

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022719\
 Data File : BF112717.D
 Acq On : 27 Feb 2019 13:38
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

Quant Time: Mar 01 15:20:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:09:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	219395	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	883005	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	410001	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	797394	20.00	ng	0.00
76) Chrysene-d12	13.87	240	498823	20.00	ng	0.00
87) Perylene-d12	15.27	264	470294	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1084780	76.91	ng	0.00
7) Phenol-d6	6.37	99	1366688	77.14	ng	0.00
23) Nitrobenzene-d5	7.30	82	1216357	82.43	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	353973	81.32	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2016277	80.29	ng	0.00
79) Terphenyl-d14	12.83	244	2067799	80.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	279782	39.574	ng	99
3) Pyridine	3.13	79	762656	40.321	ng	99
4) n-Nitrosodimethylamine	3.07	42	333216	40.272	ng	100
6) Aniline	6.40	93	948047	38.875	ng	99
8) 2-Chlorophenol	6.53	128	613774	39.093	ng	95
9) Benzaldehyde	6.29	77	498553	39.054	ng	100
10) Phenol	6.39	94	838630	40.563	ng	99
11) bis(2-Chloroethyl)ether	6.48	93	621070	39.138	ng	96
12) 1,3-Dichlorobenzene	6.68	146	638800	39.386	ng	99
13) 1,4-Dichlorobenzene	6.76	146	633055	38.921	ng	99
14) 1,2-Dichlorobenzene	6.92	146	580236	38.914	ng	99
15) Benzyl Alcohol	6.88	79	539997	39.971	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1041472	39.327	ng	99
17) 2-Methylphenol	6.99	107	495793	38.926	ng	99
18) Hexachloroethane	7.26	117	248055	39.813	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	441797	39.373	ng	98
20) 3+4-Methylphenols	7.15	107	556025	38.667	ng	# 88
22) Acetophenone	7.15	105	822483	39.835	ng	98
24) Nitrobenzene	7.32	77	667298	40.629	ng	99
25) Isophorone	7.57	82	1249773	39.312	ng	98
26) 2-Nitrophenol	7.64	139	300751	43.989	ng	97
27) 2,4-Dimethylphenol	7.68	122	499077	39.237	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	778289	39.157	ng	99
29) 2,4-Dichlorophenol	7.88	162	491397	39.838	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	524041	39.540	ng	99
31) Naphthalene	8.05	128	1681244	38.350	ng	99
32) Benzoic acid	7.80	122	375867	42.161	ng	98
33) 4-Chloroaniline	8.09	127	713396	38.420	ng	99
34) Hexachlorobutadiene	8.17	225	298774	39.972	ng	99
35) Caprolactam	8.46	113	175379	40.369	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	538532	39.451	ng	99
37) 2-Methylnaphthalene	8.73	142	1108724	39.163	ng	99
38) 1-Methylnaphthalene	8.83	142	1067988	38.943	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	469998	39.310	ng	99

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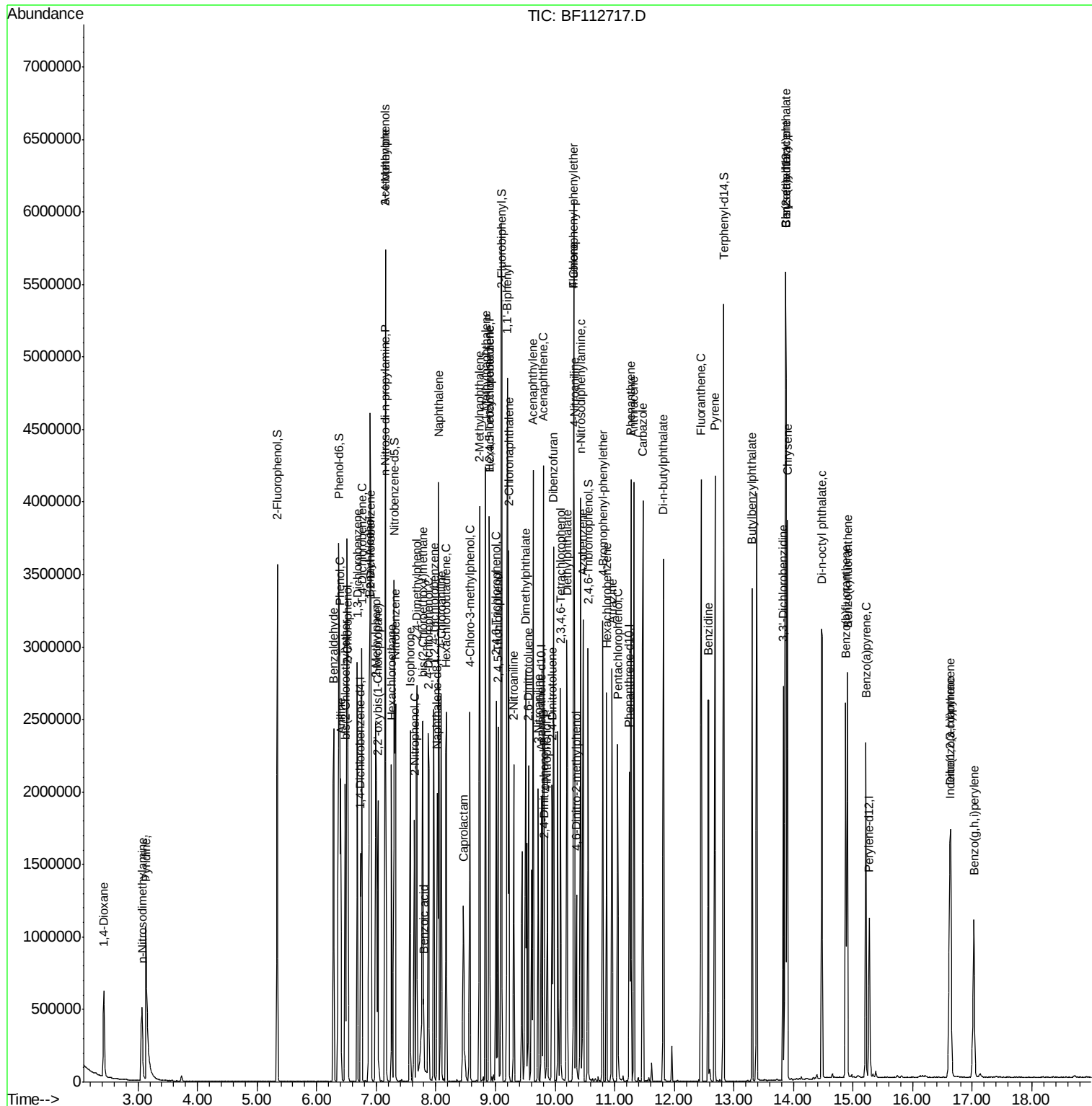
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	266087	40.642	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	328068	39.870	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	358657	40.326	ng	100
46) 1,1'-Biphenyl	9.20	154	1343931	40.187	ng	100
47) 2-Chloronaphthalene	9.22	162	1027377	39.344	ng	99
48) 2-Nitroaniline	9.31	65	344117	43.356	ng	98
49) Acenaphthylene	9.63	152	1718121	38.757	ng	100
50) Dimethylphthalate	9.50	163	1194720	39.519	ng	99
51) 2,6-Dinitrotoluene	9.56	165	272294	43.253	ng	# 83
52) Acenaphthene	9.80	154	1016631	39.216	ng	99
53) 3-Nitroaniline	9.72	138	317098	41.337	ng	97
54) 2,4-Dinitrophenol	9.82	184	96586	40.935	ng	96
55) Dibenzofuran	9.97	168	1453232	38.570	ng	100
56) 4-Nitrophenol	9.87	139	271676	43.577	ng	98
57) 2,4-Dinitrotoluene	9.95	165	352847	45.090	ng	98
58) Fluorene	10.32	166	1030383	38.531	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	301642	40.707	ng	99
60) Diethylphthalate	10.20	149	1251882	39.208	ng	99
61) 4-Chlorophenyl-phenylether	10.31	204	482103	38.748	ng	99
62) 4-Nitroaniline	10.33	138	295361	41.668	ng	98
63) Azobenzene	10.47	77	1268374	38.784	ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	131733	40.956	ng	98
66) n-Nitrosodiphenylamine	10.43	169	1009327	39.468	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	334534	39.831	ng	99
68) Hexachlorobenzene	10.86	284	375532	39.664	ng	100
69) Atrazine	10.96	200	302309	38.598	ng	97
70) Pentachlorophenol	11.05	266	229381	41.163	ng	98
71) Phenanthrene	11.27	178	1582581	39.890	ng	99
72) Anthracene	11.32	178	1609721	38.761	ng	100
73) Carbazole	11.47	167	1546738	38.179	ng	100
74) Di-n-butylphthalate	11.82	149	1884810	38.801	ng	98
75) Fluoranthene	12.45	202	1699618	39.986	ng	99
77) Benzidine	12.57	184	1006656	38.897	ng	# 94
78) Pyrene	12.68	202	1713137	40.739	ng	99
80) Butylbenzylphthalate	13.30	149	787312	42.415	ng	100
81) Benzo(a)anthracene	13.86	228	1413056	40.873	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	531847	40.676	ng	98
83) Chrysene	13.90	228	1365299	40.317	ng	100
84) Bis(2-ethylhexyl)phthalate	13.87	149	910442	41.817	ng	99
85) Di-n-octyl phthalate	14.48	149	1559661	41.718	ng	99
86) Indeno(1,2,3-cd)pyrene	16.62	276	1062148	36.790	ng	99
88) Benzo(b)fluoranthene	14.87	252	1319041	43.361	ng	99
89) Benzo(k)fluoranthene	14.90	252	1040093	37.747	ng	99
90) Benzo(a)pyrene	15.22	252	1091682	40.573	ng	99
91) Dibenzo(a,h)anthracene	16.64	278	868346	37.820	ng	99
92) Benzo(g,h,i)perylene	17.03	276	862990	37.432	ng	98

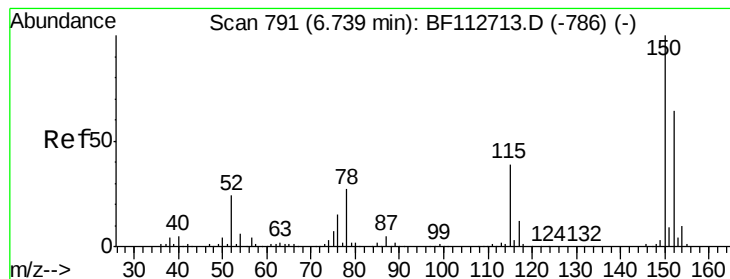
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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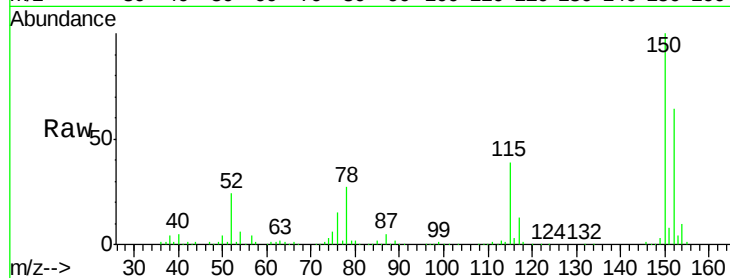


#1

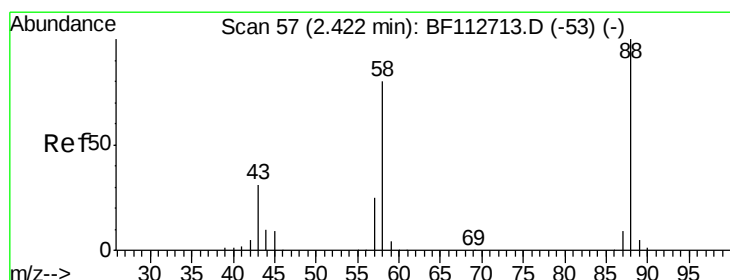
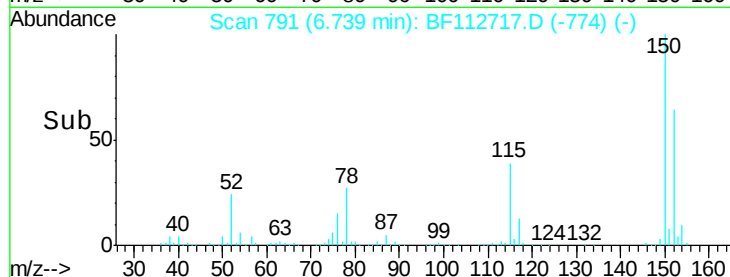
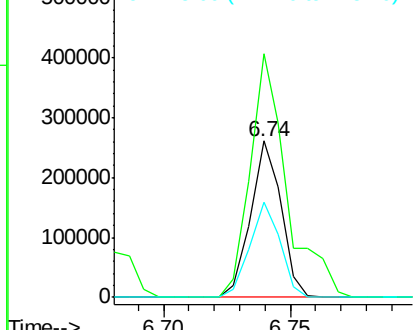
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 152 Resp: 219395
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.2
115 61.1 48.2 72.4



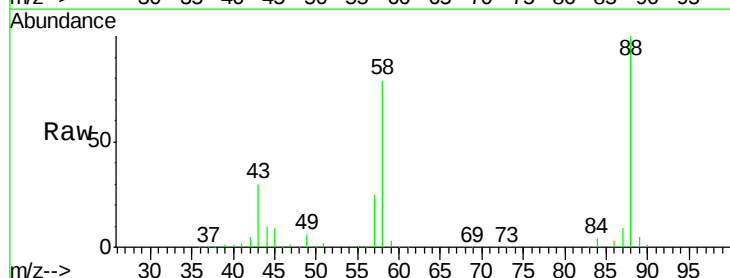
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



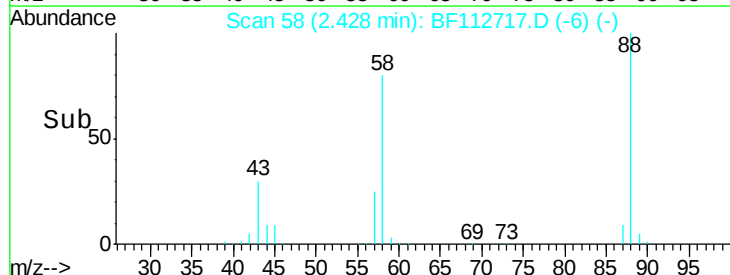
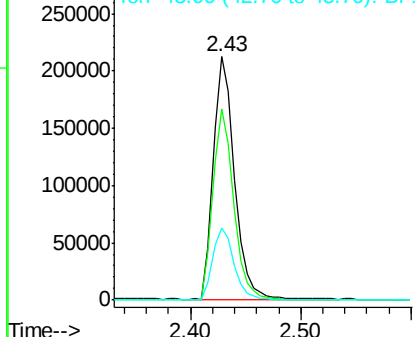
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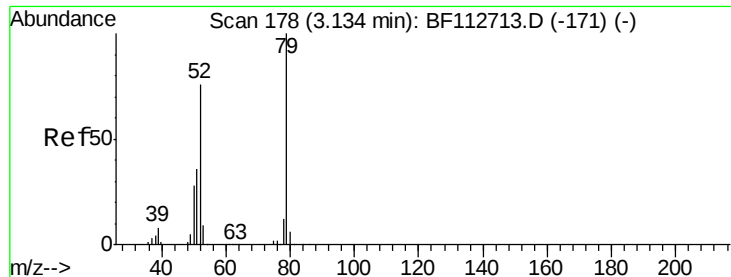
1,4-Dioxane
Concen: 39.574 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Tgt Ion: 88 Resp: 279782
Ion Ratio Lower Upper
88 100
58 77.4 63.1 94.7
43 30.2 24.3 36.5



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

Pyridine

Concen: 40.321 ng

RT: 3.13 min Scan# 178

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

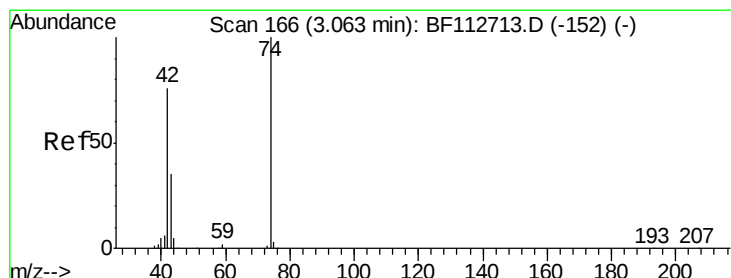
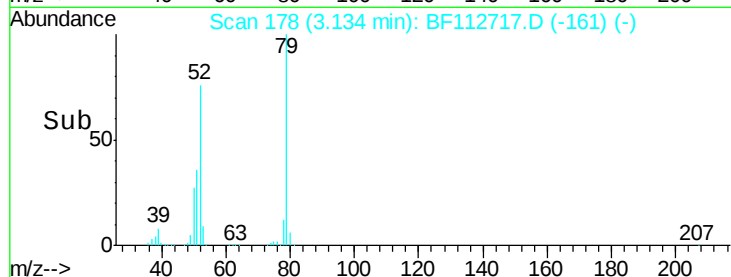
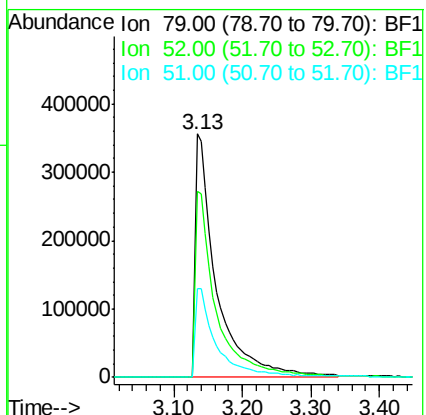
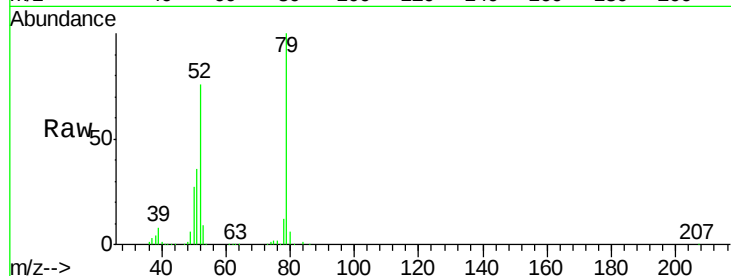
Tgt Ion: 79 Resp: 762656

Ion Ratio Lower Upper

79 100

52 76.4 60.5 90.7

51 36.2 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 40.272 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.01 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

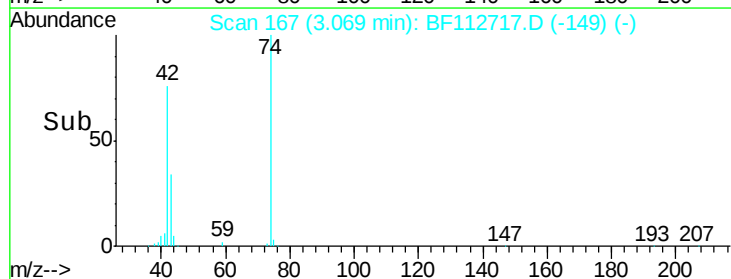
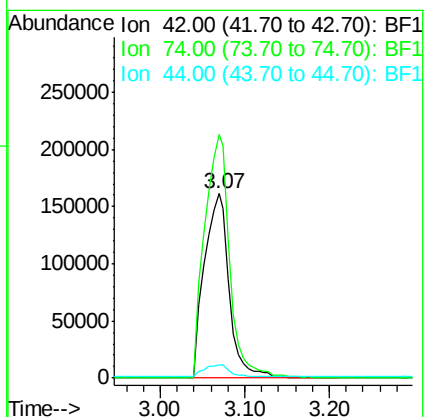
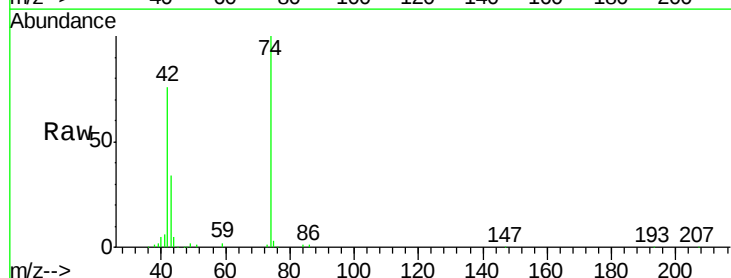
Tgt Ion: 42 Resp: 333216

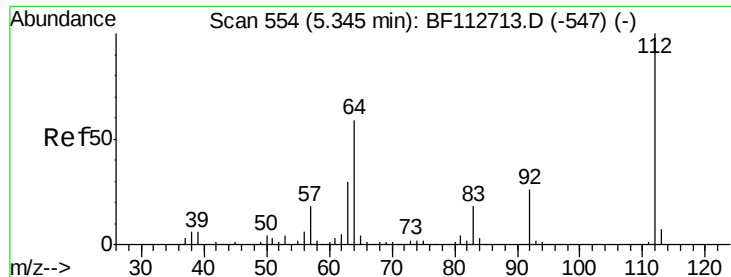
Ion Ratio Lower Upper

42 100

74 132.2 105.8 158.8

44 7.2 6.2 9.2





#5

2-Fluorophenol

Concen: 76.913 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.00 min

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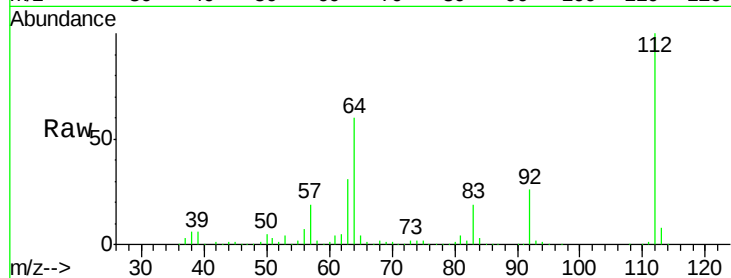
Tgt Ion: 112 Resp: 1084780

Ion Ratio Lower Upper

112 100

64 60.2 47.6 71.4

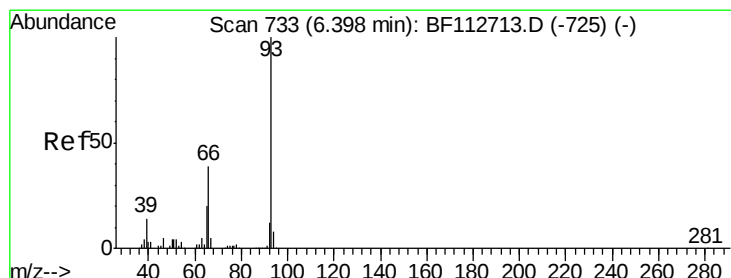
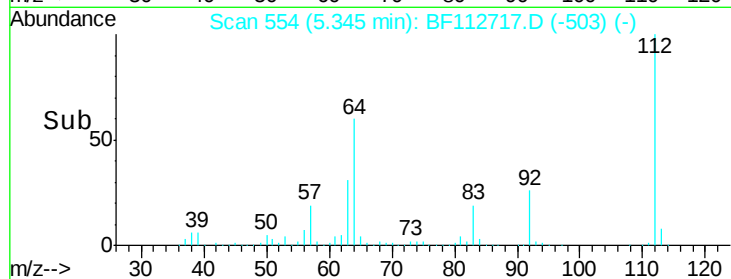
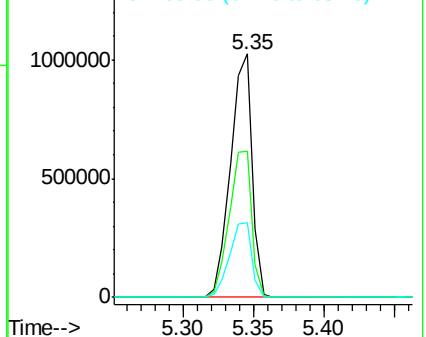
63 30.7 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.875 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF112717.D

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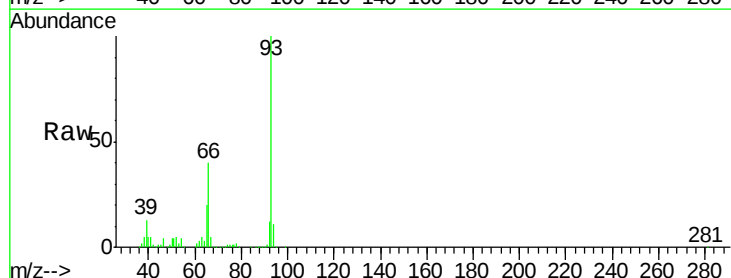
Tgt Ion: 93 Resp: 948047

Ion Ratio Lower Upper

93 100

66 39.8 32.2 48.2

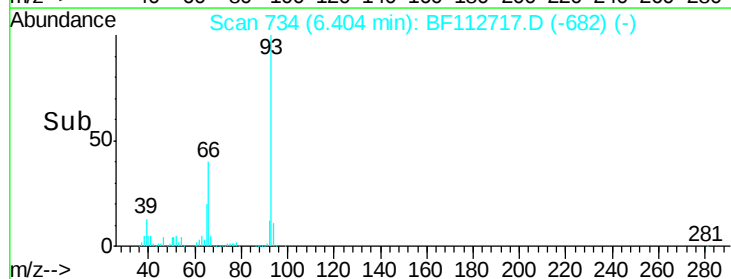
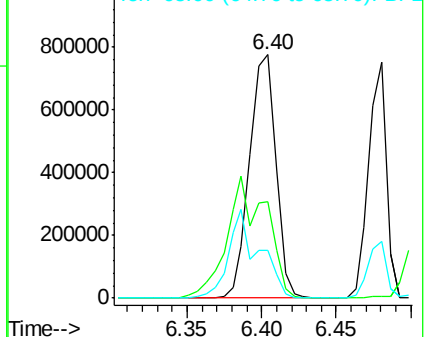
65 19.7 16.2 24.4

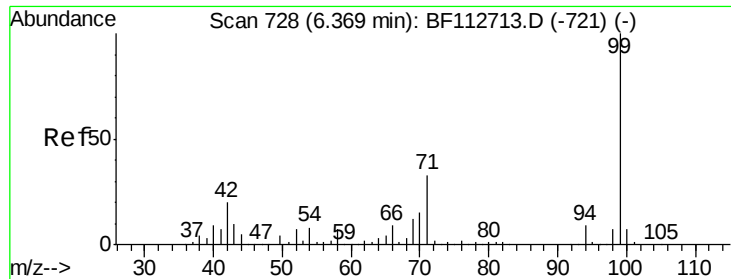


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.140 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

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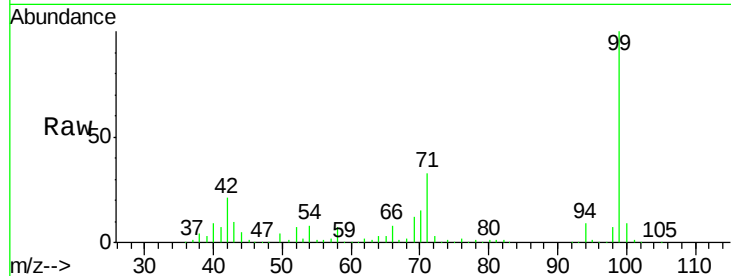
Tgt Ion: 99 Resp: 1366688

Ion Ratio Lower Upper

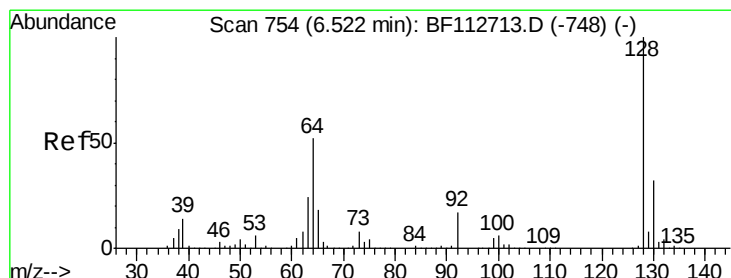
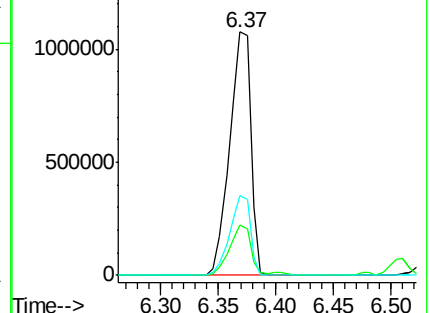
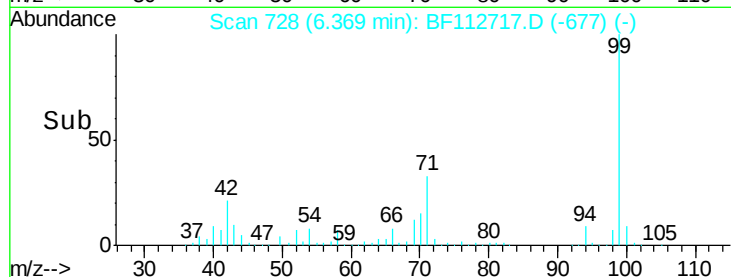
99 100

42 20.6 16.3 24.5

71 32.7 26.2 39.4



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: 39.093 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

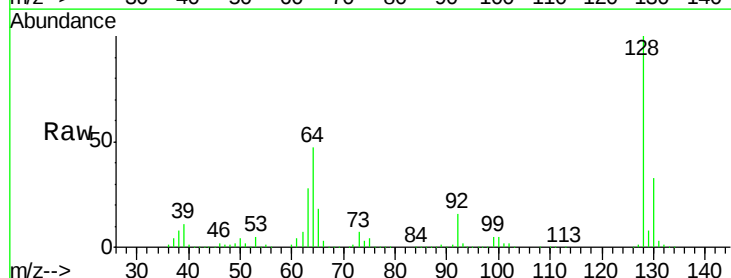
Tgt Ion: 128 Resp: 613774

Ion Ratio Lower Upper

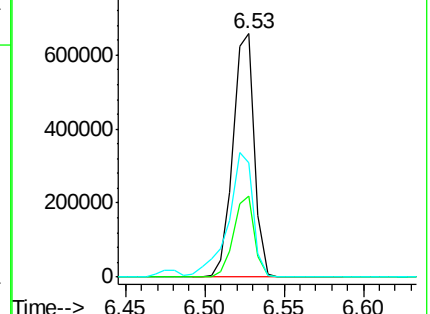
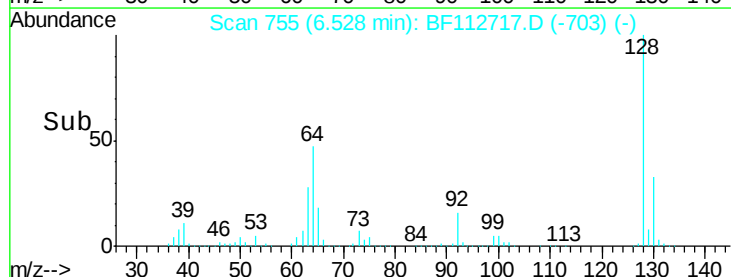
128 100

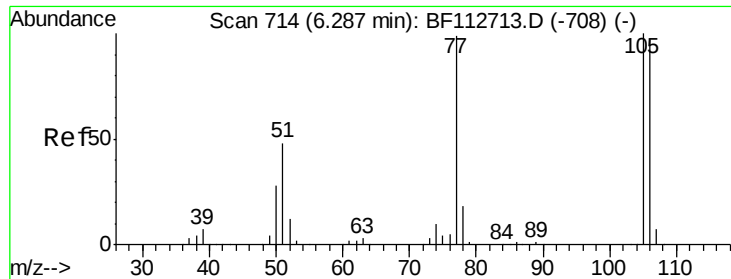
130 33.4 12.4 52.4

64 46.7 32.2 72.2



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





#9

Benzaldehyde

Concen: 39.054 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

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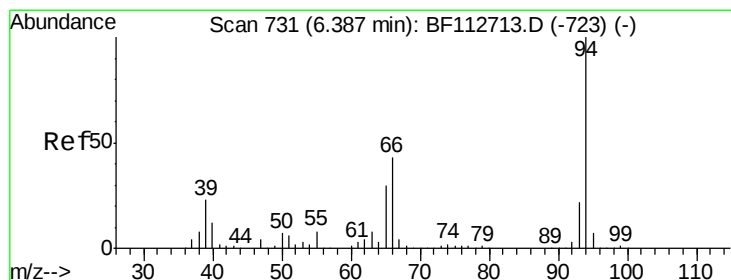
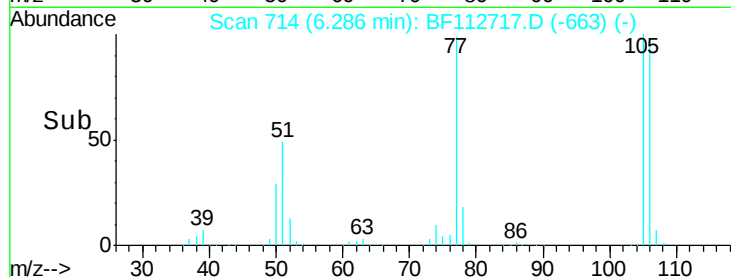
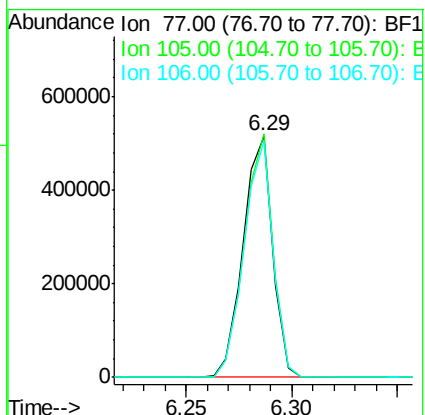
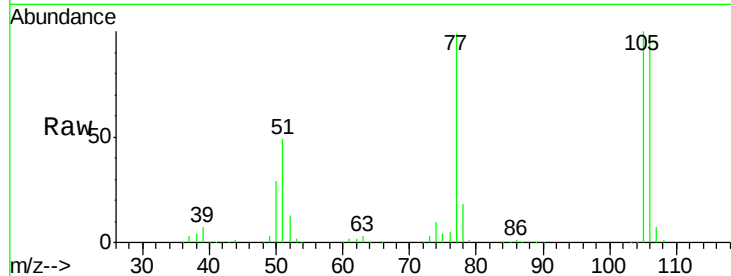
Tgt Ion: 77 Resp: 498553

Ion Ratio Lower Upper

77 100

105 101.0 81.4 121.4

106 97.9 78.3 118.3



#10

Phenol

Concen: 40.563 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

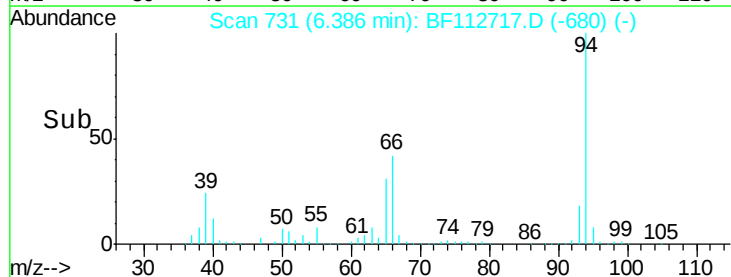
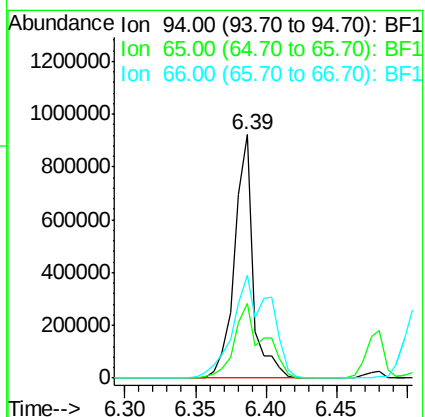
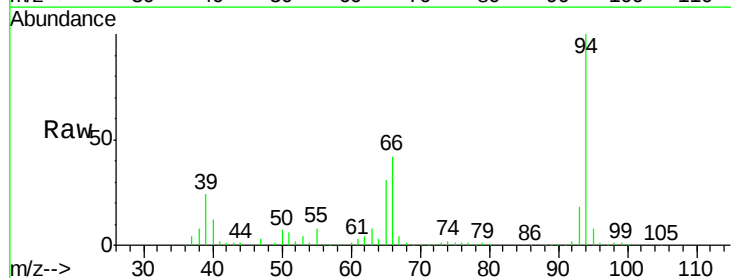
Tgt Ion: 94 Resp: 838630

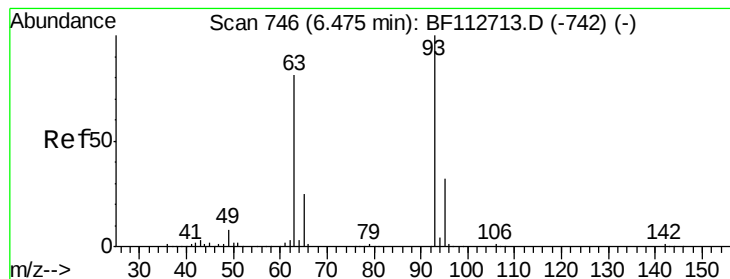
Ion Ratio Lower Upper

94 100

65 30.6 10.5 50.5

66 42.0 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 39.138 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

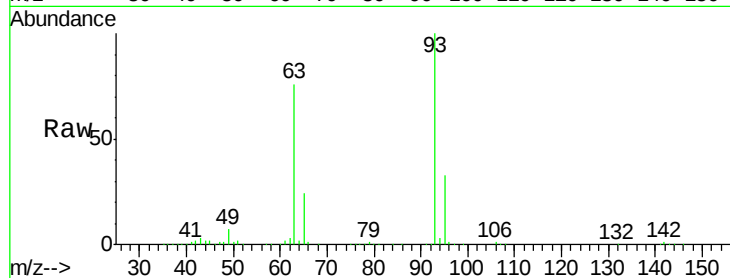
Tgt Ion: 93 Resp: 621070

Ion Ratio Lower Upper

93 100

63 75.9 60.5 100.5

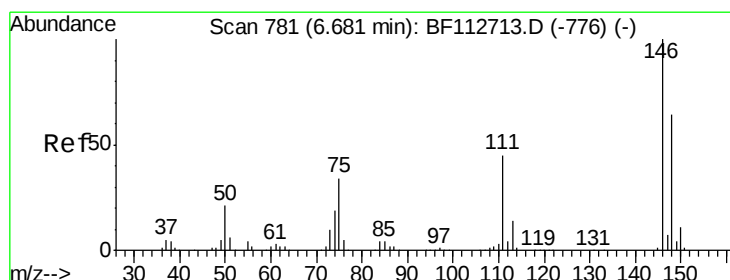
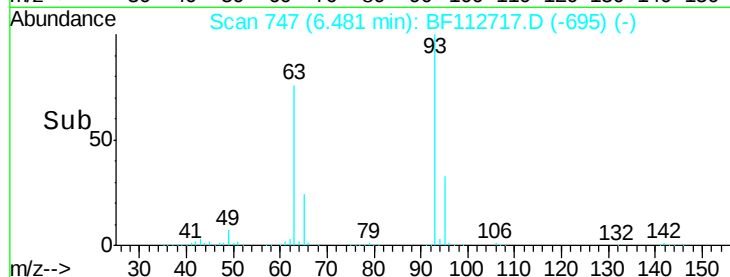
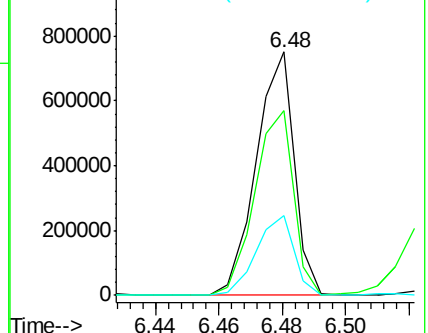
95 33.0 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.386 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

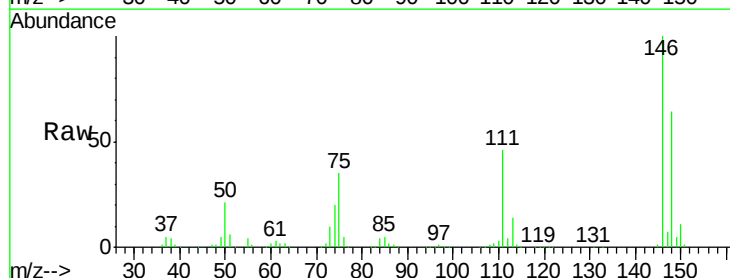
Tgt Ion: 146 Resp: 638800

Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

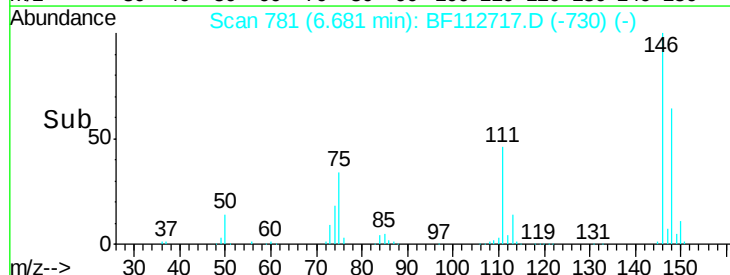
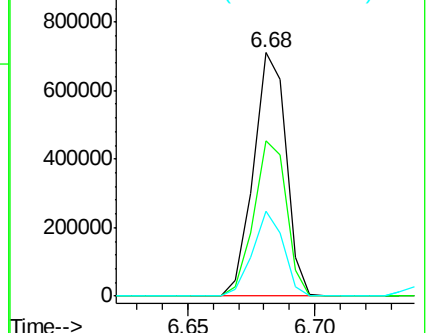
75 34.7 26.9 40.3

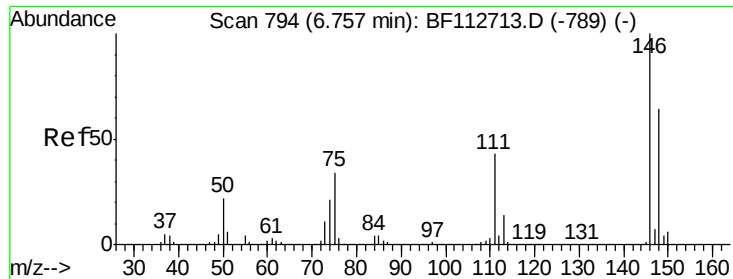


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

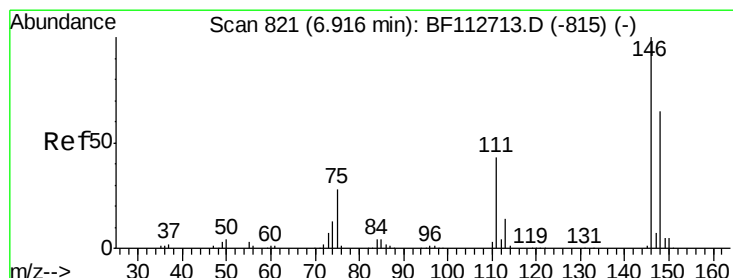
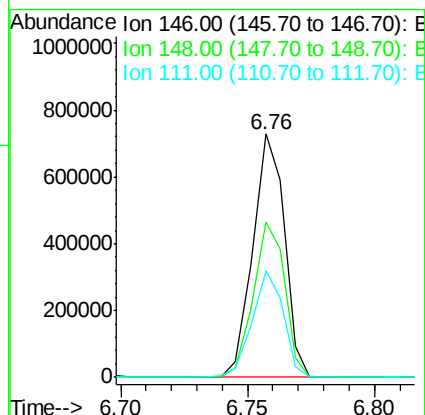
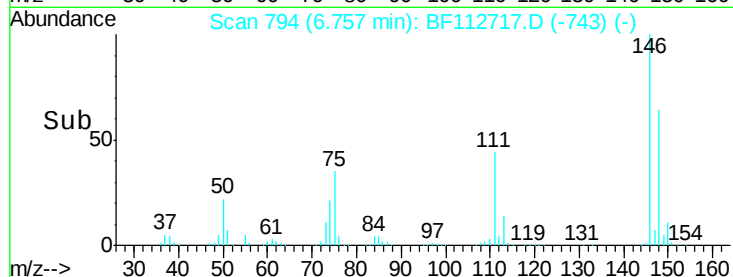
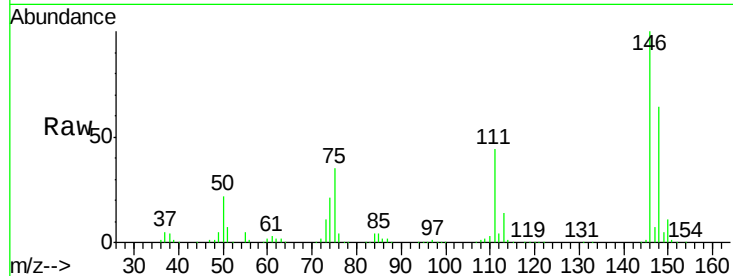




#13
 1,4-Dichlorobenzene
 Concen: 38.921 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

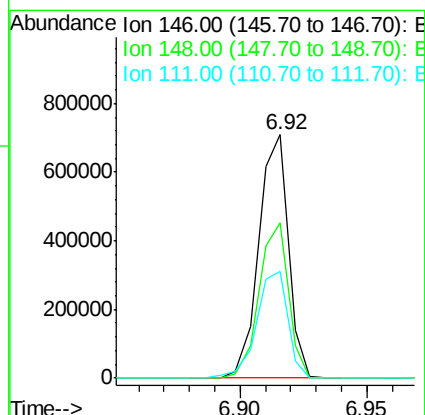
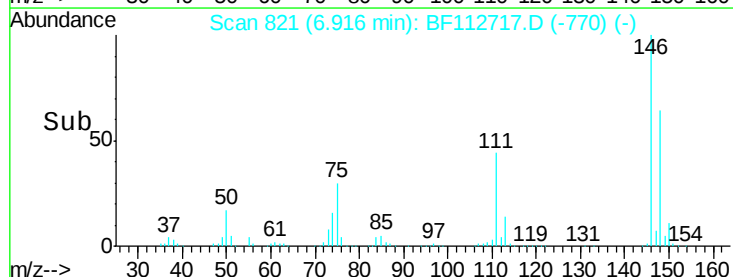
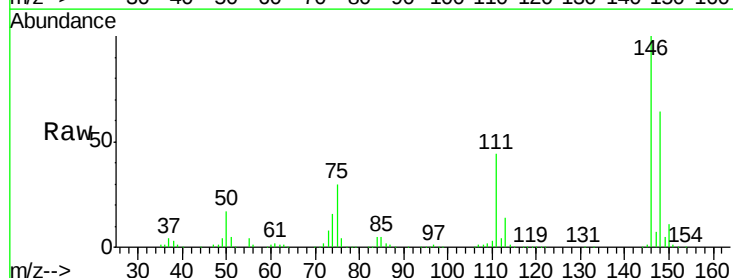
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

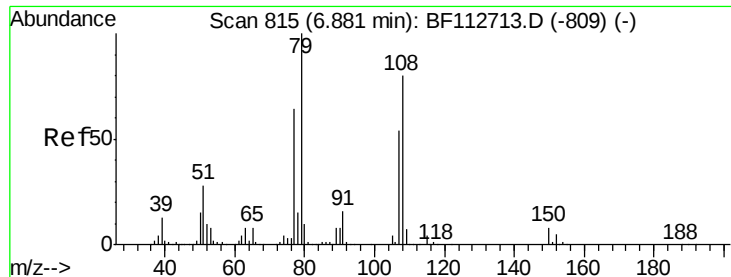
Tgt Ion:146 Resp: 633055
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.4
 111 44.1 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 38.914 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion:146 Resp: 580236
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.0 78.0
 111 43.6 34.8 52.2





#15

Benzyl Alcohol

Concen: 39.971 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

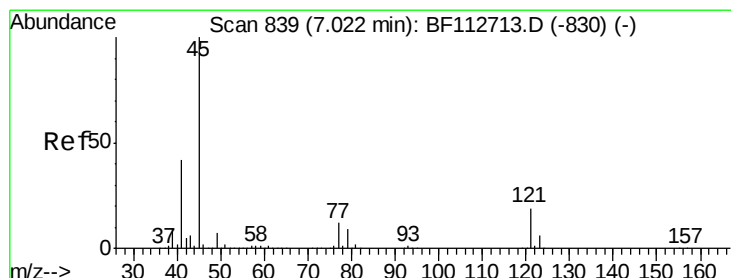
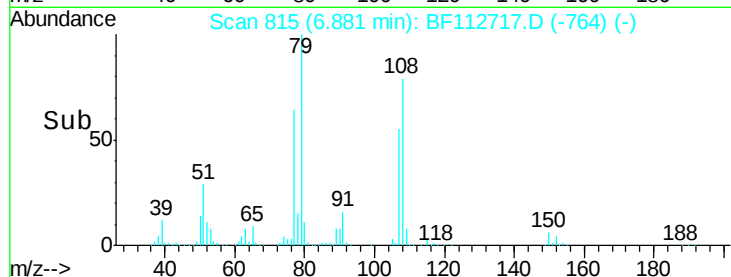
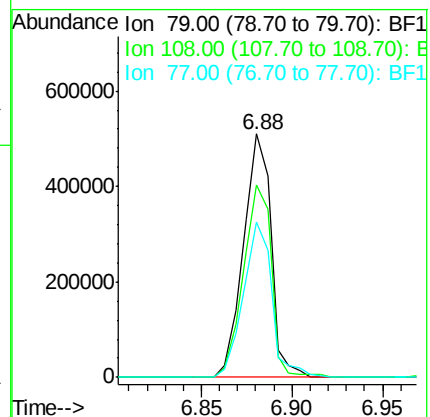
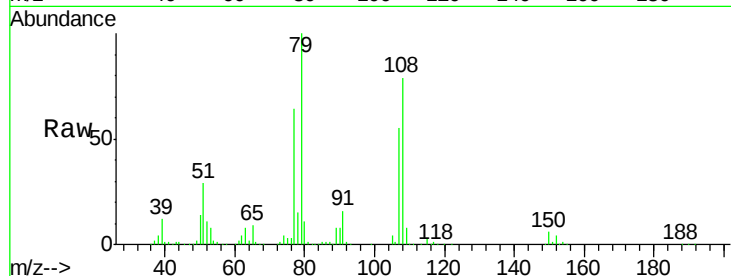
Tgt Ion: 79 Resp: 539997

Ion Ratio Lower Upper

79 100

108 79.2 64.2 96.4

77 63.9 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.327 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

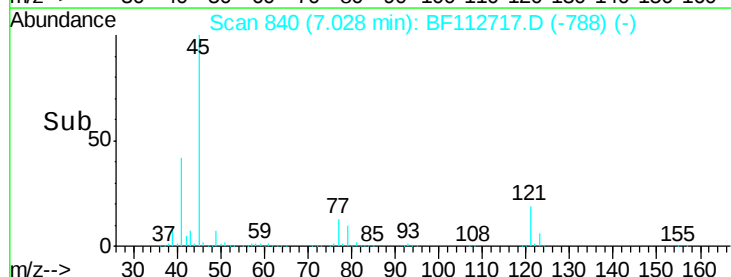
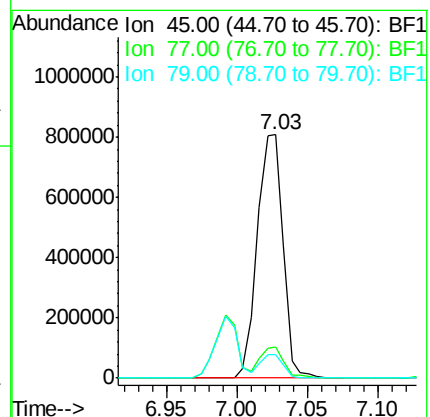
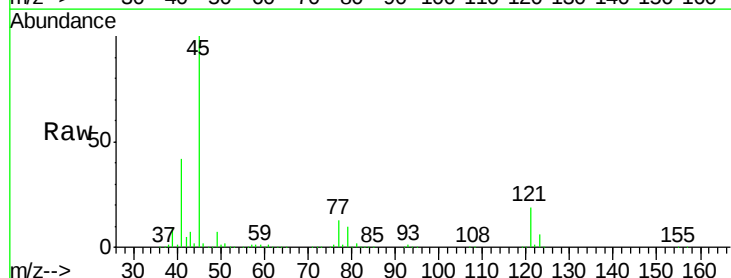
Tgt Ion: 45 Resp: 1041472

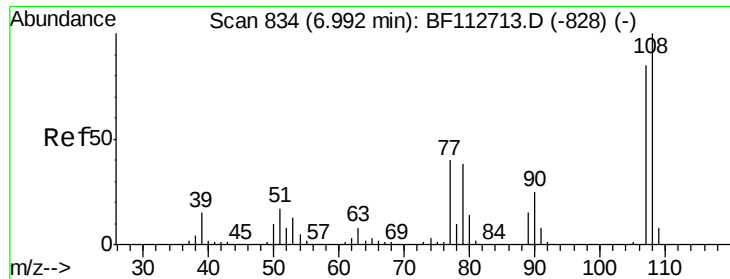
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.1

79 9.9 0.0 29.4

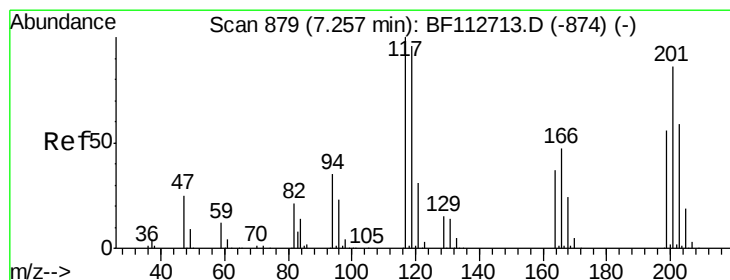
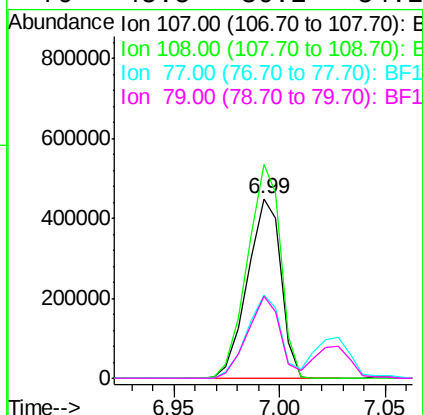
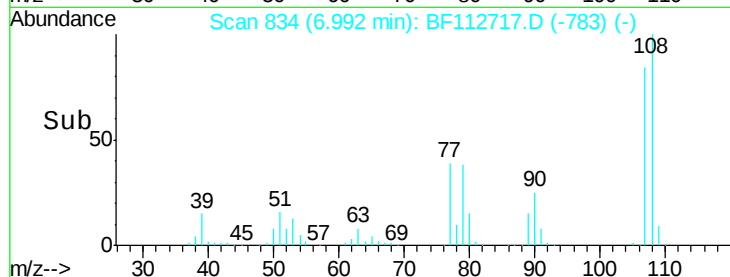
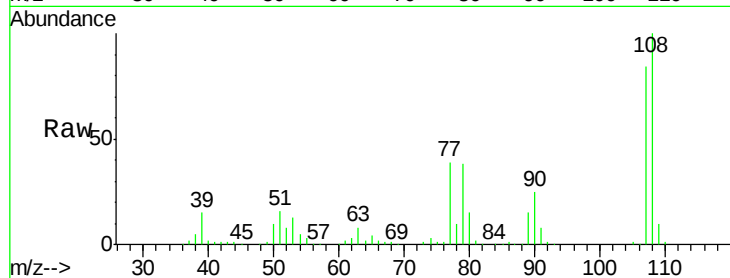




#17
2-Methylphenol
Concen: 38.926 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

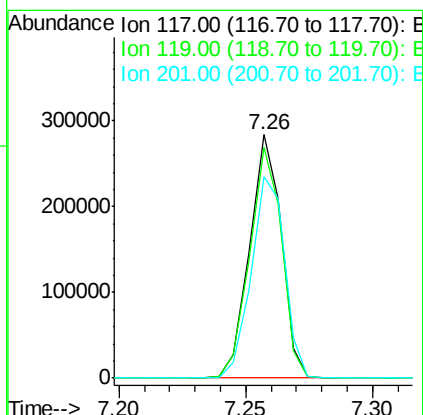
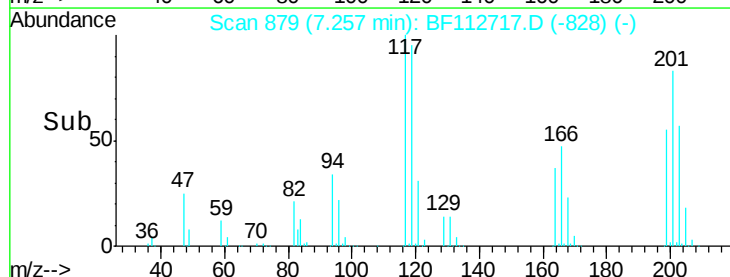
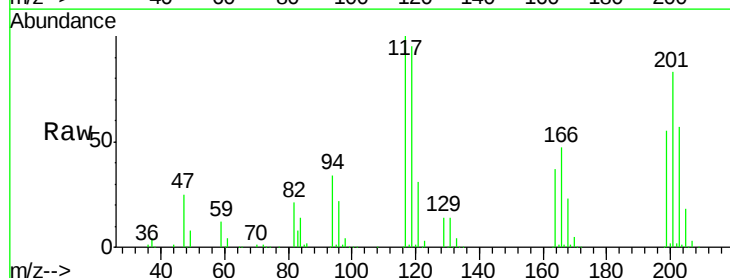
Instrument :
BNA_F
ClientSampleId :
ICVBF022719

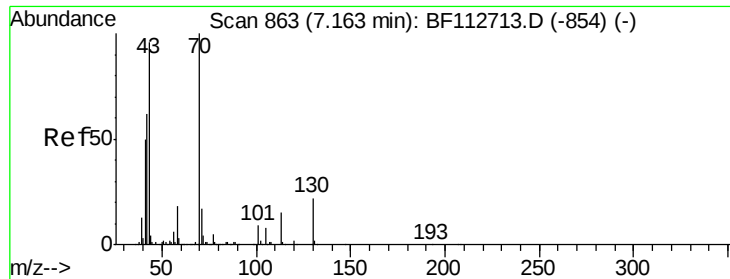
Tgt Ion:	107	Resp:	495793
Ion	Ratio	Lower	Upper
107	100		
108	118.9	94.6	142.0
77	46.3	37.8	56.8
79	45.5	36.2	54.2



#18
Hexachloroethane
Concen: 39.813 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Tgt Ion:	117	Resp:	248055
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	115.0
201	82.9	68.9	103.3

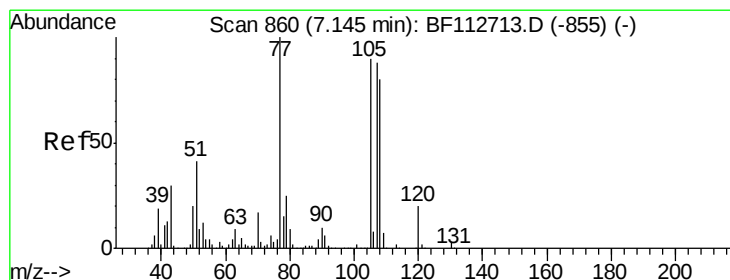
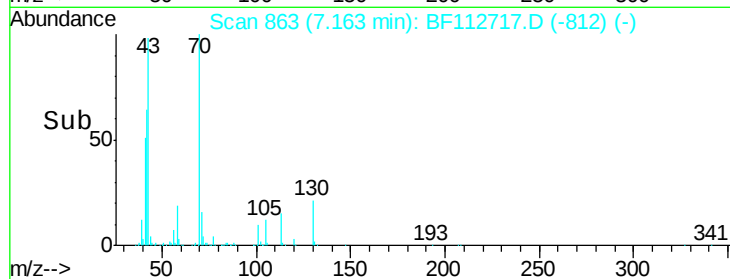
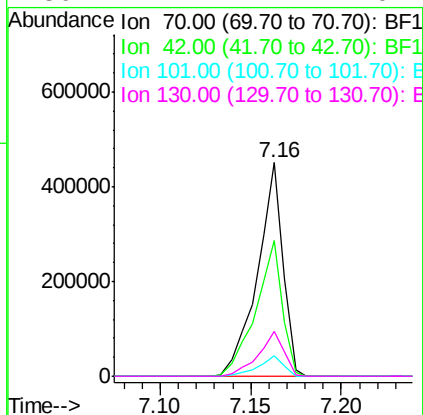
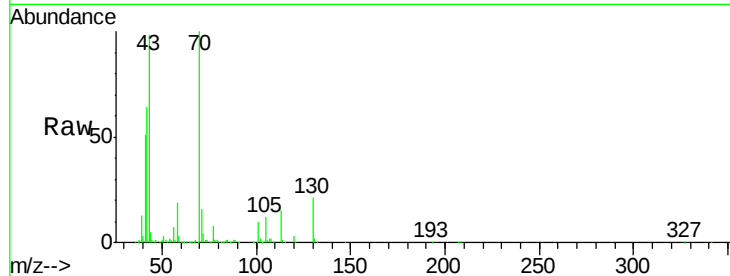




#19
n-Nitroso-di-n-propylamine
Concen: 39.373 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

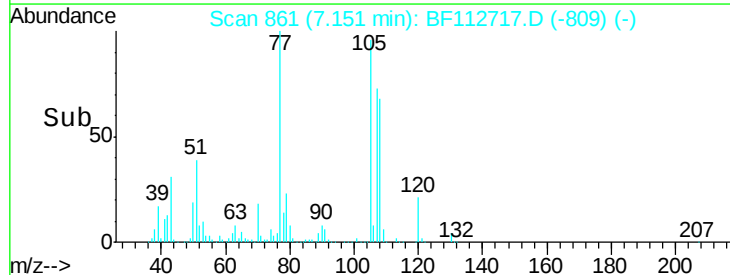
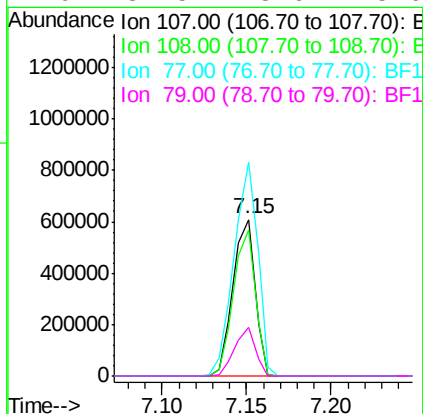
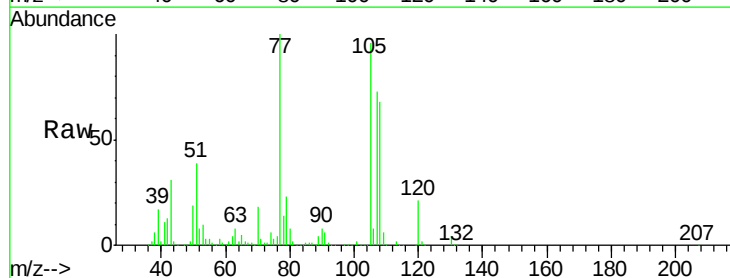
Instrument :
BNA_F
ClientSampleId :
ICVBF022719

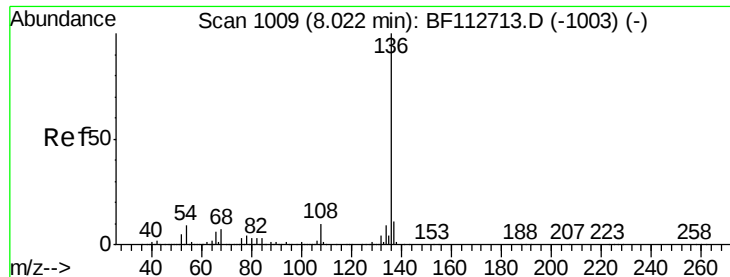
Tgt Ion:	70	Resp:	441797
Ion	Ratio	Lower	Upper
70	100		
42	63.7	49.9	74.9
101	9.6	7.4	11.2
130	21.2	17.4	26.2



#20
3+4-Methylphenols
Concen: 38.667 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Tgt Ion:	107	Resp:	556025
Ion	Ratio	Lower	Upper
107	100		
108	93.6	71.4	111.4
77	136.8	94.1	134.1#
79	31.5	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

Tgt Ion:136 Resp: 883005

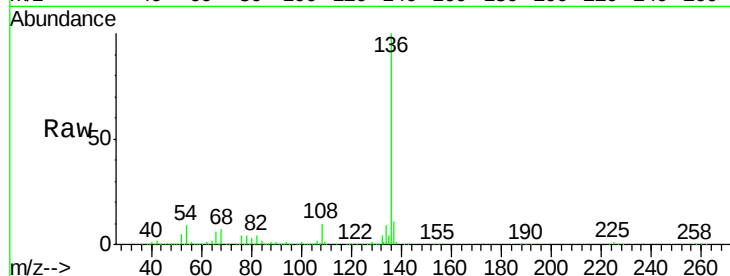
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.0 7.3 10.9

68 6.8 5.4 8.2

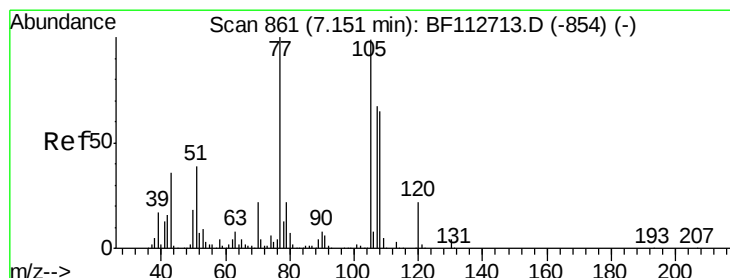
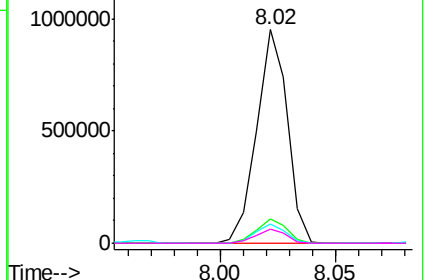
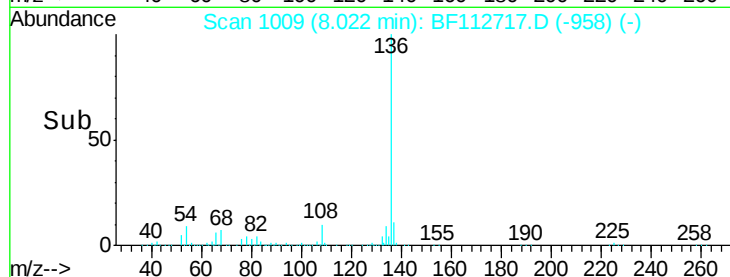


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.835 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Tgt Ion:105 Resp: 822483

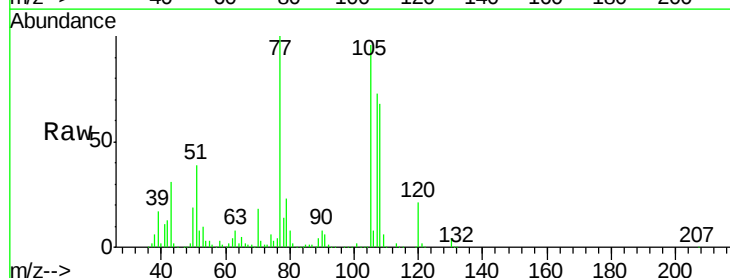
Ion Ratio Lower Upper

105 100

71 3.0 3.0 4.4

51 40.8 31.5 47.3

120 22.3 18.1 27.1

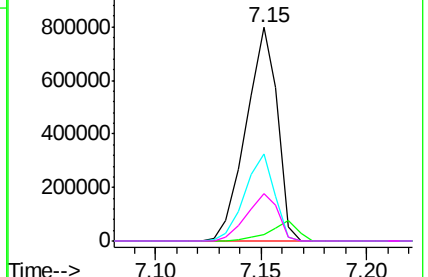
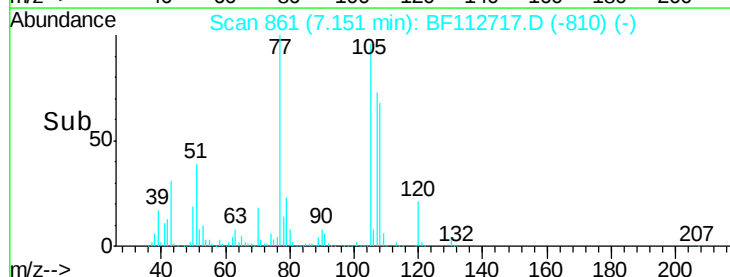


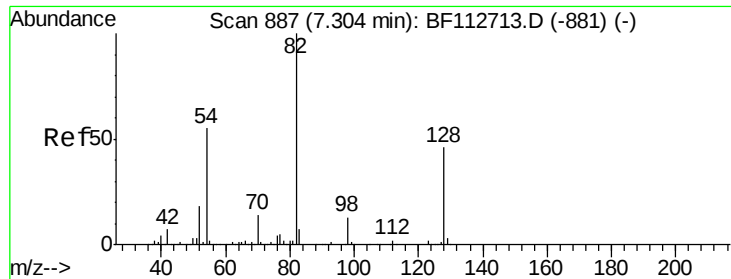
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

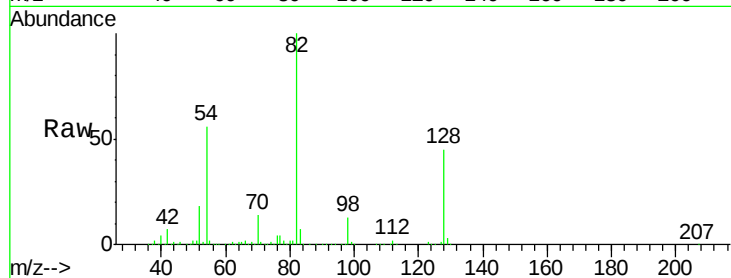




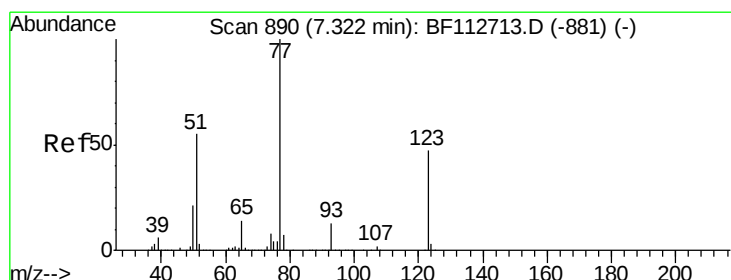
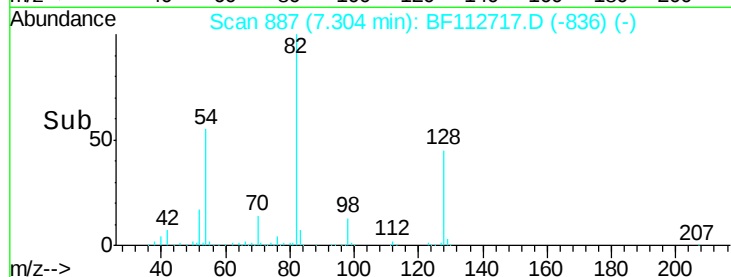
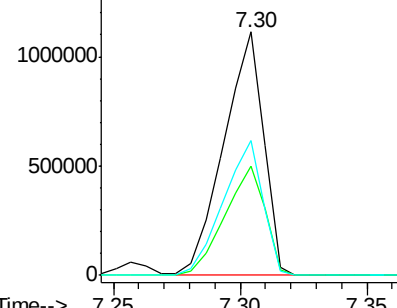
#23
Nitrobenzene-d5
Concen: 82.428 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Instrument :
BNA_F
ClientSampleId :
ICVBF022719

Tgt Ion: 82 Resp: 1216357
Ion Ratio Lower Upper
82 100
128 45.1 36.3 54.5
54 55.5 43.7 65.5

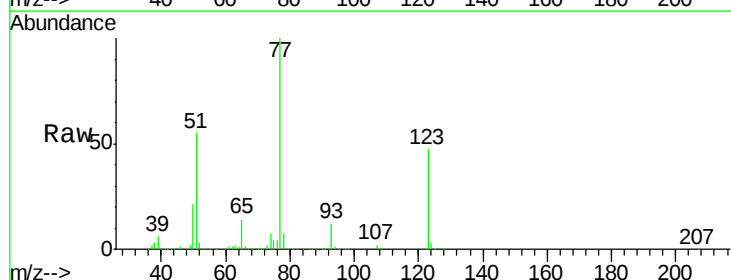


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

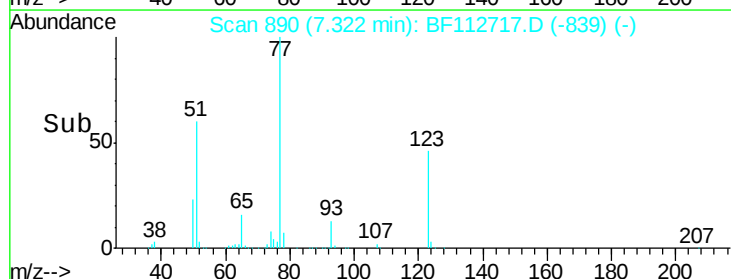
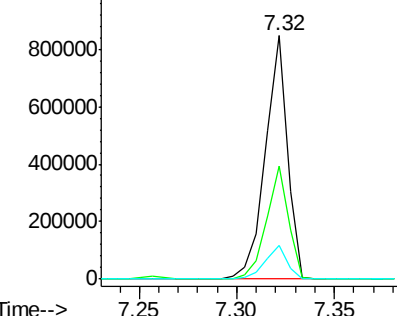


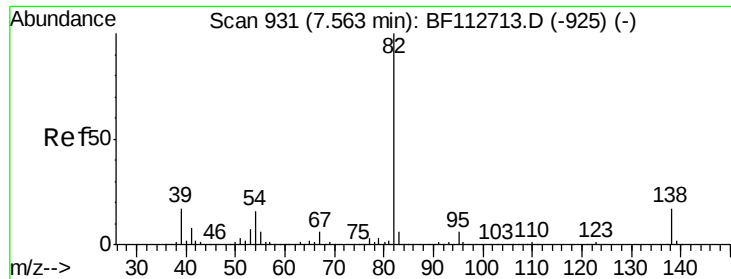
#24
Nitrobenzene
Concen: 40.629 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Tgt Ion: 77 Resp: 667298
Ion Ratio Lower Upper
77 100
123 46.7 37.8 56.6
65 13.9 11.1 16.7



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

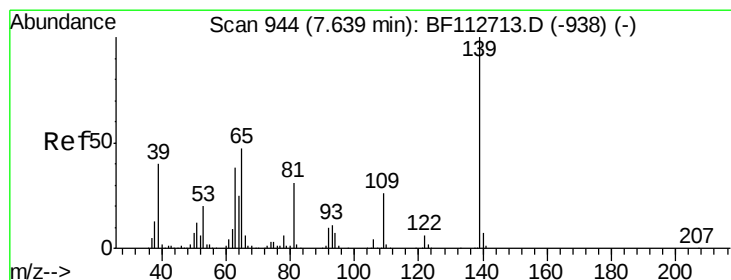
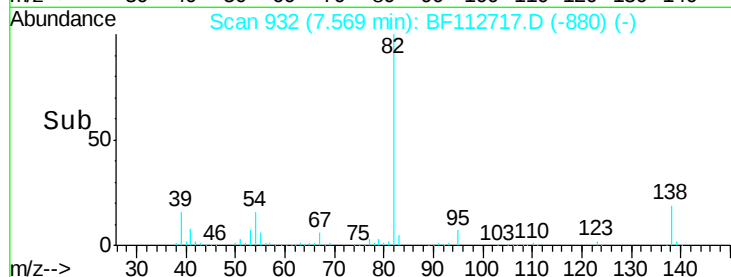
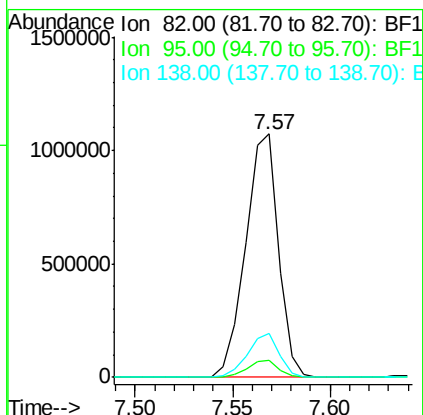
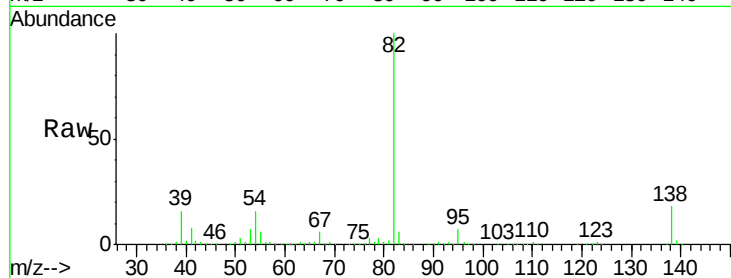




#25
Isophorone
Concen: 39.312 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

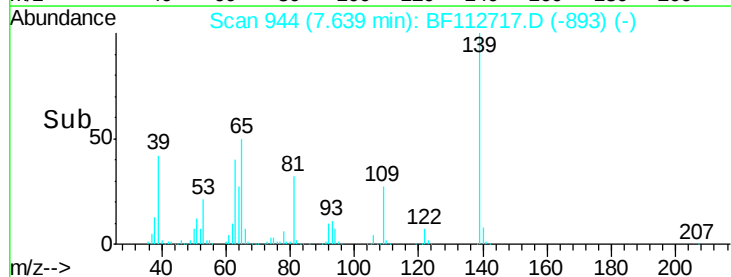
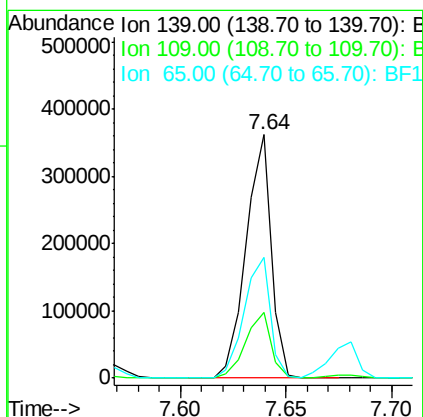
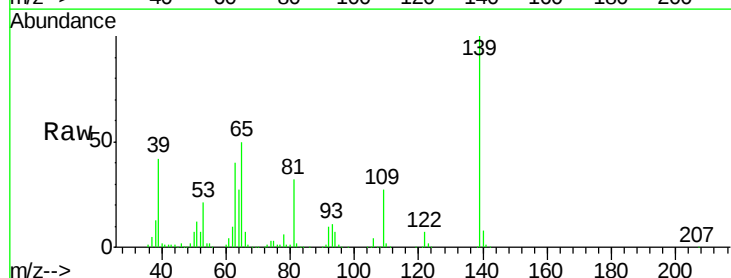
Instrument :
BNA_F
ClientSampleId :
ICVBF022719

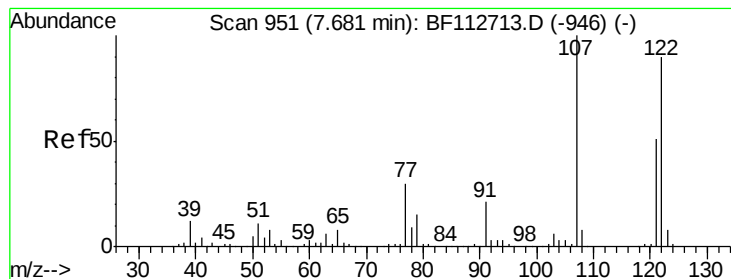
Tgt Ion: 82 Resp: 1249773
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.2 13.8 20.8



#26
2-Nitrophenol
Concen: 43.989 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Tgt Ion: 139 Resp: 300751
Ion Ratio Lower Upper
139 100
109 26.9 20.6 31.0
65 49.8 37.9 56.9

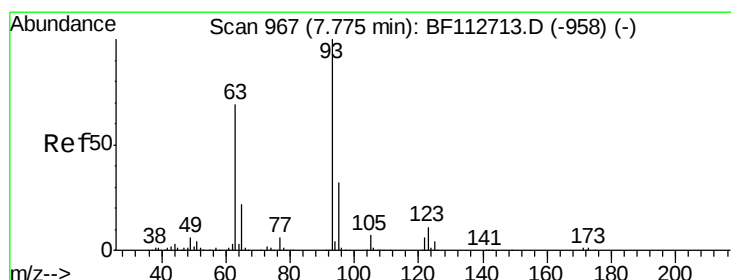
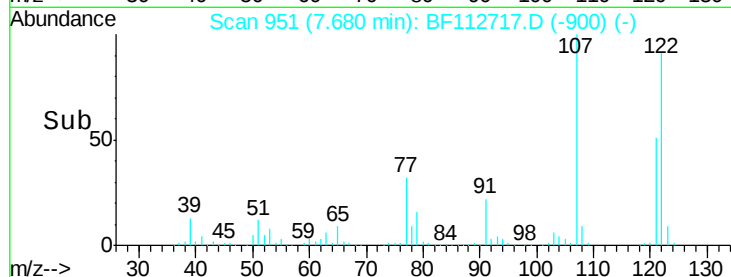
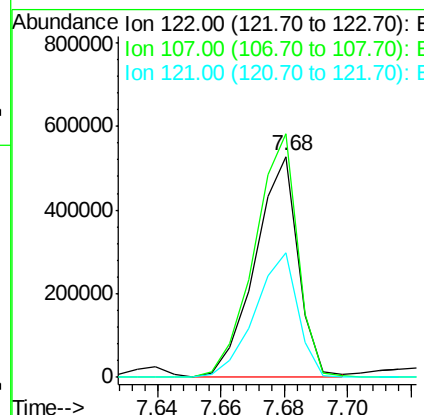
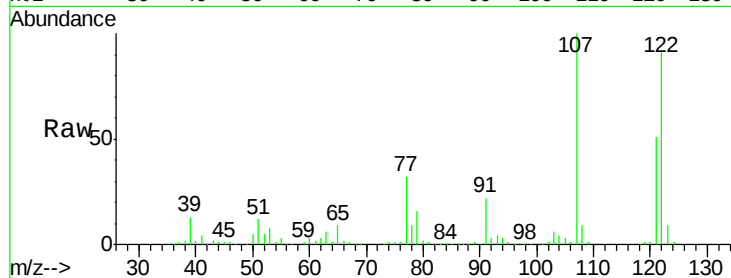




#27
2,4-Dimethylphenol
Concen: 39.237 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

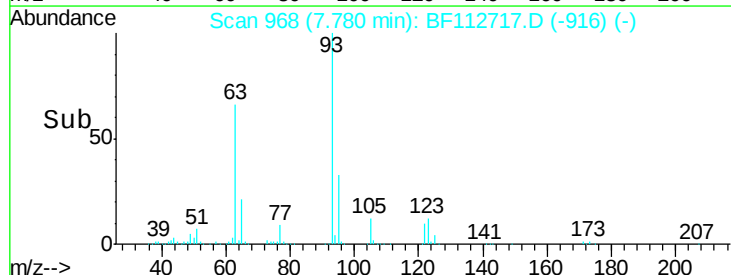
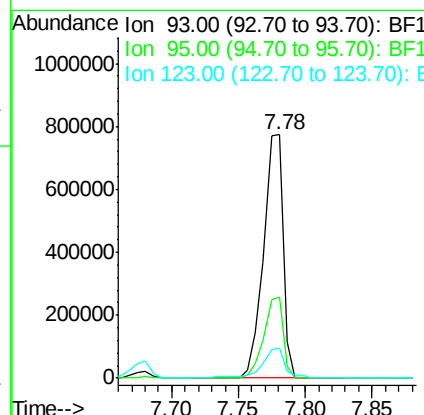
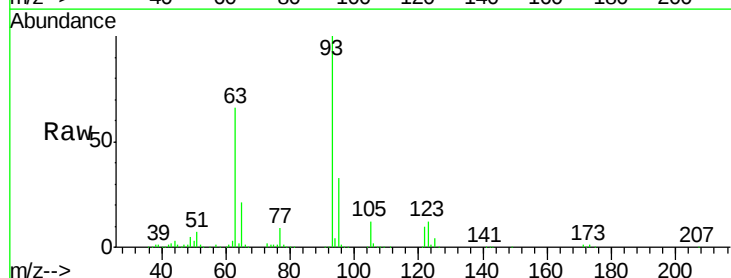
Instrument :
BNA_F
ClientSampleId :
ICVBF022719

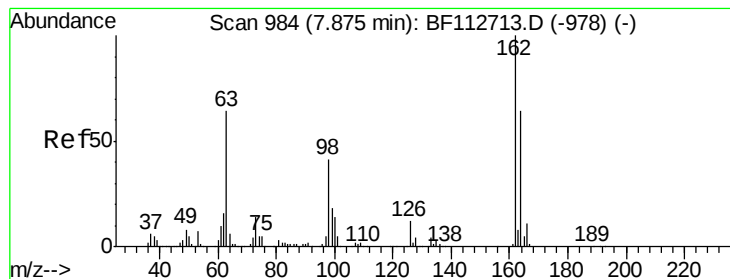
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.2	89.4	134.0
121	56.6	45.5	68.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.157 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	12.5	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 39.838 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

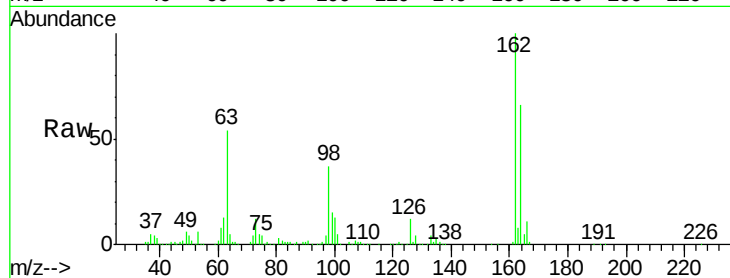
Tgt Ion:162 Resp: 491397

Ion Ratio Lower Upper

162 100

164 66.0 44.0 84.0

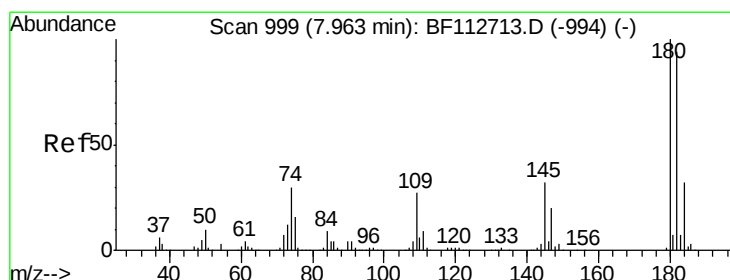
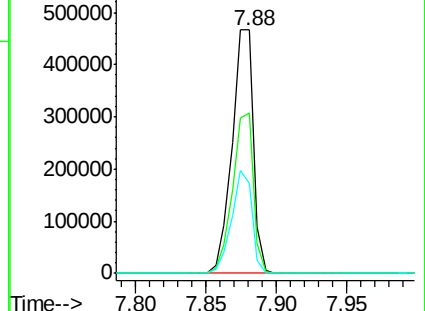
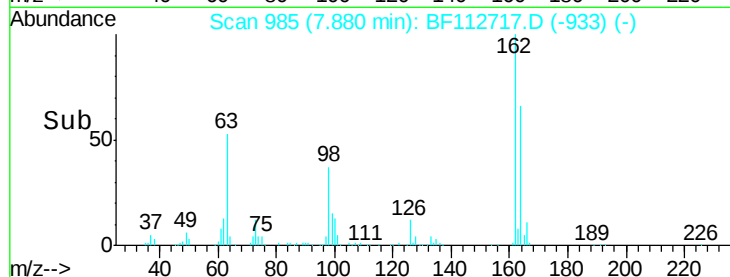
98 36.8 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.540 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

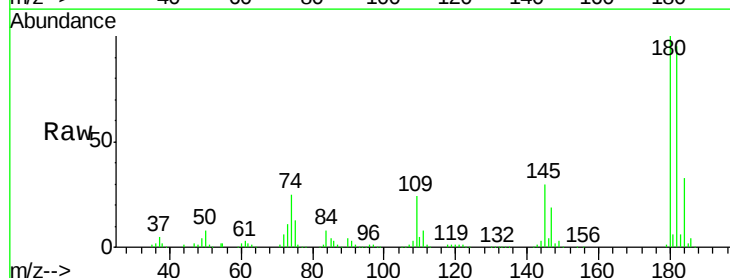
Tgt Ion:180 Resp: 524041

Ion Ratio Lower Upper

180 100

182 94.9 75.2 112.8

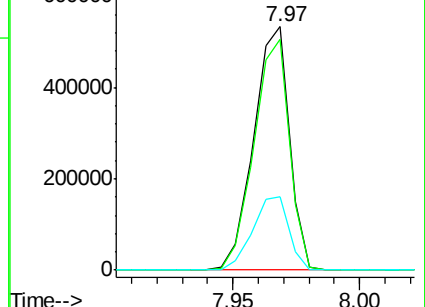
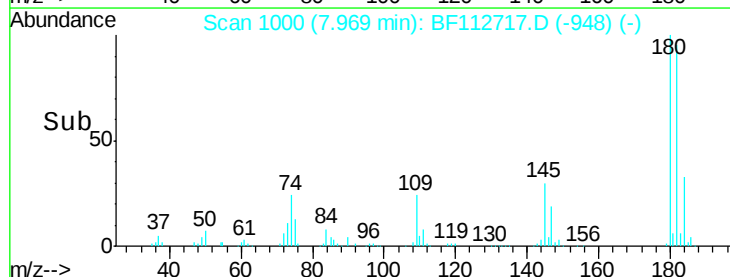
145 30.1 25.4 38.0

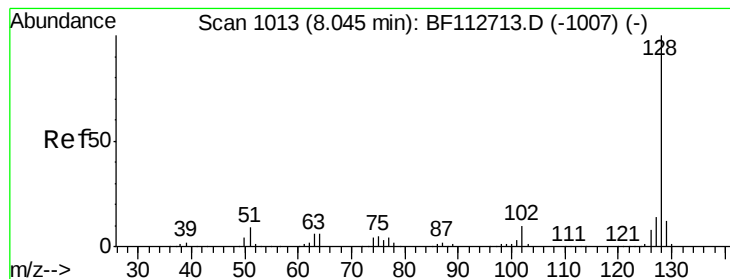


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.350 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

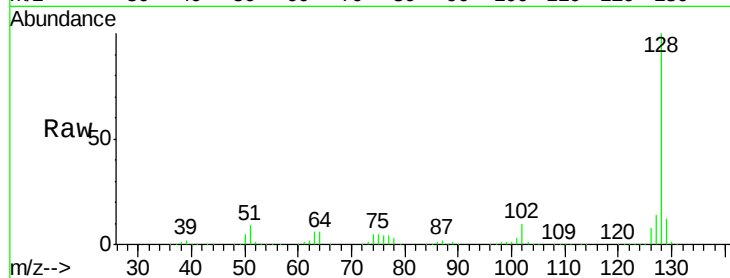
Tgt Ion:128 Resp: 1681244

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

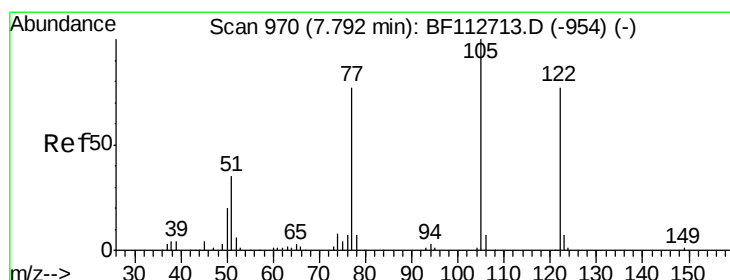
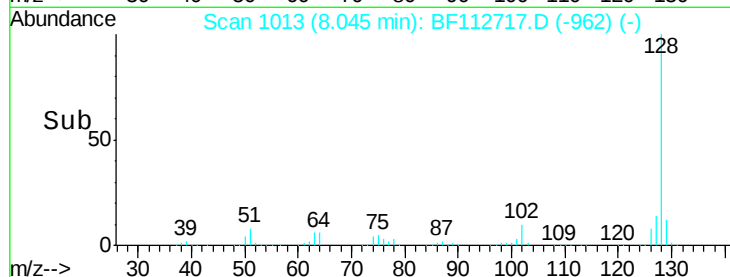
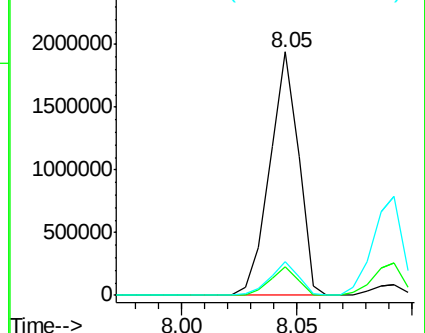
127 13.9 10.9 16.3



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: 42.161 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

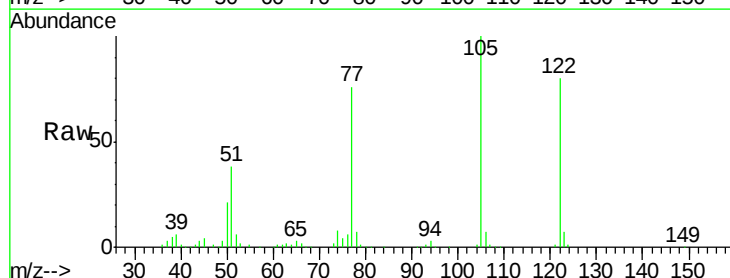
Tgt Ion:122 Resp: 375867

Ion Ratio Lower Upper

122 100

105 125.4 106.8 146.8

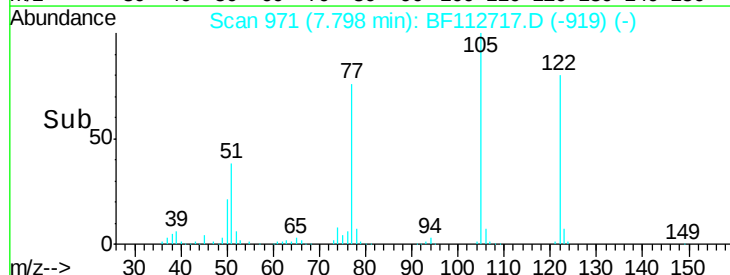
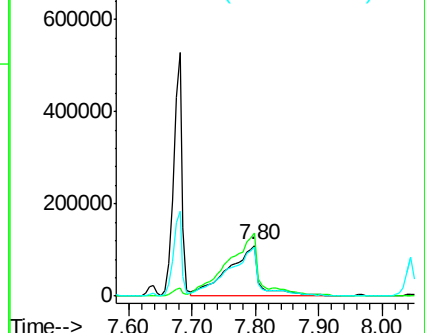
77 95.9 79.4 119.4

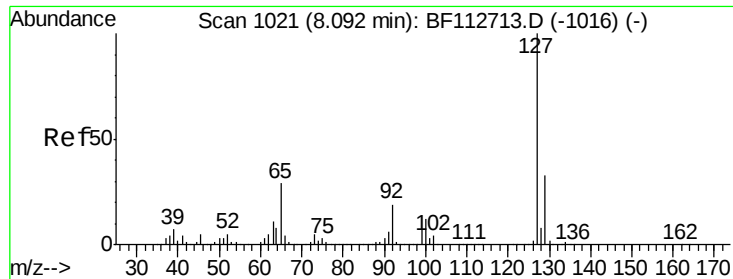


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

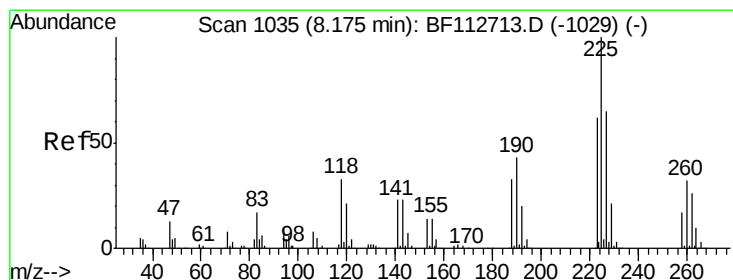
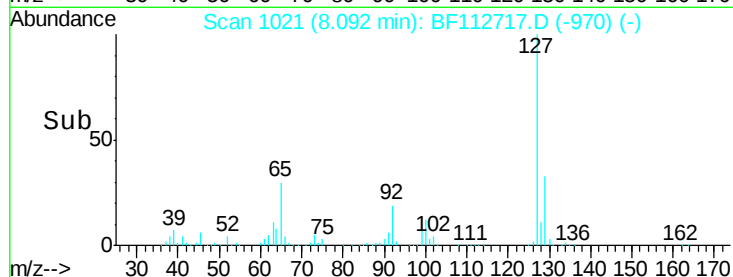
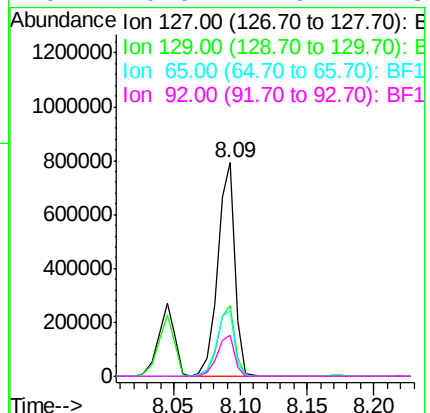
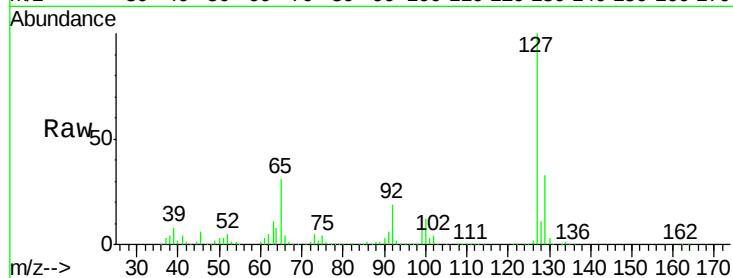




#33
4-Chloroaniline
Concen: 38.420 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

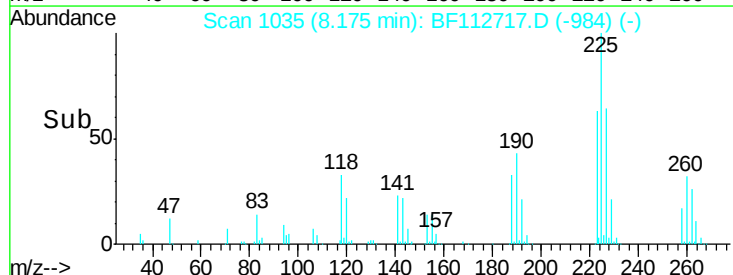
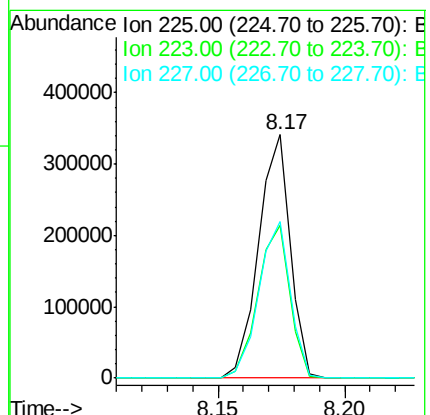
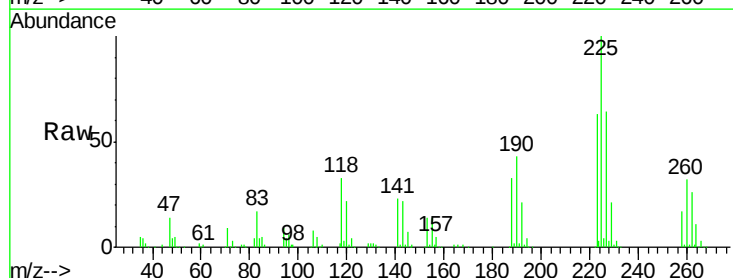
Instrument :
BNA_F
ClientSampleId :
ICVBF022719

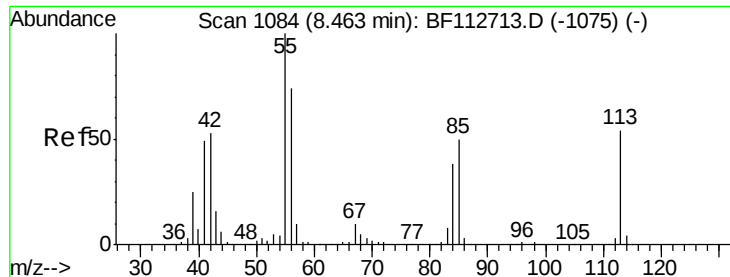
Tgt Ion:	127	Resp:	713396
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.4	39.6
65	30.6	23.1	34.7
92	19.0	14.9	22.3



#34
Hexachlorobutadiene
Concen: 39.972 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Tgt Ion:	225	Resp:	298774
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	64.4	52.1	78.1





#35

Caprolactam

Concen: 40.369 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

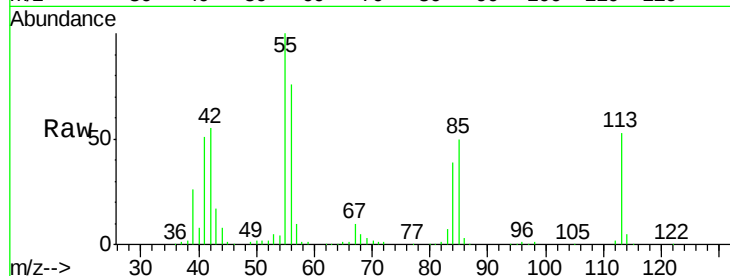
Tgt Ion:113 Resp: 175379

Ion Ratio Lower Upper

113 100

55 187.3 163.5 203.5

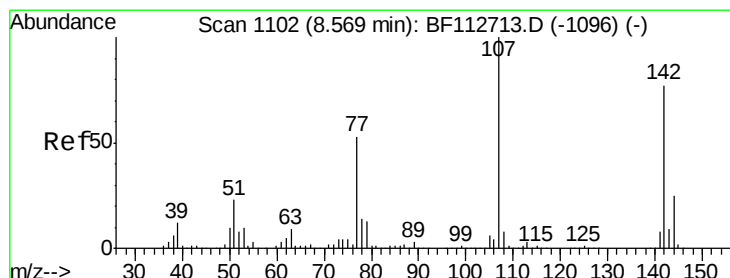
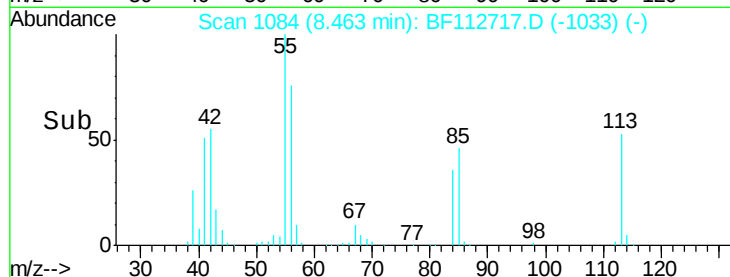
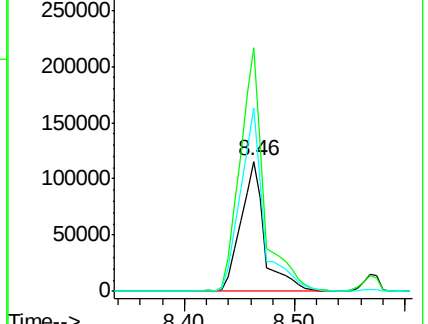
56 141.5 115.3 155.3



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: 39.451 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

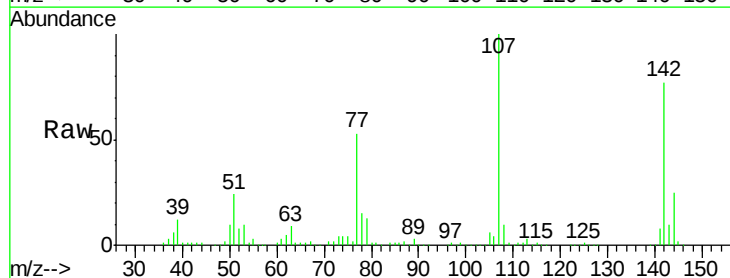
Tgt Ion:107 Resp: 538532

Ion Ratio Lower Upper

107 100

144 24.7 20.1 30.1

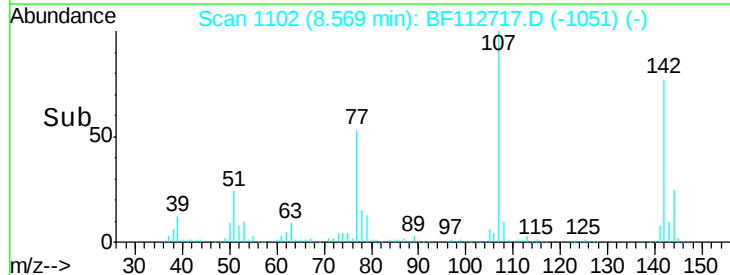
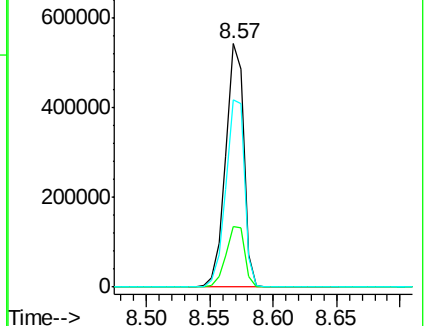
142 77.0 61.9 92.9

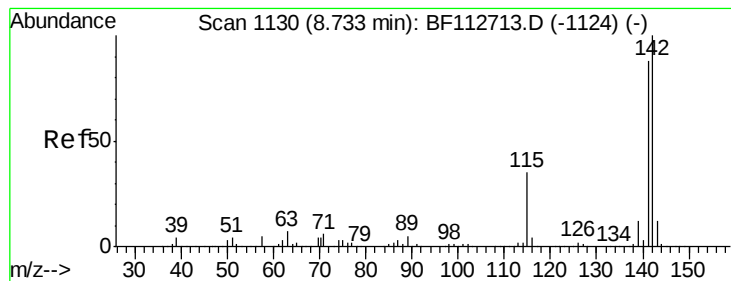


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.163 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

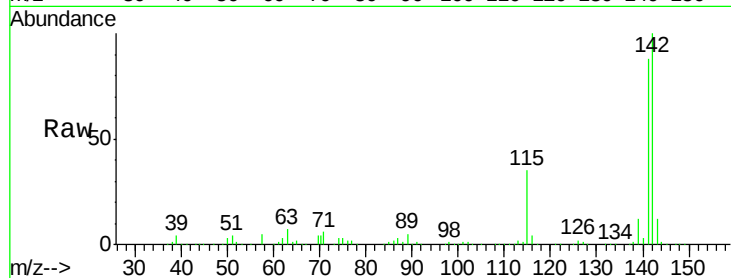
Tgt Ion:142 Resp: 1108724

Ion Ratio Lower Upper

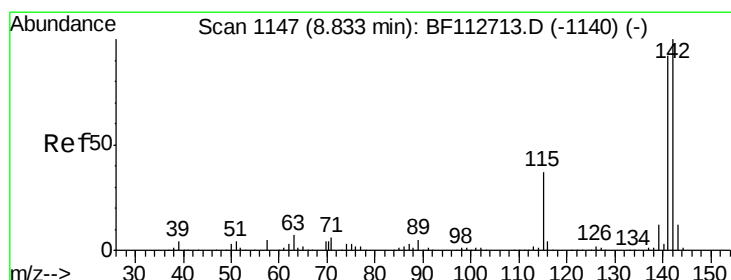
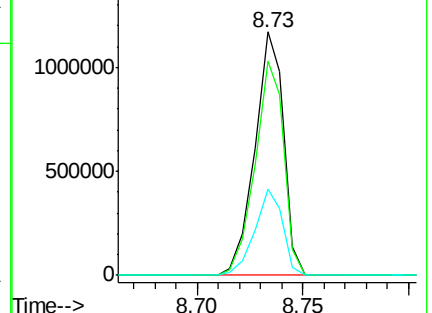
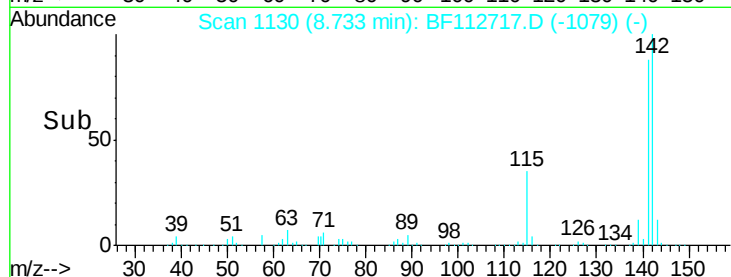
142 100

141 88.1 70.3 105.5

115 35.5 27.8 41.6



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: 38.943 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

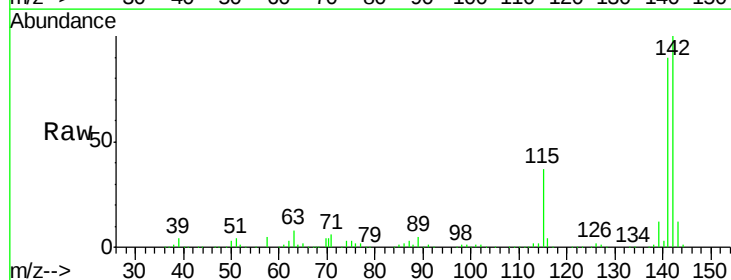
Tgt Ion:142 Resp: 1067988

Ion Ratio Lower Upper

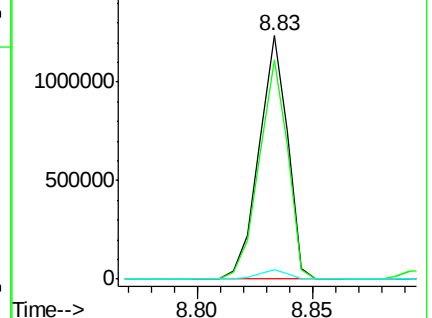
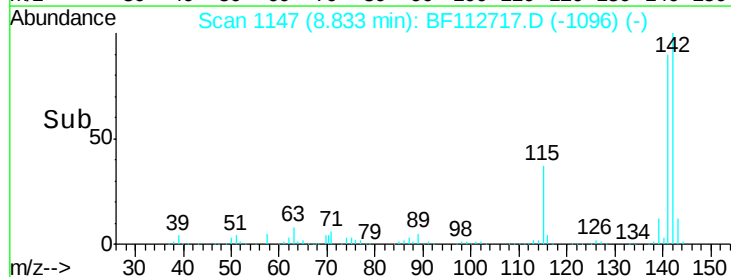
142 100

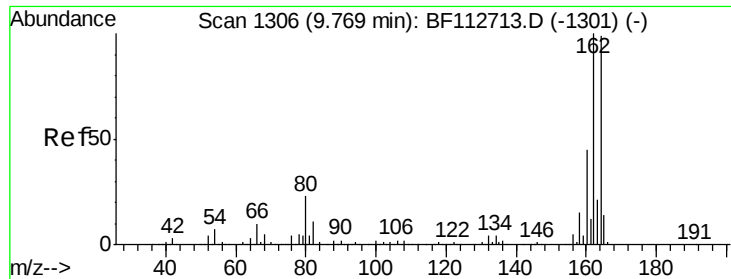
141 90.2 73.7 110.5

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

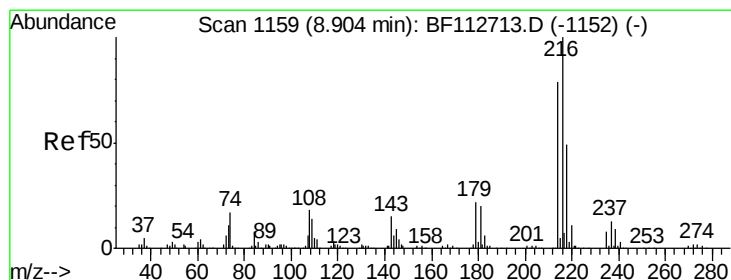
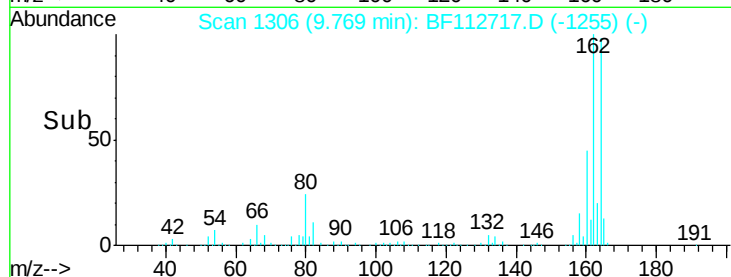
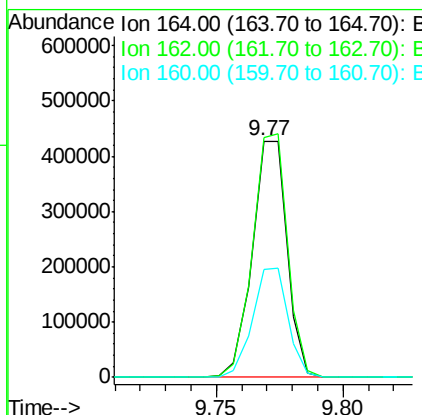
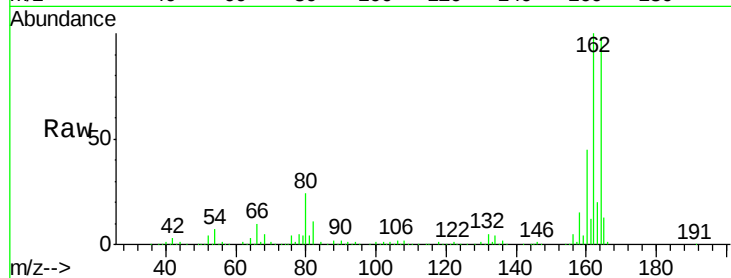




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

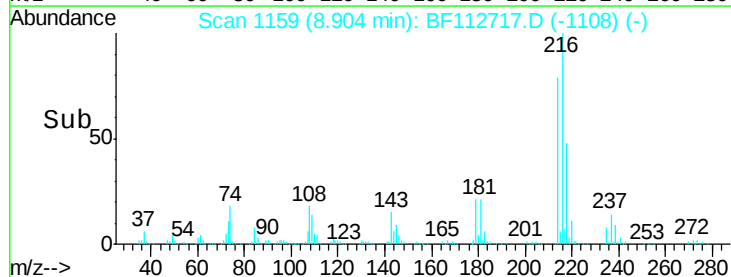
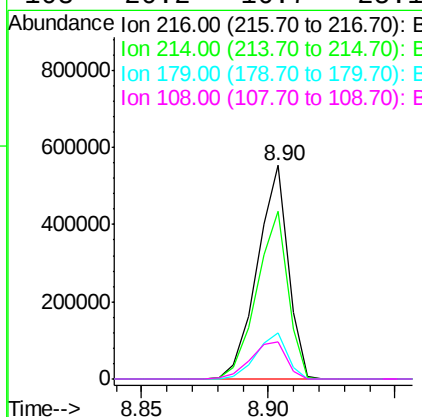
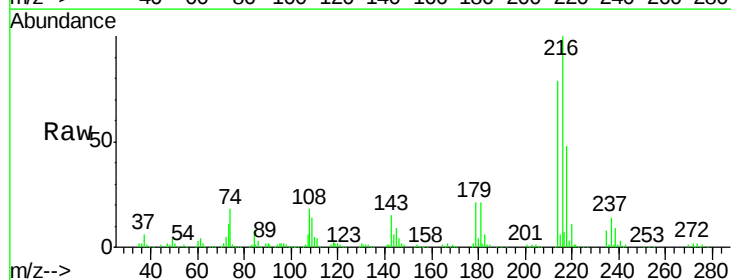
Instrument :
BNA_F
ClientSampleId :
ICVBF022719

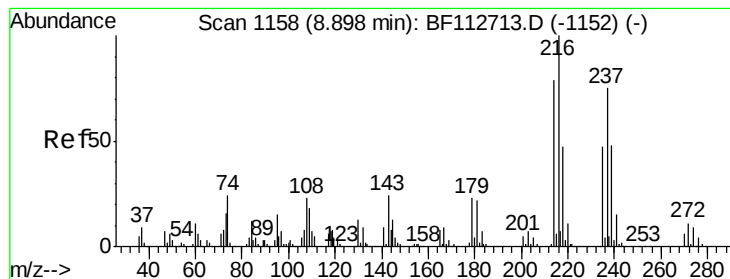
Tgt Ion:164 Resp: 410001
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.7 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.310 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Tgt Ion:216 Resp: 469998
Ion Ratio Lower Upper
216 100
214 79.4 63.2 94.8
179 21.5 17.5 26.3
108 20.2 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 40.642 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

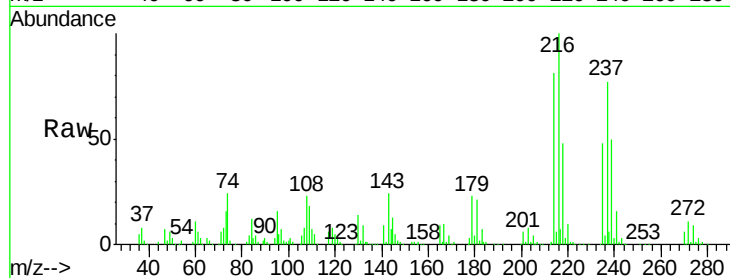
Tgt Ion:237 Resp: 266087

Ion Ratio Lower Upper

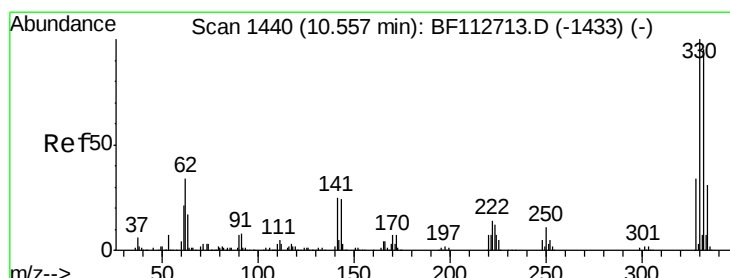
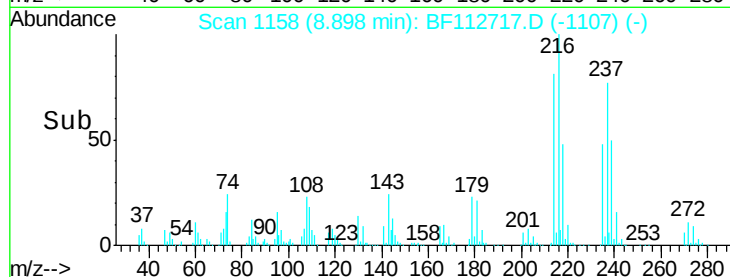
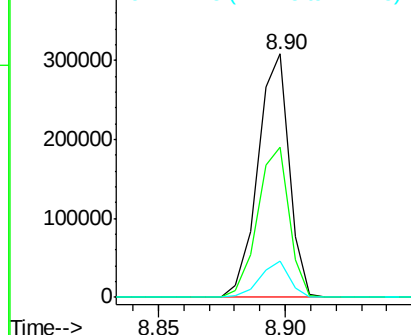
237 100

235 61.9 42.2 82.2

272 14.7 0.0 34.0



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: 81.323 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

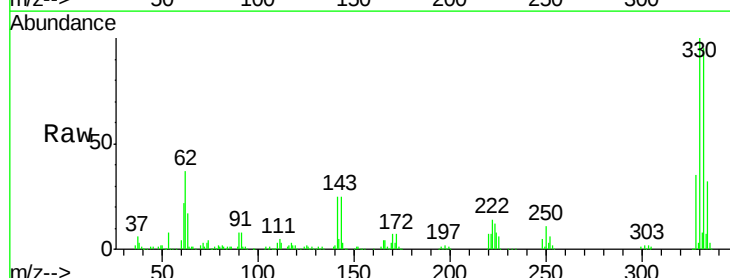
Tgt Ion:330 Resp: 353973

Ion Ratio Lower Upper

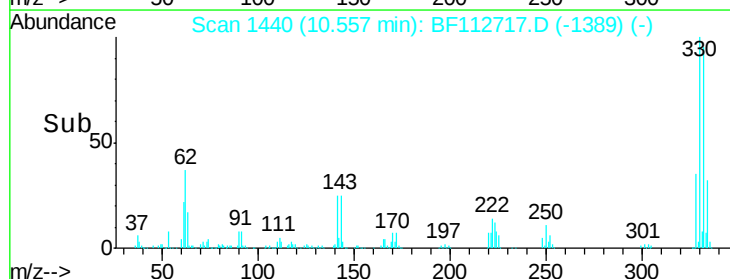
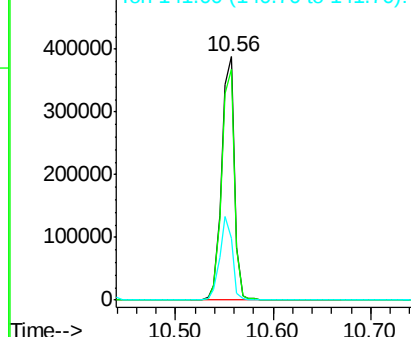
330 100

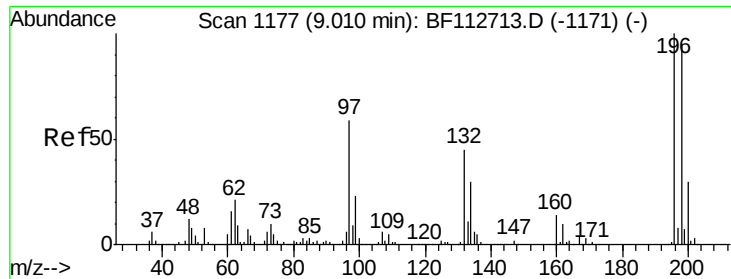
332 95.3 76.2 114.4

141 33.4 27.0 40.6



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

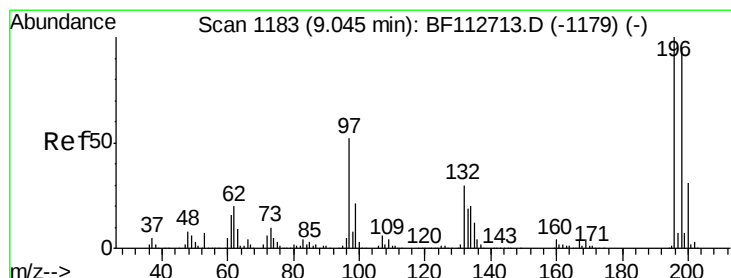
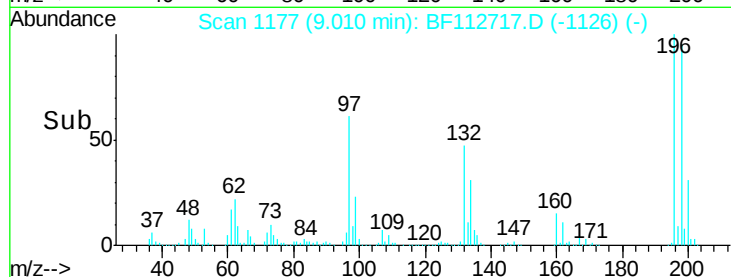
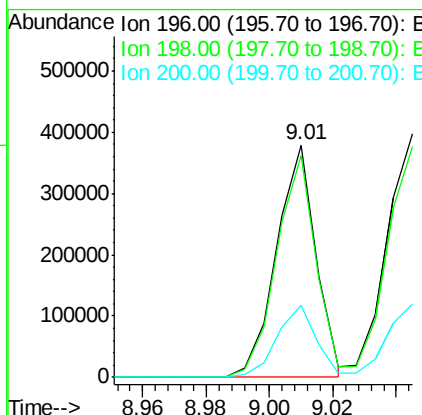
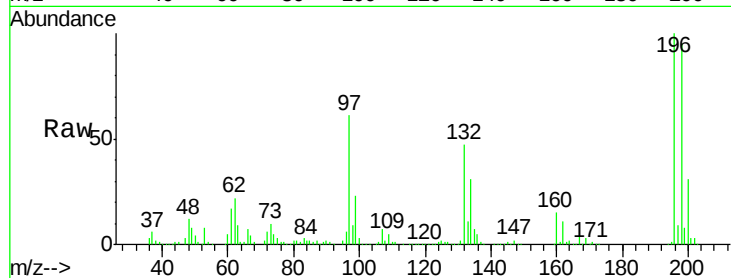




#43
 2,4,6-Trichlorophenol
 Concen: 39.870 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

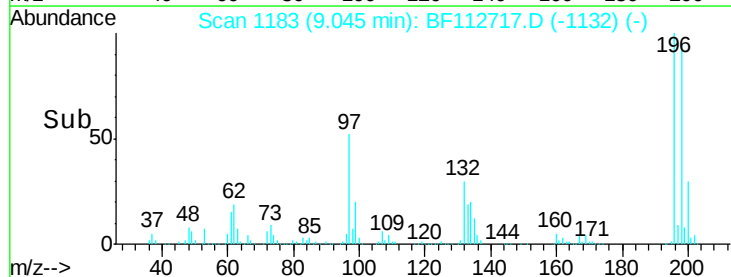
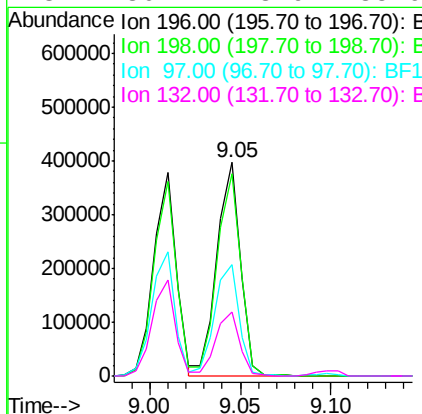
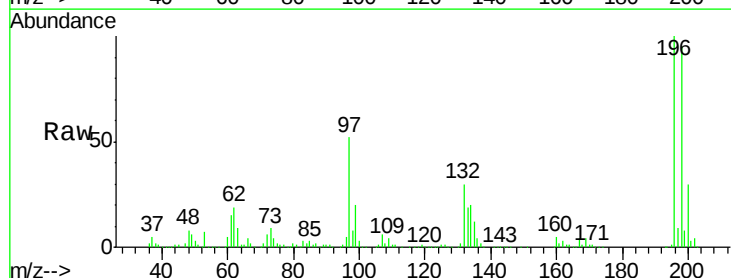
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

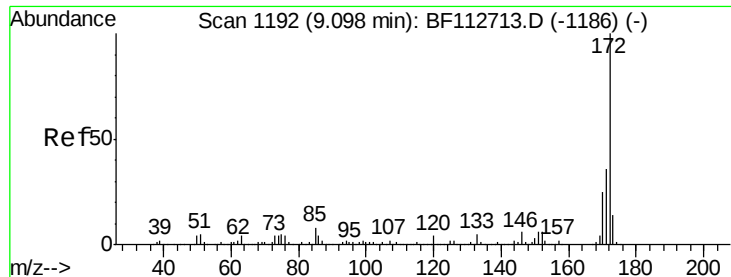
Tgt Ion:196 Resp: 328068
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.8 113.8
 200 31.0 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.326 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion:196 Resp: 358657
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.2
 97 52.1 41.5 62.3
 132 30.2 23.9 35.9

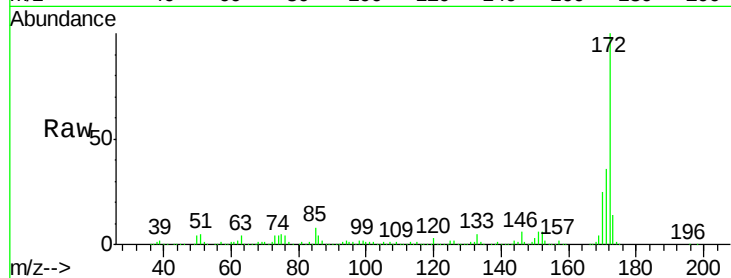




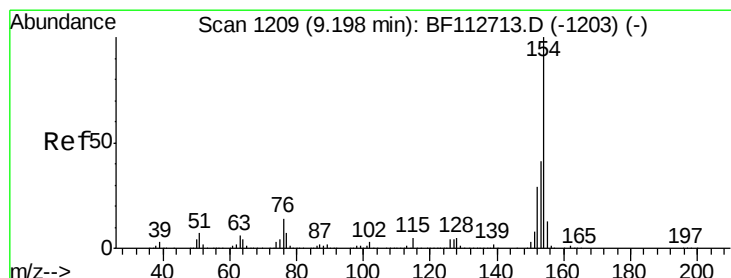
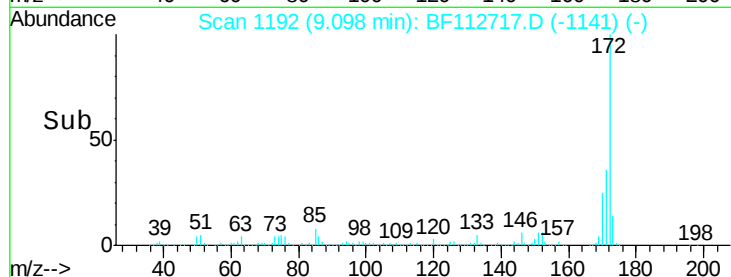
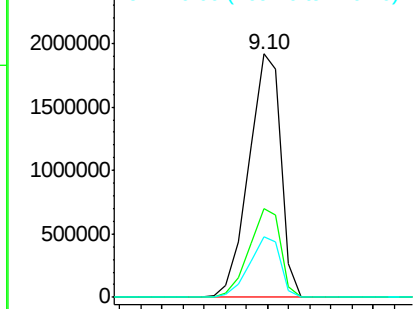
#45
 2-Fluorobiphenyl
 Concen: 80.295 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

Tgt Ion:172 Resp: 2016277
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.7 20.0 30.0

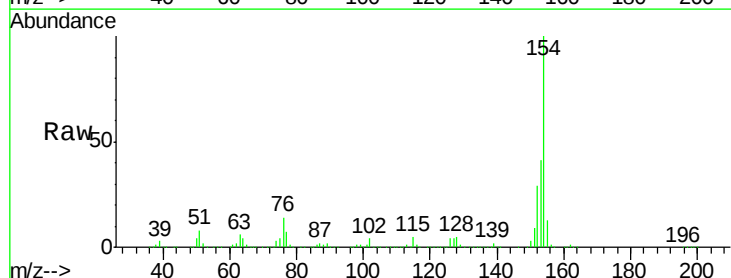


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

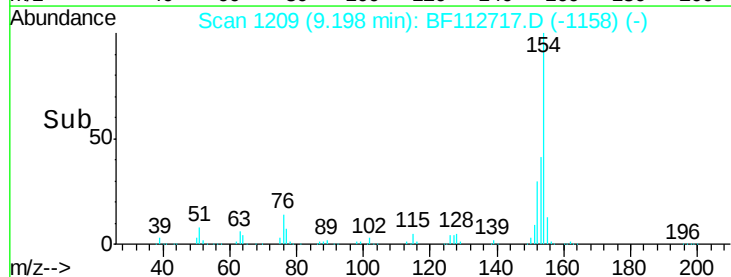
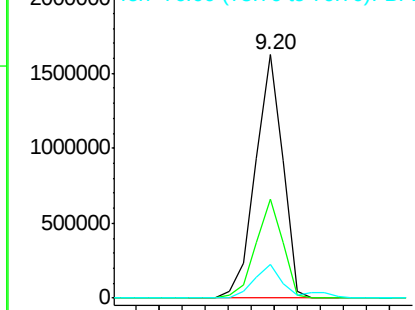


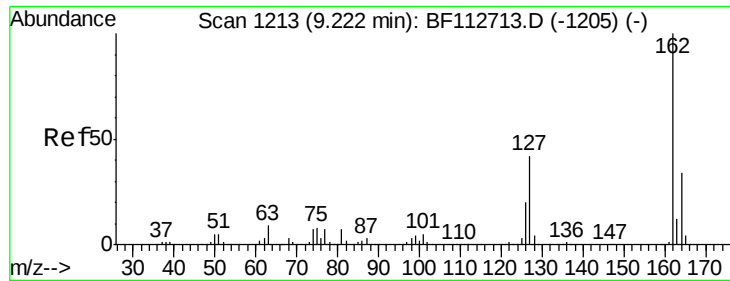
#46
 1,1'-Biphenyl
 Concen: 40.187 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion:154 Resp: 1343931
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.8 60.8
 76 13.8 0.0 33.8



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

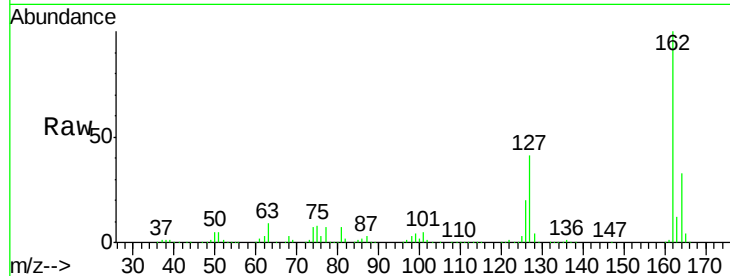




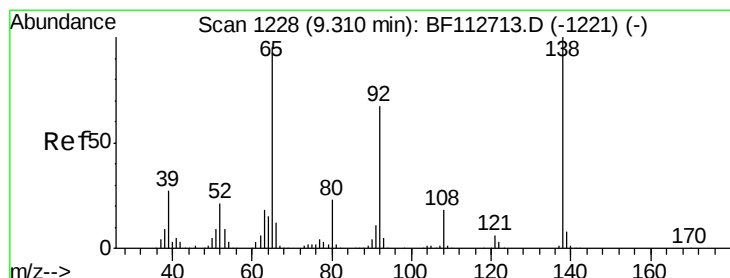
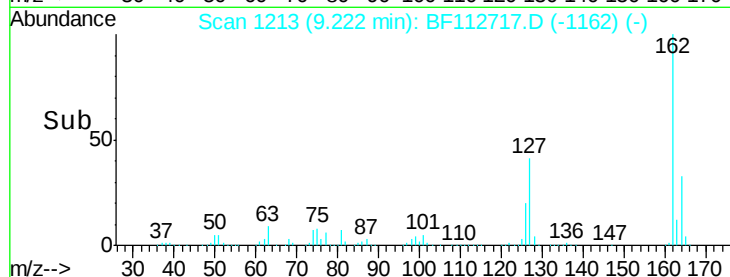
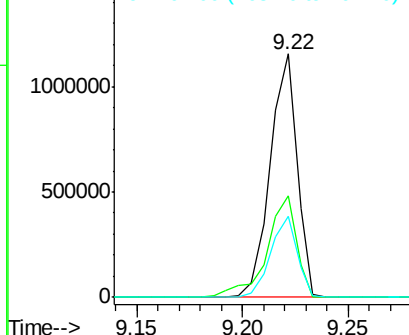
#47
 2-Chloronaphthalene
 Concen: 39.344 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

Tgt Ion: 162 Resp: 1027377
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.4 50.2
 164 33.3 26.9 40.3

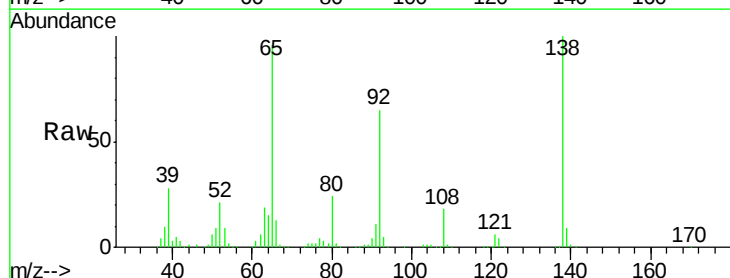


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

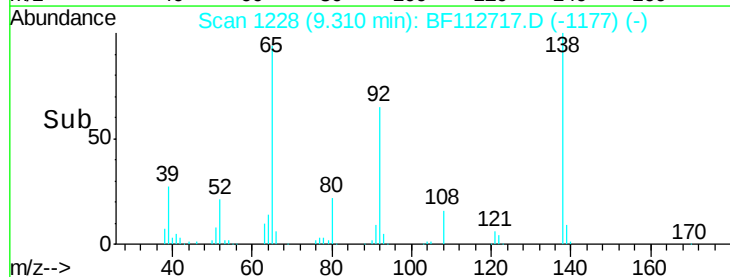
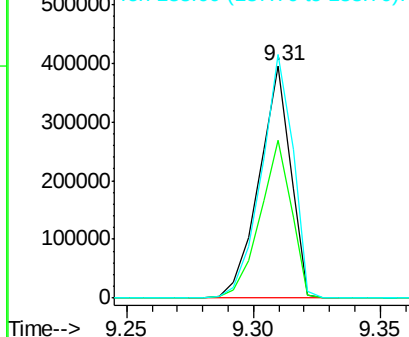


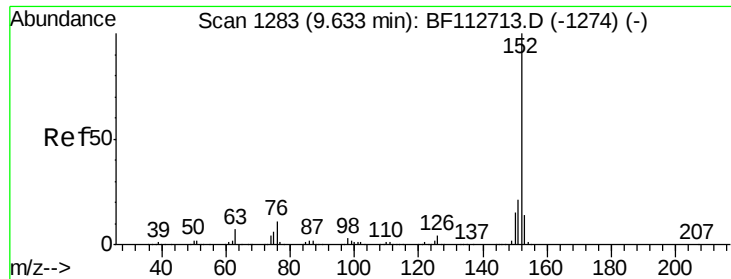
#48
 2-Nitroaniline
 Concen: 43.356 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion: 65 Resp: 344117
 Ion Ratio Lower Upper
 65 100
 92 67.8 56.4 84.6
 138 104.7 84.6 126.8



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: 38.757 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

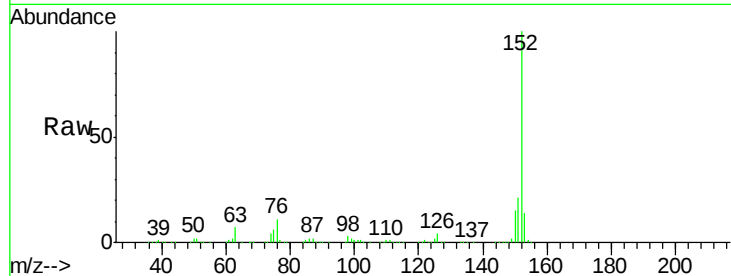
Tgt Ion:152 Resp: 1718121

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

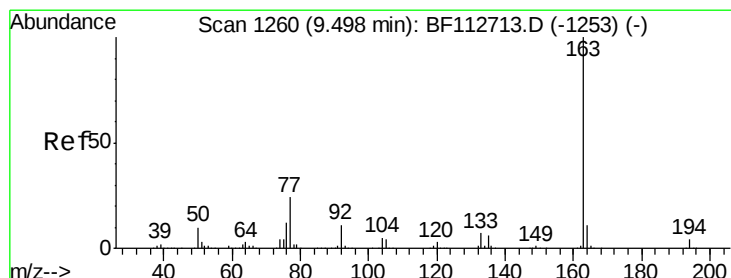
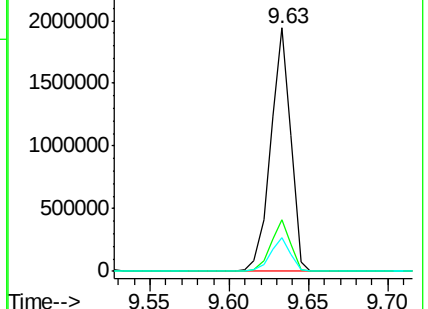
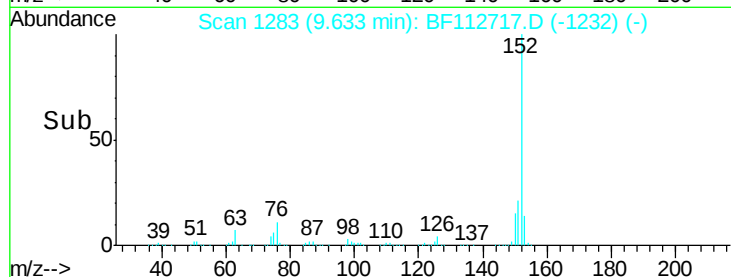
153 13.9 11.0 16.6



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: 39.519 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

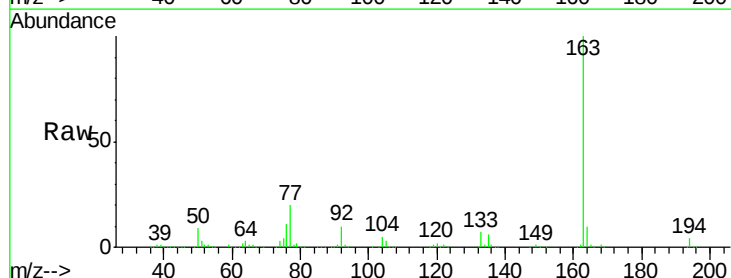
Tgt Ion:163 Resp: 1194720

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

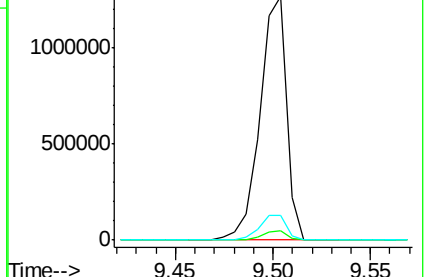
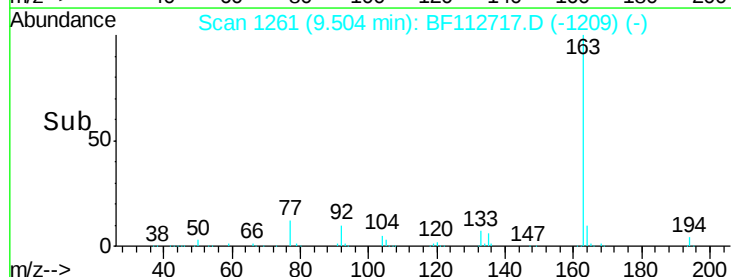
164 10.0 8.4 12.6

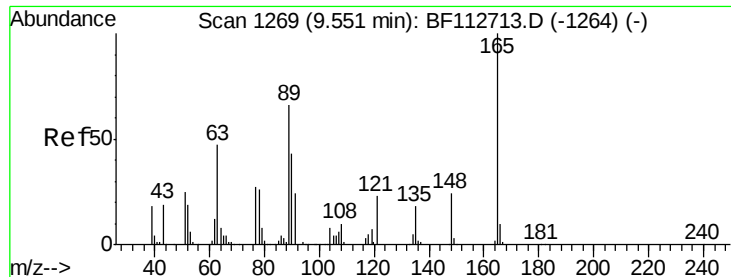


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

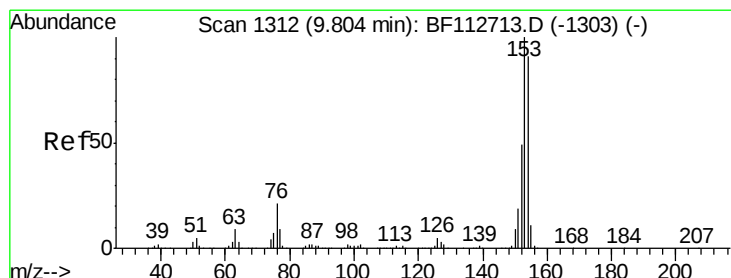
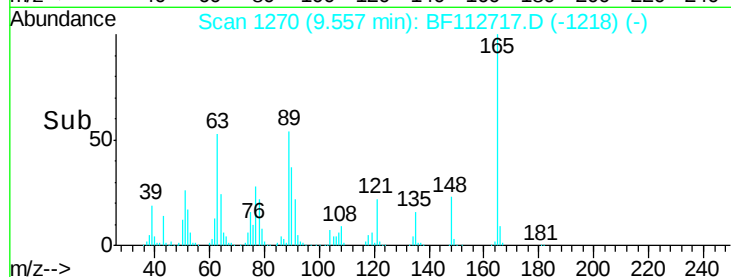
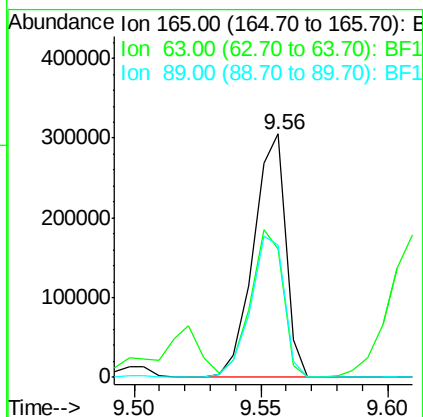
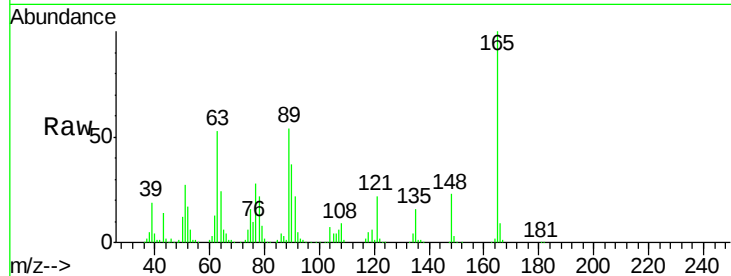




#51
 2,6-Dinitrotoluene
 Concen: 43.253 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

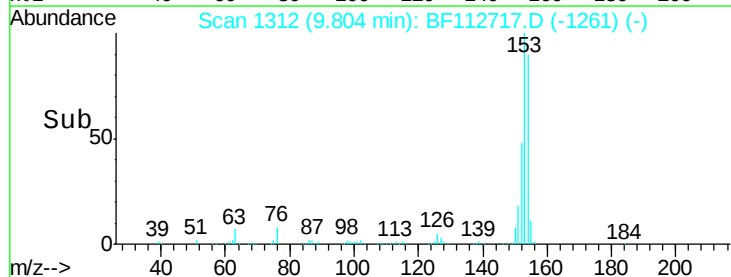
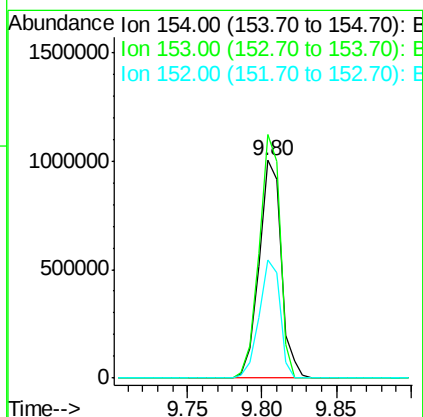
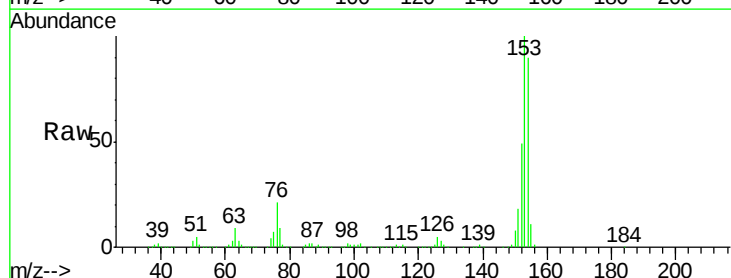
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

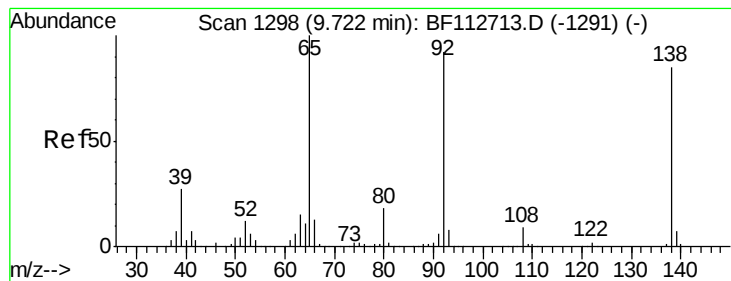
Tgt Ion:165 Resp: 272294
 Ion Ratio Lower Upper
 165 100
 63 52.6 54.1 81.1#
 89 54.4 52.8 79.2



#52
 Acenaphthene
 Concen: 39.216 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion:154 Resp: 1016631
 Ion Ratio Lower Upper
 154 100
 153 111.7 87.8 131.8
 152 54.3 43.0 64.6





#53

3-Nitroaniline

Concen: 41.337 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

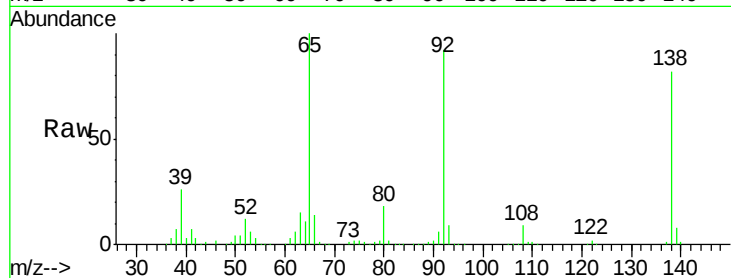
Tgt Ion:138 Resp: 317098

Ion Ratio Lower Upper

138 100

108 10.5 8.6 13.0

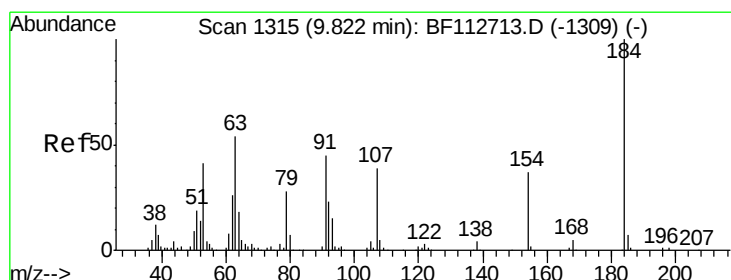
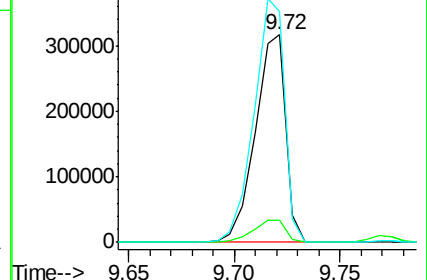
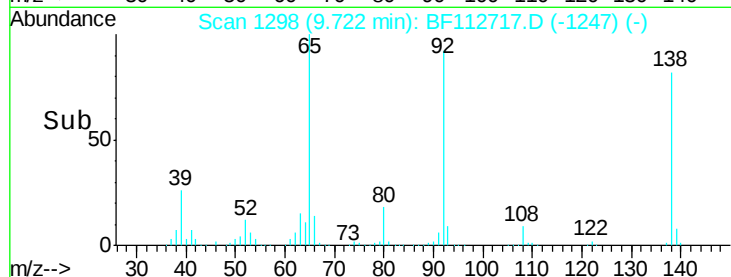
92 111.2 86.6 129.8



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: 40.935 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

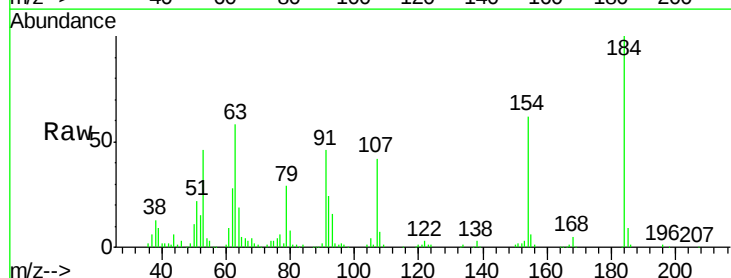
Tgt Ion:184 Resp: 96586

Ion Ratio Lower Upper

184 100

63 58.3 45.3 67.9

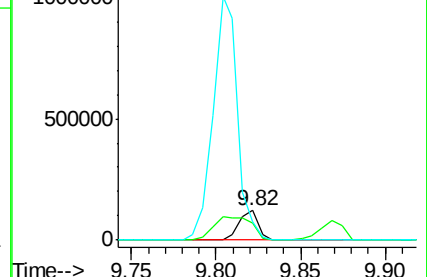
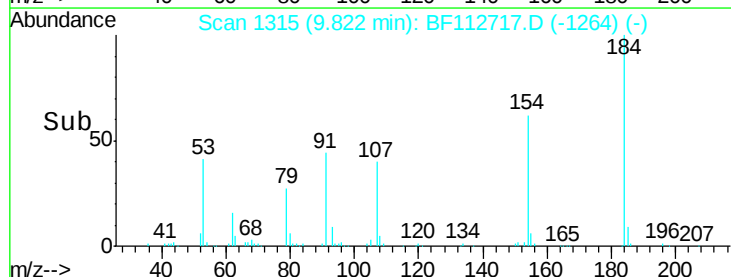
154 62.1 46.0 69.0

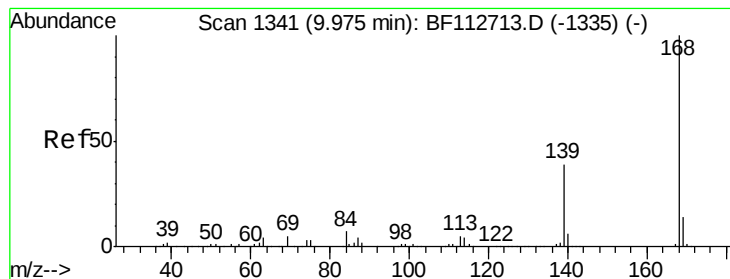


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 38.570 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

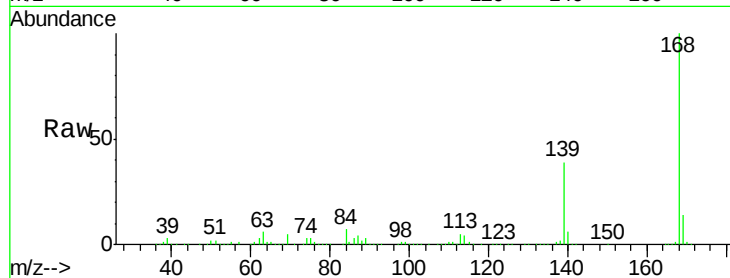
Tgt Ion:168 Resp: 1453232

Ion Ratio Lower Upper

168 100

139 39.0 31.3 46.9

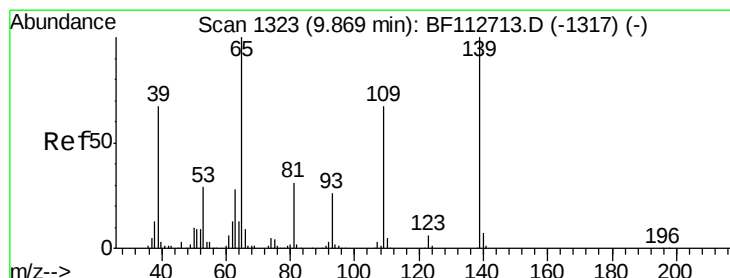
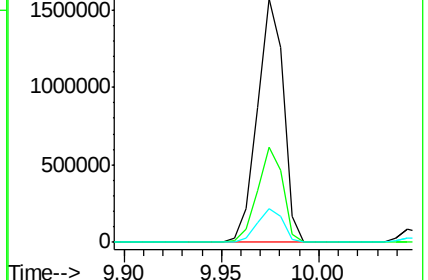
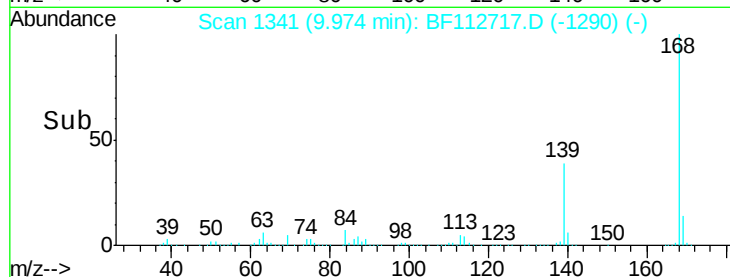
169 14.0 11.3 16.9



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: 43.577 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

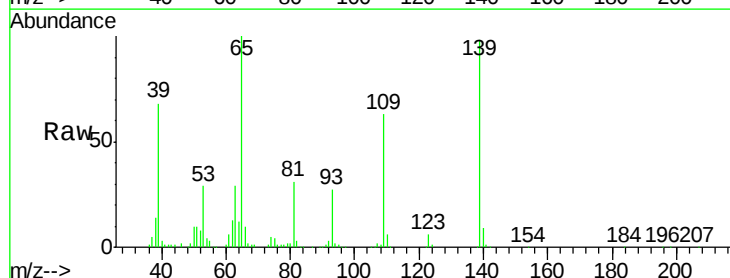
Tgt Ion:139 Resp: 271676

Ion Ratio Lower Upper

139 100

109 64.8 46.8 86.8

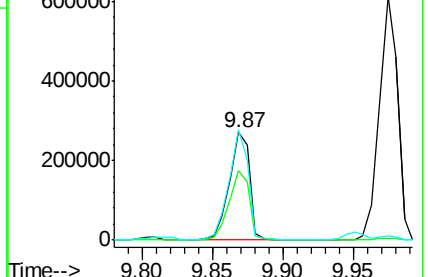
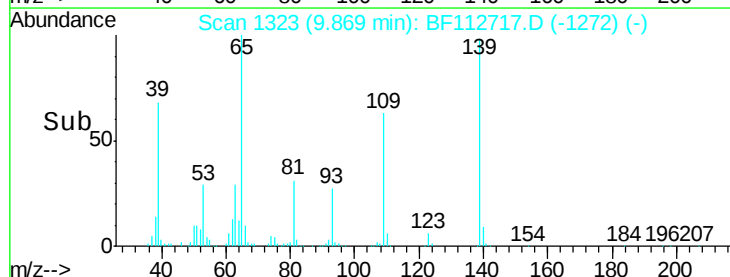
65 102.4 80.7 120.7

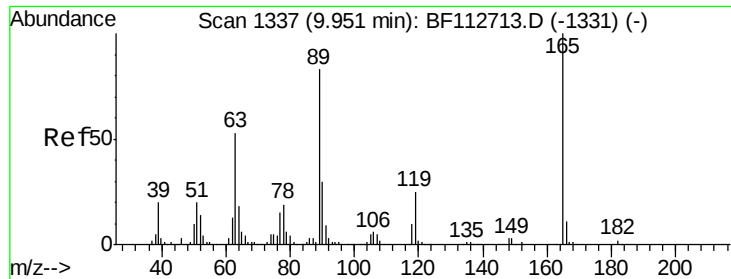


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

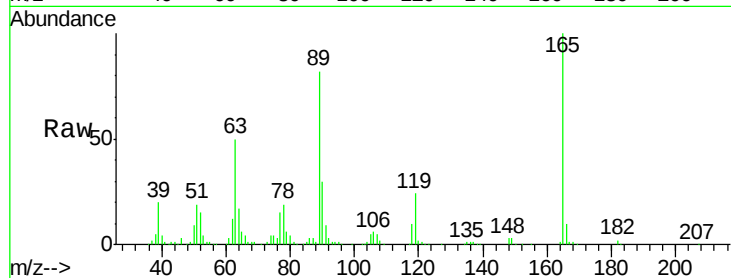




#57
2,4-Dinitrotoluene
Concen: 45.090 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Instrument :
BNA_F
ClientSampleId :
ICVBF022719

Tgt Ion:	165	Resp:	352847
Ion	Ratio	Lower	Upper
165	100		
63	49.9	42.2	63.2
89	82.0	66.2	99.4
182	2.5	1.8	2.6

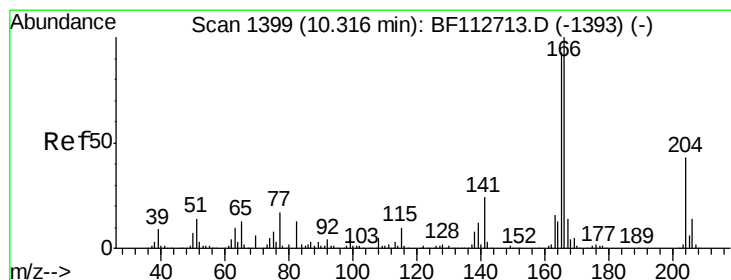
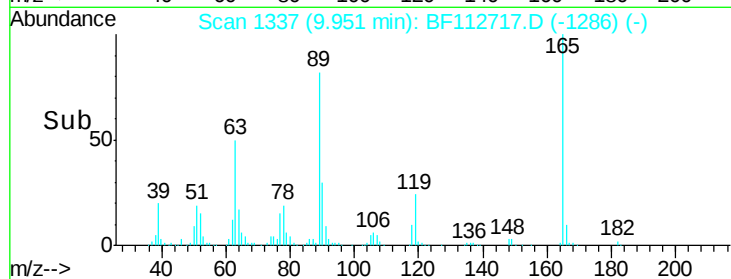
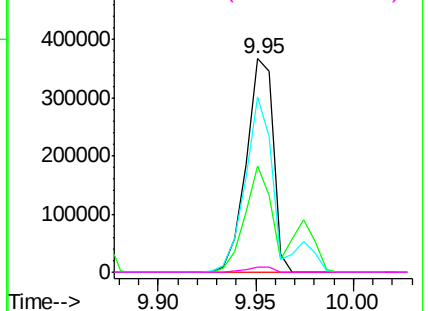


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

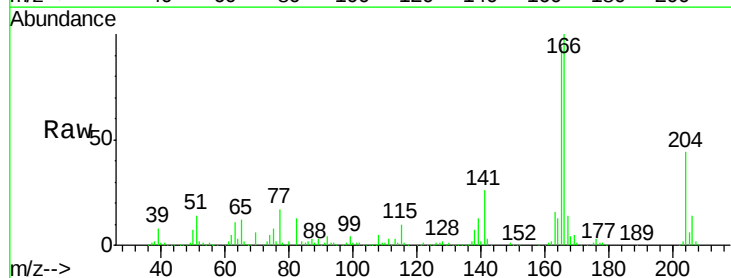
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.531 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

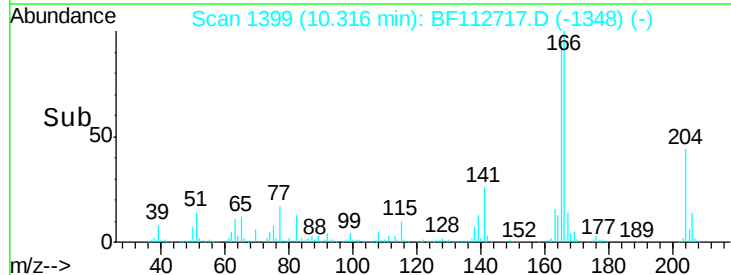
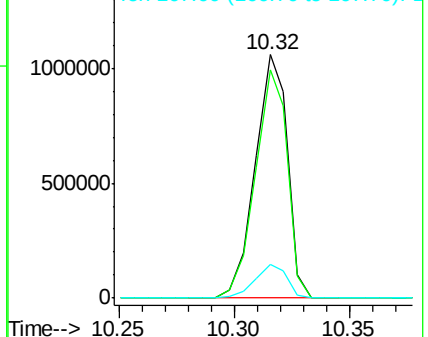
Tgt Ion:	166	Resp:	1030383
Ion	Ratio	Lower	Upper
166	100		
165	93.8	74.7	112.1
167	13.6	11.0	16.6

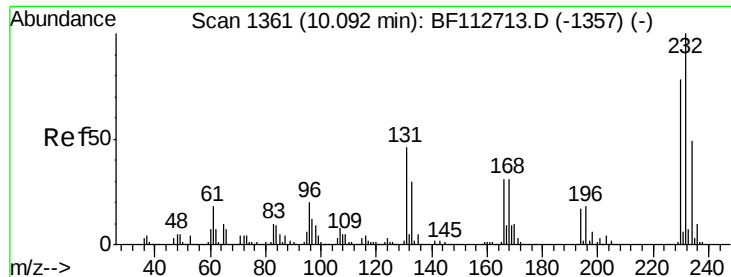


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

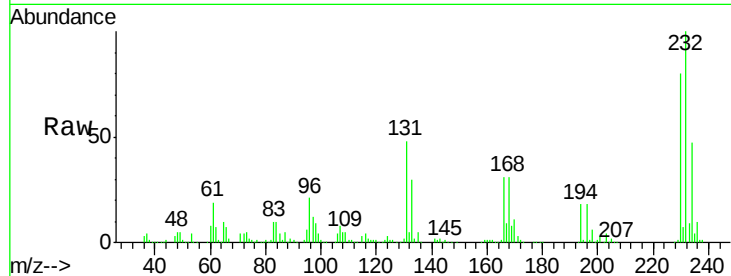




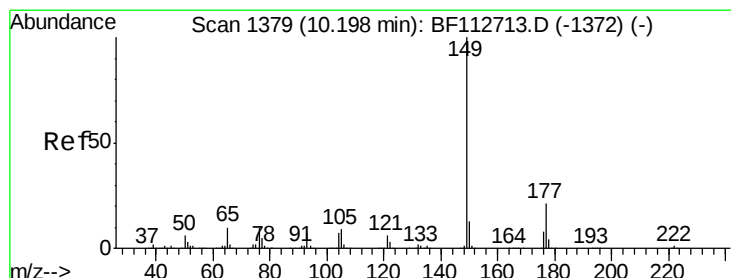
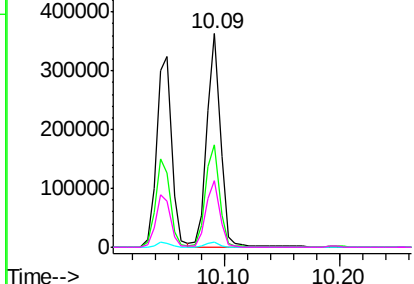
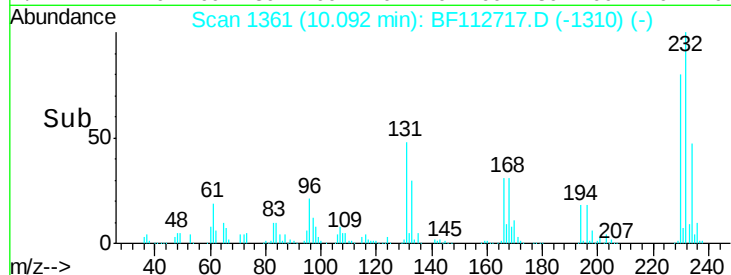
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.707 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

Tgt Ion: 232 Resp: 301642
 Ion Ratio Lower Upper
 232 100
 131 48.8 38.7 58.1
 130 2.3 1.9 2.9
 166 32.0 25.2 37.8

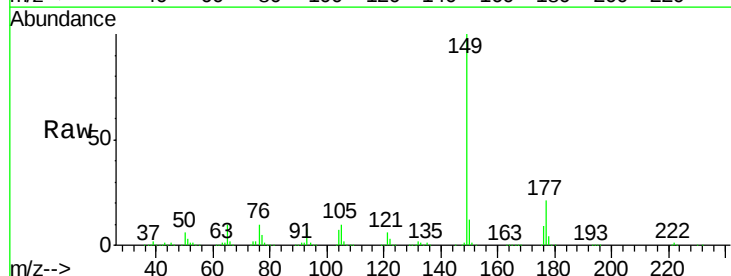


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

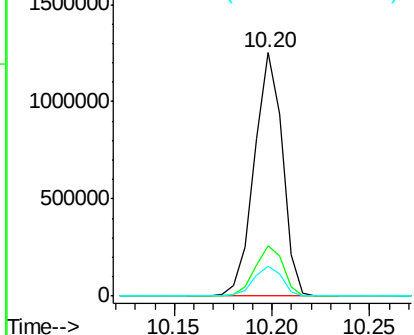
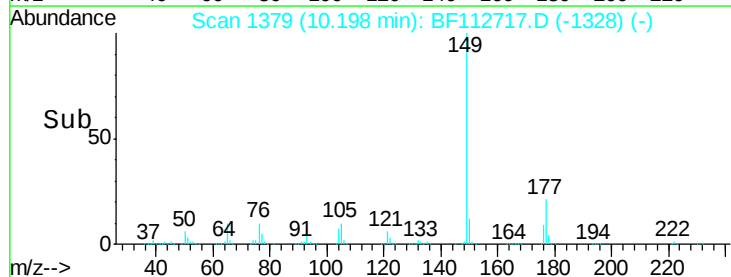


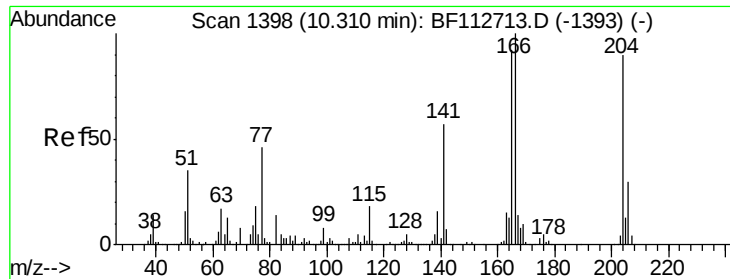
#60
 Diethylphthalate
 Concen: 39.208 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion: 149 Resp: 1251882
 Ion Ratio Lower Upper
 149 100
 177 20.9 17.0 25.6
 150 12.5 10.0 15.0



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

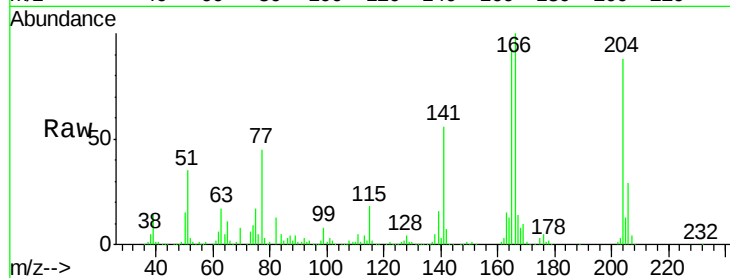




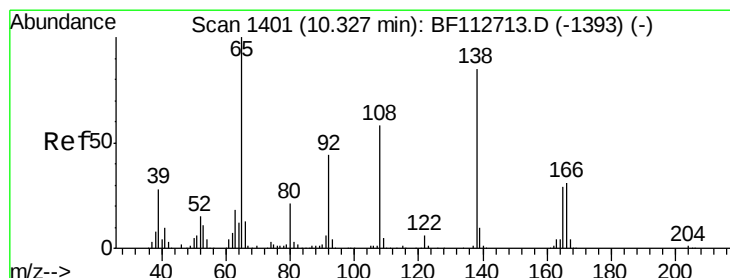
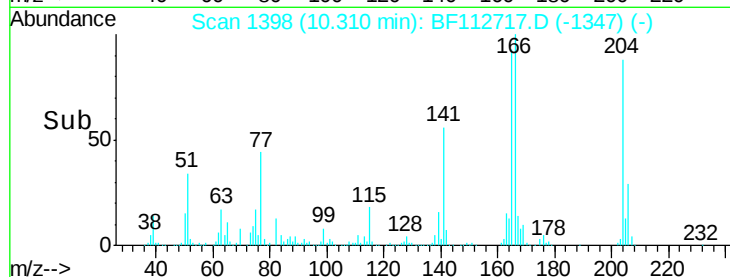
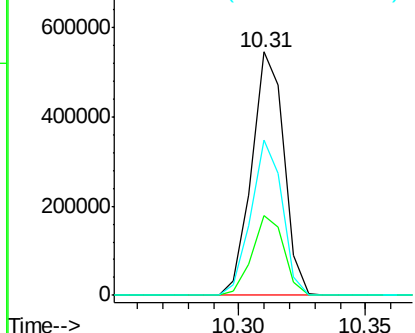
#61
 4-Chlorophenyl-phenylether
 Concen: 38.748 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

Tgt Ion: 204 Resp: 482103
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 40.0
 141 63.9 50.8 76.2

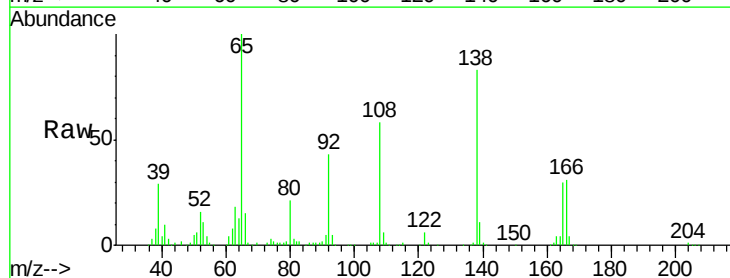


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

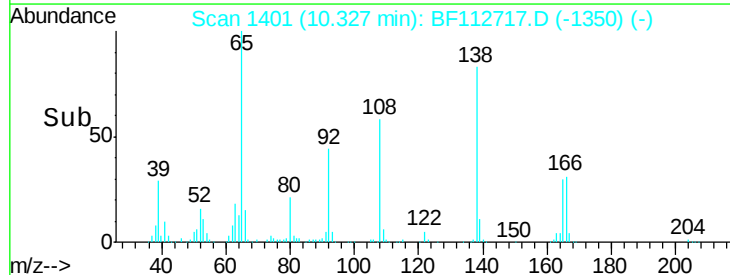
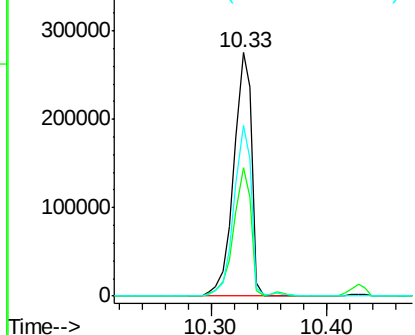


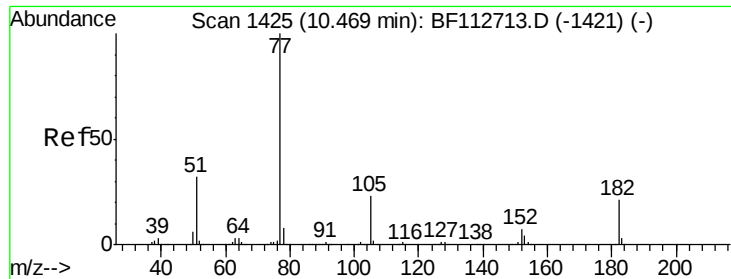
#62
 4-Nitroaniline
 Concen: 41.668 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion: 138 Resp: 295361
 Ion Ratio Lower Upper
 138 100
 92 52.6 31.3 71.3
 108 70.1 48.1 88.1



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: 38.784 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

Tgt Ion: 77 Resp: 1268374

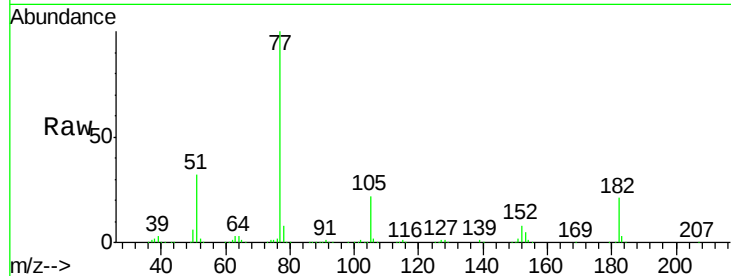
Ion Ratio Lower Upper

77 100

182 21.0 1.4 41.4

105 22.5 2.6 42.6

51 31.6 12.0 52.0

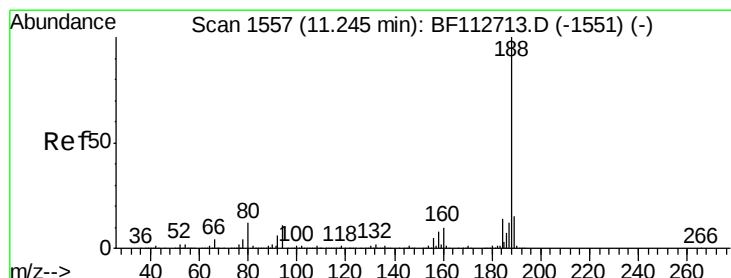
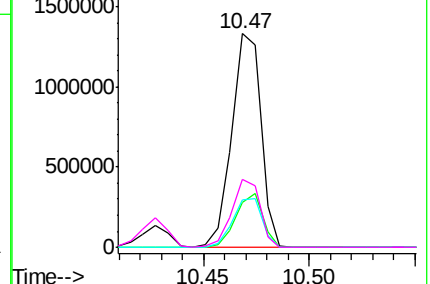
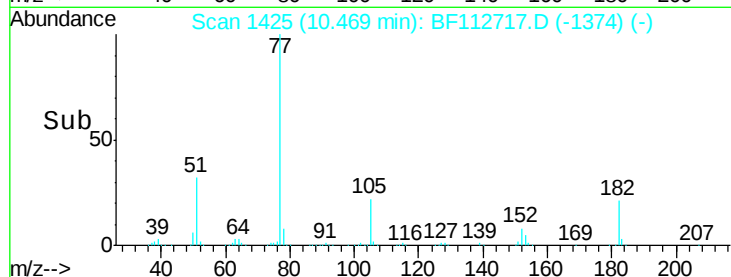


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

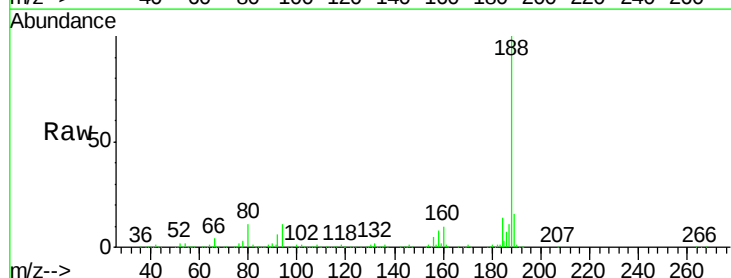
Tgt Ion: 188 Resp: 797394

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

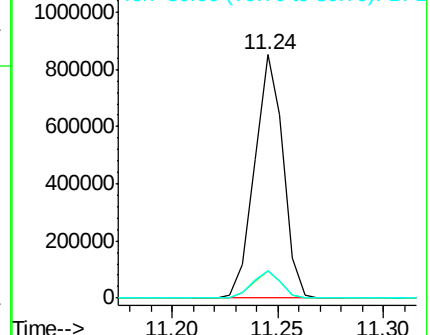
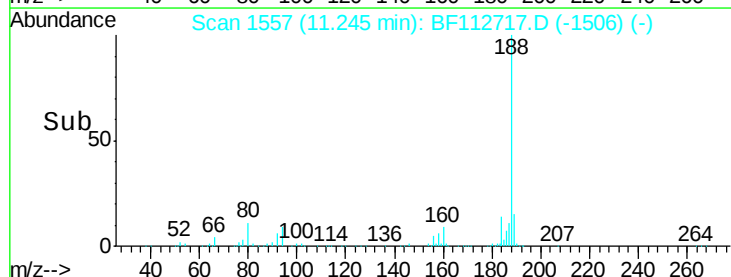
80 11.4 9.2 13.8

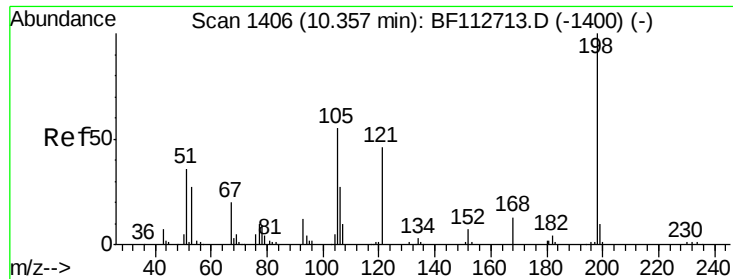


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

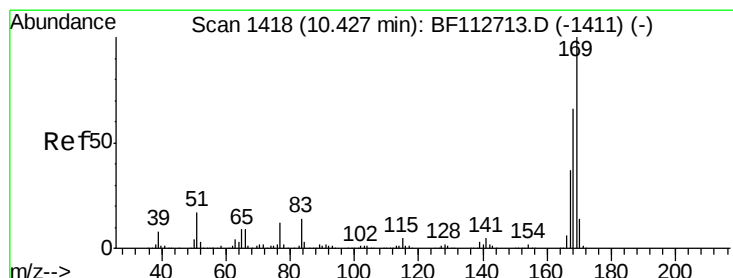
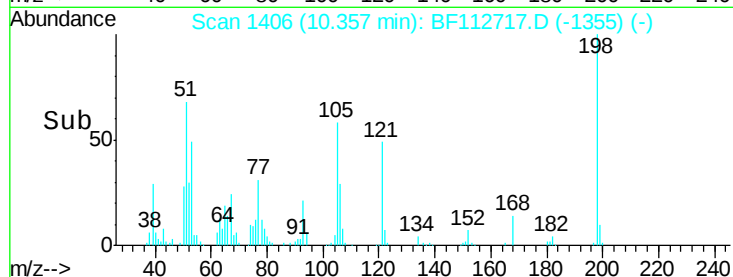
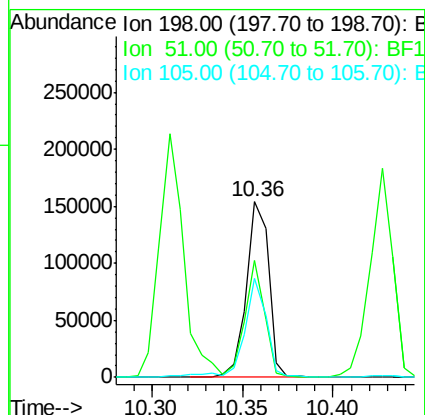
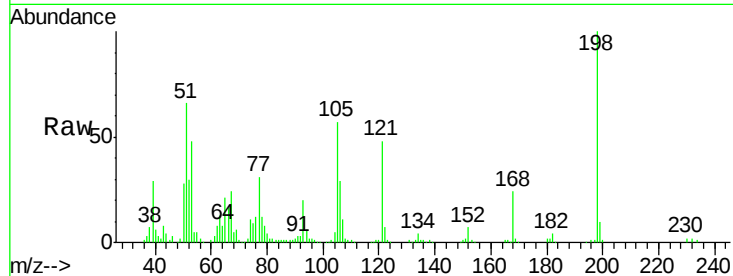




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.956 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

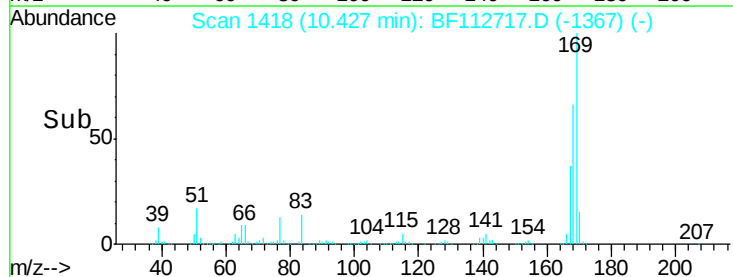
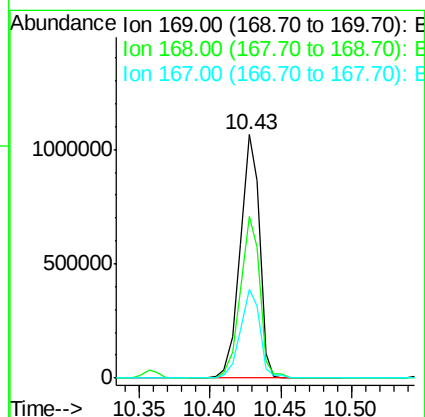
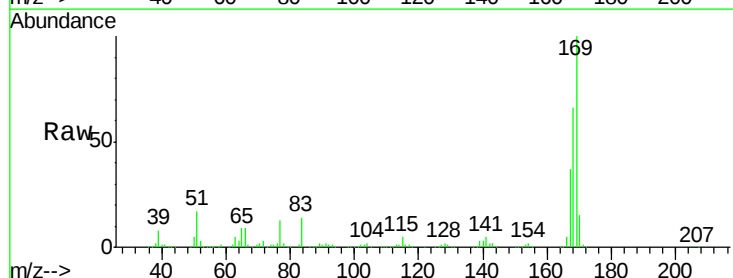
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

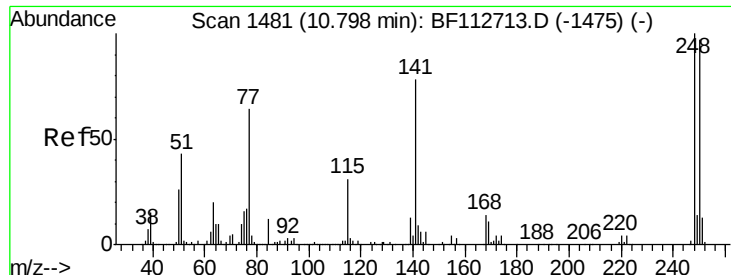
Tgt Ion:198 Resp: 131733
 Ion Ratio Lower Upper
 198 100
 51 66.4 43.8 83.8
 105 56.7 36.5 76.5



#66
 n-Nitrosodiphenylamine
 Concen: 39.468 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion:169 Resp: 1009327
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.0 79.6
 167 36.6 29.3 43.9

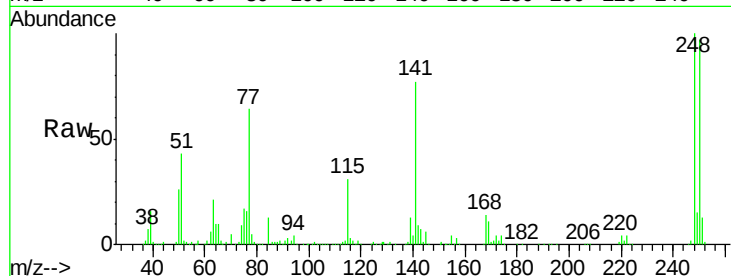




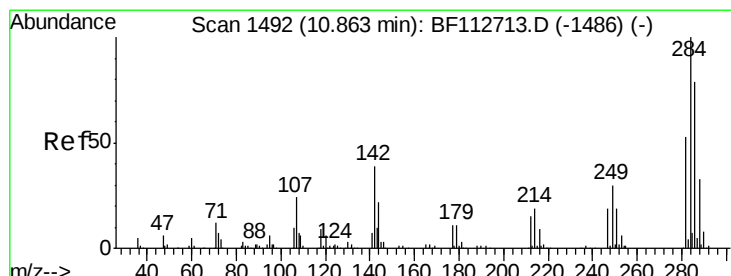
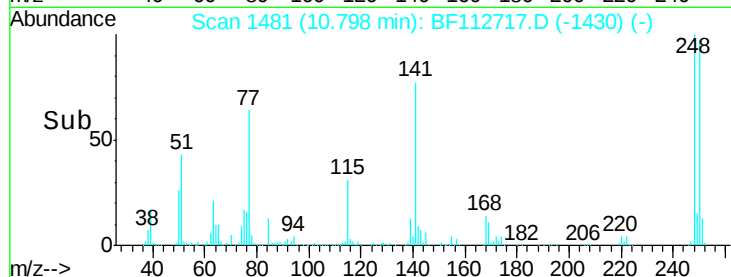
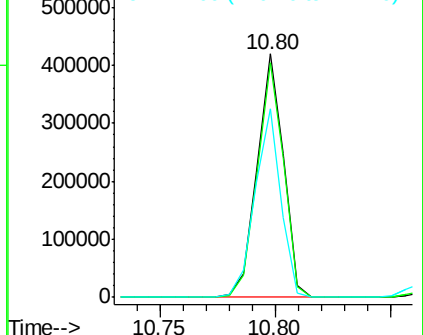
#67
 4-Bromophenyl-phenylether
 Concen: 39.831 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

Tgt Ion:248 Resp: 334534
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.5 116.3
 141 77.3 62.4 93.6

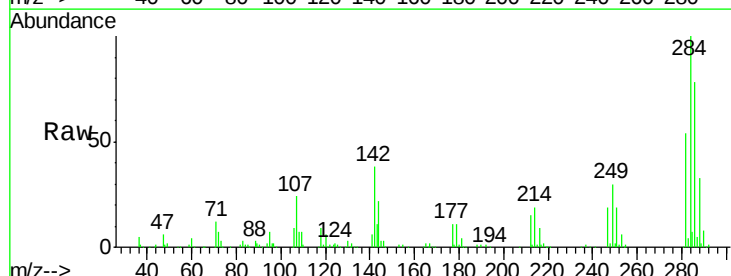


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

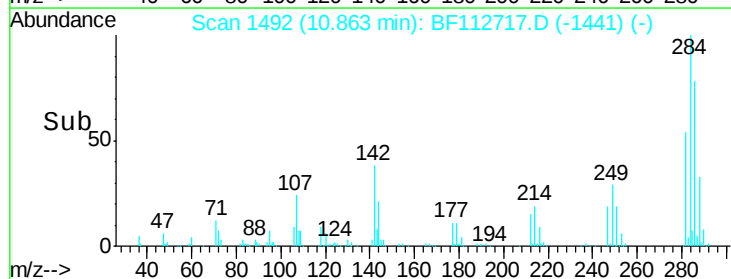
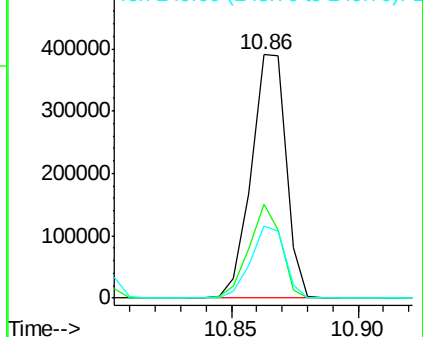


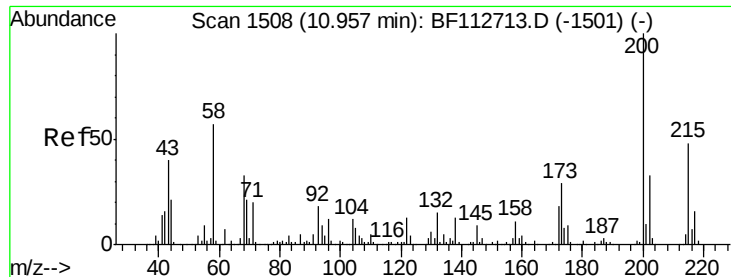
#68
 Hexachlorobenzene
 Concen: 39.664 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion:284 Resp: 375532
 Ion Ratio Lower Upper
 284 100
 142 38.5 31.0 46.6
 249 29.6 23.6 35.4



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

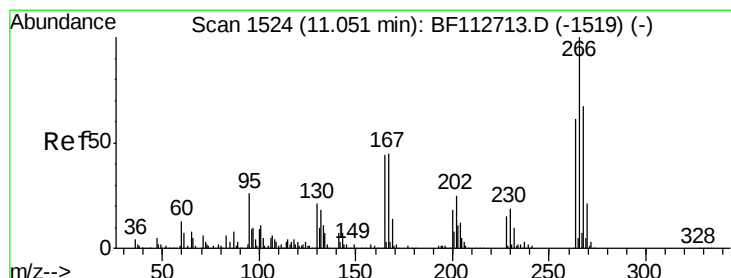
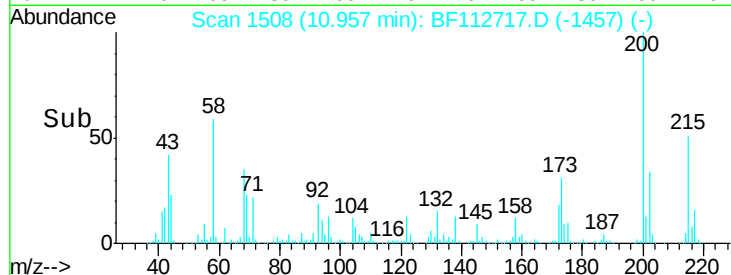
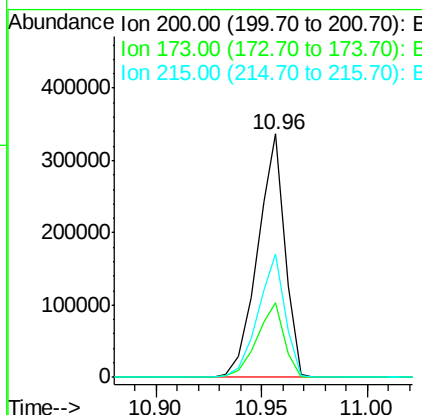
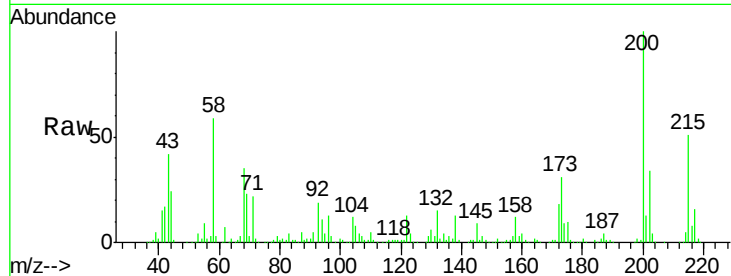




#69
Atrazine
Concen: 38.598 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

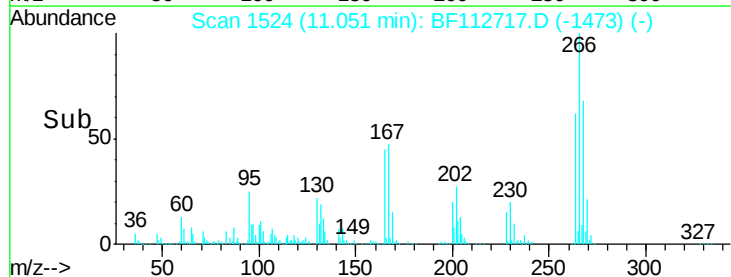
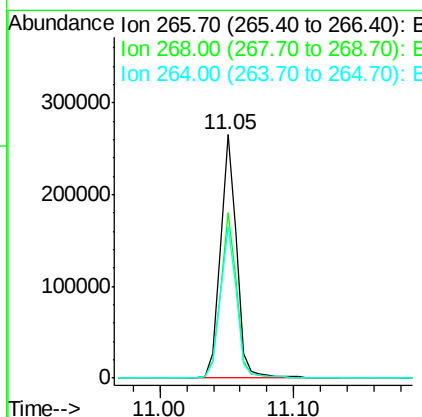
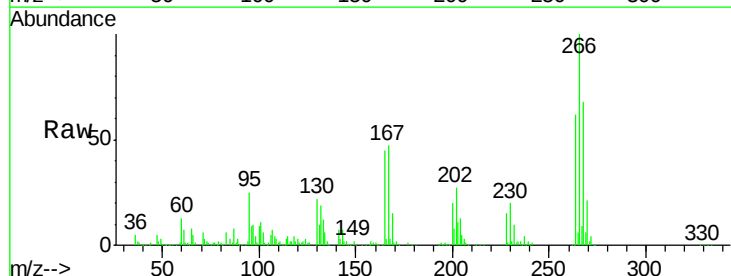
Instrument :
BNA_F
ClientSampleId :
ICVBF022719

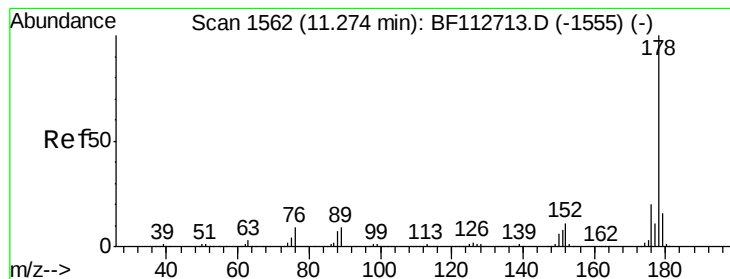
Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.6	9.1	49.1
215	50.5	28.2	68.2



#70
Pentachlorophenol
Concen: 41.163 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.1	53.3	79.9
264	62.4	48.9	73.3





#71

Phenanthrene

Concen: 39.890 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

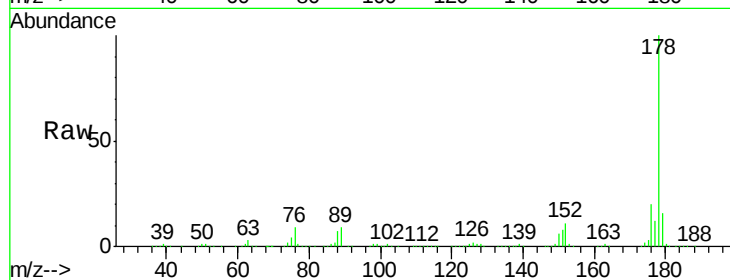
Tgt Ion:178 Resp: 1582581

Ion Ratio Lower Upper

178 100

176 20.3 16.3 24.5

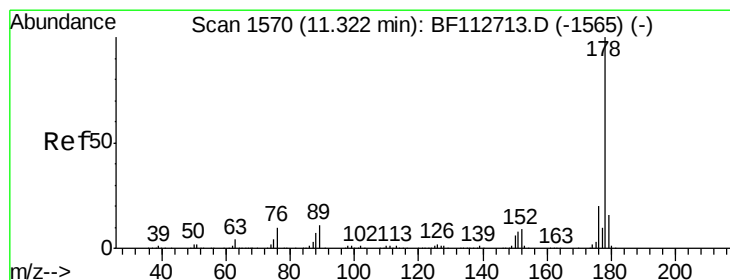
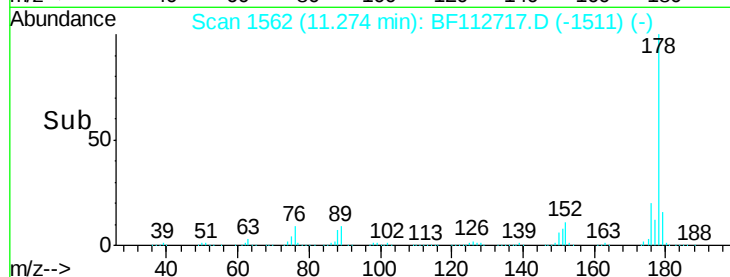
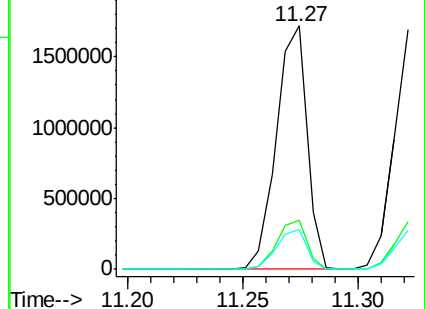
179 16.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.761 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

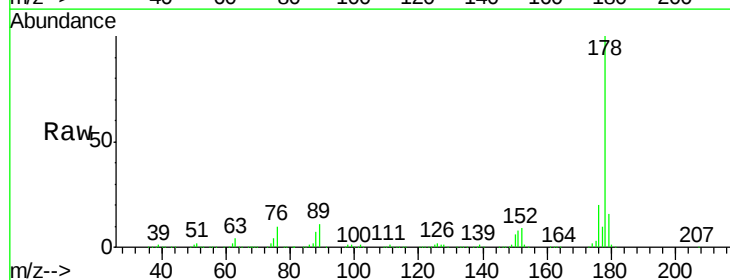
Tgt Ion:178 Resp: 1609721

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

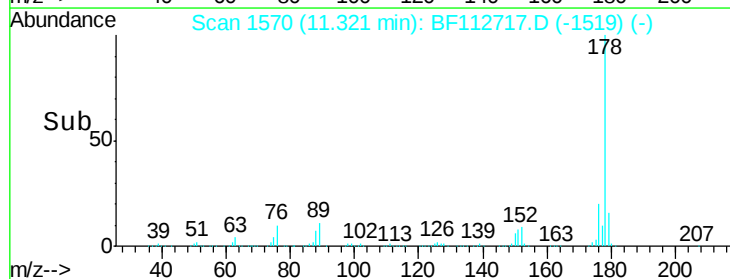
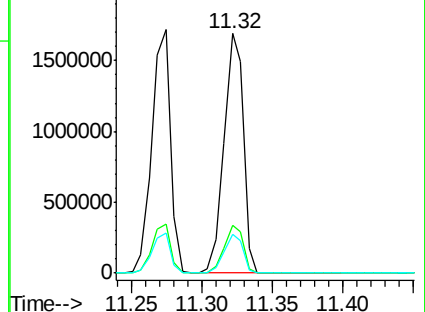
179 16.2 13.0 19.6

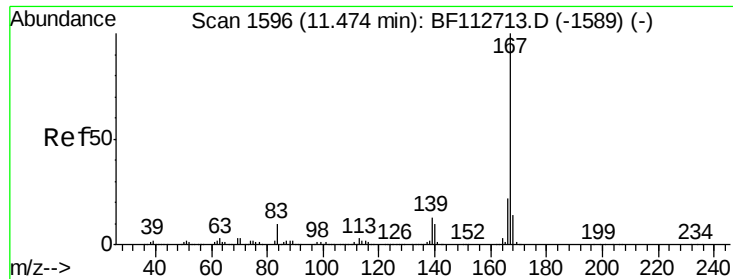


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

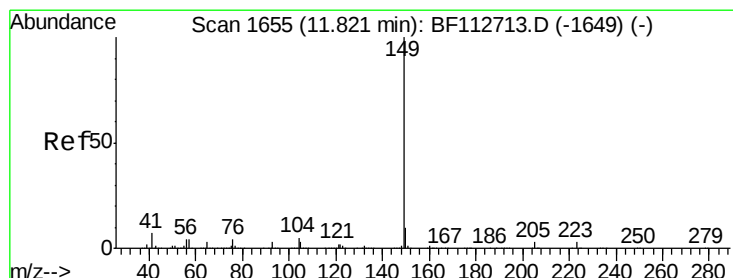
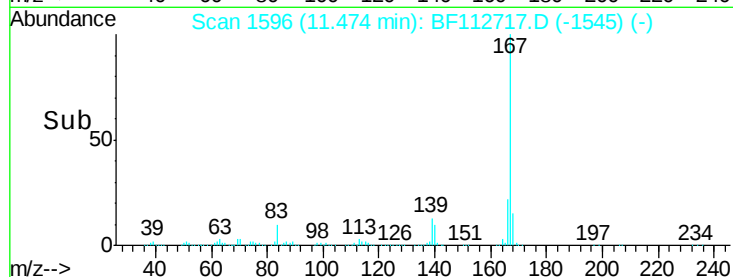
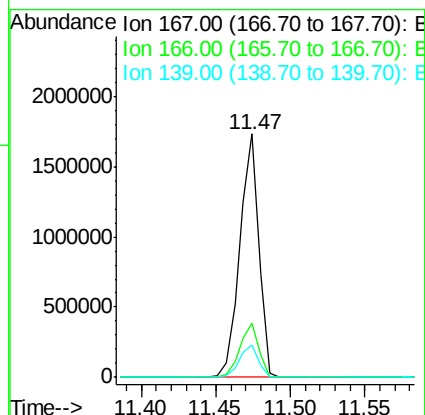
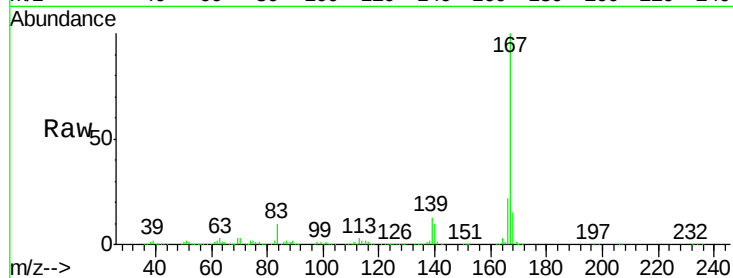




#73
 Carbazole
 Concen: 38.179 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

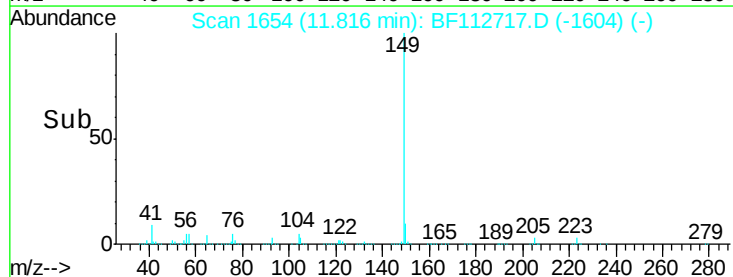
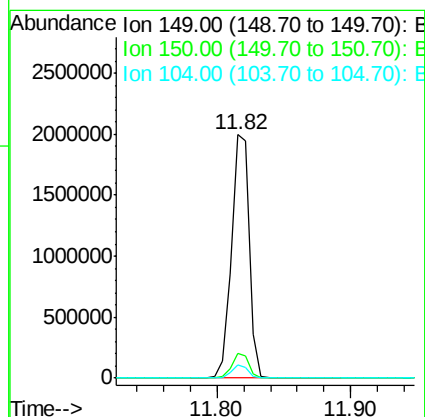
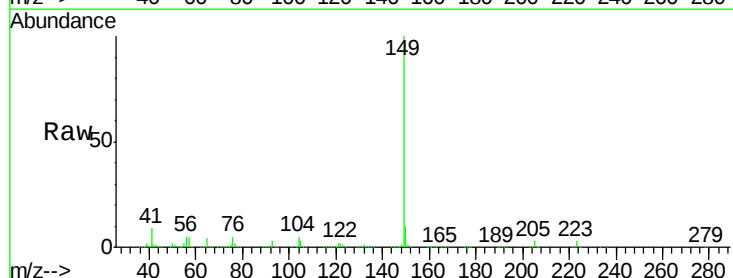
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

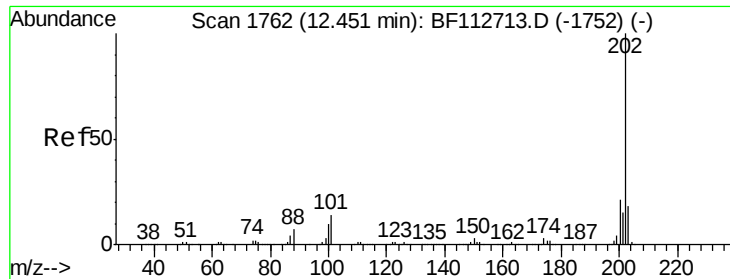
Tgt Ion:167 Resp: 1546738
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.5 26.3
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 38.801 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion:149 Resp: 1884810
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 5.2 3.7 5.5





#75

Fluoranthene

Concen: 39.986 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

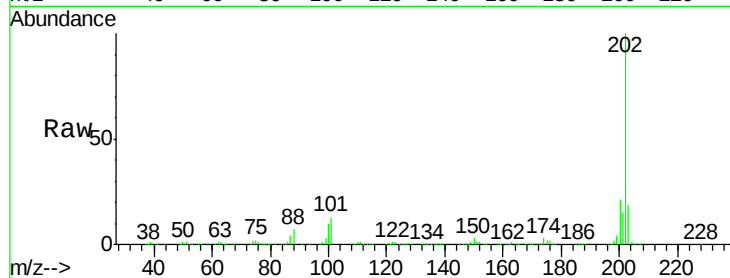
Tgt Ion:202 Resp: 1699618

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.8

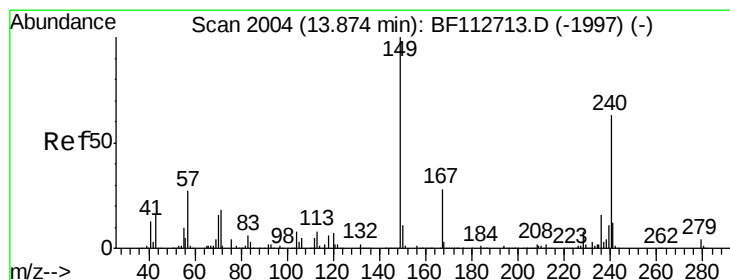
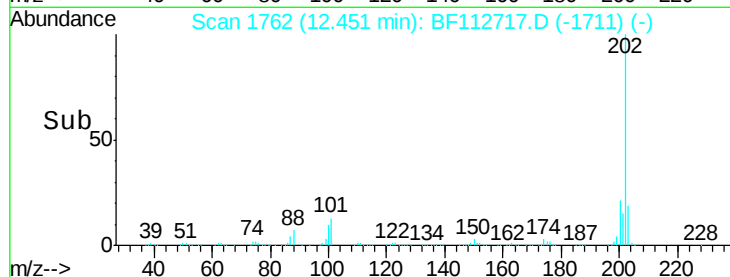
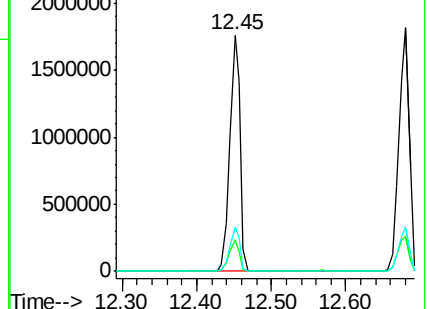
203 18.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

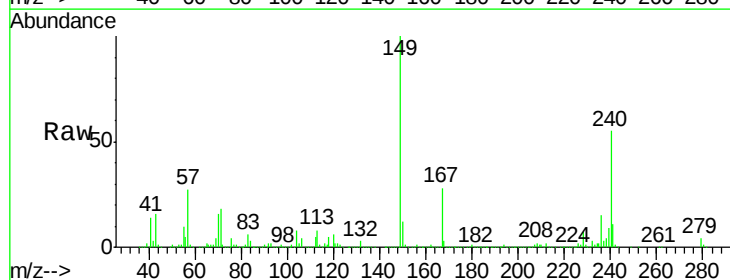
Tgt Ion:240 Resp: 498823

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

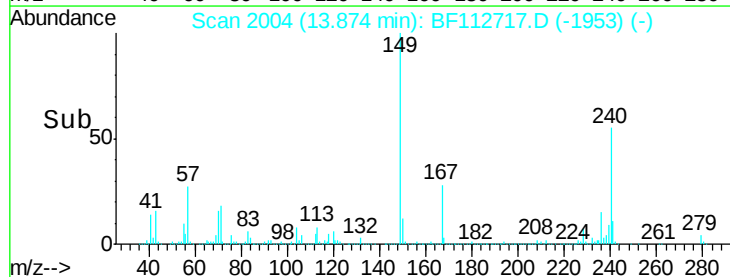
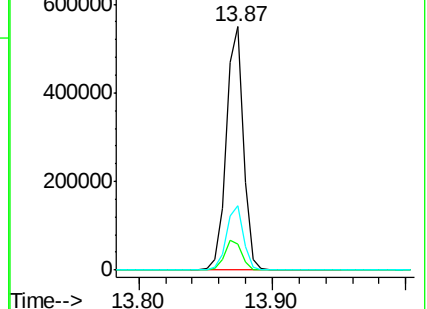
236 26.4 20.7 31.1

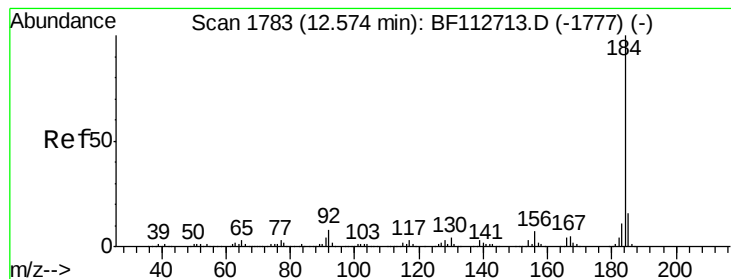


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.897 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

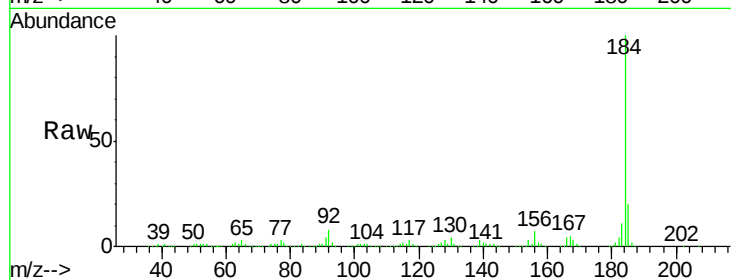
Tgt Ion:184 Resp: 1006656

Ion Ratio Lower Upper

184 100

185 19.6 12.6 18.8#

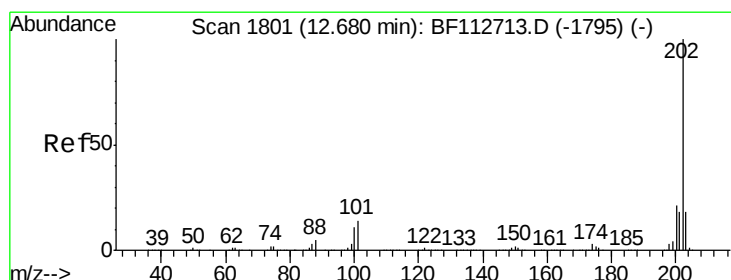
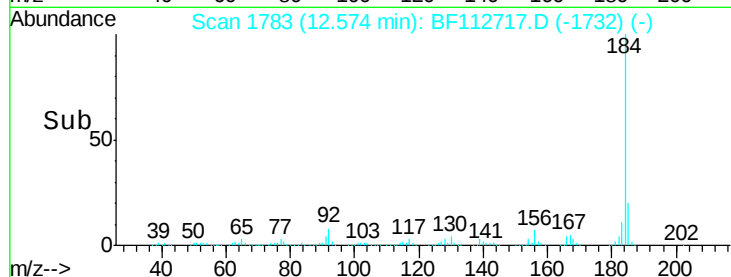
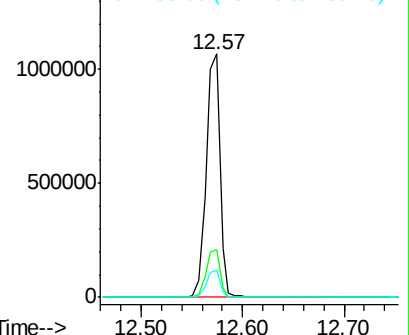
183 11.2 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.739 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

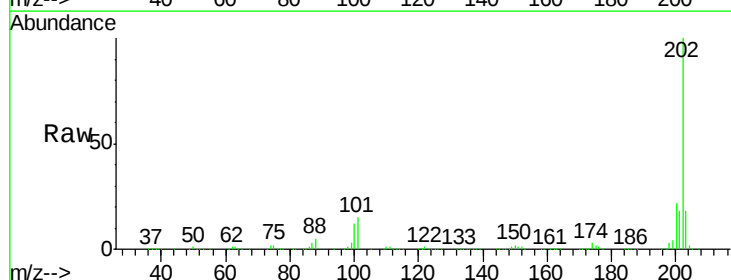
Tgt Ion:202 Resp: 1713137

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

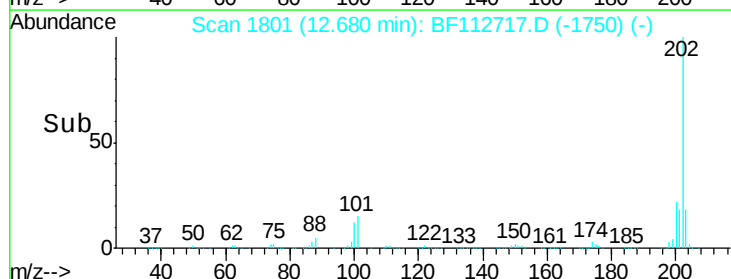
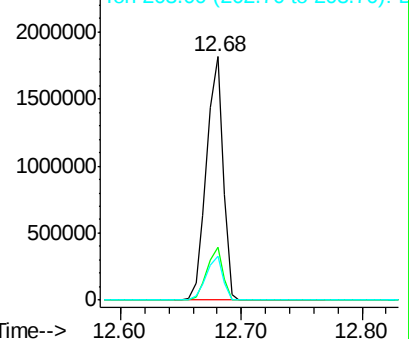
203 18.1 14.4 21.6

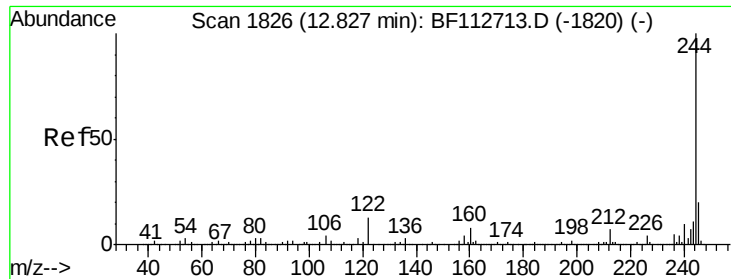


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

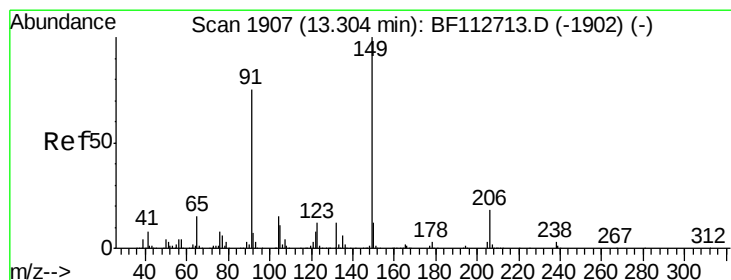
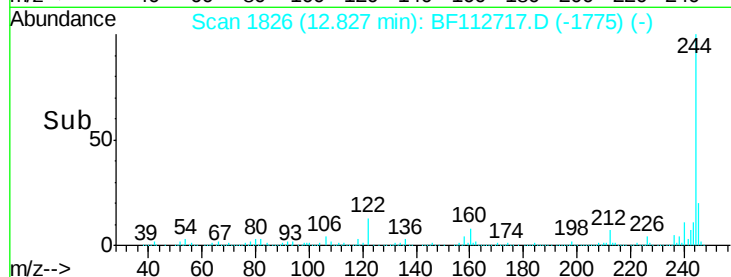
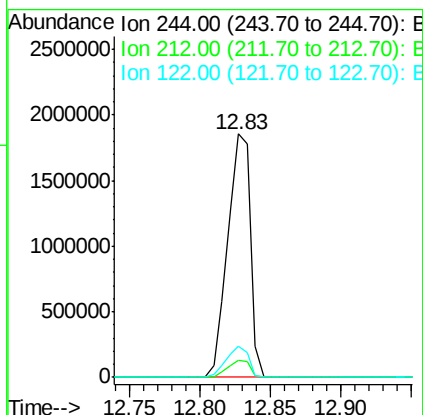
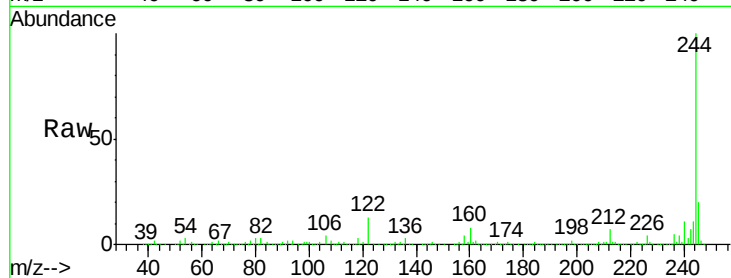




#79
 Terphenyl-d14
 Concen: 80.358 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

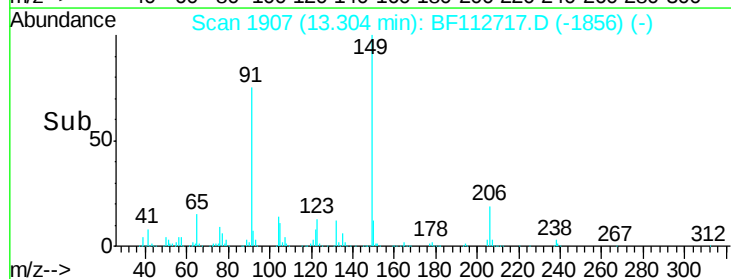
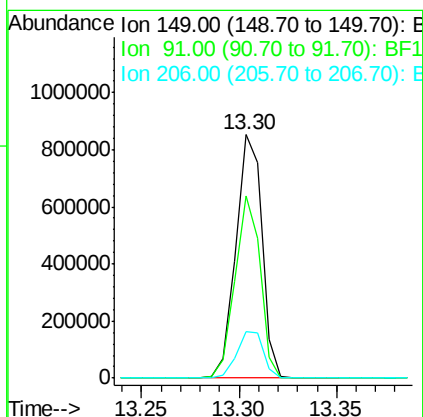
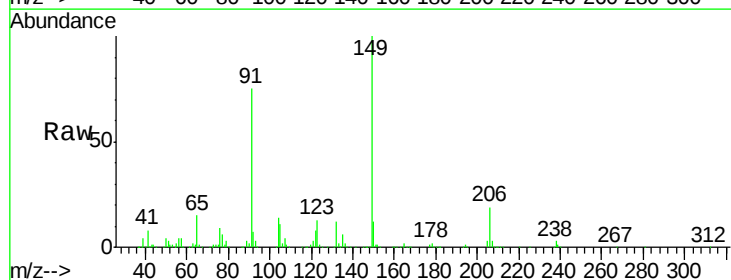
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

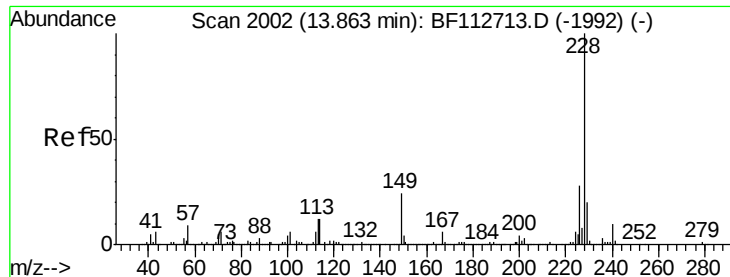
Tgt Ion: 244 Resp: 2067799
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 13.0 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 42.415 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion: 149 Resp: 787312
 Ion Ratio Lower Upper
 149 100
 91 75.0 59.9 89.9
 206 19.1 14.7 22.1





#81

Benzo(a)anthracene

Concen: 40.873 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

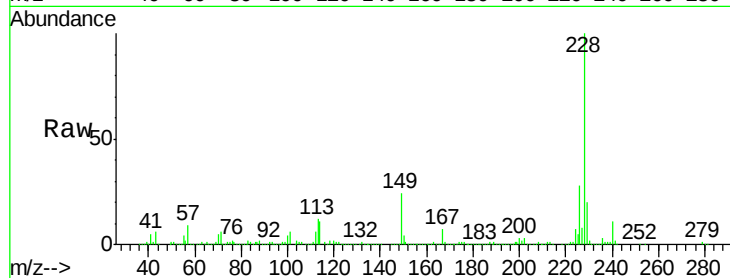
Tgt Ion:228 Resp: 1413056

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.4

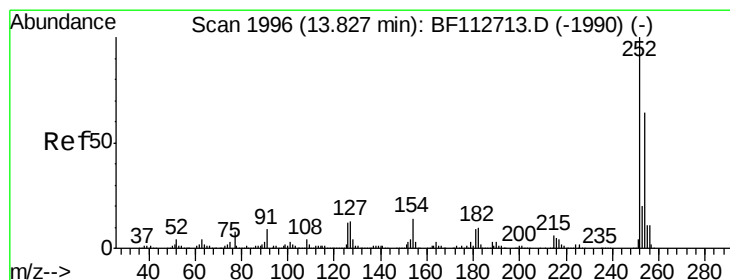
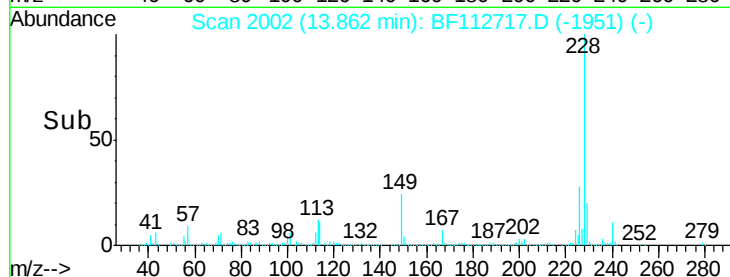
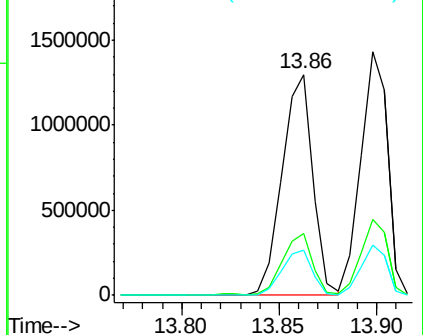
229 20.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.676 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

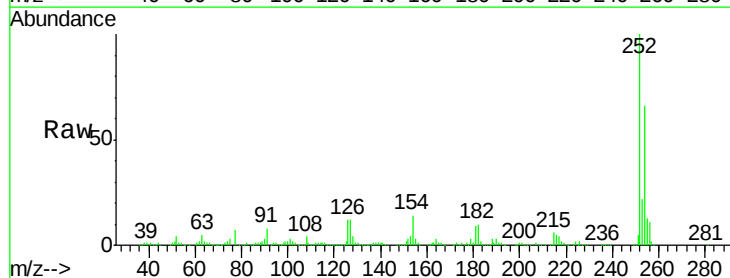
Tgt Ion:252 Resp: 531847

Ion Ratio Lower Upper

252 100

254 65.9 51.1 76.7

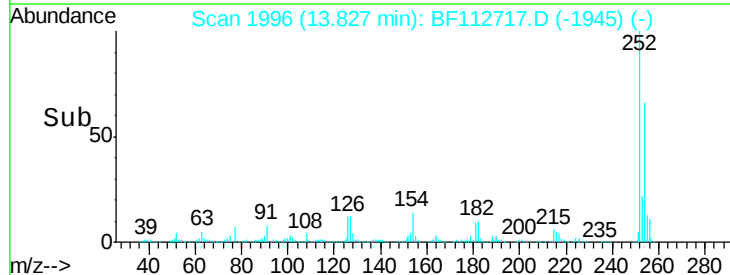
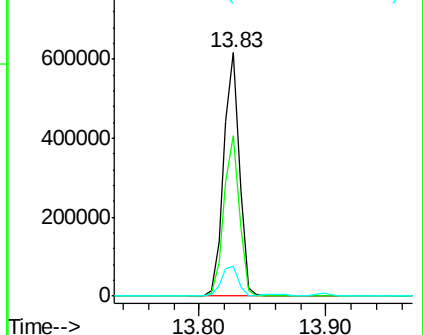
126 12.1 9.9 14.9

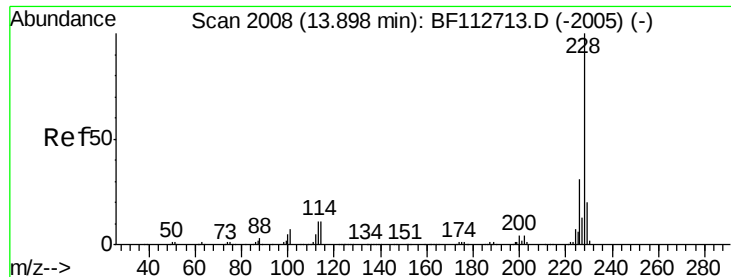


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.317 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

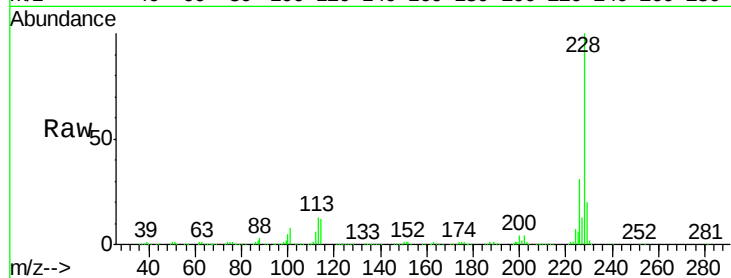
Tgt Ion:228 Resp: 1365299

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

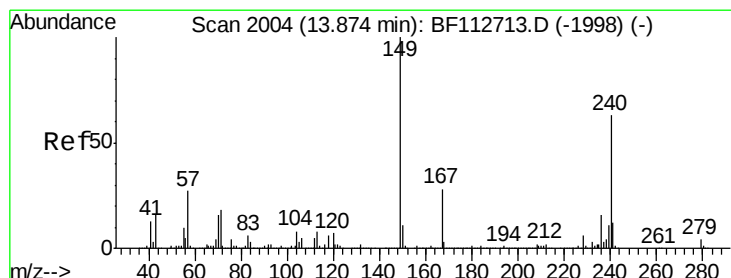
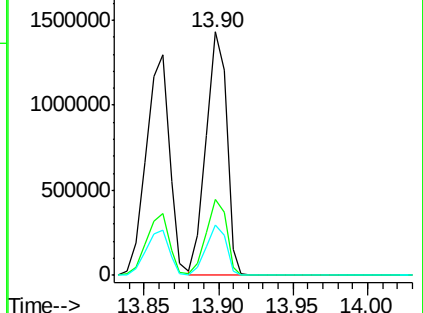
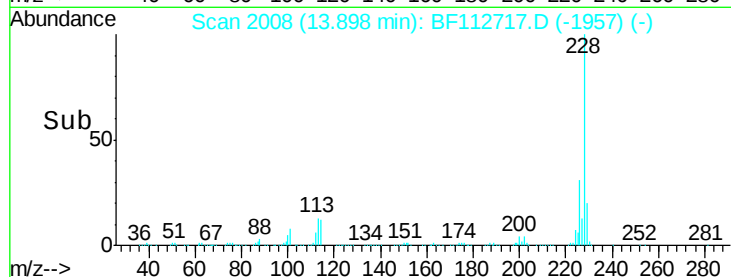
229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.817 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

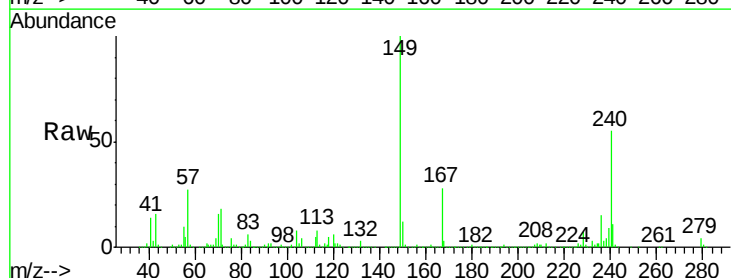
Tgt Ion:149 Resp: 910442

Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

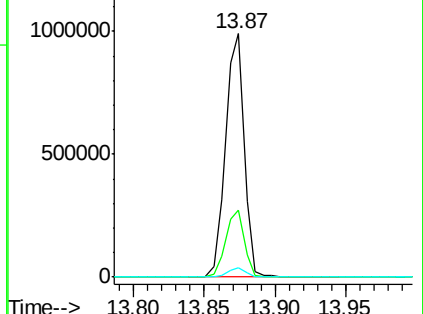
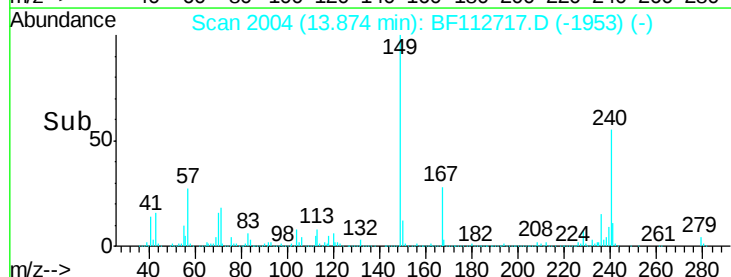
279 3.9 3.3 4.9

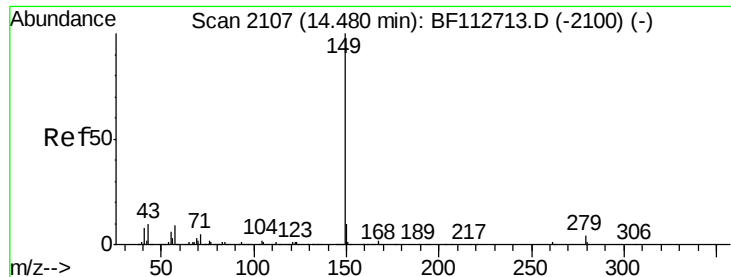


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

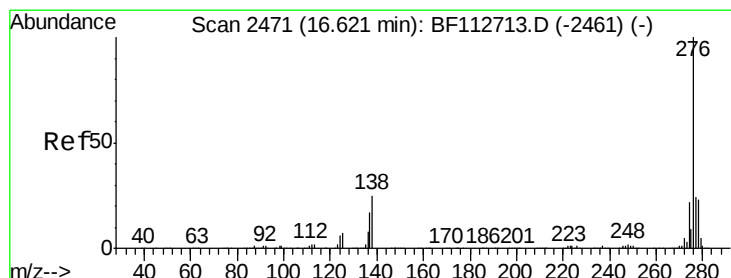
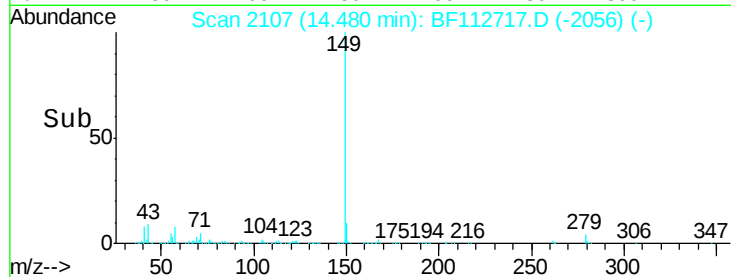
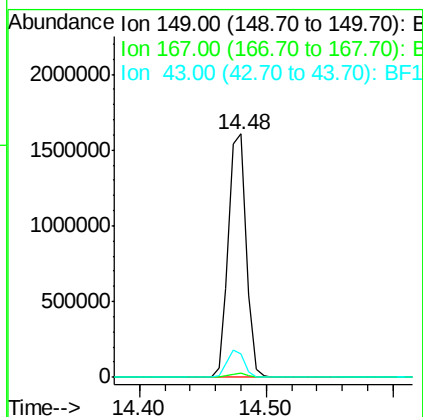
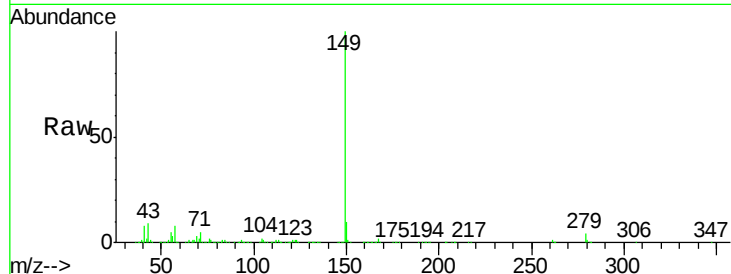




#85
 Di-n-octyl phthalate
 Concen: 41.718 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

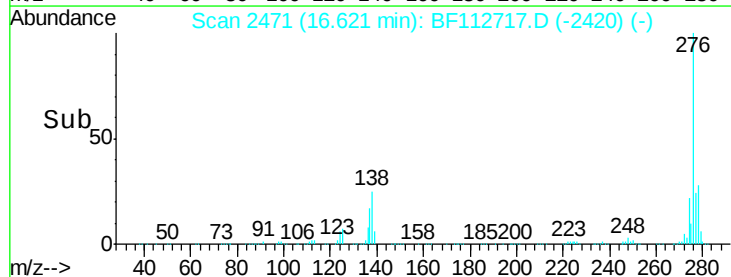
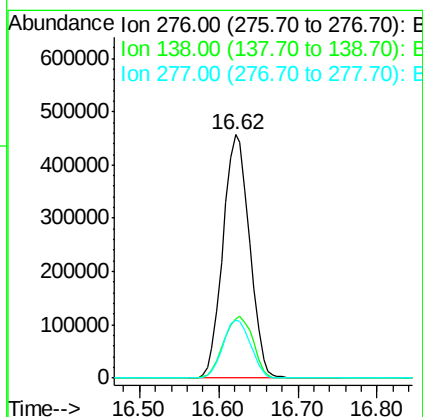
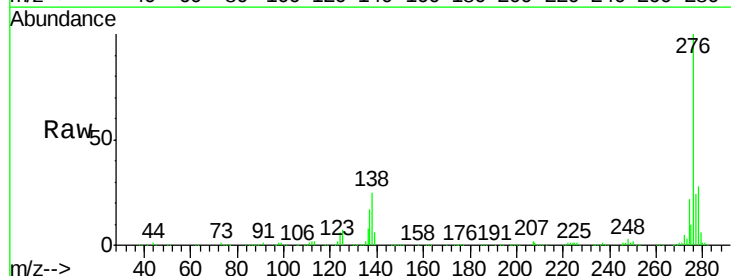
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022719

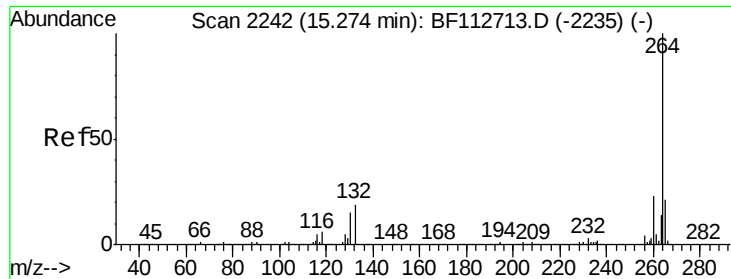
Tgt Ion:149 Resp: 1559661
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.8 9.0 13.4



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 36.790 ng
 RT: 16.62 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: BF112717.D
 Acq: 27 Feb 2019 13:38

Tgt Ion:276 Resp: 1062148
 Ion Ratio Lower Upper
 276 100
 138 27.9 23.2 34.8
 277 24.8 19.9 29.9



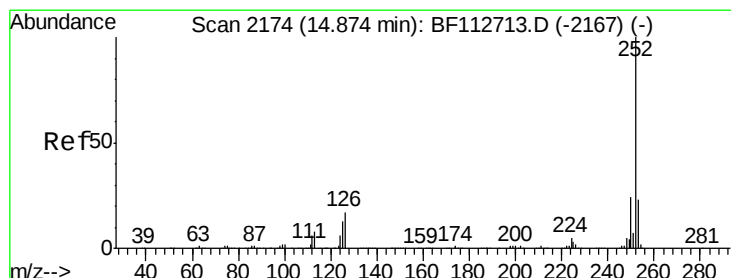
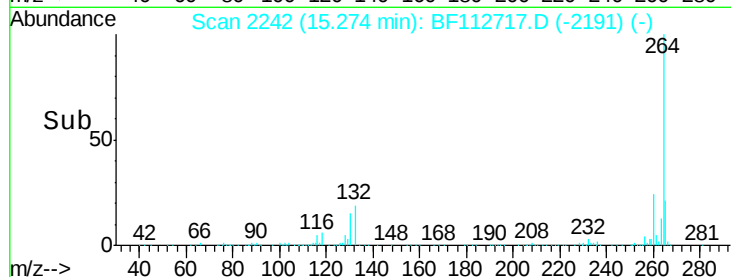
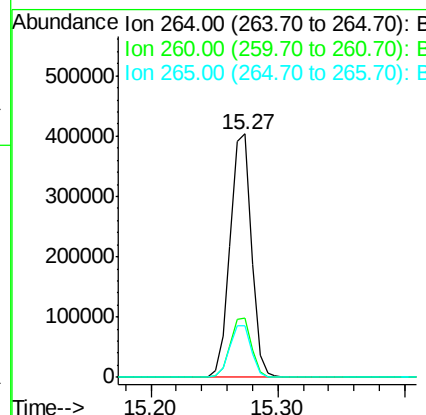
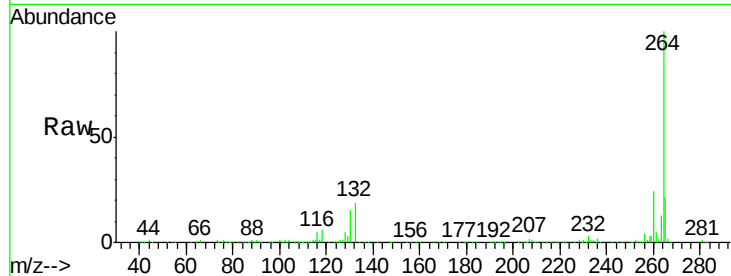


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Instrument :
BNA_F
ClientSampleId :
ICVBF022719

Tgt Ion: 264 Resp: 470294

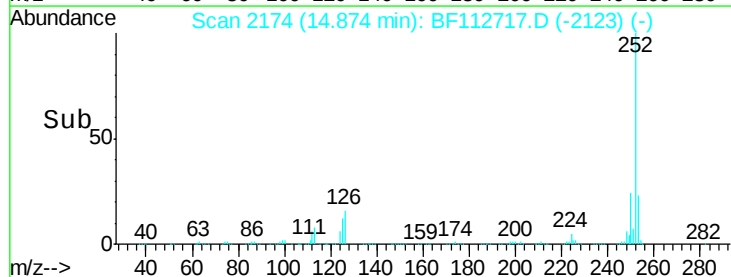
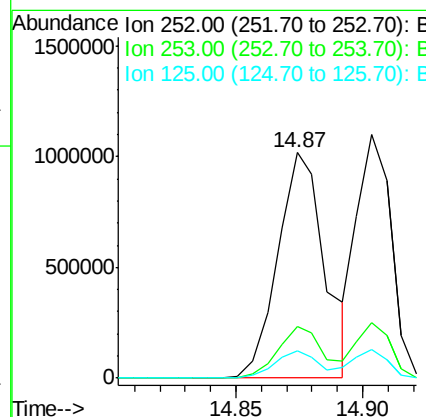
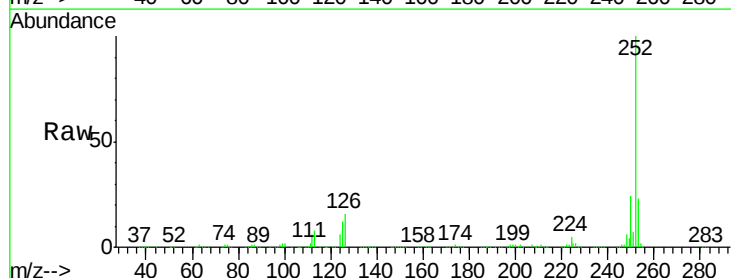
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.4	17.2	25.8

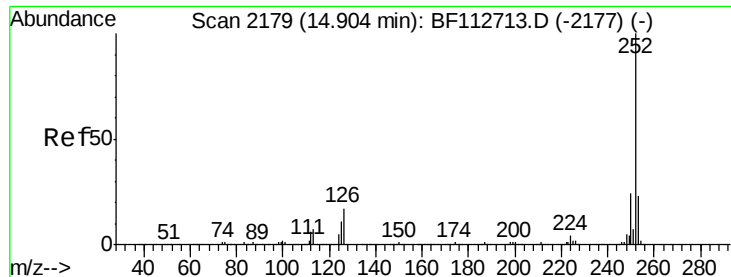


#88
Benzo(b)fluoranthene
Concen: 43.361 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Tgt Ion: 252 Resp: 1319041

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.1	10.2	15.2

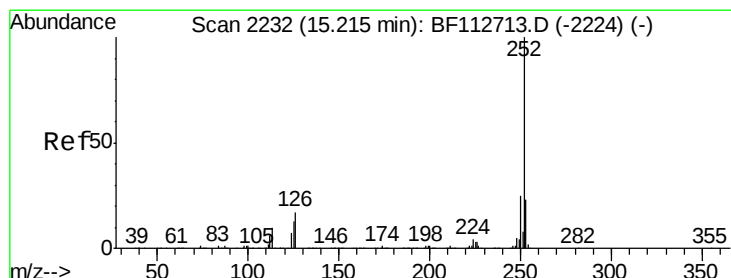
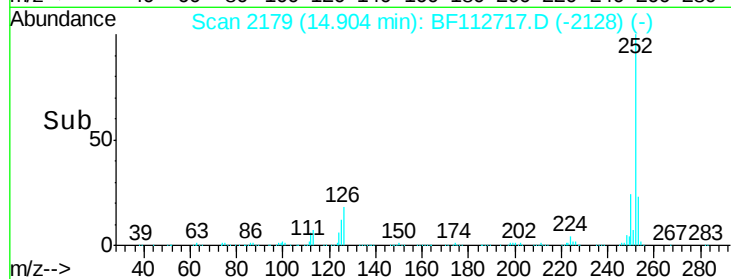
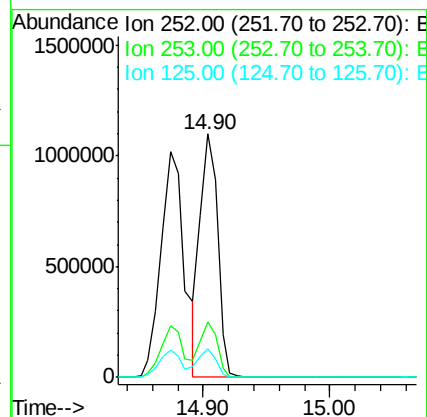
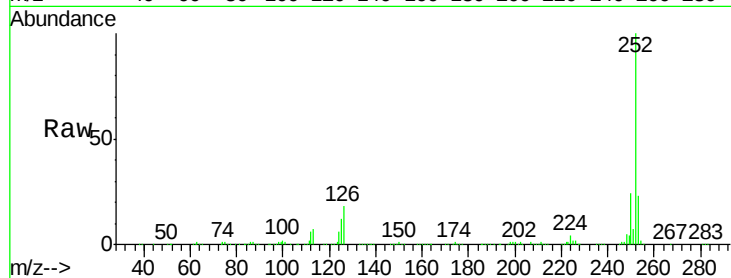




#89
Benzo(k)fluoranthene
Concen: 37.747 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

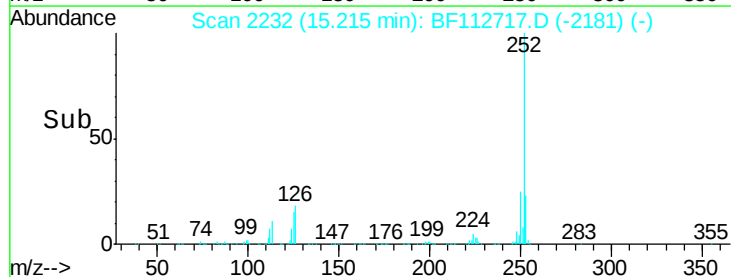
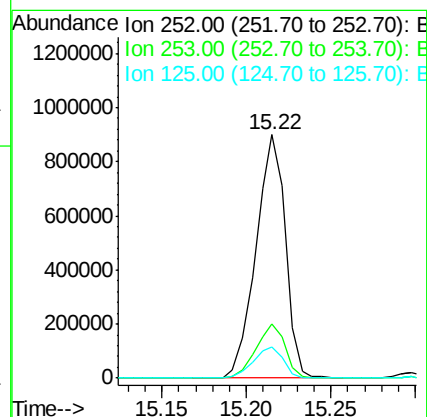
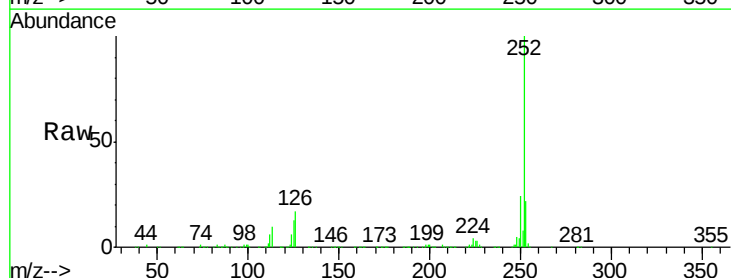
Instrument :
BNA_F
ClientSampleId :
ICVBF022719

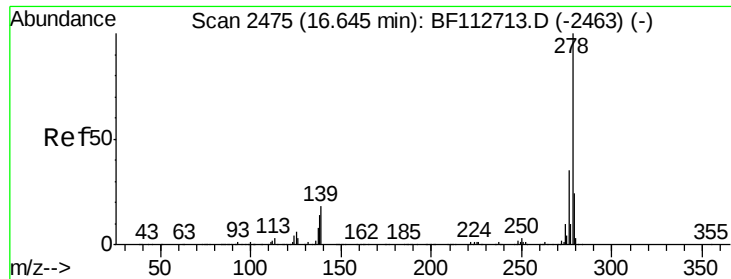
Tgt Ion:252 Resp: 1040093
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.8 9.8 14.6



#90
Benzo(a)pyrene
Concen: 40.573 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF112717.D
Acq: 27 Feb 2019 13:38

Tgt Ion:252 Resp: 1091682
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 13.0 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 37.820 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

Instrument :

BNA_F

ClientSampleId :

ICVBF022719

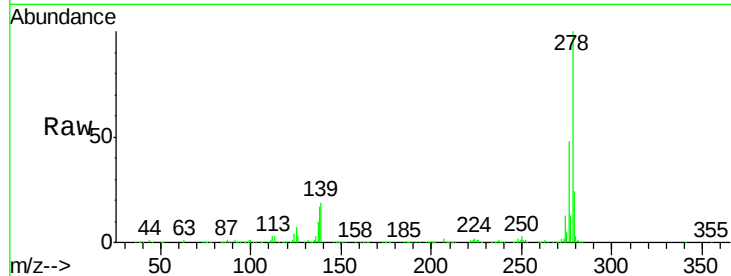
Tgt Ion:278 Resp: 868346

Ion Ratio Lower Upper

278 100

139 18.8 14.3 21.5

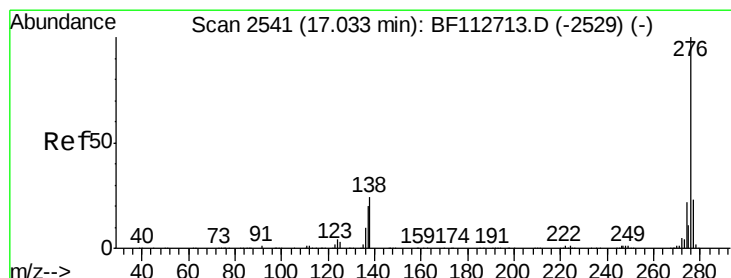
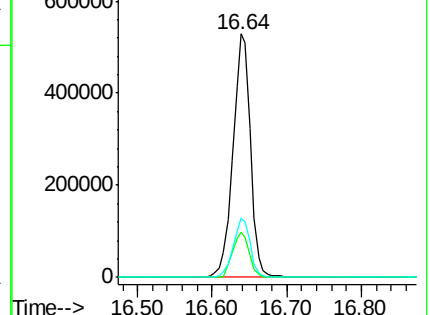
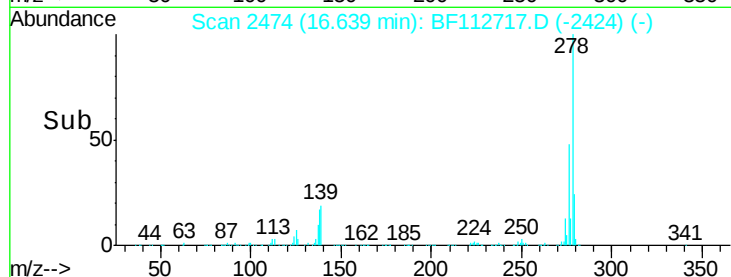
279 24.4 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.432 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF112717.D

Acq: 27 Feb 2019 13:38

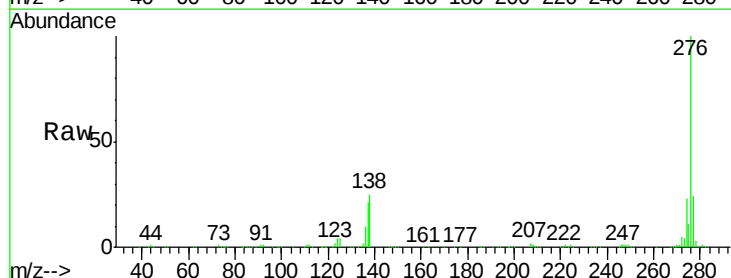
Tgt Ion:276 Resp: 862990

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 25.5 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

