

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119146.D
 Acq On : 28 Feb 2020 22:49
 Operator : CG/JU
 Sample : L1363-10MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:41:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	132669	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	521917	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	295504	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	544869	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	331633	20.00	ng	-0.02
87) Perylene-d12	15.31	264	361776	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	966704	121.77	ng	0.00
7) Phenol-d6	6.39	99	1101020	114.04	ng	-0.02
23) Nitrobenzene-d5	7.30	82	848418	85.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	484584	125.36	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1661660	82.84	ng	-0.02
79) Terphenyl-d14	12.83	244	2000782	103.87	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	131618	37.238	ng	# 86
3) Pyridine	3.28	79	284082	29.430	ng	97
4) n-Nitrosodimethylamine	3.19	42	137145	46.900	ng	94
6) Aniline	6.40	93	123820	10.393	ng	# 15
8) 2-Chlorophenol	6.53	128	421580	49.208	ng	99
9) Benzaldehyde	6.29	77	137552	21.324	ng	99
10) Phenol	6.40	94	422678	40.492	ng	83
11) bis(2-Chloroethyl)ether	6.47	93	380161	47.597	ng	98
12) 1,3-Dichlorobenzene	6.67	146	409820	39.911	ng	98
13) 1,4-Dichlorobenzene	6.75	146	423477	41.212	ng	99
14) 1,2-Dichlorobenzene	6.90	146	394286	42.074	ng	99
15) Benzyl Alcohol	6.89	79	360044	51.598	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	285882	41.320	ng	87
17) 2-Methylphenol	7.00	107	333203	47.970	ng	99
18) Hexachloroethane	7.25	117	146326	39.803	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	276603	49.166	ng	96
20) 3+4-Methylphenols	7.16	107	425095	49.954	ng	93
22) Acetophenone	7.15	105	579102	47.956	ng	95
24) Nitrobenzene	7.32	77	436144	44.618	ng	100
25) Isophorone	7.56	82	777953	45.317	ng	99
26) 2-Nitrophenol	7.64	139	234798	45.334	ng	97
27) 2,4-Dimethylphenol	7.68	122	360043	51.221	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	463322	41.465	ng	99
29) 2,4-Dichlorophenol	7.89	162	374533	45.260	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	393626	40.120	ng	97
31) Naphthalene	8.04	128	1195081	44.152	ng	98
32) Benzoic acid	7.83	122	231001	45.450	ng	98
33) 4-Chloroaniline	8.10	127	83905	7.207	ng	97
34) Hexachlorobutadiene	8.16	225	223833	36.625	ng	98
35) Caprolactam	8.47	113	57338	22.503	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	407030	48.602	ng	97
37) 2-Methylnaphthalene	8.73	142	835085	45.845	ng	99
38) 1-Methylnaphthalene	8.83	142	792992	46.290	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	411676	41.320	ng	99

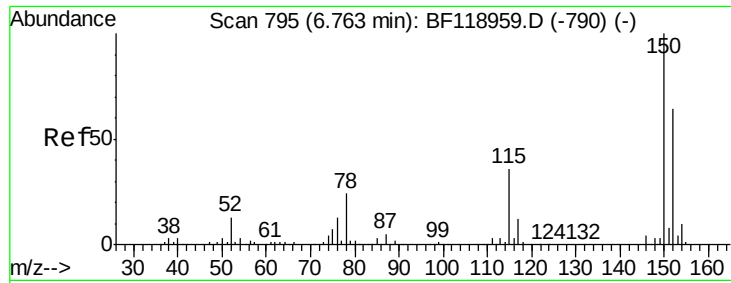
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 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	154299	46.945	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	275667	43.815	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	295090	44.696	ng	97
46) 1,1'-Biphenyl	9.19	154	1018000	42.625	ng	98
47) 2-Chloronaphthalene	9.22	162	813105	42.248	ng	97
48) 2-Nitroaniline	9.32	65	243686	45.396	ng	97
49) Acenaphthylene	9.63	152	1264197	45.480	ng	99
50) Dimethylphthalate	9.50	163	997132	44.128	ng	99
51) 2,6-Dinitrotoluene	9.56	165	228576	45.530	ng	93
52) Acenaphthene	9.80	154	750336	44.767	ng	98
53) 3-Nitroaniline	9.73	138	102972	18.501	ng	95
54) 2,4-Dinitrophenol	9.85	184	188974	77.687	ng	96
55) Dibenzofuran	9.97	168	1123936	44.926	ng	100
56) 4-Nitrophenol	9.92	139	269825	80.691	ng	96
57) 2,4-Dinitrotoluene	9.97	165	295758	45.451	ng	98
58) Fluorene	10.32	166	905478	46.578	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	252989	45.412	ng	99
60) Diethylphthalate	10.20	149	939508	44.120	ng	99
61) 4-Chlorophenyl-phenylether	10.31	204	457386	44.450	ng	95
62) 4-Nitroaniline	10.35	138	220425	38.710	ng	100
63) Azobenzene	10.47	77	852034	46.032	ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	151031	45.808	ng	93
66) n-Nitrosodiphenylamine	10.43	169	814193	45.636	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	304951	42.817	ng	93
68) Hexachlorobenzene	10.87	284	350146	42.641	ng	95
69) Atrazine	10.96	200	284985	45.719	ng	98
70) Pentachlorophenol	11.07	266	310670	93.921	ng	98
71) Phenanthrene	11.28	178	1361983	45.836	ng	98
72) Anthracene	11.33	178	1397231	47.061	ng	99
73) Carbazole	11.49	167	1233278	46.627	ng	99
74) Di-n-butylphthalate	11.82	149	1415368	44.187	ng	98
75) Fluoranthene	12.46	202	1372118	43.503	ng	99
78) Pyrene	12.69	202	1343148	50.438	ng	99
80) Butylbenzylphthalate	13.30	149	549281	49.009	ng	98
81) Benzo(a)anthracene	13.88	228	1043931	46.199	ng	98
82) 3,3'-Dichlorobenzidine	13.83	252	228024	25.988	ng	99
83) Chrysene	13.92	228	999833	44.407	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	713556	50.395	ng	99
85) Di-n-octyl phthalate	14.47	149	1082932	48.002	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1129505	51.810	ng	100
88) Benzo(b)fluoranthene	14.90	252	1106831	46.415	ng	99
89) Benzo(k)fluoranthene	14.93	252	911487	41.246	ng	99
90) Benzo(a)pyrene	15.25	252	942002	43.770	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	954378	50.398	ng	99
92) Benzo(g,h,i)perylene	17.13	276	927351	49.563	ng	99

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

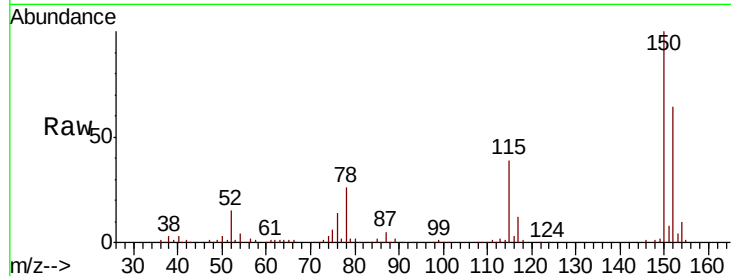


#1

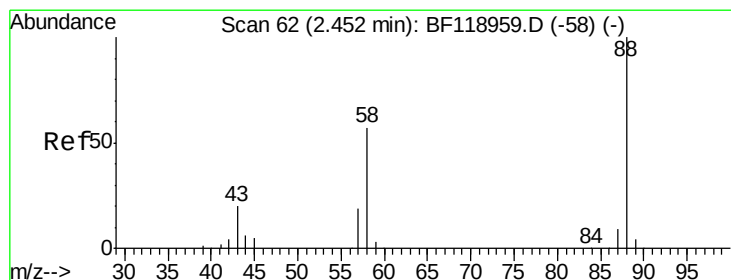
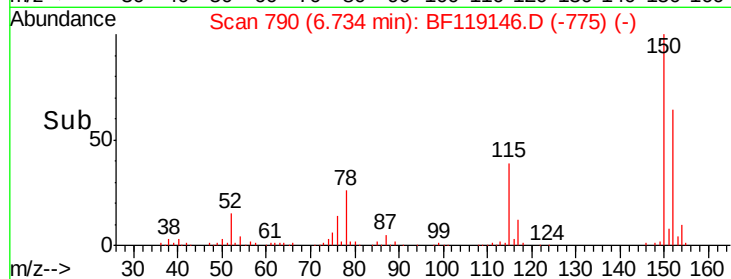
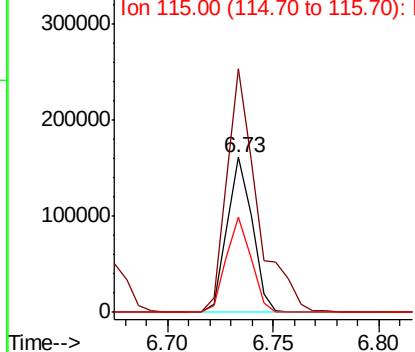
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132669
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.6
115 60.9 49.5 74.3



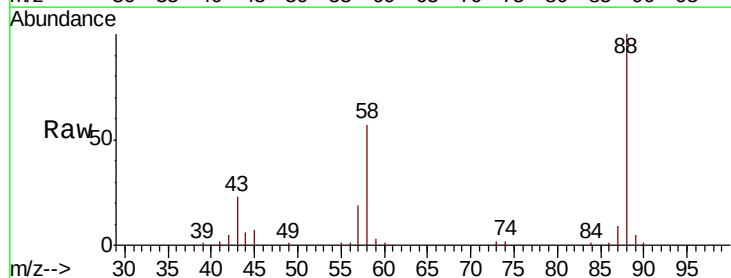
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



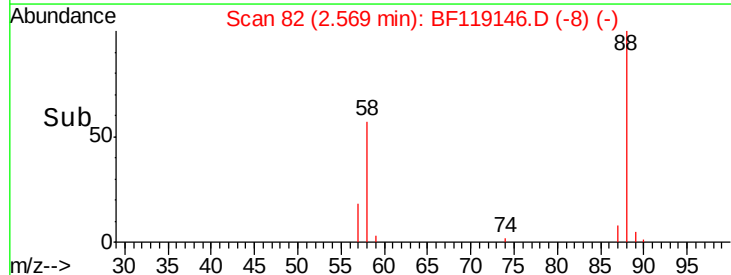
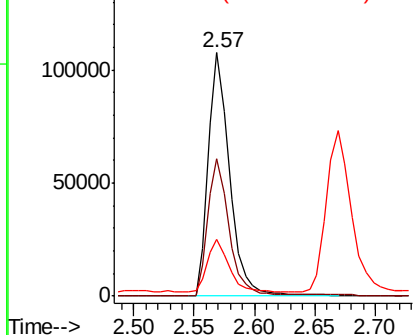
#2

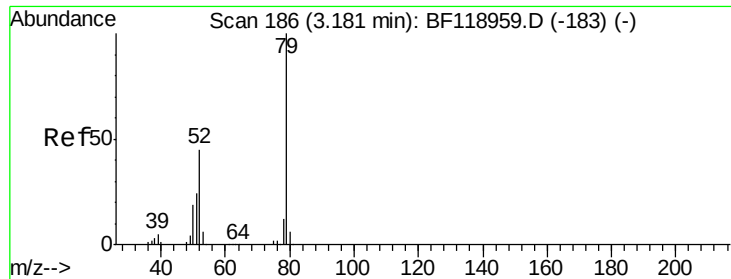
1,4-Dioxane
Concen: 37.238 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.14 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion: 88 Resp: 131618
Ion Ratio Lower Upper
88 100
58 56.9 43.8 65.6
43 0.0 16.2 24.4#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

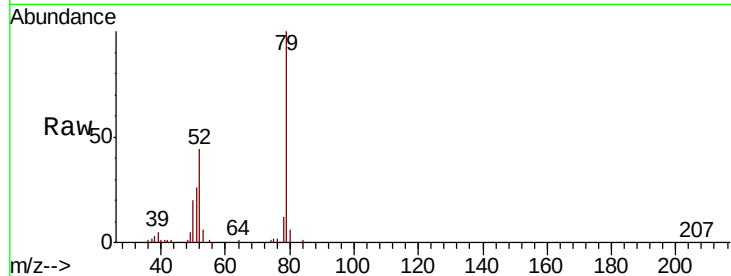




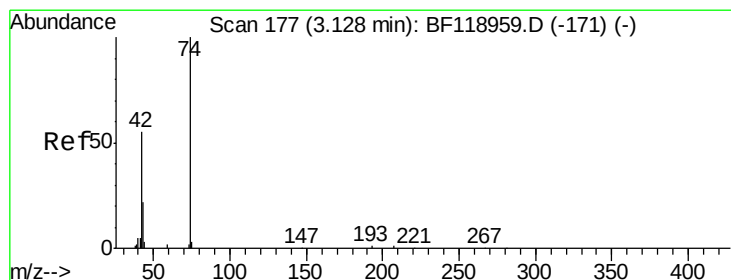
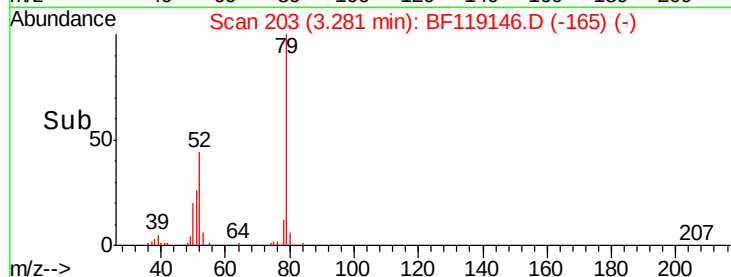
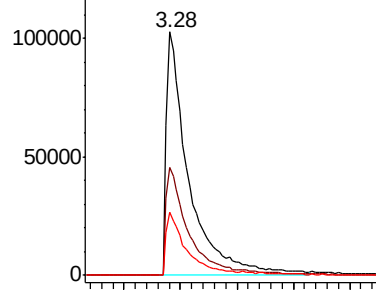
#3
 Pvridine
 Concen: 29.430 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.12 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 284082
 Ion Ratio Lower Upper
 79 100
 52 44.1 37.4 56.0
 51 25.8 19.8 29.6

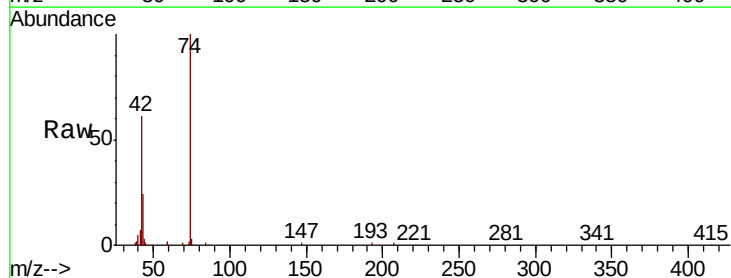


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

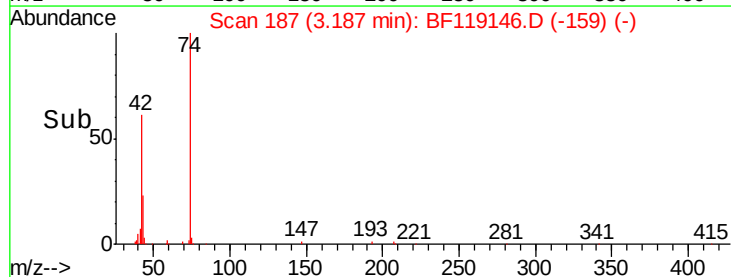
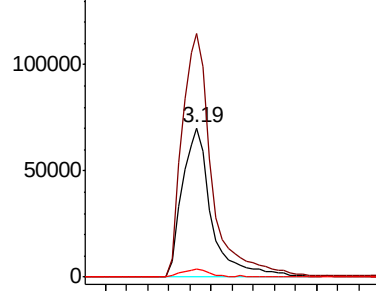


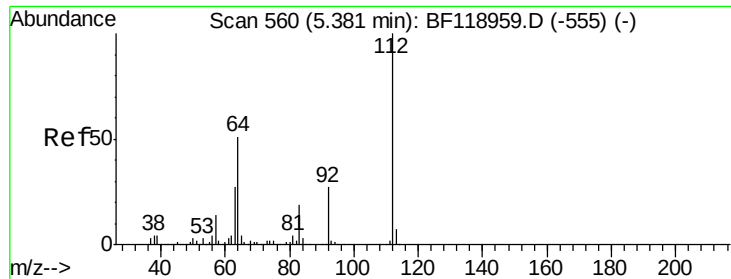
#4
 n-Nitrosodimethylamine
 Concen: 46.900 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.06 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Tgt Ion: 42 Resp: 137145
 Ion Ratio Lower Upper
 42 100
 74 163.2 137.7 206.5
 44 5.2 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: 121.772 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

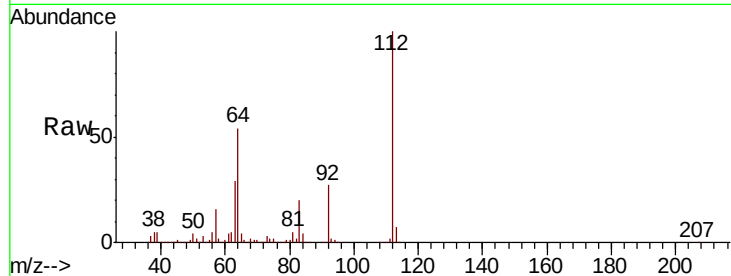
Tot Ion:112 Resp: 966704

Ion Ratio Lower Upper

112 100

64 53.8 45.0 67.4

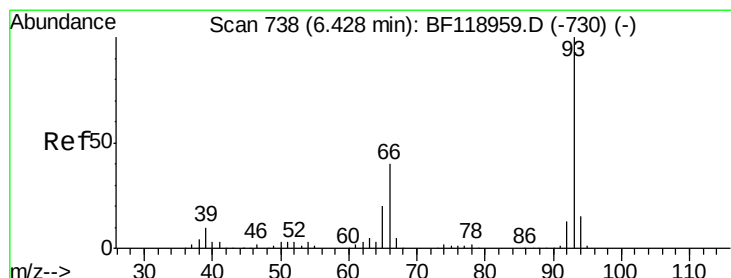
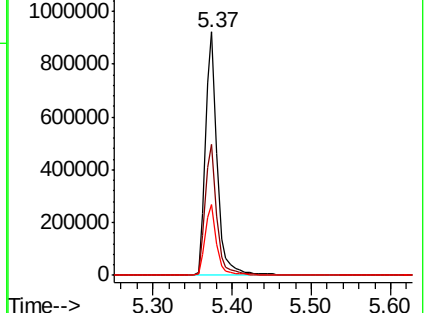
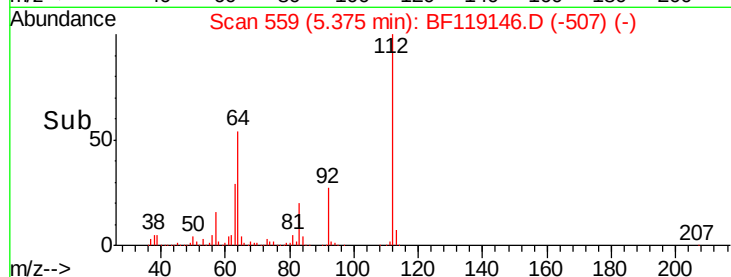
63 29.2 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.393 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

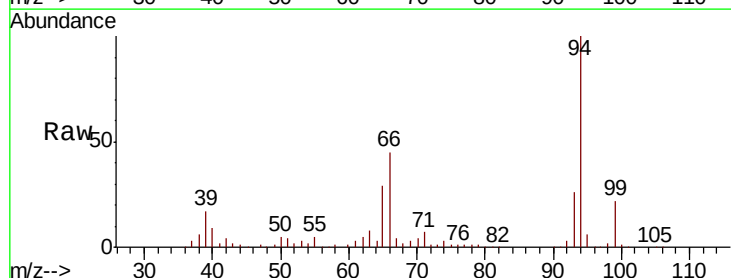
Tgt Ion: 93 Resp: 123820

Ion Ratio Lower Upper

93 100

66 177.9 74.5 111.7#

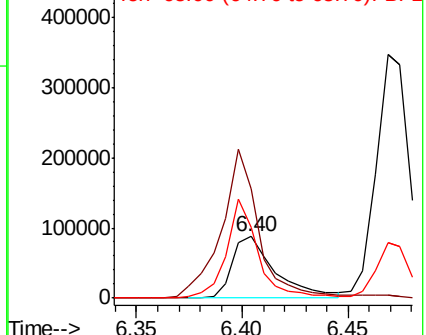
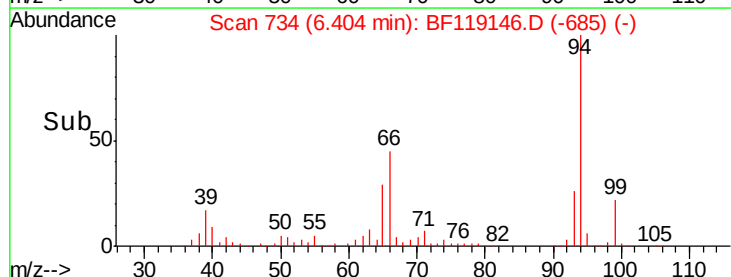
65 115.0 45.3 67.9#

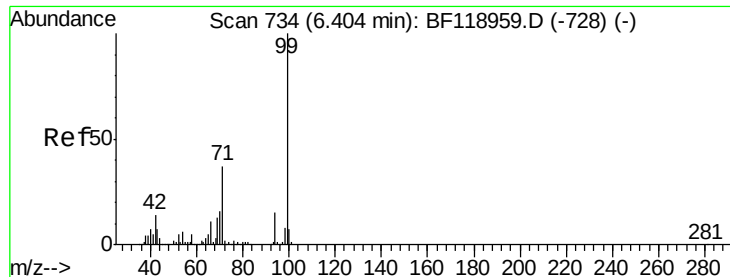


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.038 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

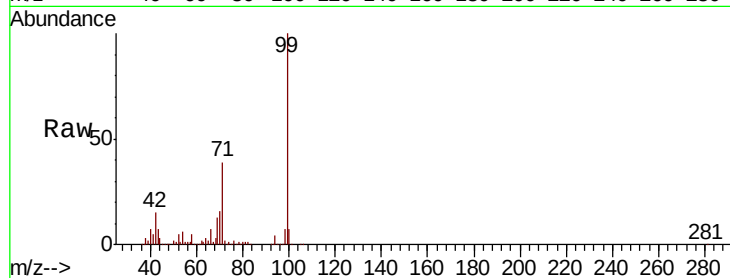
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1101020

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.6	18.8
71	38.7	31.0	46.4

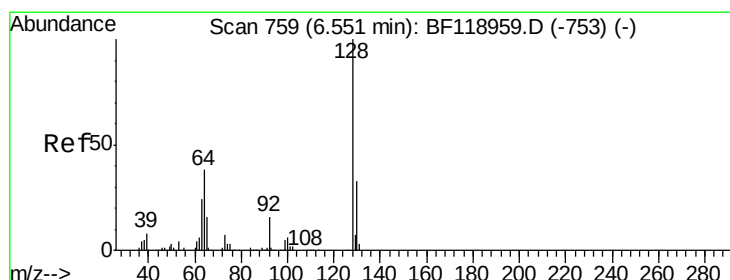
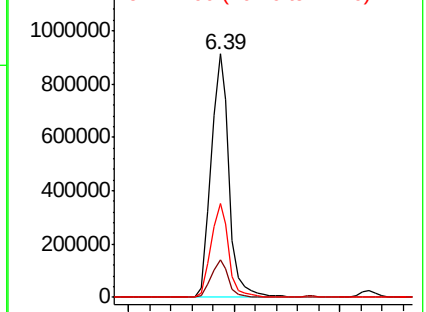
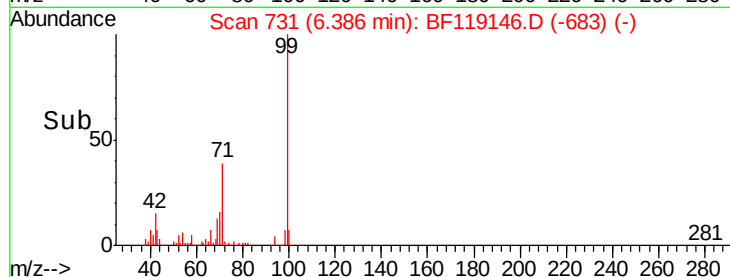


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.208 ng

RT: 6.53 min Scan# 755

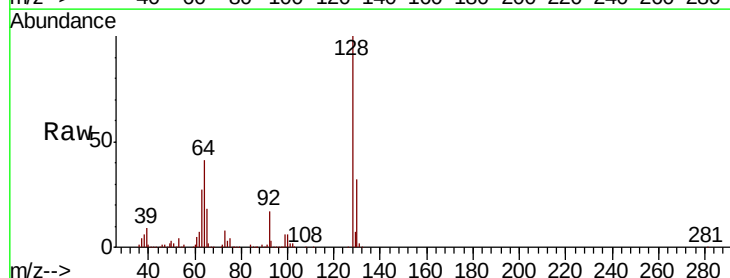
Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Tgt Ion: 128 Resp: 421580

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	40.9	22.3	62.3

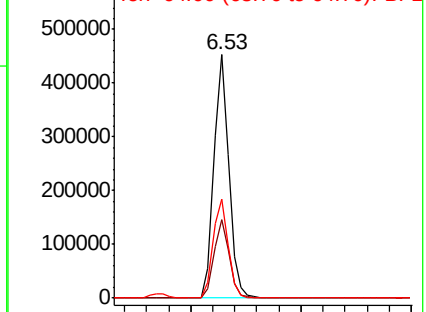
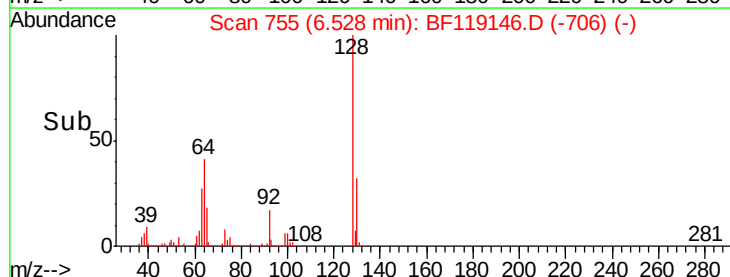


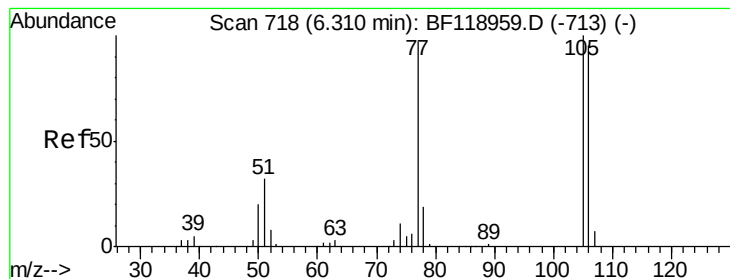
Abundance

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: 21.324 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

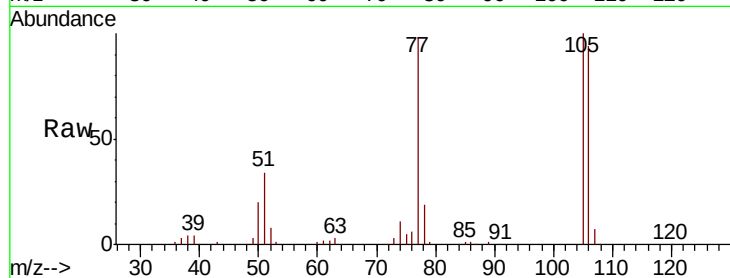
Tot Ion: 77 Resp: 137552

Ion Ratio Lower Upper

77 100

105 102.4 80.1 120.1

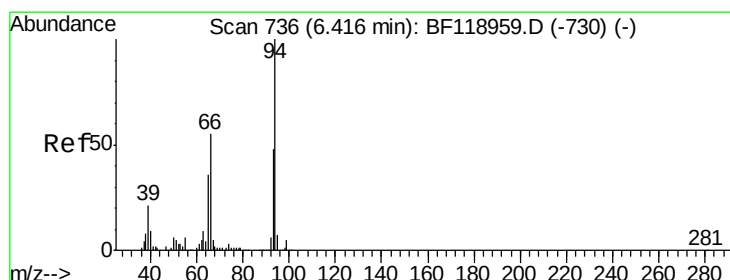
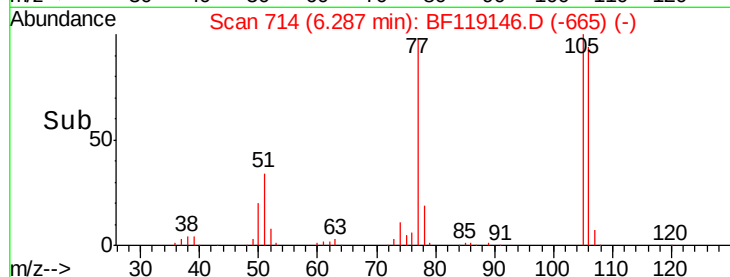
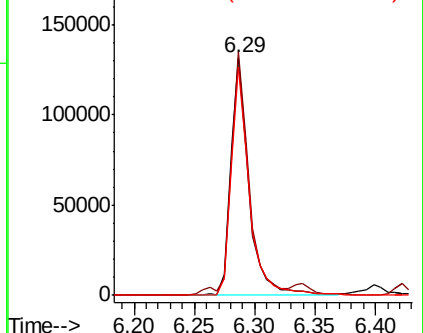
106 95.8 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.492 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

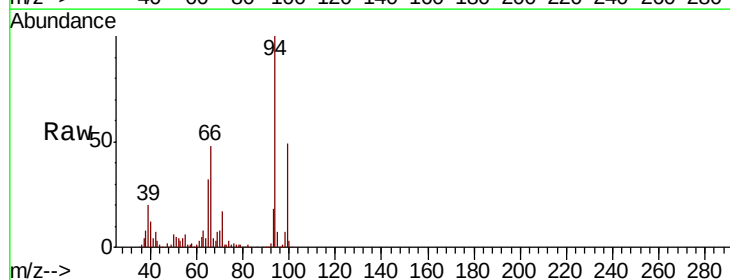
Tgt Ion: 94 Resp: 422678

Ion Ratio Lower Upper

94 100

65 32.0 19.2 59.2

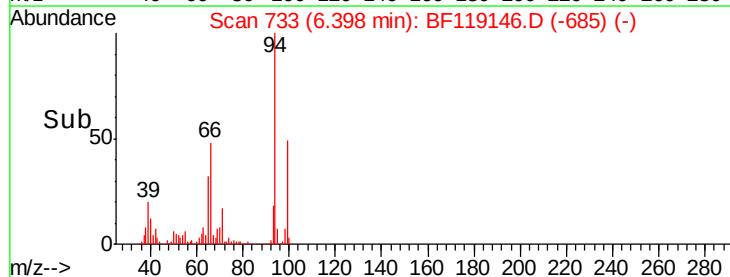
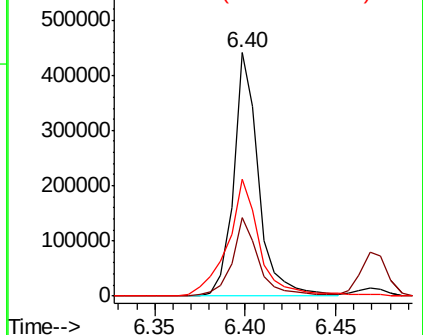
66 48.1 44.4 84.4

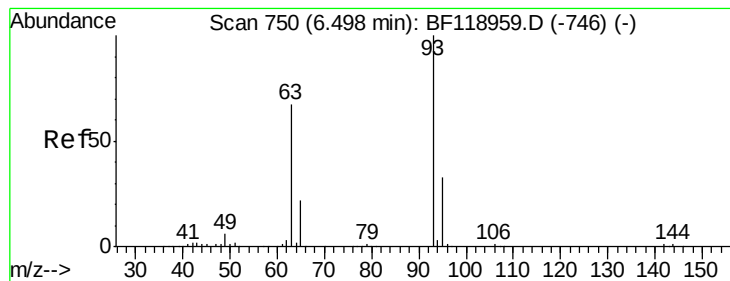


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

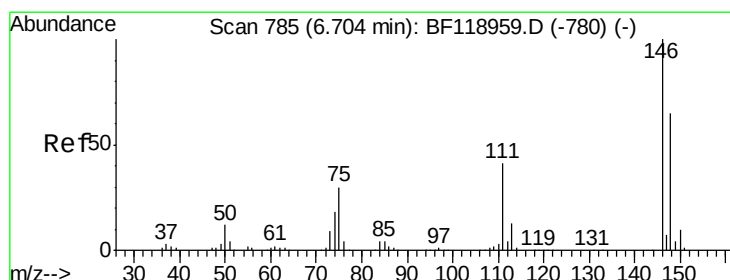
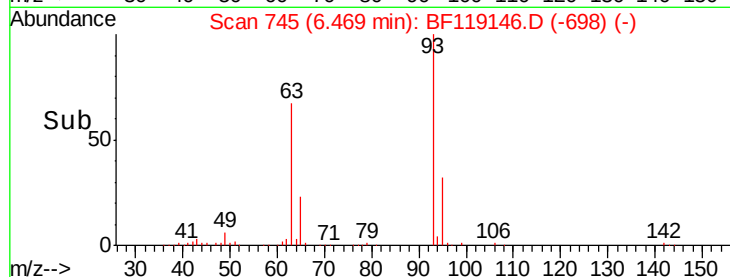
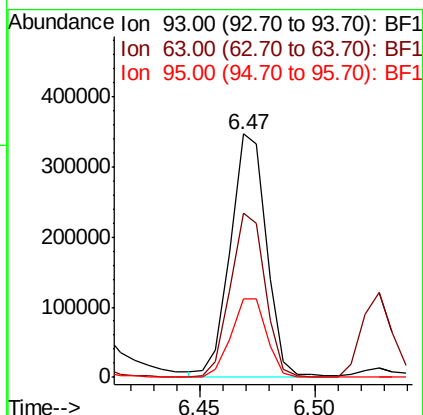
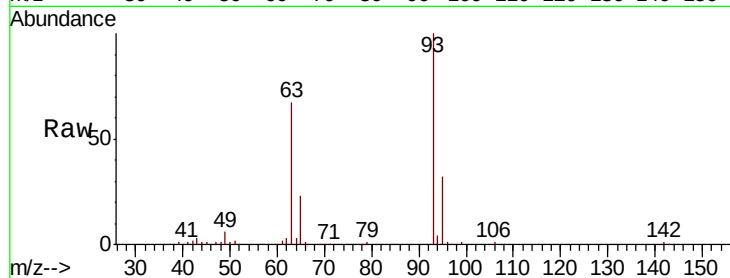




#11
bis(2-Chloroethyl)ether
Concen: 47.597 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

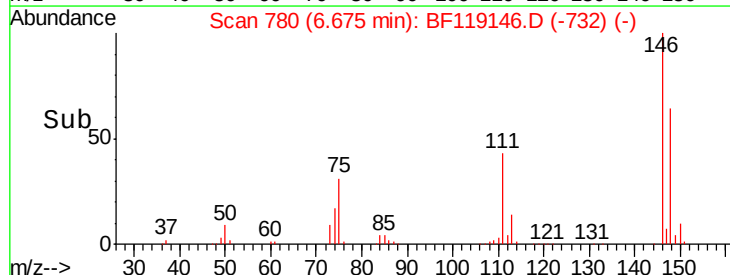
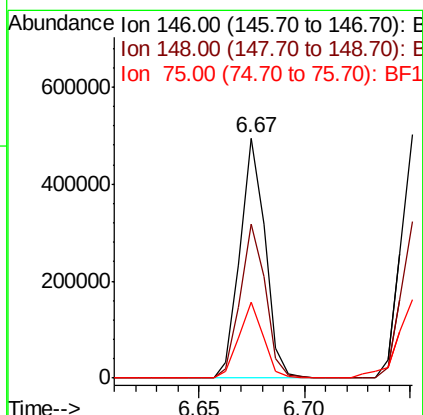
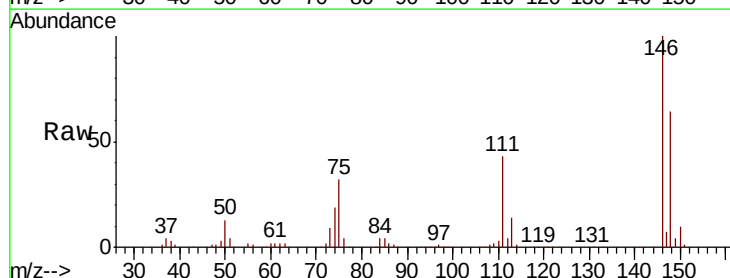
Instrument :
BNA_F
ClientSampleId :

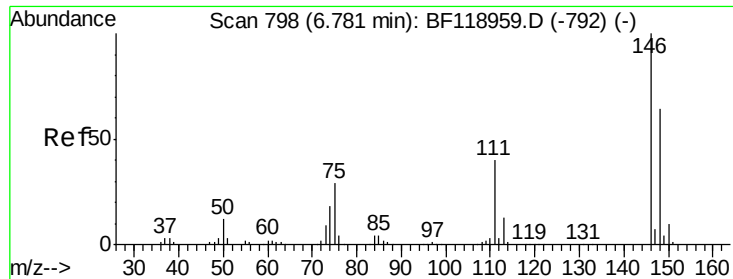
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.3	45.4	85.4
95	32.2	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 39.911 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.5	78.7
75	31.5	23.6	35.4

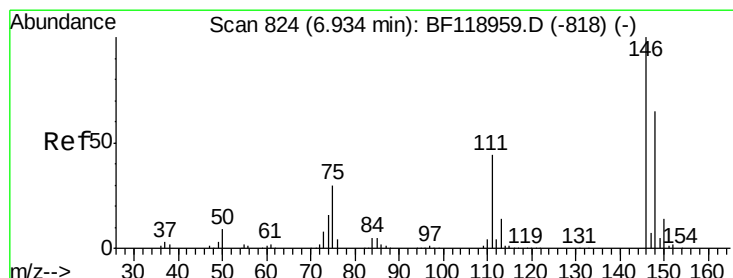
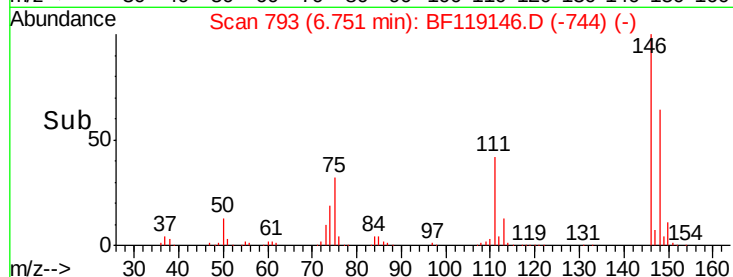
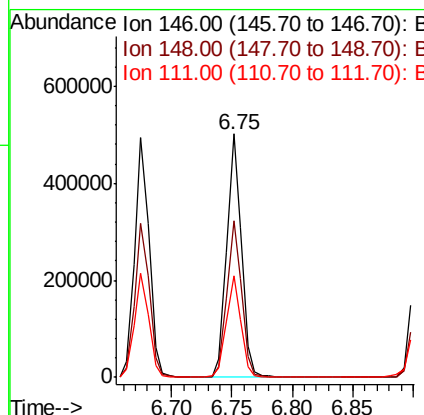
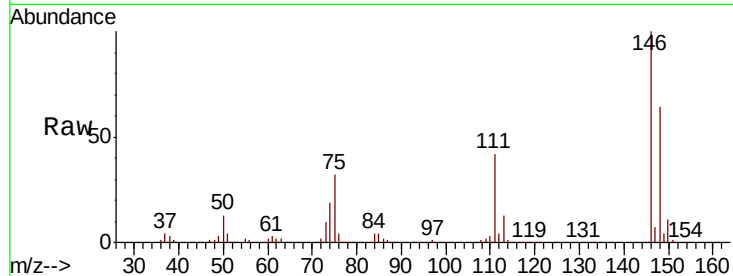




#13
 1,4-Dichlorobenzene
 Concen: 41.212 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

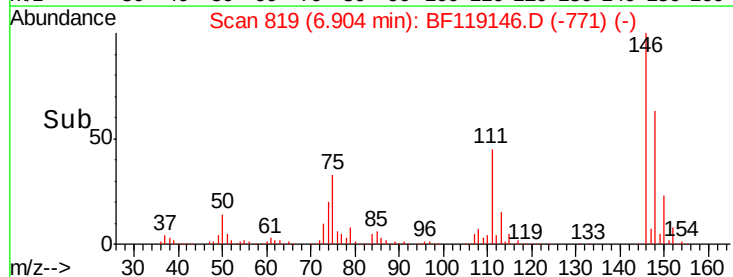
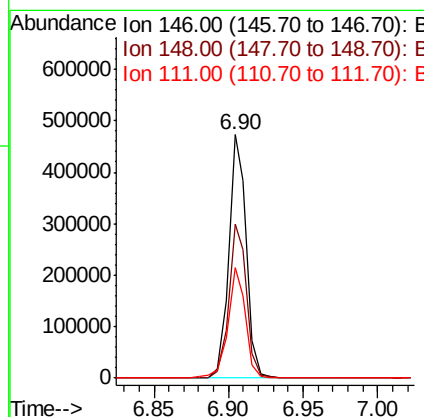
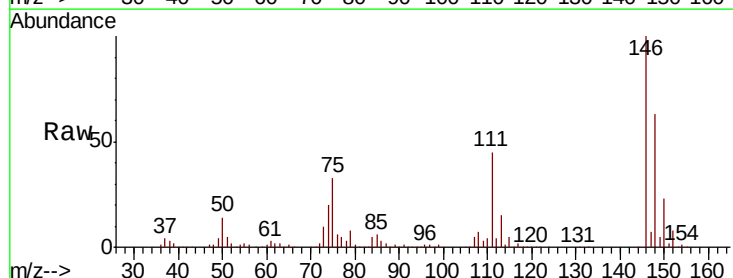
Instrument :
 BNA_F
 ClientSampleId :

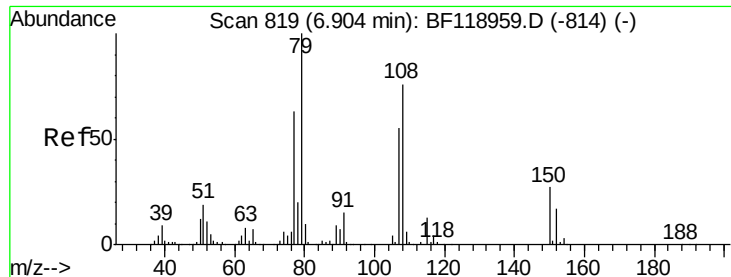
Tot Ion:146 Resp: 423477
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 41.8 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 42.074 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Tgt Ion:146 Resp: 394286
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.9 77.9
 111 45.2 36.2 54.2





#15

Benzyl Alcohol

Concen: 51.598 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampled :

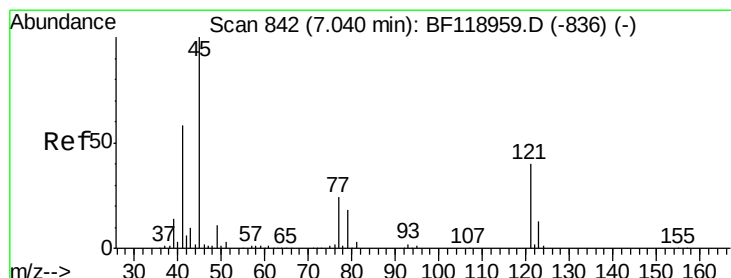
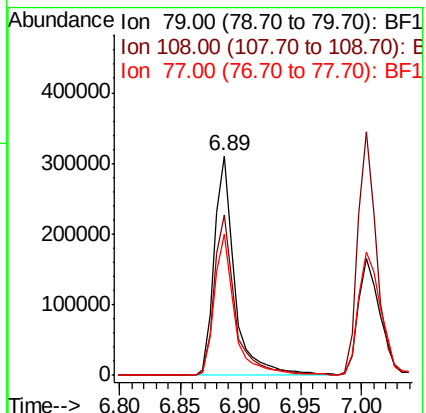
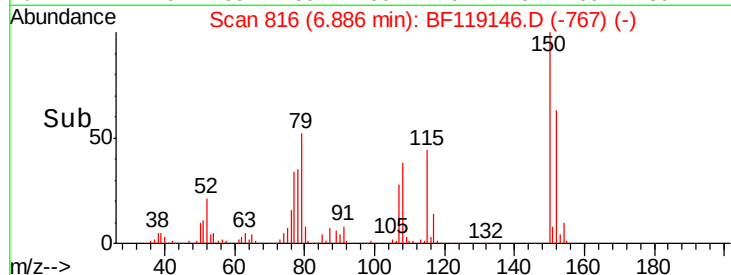
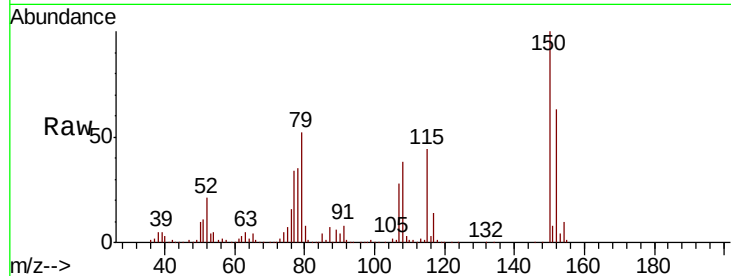
Tot Ion: 79 Resp: 360044

Ion Ratio Lower Upper

79 100

108 73.1 58.2 87.2

77 64.0 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.320 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

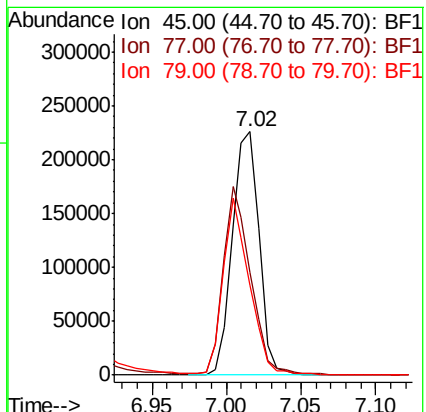
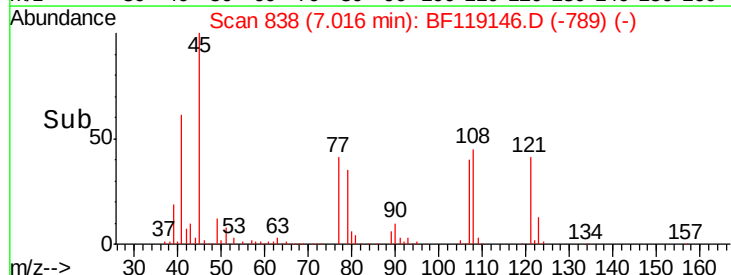
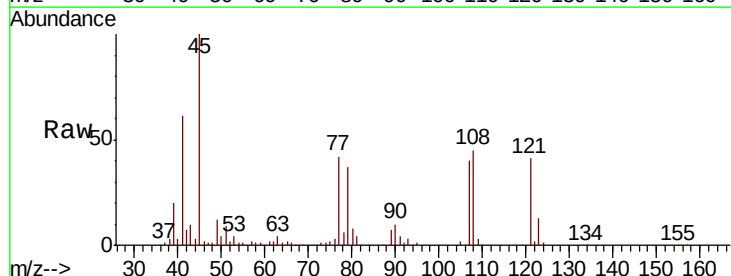
Tgt Ion: 45 Resp: 285882

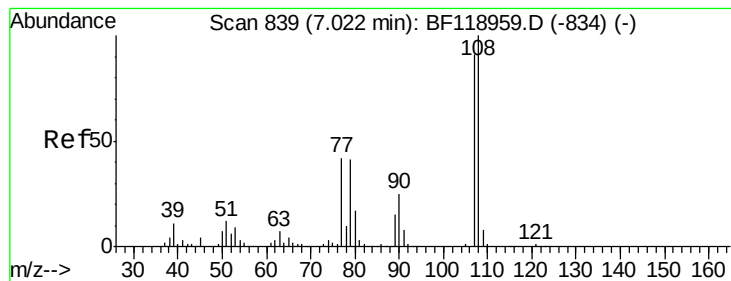
Ion Ratio Lower Upper

45 100

77 42.0 15.0 55.0

79 36.8 9.4 49.4

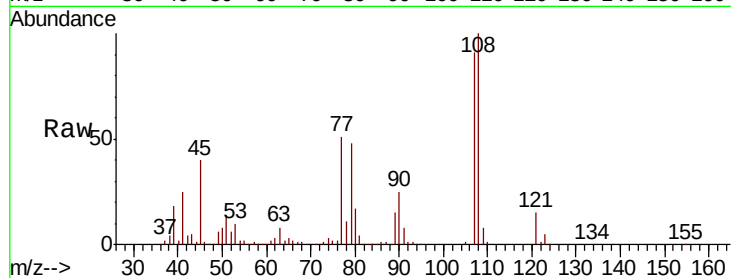




#17
2-Methylphenol
Concen: 47.970 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	333203
Ion	Ratio	Lower	Upper
107	100		
108	109.7	87.9	131.9
77	55.8	45.3	67.9
79	52.4	43.0	64.4



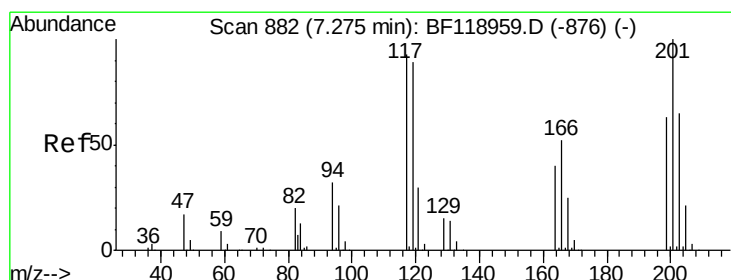
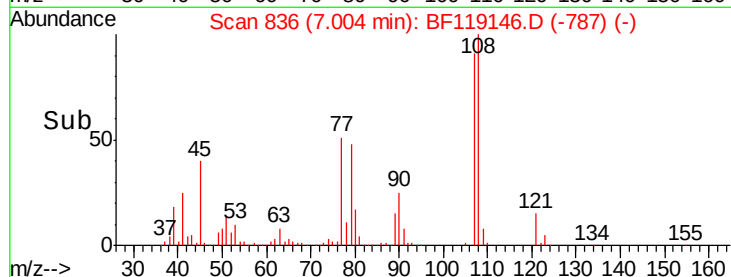
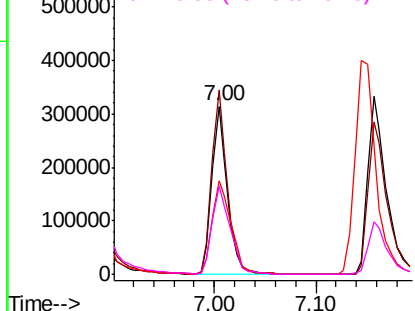
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

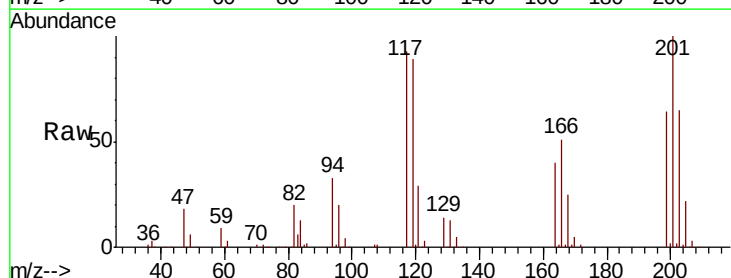
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.803 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion:	117	Resp:	146326
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.5	116.3
201	107.3	82.6	123.8

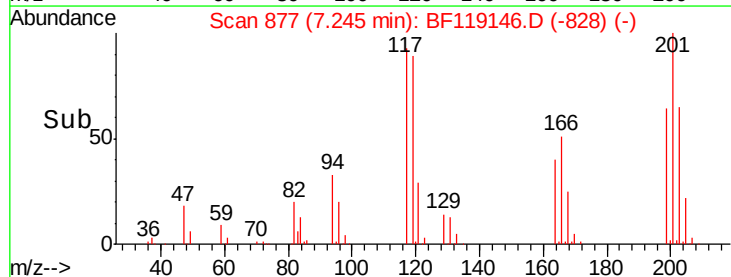
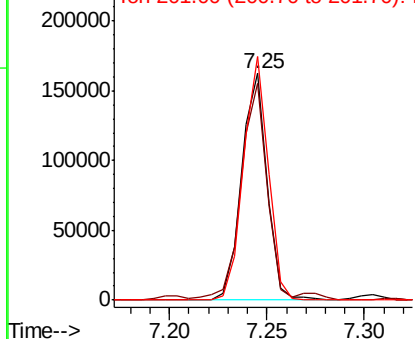


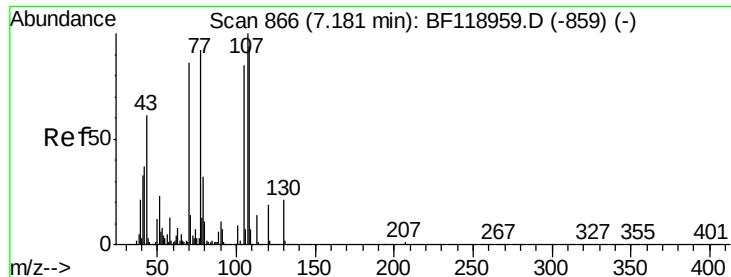
Abundance

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

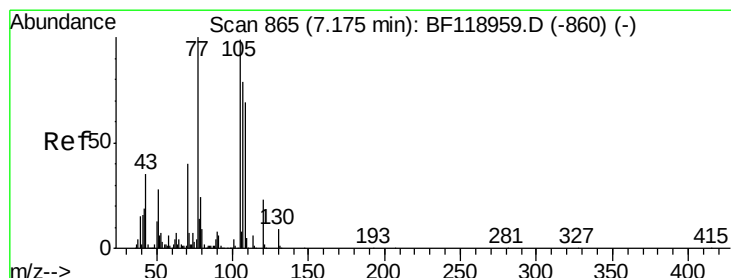
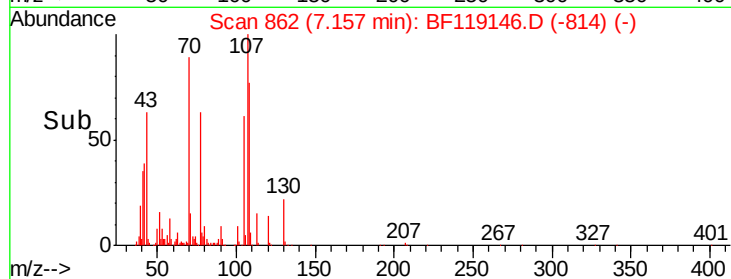
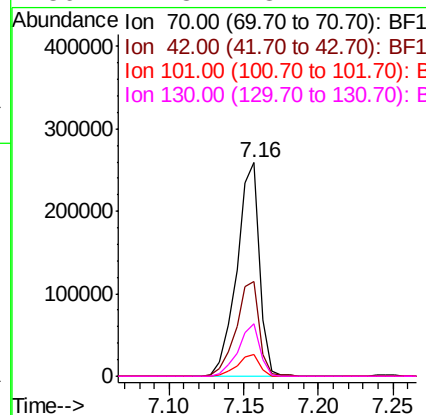
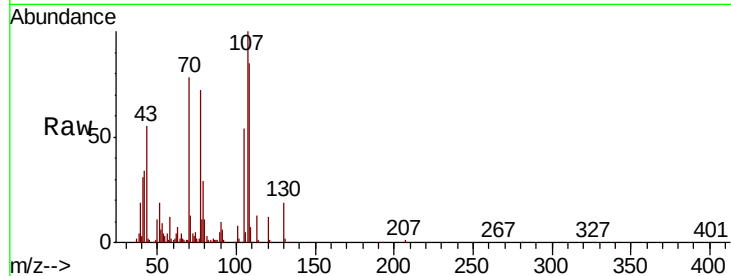




#19
n-Nitroso-di-n-propylamine
Concen: 49.166 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

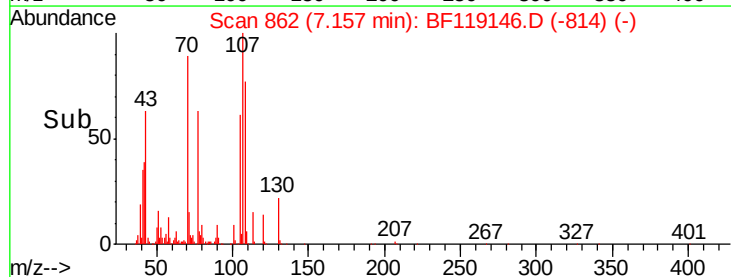
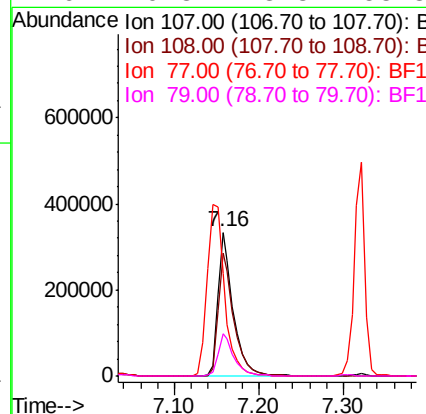
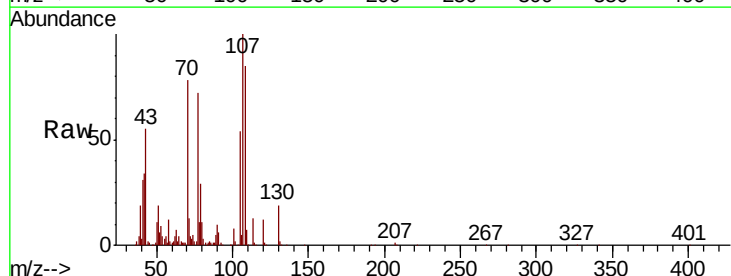
Instrument :
BNA_F
ClientSampleId :

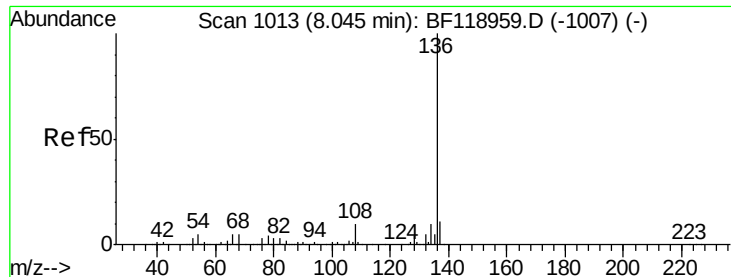
Tot Ion: 70 Resp: 276603
Ion Ratio Lower Upper
70 100
42 44.1 38.0 57.0
101 10.5 8.2 12.4
130 24.8 18.2 27.4



#20
3+4-Methylphenols
Concen: 49.954 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion: 107 Resp: 425095
Ion Ratio Lower Upper
107 100
108 85.3 71.5 111.5
77 71.7 45.9 85.9
79 29.3 13.8 53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 521917

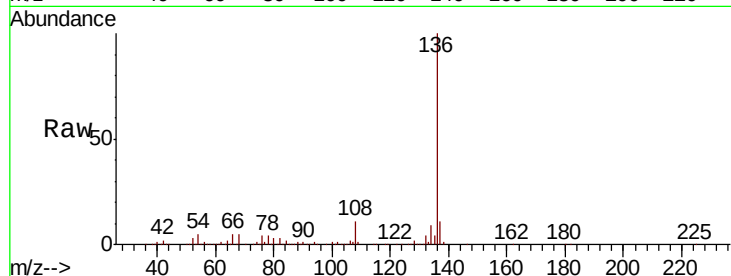
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 4.7 3.8 5.6

68 5.1 3.9 5.9

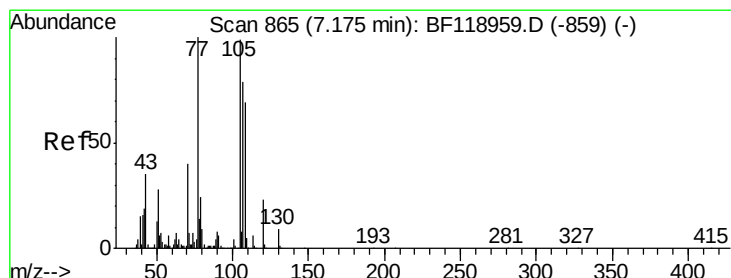
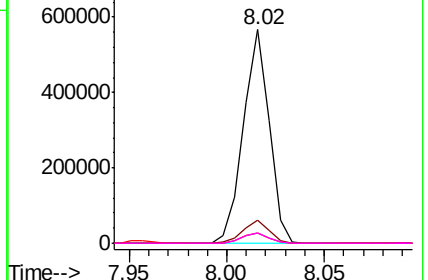
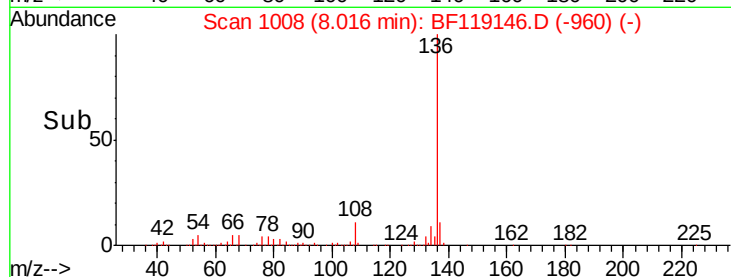


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 47.956 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Tgt Ion:105 Resp: 579102

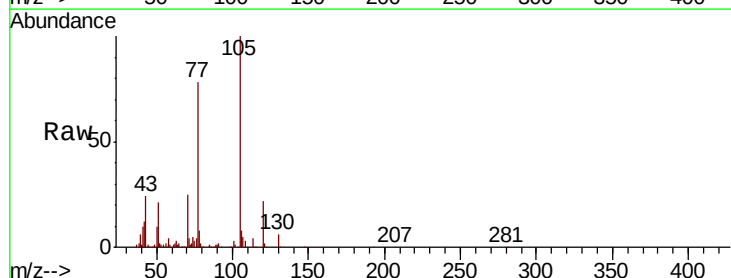
Ion Ratio Lower Upper

105 100

71 4.2 3.0 4.4

51 20.8 20.1 30.1

120 22.2 18.0 27.0

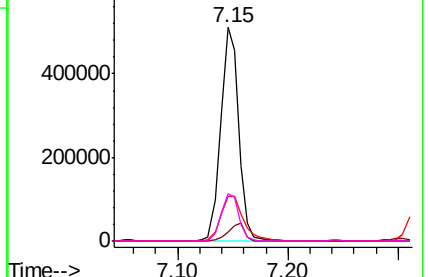
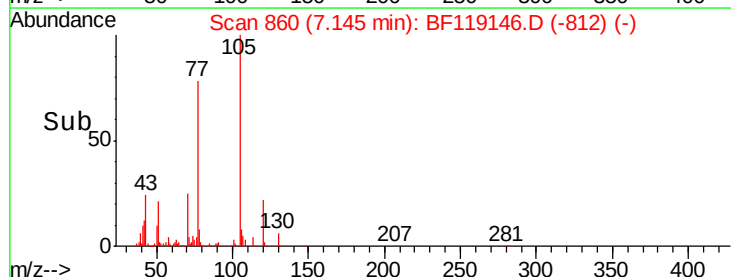


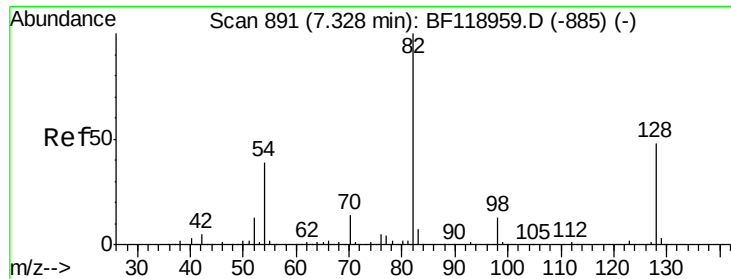
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

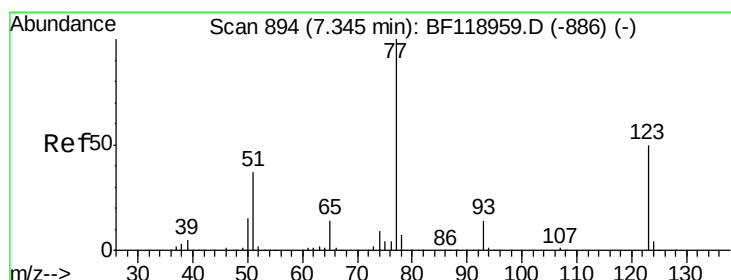
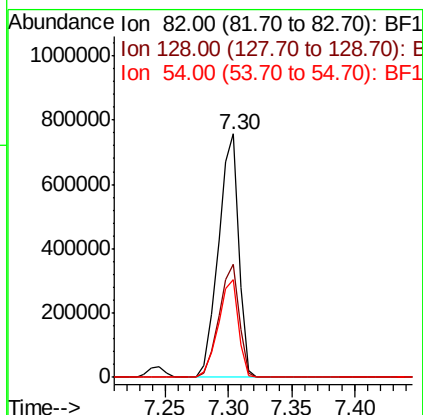
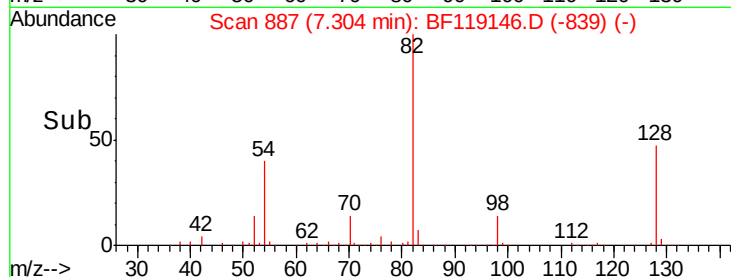
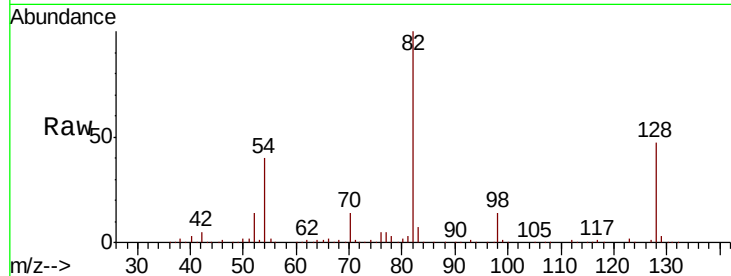




#23
Nitrobenzene-d5
Concen: 85.831 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

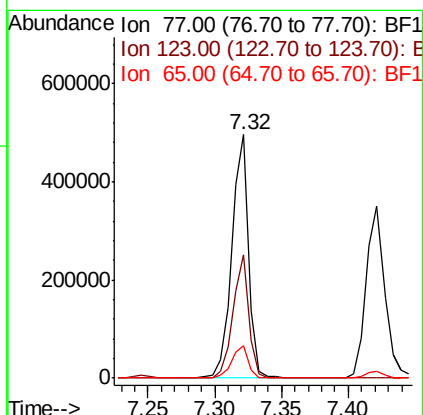
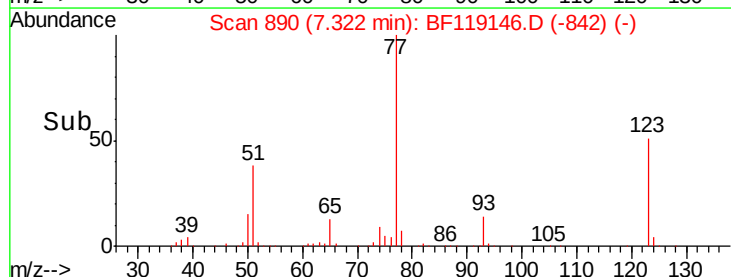
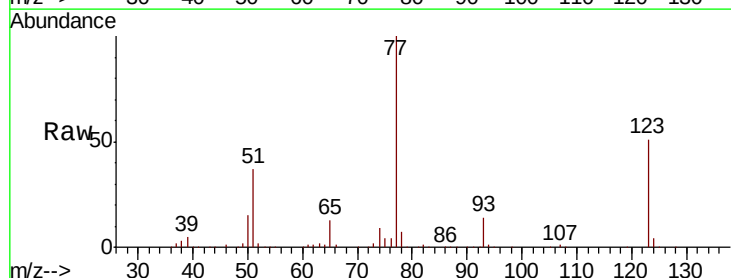
Instrument :
BNA_F
ClientSampleId :

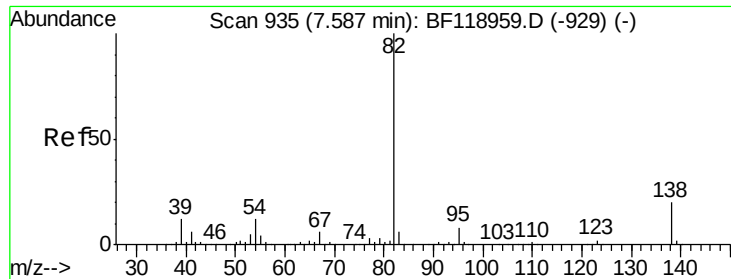
Tot Ion: 82 Resp: 848418
Ion Ratio Lower Upper
82 100
128 46.6 37.9 56.9
54 40.0 33.4 50.2



#24
Nitrobenzene
Concen: 44.618 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion: 77 Resp: 436144
Ion Ratio Lower Upper
77 100
123 50.5 40.2 60.2
65 13.3 10.8 16.2

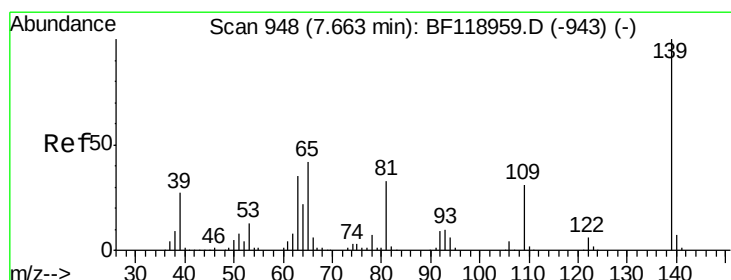
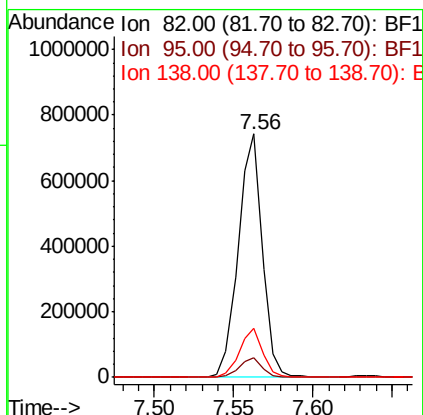
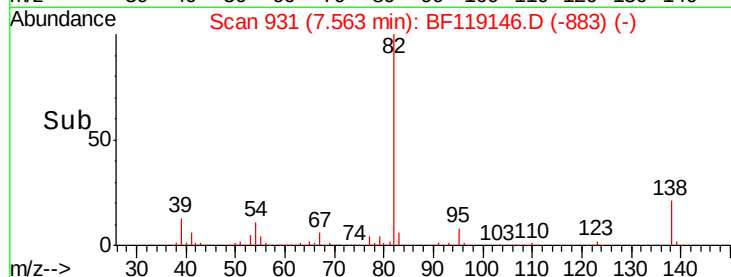
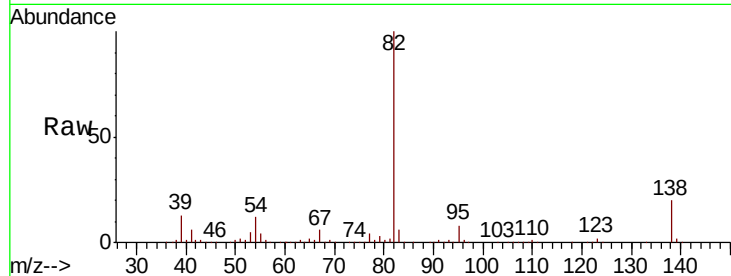




#25
Isophorone
Concen: 45.317 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

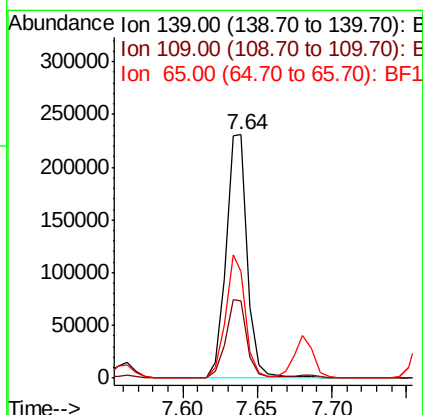
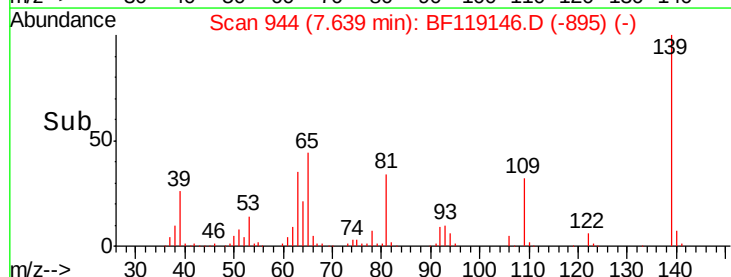
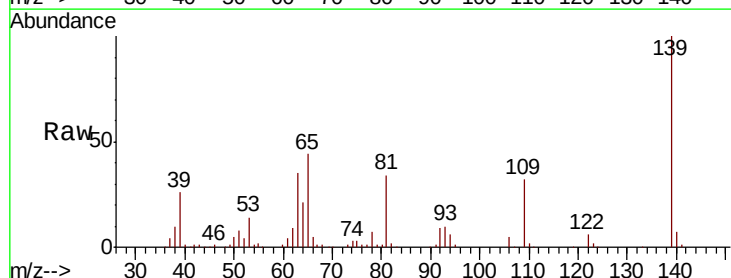
Instrument :
BNA_F
ClientSampled :

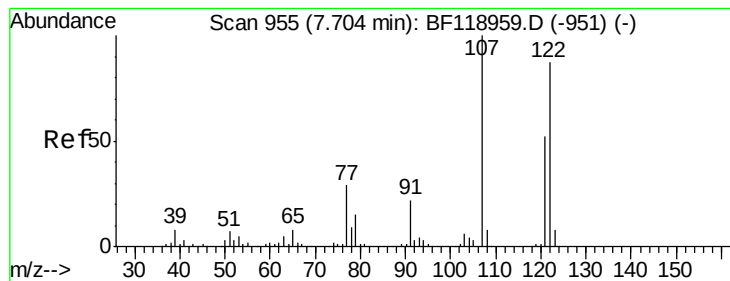
Tot Ion: 82 Resp: 777953
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 20.1 15.7 23.5



#26
2-Nitrophenol
Concen: 45.334 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion: 139 Resp: 234798
Ion Ratio Lower Upper
139 100
109 31.5 25.7 38.5
65 43.7 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 51.221 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

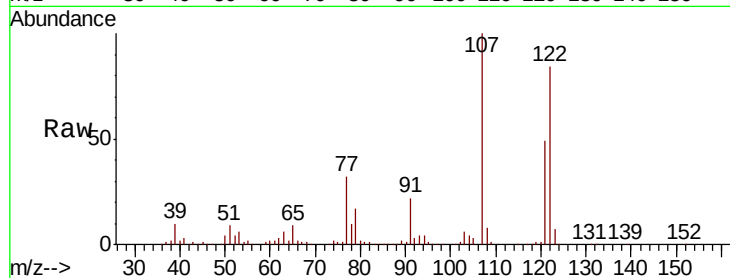
Tot Ion:122 Resp: 360043

Ion Ratio Lower Upper

122 100

107 119.1 93.8 140.6

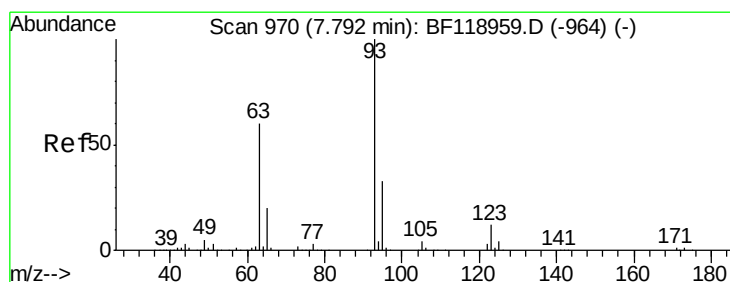
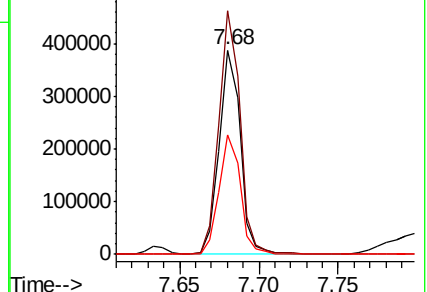
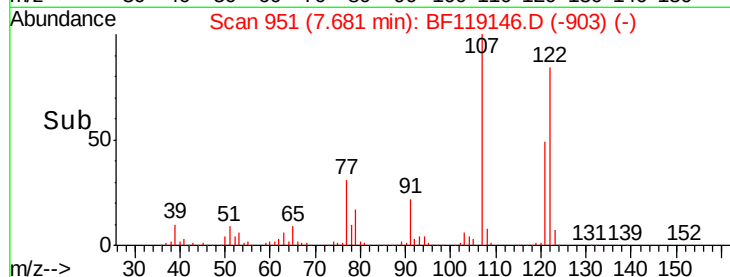
121 58.6 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.465 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

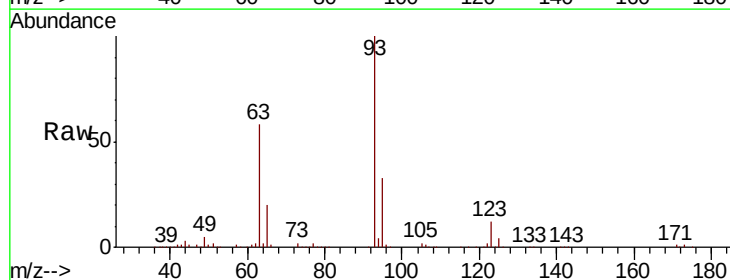
Tgt Ion: 93 Resp: 463322

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

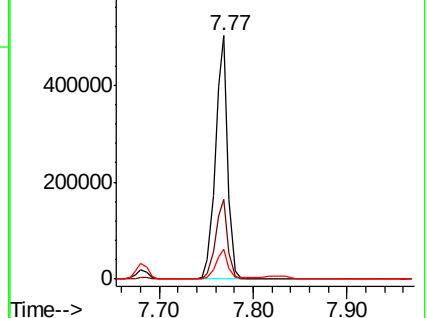
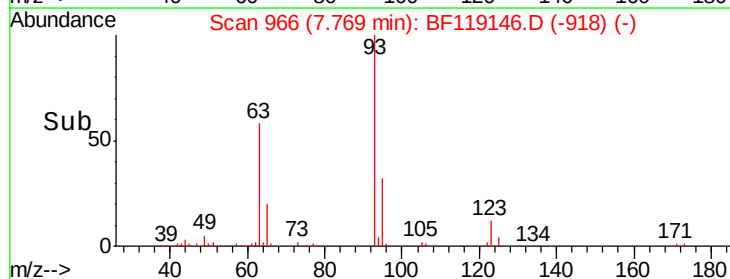
123 12.4 10.2 15.2

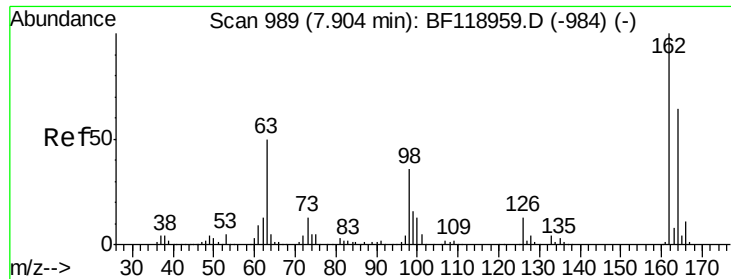


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

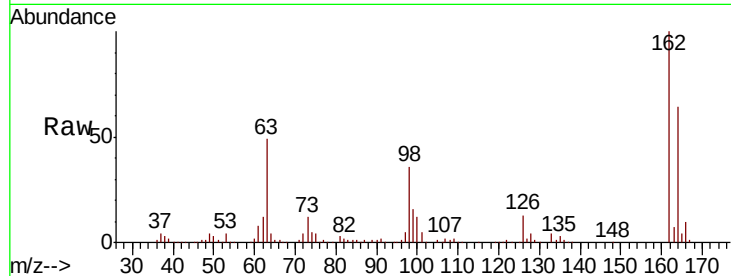




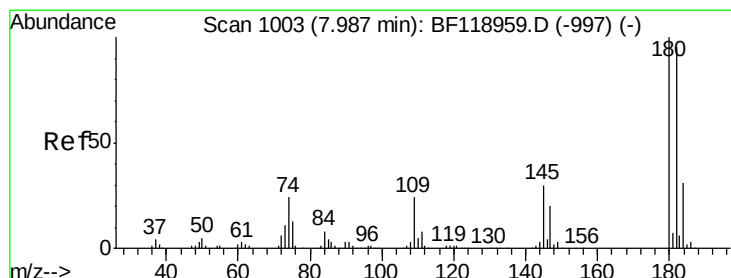
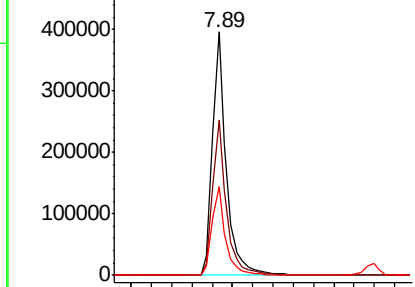
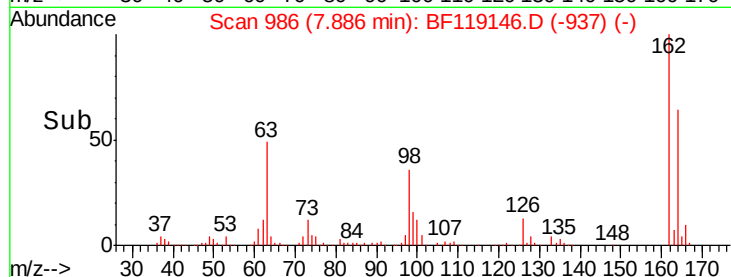
#29
2,4-Dichlorophenol
Concen: 45.260 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 374533
Ion Ratio Lower Upper
162 100
164 64.0 45.2 85.2
98 36.4 17.4 57.4

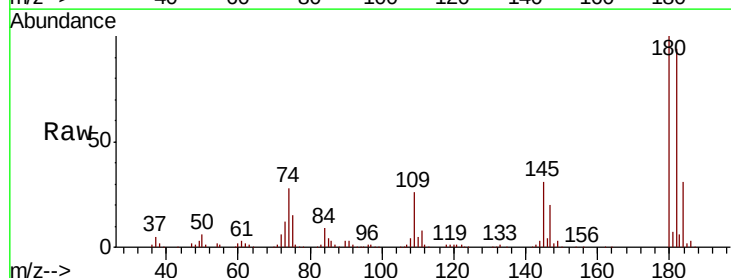


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

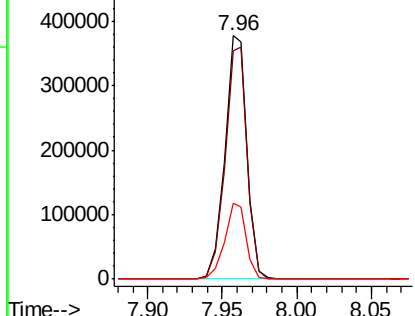
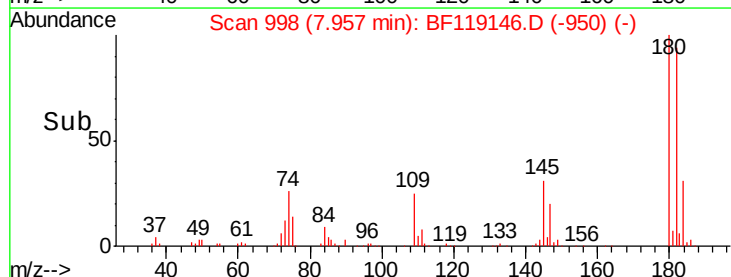


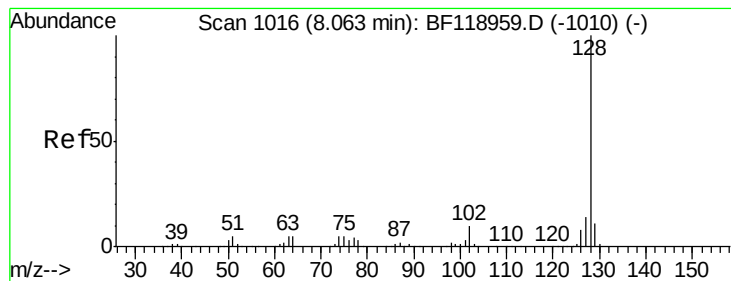
#30
1,2,4-Trichlorobenzene
Concen: 40.120 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion:180 Resp: 393626
Ion Ratio Lower Upper
180 100
182 93.9 77.8 116.6
145 31.0 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: 44.152 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

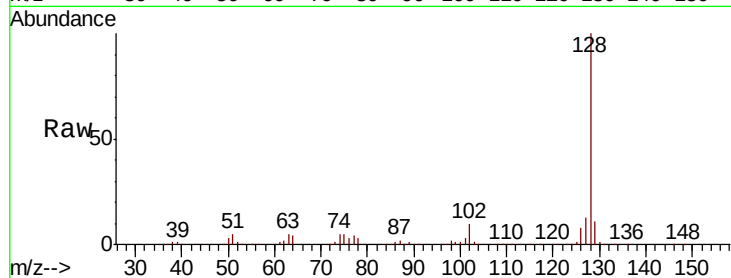
Tot Ion:128 Resp: 1195081

Ion Ratio Lower Upper

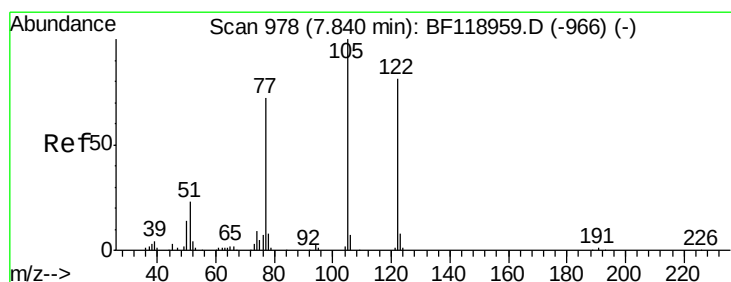
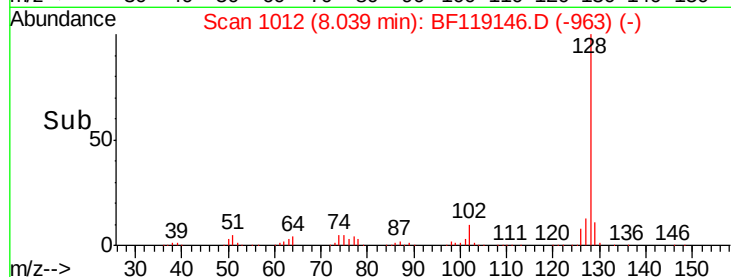
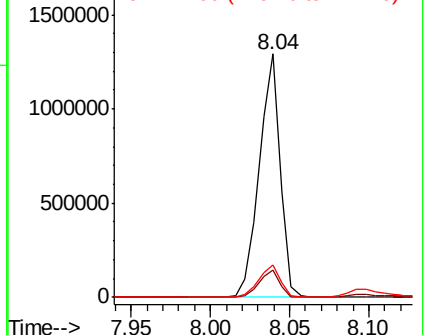
128 100

129 11.2 9.4 14.2

127 13.5 11.4 17.2



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



#32

Benzoic acid

Concen: 45.450 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.03 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

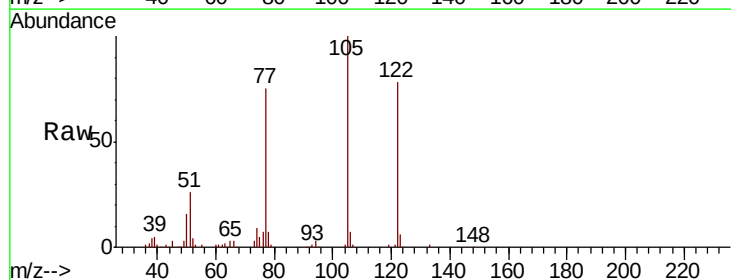
Tgt Ion:122 Resp: 231001

Ion Ratio Lower Upper

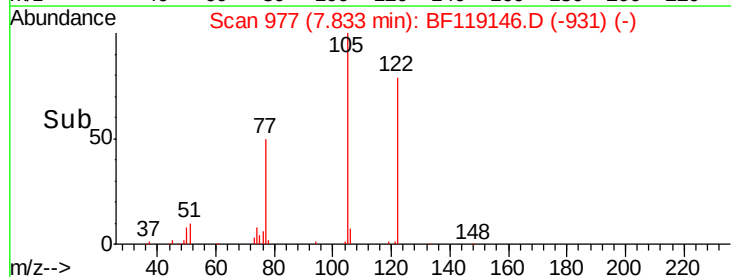
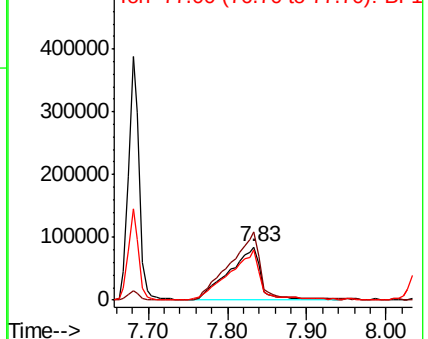
122 100

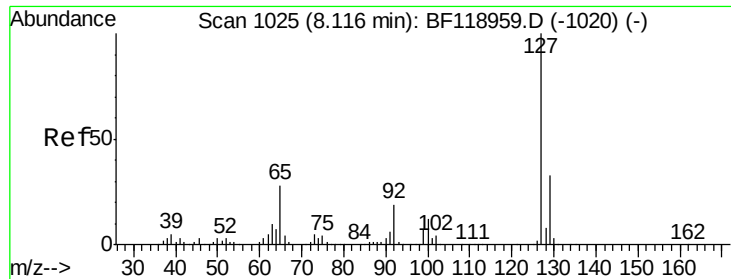
105 127.7 106.3 146.3

77 95.5 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

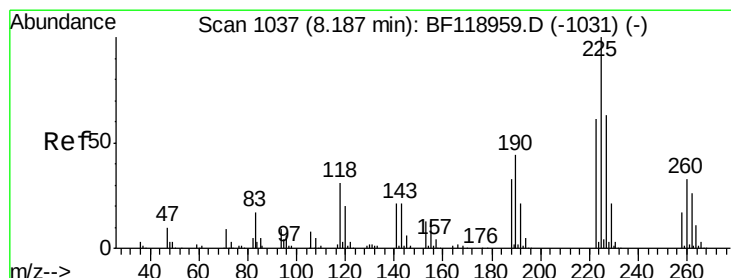
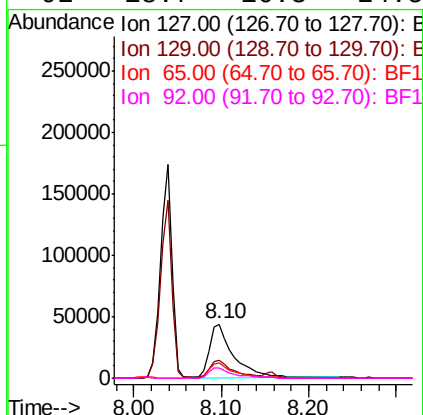
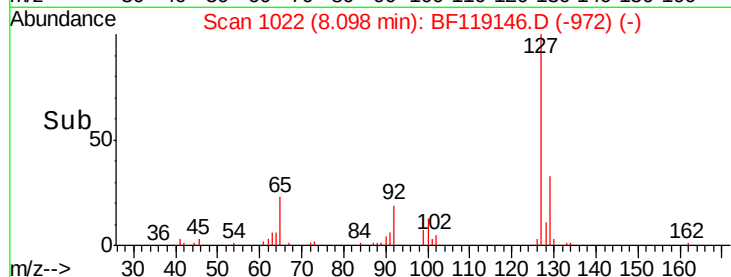
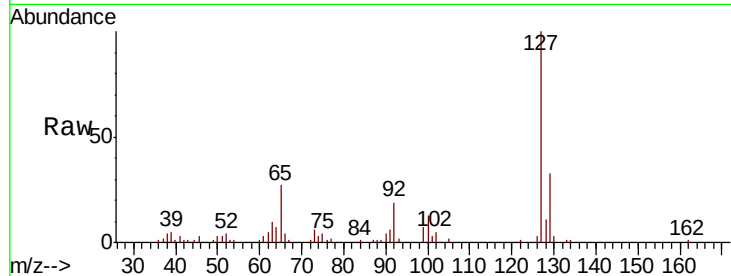




#33
4-Chloroaniline
Concen: 7.207 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

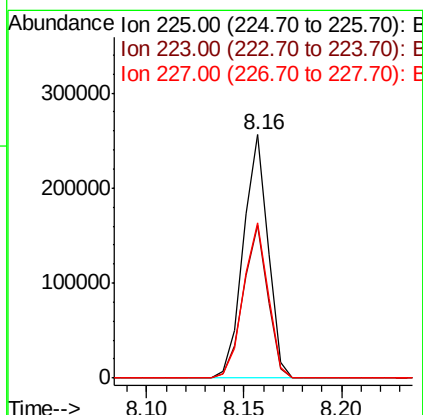
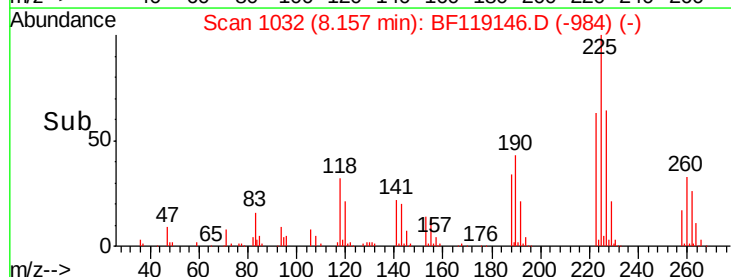
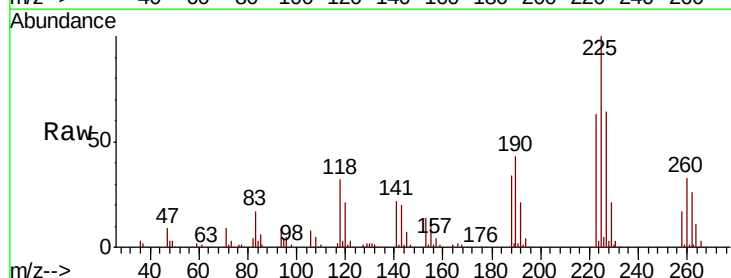
Instrument :
BNA_F
ClientSampled :

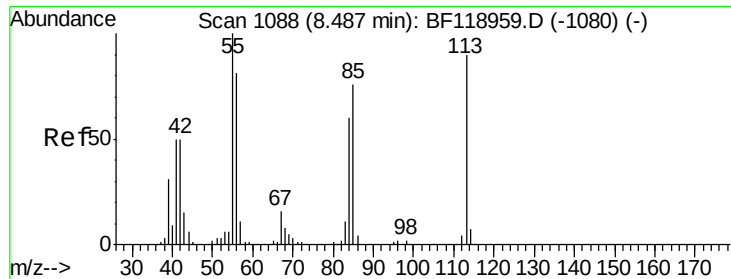
Tot Ion:	127	Resp:	83905
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	27.4	23.9	35.9
92	18.7	16.3	24.5



#34
Hexachlorobutadiene
Concen: 36.625 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion:	225	Resp:	223833
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	63.8	52.9	79.3

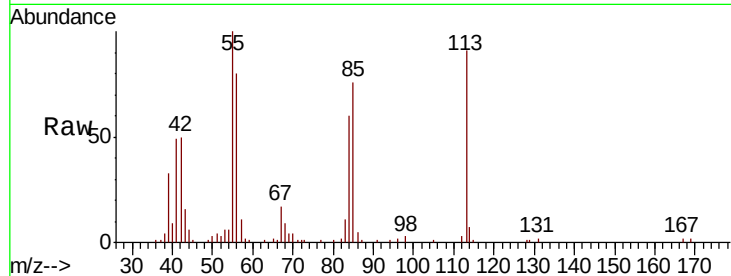




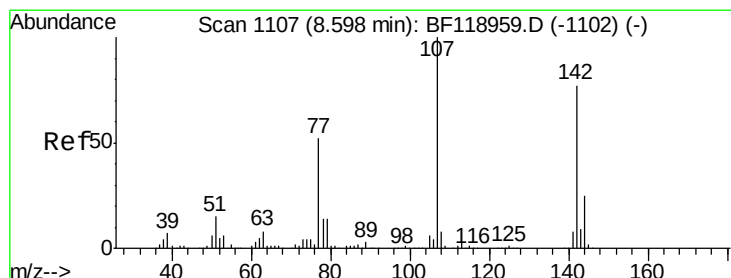
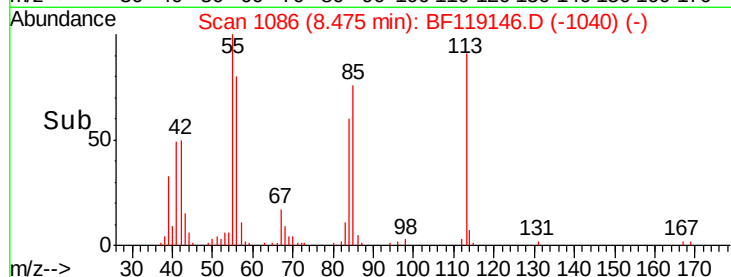
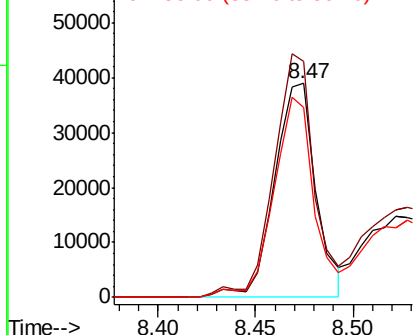
#35
 Caprolactam
 Concen: 22.503 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 57338
 Ion Ratio Lower Upper
 113 100
 55 110.1 95.7 135.7
 56 88.6 73.1 113.1

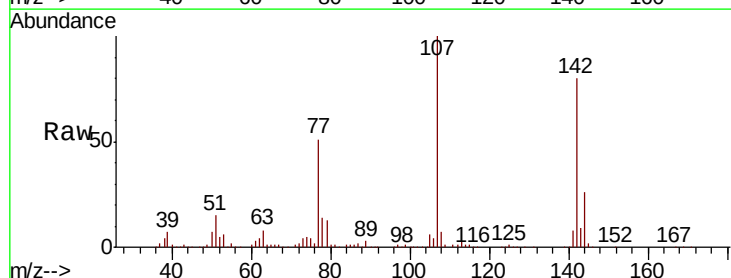


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

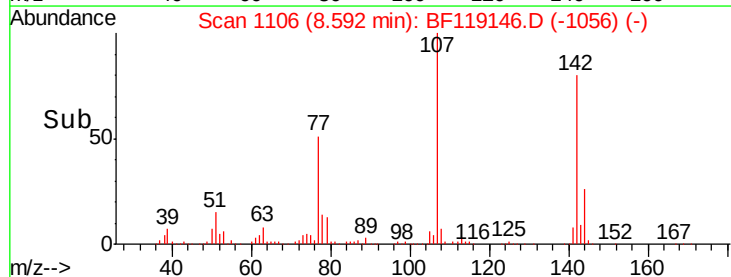
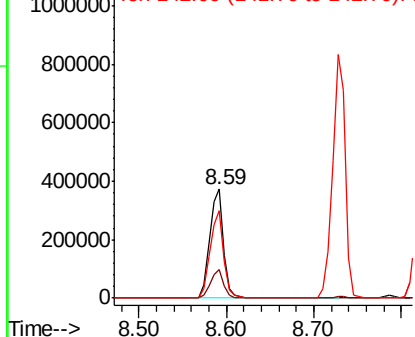


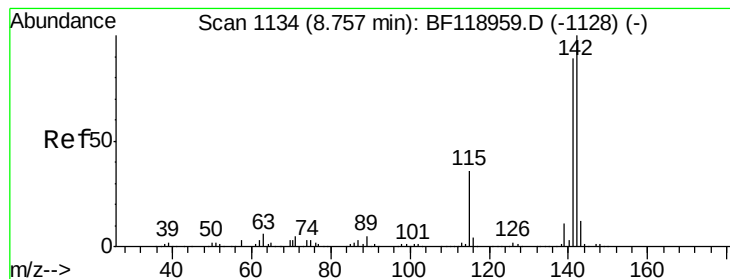
#36
 4-Chloro-3-methylphenol
 Concen: 48.602 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Tgt Ion:107 Resp: 407030
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.1 30.1
 142 80.2 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.845 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampled :

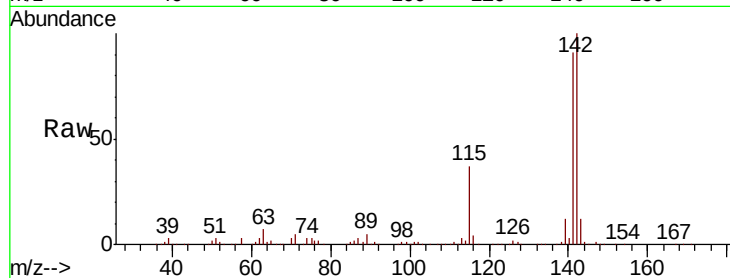
Tot Ion:142 Resp: 835085

Ion Ratio Lower Upper

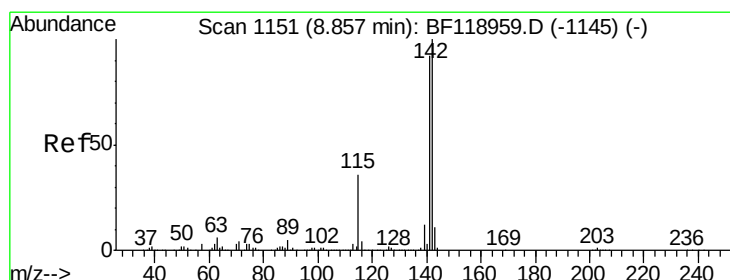
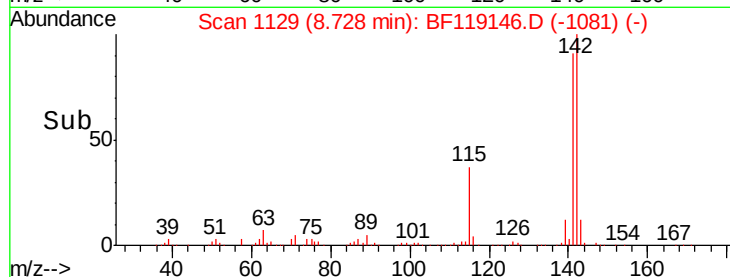
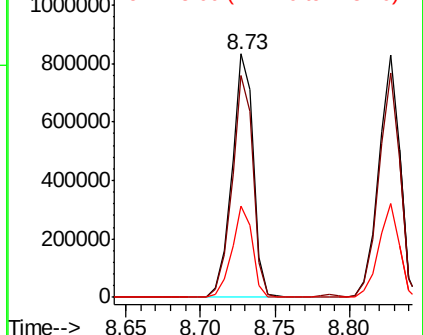
142 100

141 91.3 72.3 108.5

115 37.5 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: 46.290 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

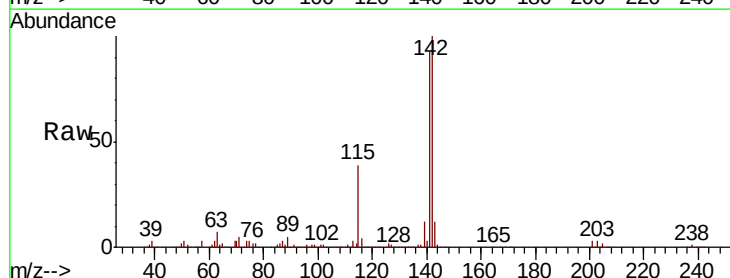
Tgt Ion:142 Resp: 792992

Ion Ratio Lower Upper

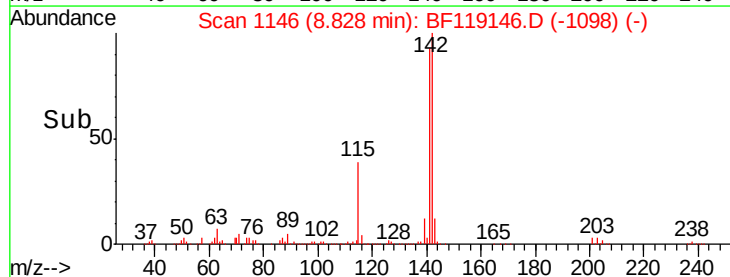
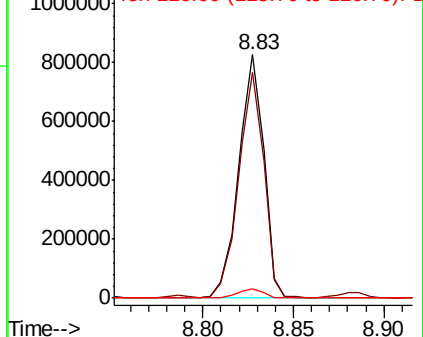
142 100

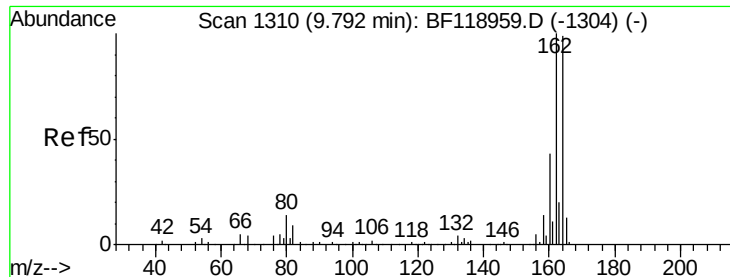
141 92.8 75.8 113.6

116 4.0 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: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

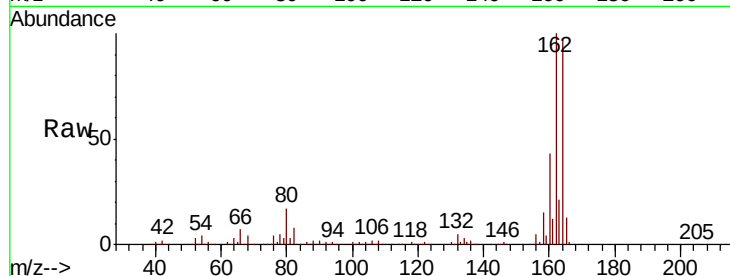
Tot Ion:164 Resp: 295504

Ion Ratio Lower Upper

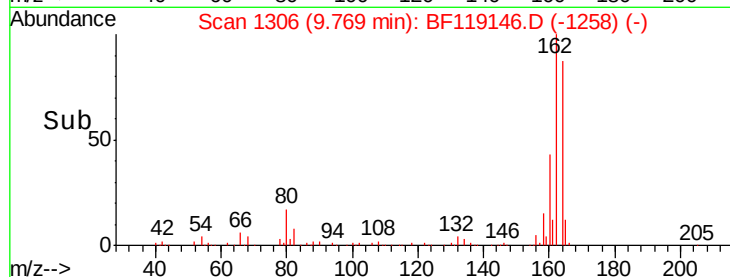
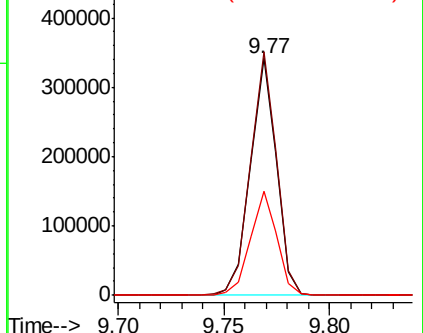
164 100

162 102.9 81.8 122.8

160 44.0 36.0 54.0



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.320 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Tgt Ion:216 Resp: 411676

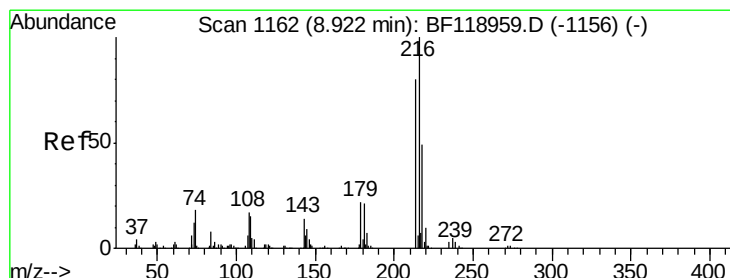
Ion Ratio Lower Upper

216 100

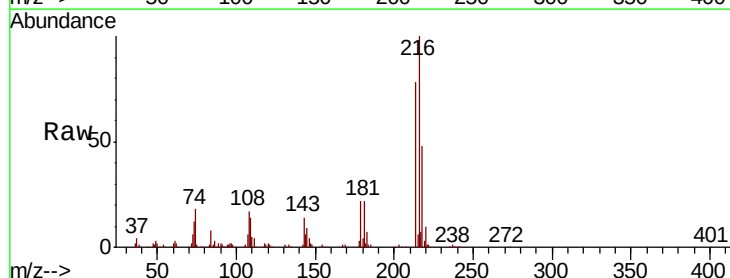
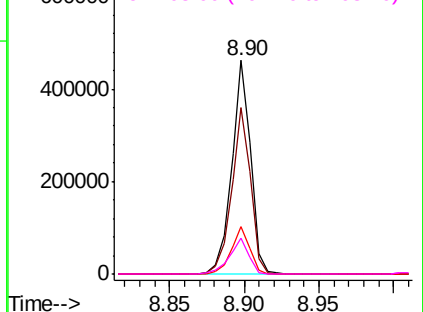
214 78.0 63.3 94.9

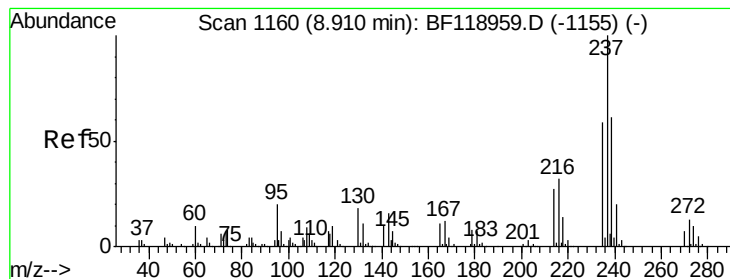
179 21.5 17.7 26.5

108 17.5 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: 46.945 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

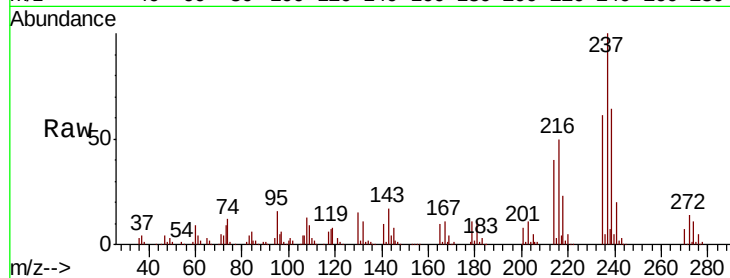
Tot Ion:237 Resp: 154299

Ion Ratio Lower Upper

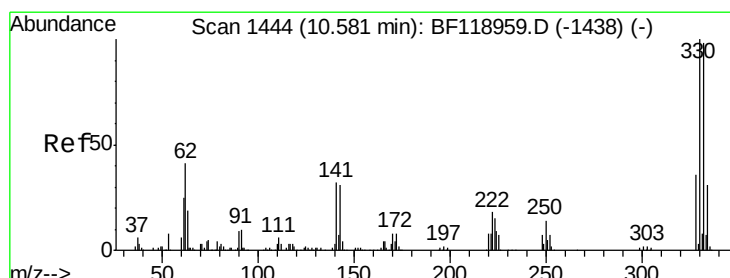
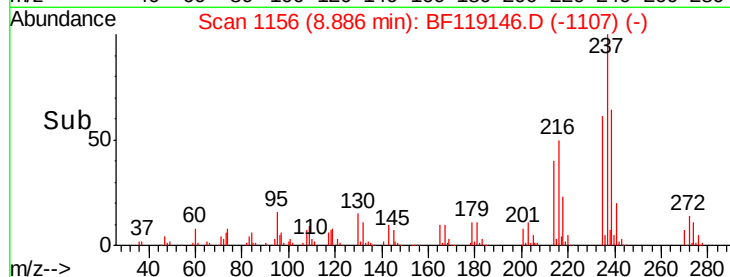
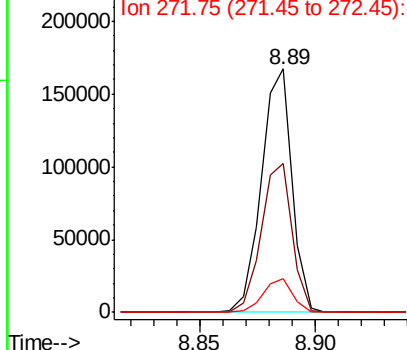
237 100

235 61.3 42.3 82.3

272 13.7 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: 125.355 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

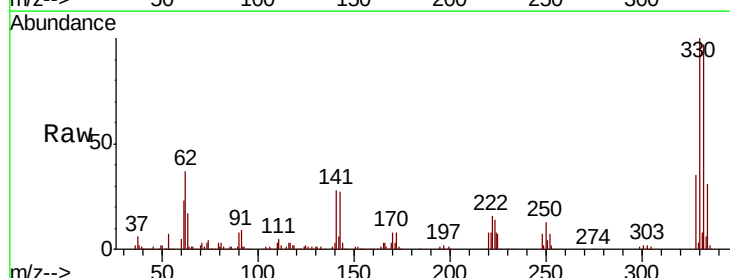
Tgt Ion:330 Resp: 484584

Ion Ratio Lower Upper

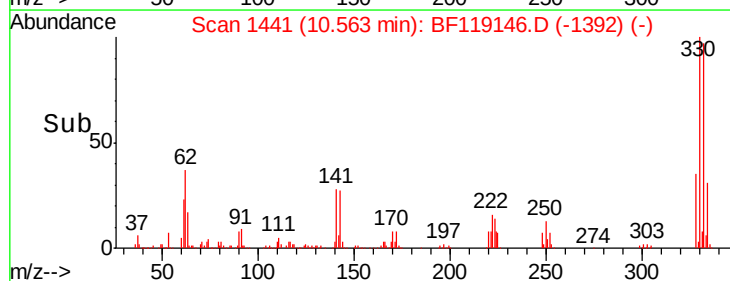
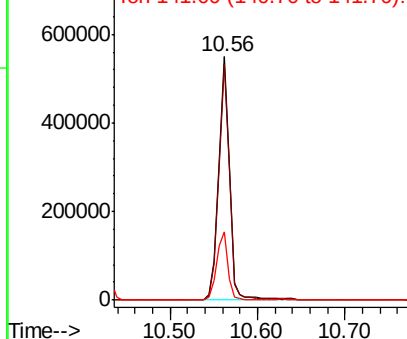
330 100

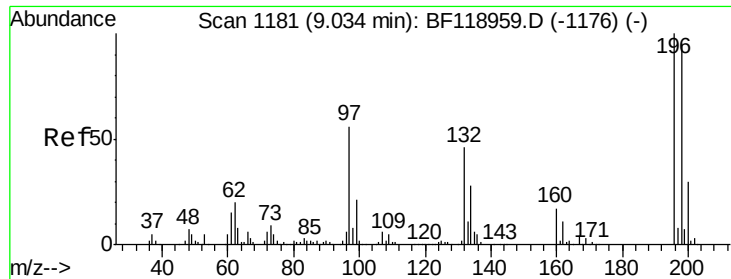
332 96.8 76.0 114.0

141 28.9 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

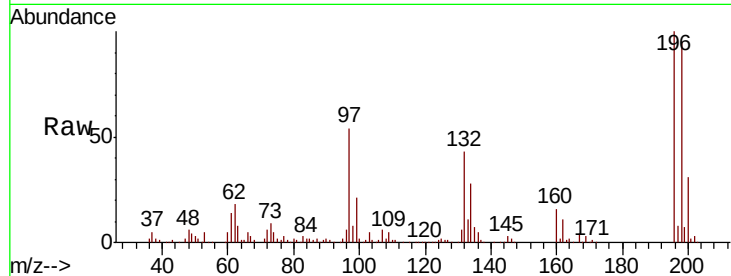




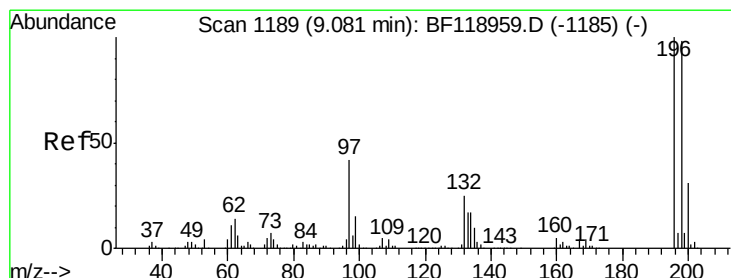
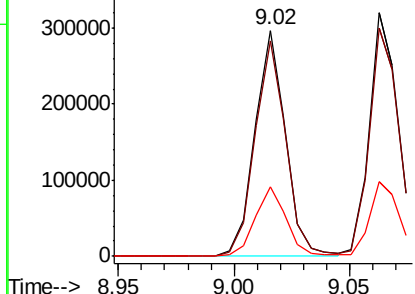
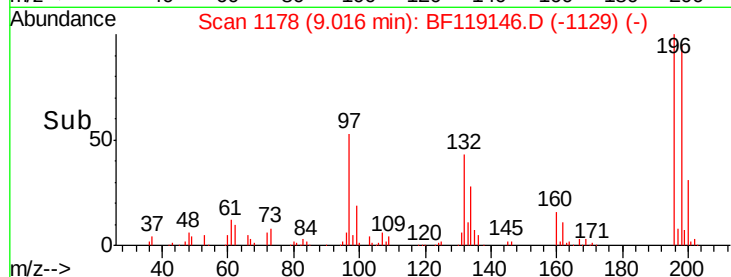
#43
 2,4,6-Trichlorophenol
 Concen: 43.815 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.1	115.7
200	30.9	25.0	37.6

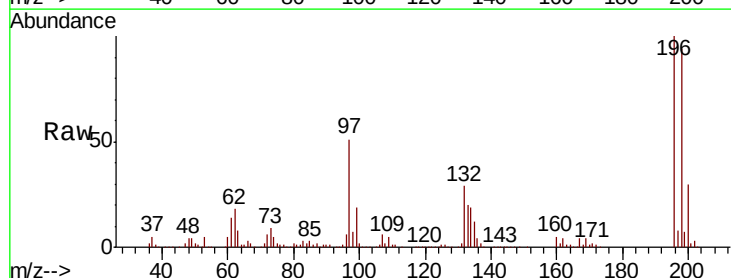


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

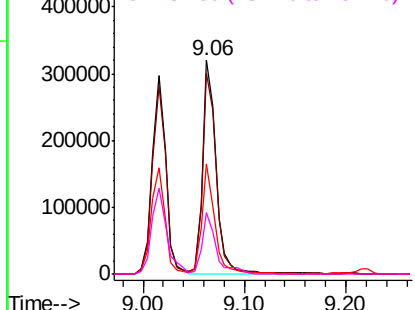
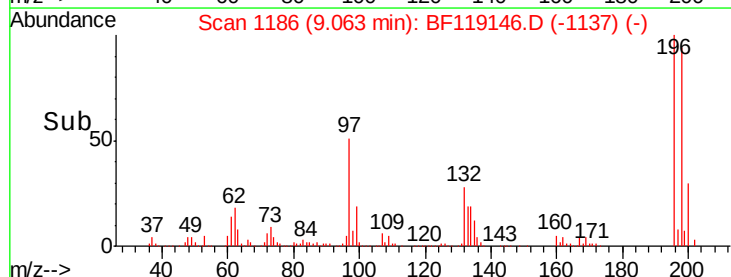


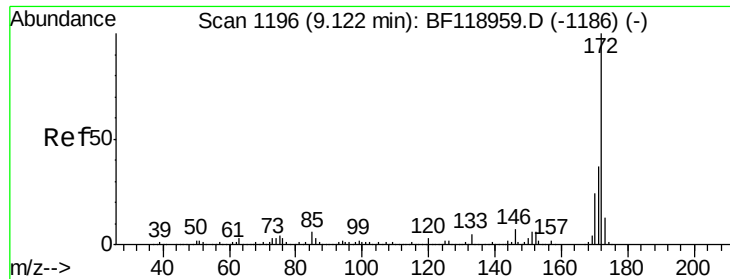
#44
 2,4,5-Trichlorophenol
 Concen: 44.696 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.8	115.2
97	51.3	38.5	57.7
132	28.6	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

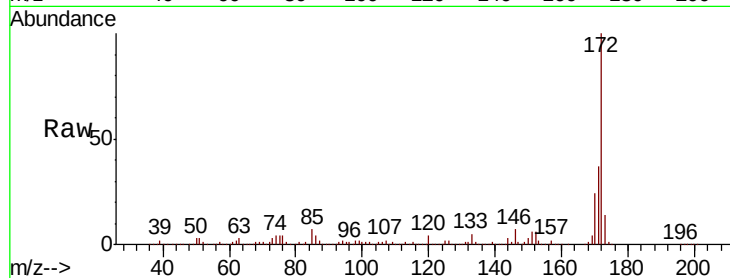




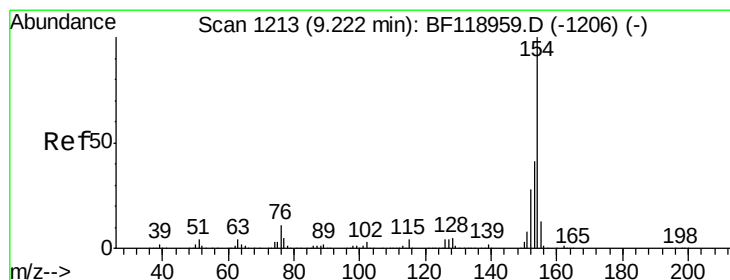
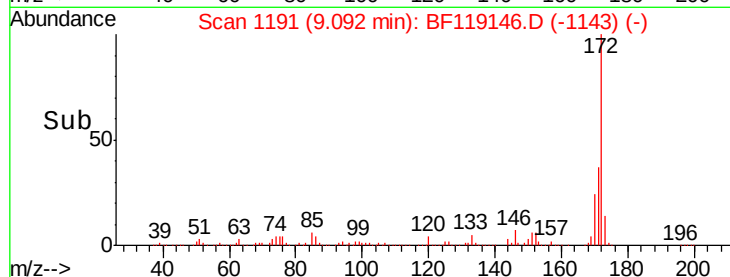
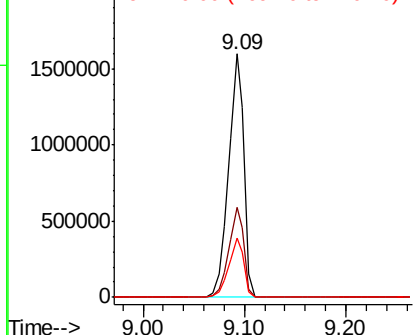
#45
2-Fluorobiphenyl
Concen: 82.839 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1661660
Ion Ratio Lower Upper
172 100
171 37.1 30.6 45.8
170 24.3 20.2 30.2

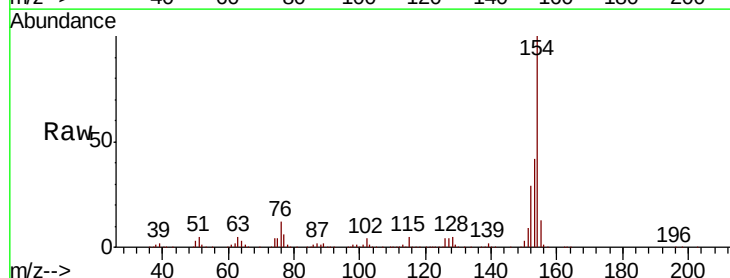


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

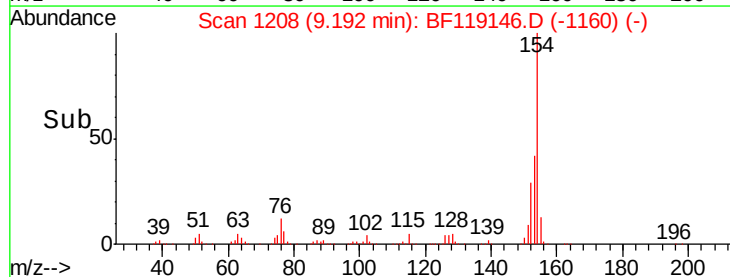
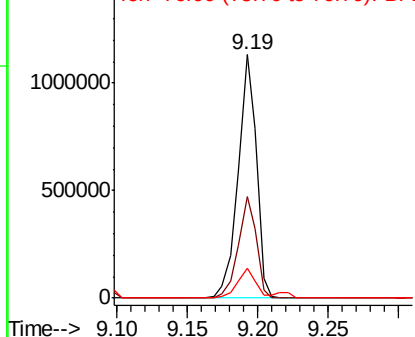


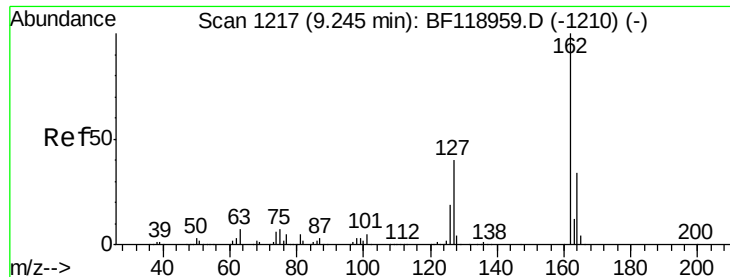
#46
1,1'-Biphenyl
Concen: 42.625 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion:154 Resp: 1018000
Ion Ratio Lower Upper
154 100
153 41.5 22.8 62.8
76 12.5 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

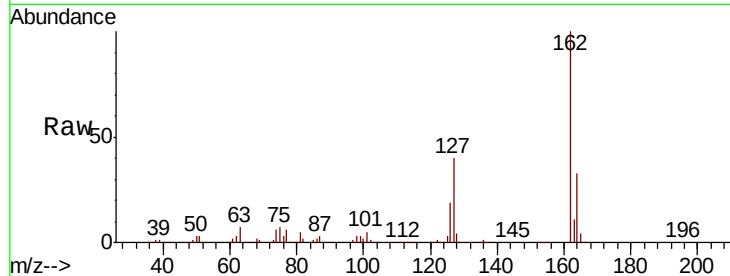




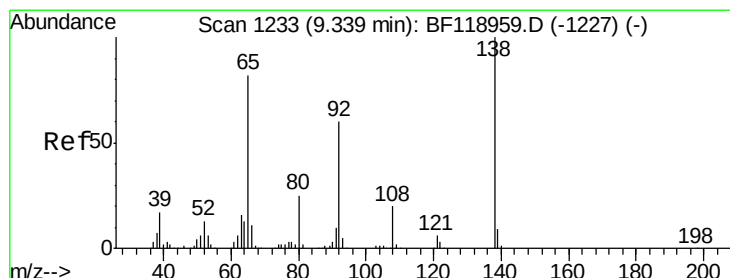
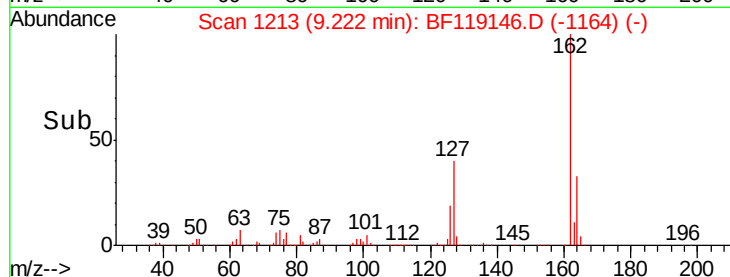
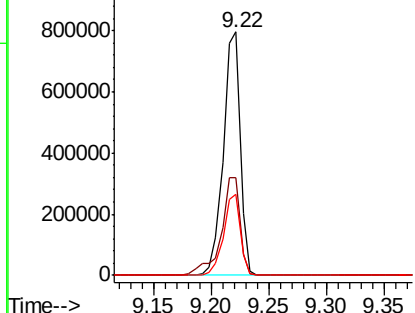
#47
 2-Chloronaphthalene
 Concen: 42.248 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	35.0	52.4
164	33.4	27.2	40.8

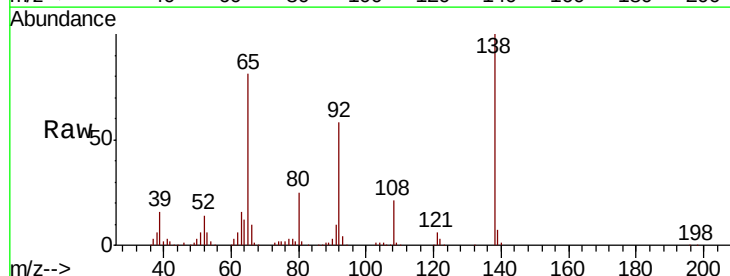


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

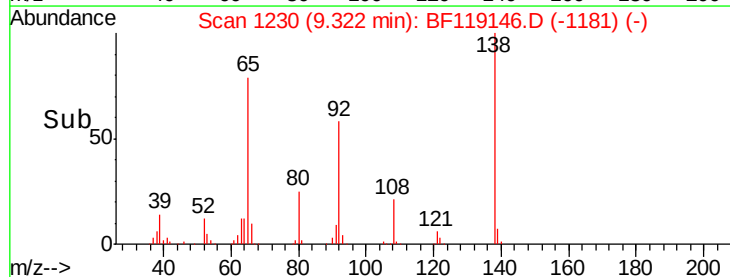
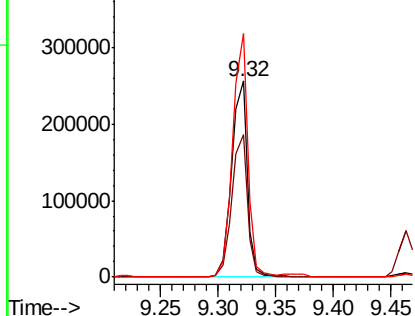


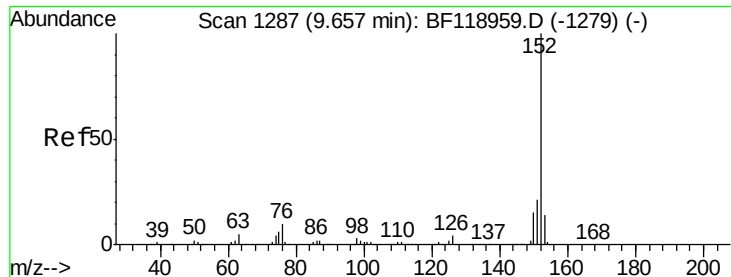
#48
 2-Nitroaniline
 Concen: 45.396 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	58.2	87.2
138	124.1	95.6	143.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.480 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

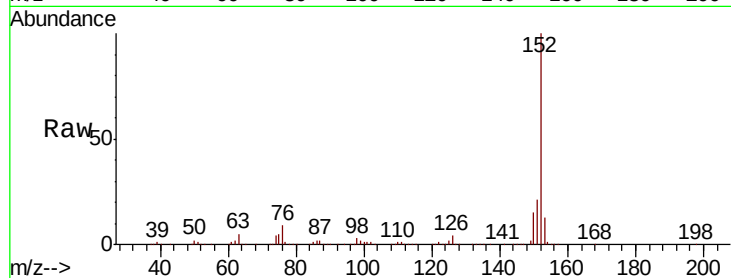
Tot Ion:152 Resp: 1264197

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

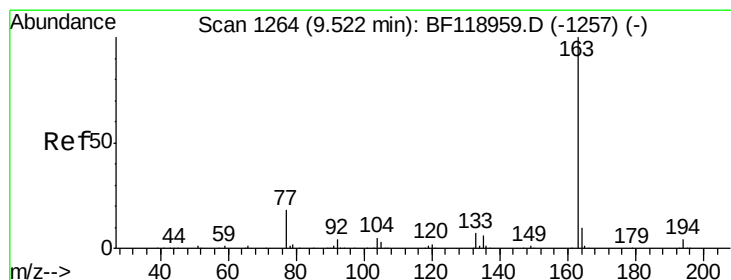
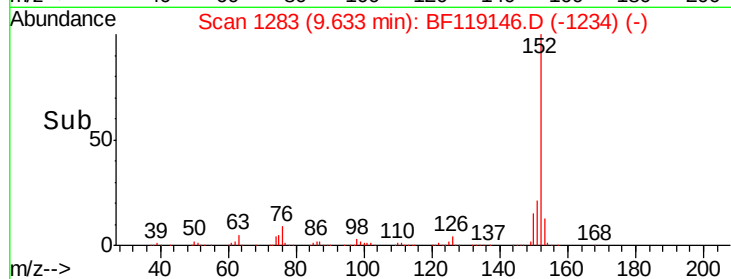
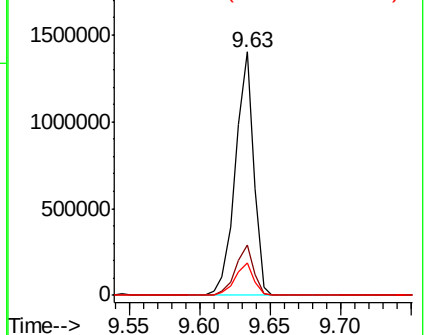
153 13.4 11.0 16.6



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: 44.128 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

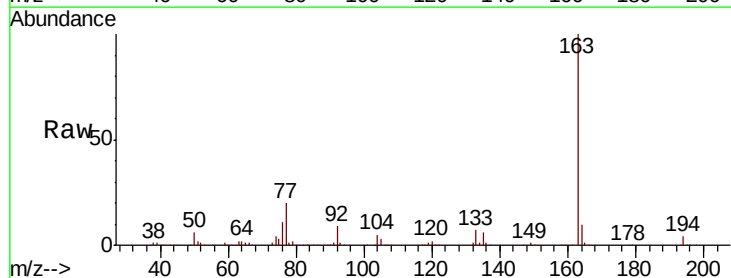
Tgt Ion:163 Resp: 997132

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

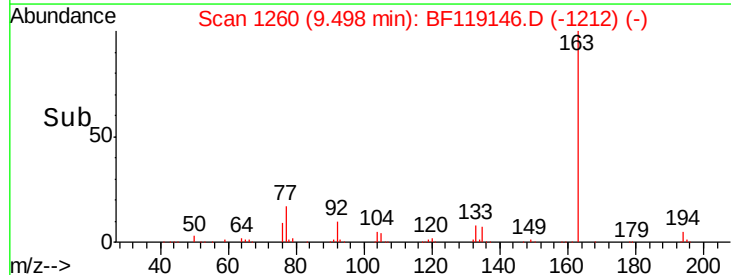
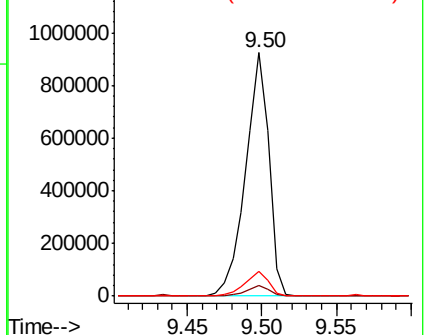
164 10.2 8.4 12.6

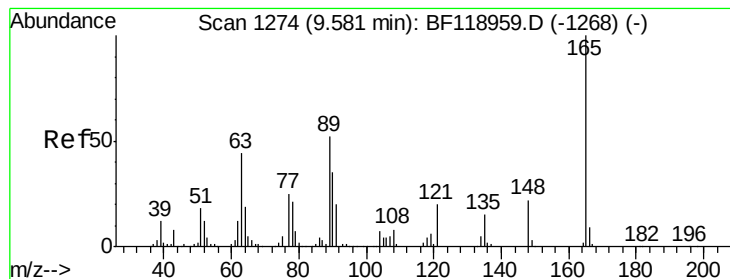


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.530 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampled :

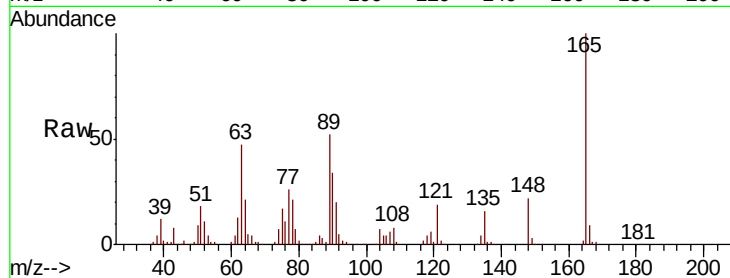
Tot Ion:165 Resp: 228576

Ion Ratio Lower Upper

165 100

63 47.0 34.3 51.5

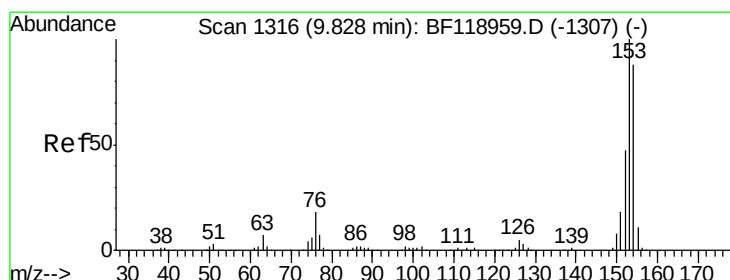
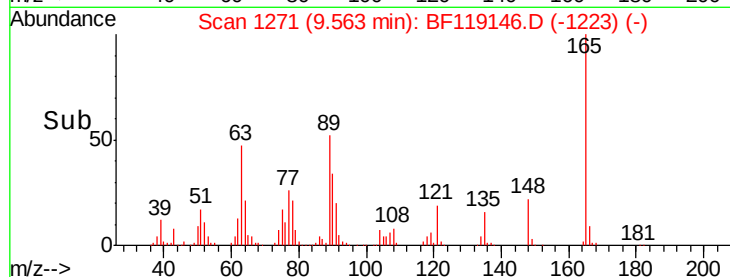
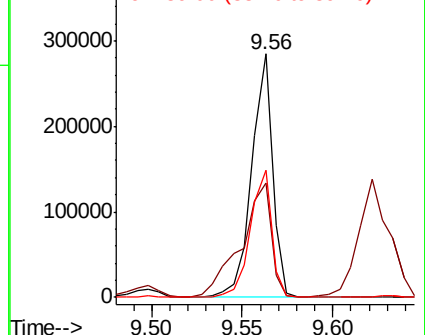
89 52.4 38.3 57.5



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: 44.767 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

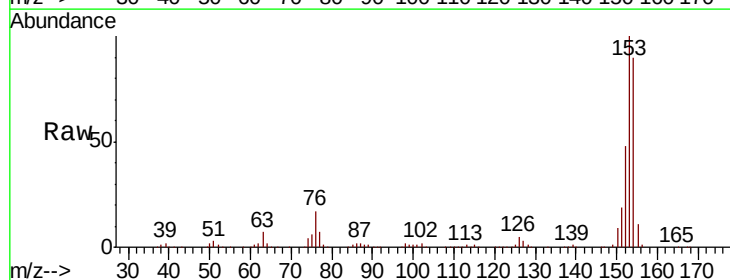
Tgt Ion:154 Resp: 750336

Ion Ratio Lower Upper

154 100

153 111.4 90.3 135.5

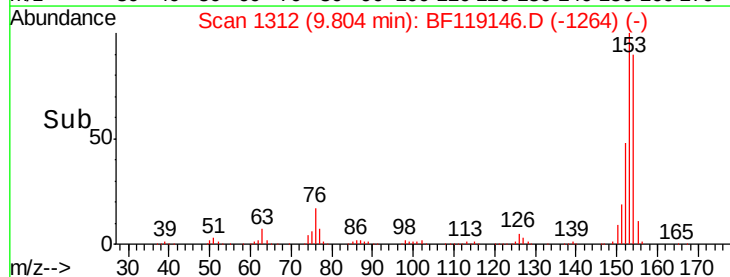
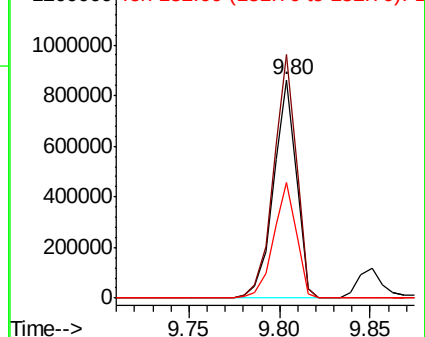
152 53.2 43.8 65.8

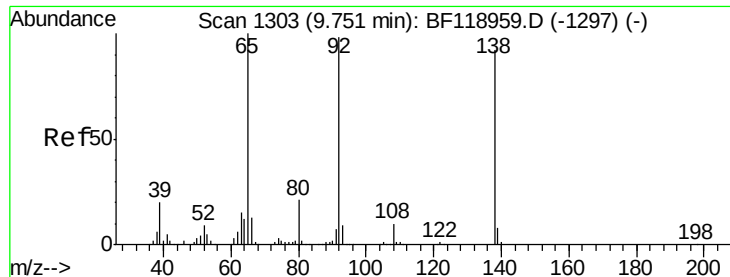


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

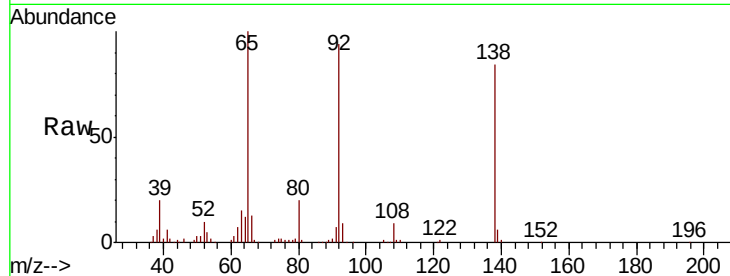




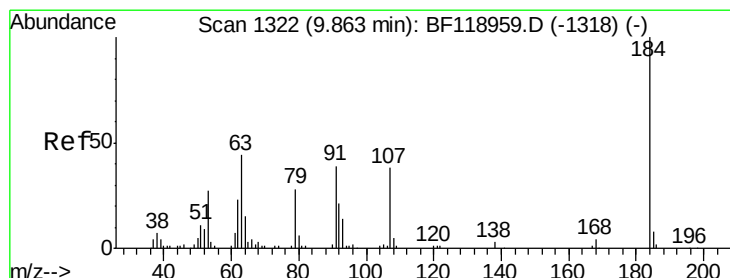
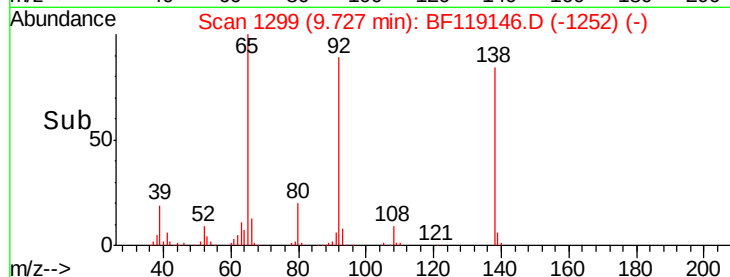
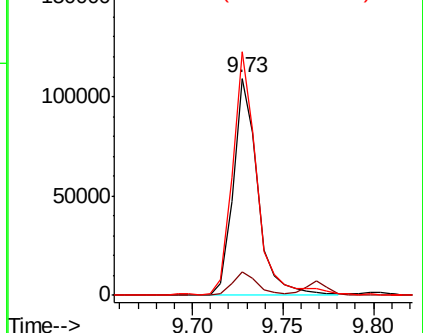
#53
3-Nitroaniline
Concen: 18.501 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 102972
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 112.1 84.8 127.2

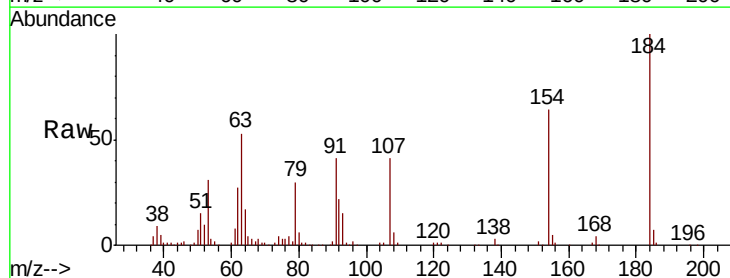


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

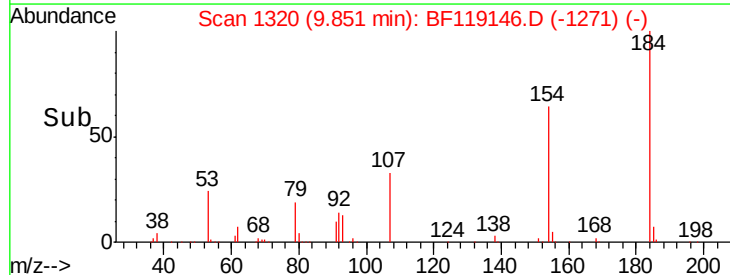
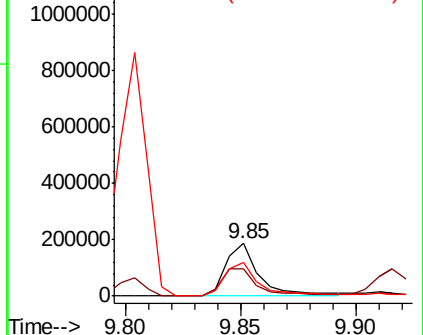


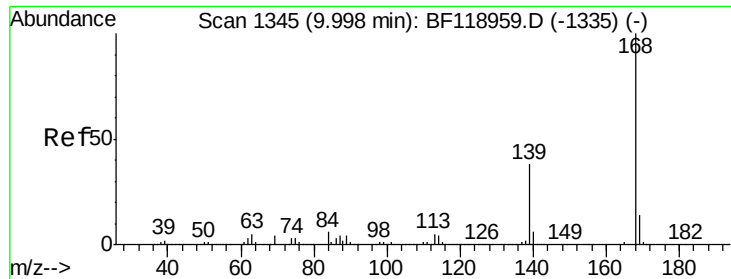
#54
2,4-Dinitrophenol
Concen: 77.687 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion:184 Resp: 188974
Ion Ratio Lower Upper
184 100
63 52.6 38.7 58.1
154 64.3 49.7 74.5



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

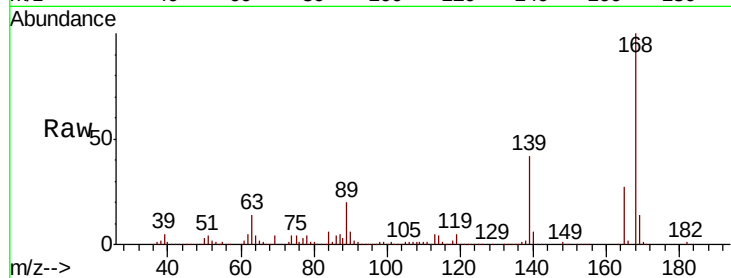




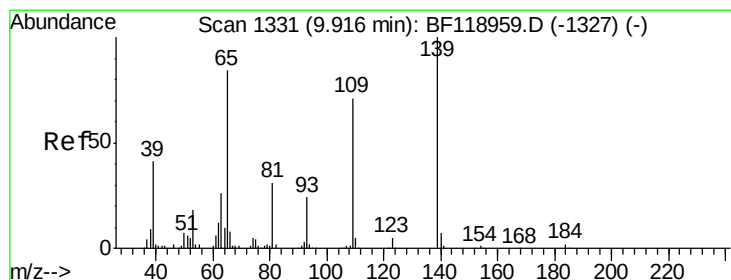
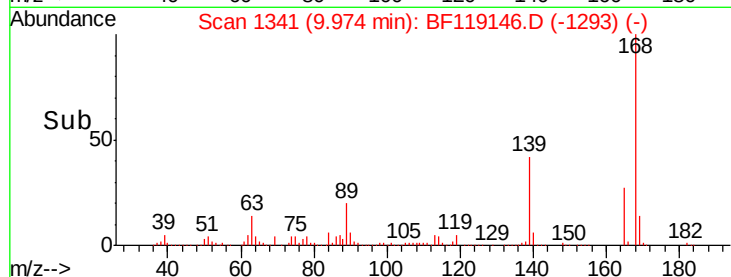
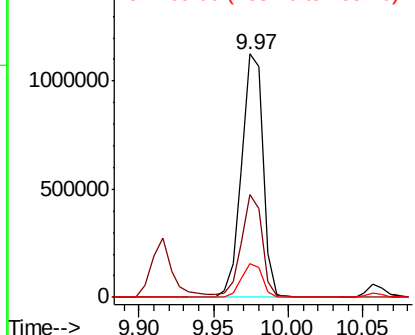
#55
Dibenzofuran
Concen: 44.926 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1123936
Ion Ratio Lower Upper
168 100
139 42.4 34.0 51.0
169 13.6 11.0 16.4

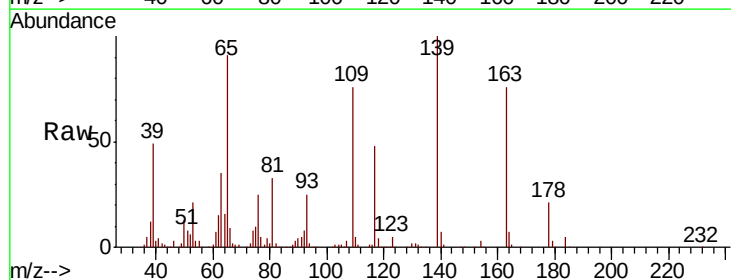


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

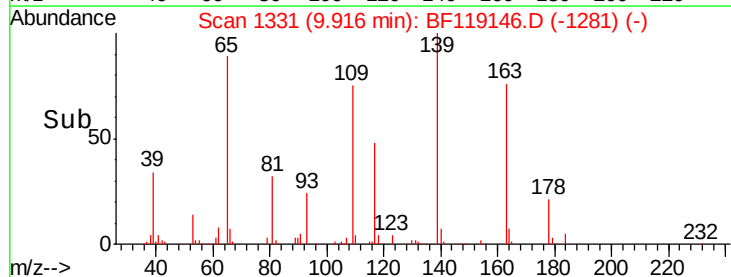
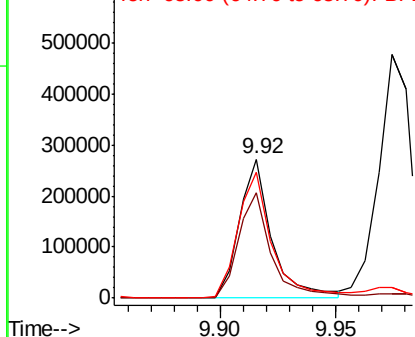


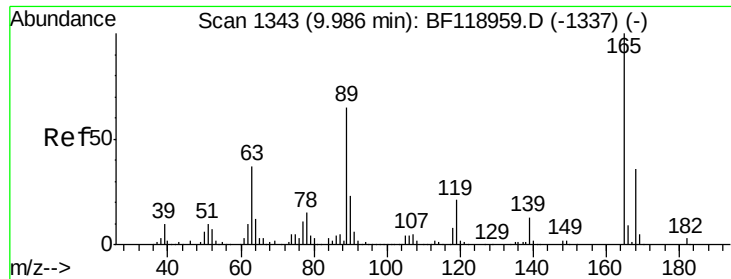
#56
4-Nitrophenol
Concen: 80.691 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion:139 Resp: 269825
Ion Ratio Lower Upper
139 100
109 75.7 56.7 96.7
65 90.9 65.0 105.0



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

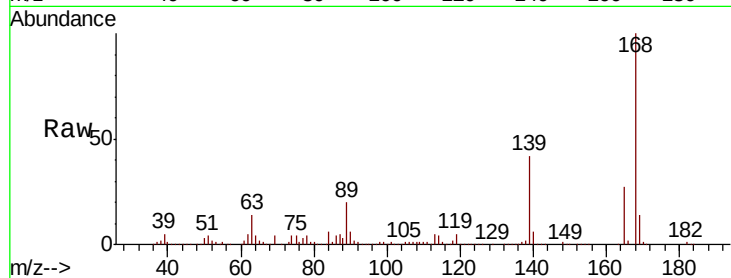




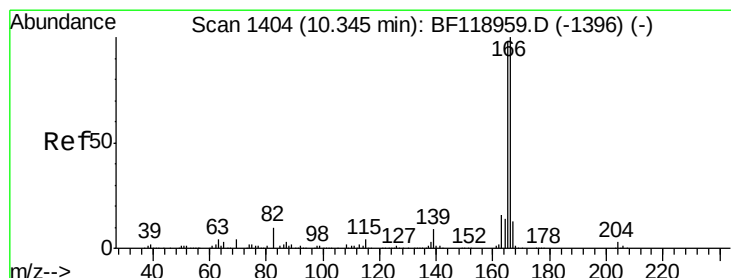
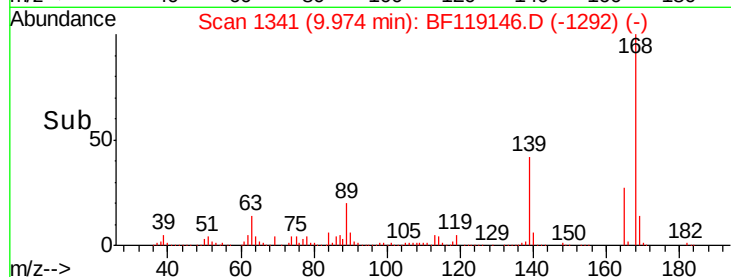
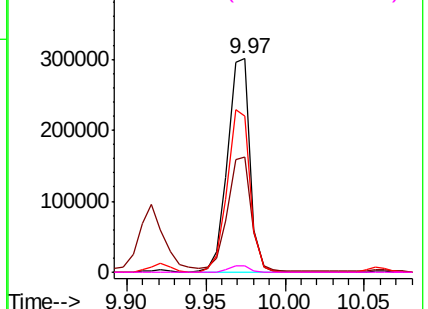
#57
 2,4-Dinitrotoluene
 Concen: 45.451 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	295758
Ion Ratio	Lower	Upper
165	100	
63	53.7	42.3 63.5
89	73.3	60.2 90.4
182	3.1	2.3 3.5

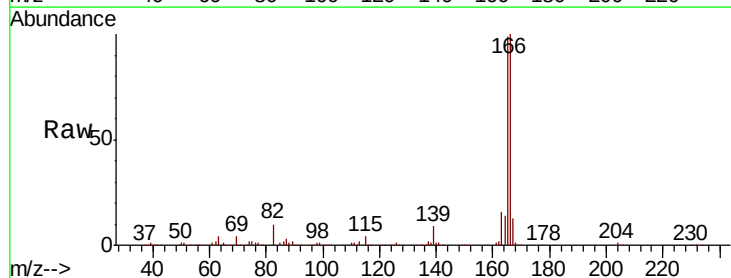


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

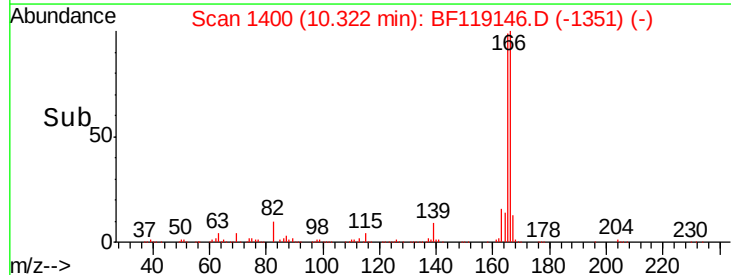
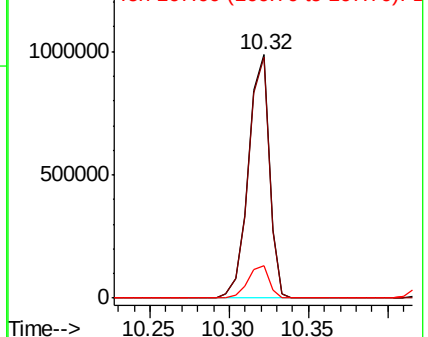


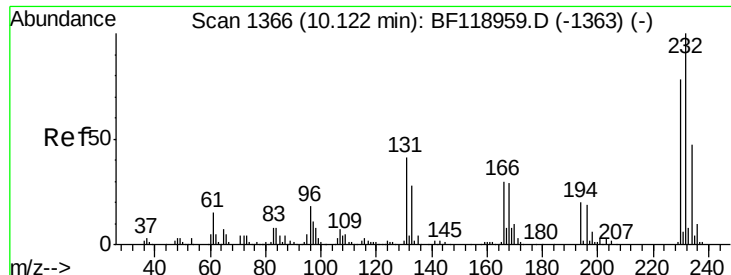
#58
 Fluorene
 Concen: 46.578 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Tgt Ion:166	Resp:	905478
Ion Ratio	Lower	Upper
166	100	
165	99.1	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

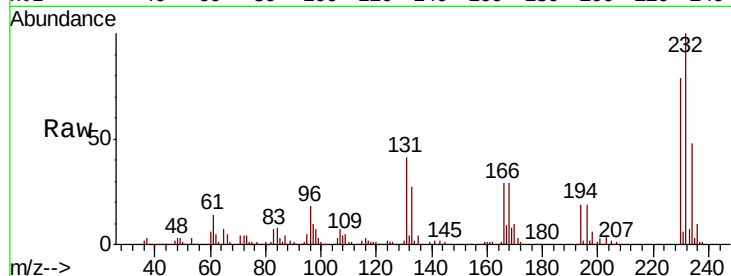




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.412 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	33.8	50.8
130	2.4	1.8	2.6
166	29.6	23.0	34.4



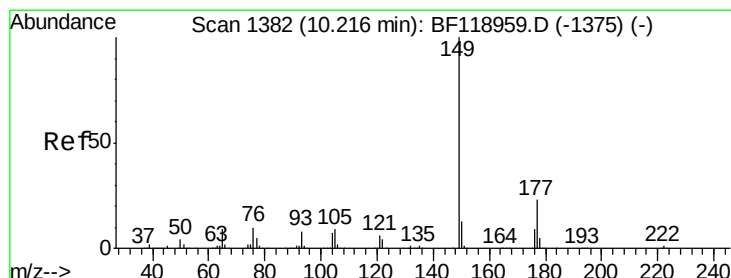
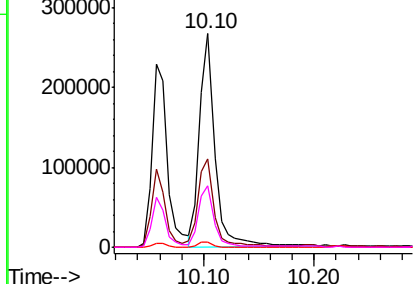
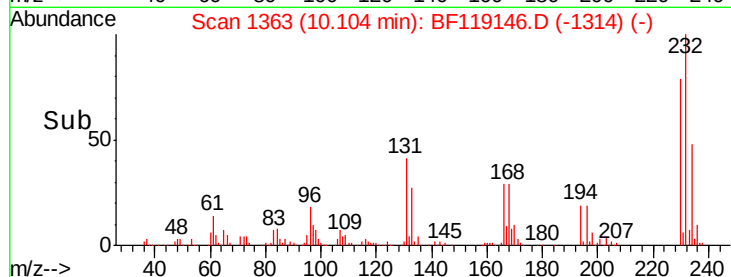
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

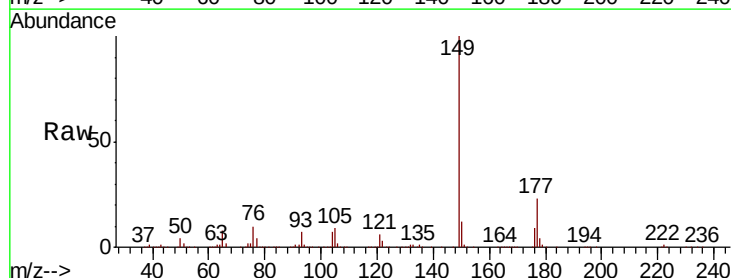
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.120 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.2
150	12.5	10.5	15.7

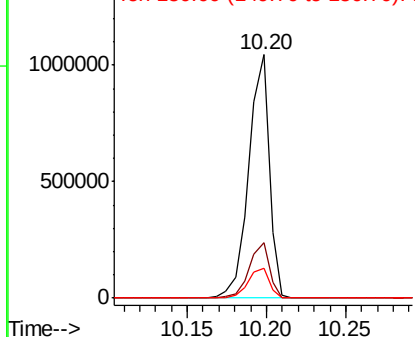
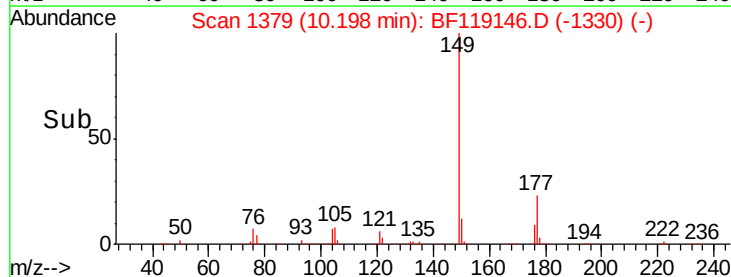


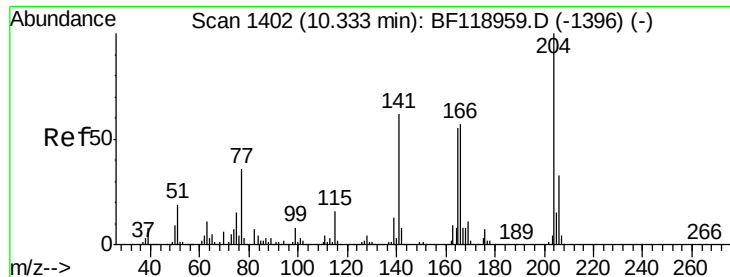
Abundance

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

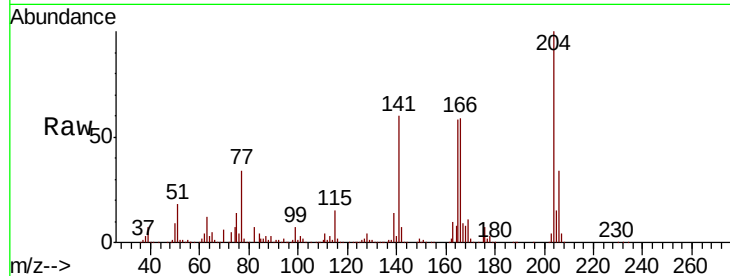




#61
4-Chlorophenyl-phenylether
Concen: 44.450 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.1	40.7
141	60.4	52.9	79.3

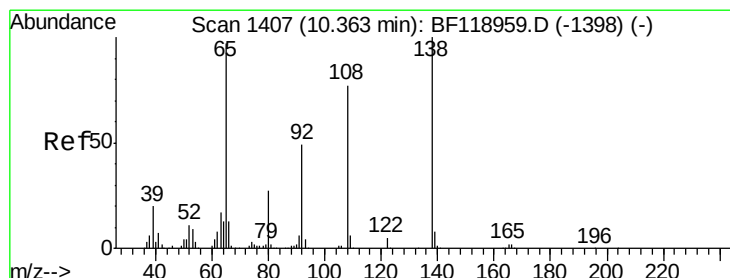
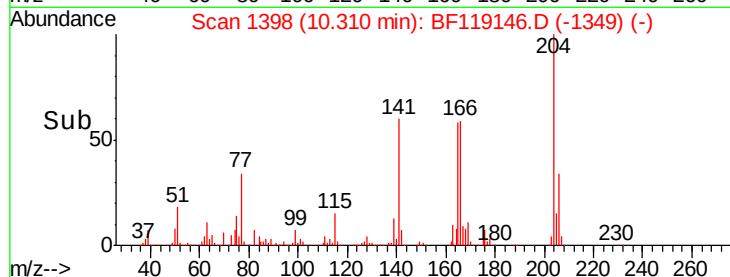
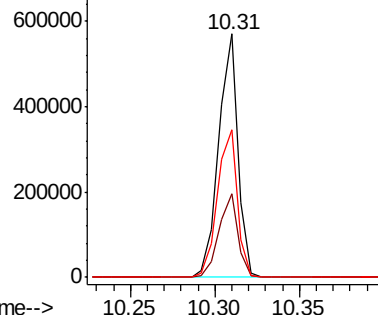


Abundance

Ion 204.00 (203.70 to 204.70): E

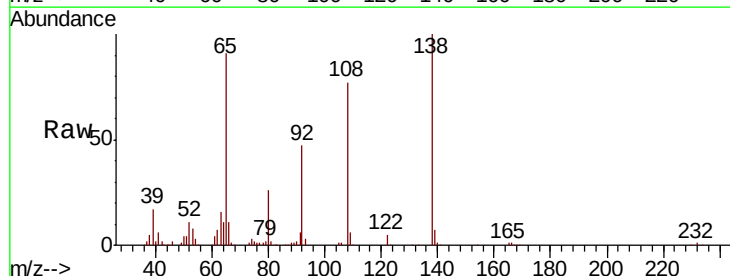
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.710 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	27.3	67.3
108	77.4	57.0	97.0

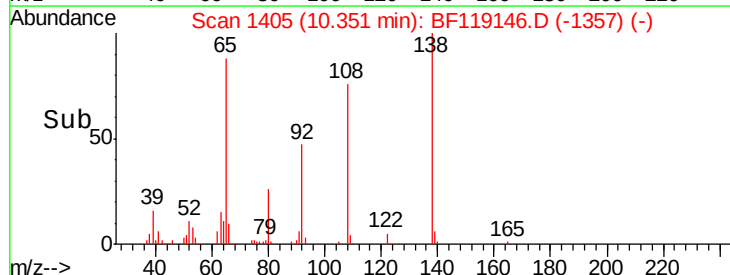
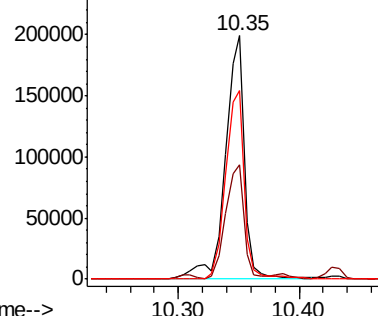


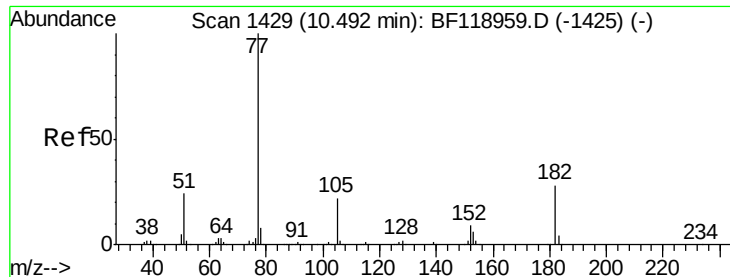
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 46.032 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 852034

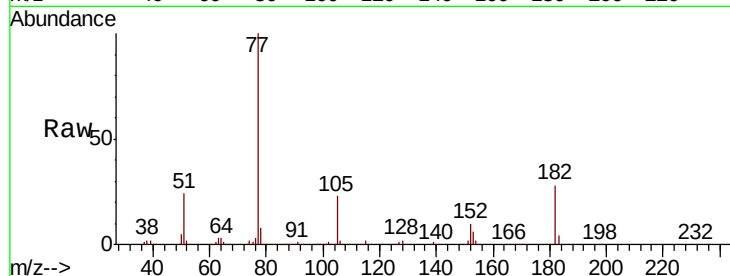
Ion Ratio Lower Upper

77 100

182 28.2 11.4 51.4

105 22.7 3.4 43.4

51 24.2 5.1 45.1

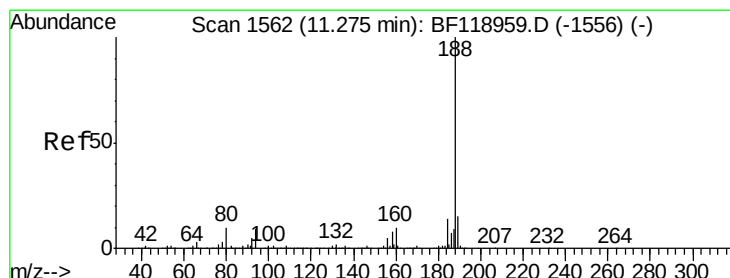
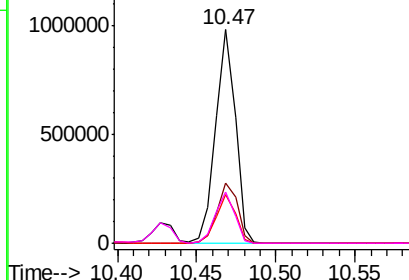
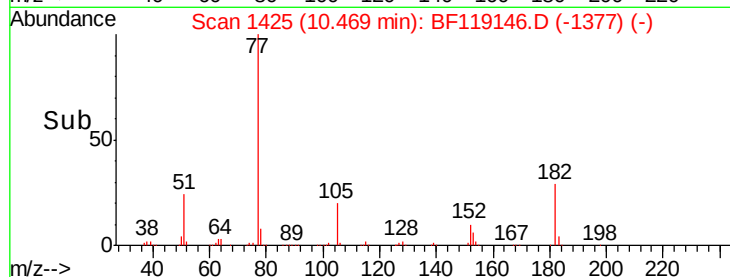


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

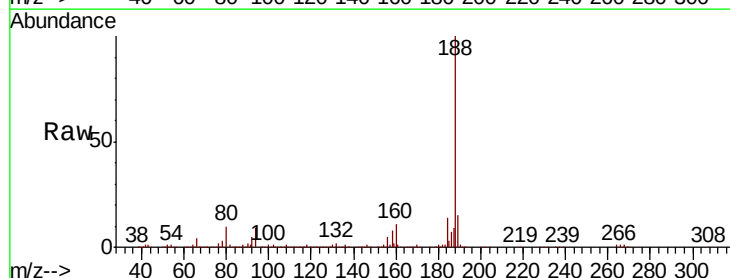
Tgt Ion: 188 Resp: 544869

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

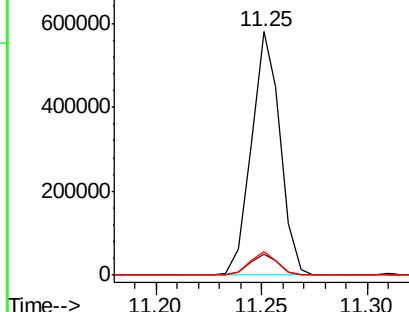
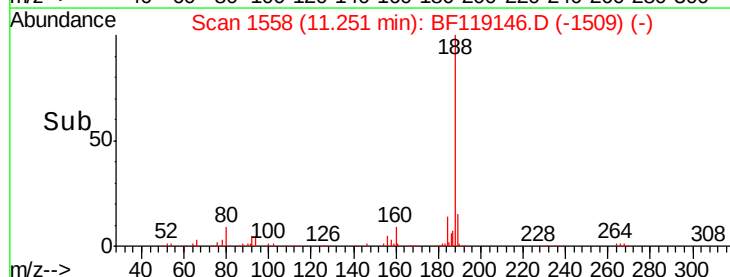
80 9.6 7.8 11.8

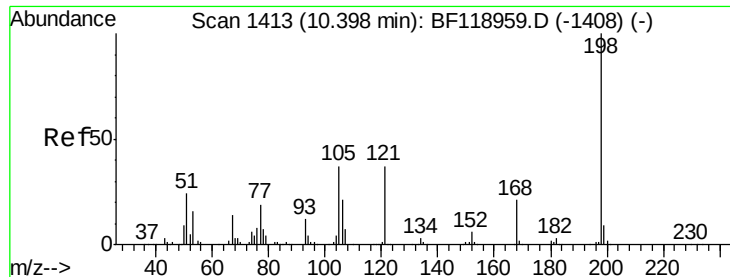


Abundance Ion 188.00 (187.70 to 188.70): E

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: 45.808 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

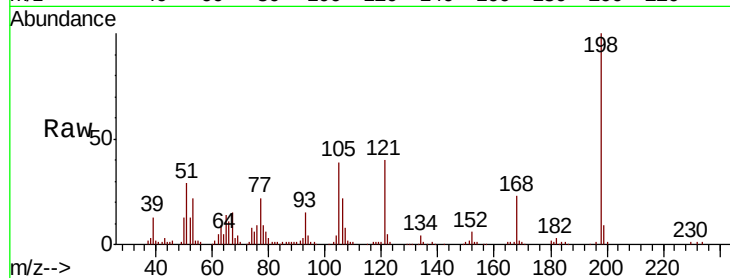
Tot Ion:198 Resp: 151031

Ion Ratio Lower Upper

198 100

51 29.5 14.2 54.2

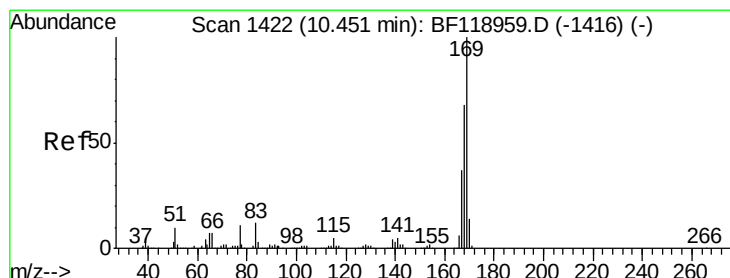
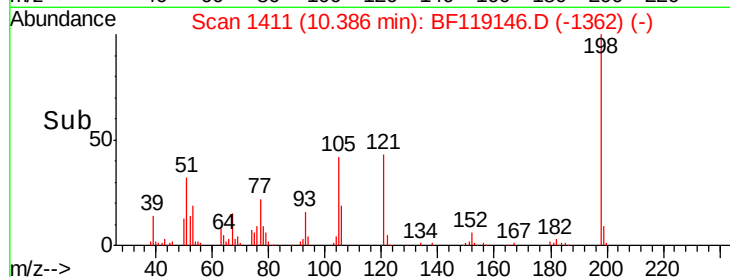
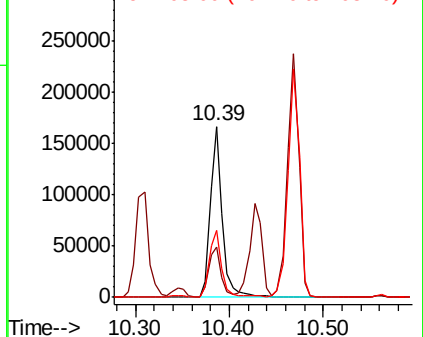
105 39.2 22.7 62.7



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: 45.636 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

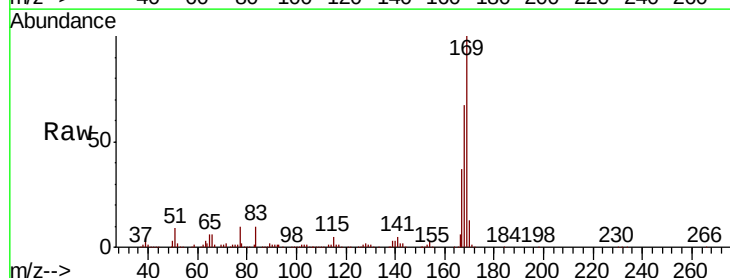
Tgt Ion:169 Resp: 814193

Ion Ratio Lower Upper

169 100

168 67.3 54.1 81.1

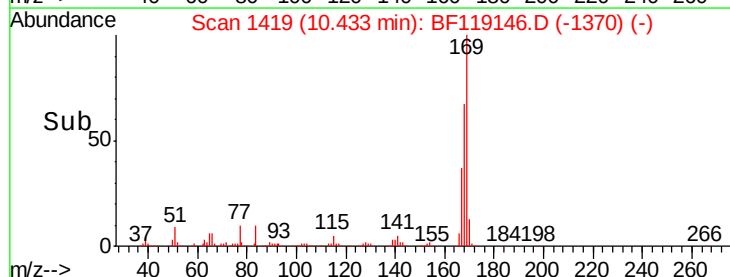
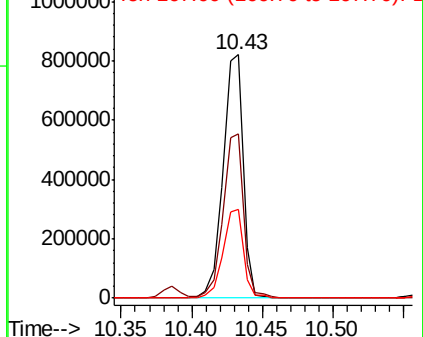
167 36.5 29.4 44.0

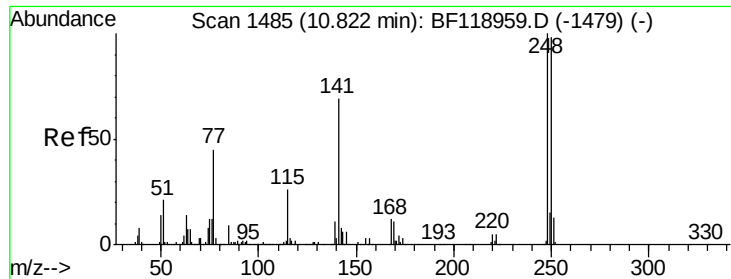


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

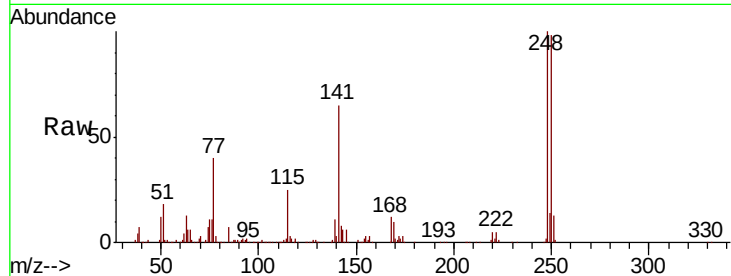




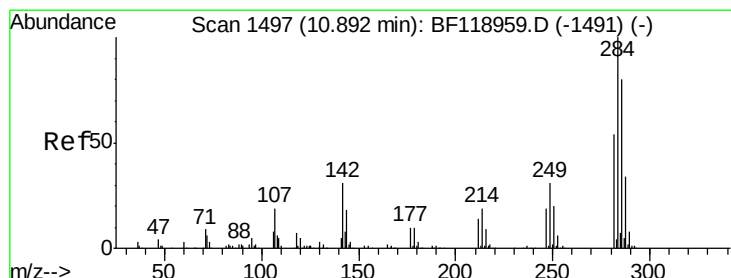
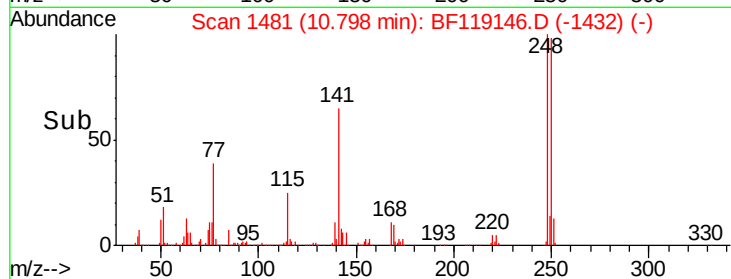
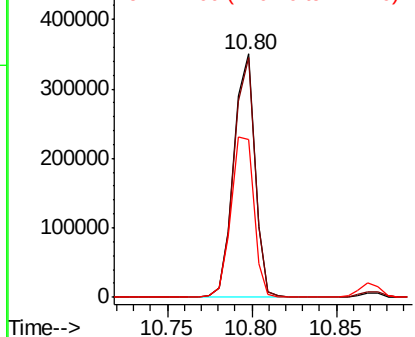
#67
4-Bromophenyl-phenylether
Concen: 42.817 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 304951
Ion Ratio Lower Upper
248 100
250 98.2 76.7 115.1
141 65.0 60.7 91.1

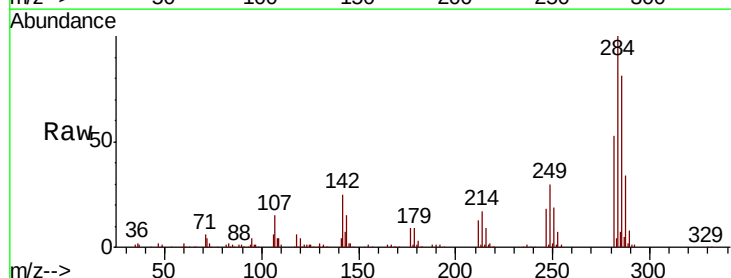


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

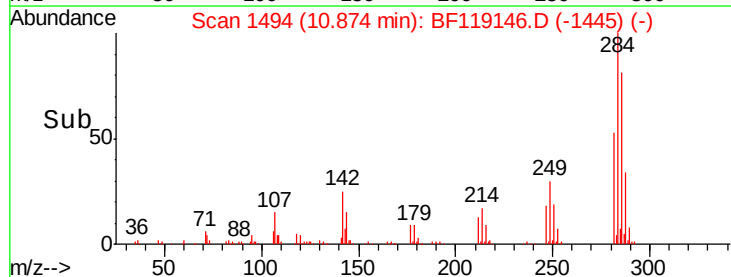
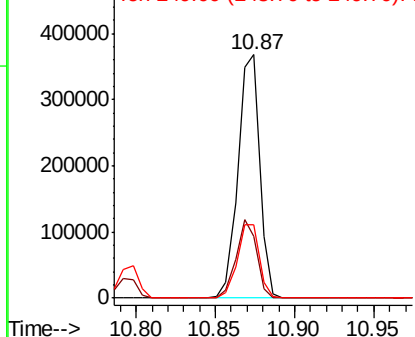


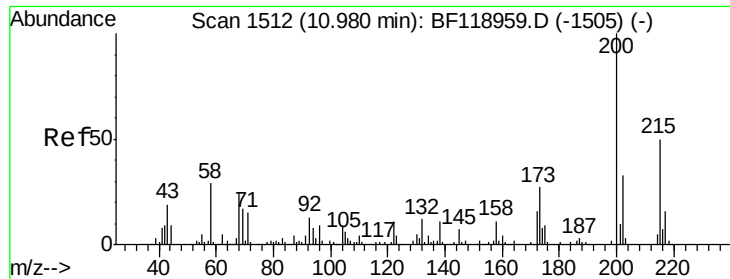
#68
Hexachlorobenzene
Concen: 42.641 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion:284 Resp: 350146
Ion Ratio Lower Upper
284 100
142 25.2 23.7 35.5
249 30.0 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

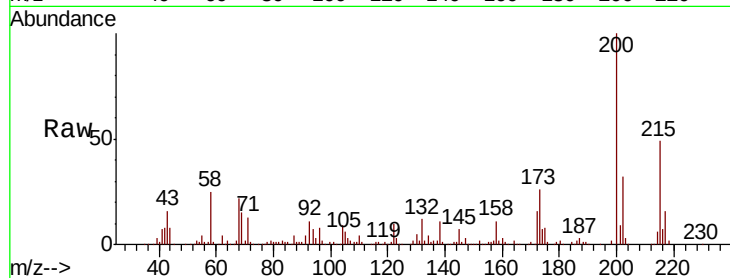




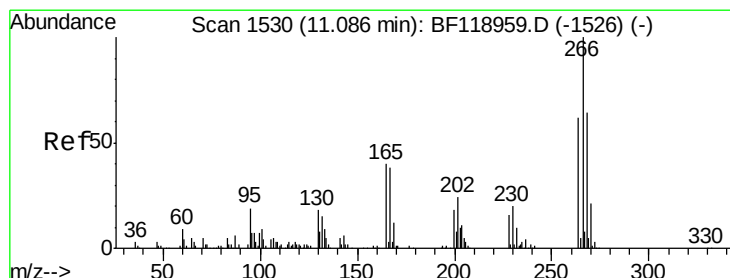
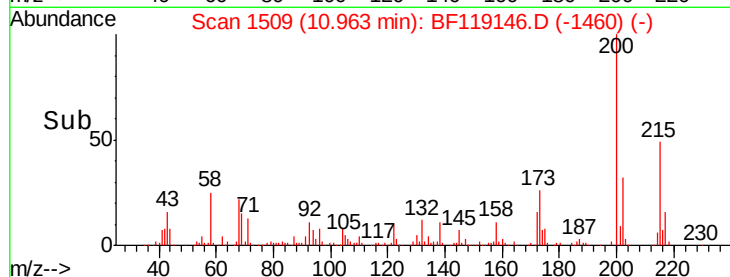
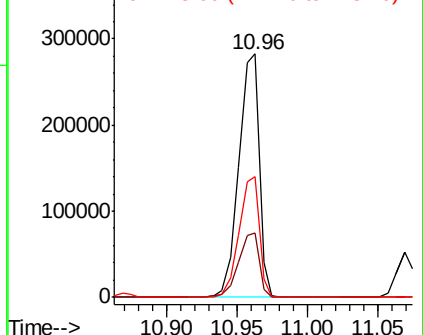
#69
Atrazine
Concen: 45.719 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.4	46.4
215	49.4	27.4	67.4

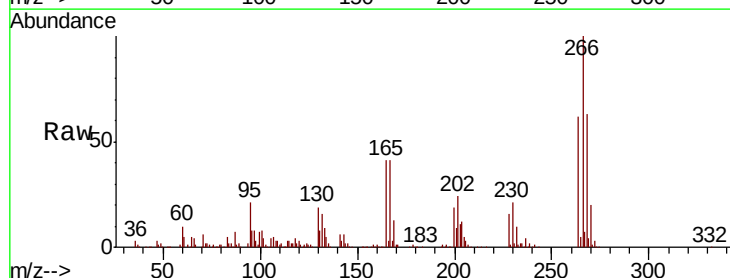


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

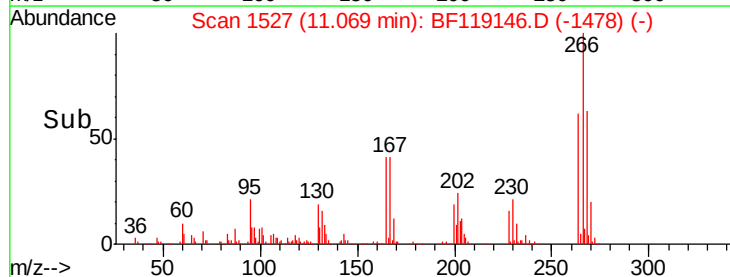
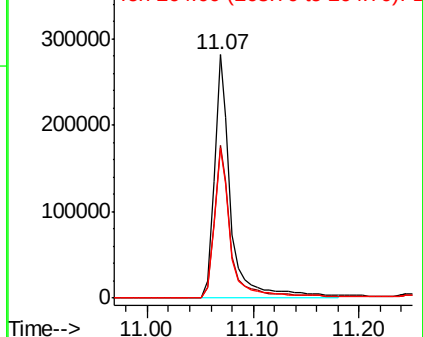


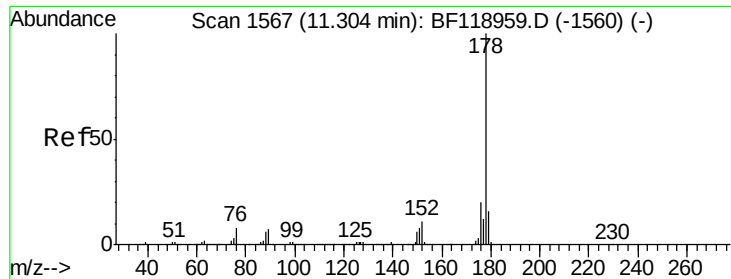
#70
Pentachlorophenol
Concen: 93.921 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.9	77.9
264	61.9	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

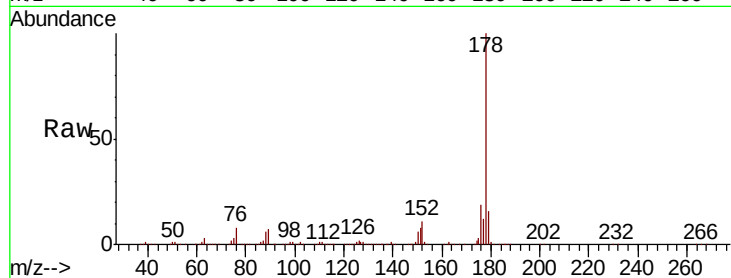




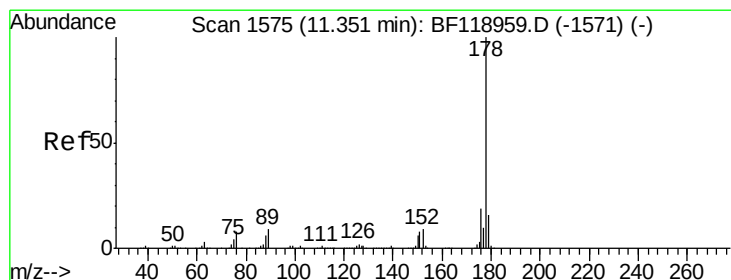
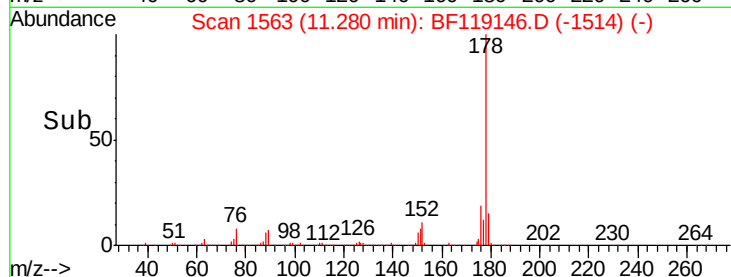
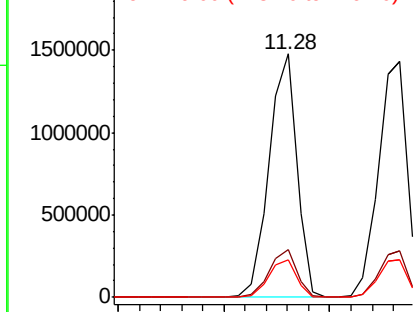
#71
Phenanthrene
Concen: 45.836 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1361983
Ion Ratio Lower Upper
178 100
176 19.4 16.5 24.7
179 15.6 13.0 19.6

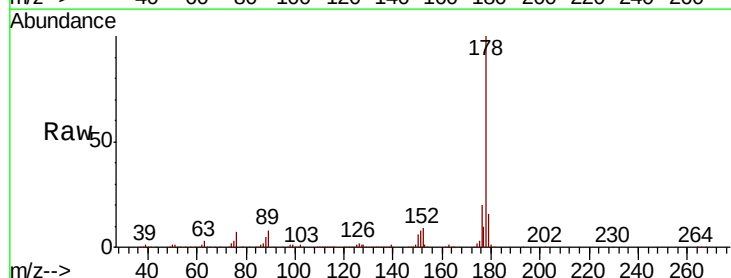


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

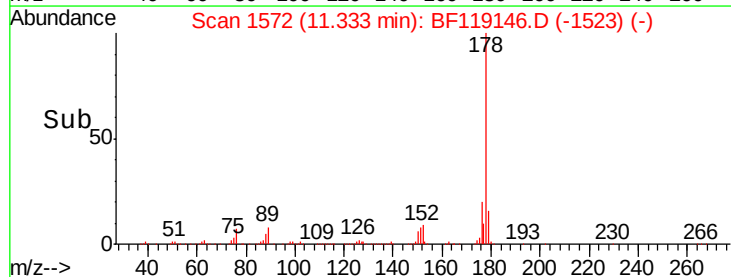
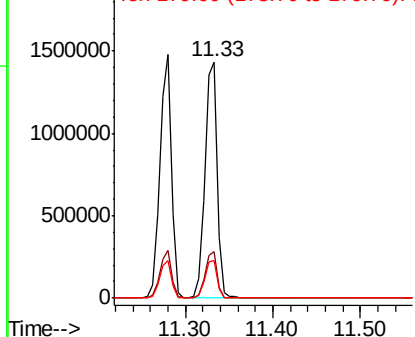


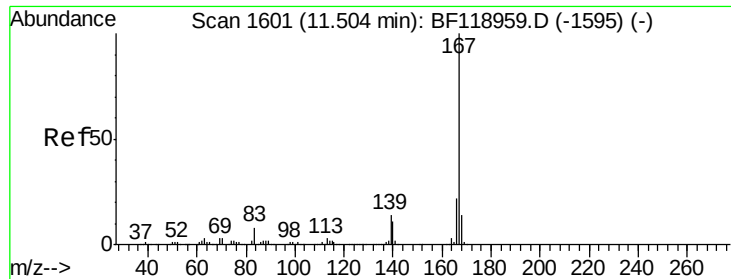
#72
Anthracene
Concen: 47.061 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion:178 Resp: 1397231
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.7 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



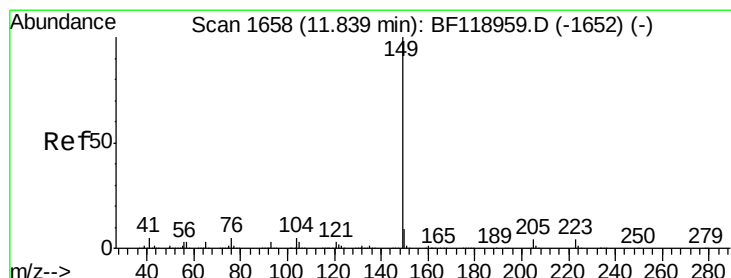
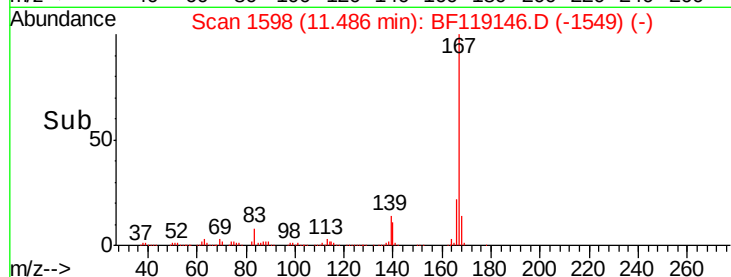
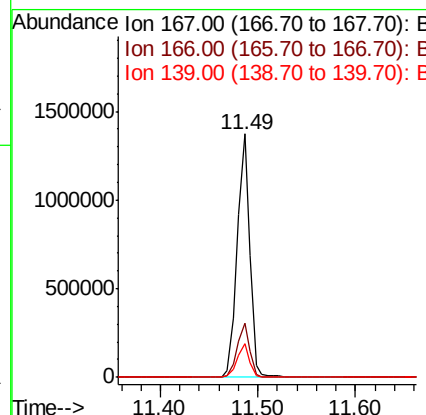
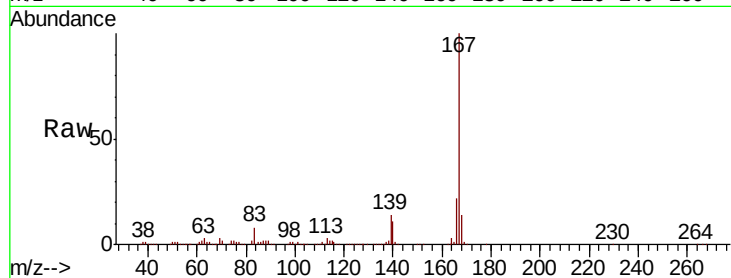


#73
 Carbazole
 Concen: 46.627 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1233278

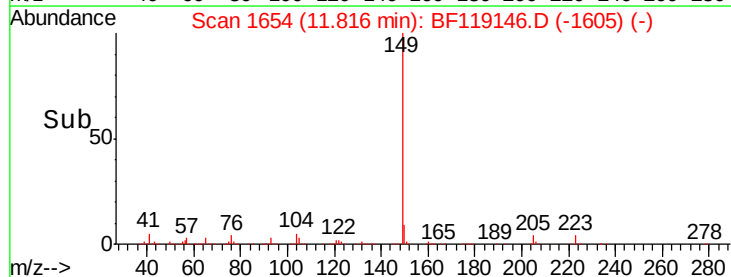
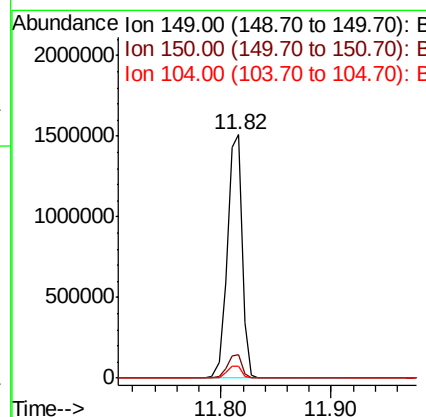
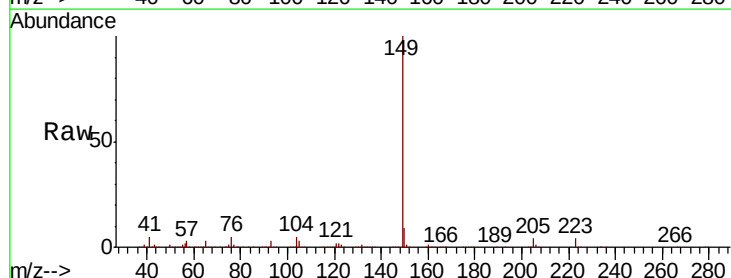
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.9	11.7	17.5

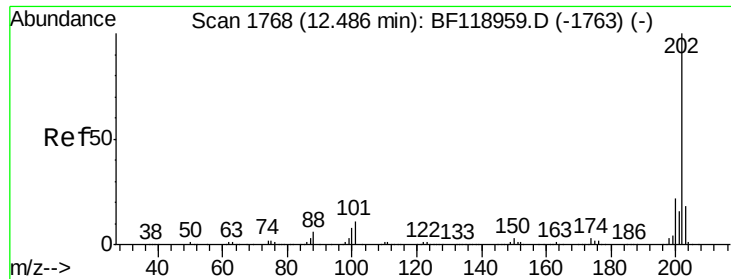


#74
 Di-n-butylphthalate
 Concen: 44.187 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Tgt Ion:149 Resp: 1415368

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	4.8	4.6	6.8





#75

Fluoranthene

Concen: 43.503 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

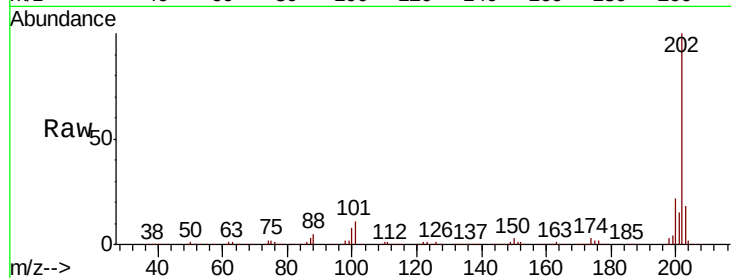
Tot Ion:202 Resp: 1372118

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.3

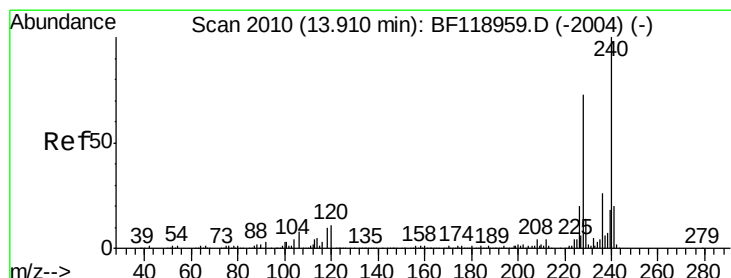
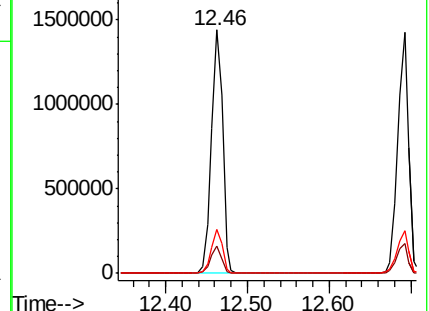
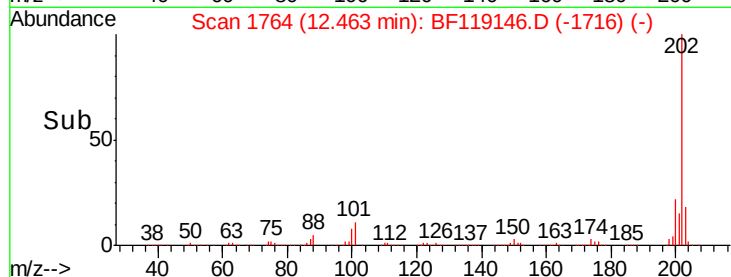
203 18.0 0.0 38.4



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. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

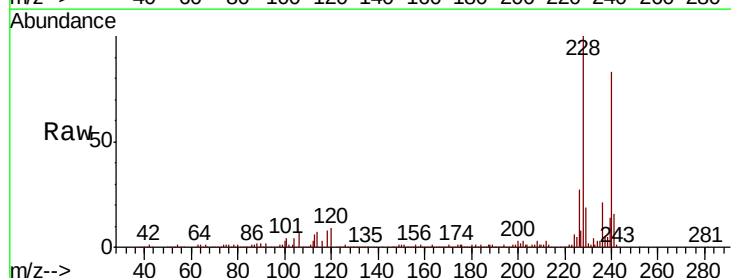
Tgt Ion:240 Resp: 331633

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

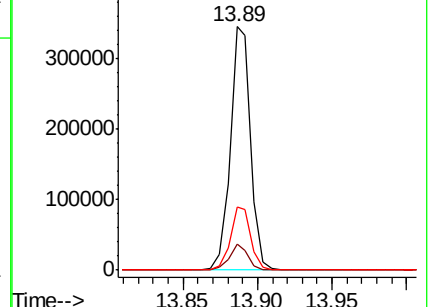
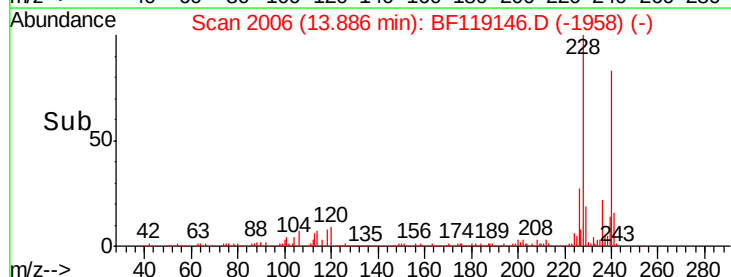
236 25.9 21.0 31.4

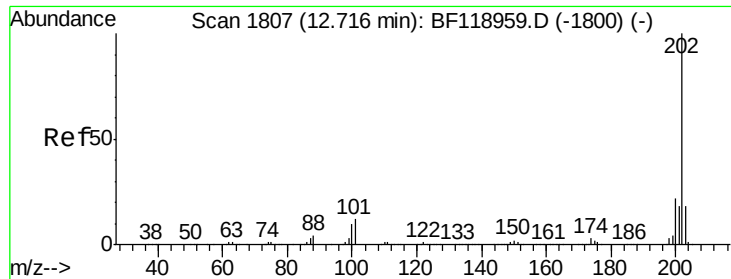


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

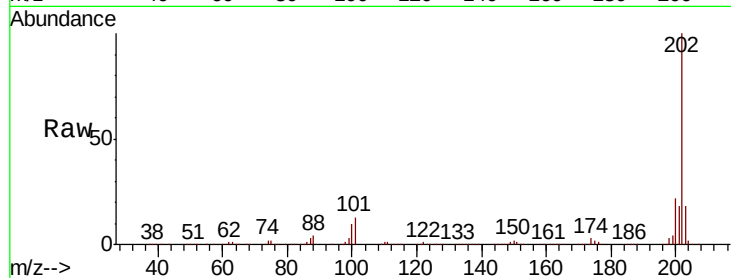




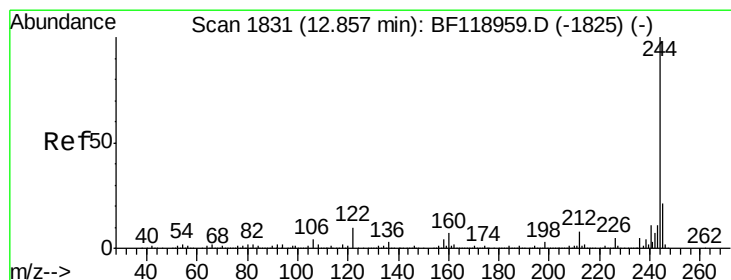
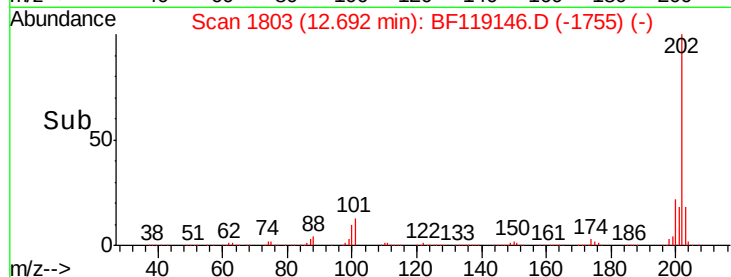
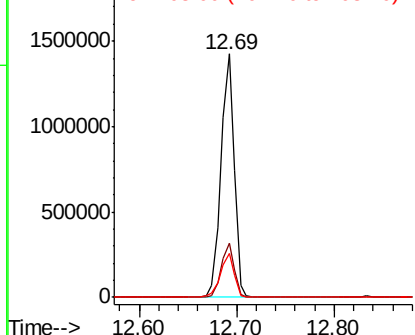
#78
Pvrene
Concen: 50.438 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1343148
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 17.8 14.6 22.0

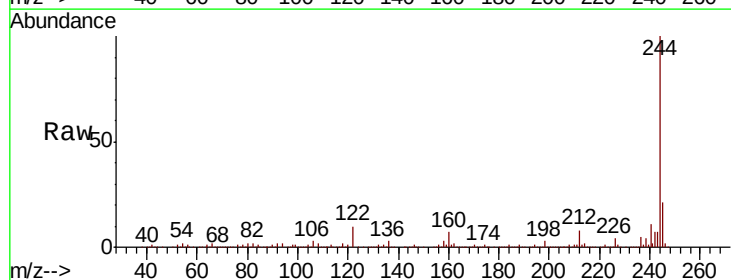


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

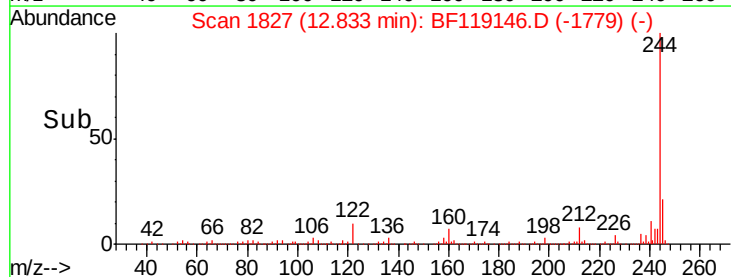
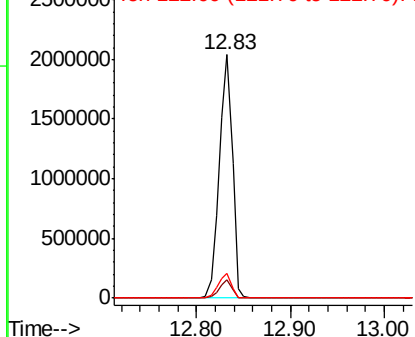


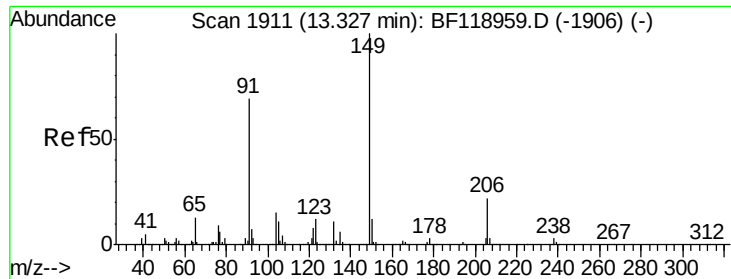
#79
Terphenyl-d14
Concen: 103.871 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion:244 Resp: 2000782
Ion Ratio Lower Upper
244 100
212 7.7 6.6 10.0
122 10.0 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

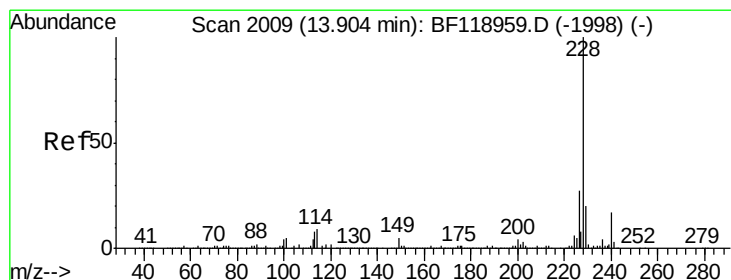
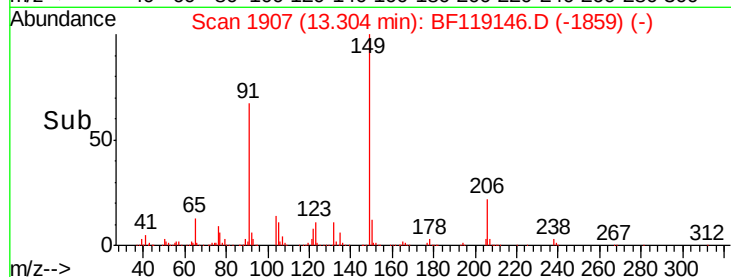
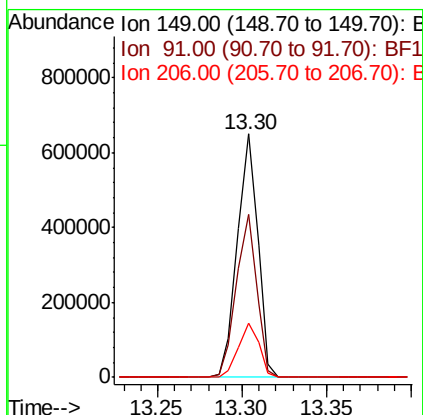
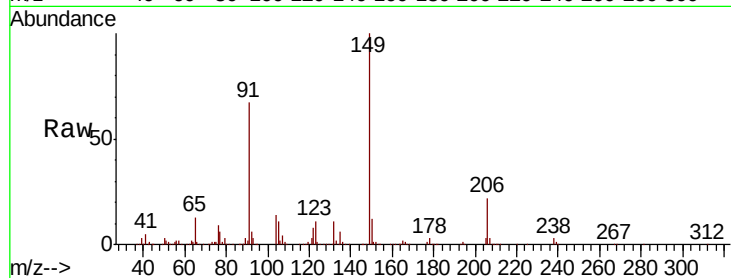




#80
Butylbenzylphthalate
Concen: 49.009 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

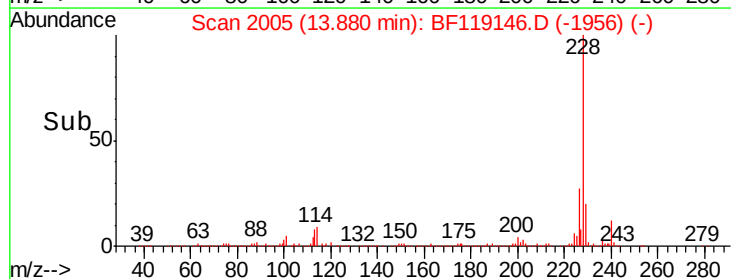
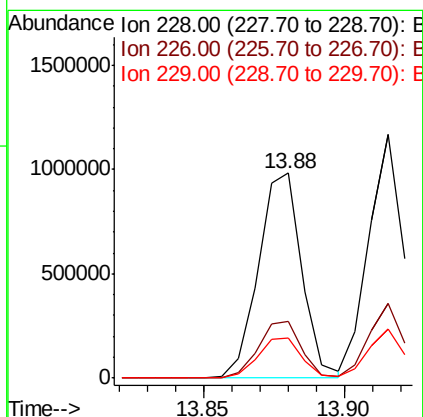
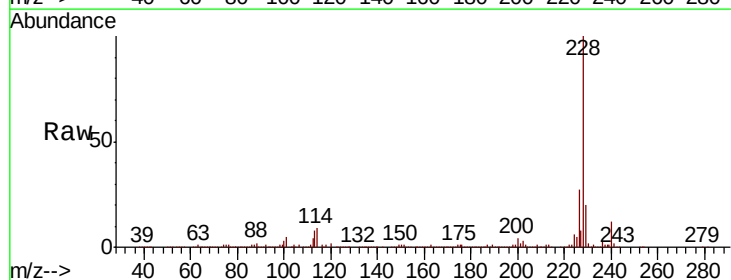
Instrument :
BNA_F
ClientSampleId :

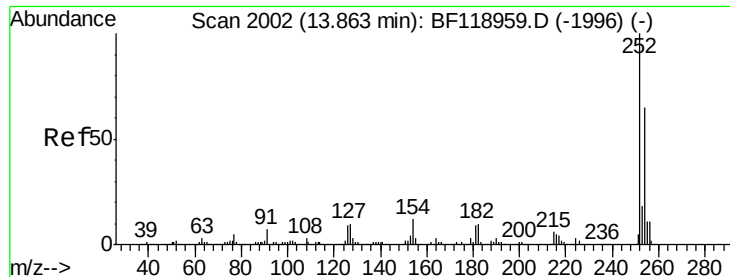
Tot Ion:149 Resp: 549281
Ion Ratio Lower Upper
149 100
91 66.8 52.3 78.5
206 22.0 18.5 27.7



#81
Benzo(a)anthracene
Concen: 46.199 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion:228 Resp: 1043931
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.8 16.6 24.8

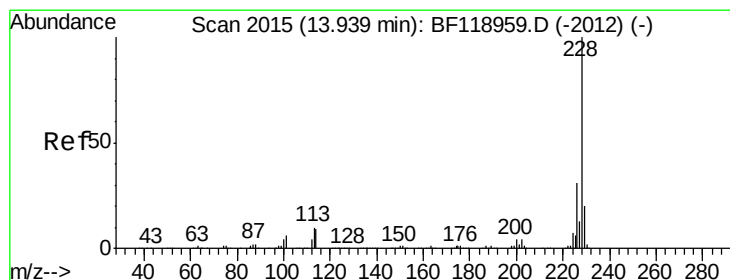
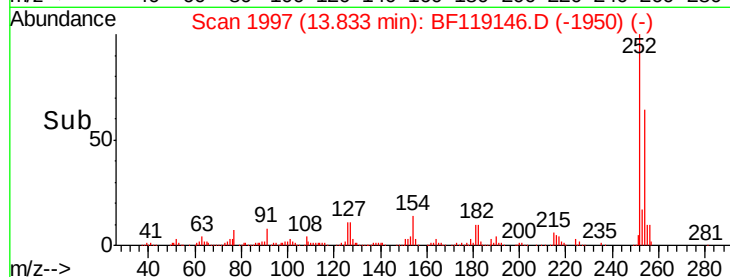
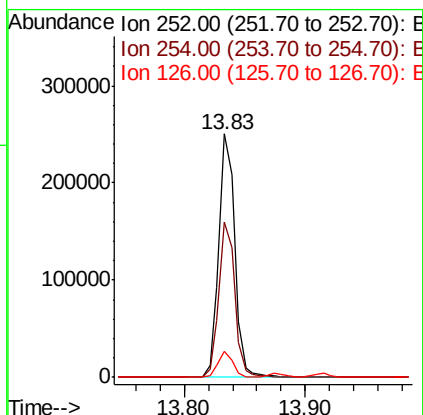
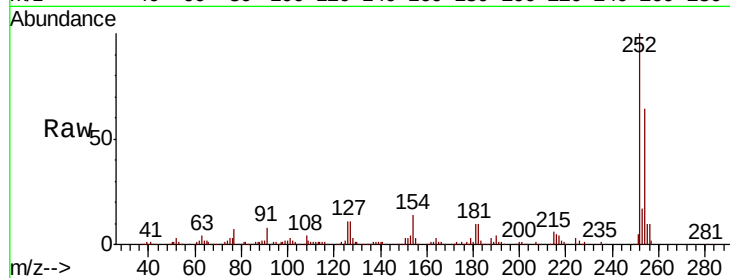




#82
 3,3'-Dichlorobenzidine
 Concen: 25.988 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.02 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

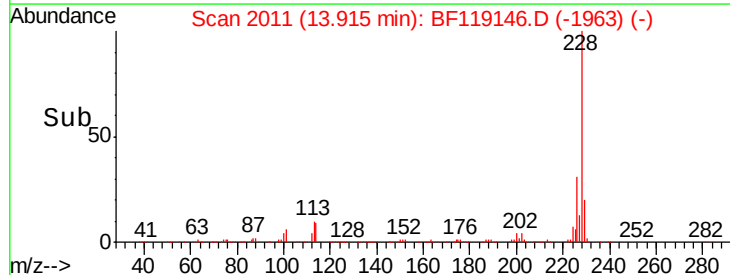
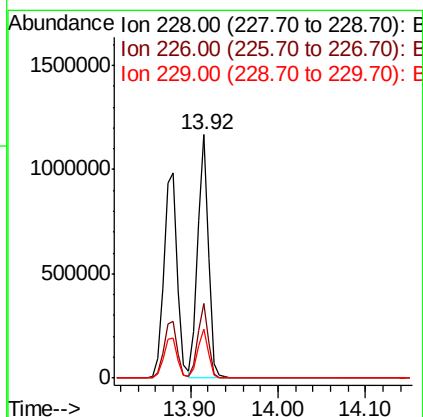
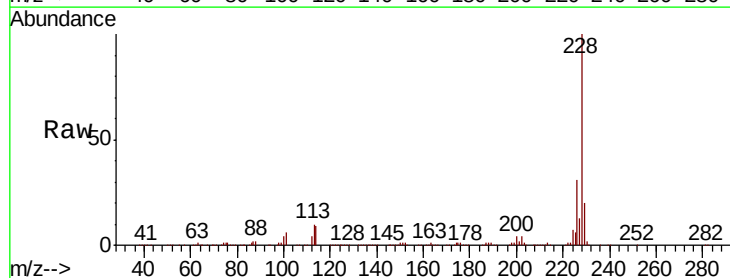
Instrument :
 BNA_F
 ClientSampleId :

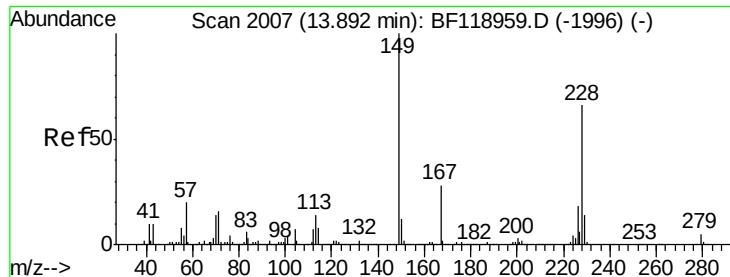
Tot Ion:252 Resp: 228024
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.6 77.4
 126 10.8 7.4 11.0



#83
 Chrysene
 Concen: 44.407 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Tgt Ion:228 Resp: 999833
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.1 37.7
 229 19.9 16.3 24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.395 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

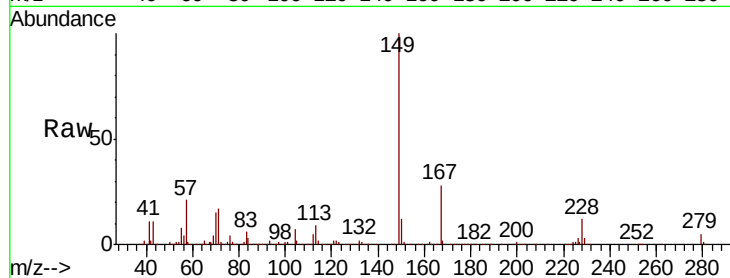
Tot Ion:149 Resp: 713556

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

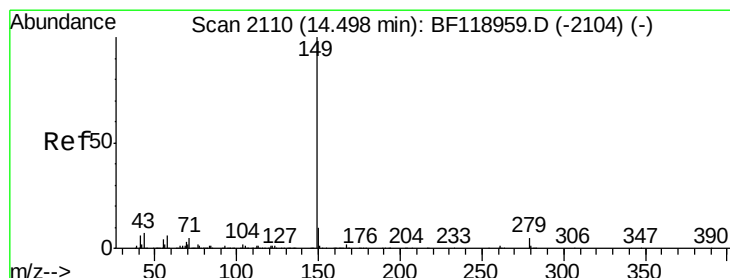
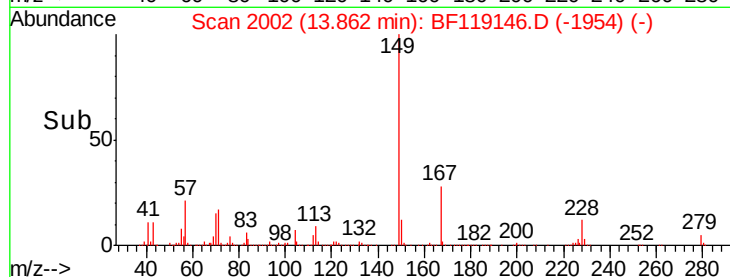
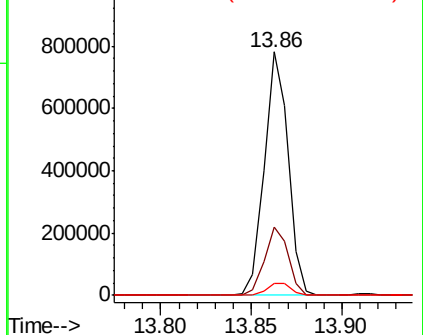
279 4.7 4.6 6.8



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: 48.002 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

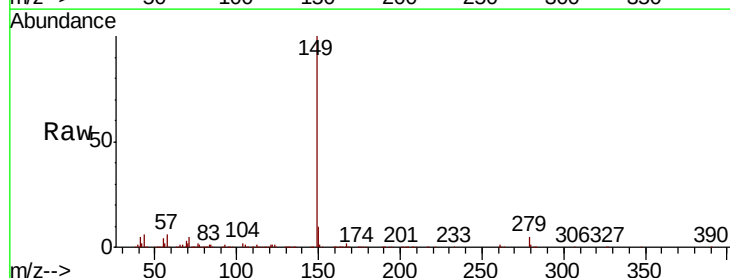
Tgt Ion:149 Resp: 1082932

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

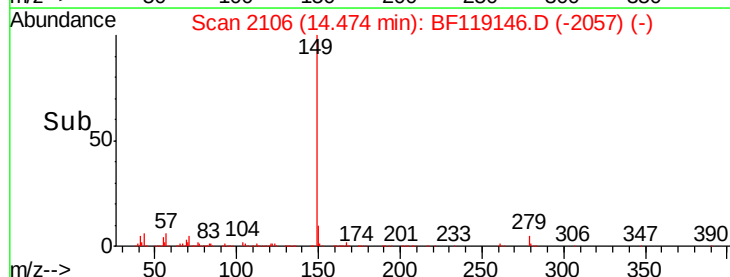
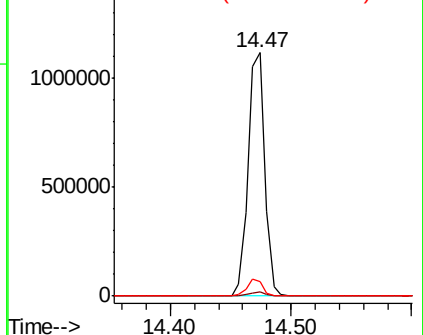
43 6.6 5.7 8.5

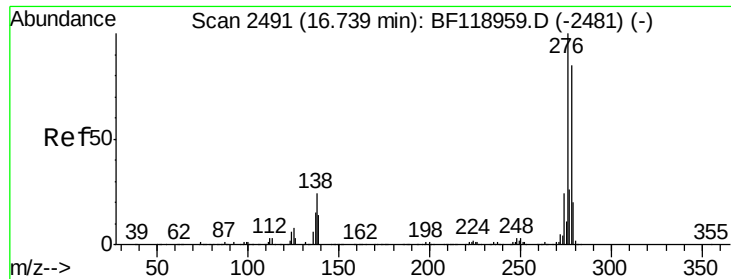


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



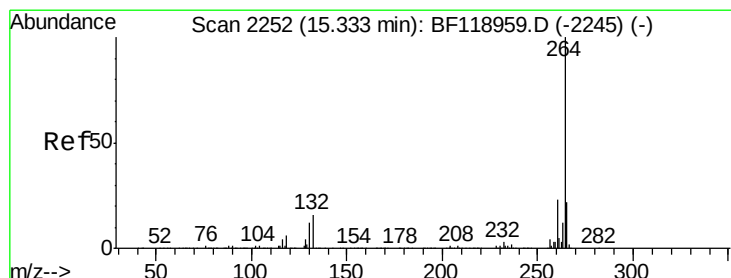
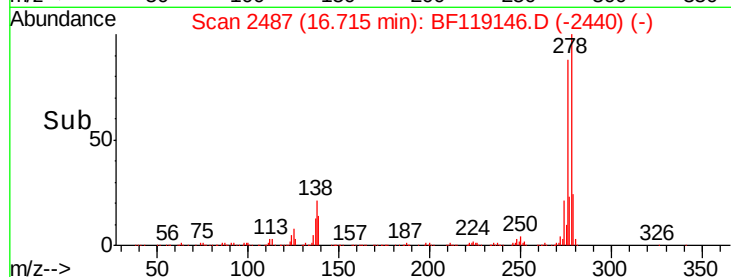
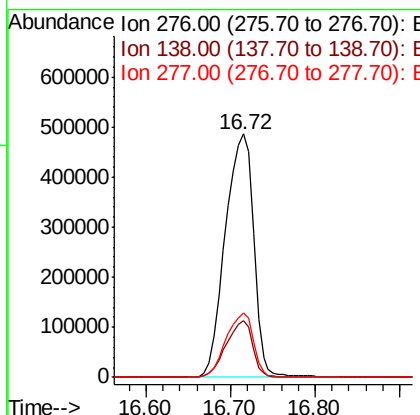
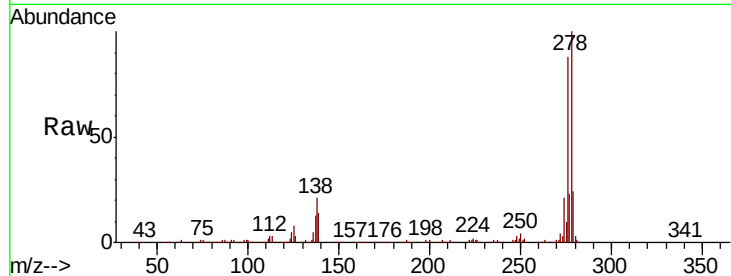


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 51.810 ng
 RT: 16.72 min Scan# 2487
 Delta R.T. -0.02 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1129505

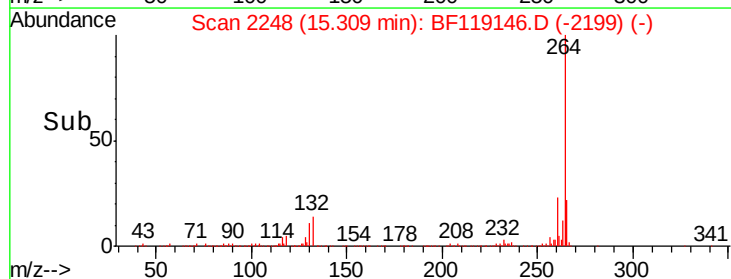
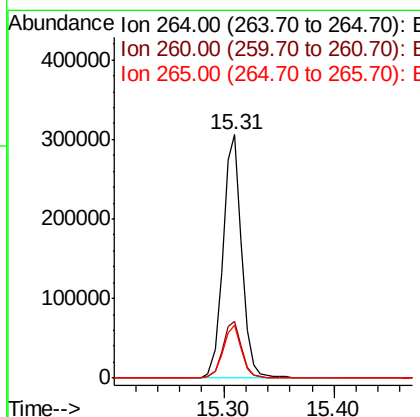
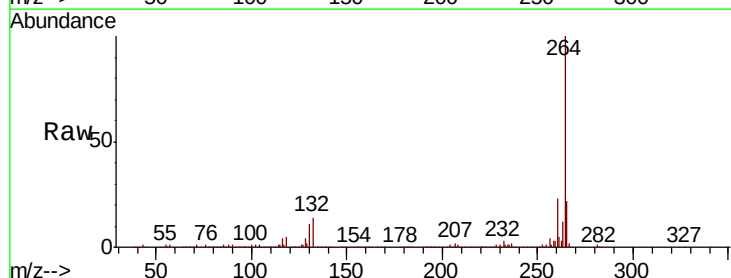
Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.4	26.0
277	25.5	20.3	30.5

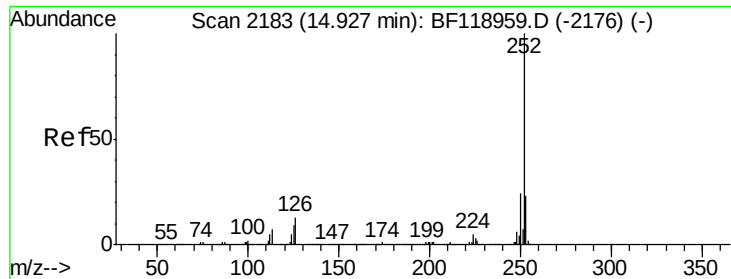


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BF119146.D
 Acq: 28 Feb 2020 22:49

Tgt Ion:264 Resp: 361776

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.6	17.7	26.5

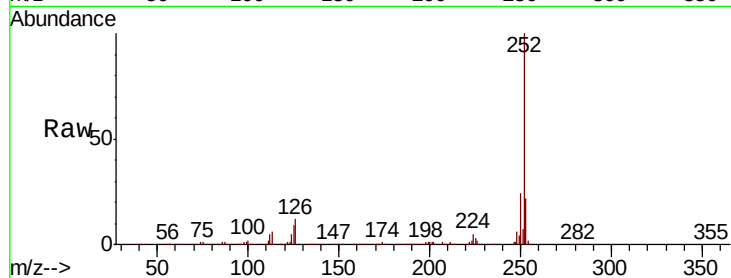




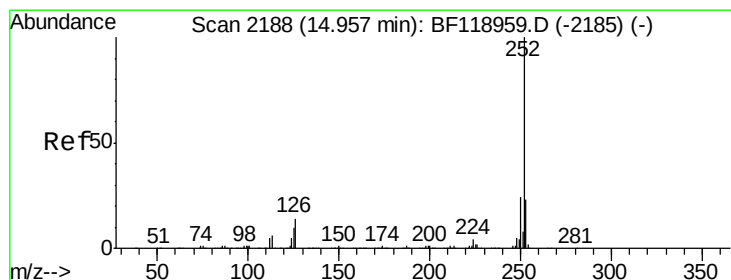
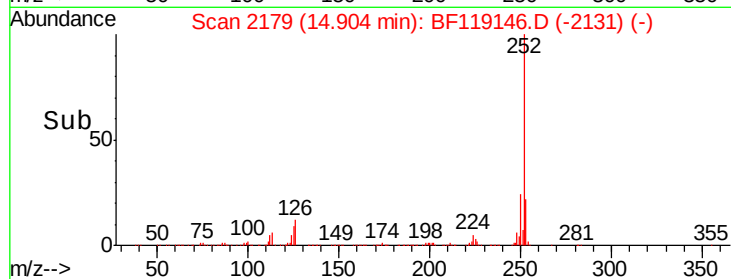
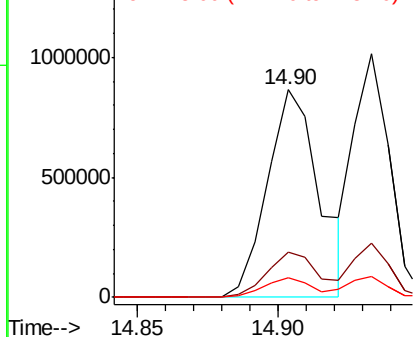
#88
Benzo(b)fluoranthene
Concen: 46.415 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1106831
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.2 7.4 11.0

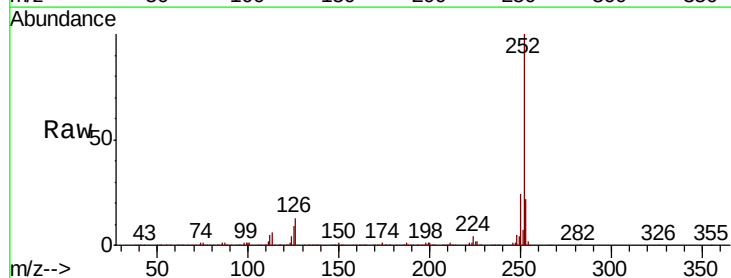


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

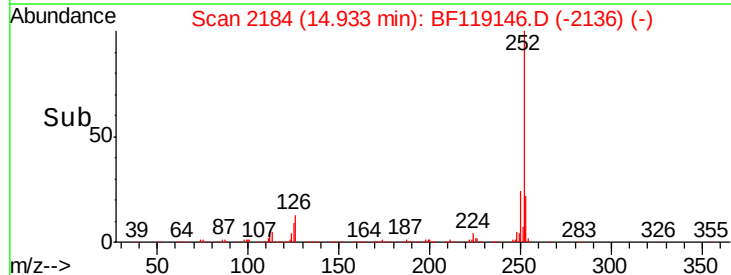
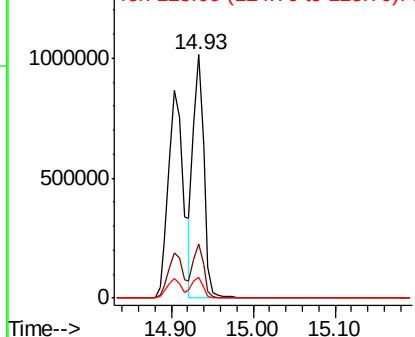


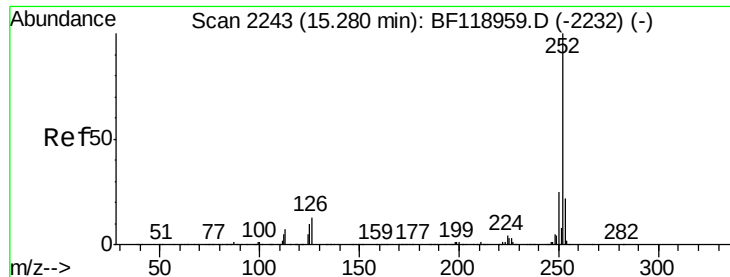
#89
Benzo(k)fluoranthene
Concen: 41.246 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119146.D
Acq: 28 Feb 2020 22:49

Tgt Ion:252 Resp: 911487
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 8.7 7.5 11.3



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





#90

Benzo(a)pyrene

Concen: 43.770 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampled :

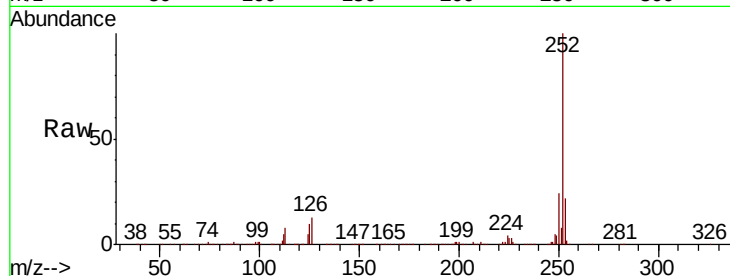
Tot Ion:252 Resp: 942002

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

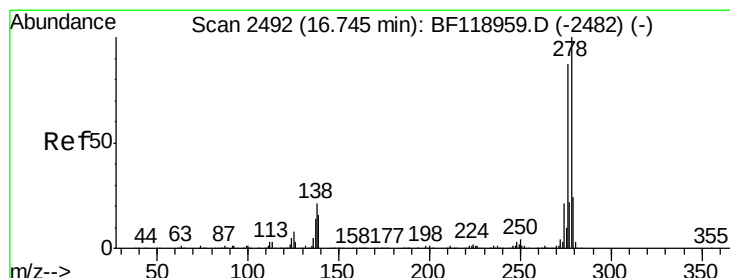
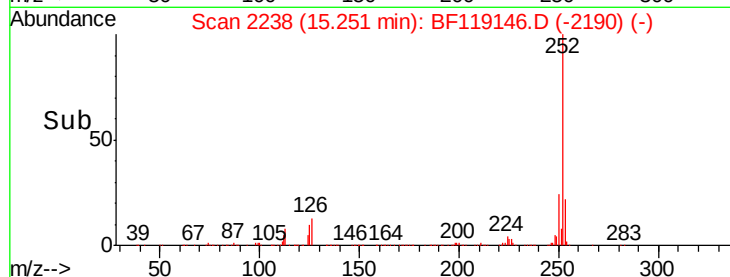
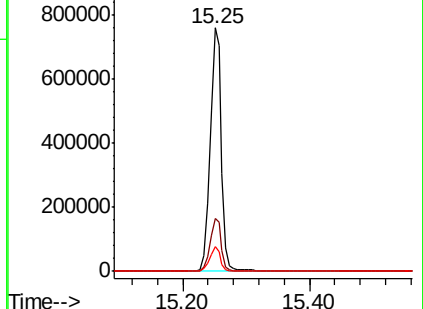
125 10.1 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 50.398 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.03 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

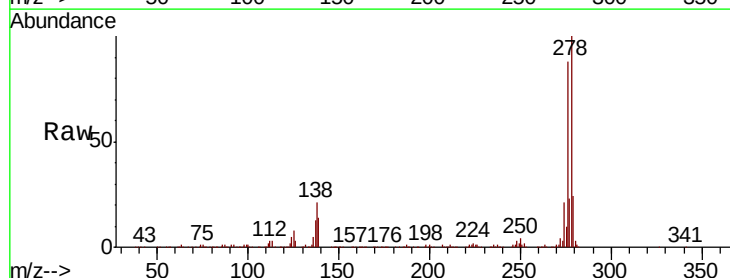
Tgt Ion:278 Resp: 954378

Ion Ratio Lower Upper

278 100

139 14.3 11.0 16.4

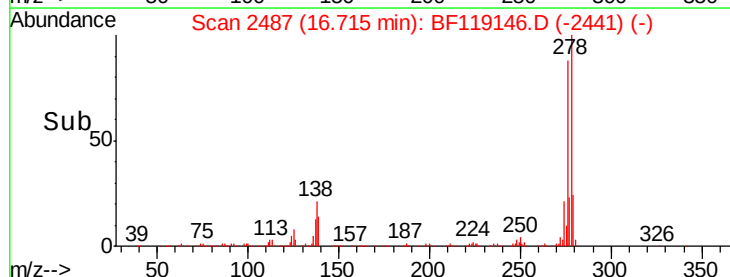
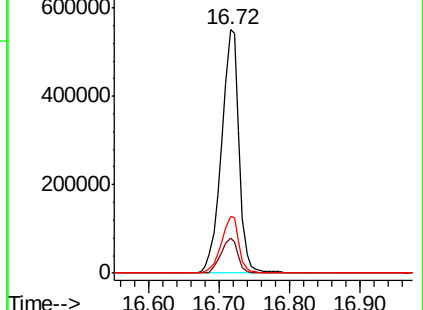
279 23.5 18.6 28.0

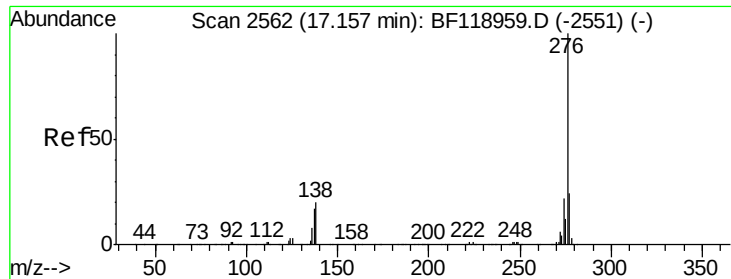


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 49.563 ng

RT: 17.13 min Scan# 2557

Delta R.T. -0.03 min

Lab File: BF119146.D

Acq: 28 Feb 2020 22:49

Instrument :

BNA_F

ClientSampleId :

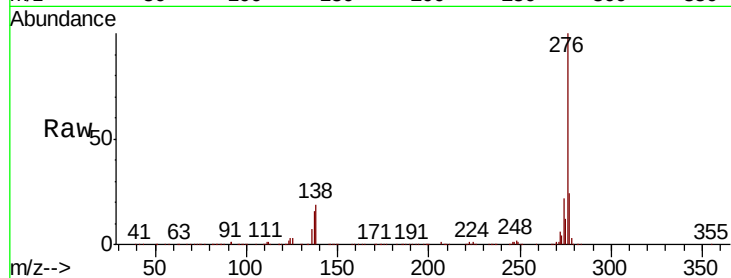
Tot Ion:276 Resp: 927351

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 18.6 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

