

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113727.D
 Acq On : 11 Apr 2019 18:31
 Operator : JU/SJ
 Sample : K2200-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 01:01:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	120796	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	440147	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	216044	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	435276	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	324960	20.00	ng	-0.02
87) Perylene-d12	15.23	264	311321	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	902163	127.35	ng	0.00
7) Phenol-d6	6.33	99	1035790	118.64	ng	-0.01
23) Nitrobenzene-d5	7.24	82	828926	110.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	417532	160.89	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1527845	113.85	ng	-0.02
79) Terphenyl-d14	12.77	244	1655233	103.71	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	2.90	42	106	0.028	ng	# 1
6) Aniline	6.45	93	1375	0.130	ng	# 1
8) 2-Chlorophenol	6.47	128	106	0.013	ng	# 1
9) Benzaldehyde	6.33	77	755	0.145	ng	# 1
10) Phenol	6.45	94	1877	0.188	ng	# 1
11) bis(2-Chloroethyl)ether	6.45	93	1375	0.177	ng	# 1
15) Benzyl Alcohol	6.83	79	12075	2.045	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	6.95	45	222	0.018	ng	# 63
18) Hexachloroethane	7.24	117	132	0.041	ng	# 1
19) n-Nitroso-di-n-propylamine	7.24	70	105916	19.673	ng	# 77
22) Acetophenone	7.12	105	796	0.082	ng	# 64
24) Nitrobenzene	7.24	77	2109	0.273	ng	# 33
25) Isophorone	7.24	82	830010	57.340	ng	# 64
31) Naphthalene	7.98	128	50334	2.360	ng	# 97
33) 4-Chloroaniline	7.98	127	5847	0.691	ng	# 31
37) 2-Methylnaphthalene	8.69	142	4824	0.344	ng	# 97
38) 1-Methylnaphthalene	8.77	142	3853	0.285	ng	# 86
46) 1,1'-Biphenyl	9.13	154	3690	0.207	ng	# 86
48) 2-Nitroaniline	9.03	65	2335	0.565	ng	# 3
49) Acenaphthylene	9.74	152	1669	0.076	ng	# 1
50) Dimethylphthalate	9.70	163	49662	3.118	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	26943	7.675	ng	# 26
52) Acenaphthene	9.74	154	3304	0.263	ng	# 94
55) Dibenzofuran	9.93	168	3894	0.211	ng	# 99
56) 4-Nitrophenol	9.93	139	1298	0.524	ng	# 7
57) 2,4-Dinitrotoluene	9.70	165	26943	6.346	ng	# 23
58) Fluorene	10.26	166	4306	0.295	ng	# 94
60) Diethylphthalate	10.13	149	702	0.046	ng	# 59
63) Azobenzene	10.50	77	1281	0.088	ng	# 8
65) 4,6-Dinitro-2-methylphenol	10.50	198	586	0.256	ng	# 1
66) n-Nitrosodiphenylamine	10.50	169	10497	0.786	ng	# 45
67) 4-Bromophenyl-phenylether	10.50	248	22489	4.607	ng	# 1
71) Phenanthrene	11.21	178	9663	0.447	ng	# 98
72) Anthracene	11.21	178	9663	0.439	ng	# 97

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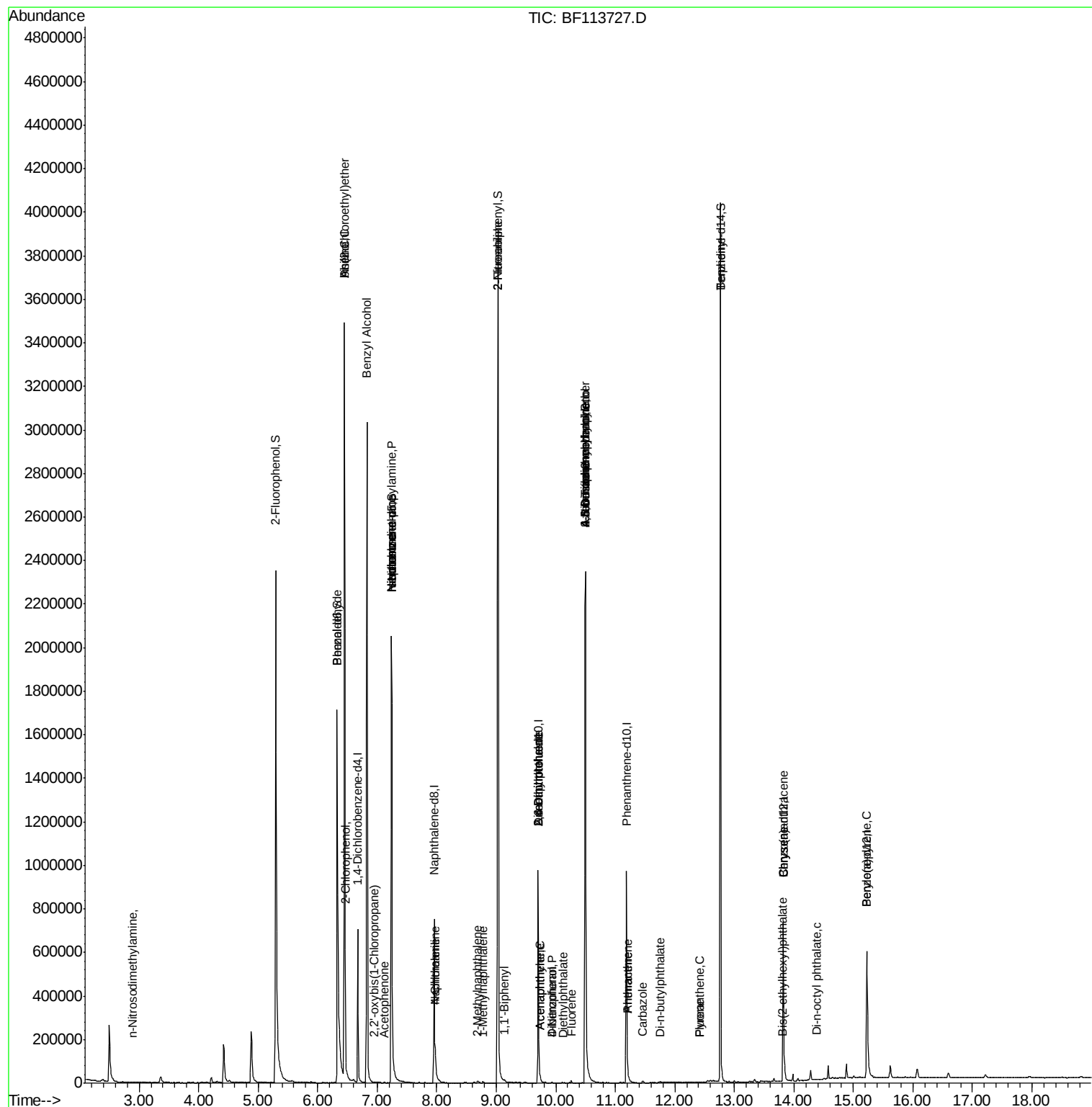
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Carbazole	11.46	167	10100	0.491	nq	97
74) Di-n-butylphthalate	11.75	149	2698	0.110	nq #	78
75) Fluoranthene	12.42	202	1893	0.082	nq	84
77) Benzidine	12.77	184	19431	1.608	nq #	96
78) Pyrene	12.42	202	1893	0.077	nq	92
81) Benzo(a)anthracene	13.82	228	907	0.048	nq #	51
83) Chrysene	13.82	228	907	0.048	nq #	49
84) Bis(2-ethylhexyl)phthalate	13.80	149	856	0.070	nq #	52
85) Di-n-octyl phthalate	14.39	149	112	0.006	nq #	1
90) Benzo(a)pyrene	15.23	252	869	0.051	nq #	7

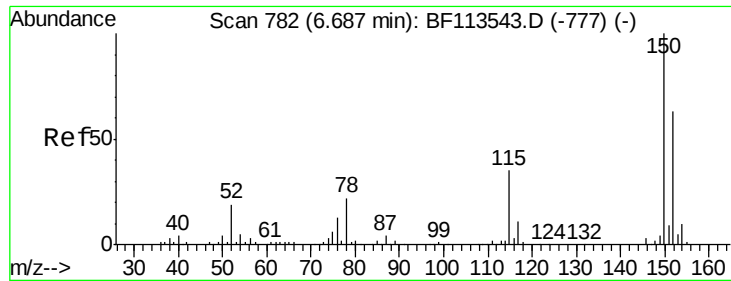
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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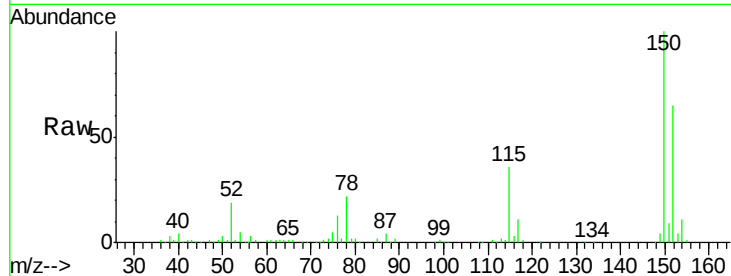


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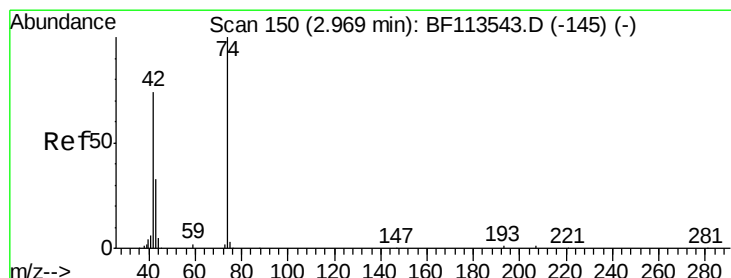
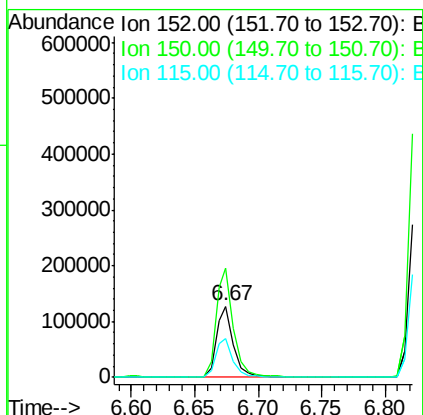
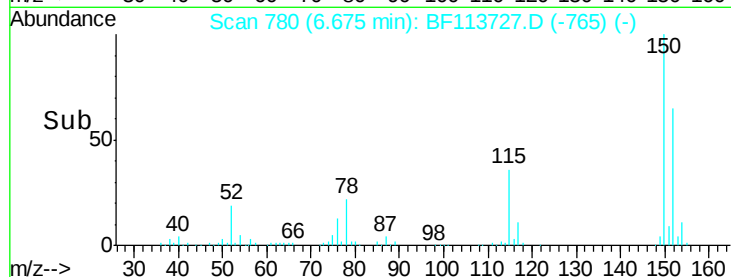
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.7	187.1
115	55.2	46.0	69.0



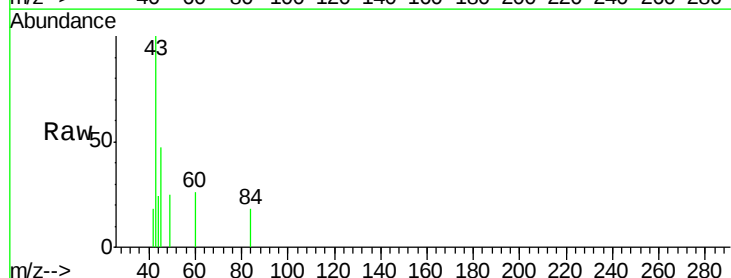
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



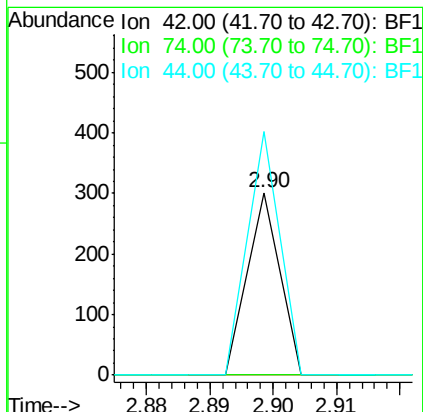
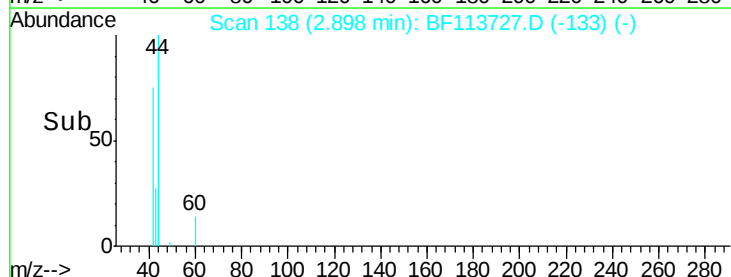
#4

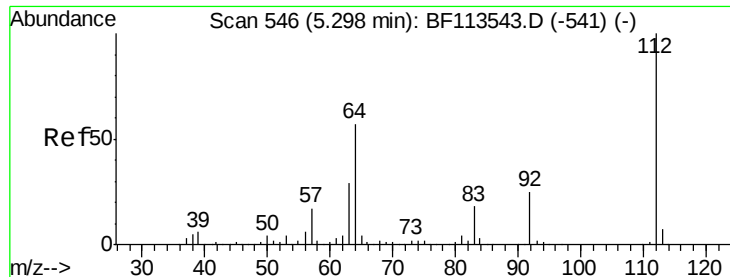
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 2.90 min Scan# 138
Delta R.T. -0.07 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.4	153.6#
44	133.6	5.5	8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

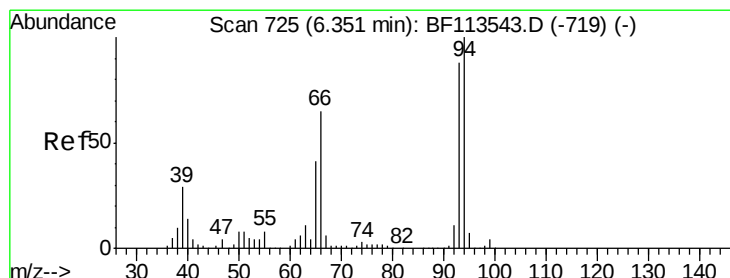
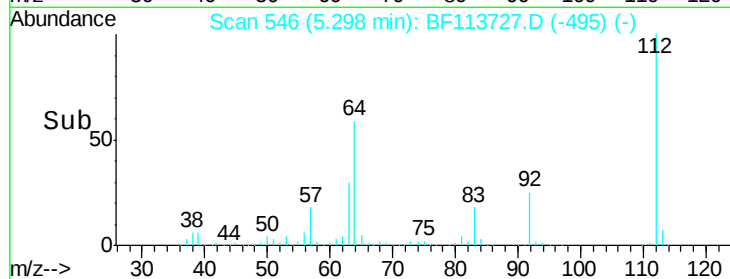
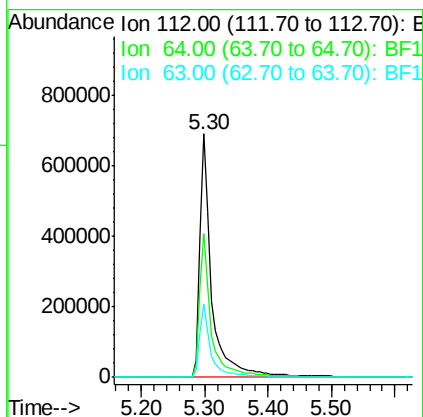
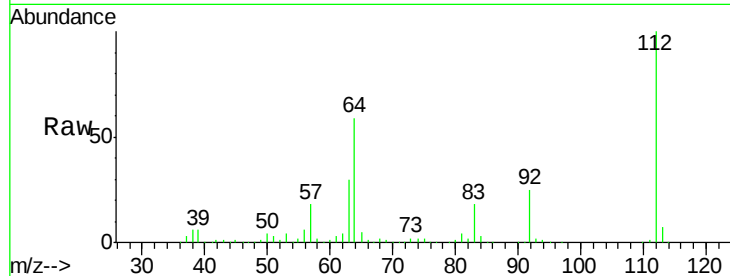




#5
2-Fluorophenol
Concen: 127.355 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

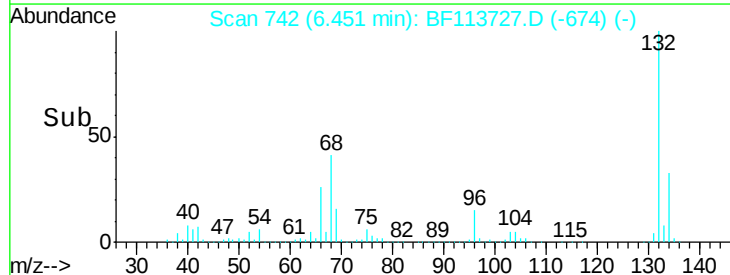
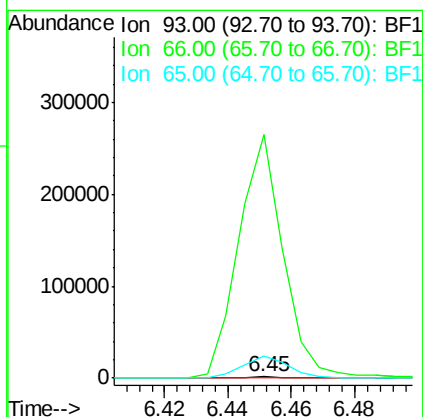
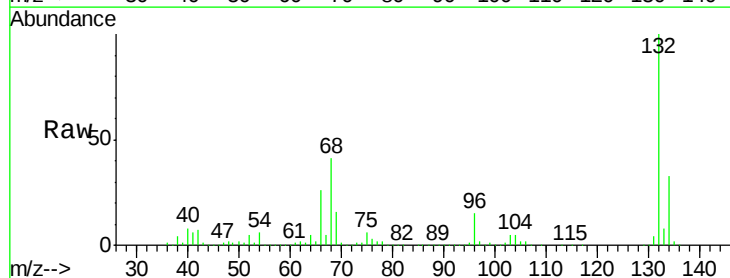
Instrument :
BNA_F
ClientSampled :

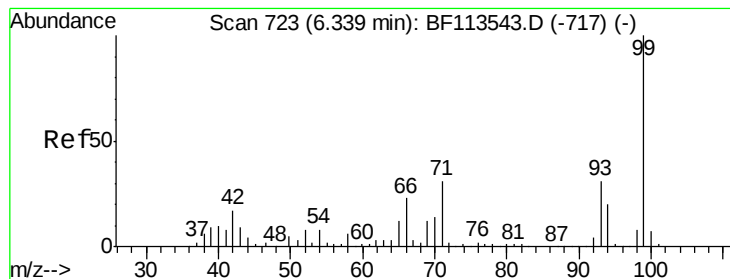
Tot Ion:112 Resp: 902163
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 30.1 24.9 37.3



#6
Aniline
Concen: 0.130 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.10 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion: 93 Resp: 1375
Ion Ratio Lower Upper
93 100
66 19149.1 62.1 93.1#
65 1712.7 38.7 58.1#





#7

Phenol-d6

Concen: 118.635 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

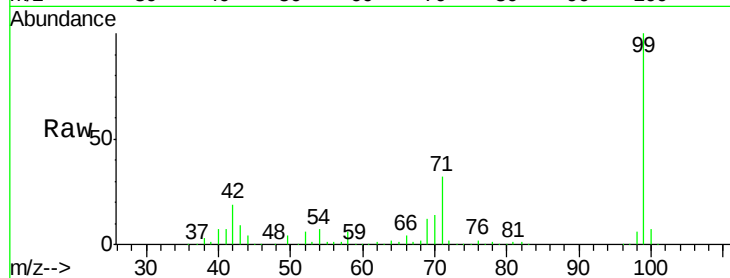
Tot Ion: 99 Resp: 1035790

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

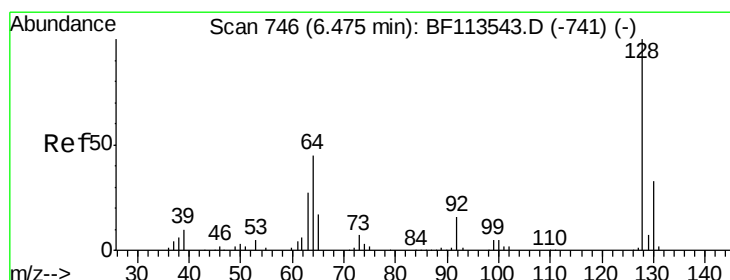
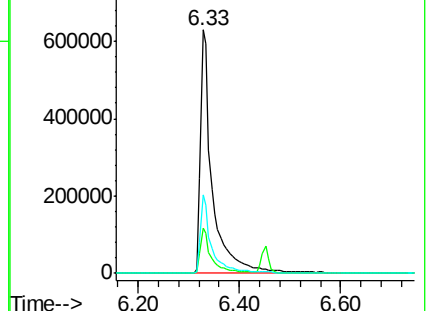
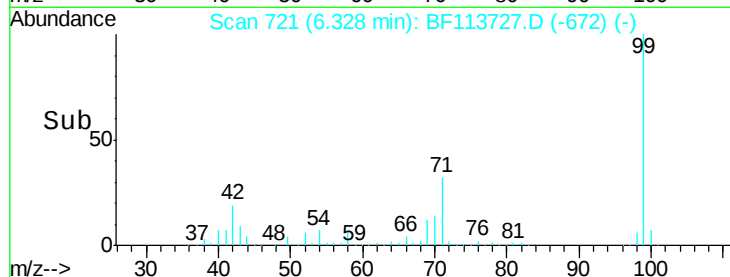
71 32.2 24.9 37.3



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: 0.013 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

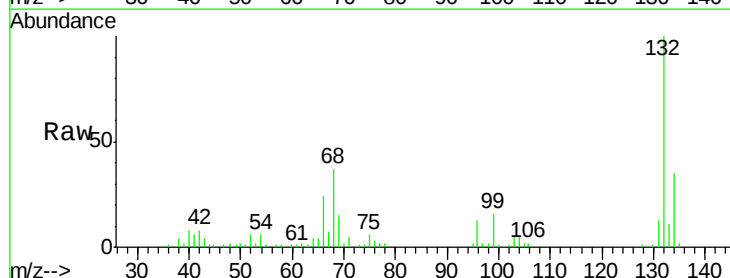
Tgt Ion: 128 Resp: 106

Ion Ratio Lower Upper

128 100

130 119.7 12.6 52.6#

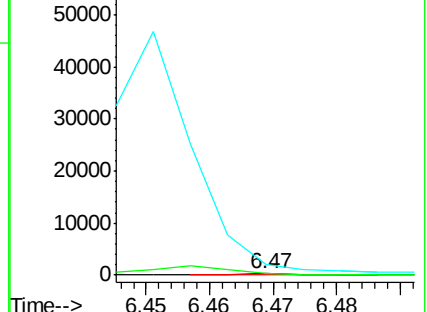
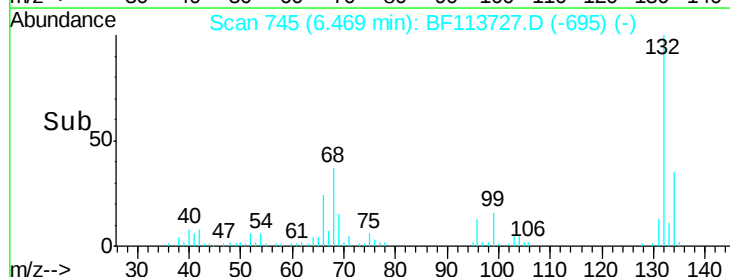
64 703.3 29.4 69.4#

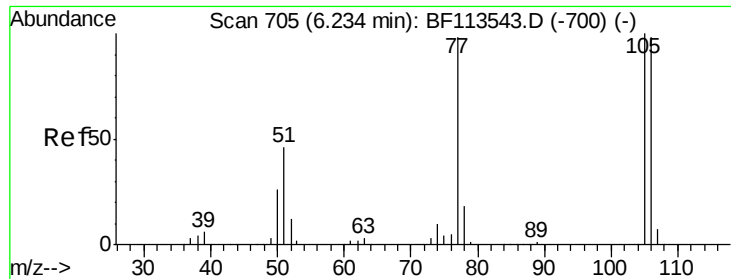


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.145 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.09 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampled :

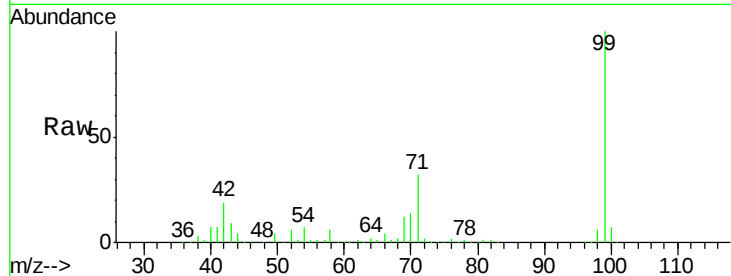
Tot Ion: 77 Resp: 755

Ion Ratio Lower Upper

77 100

105 0.0 80.9 120.9#

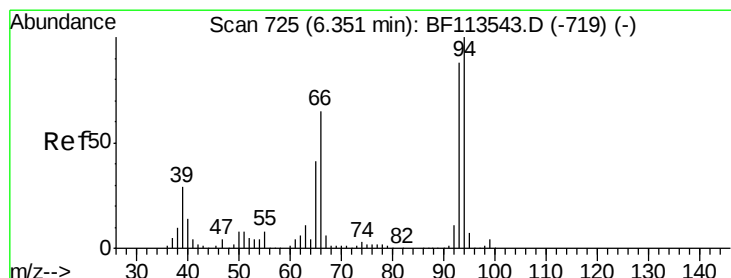
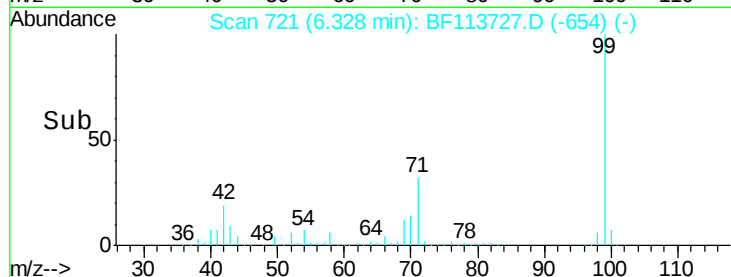
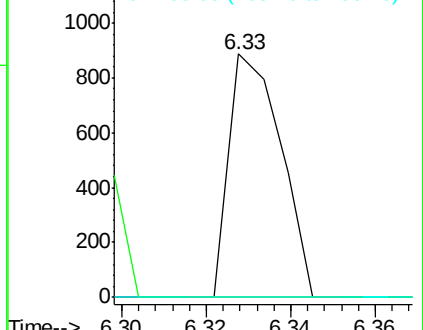
106 0.0 77.8 117.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.188 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.10 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

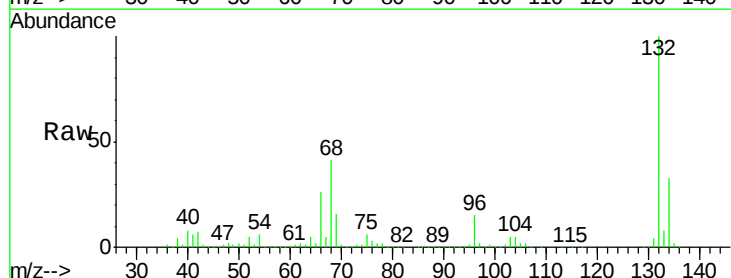
Tgt Ion: 94 Resp: 1877

Ion Ratio Lower Upper

94 100

65 1239.7 21.4 61.4#

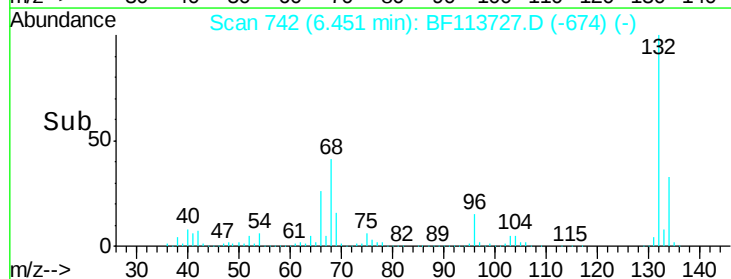
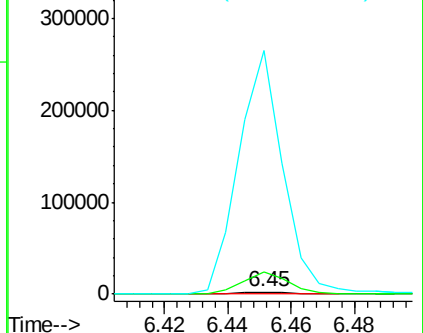
66 13861.1 46.4 86.4#

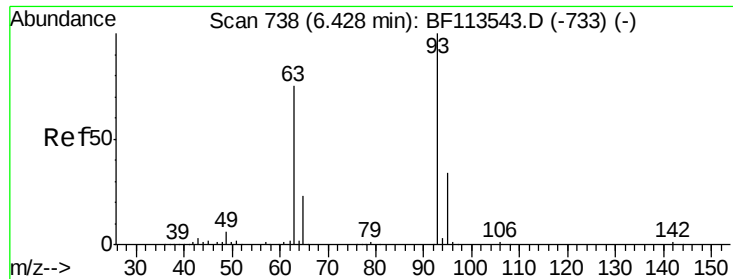


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

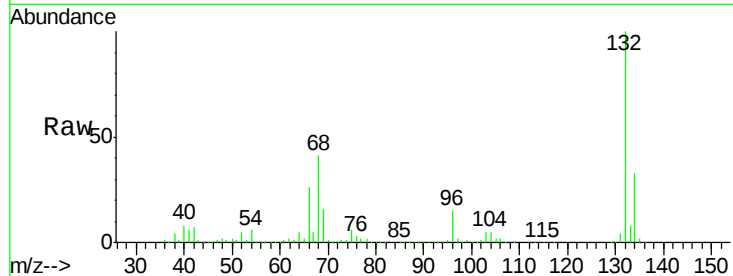




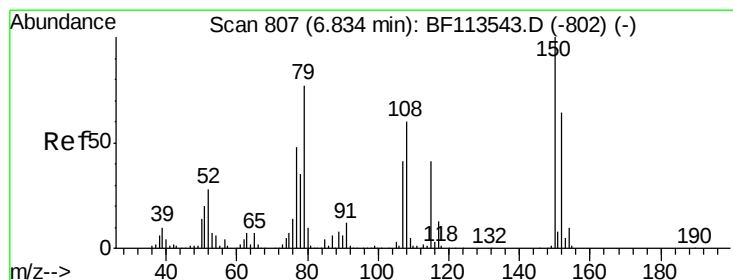
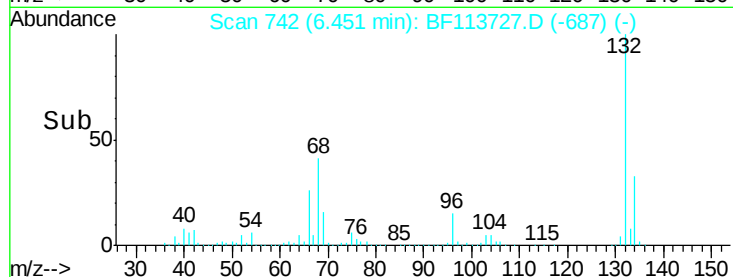
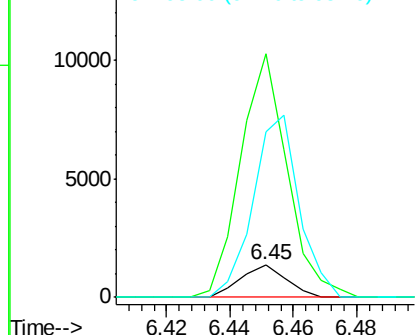
#11
bis(2-Chloroethyl)ether
Concen: 0.177 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.02 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 1375
Ion Ratio Lower Upper
93 100
63 741.5 56.1 96.1#
95 505.1 12.8 52.8#

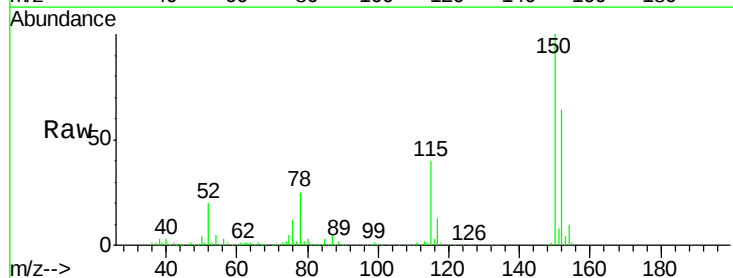


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

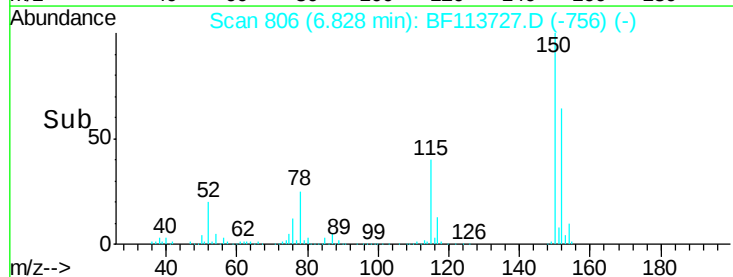
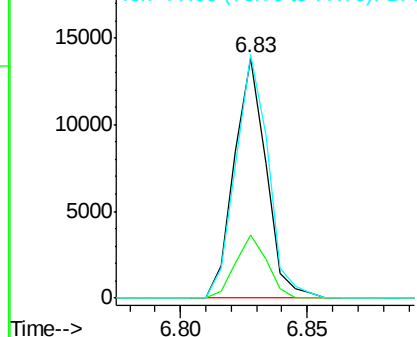


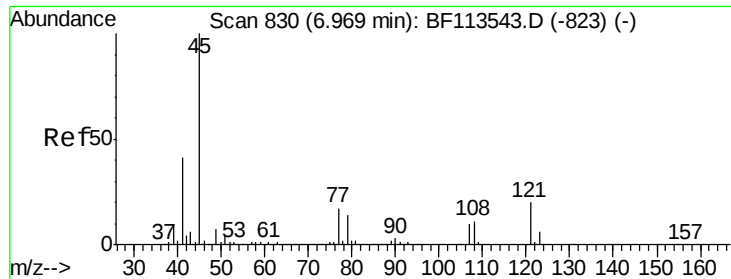
#15
Benzyl Alcohol
Concen: 2.045 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion: 79 Resp: 12075
Ion Ratio Lower Upper
79 100
108 26.1 62.0 93.0#
77 101.3 49.9 74.9#



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

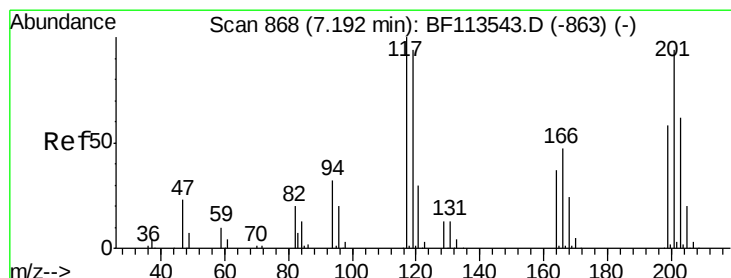
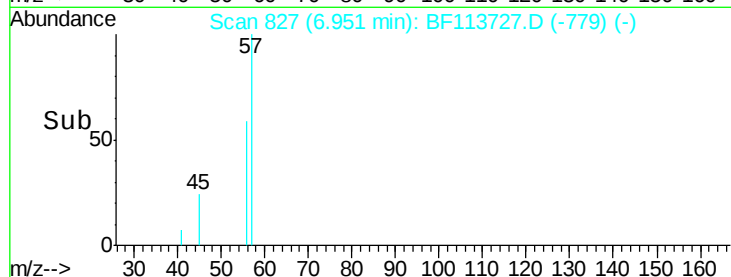
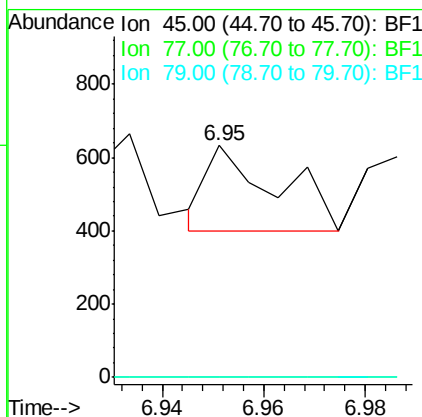
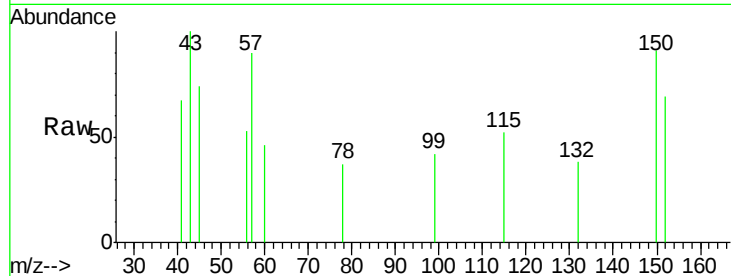




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.018 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

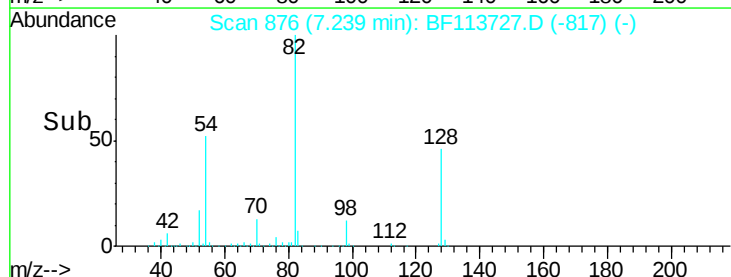
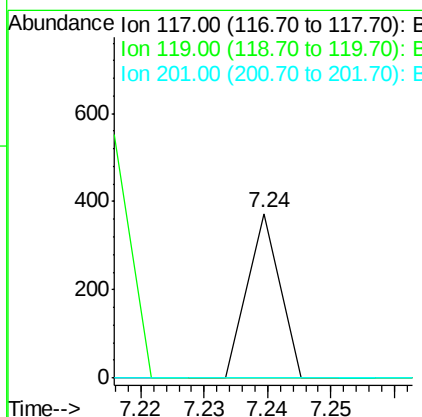
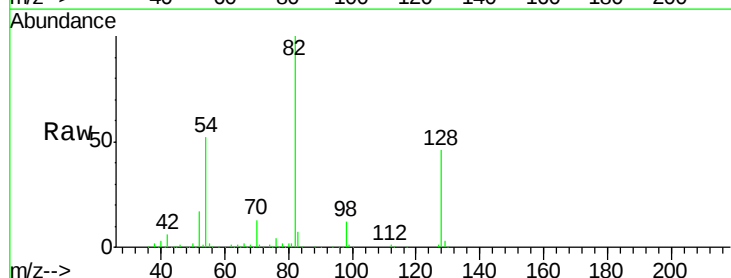
Instrument :
BNA_F
ClientSampled :

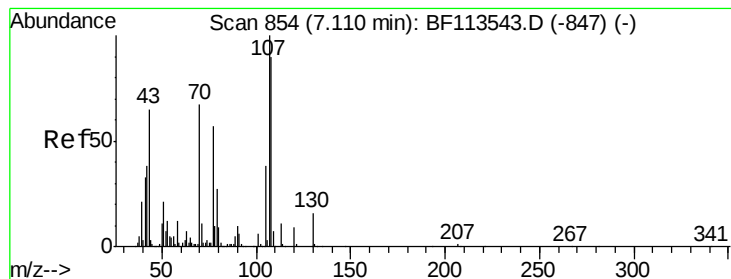
Tot Ion: 45 Resp: 222
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.6
79 0.0 0.0 34.0



#18
Hexachloroethane
Concen: 0.041 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.05 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion: 117 Resp: 132
Ion Ratio Lower Upper
117 100
119 0.0 76.9 115.3#
201 0.0 78.7 118.1#





#19

n-Nitroso-di-n-propylamine

Concen: 19.673 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113727.D

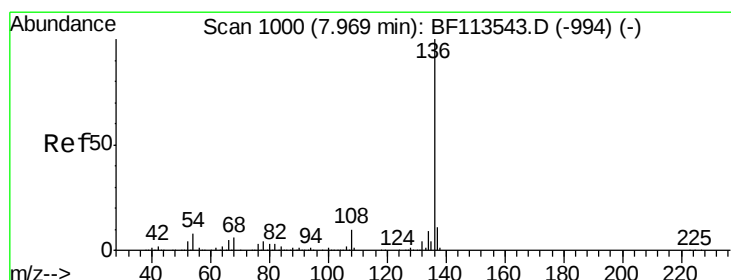
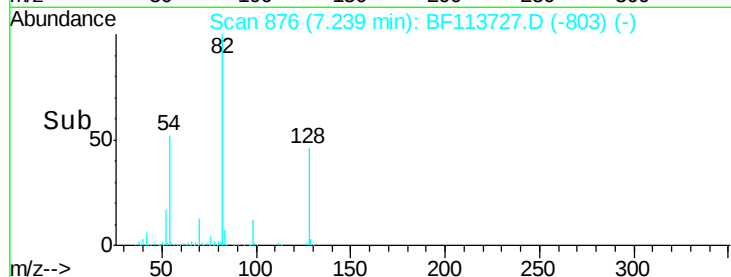
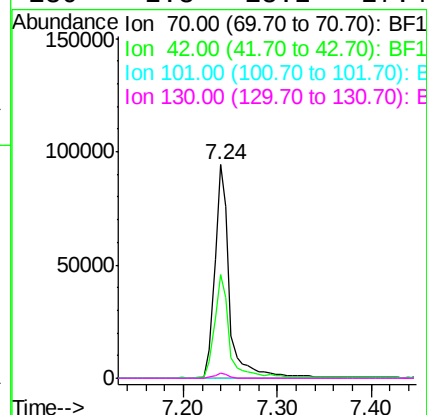
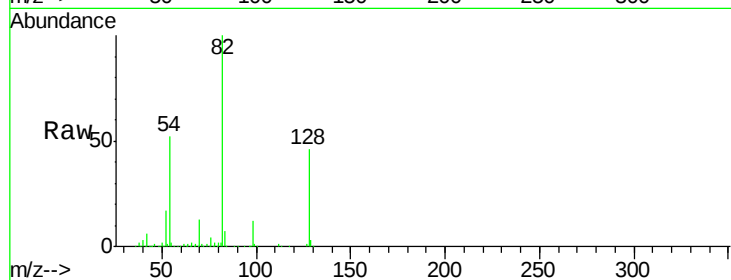
Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:	70	Resp:	105916
Ion	Ratio	Lower	Upper
70	100		
42	48.5	48.4	72.6
101	0.0	7.8	11.8#
130	2.3	18.2	27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

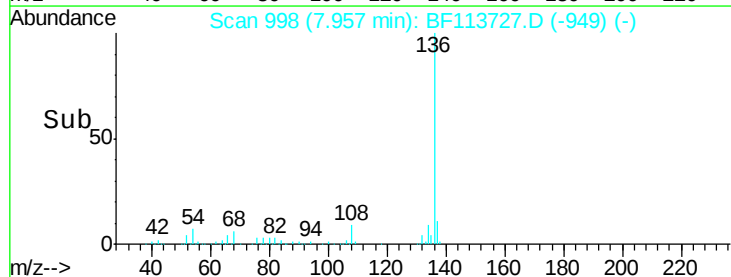
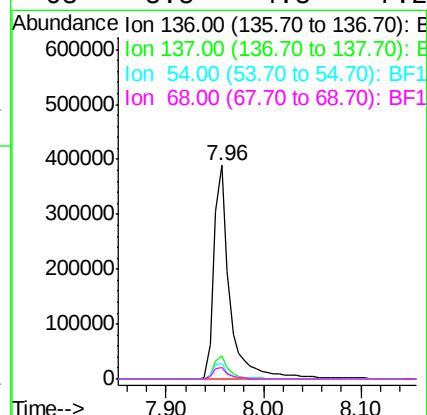
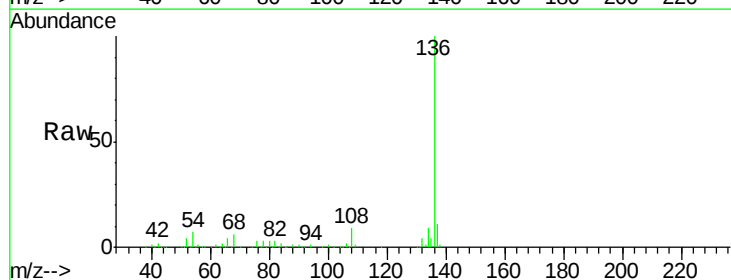
RT: 7.96 min Scan# 998

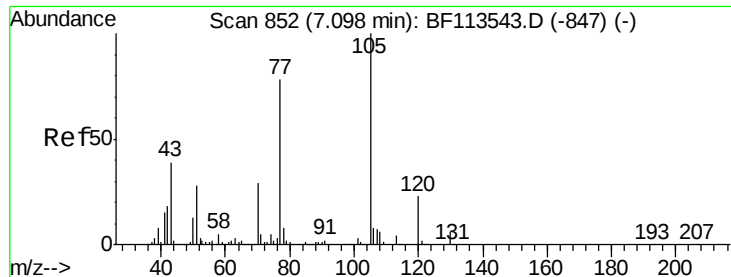
Delta R.T. -0.01 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Tgt Ion:	136	Resp:	440147
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.1	7.0	10.6
68	5.5	4.8	7.2

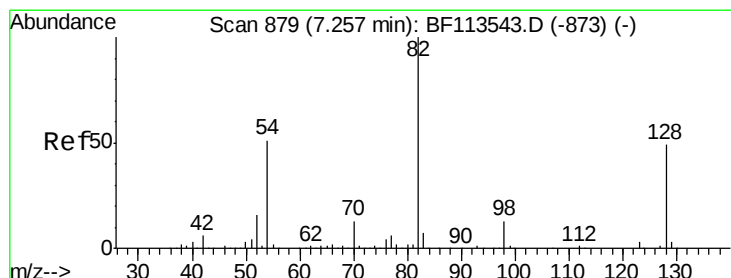
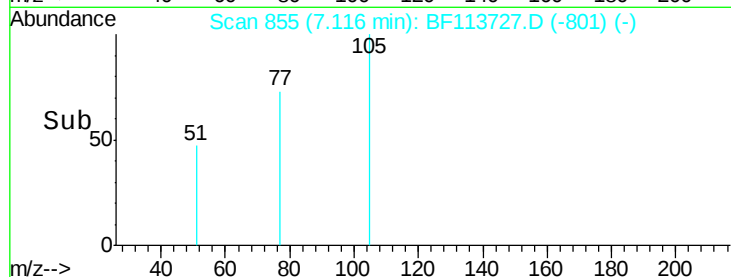
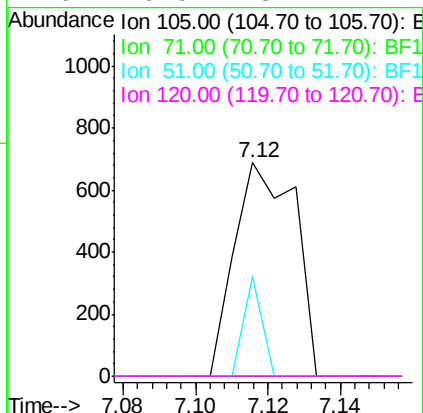
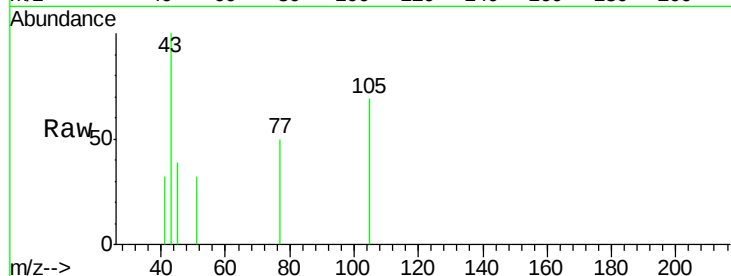




#22
Acetophenone
Concen: 0.082 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.02 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

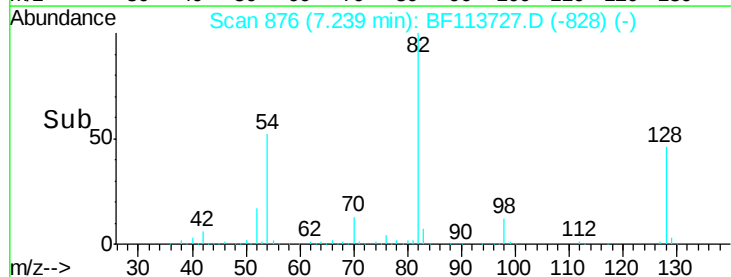
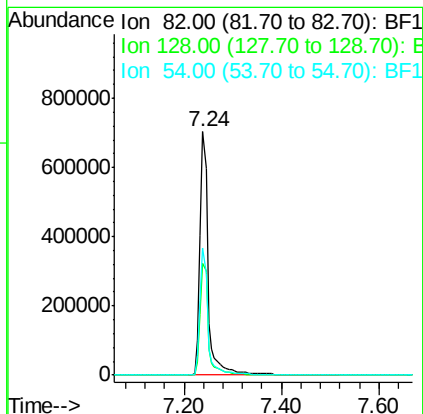
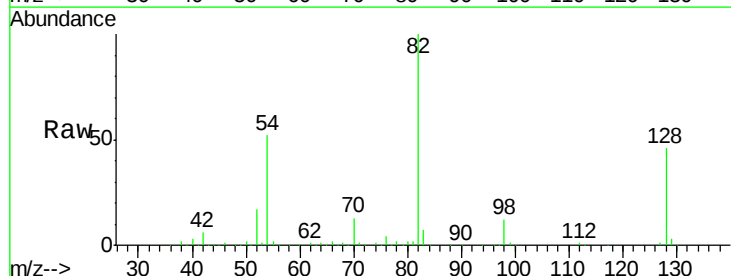
Instrument :
BNA_F
ClientSampled :

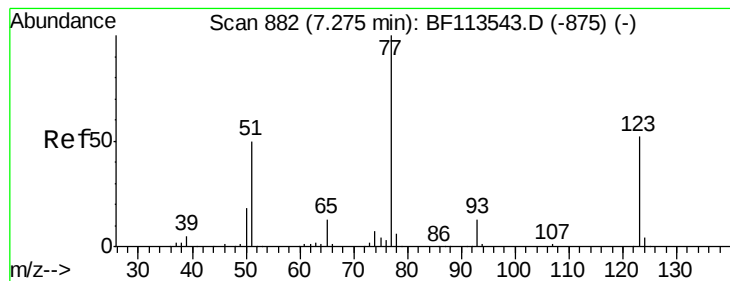
Tot Ion: 105 Resp: 796
Ion Ratio Lower Upper
105 100
71 0.0 3.3 4.9#
51 46.6 24.2 36.2#
120 0.0 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 110.314 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion: 82 Resp: 828926
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 52.3 42.2 63.2





#24

Nitrobenzene

Concen: 0.273 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.04 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

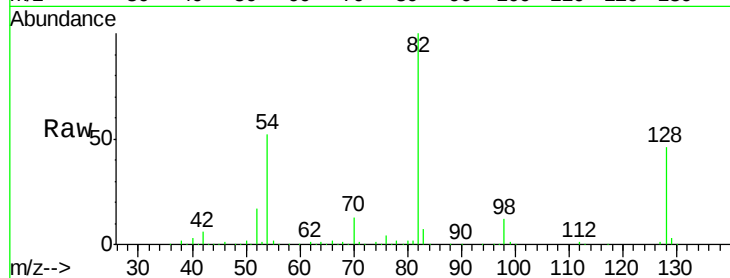
Tot Ion: 77 Resp: 2109

Ion Ratio Lower Upper

77 100

123 0.0 40.8 61.2#

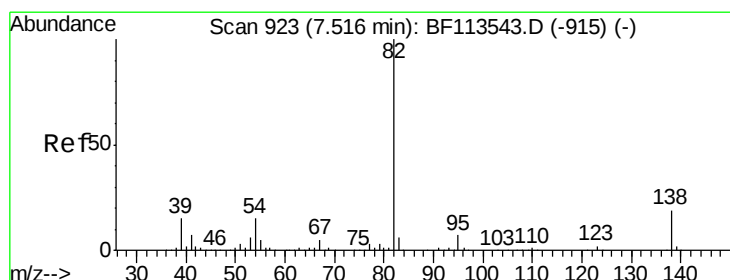
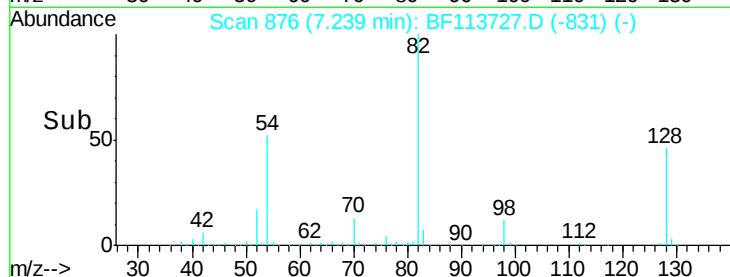
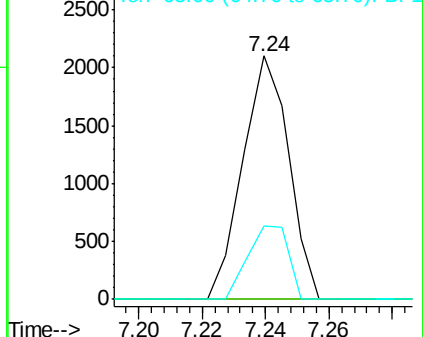
65 30.4 10.6 16.0#



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: 57.340 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

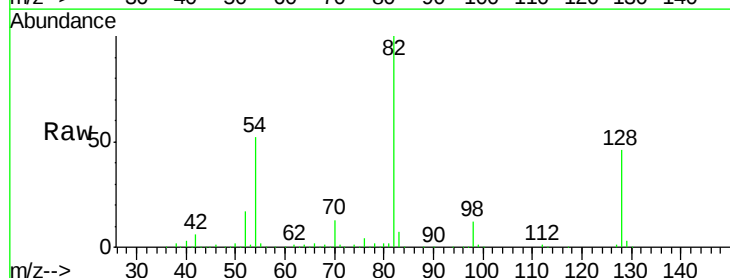
Tgt Ion: 82 Resp: 830010

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

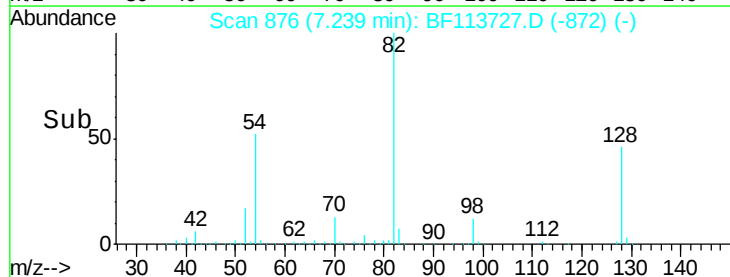
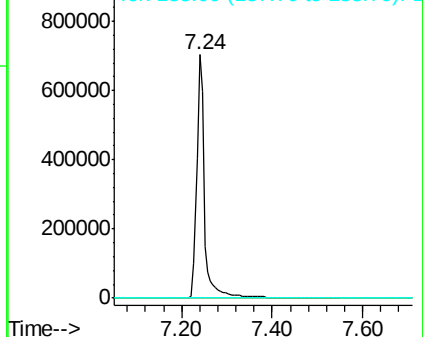
138 0.0 15.2 22.8#

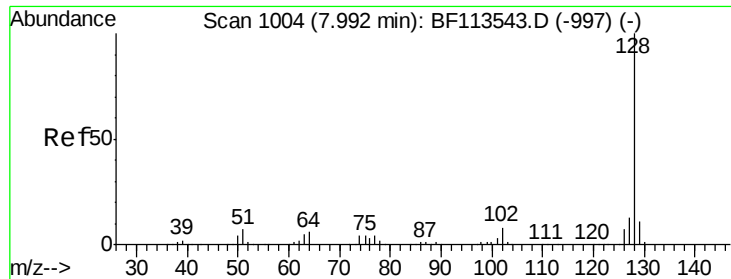


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

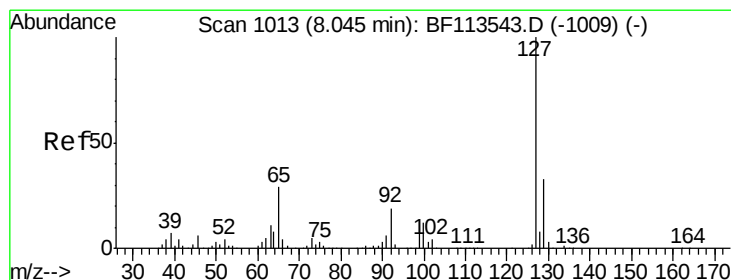
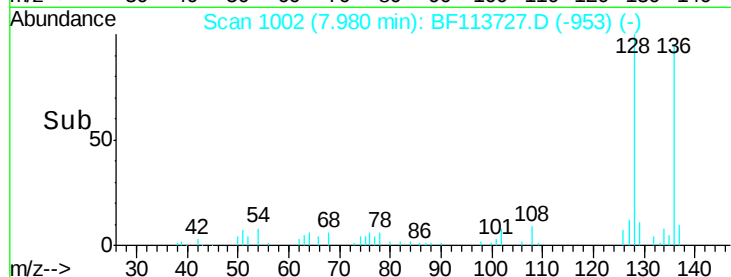
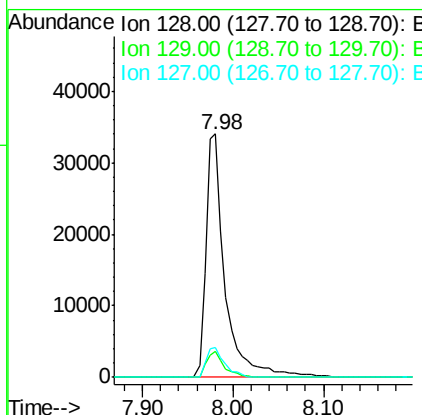
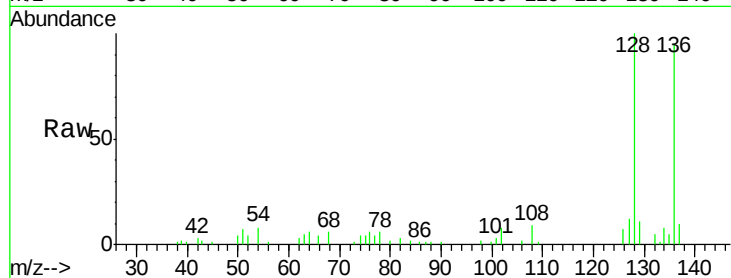




#31
Naphthalene
Concen: 2.360 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

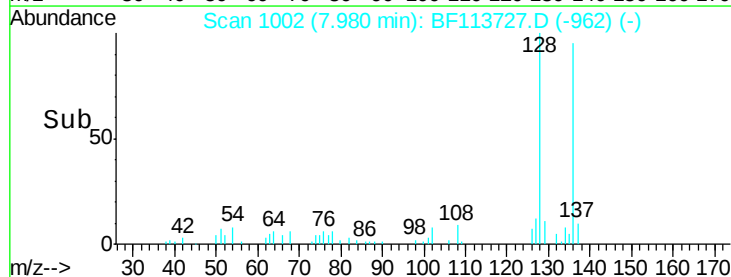
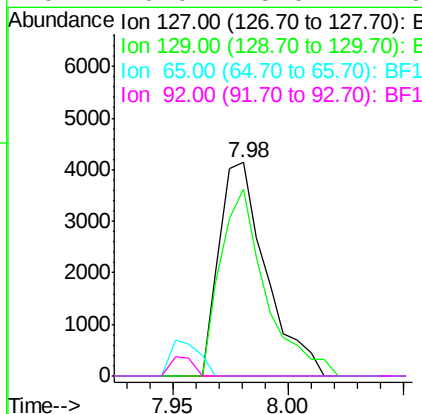
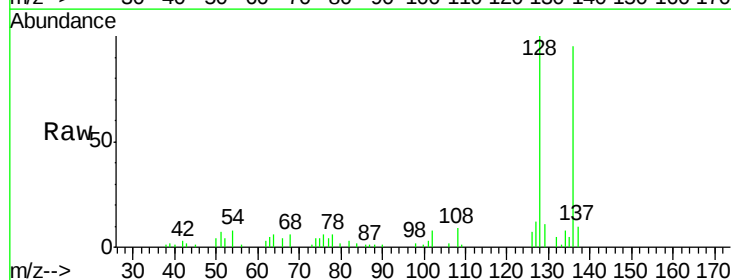
Instrument :
BNA_F
ClientSampleId :

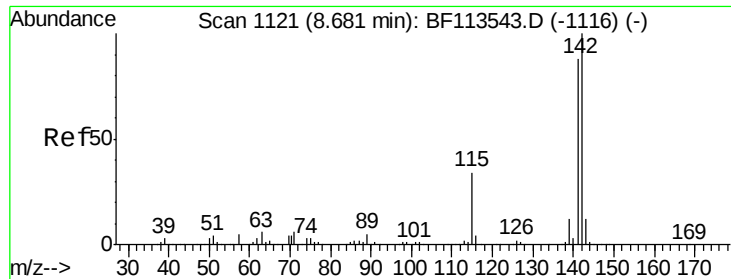
Tot Ion:128 Resp: 50334
Ion Ratio Lower Upper
128 100
129 10.6 9.3 13.9
127 12.2 10.9 16.3



#33
4-Chloroaniline
Concen: 0.691 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.06 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion:127 Resp: 5847
Ion Ratio Lower Upper
127 100
129 87.3 26.3 39.5#
65 0.0 24.2 36.4#
92 0.0 15.0 22.6#

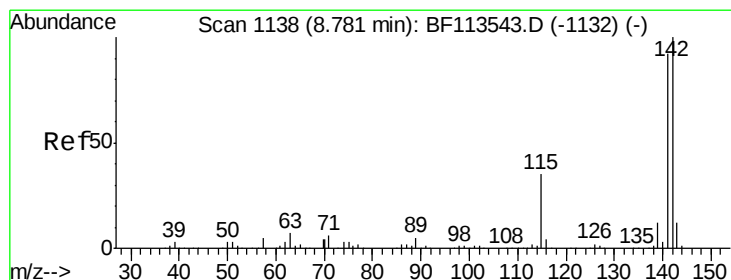
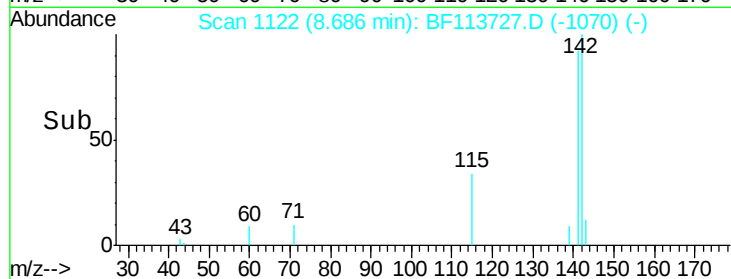
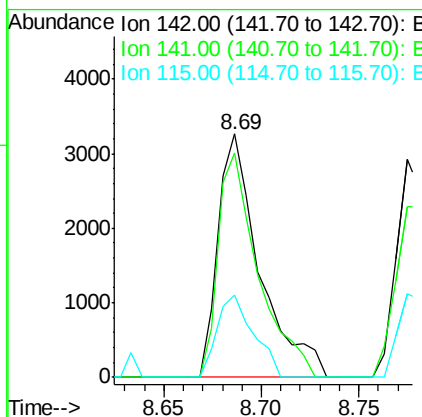
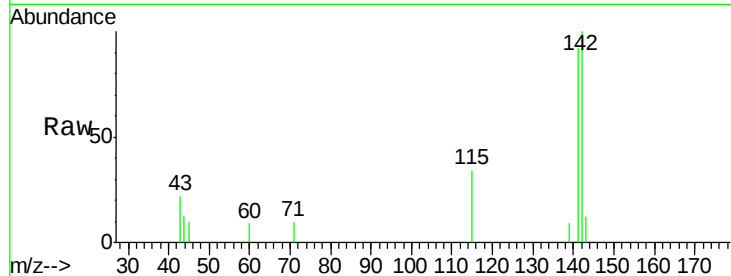




#37
2-Methylnaphthalene
Concen: 0.344 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

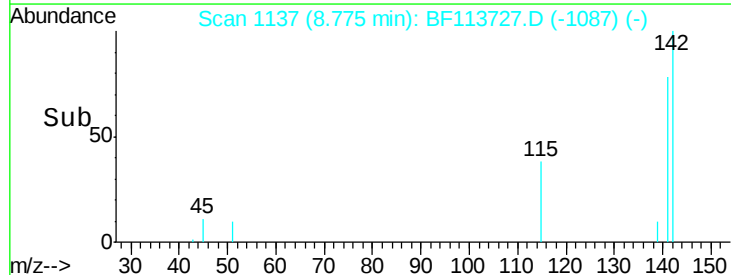
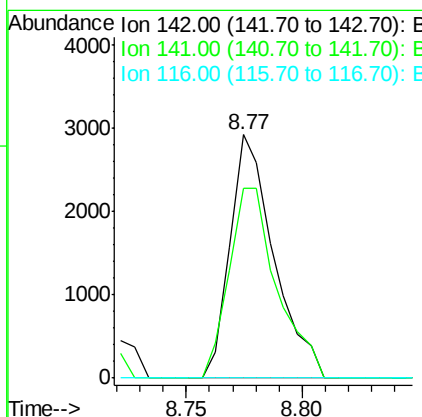
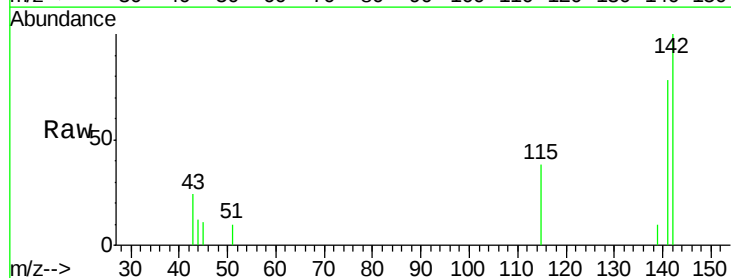
Instrument :
BNA_F
ClientSampleId :

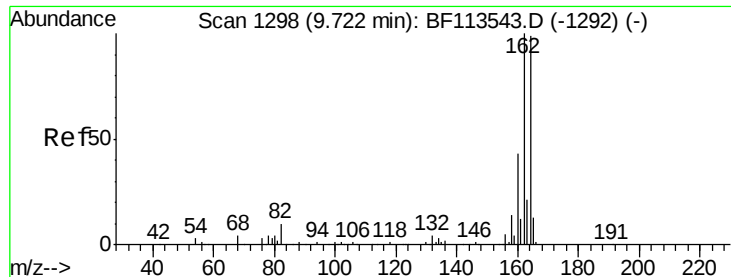
Tot Ion:142 Resp: 4824
Ion Ratio Lower Upper
142 100
141 92.3 71.0 106.6
115 33.8 26.6 39.8



#38
1-Methylnaphthalene
Concen: 0.285 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion:142 Resp: 3853
Ion Ratio Lower Upper
142 100
141 78.1 73.2 109.8
116 0.0 3.0 4.4#

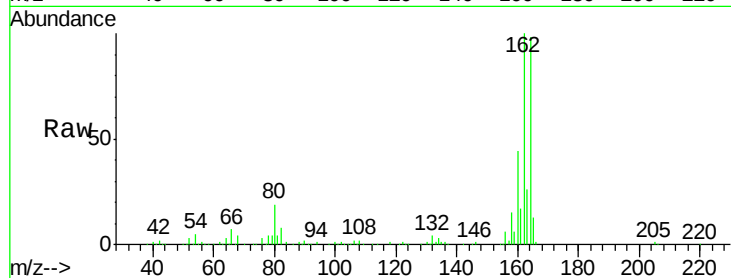




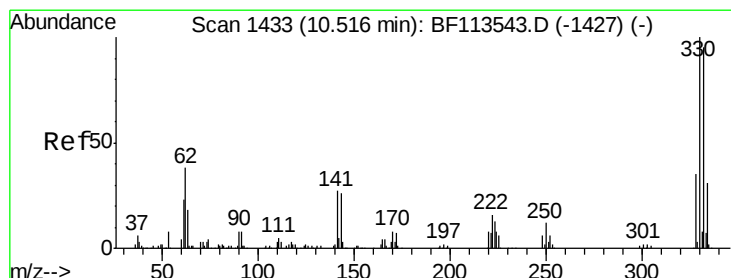
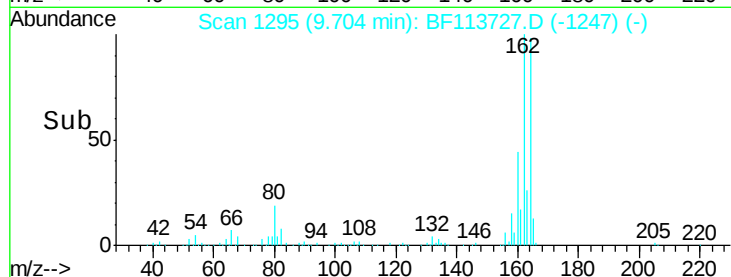
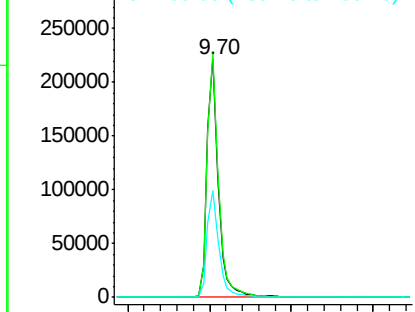
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 216044
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.8 122.6
 160 44.8 36.4 54.6

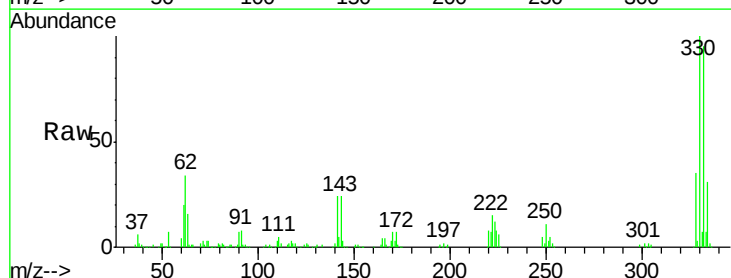


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

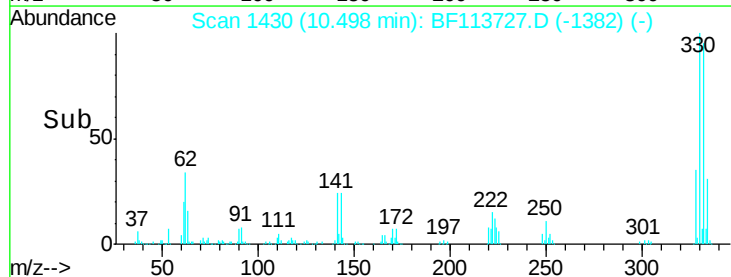
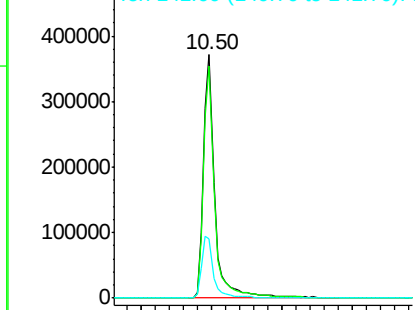


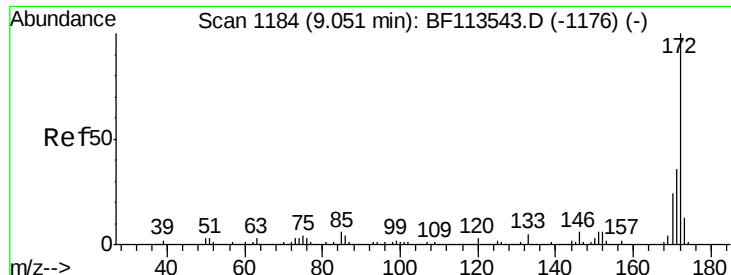
#42
 2,4,6-Tribromophenol
 Concen: 160.885 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

Tgt Ion:330 Resp: 417532
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 27.7 22.7 34.1



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

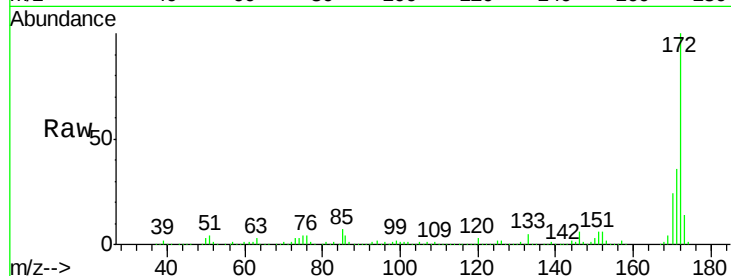




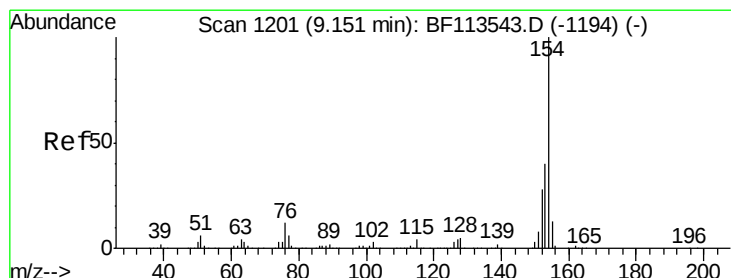
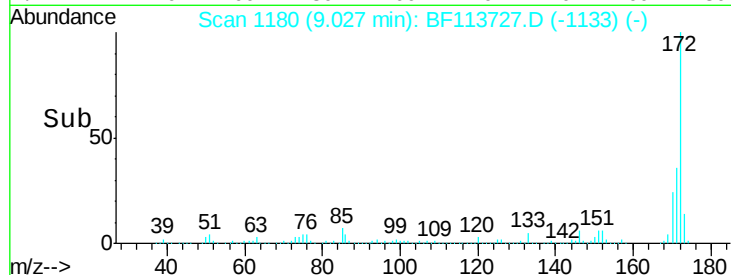
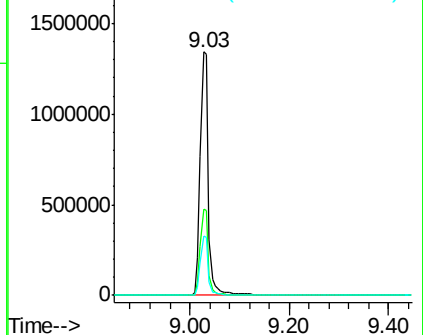
#45
2-Fluorobiphenyl
Concen: 113.850 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1527845
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 24.4 19.5 29.3

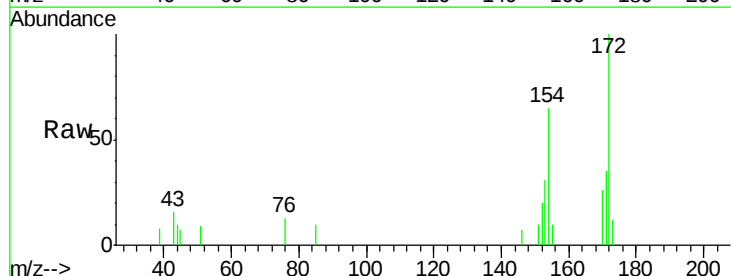


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

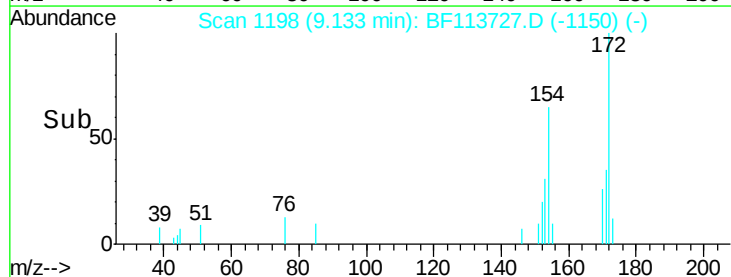
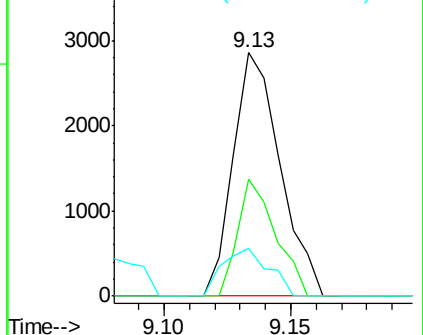


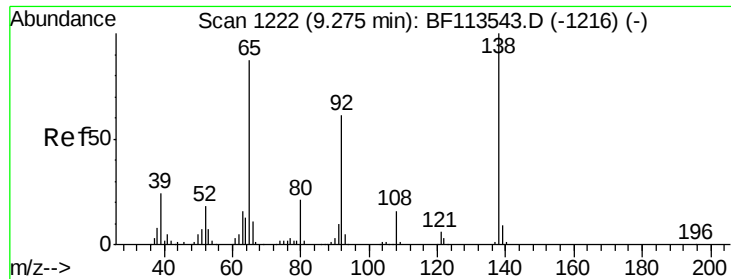
#46
1,1'-Biphenyl
Concen: 0.207 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion:154 Resp: 3690
Ion Ratio Lower Upper
154 100
153 48.2 20.8 60.8
76 19.7 0.0 31.9



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

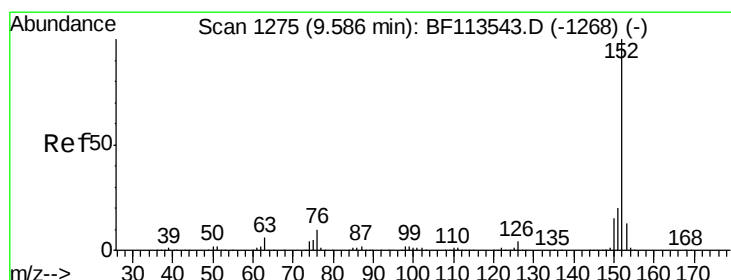
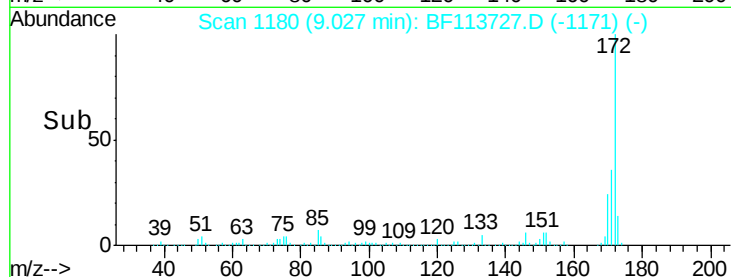
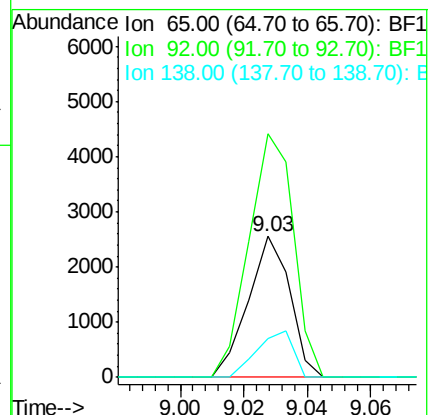
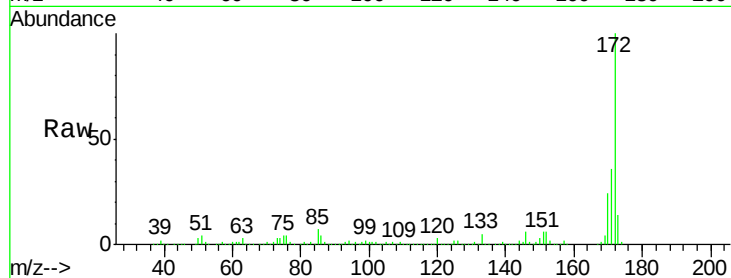




#48
2-Nitroaniline
Concen: 0.565 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.25 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

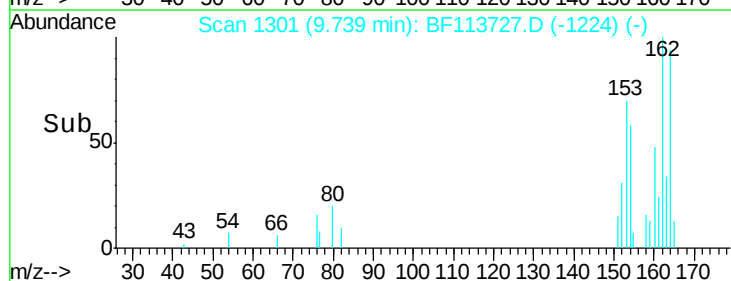
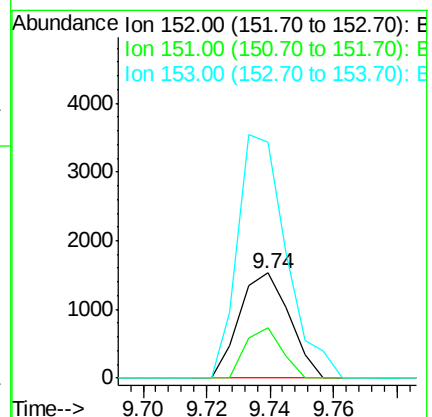
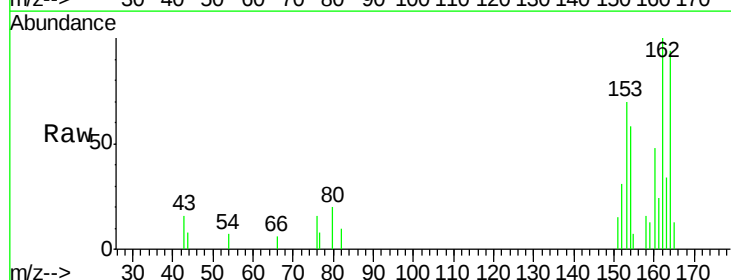
Instrument :
BNA_F
ClientSampleId :

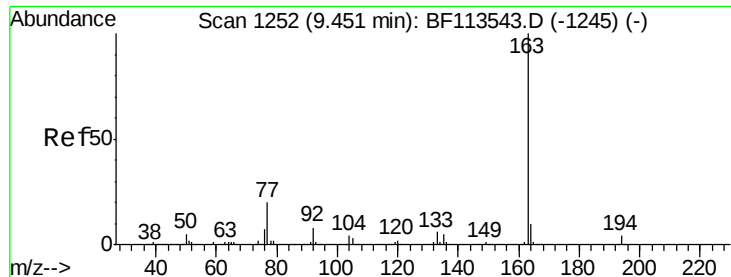
Tot Ion: 65 Resp: 2335
Ion Ratio Lower Upper
65 100
92 172.9 56.8 85.2#
138 27.3 92.3 138.5#



#49
Acenaphthylene
Concen: 0.076 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.15 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion: 152 Resp: 1669
Ion Ratio Lower Upper
152 100
151 48.4 16.2 24.4#
153 225.1 11.0 16.6#





#50

Dimethylphthalate

Concen: 3.118 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.25 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

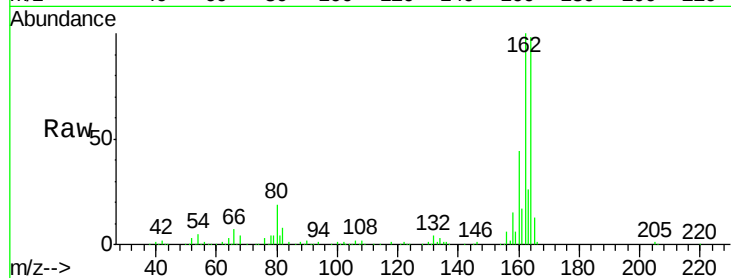
Tot Ion:163 Resp: 49662

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

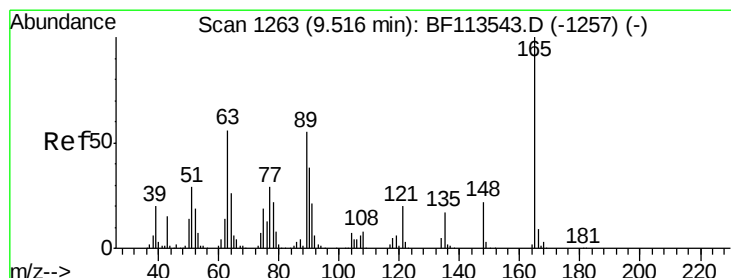
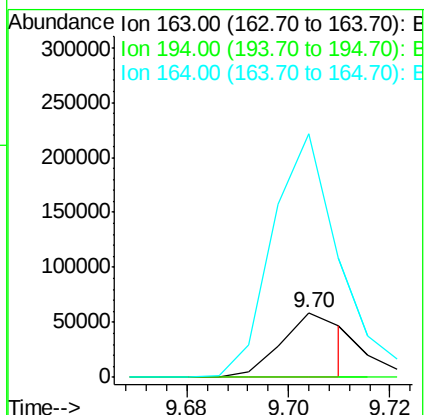
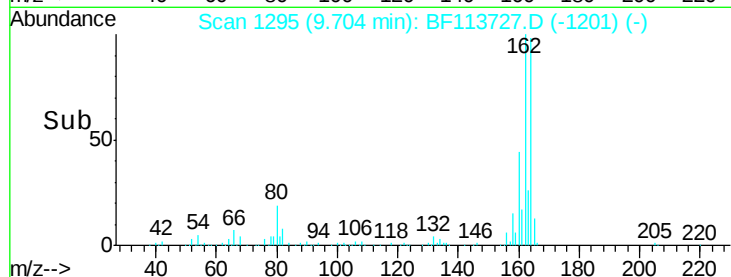
164 374.9 8.1 12.1#



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: 7.675 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.19 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

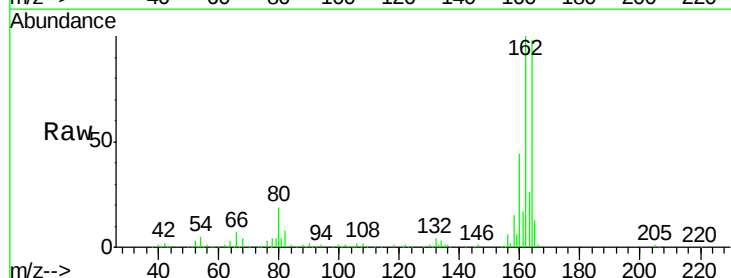
Tgt Ion:165 Resp: 26943

Ion Ratio Lower Upper

165 100

63 1.4 43.4 65.0#

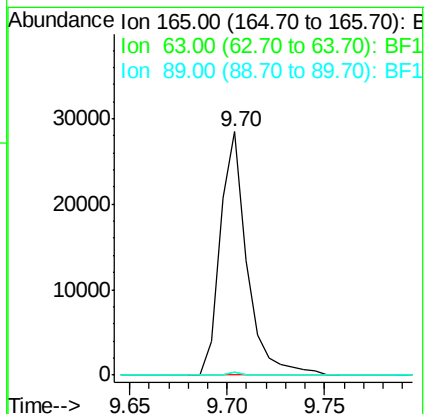
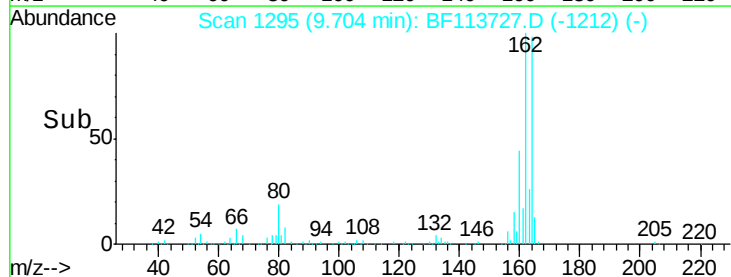
89 1.1 43.1 64.7#

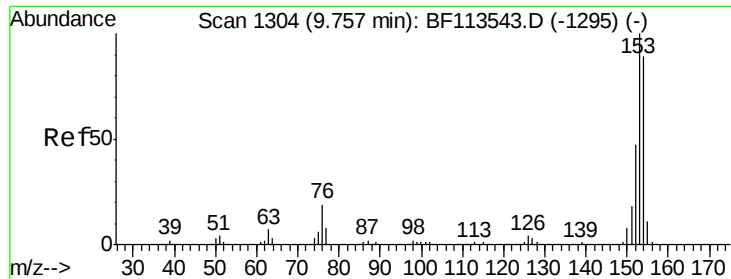


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.263 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

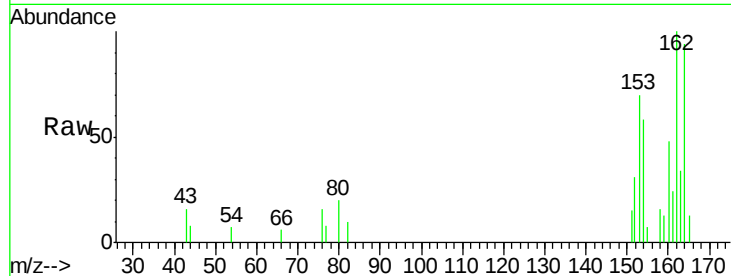
Tot Ion:154 Resp: 3304

Ion Ratio Lower Upper

154 100

153 121.0 89.5 134.3

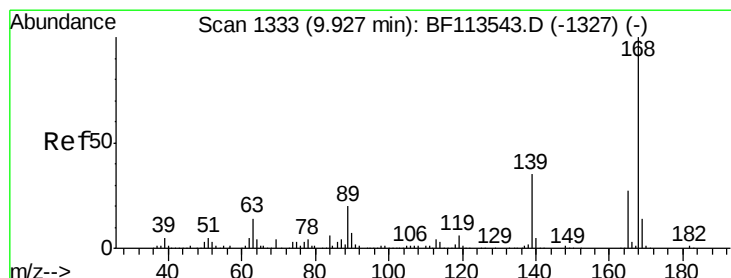
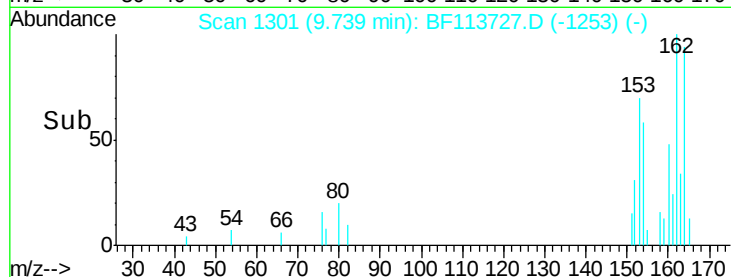
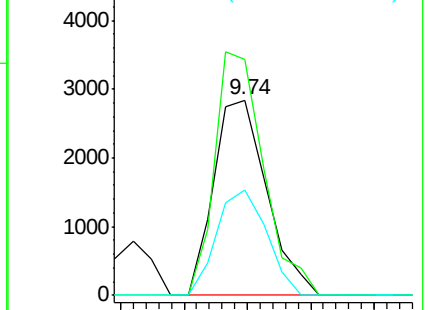
152 53.7 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 0.211 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

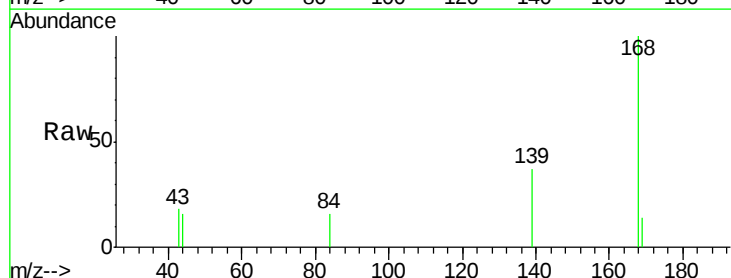
Tgt Ion:168 Resp: 3894

Ion Ratio Lower Upper

168 100

139 37.2 29.7 44.5

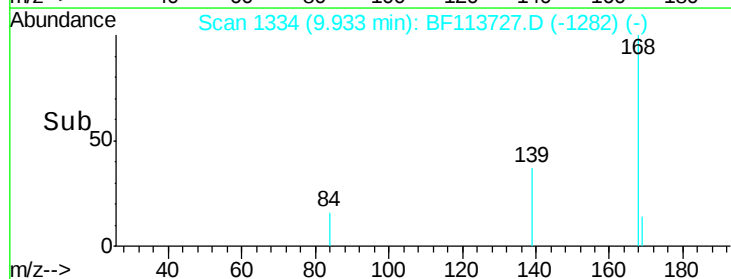
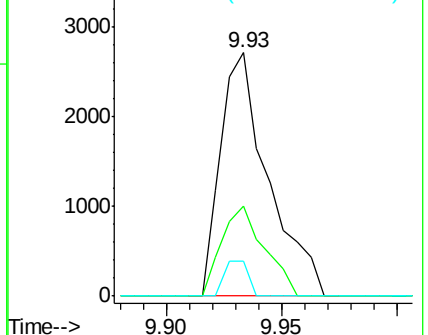
169 14.3 10.7 16.1

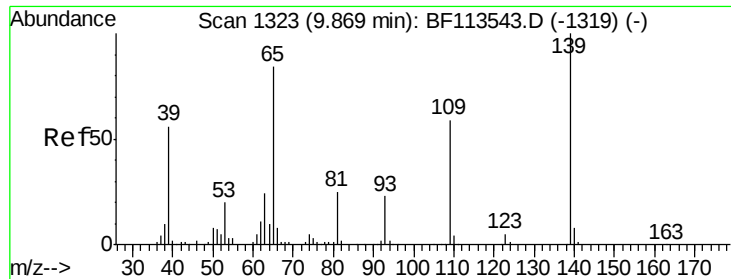


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

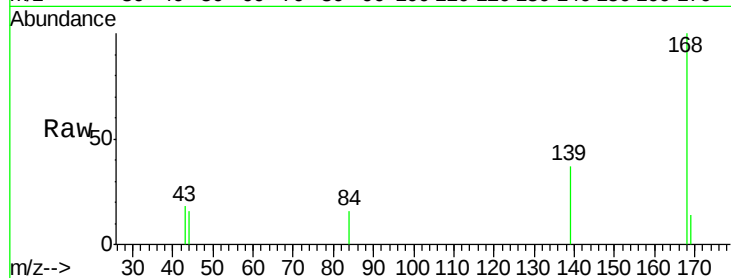




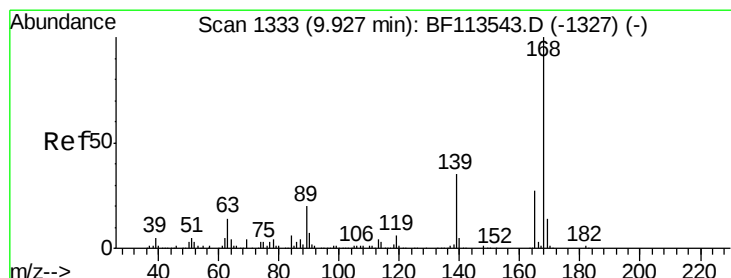
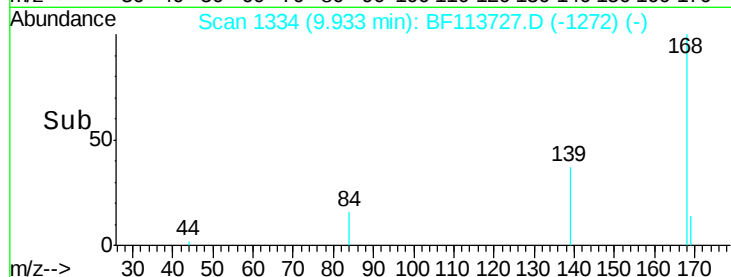
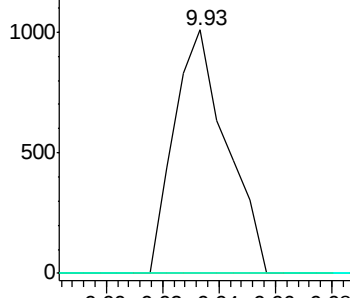
#56
4-Nitrophenol
Concen: 0.524 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.06 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	46.9	86.9#
65	0.0	77.2	117.2#

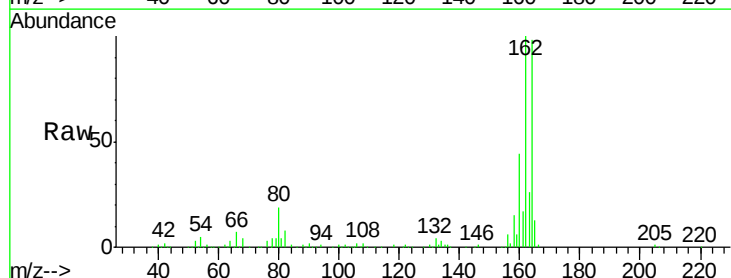


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

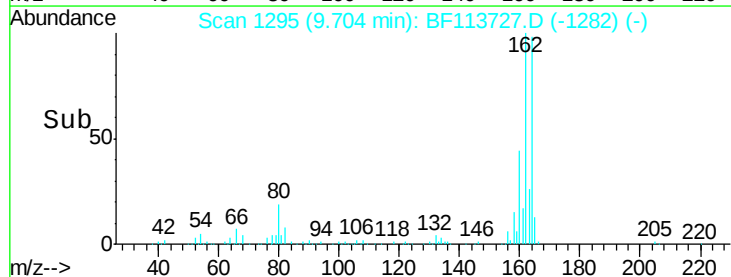
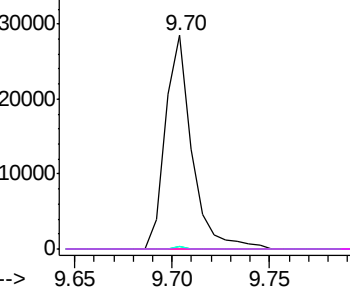


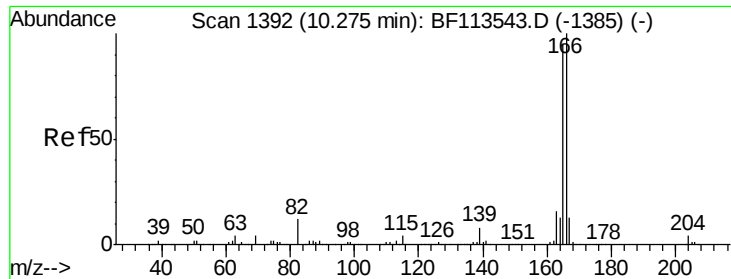
#57
2,4-Dinitrotoluene
Concen: 6.346 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.22 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	37.5	56.3#
89	1.1	57.4	86.2#
182	0.0	2.0	3.0#



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: 0.295 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

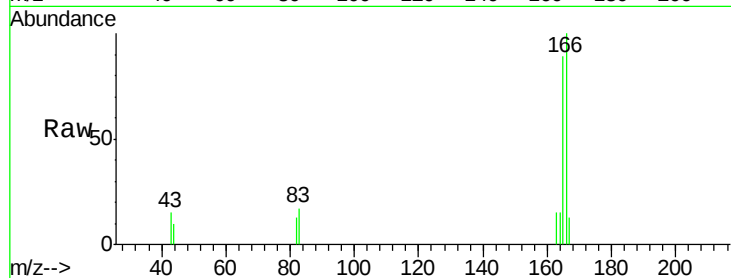
Tot Ion:166 Resp: 4306

Ion Ratio Lower Upper

166 100

165 89.2 76.2 114.2

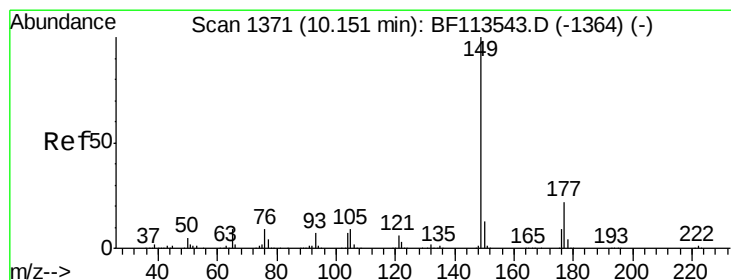
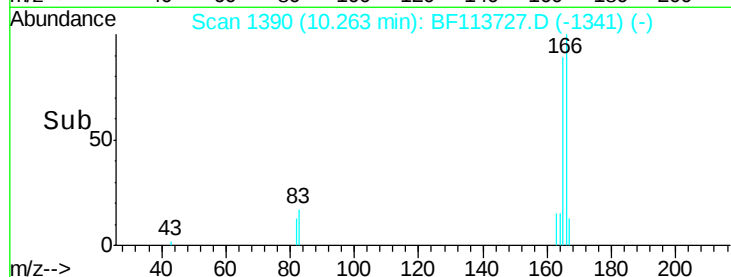
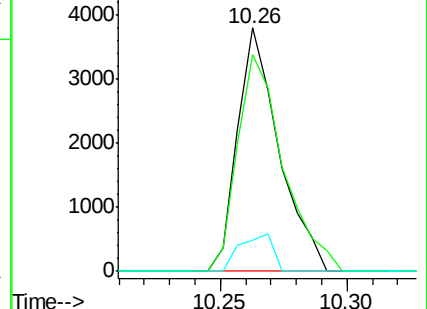
167 12.7 10.7 16.1



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



#60

Diethylphthalate

Concen: 0.046 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

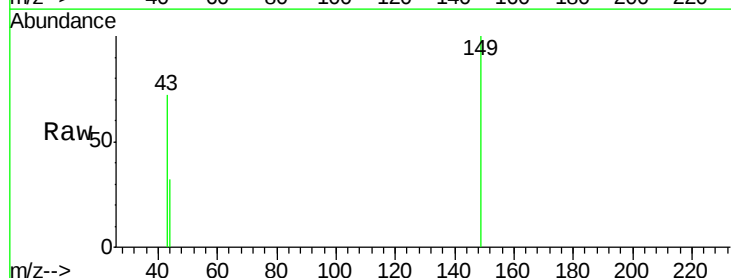
Tgt Ion:149 Resp: 702

Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.0#

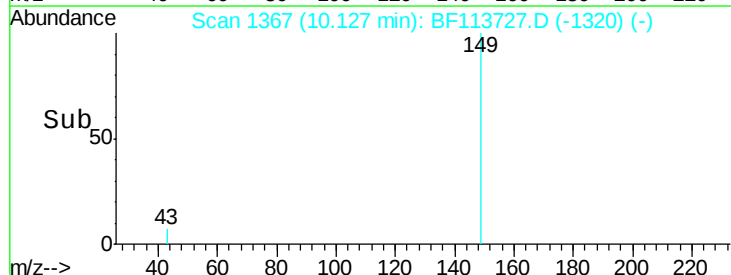
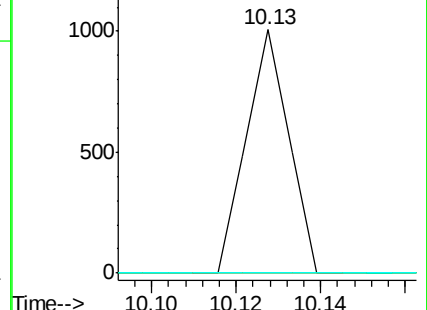
150 0.0 10.0 15.0#

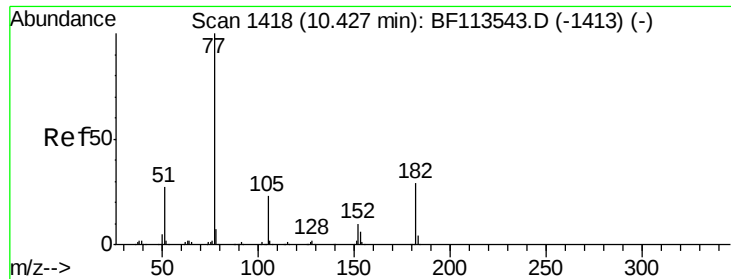


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.088 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.07 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1281

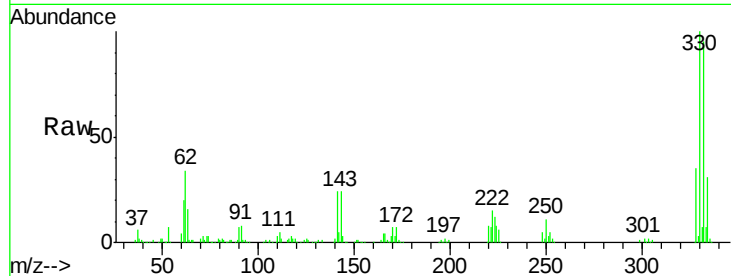
Ion Ratio Lower Upper

77 100

182 0.0 8.7 48.7#

105 86.3 2.9 42.9#

51 81.9 8.8 48.8#

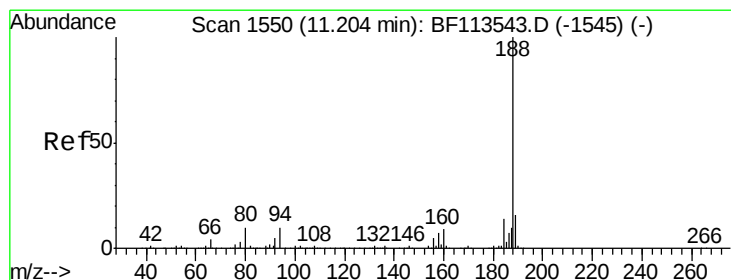
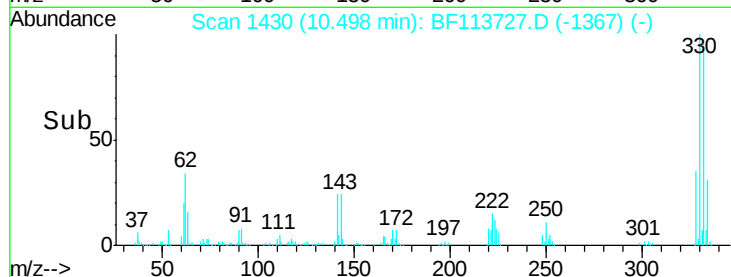
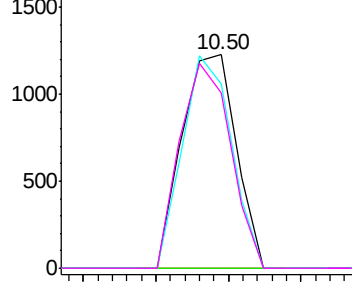


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

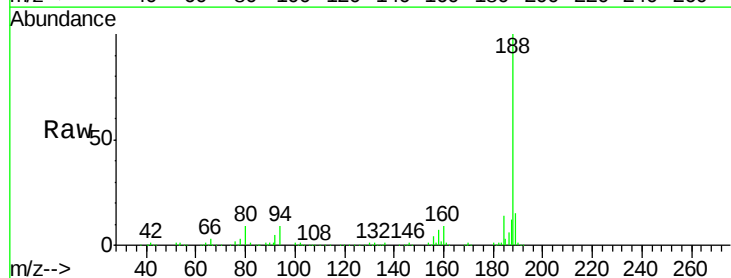
Tgt Ion: 188 Resp: 435276

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

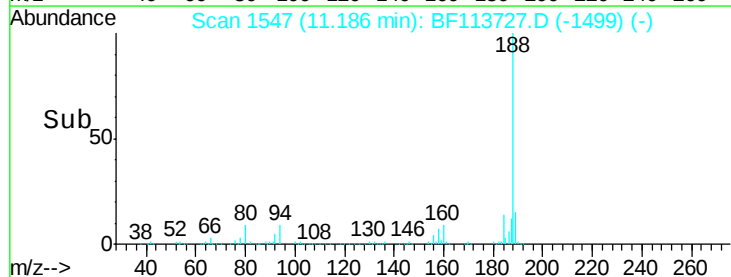
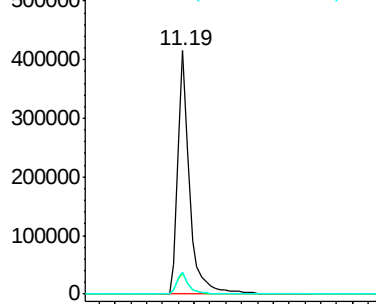
80 9.4 7.7 11.5

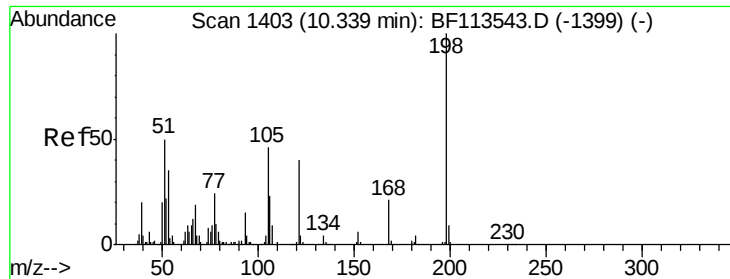


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 0.256 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.16 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

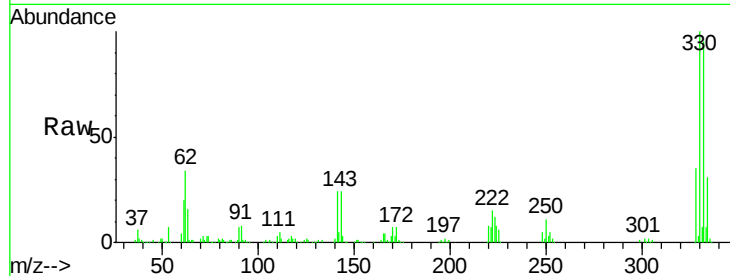
Tot Ion:198 Resp: 586

Ion Ratio Lower Upper

198 100

51 167.5 21.6 61.6#

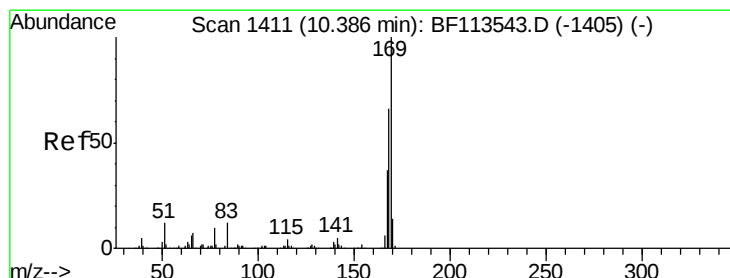
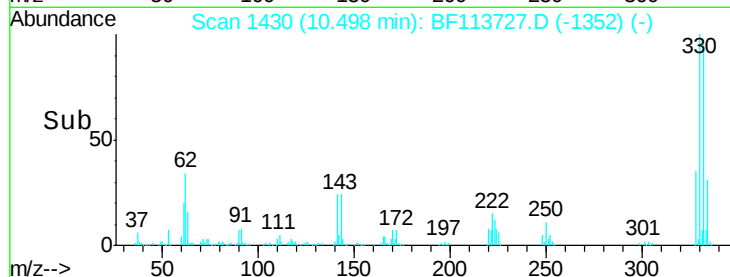
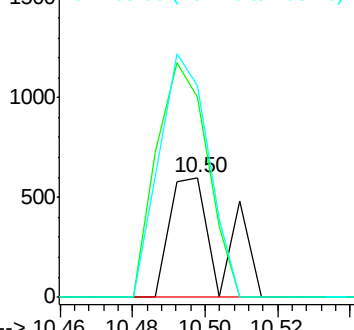
105 176.5 20.6 60.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.786 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.11 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

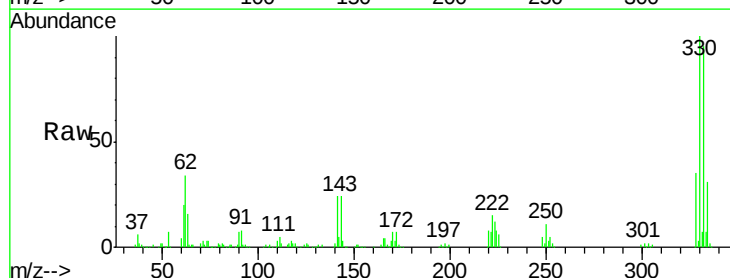
Tgt Ion:169 Resp: 10497

Ion Ratio Lower Upper

169 100

168 6.5 53.7 80.5#

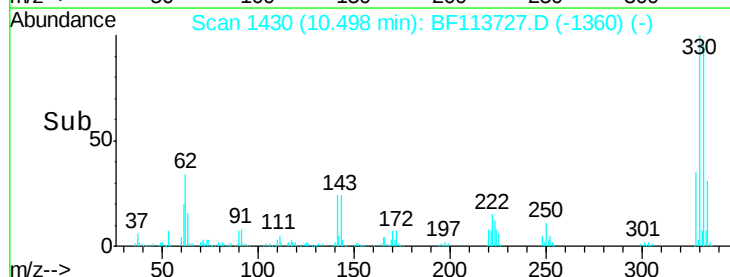
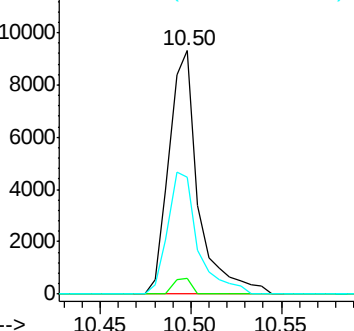
167 48.0 29.5 44.3#

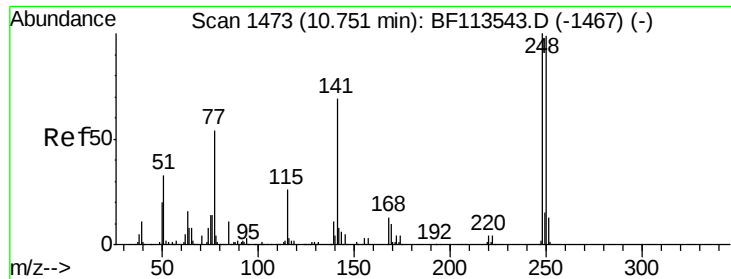


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

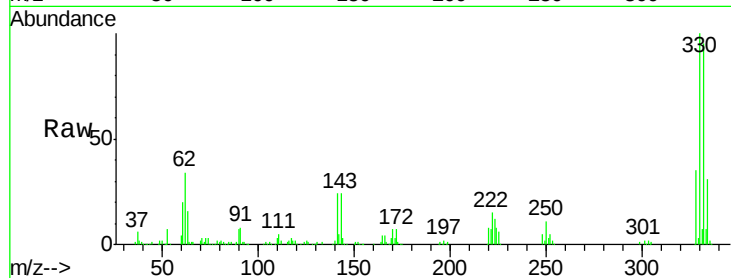




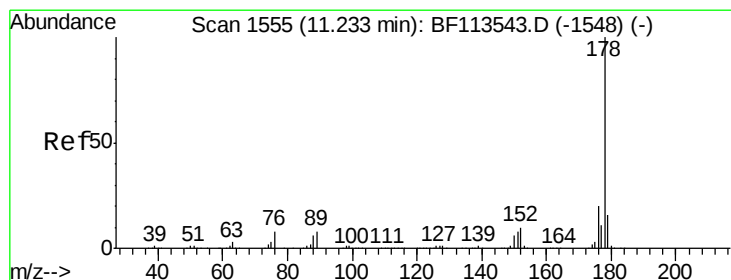
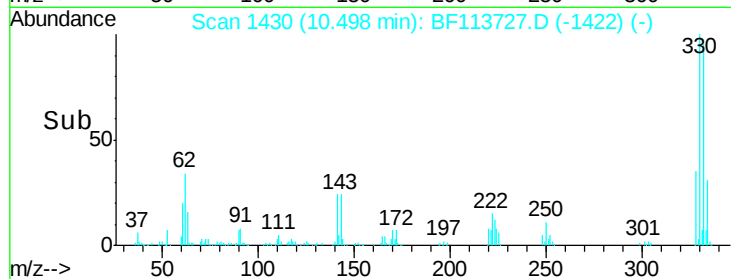
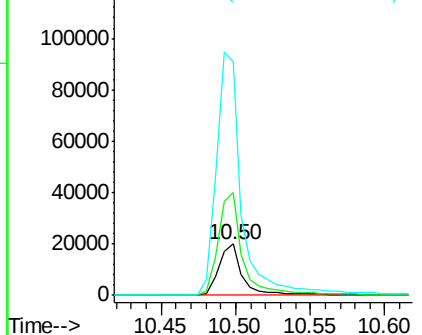
#67
 4-Bromophenyl-phenylether
 Concen: 4.607 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 22489
 Ion Ratio Lower Upper
 248 100
 250 201.4 78.3 117.5#
 141 456.9 56.2 84.4#

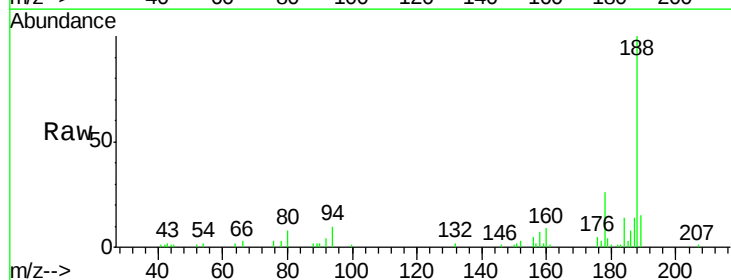


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

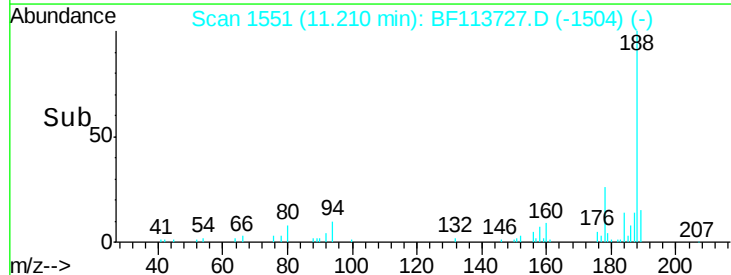
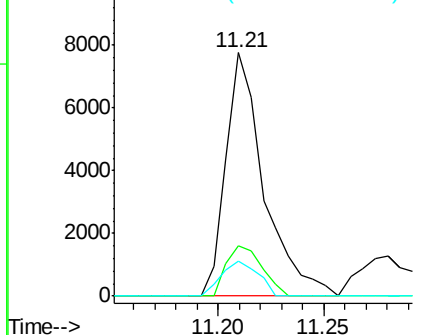


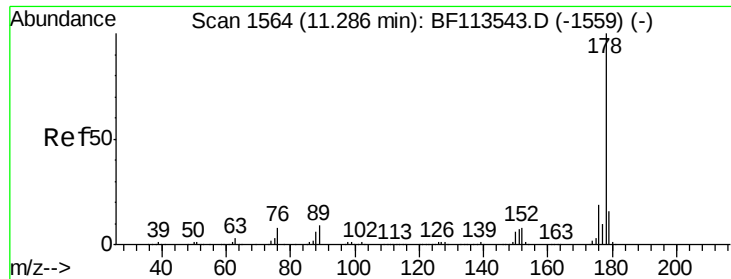
#71
 Phenanthrene
 Concen: 0.447 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.02 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

Tgt Ion:178 Resp: 9663
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.2
 179 14.5 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: 0.439 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.08 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

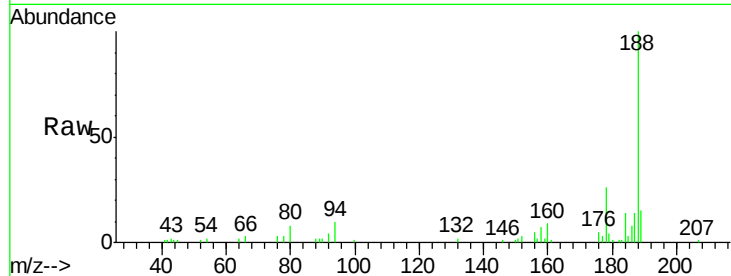
Tot Ion:178 Resp: 9663

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.2

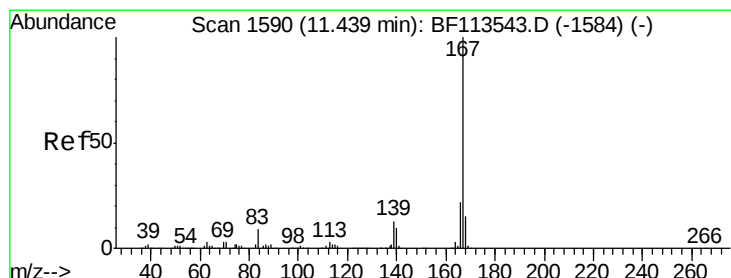
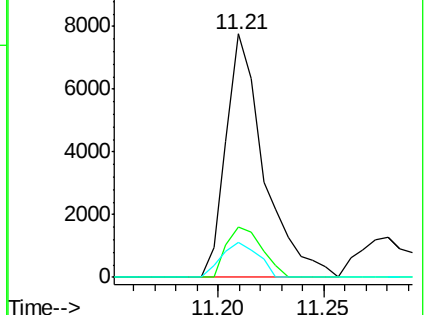
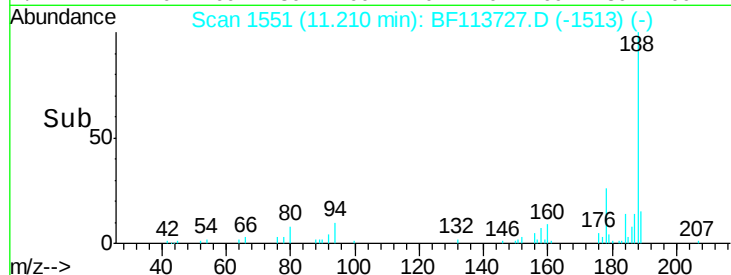
179 14.5 12.8 19.2



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: 0.491 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

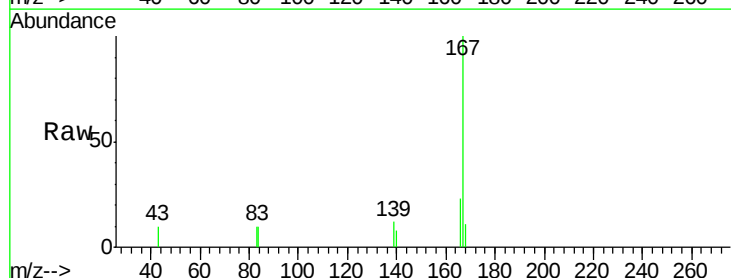
Tgt Ion:167 Resp: 10100

Ion Ratio Lower Upper

167 100

166 23.2 17.4 26.0

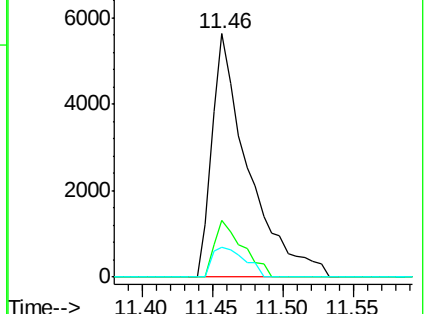
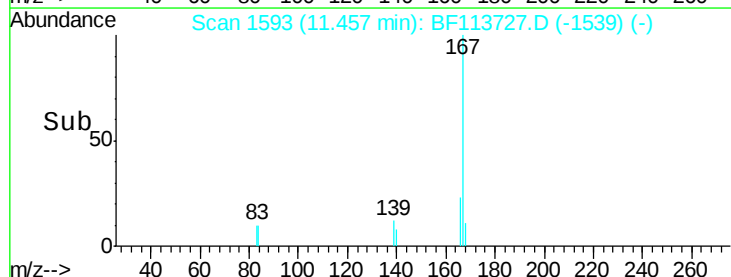
139 12.3 10.4 15.6

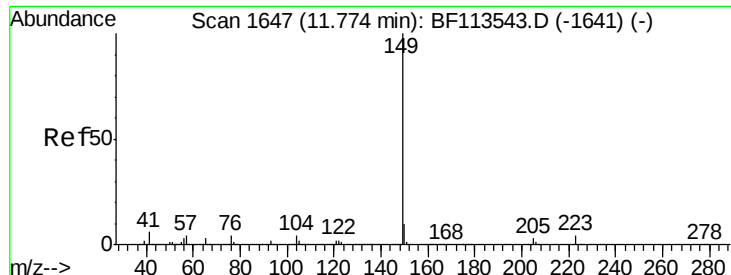


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.110 ng

RT: 11.75 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

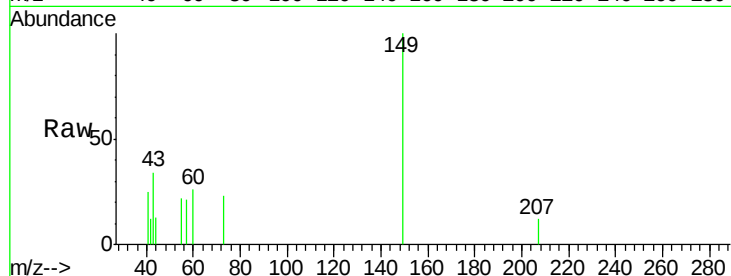
Tot Ion:149 Resp: 2698

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

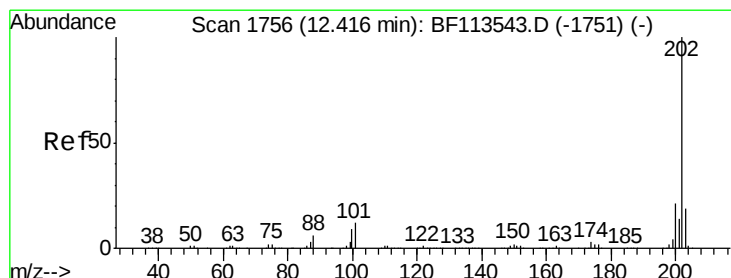
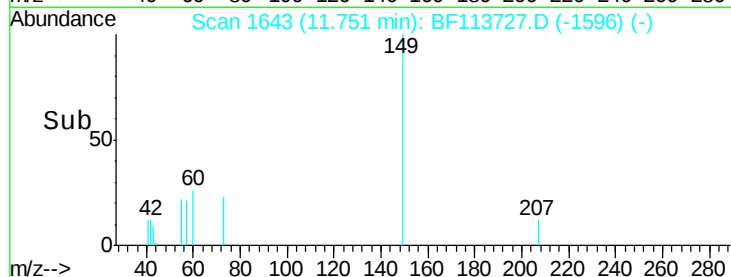
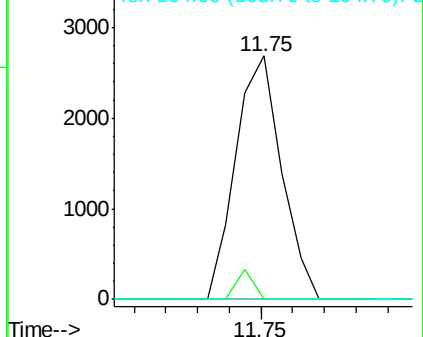
104 0.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.082 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

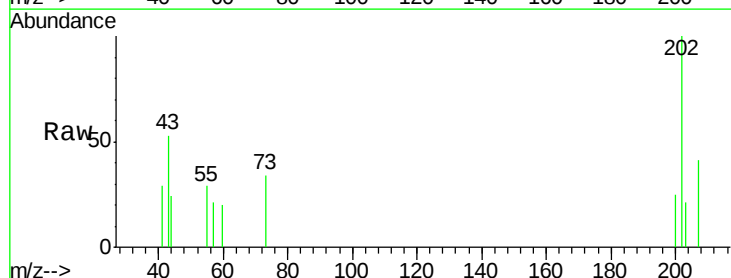
Tgt Ion:202 Resp: 1893

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.4

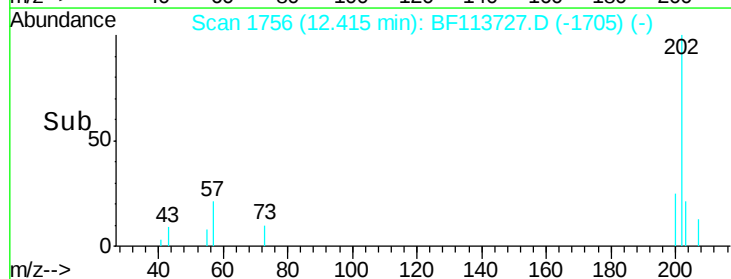
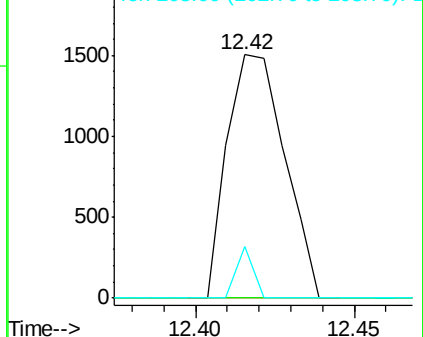
203 21.2 0.0 38.0

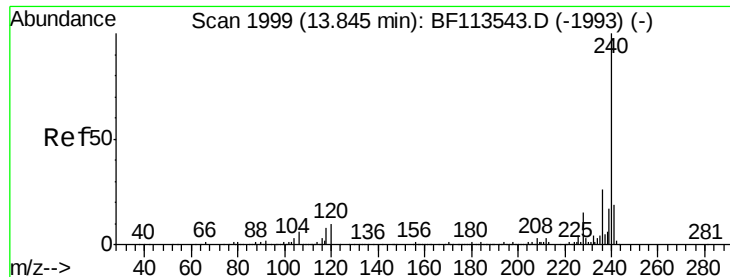


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

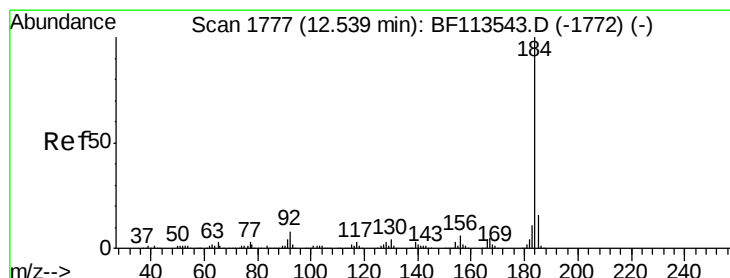
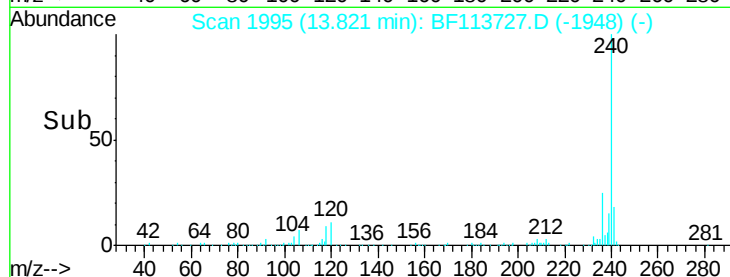
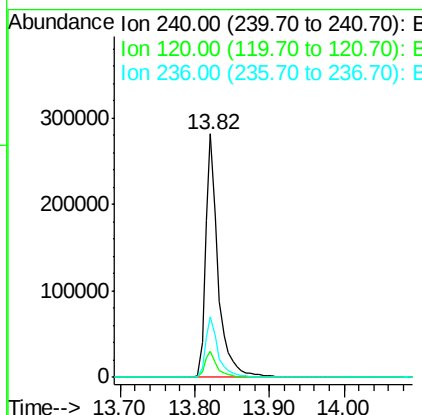
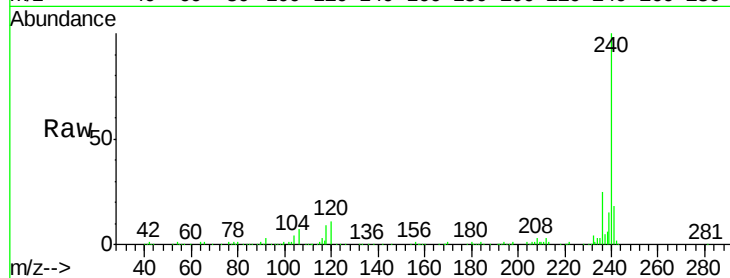




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

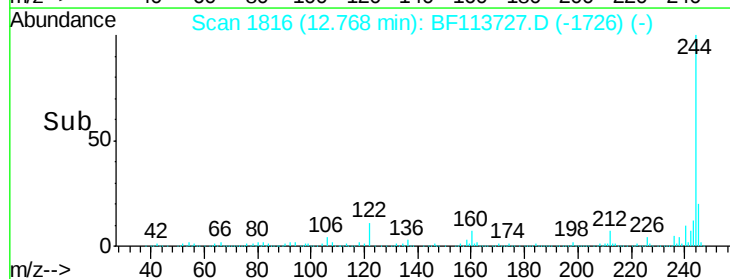
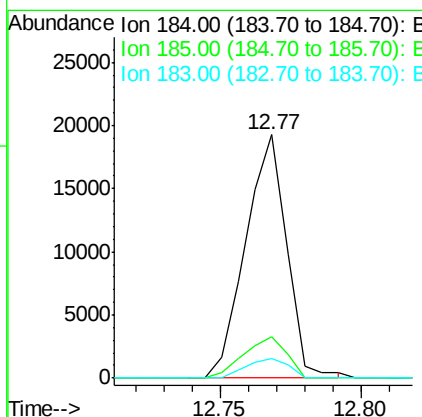
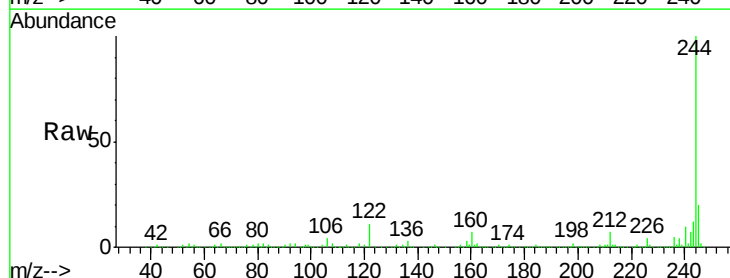
Instrument :
BNA_F
ClientSampleId :

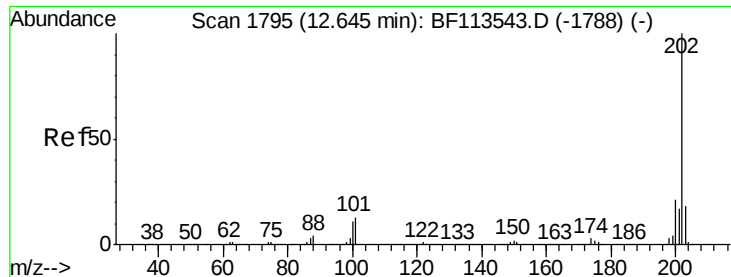
Tot Ion:240 Resp: 324960
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.0 20.9 31.3



#77
Benzidine
Concen: 1.608 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.23 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion:184 Resp: 19431
Ion Ratio Lower Upper
184 100
185 17.0 13.0 19.6
183 8.3 9.0 13.4#

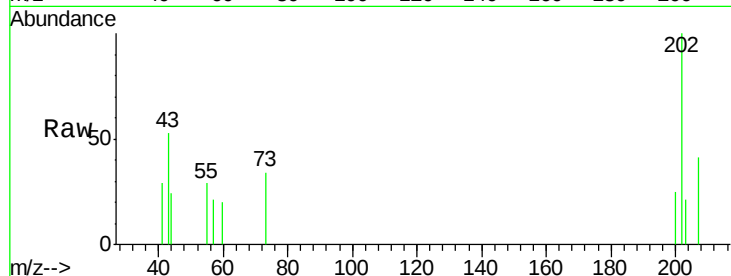




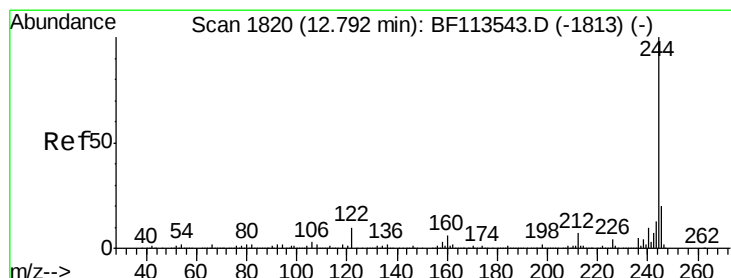
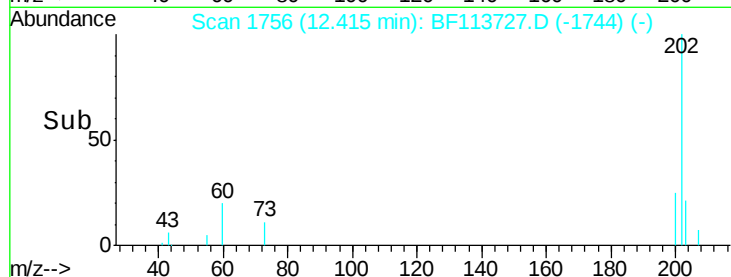
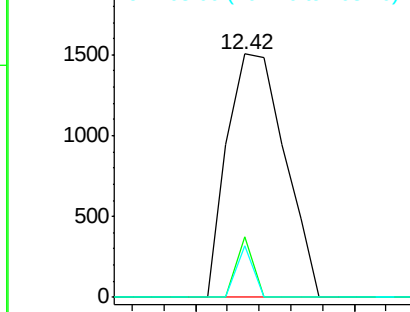
#78
 Pvrene
 Concen: 0.077 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.23 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.6	16.8	25.2
203	21.2	14.4	21.6

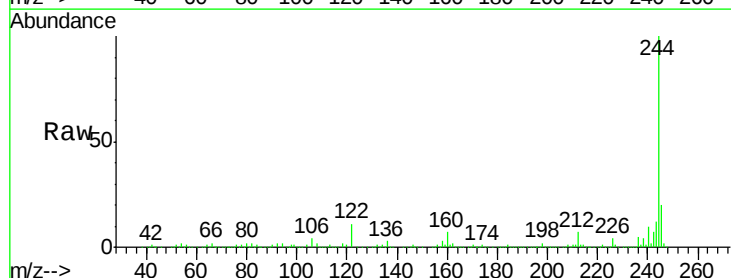


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

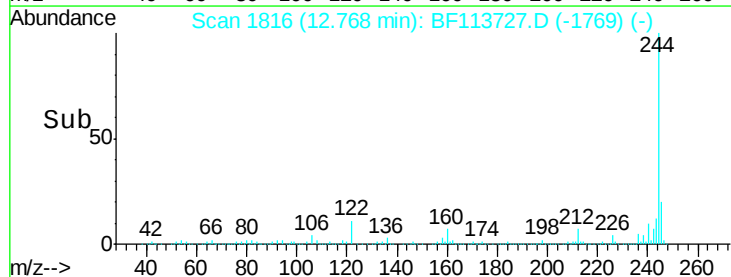
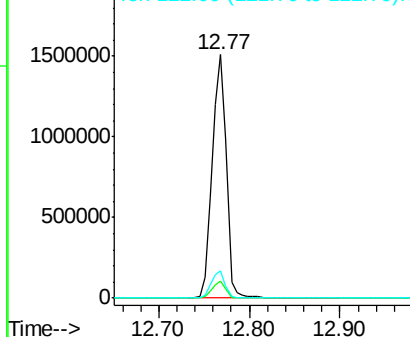


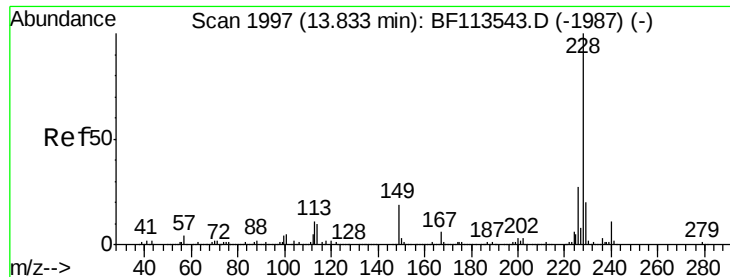
#79
 Terphenyl-d14
 Concen: 103.708 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	11.1	8.6	13.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 0.048 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

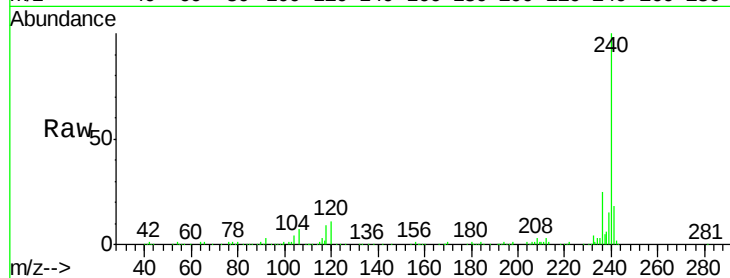
Tot Ion:228 Resp: 907

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

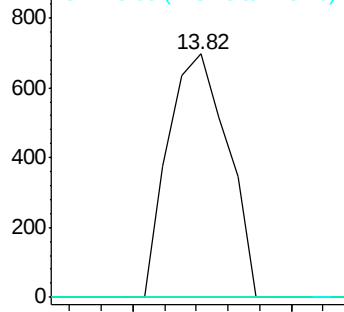
229 0.0 16.2 24.4#



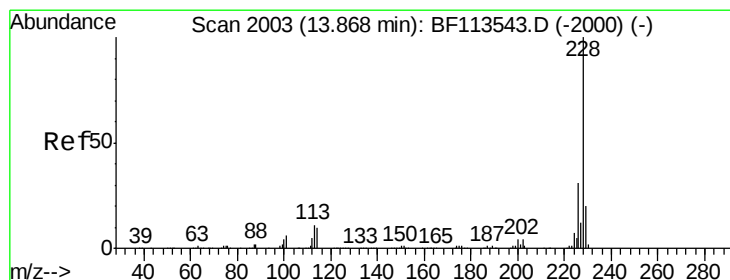
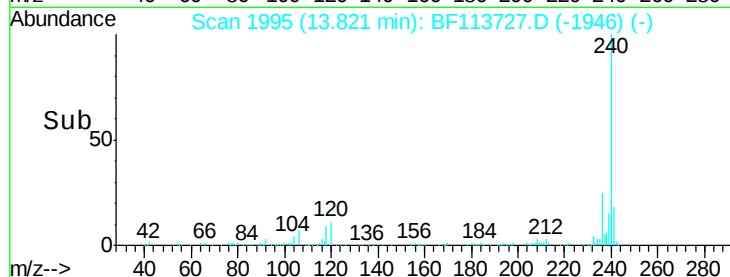
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Chrysene

Concen: 0.048 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.05 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

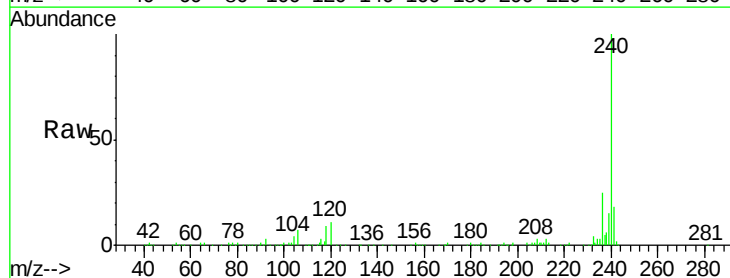
Tgt Ion:228 Resp: 907

Ion Ratio Lower Upper

228 100

226 0.0 24.3 36.5#

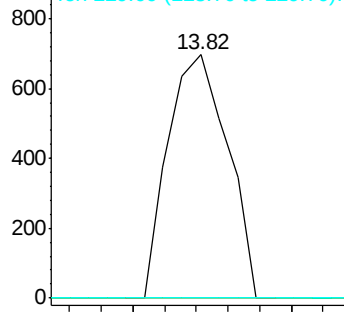
229 0.0 16.3 24.5#



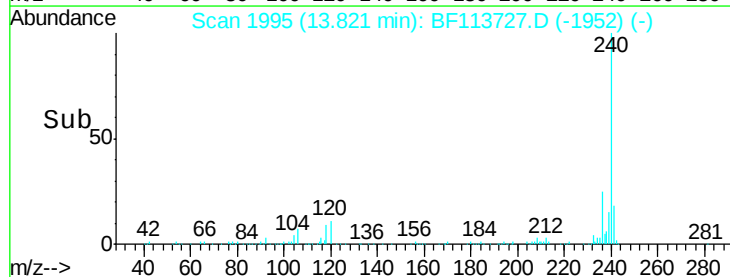
Abundance Ion 228.00 (227.70 to 228.70): E

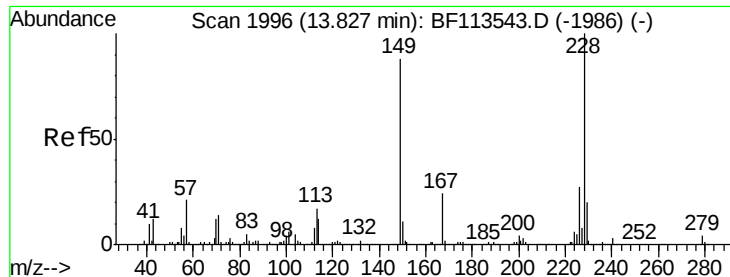
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.070 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

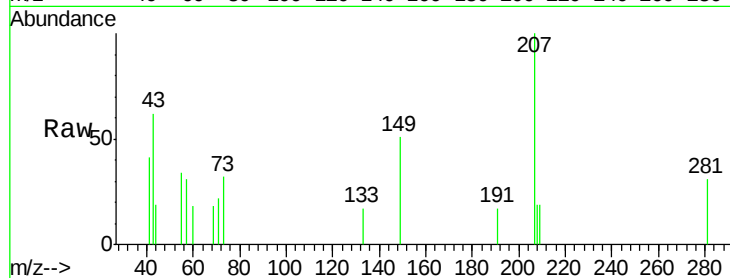
Tot Ion:149 Resp: 856

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

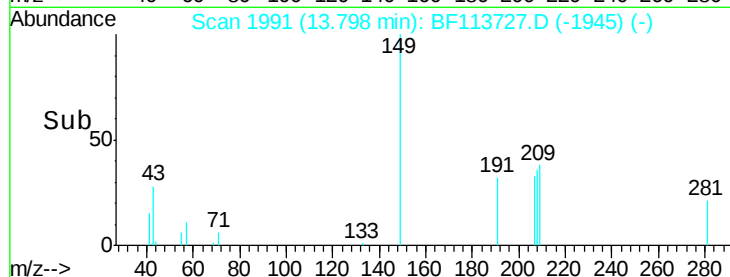
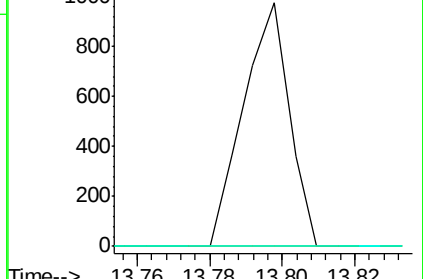
279 0.0 2.9 4.3#



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: 0.006 ng

RT: 14.39 min Scan# 2091

Delta R.T. -0.05 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

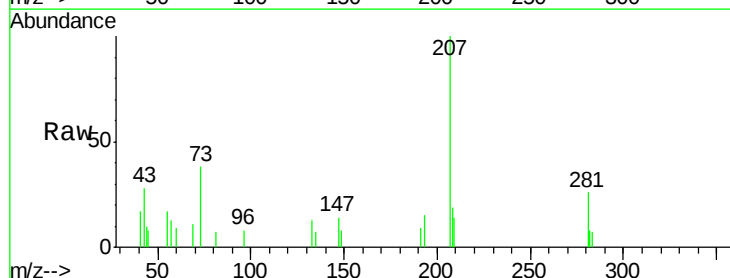
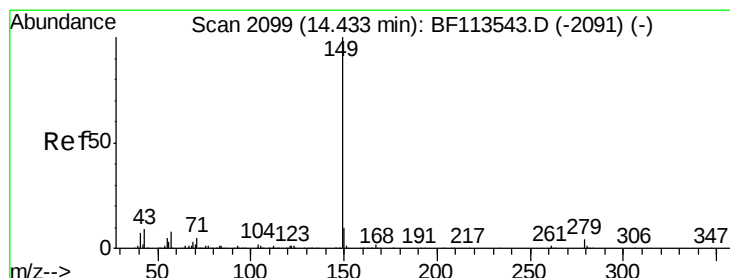
Tgt Ion:149 Resp: 112

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

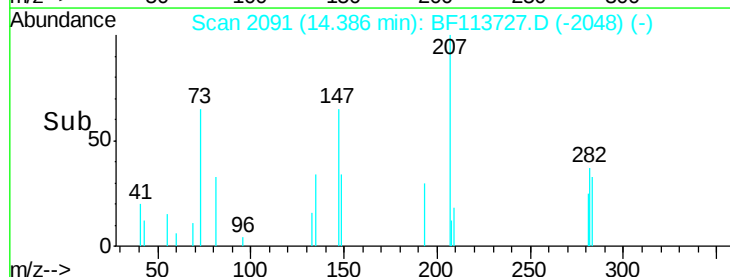
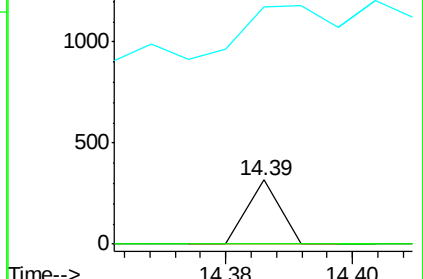
43 233.9 7.7 11.5#

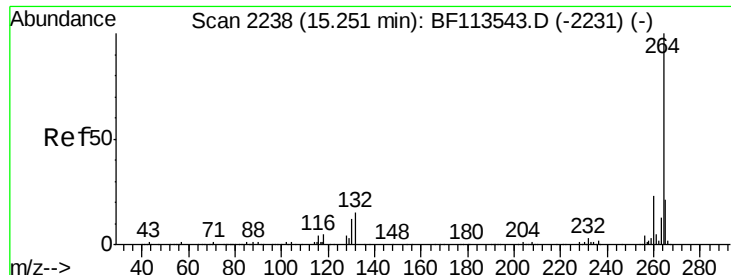


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

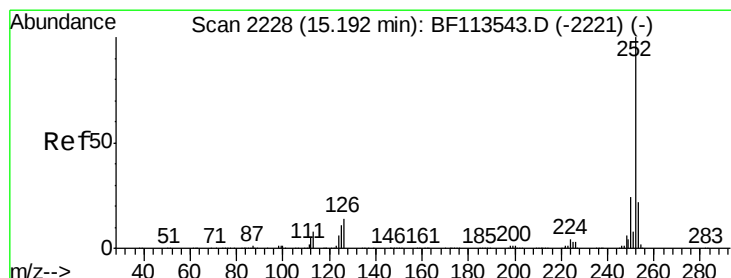
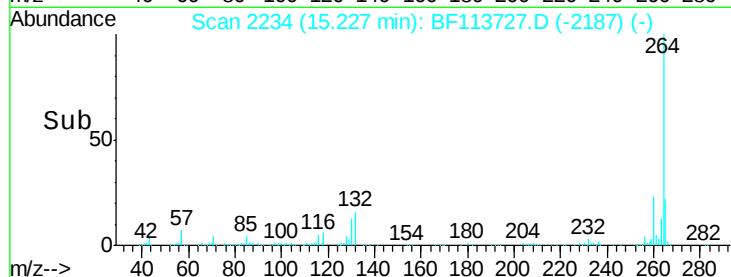
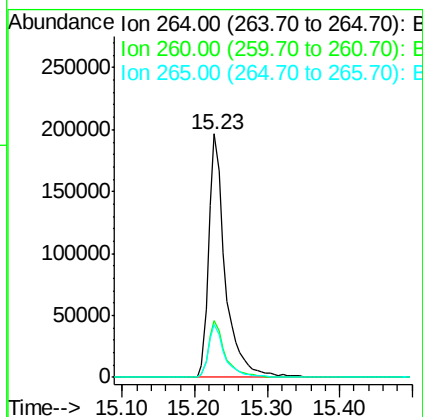
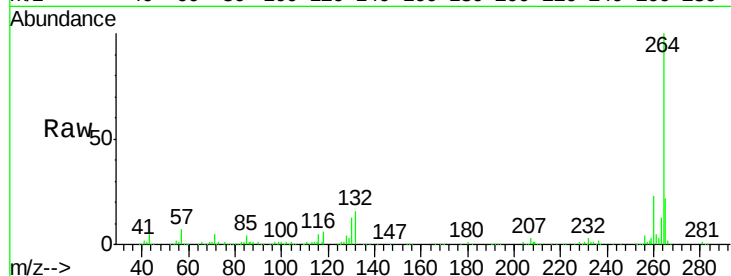




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 311321
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.8 17.1 25.7



#90
Benzo(a)pyrene
Concen: 0.051 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.04 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion:252 Resp: 869
Ion Ratio Lower Upper
252 100
253 44.7 17.9 26.9#
125 82.3 8.8 13.2#

