 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

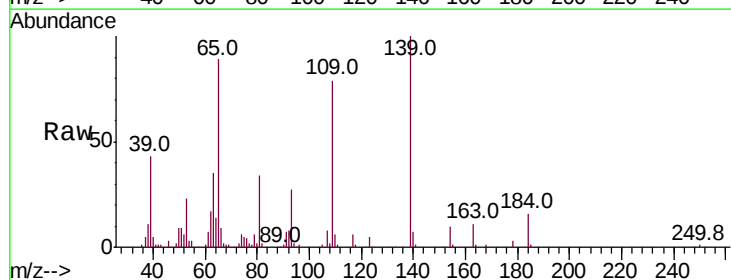
Tgt Ion:139 Resp: 111826

Ion Ratio Lower Upper

139 100

109 79.1 56.7 96.7

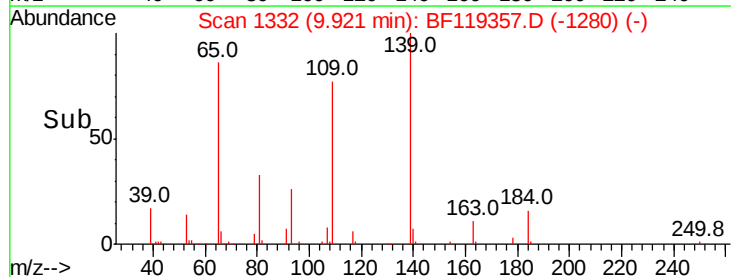
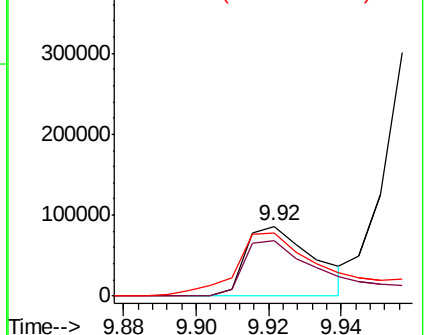
65 89.5 65.0 105.0

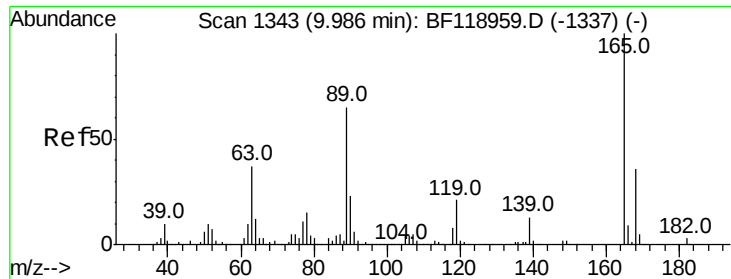


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

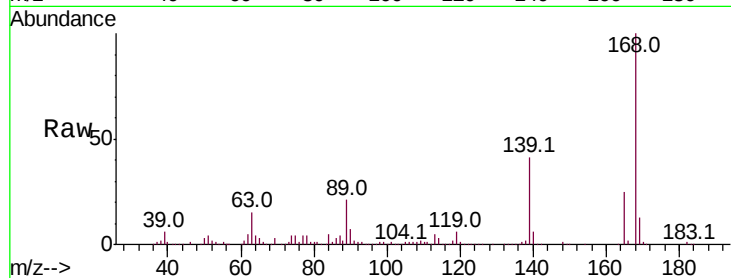




#57
 2,4-Dinitrotoluene
 Concen: 41.472 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	200076
Ion	Ratio	Lower	Upper
165	100		
63	61.8	42.3	63.5
89	84.2	60.2	90.4
182	3.0	2.3	3.5



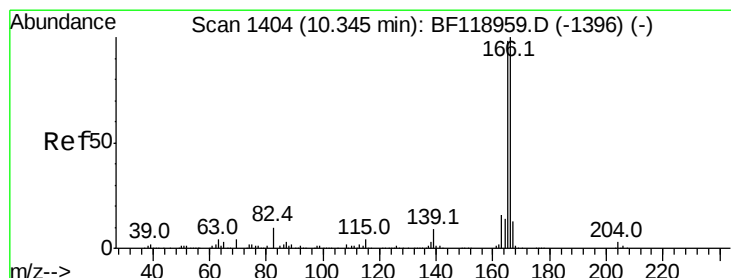
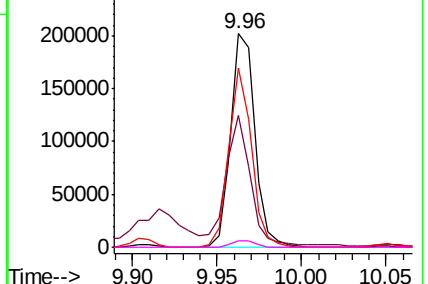
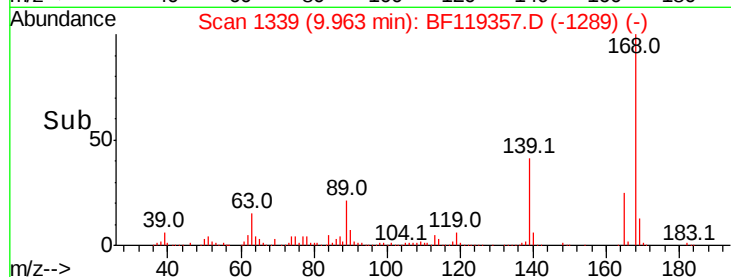
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

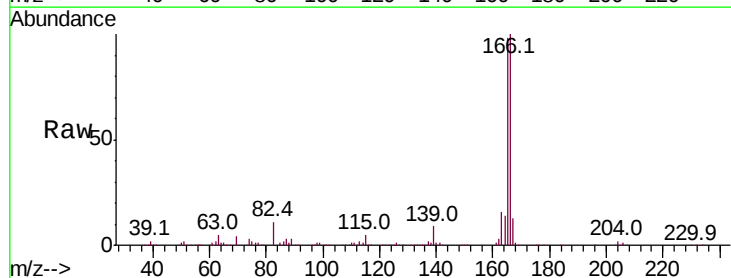
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 43.152 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion:	166	Resp:	621924
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.5	117.7
167	13.3	11.0	16.4

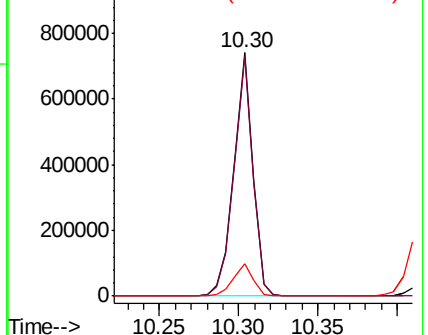
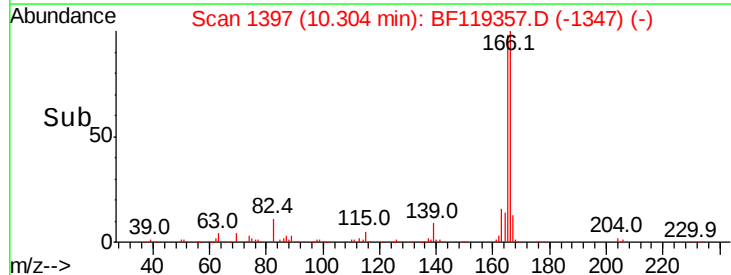


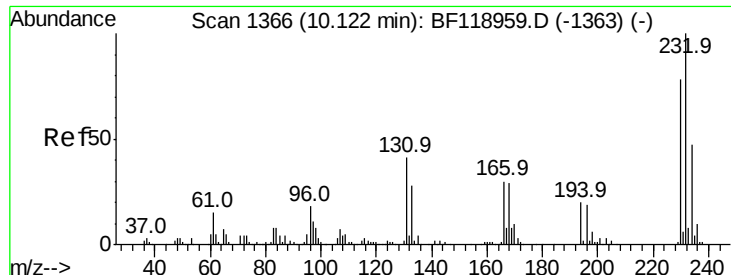
Abundance

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

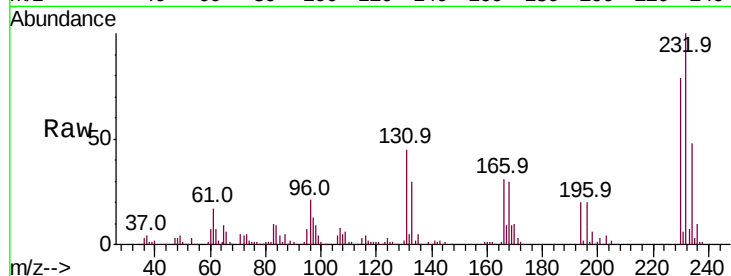




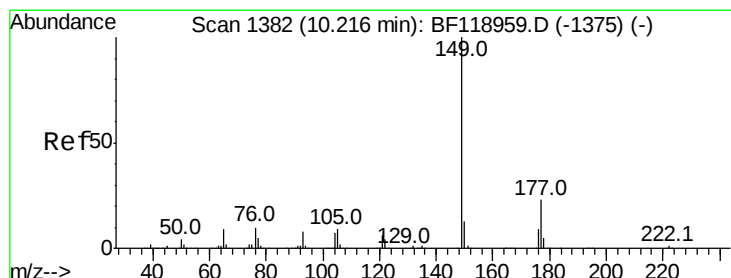
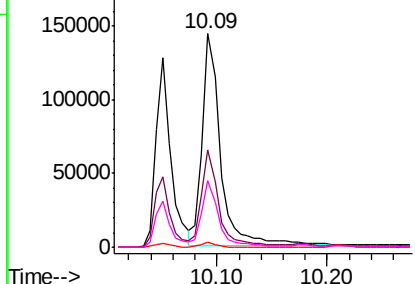
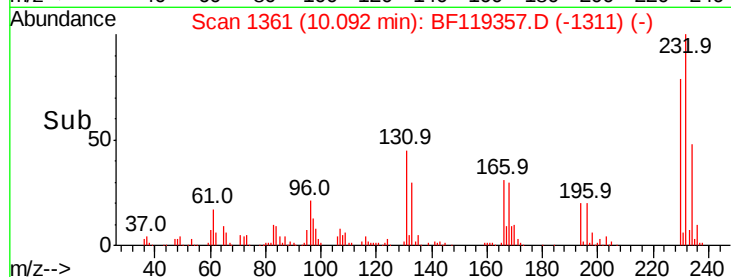
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.052 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 161290
Ion Ratio Lower Upper
232 100
131 42.4 33.8 50.8
130 2.2 1.8 2.6
166 27.7 23.0 34.4

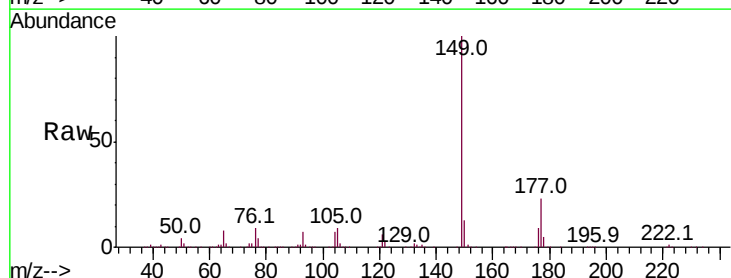


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

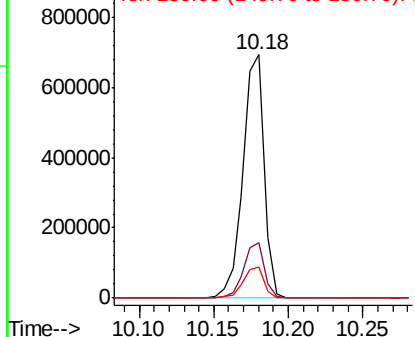
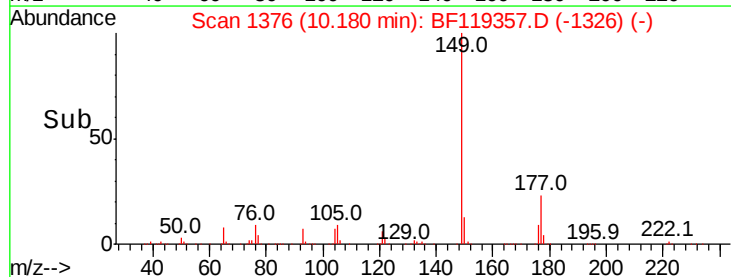


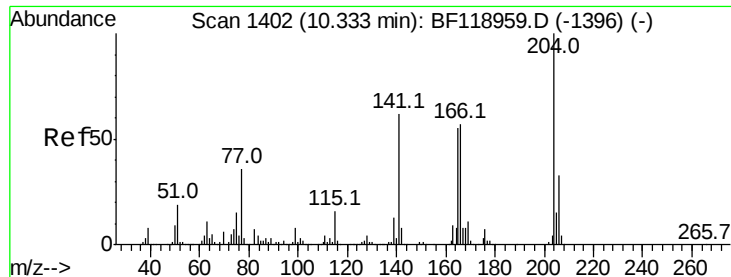
#60
Diethylphthalate
Concen: 43.158 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:149 Resp: 681357
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

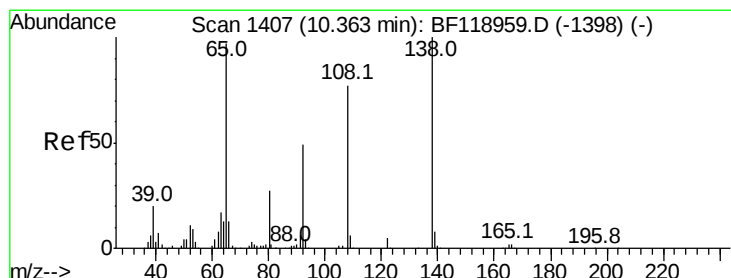
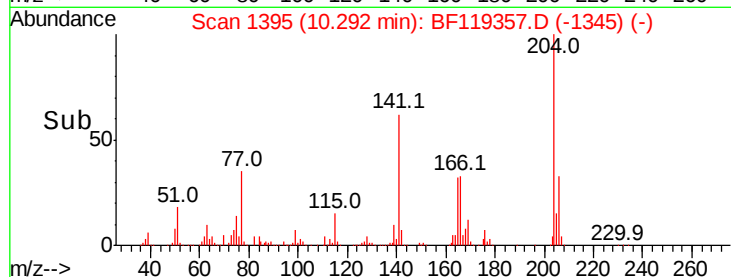
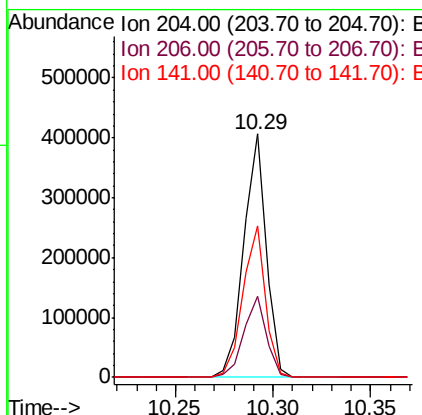
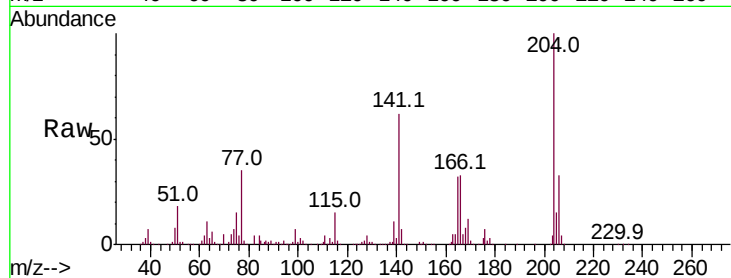




#61
4-Chlorophenyl-phenylether
Concen: 42.746 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

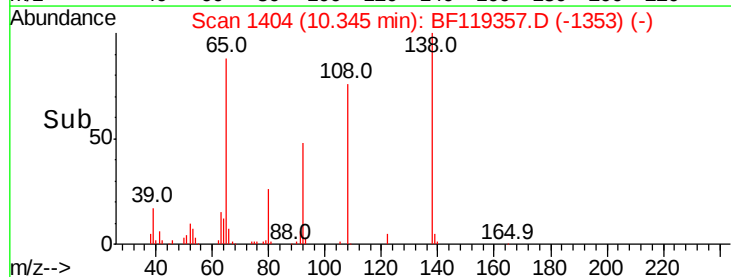
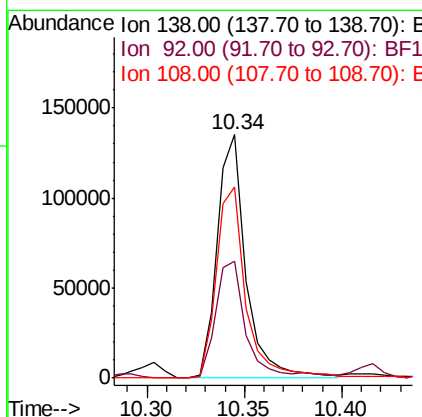
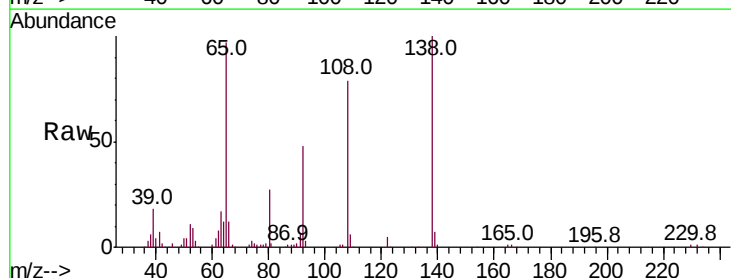
Instrument :
BNA_F
ClientSampled :

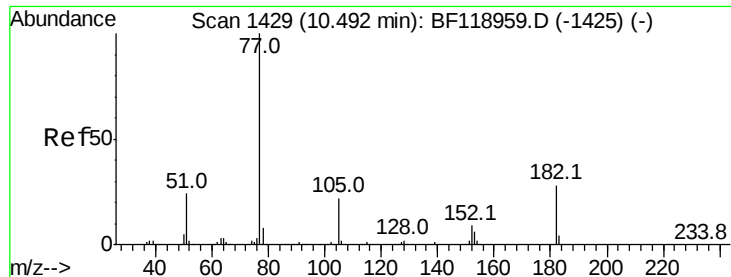
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.1	40.7
141	62.1	52.9	79.3



#62
4-Nitroaniline
Concen: 32.872 ng
RT: 10.34 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	27.3	67.3
108	78.5	57.0	97.0

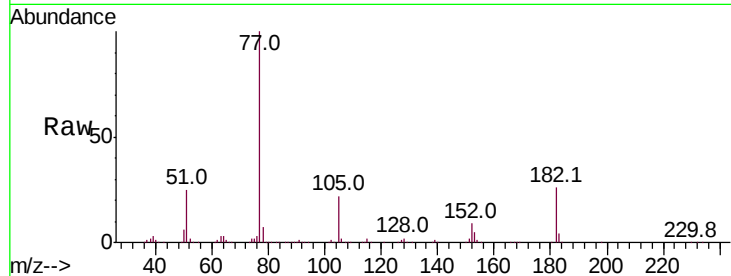




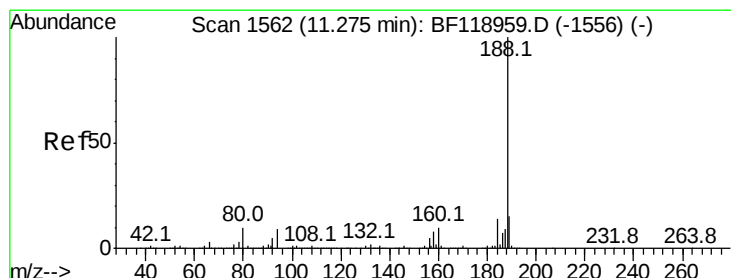
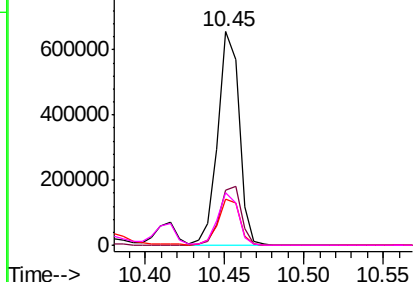
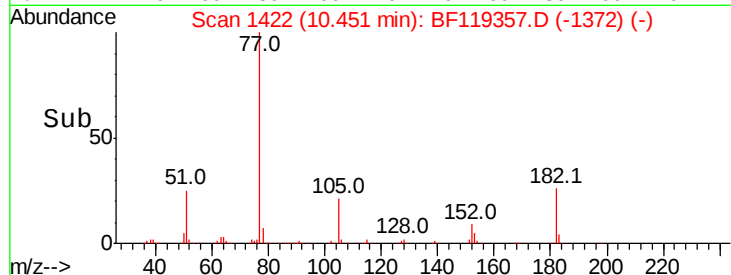
#63
Azobenzene
Concen: 44.547 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 611302
Ion Ratio Lower Upper
77 100
182 25.7 11.4 51.4
105 21.7 3.4 43.4
51 24.8 5.1 45.1

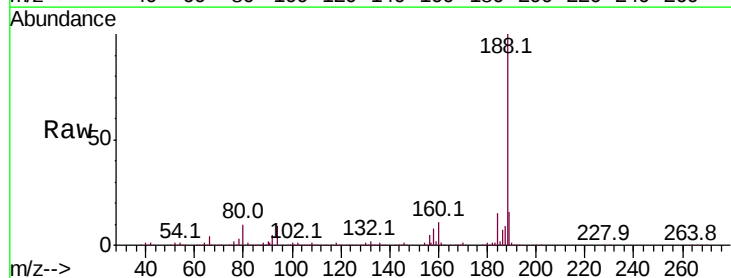


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

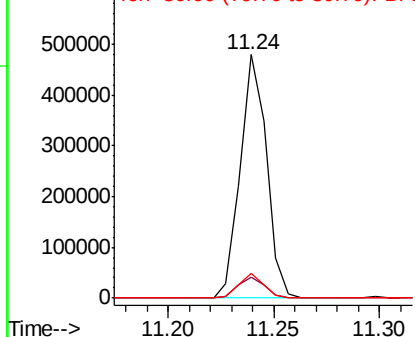
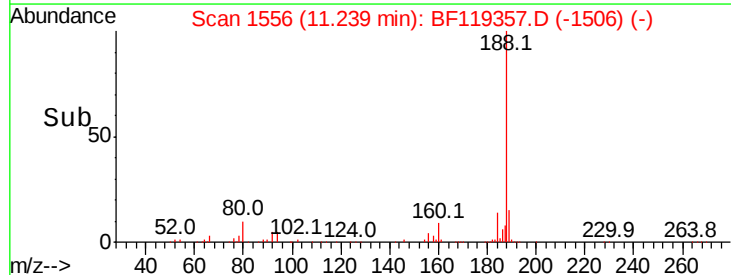


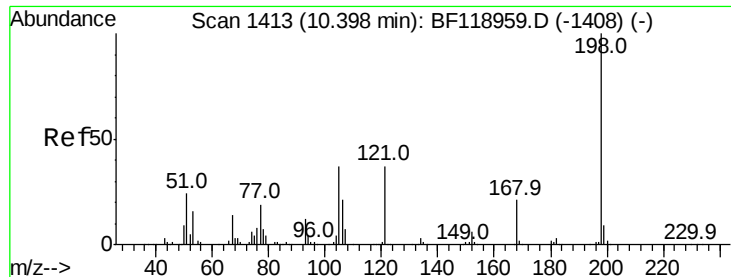
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:188 Resp: 412804
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 10.2 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: 37.549 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

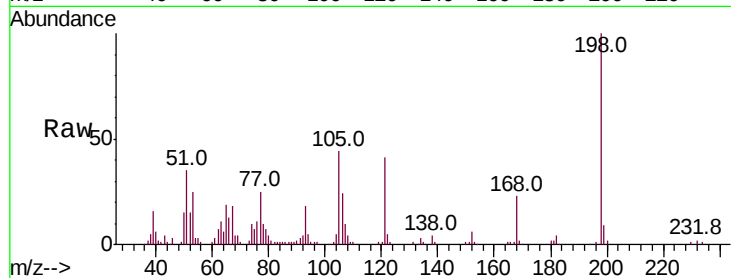
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 93796

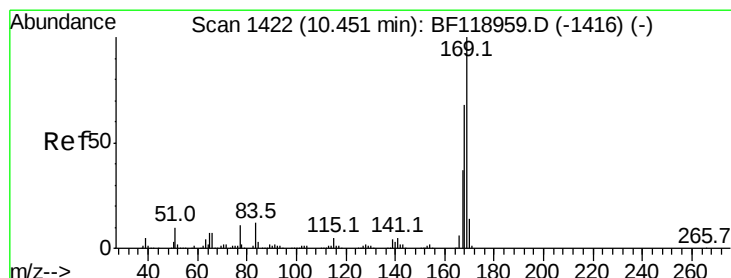
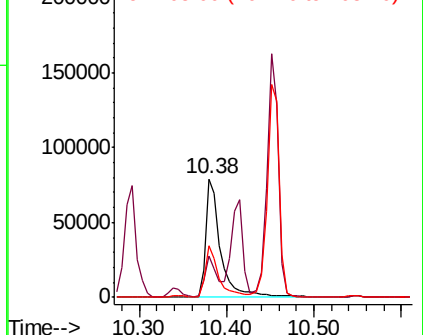
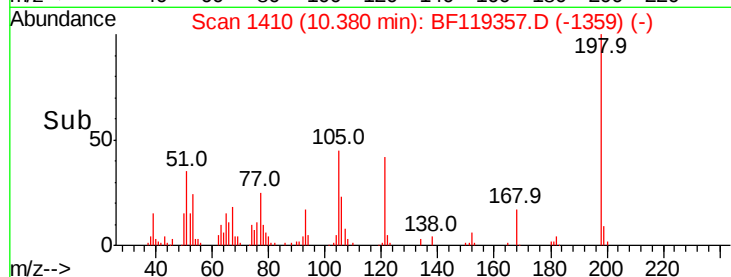
Ion	Ratio	Lower	Upper
198	100		
51	34.8	14.2	54.2
105	43.9	22.7	62.7



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: 41.741 ng

RT: 10.42 min Scan# 1416

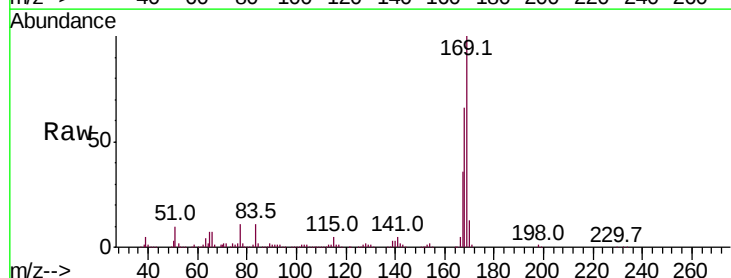
Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Tgt Ion:169 Resp: 564196

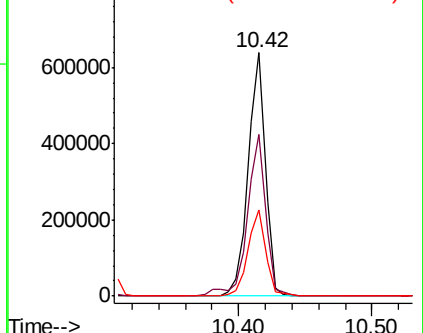
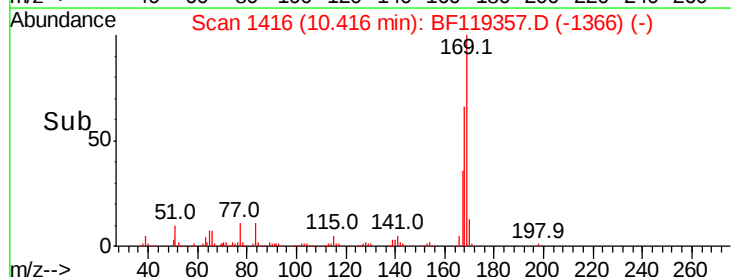
Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.1	81.1
167	35.5	29.4	44.0

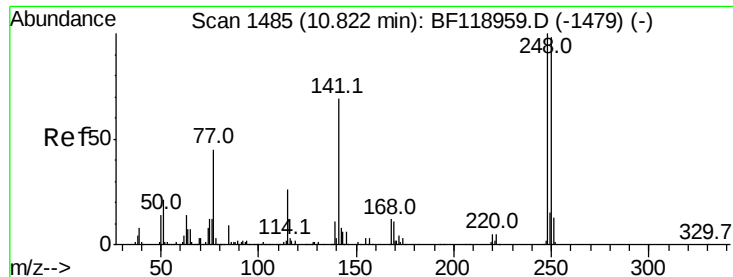


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.481 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

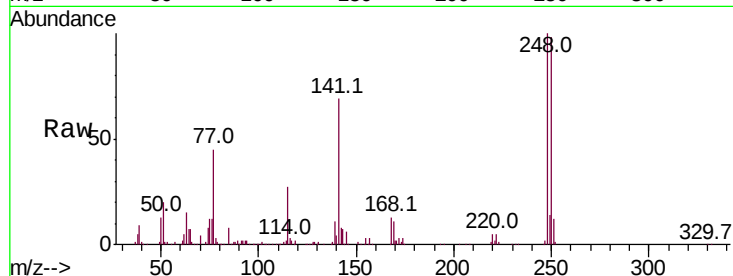
Tot Ion:248 Resp: 213032

Ion Ratio Lower Upper

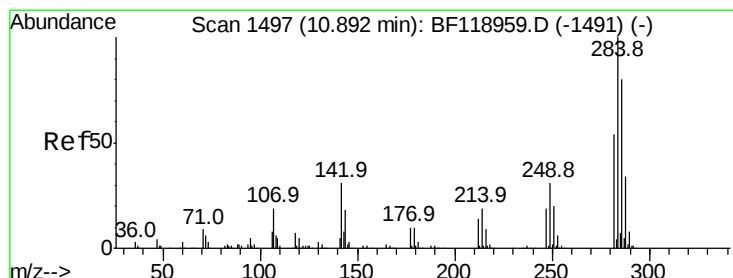
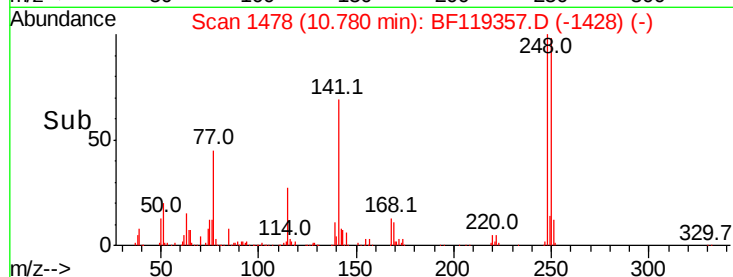
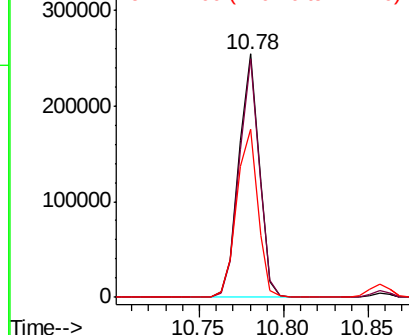
248 100

250 97.8 76.7 115.1

141 69.0 60.7 91.1



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



#68

Hexachlorobenzene

Concen: 39.106 ng

RT: 10.86 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

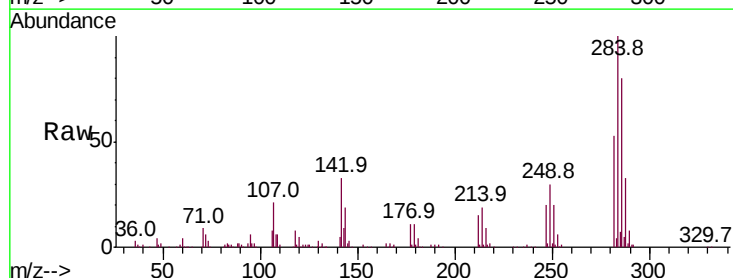
Tgt Ion:284 Resp: 243284

Ion Ratio Lower Upper

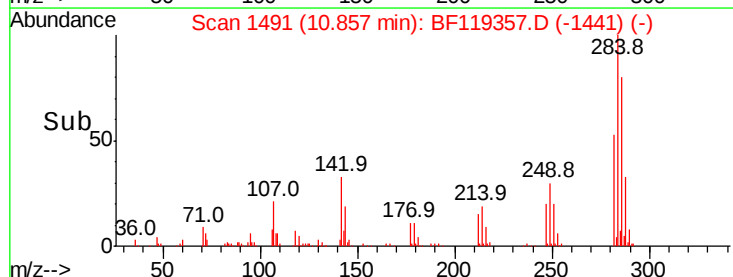
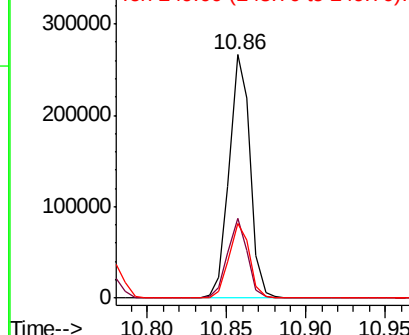
284 100

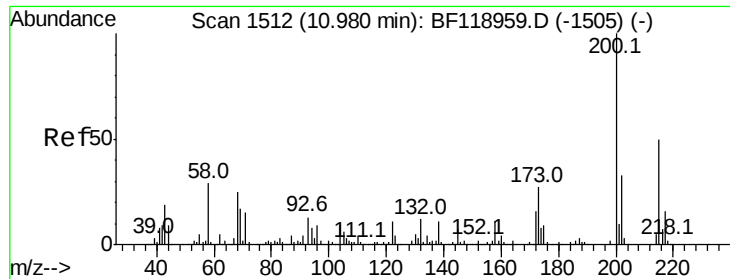
142 33.0 23.7 35.5

249 30.4 25.0 37.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

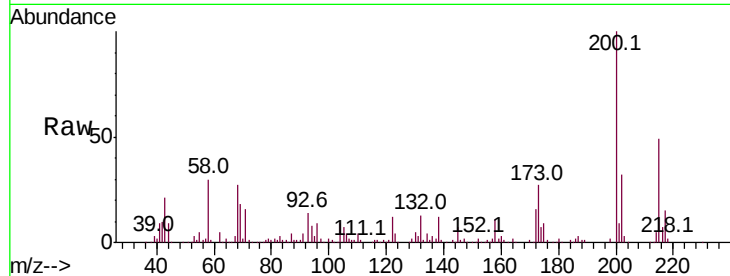




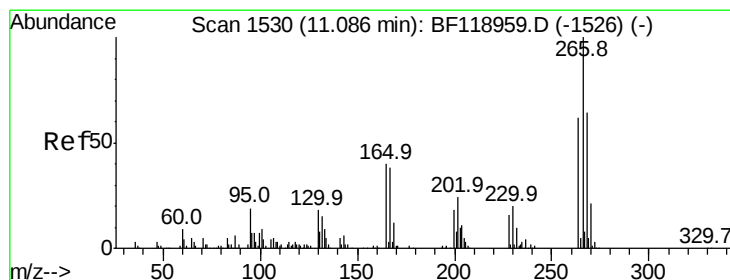
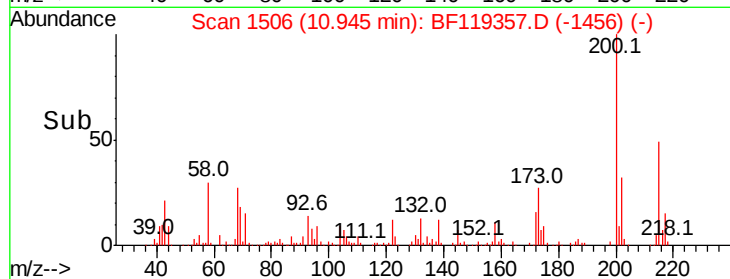
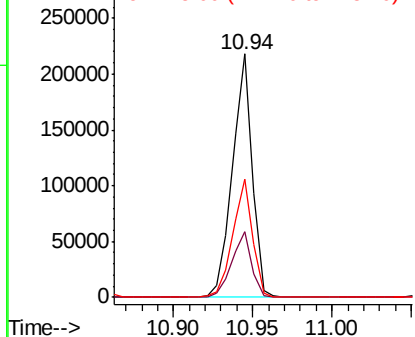
#69
Atrazine
Concen: 40.122 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.4	46.4
215	48.5	27.4	67.4

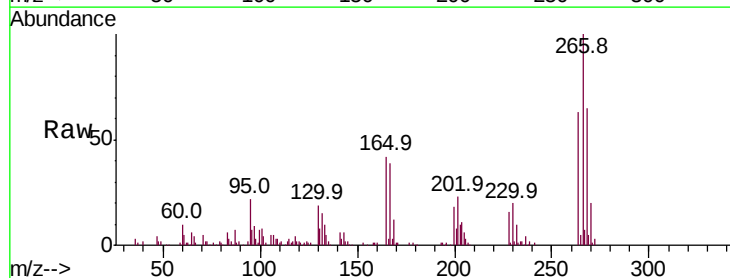


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

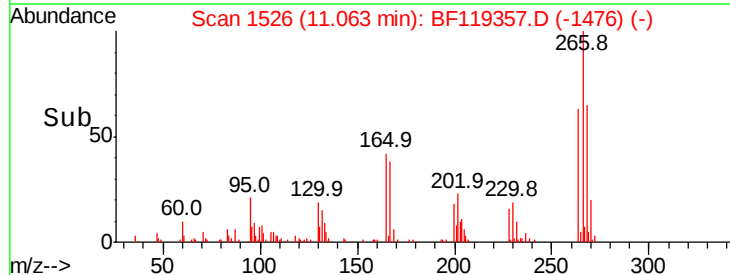
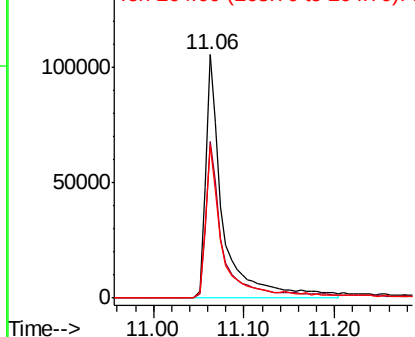


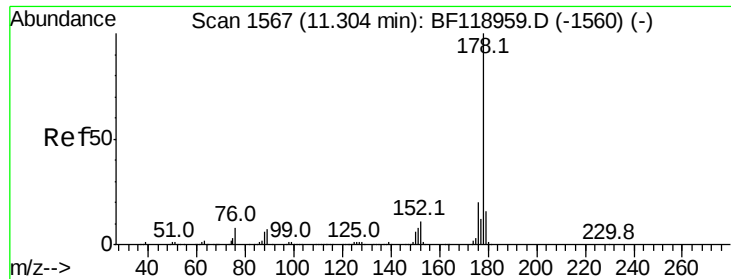
#70
Pentachlorophenol
Concen: 57.443 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.9	77.9
264	62.7	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

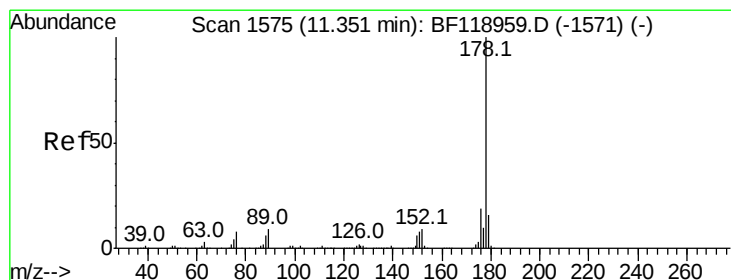
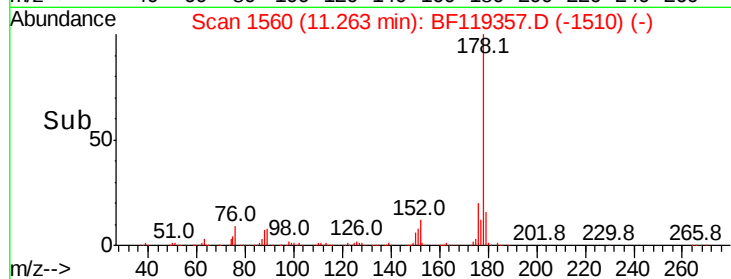
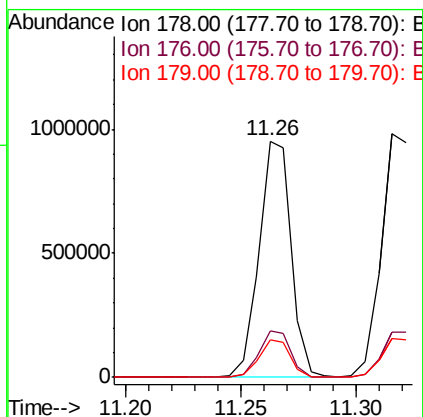
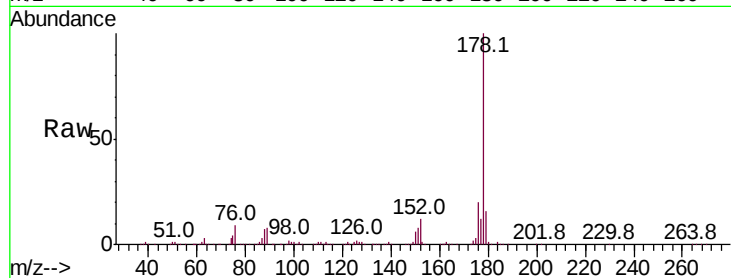




#71
Phenanthrene
Concen: 41.034 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

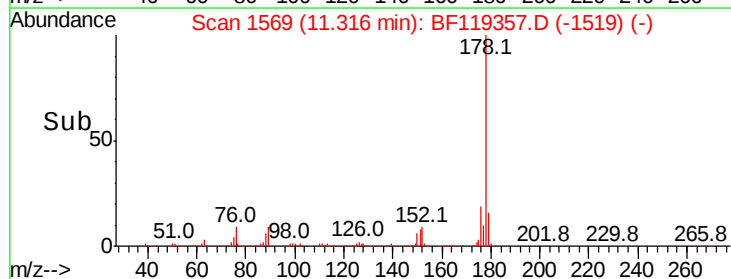
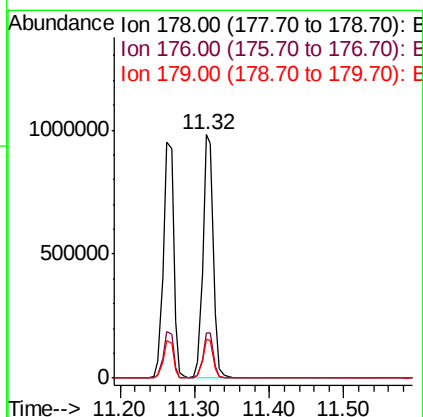
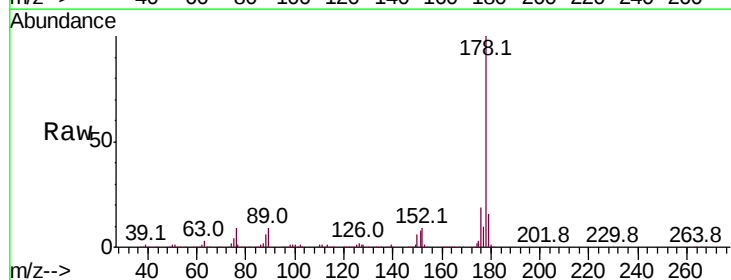
Instrument :
BNA_F
ClientSampled :

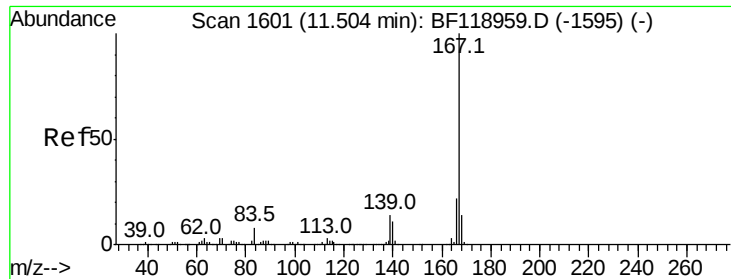
Tot Ion:178 Resp: 923765
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 16.0 13.0 19.6



#72
Anthracene
Concen: 43.329 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:178 Resp: 974617
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 16.1 13.1 19.7

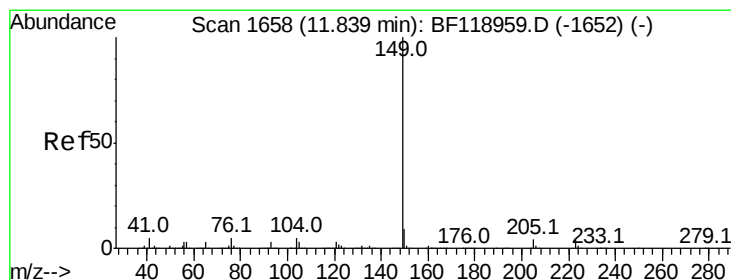
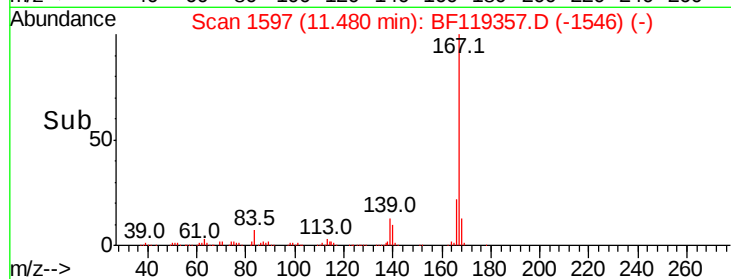
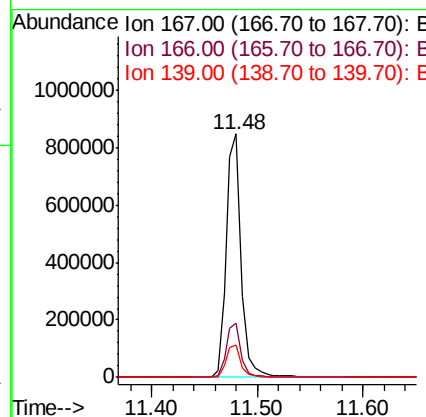
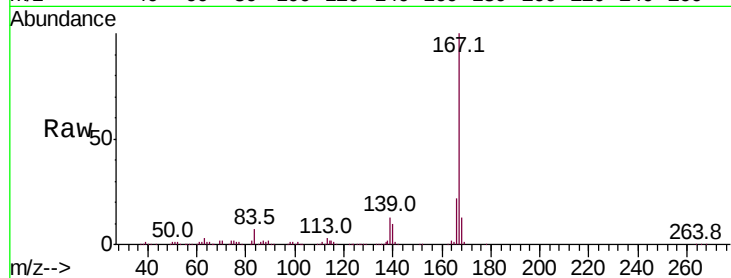




#73
 Carbazole
 Concen: 42.044 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

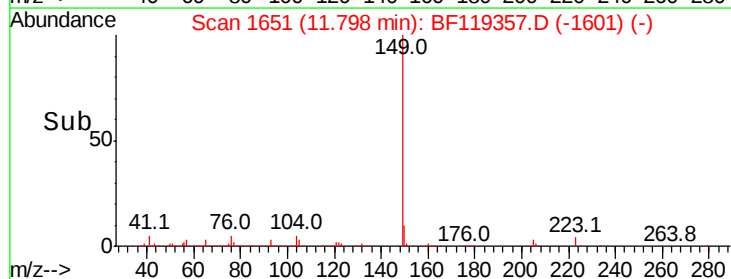
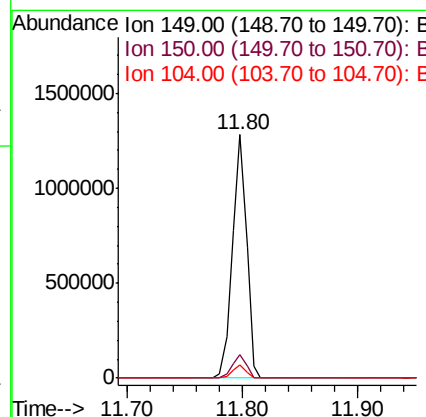
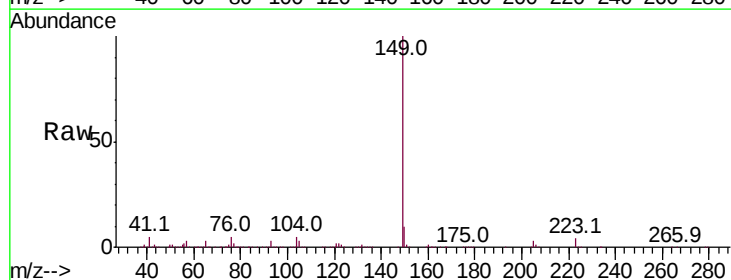
Instrument :
 BNA_F
 ClientSampleId :

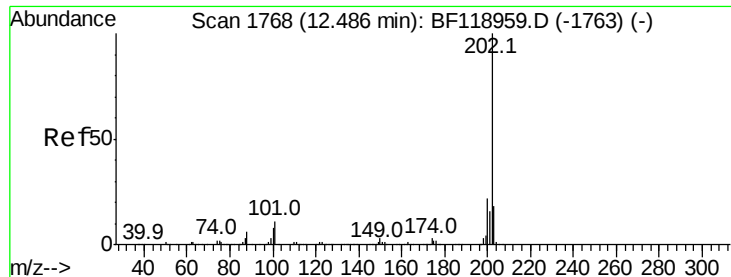
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.2	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 44.654 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF119357.D
 Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.3	4.6	6.8

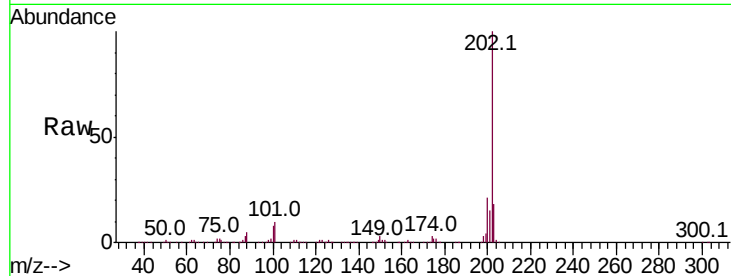




#75
Fluoranthene
Concen: 40.927 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.3
203	17.6	0.0	38.4

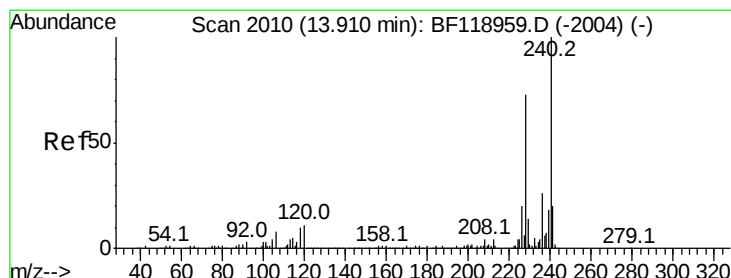
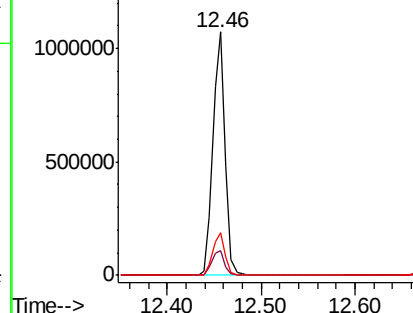
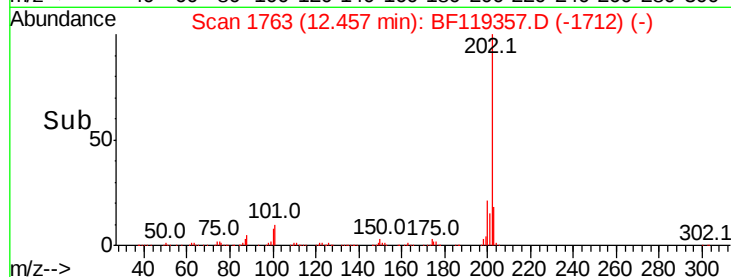


Abundance

Ion 202.00 (201.70 to 202.70): E

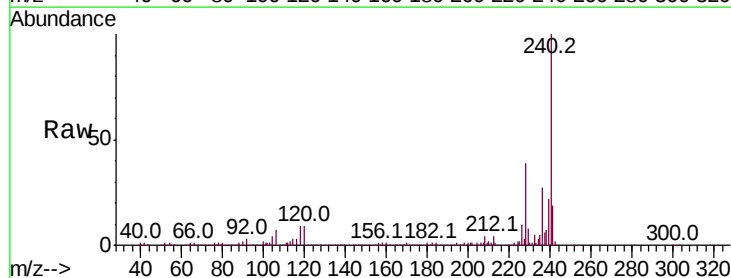
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.4	12.6
236	26.7	21.0	31.4

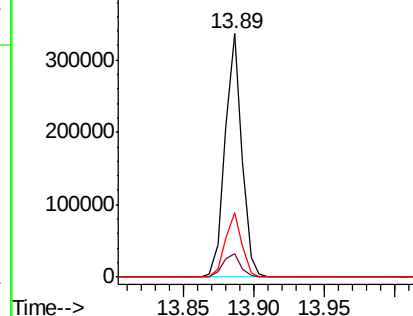
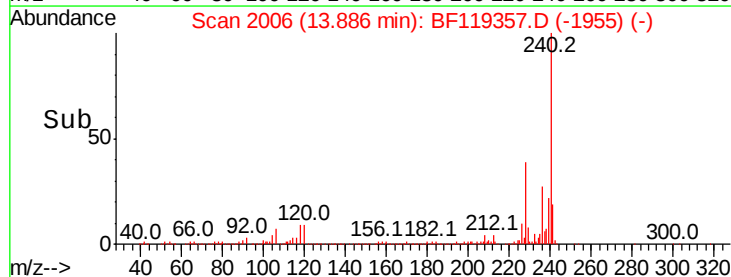


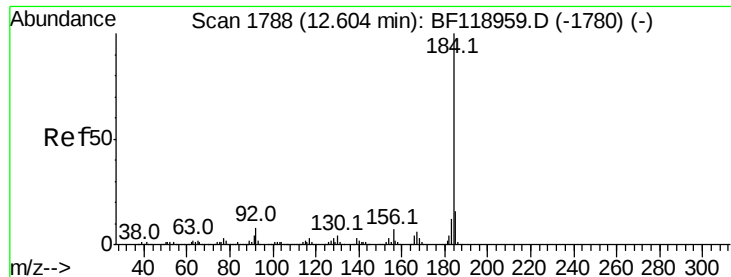
Abundance

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

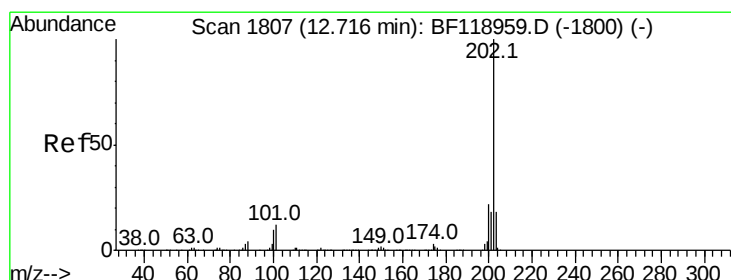
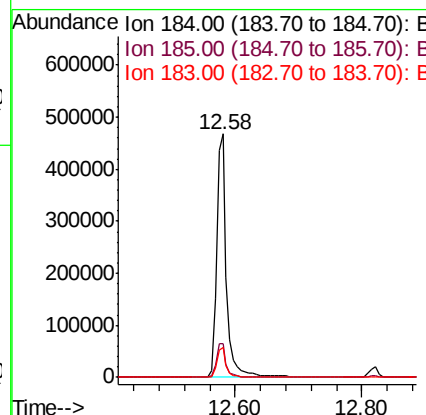
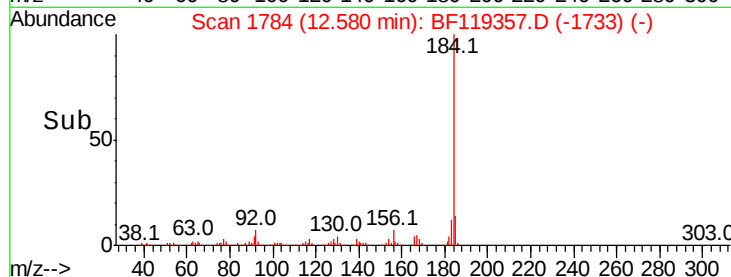
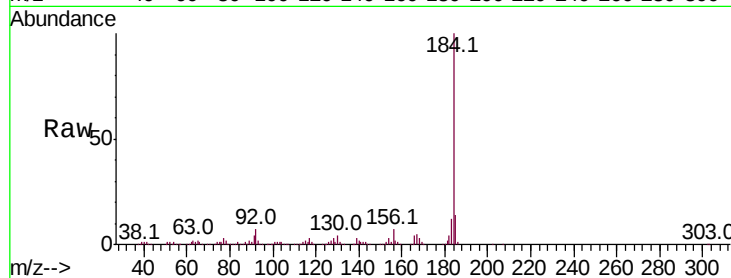




#77
Benzidine
Concen: 46.199 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

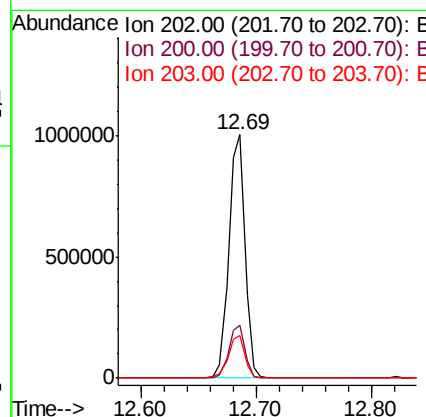
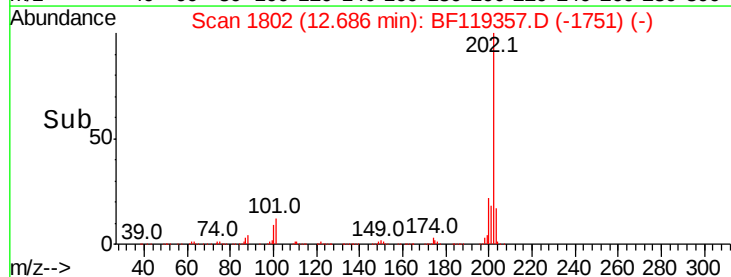
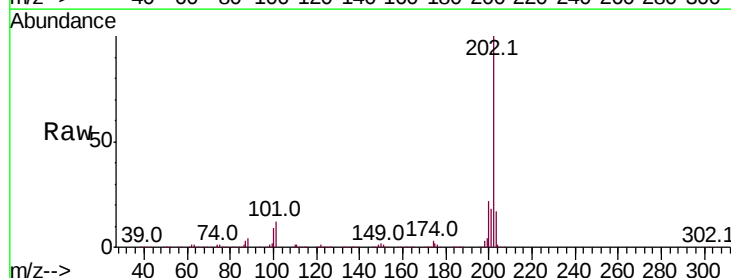
Instrument :
BNA_F
ClientSampleId :

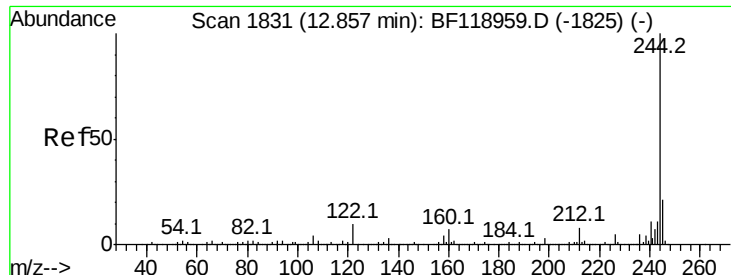
Tot Ion:184 Resp: 522220
Ion Ratio Lower Upper
184 100
185 14.0 12.2 18.4
183 12.1 9.9 14.9



#78
Pyrene
Concen: 43.677 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:202 Resp: 974801
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 17.4 14.6 22.0





#79

Terphenyl-d14

Concen: 77.453 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

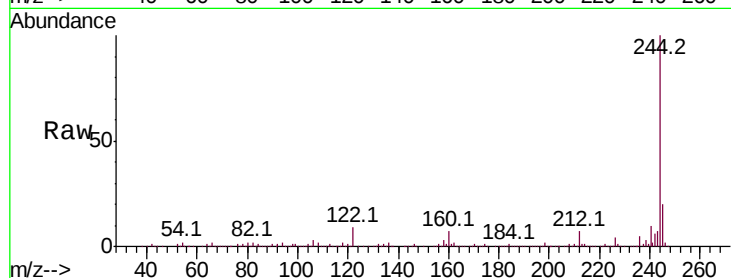
Tot Ion:244 Resp: 1250392

Ion Ratio Lower Upper

244 100

212 7.2 6.6 10.0

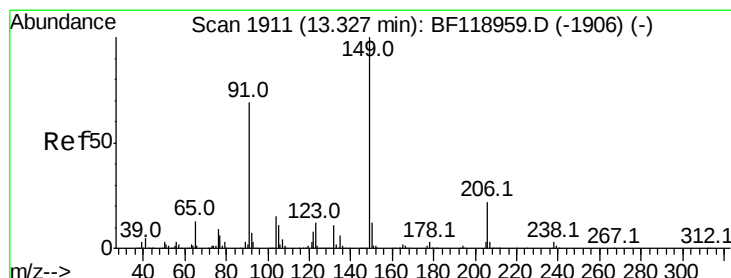
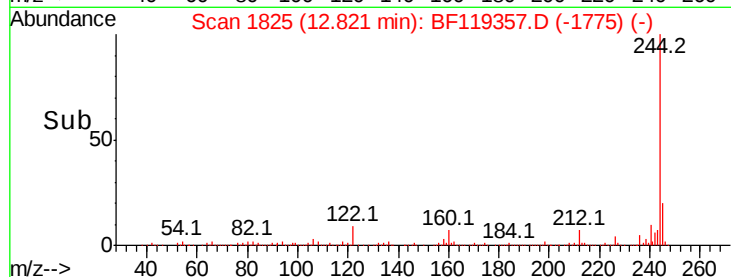
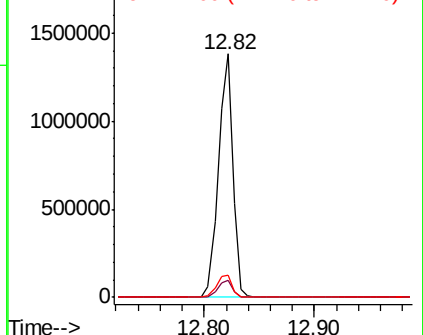
122 9.0 8.2 12.2



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: 47.327 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

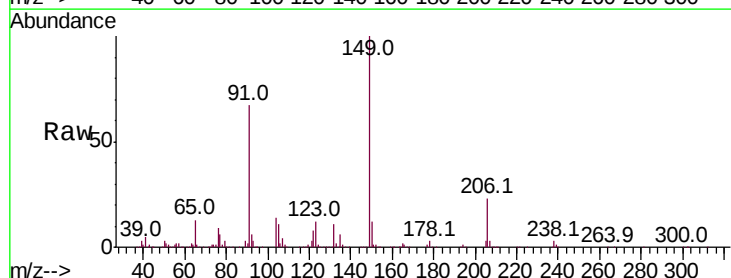
Tgt Ion:149 Resp: 444552

Ion Ratio Lower Upper

149 100

91 66.9 52.3 78.5

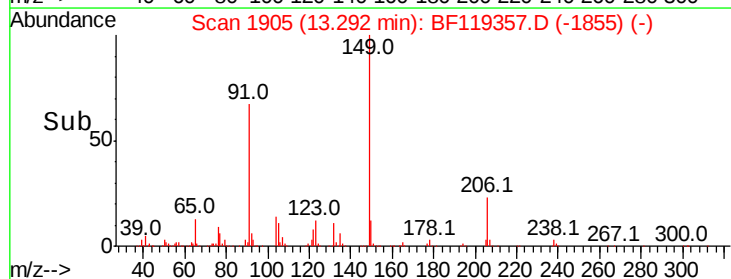
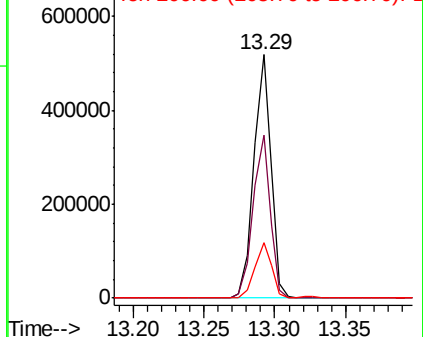
206 22.5 18.5 27.7

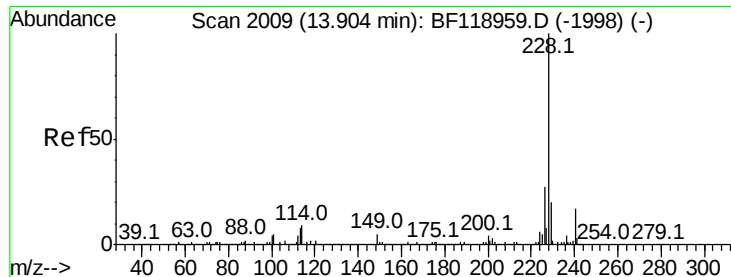


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

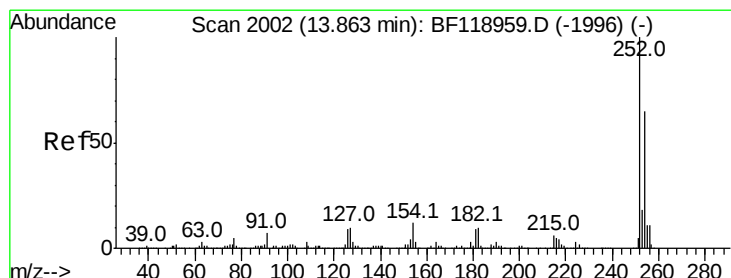
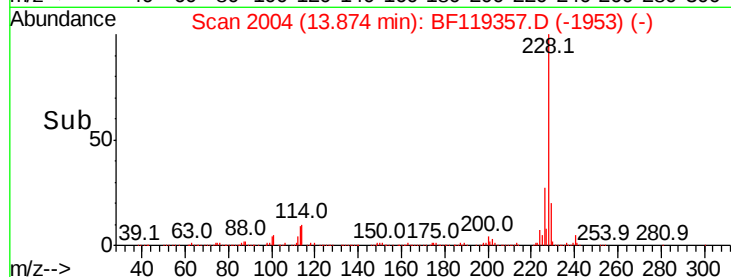
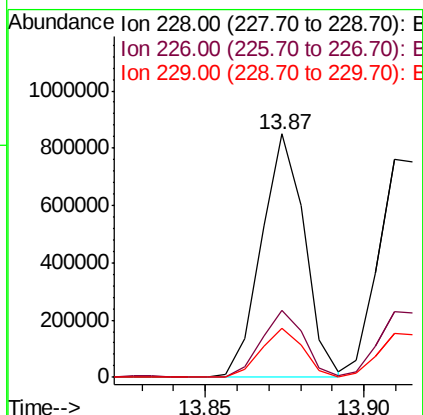
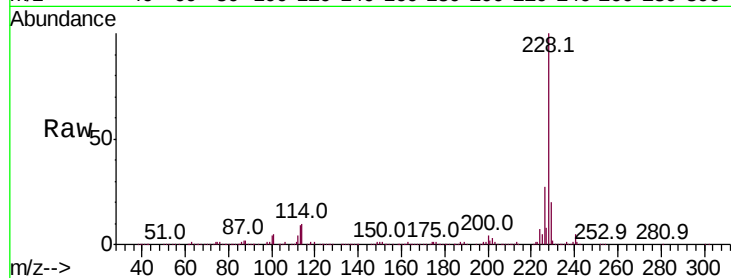




#81
Benzo(a)anthracene
Concen: 42.286 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

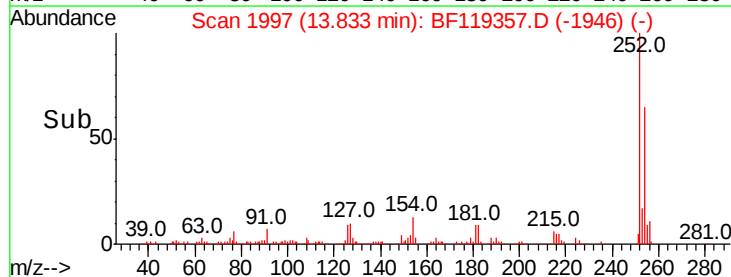
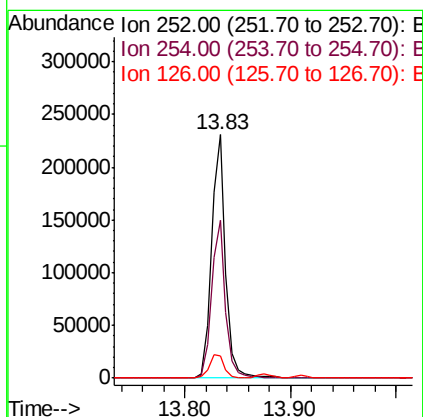
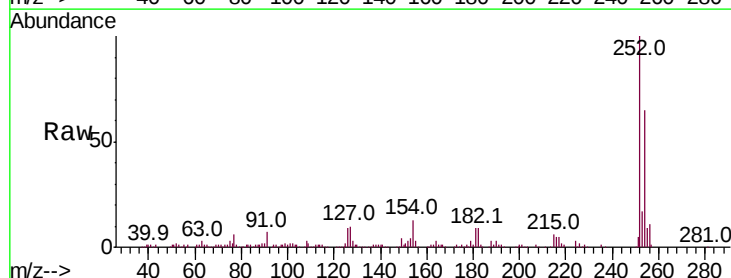
Instrument :
BNA_F
ClientSampleId :

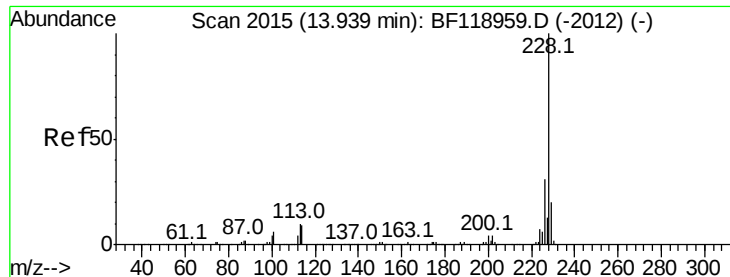
Tot Ion:228 Resp: 800820
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.1 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 29.183 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:252 Resp: 214608
Ion Ratio Lower Upper
252 100
254 64.6 51.6 77.4
126 9.1 7.4 11.0





#83

Chrysene

Concen: 40.922 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

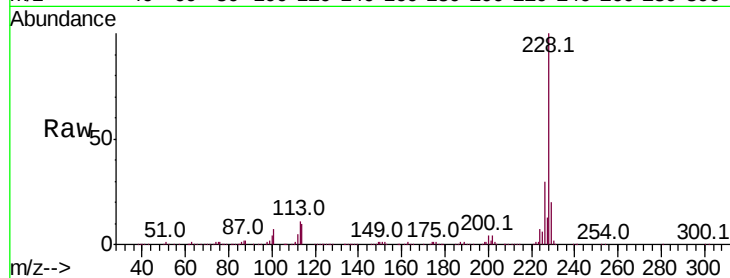
Tot Ion:228 Resp: 772207

Ion Ratio Lower Upper

228 100

226 29.8 25.1 37.7

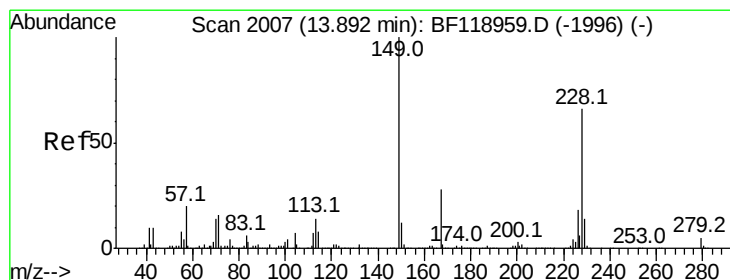
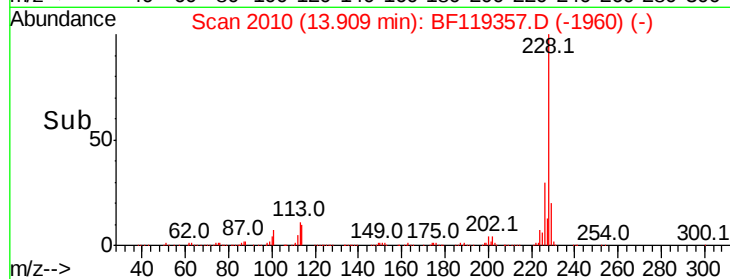
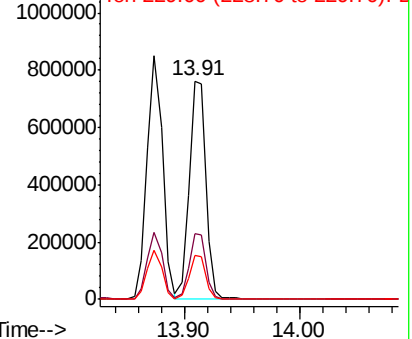
229 19.9 16.3 24.5



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: 52.818 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

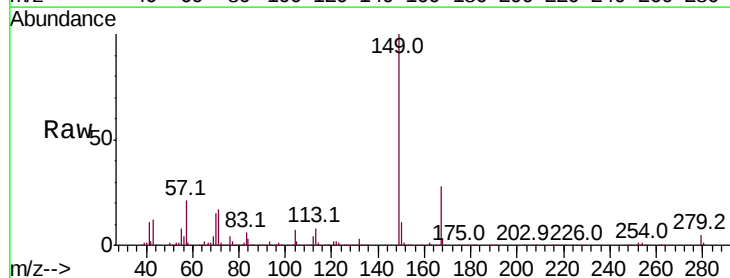
Tgt Ion:149 Resp: 626794

Ion Ratio Lower Upper

149 100

167 27.9 22.8 34.2

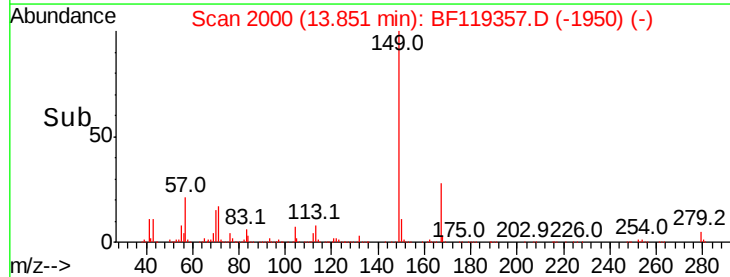
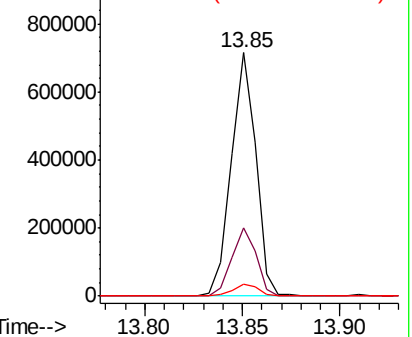
279 4.8 4.6 6.8

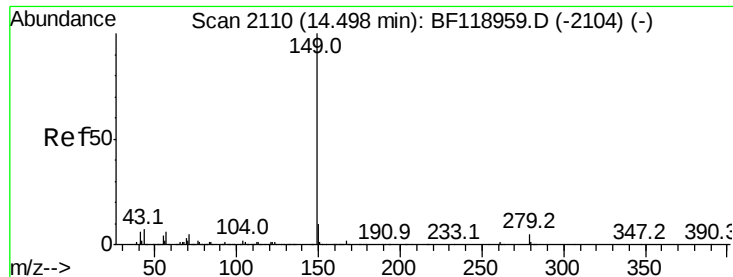


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.299 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampled :

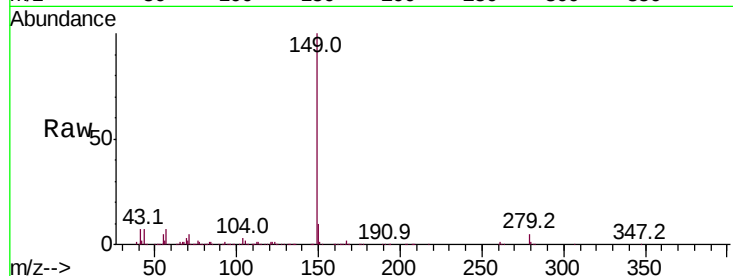
Tot Ion:149 Resp: 988855

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

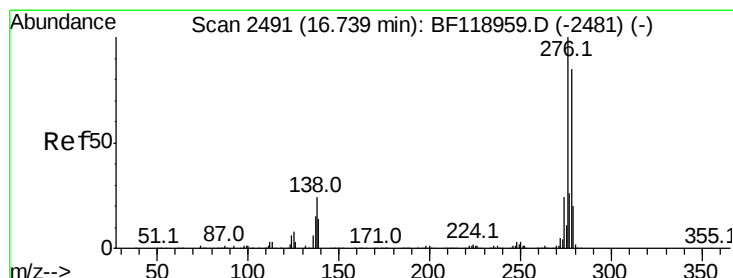
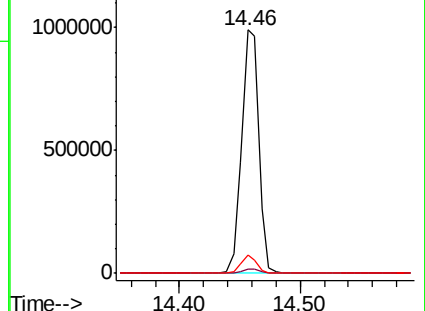
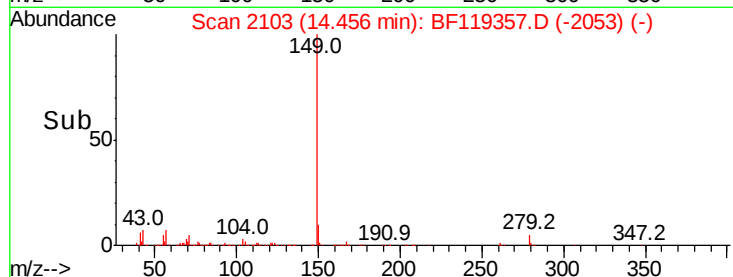
43 6.6 5.7 8.5



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: 44.610 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.02 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

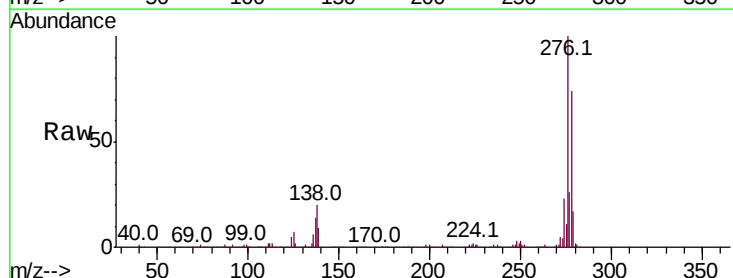
Tgt Ion:276 Resp: 815091

Ion Ratio Lower Upper

276 100

138 21.3 17.4 26.0

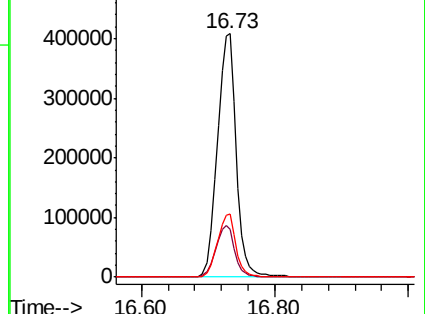
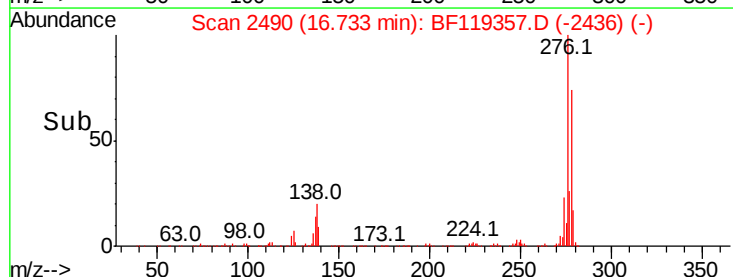
277 25.4 20.3 30.5

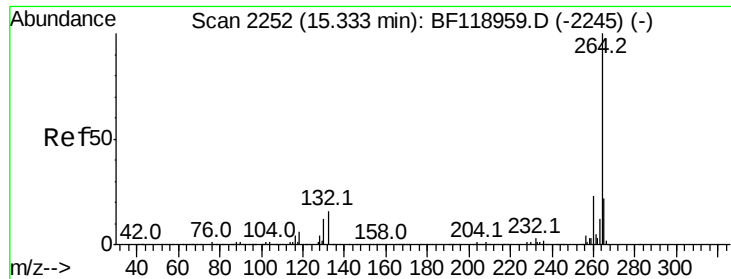


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

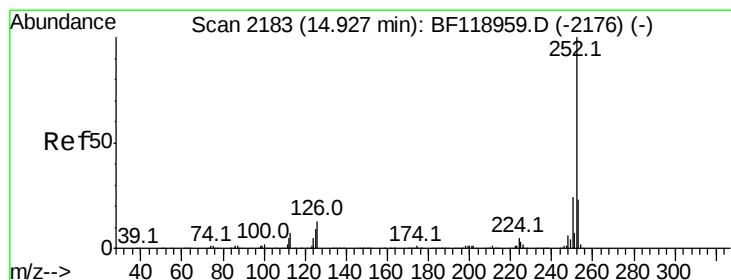
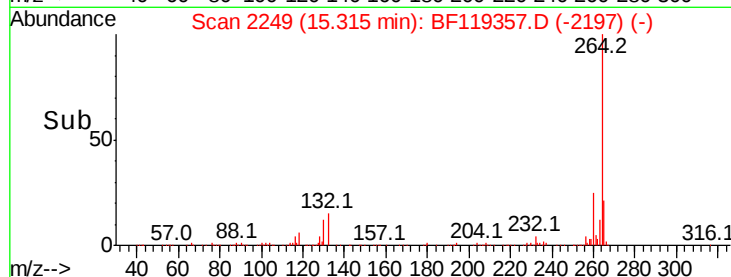
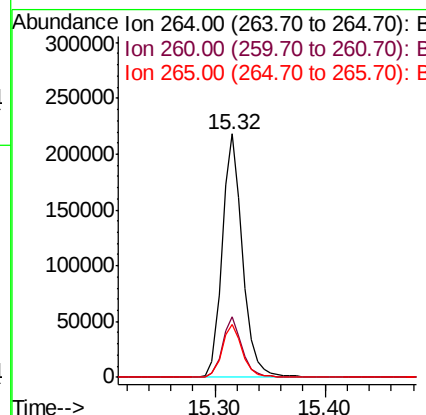
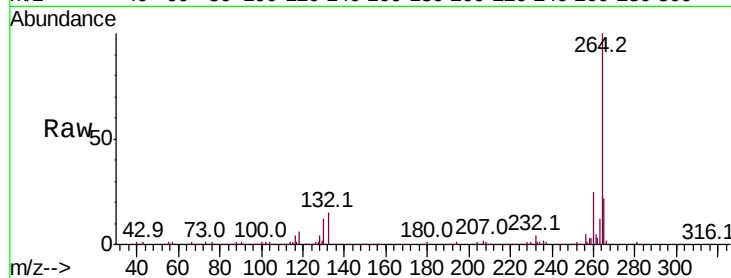




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

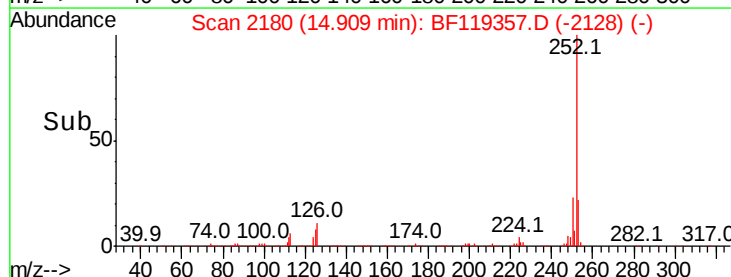
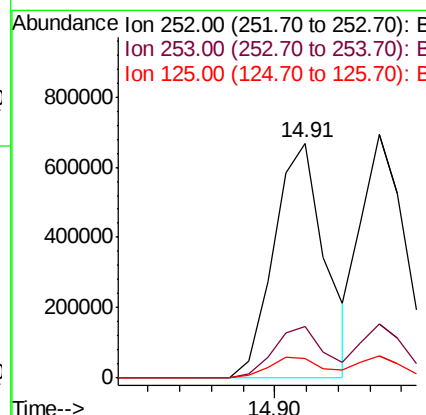
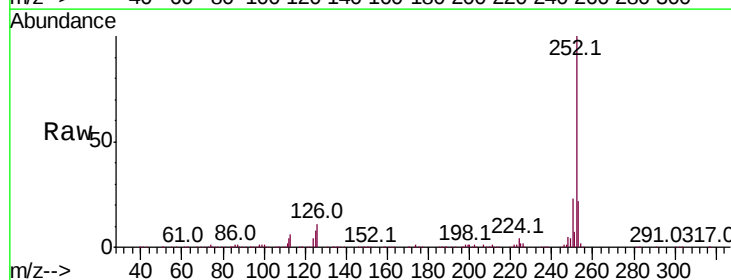
Instrument :
BNA_F
ClientSampleId :

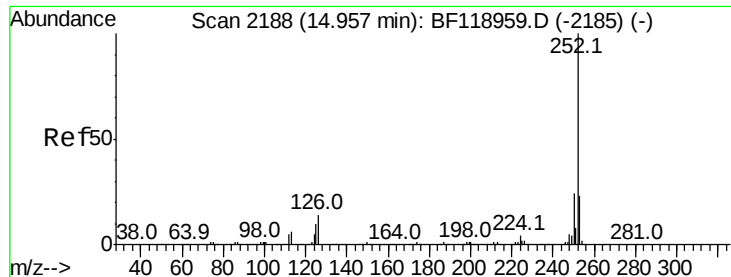
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.6	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 40.889 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	8.4	7.4	11.0

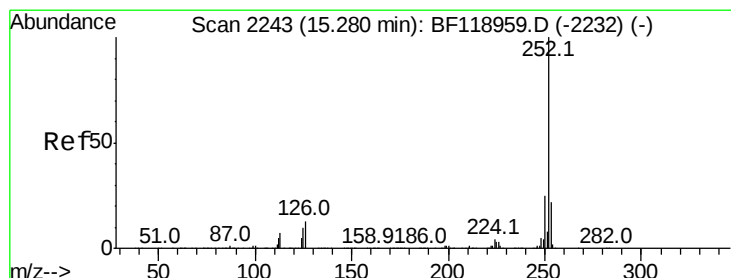
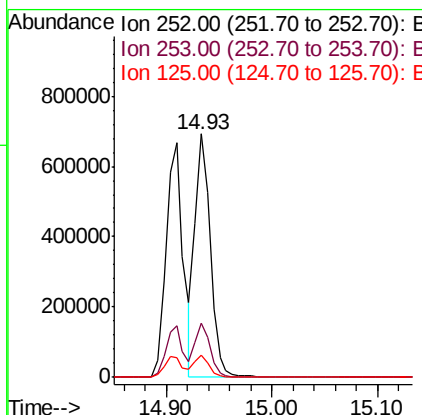
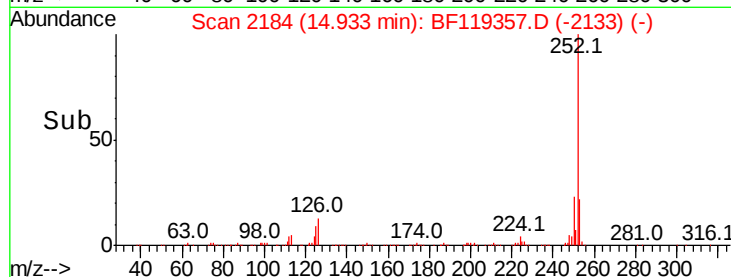
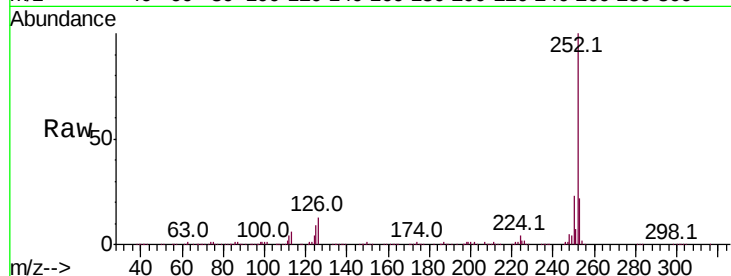




#89
Benzo(k)fluoranthene
Concen: 40.431 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

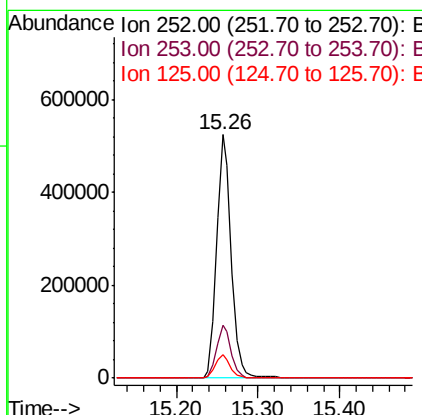
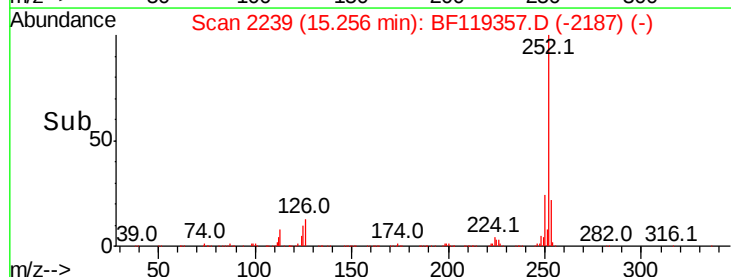
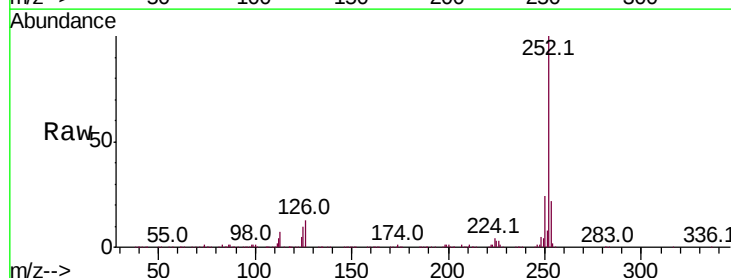
Instrument :
BNA_F
ClientSampleId :

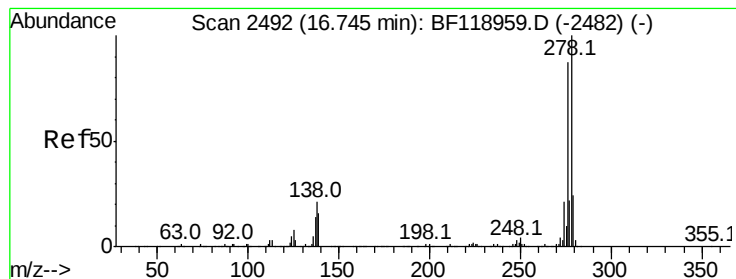
Tot Ion:252 Resp: 689471
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.0 7.5 11.3



#90
Benzo(a)pyrene
Concen: 39.223 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119357.D
Acq: 11 Mar 2020 20:39

Tgt Ion:252 Resp: 651419
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 46.921 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

Instrument :

BNA_F

ClientSampleId :

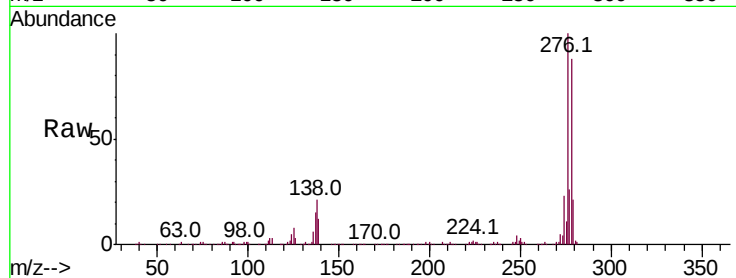
Tot Ion:278 Resp: 685655

Ion Ratio Lower Upper

278 100

139 13.9 11.0 16.4

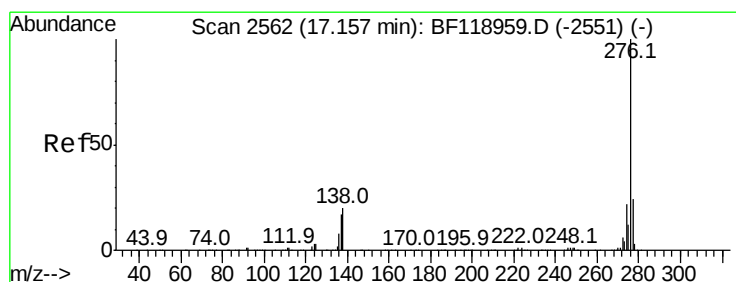
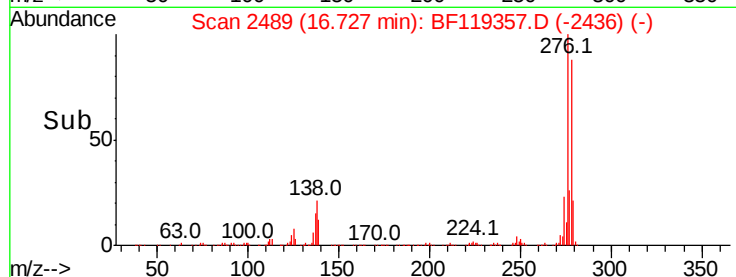
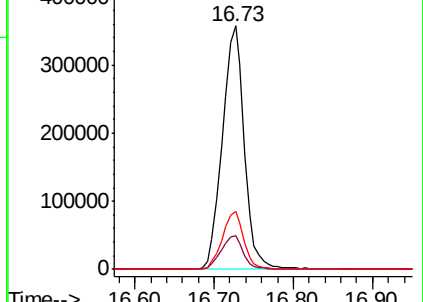
279 23.8 18.6 28.0



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: 46.149 ng

RT: 17.15 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF119357.D

Acq: 11 Mar 2020 20:39

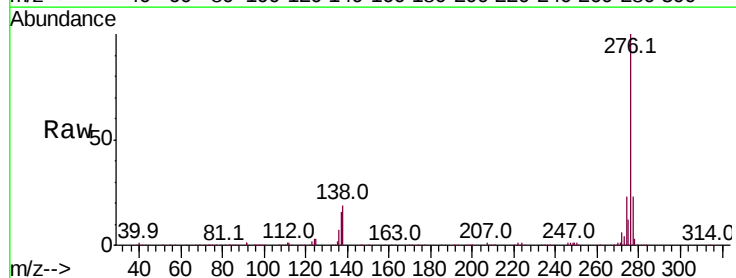
Tgt Ion:276 Resp: 666320

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 19.0 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

