

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
 Data File : BF112945.D
 Acq On : 8 Mar 2019 15:38
 Operator : JU/SJ
 Sample : K1800-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 22:07:59 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 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	165255	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	607712	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	300870	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	608924	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	506756	20.00	ng	-0.02
87) Perylene-d12	15.26	264	445122	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	469677	44.21	ng	-0.01
7) Phenol-d6	6.36	99	394681	29.58	ng	-0.01
23) Nitrobenzene-d5	7.29	82	812875	80.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	419791	131.43	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1486917	80.82	ng	-0.01
79) Terphenyl-d14	12.82	244	1684700	64.44	ng	0.00

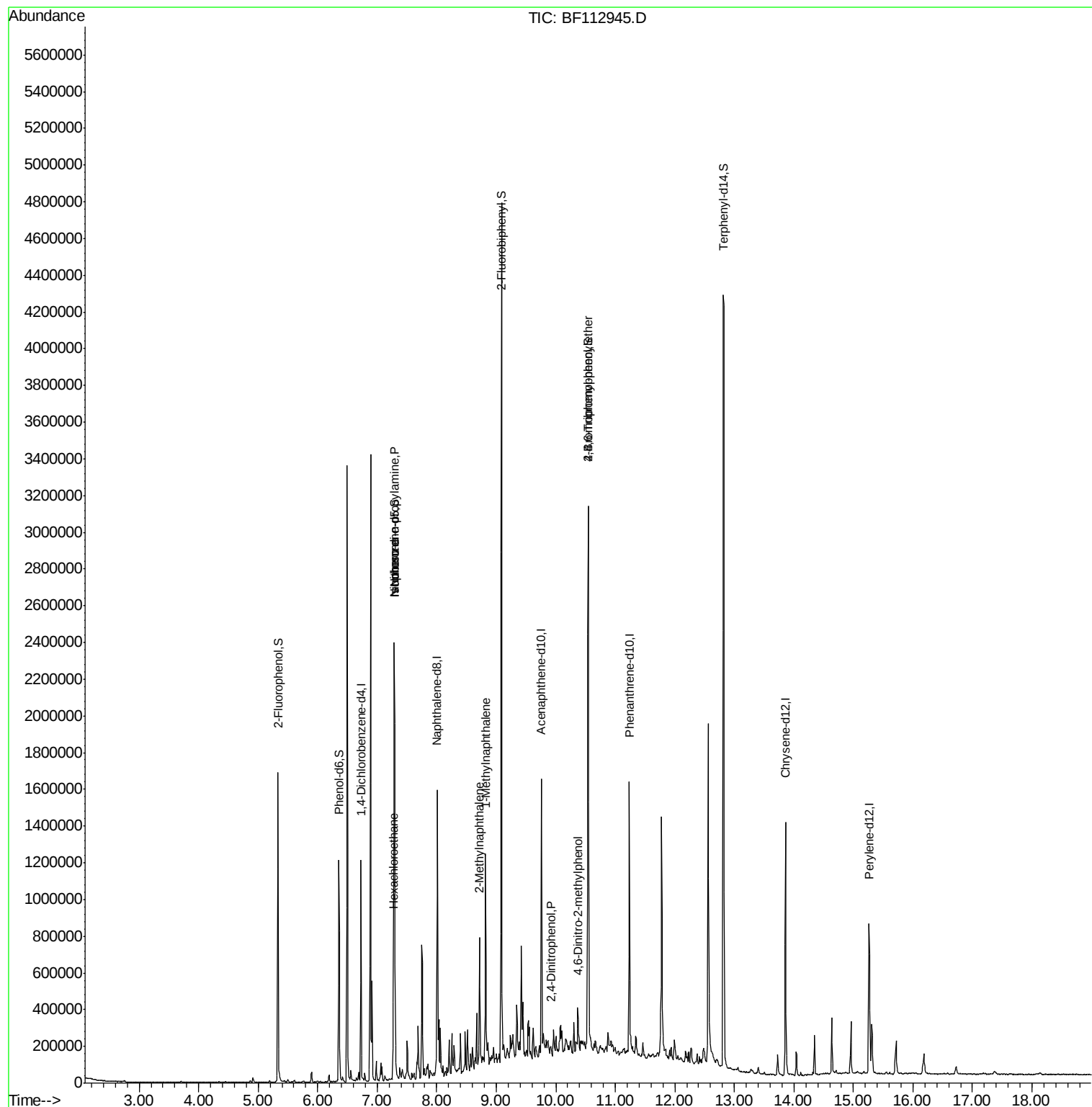
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.27	117	36467	7.770	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	106140	12.558	ng	# 75
25) Isophorone	7.29	82	804140	36.753	ng	# 66
37) 2-Methylnaphthalene	8.72	142	179147	9.194	ng	99
38) 1-Methylnaphthalene	8.82	142	291169	15.427	ng	98
54) 2,4-Dinitrophenol	9.91	184	977	6.929	ng	# 9
65) 4,6-Dinitro-2-methylphenol	10.38	198	812	4.906	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	23180	3.614	ng	# 1

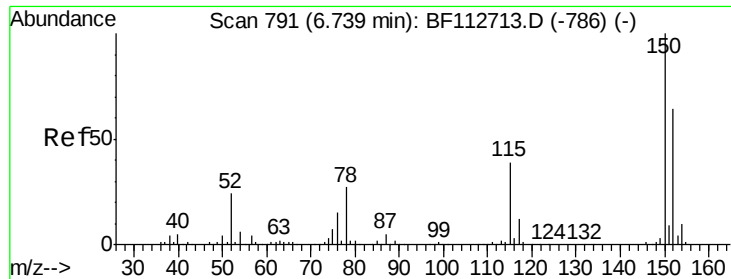
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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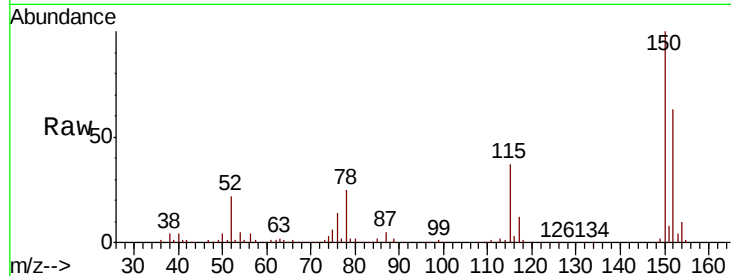


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.2	186.2
115	58.5	48.2	72.4

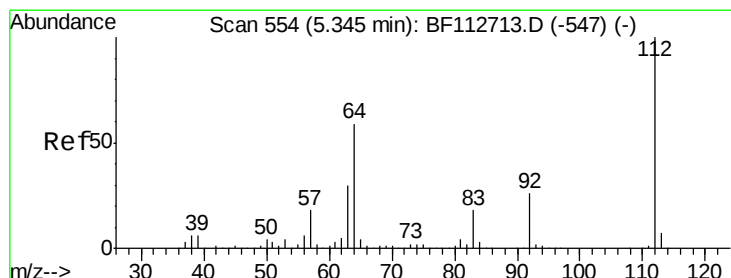
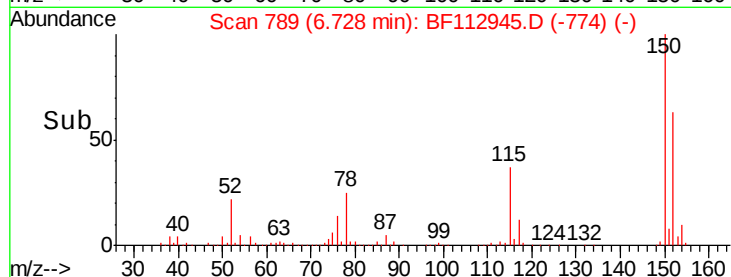
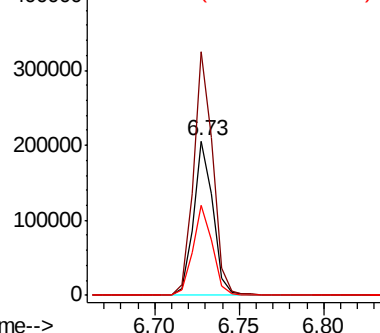


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

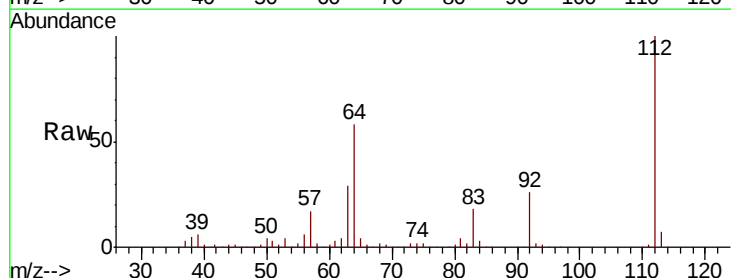
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.211 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.6	71.4
63	29.4	24.4	36.6

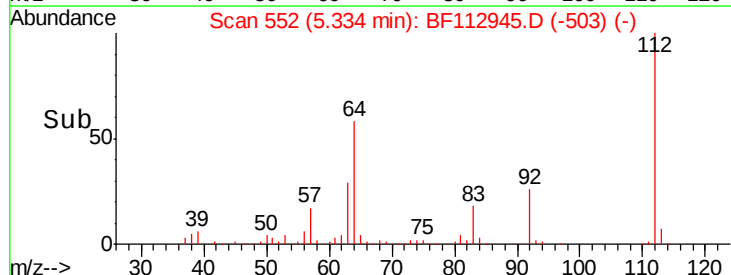
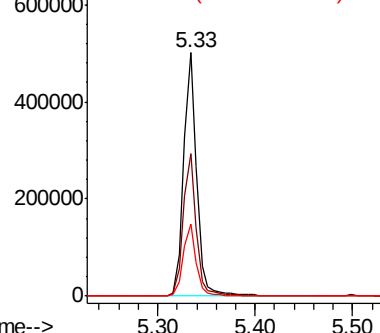


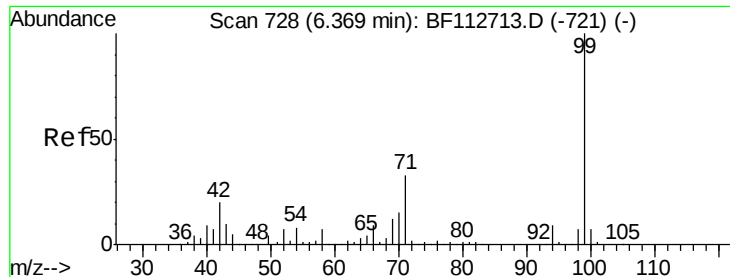
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 29.575 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

Instrument :

BNA_F

ClientSampled :

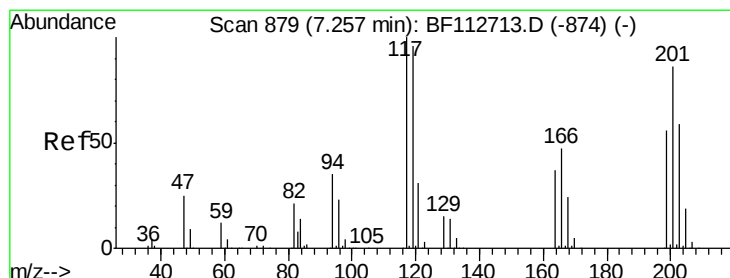
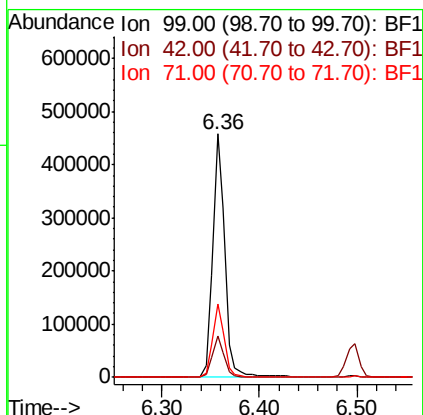
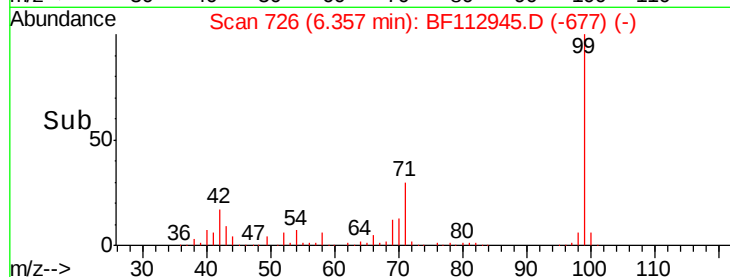
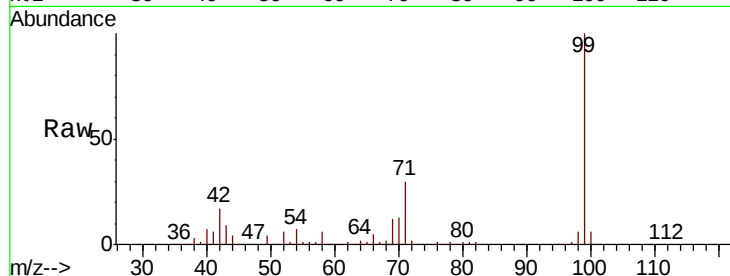
Tot Ion: 99 Resp: 394681

Ion Ratio Lower Upper

99 100

42 17.2 16.3 24.5

71 29.9 26.2 39.4



#18

Hexachloroethane

Concen: 7.770 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

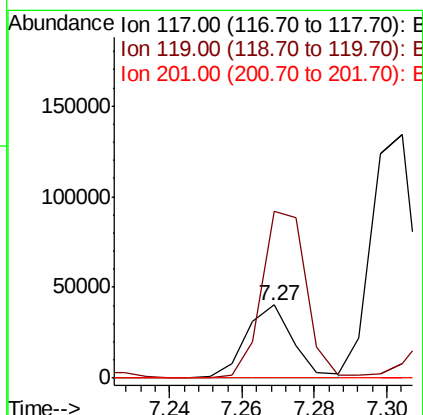
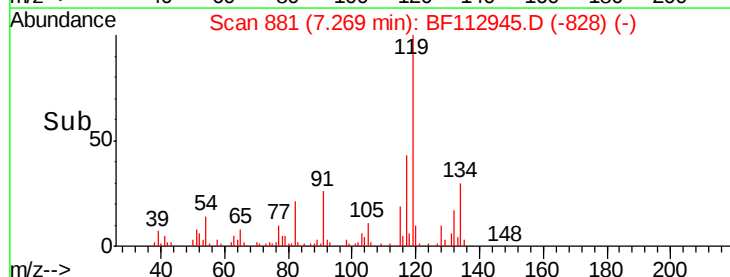
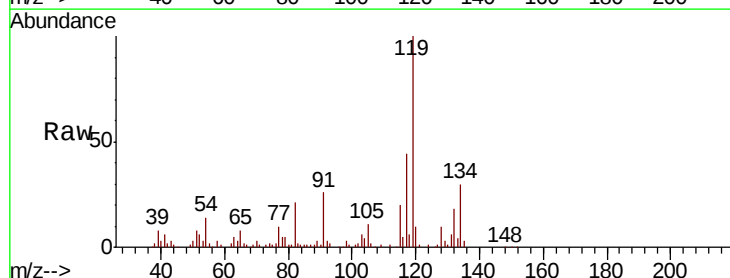
Tgt Ion: 117 Resp: 36467

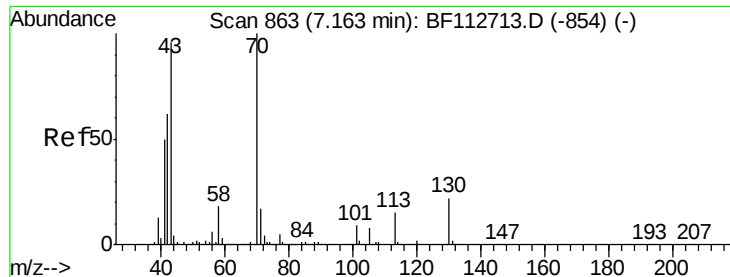
Ion Ratio Lower Upper

117 100

119 227.6 76.6 115.0#

201 0.0 68.9 103.3#





#19

n-Nitroso-di-n-propylamine

Concen: 12.558 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 106140

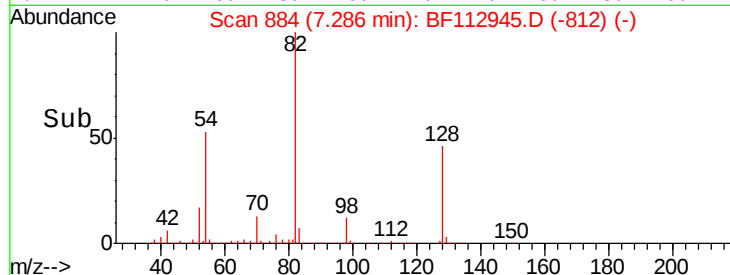
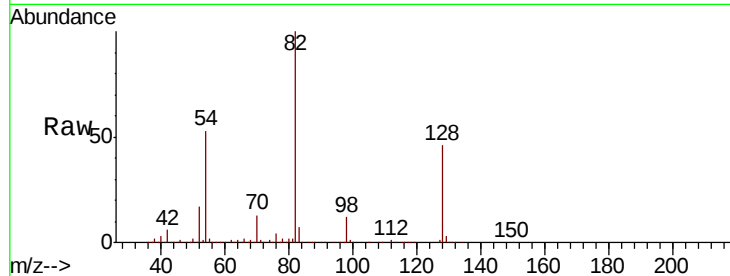
Ion Ratio Lower Upper

70 100

42 48.0 49.9 74.9#

101 0.0 7.4 11.2#

130 1.8 17.4 26.2#

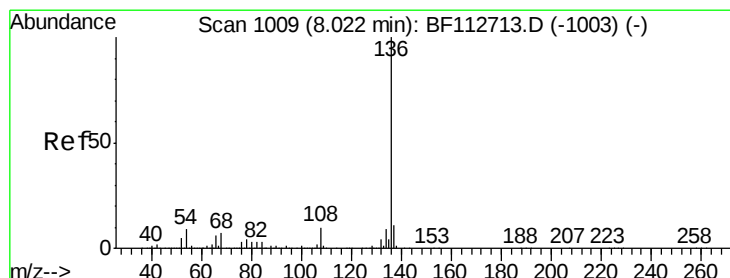
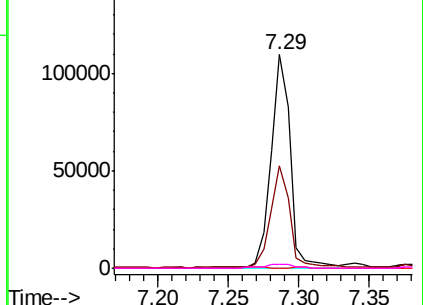


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

Tgt Ion: 136 Resp: 607712

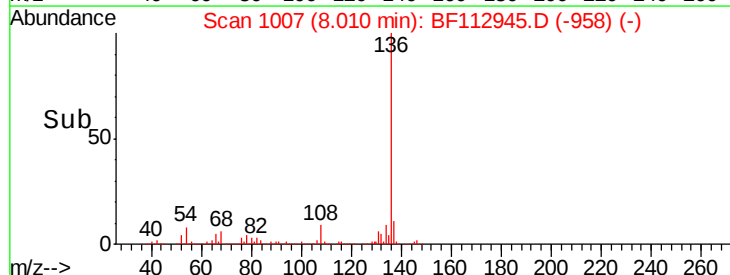
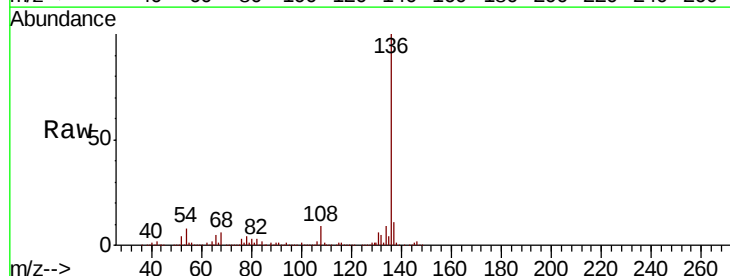
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.0 7.3 10.9

68 6.1 5.4 8.2

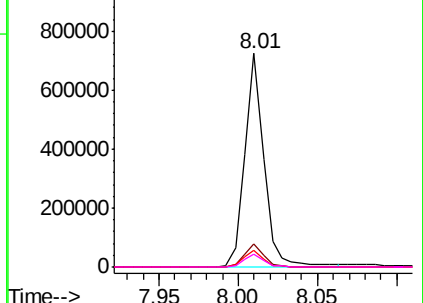


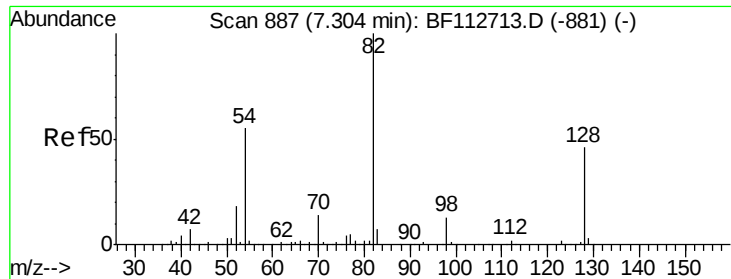
Abundance Ion 136.00 (135.70 to 136.70): E

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

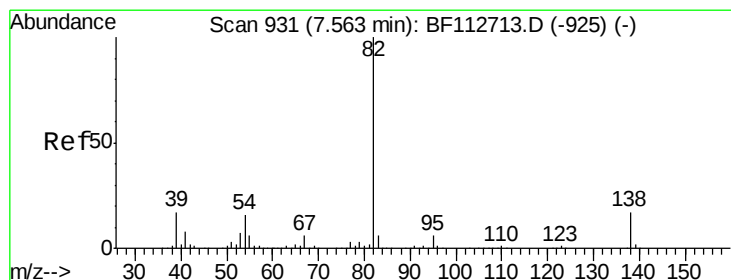
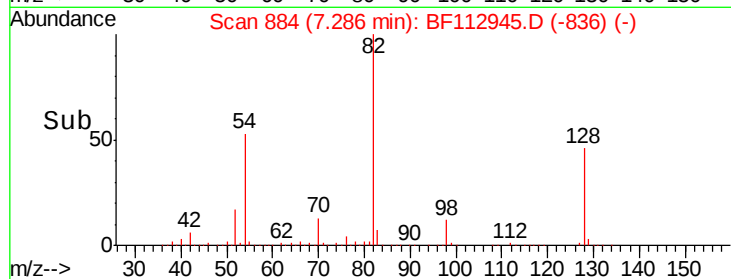
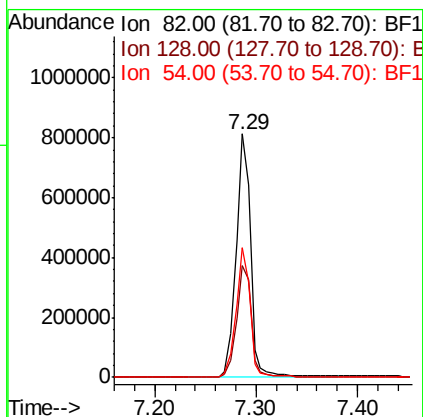
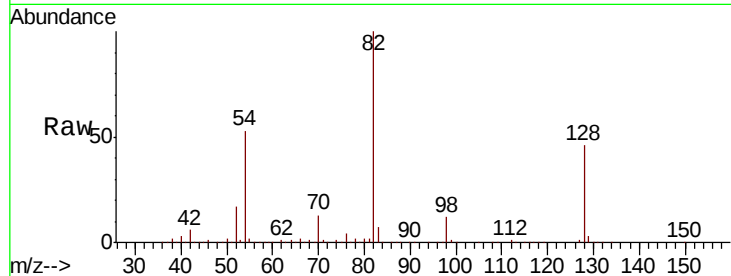




#23
 Nitrobenzene-d5
 Concen: 80.039 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF112945.D
 Acq: 8 Mar 2019 15:38

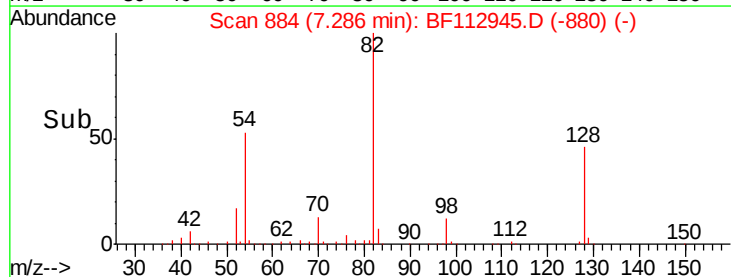
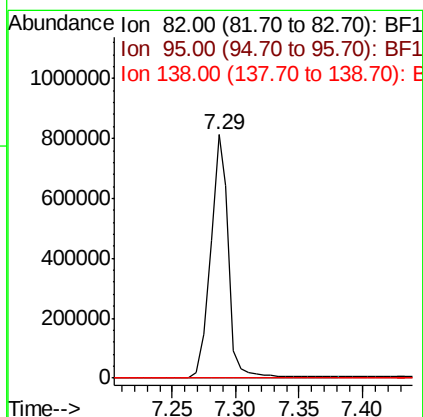
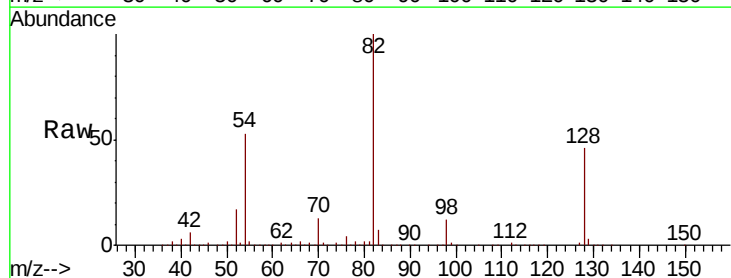
Instrument :
 BNA_F
 ClientSampleId :

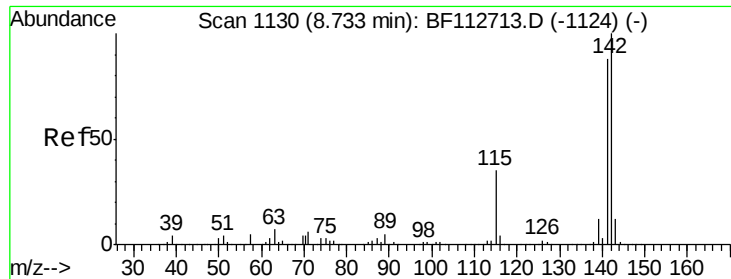
Tot Ion	82	Resp	812875
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.3	54.5
54	53.1	43.7	65.5



#25
 Isophorone
 Concen: 36.753 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.28 min
 Lab File: BF112945.D
 Acq: 8 Mar 2019 15:38

Tgt Ion	82	Resp	804140
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

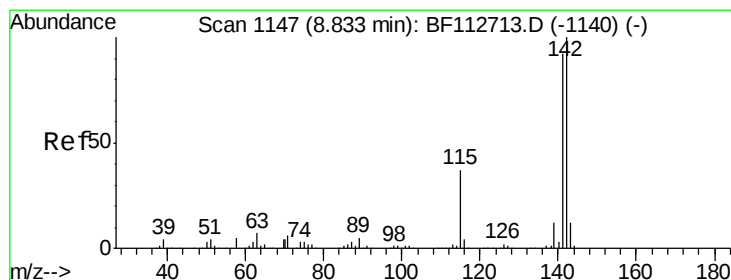
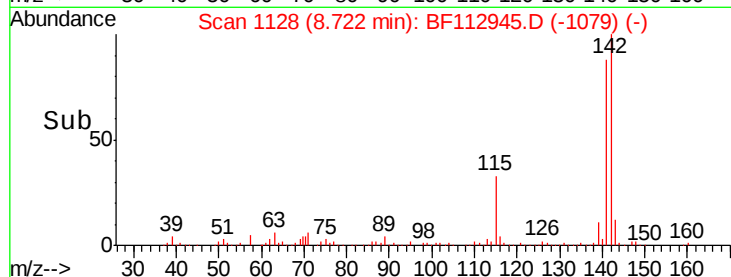
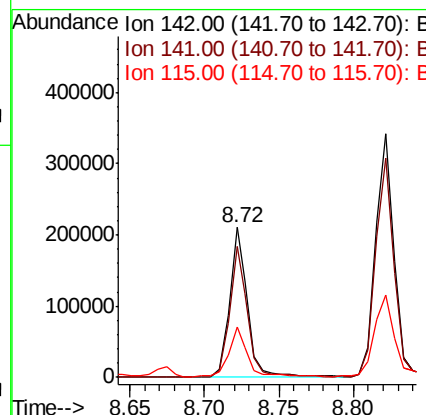
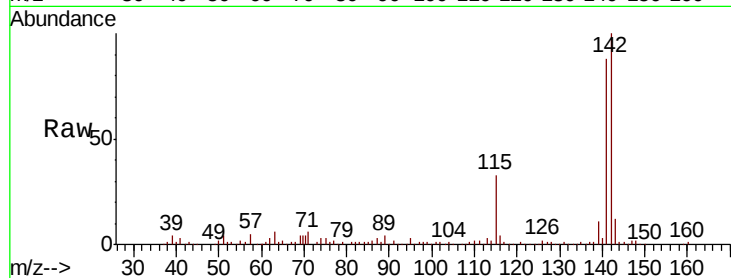




#37
2-Methylnaphthalene
Concen: 9.194 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

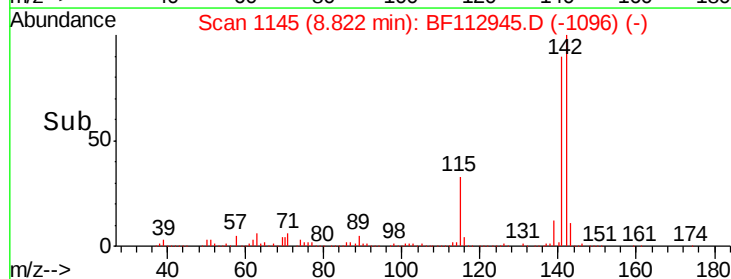
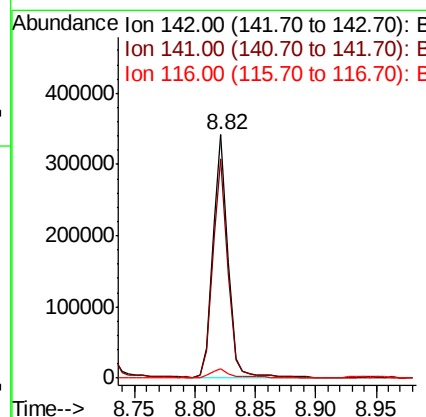
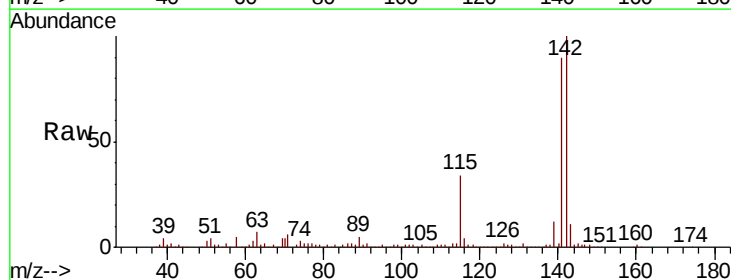
Instrument :
BNA_F
ClientSampled :

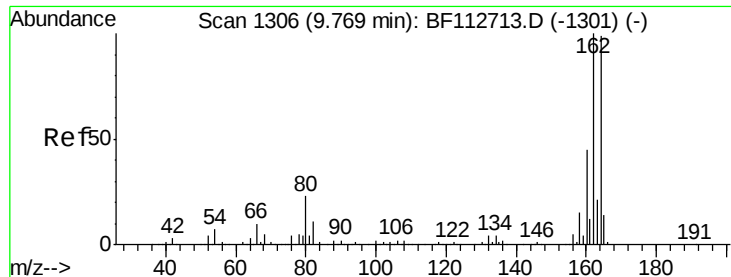
Tot Ion:142 Resp: 179147
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5
115 33.4 27.8 41.6



#38
1-Methylnaphthalene
Concen: 15.427 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:142 Resp: 291169
Ion Ratio Lower Upper
142 100
141 90.3 73.7 110.5
116 4.0 3.1 4.7

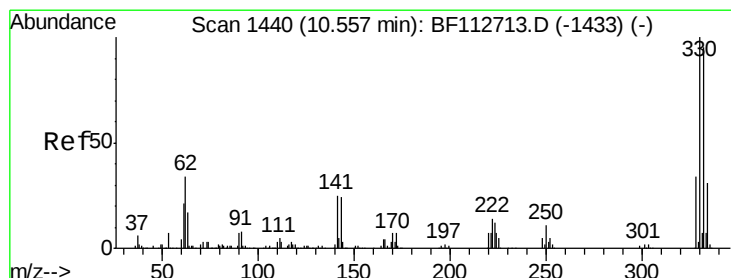
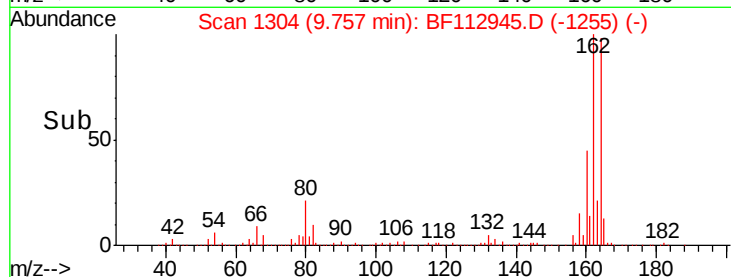
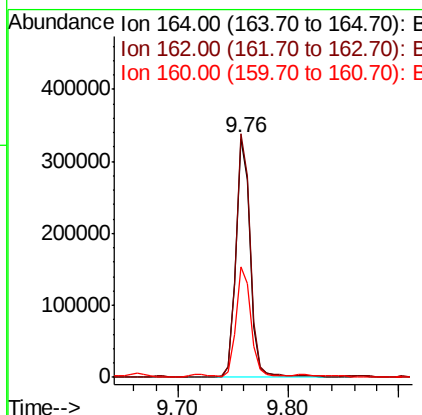
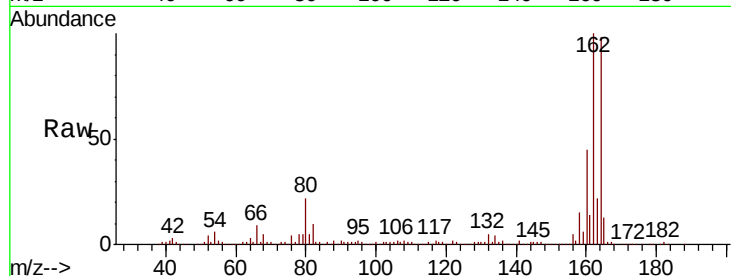




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

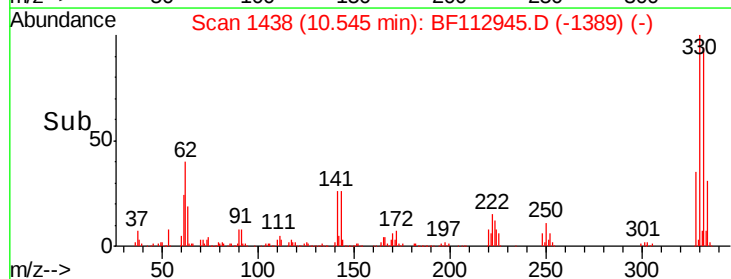
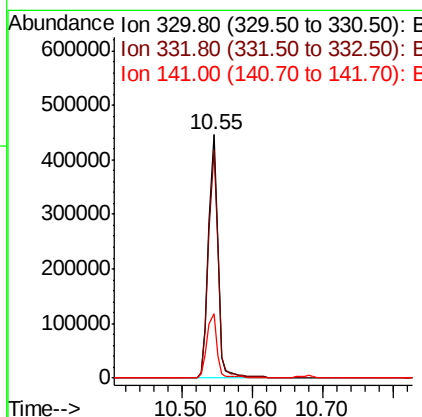
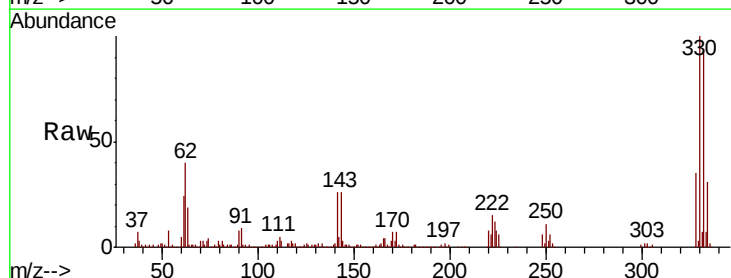
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BNA_F
ClientSampled :

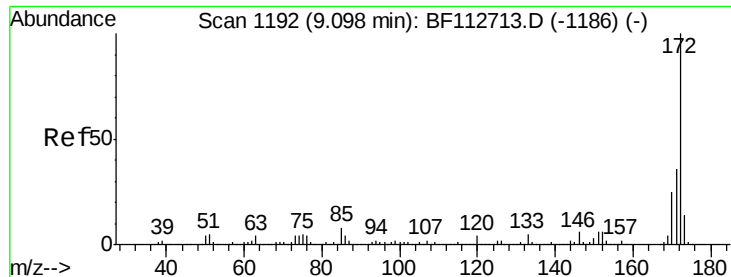
Tot Ion:164 Resp: 300870
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 46.1 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 131.427 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:330 Resp: 419791
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 28.1 27.0 40.6

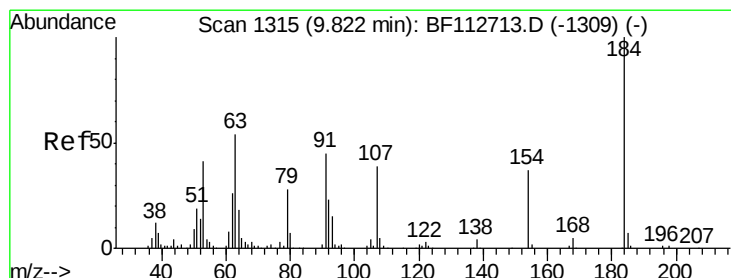
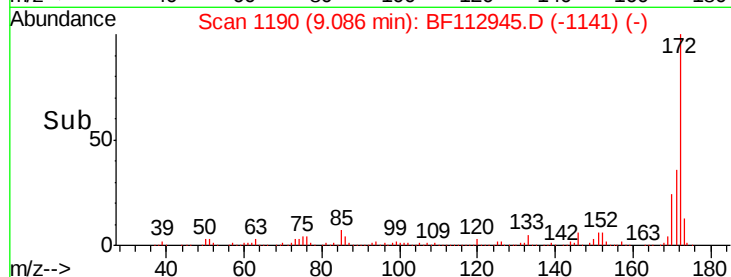
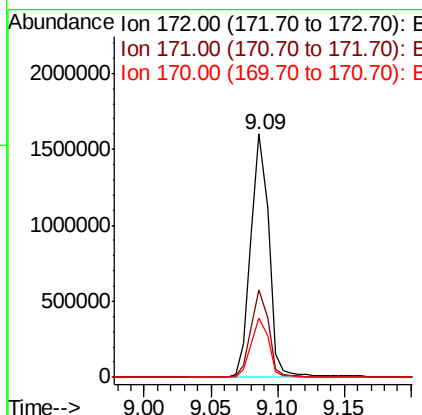
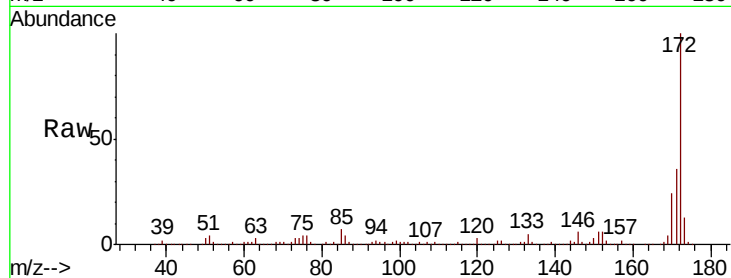




#45
2-Fluorobiphenyl
Concen: 80.825 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

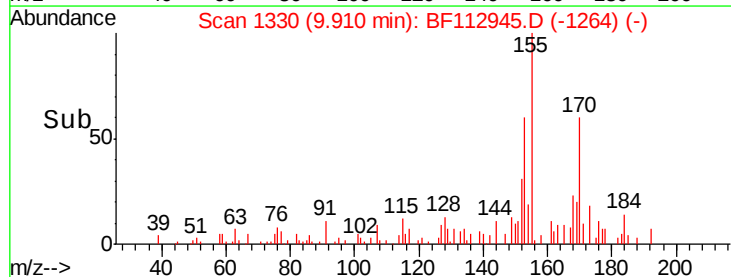
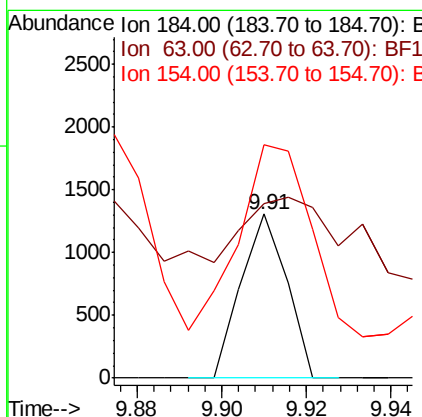
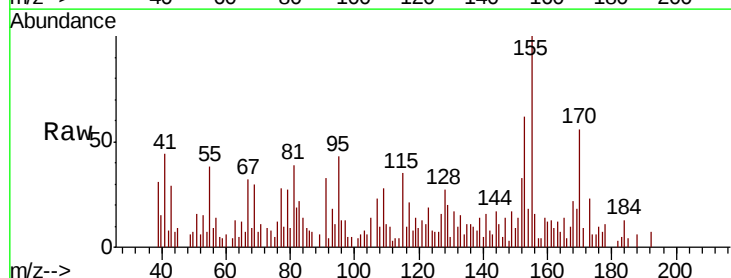
Instrument :
BNA_F
ClientSampleId :

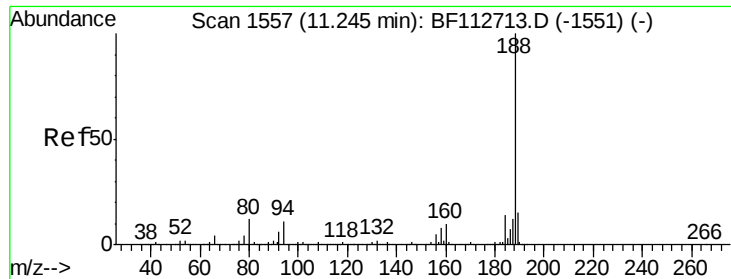
Tot Ion:172 Resp: 1486917
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.4 20.0 30.0



#54
2,4-Dinitrophenol
Concen: 6.929 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.09 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:184 Resp: 977
Ion Ratio Lower Upper
184 100
63 106.0 45.3 67.9#
154 141.9 46.0 69.0#

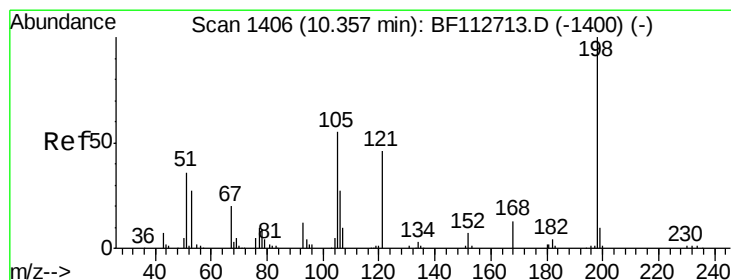
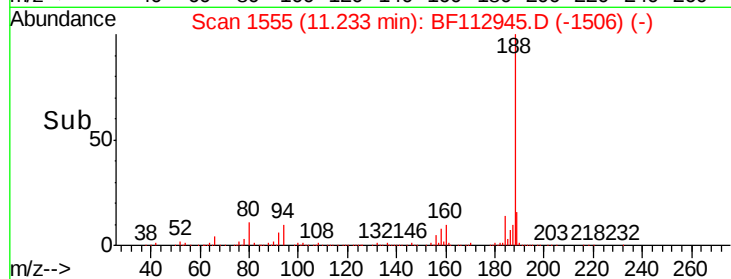
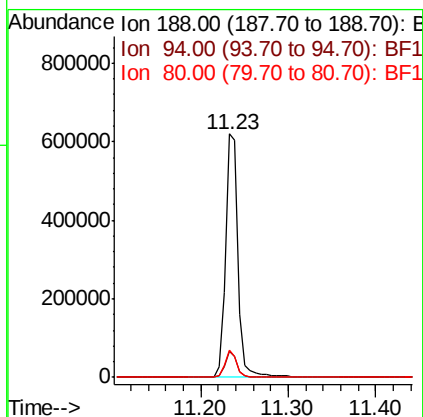
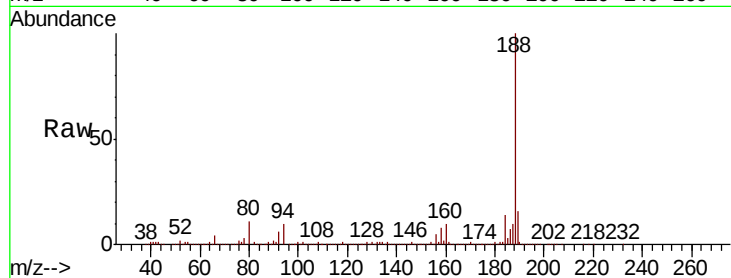




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

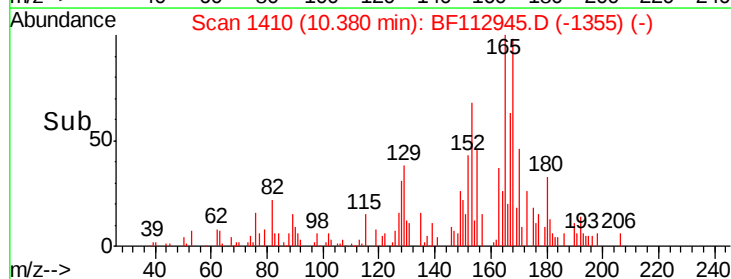
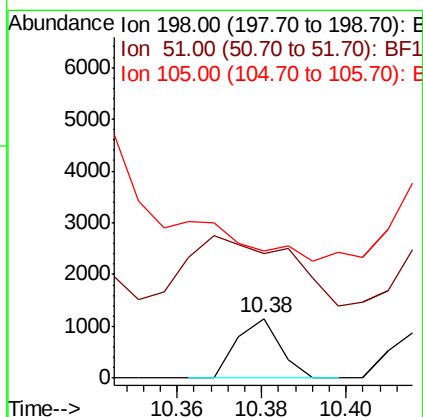
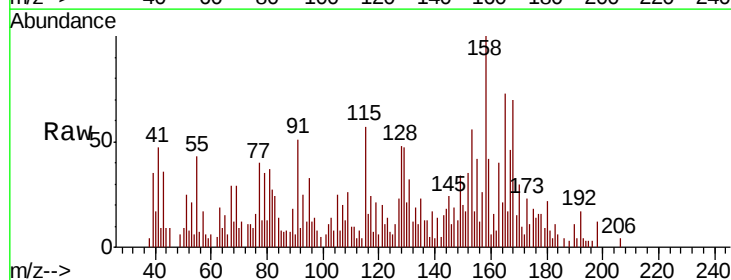
Instrument :
BNA_F
ClientSampleId :

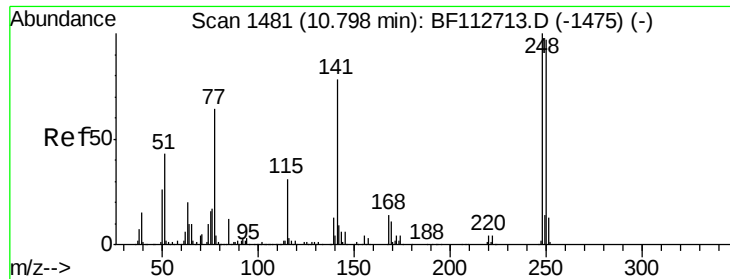
Tot Ion:188 Resp: 608924
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 11.4 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.906 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.02 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:198 Resp: 812
Ion Ratio Lower Upper
198 100
51 208.9 43.8 83.8#
105 213.3 36.5 76.5#

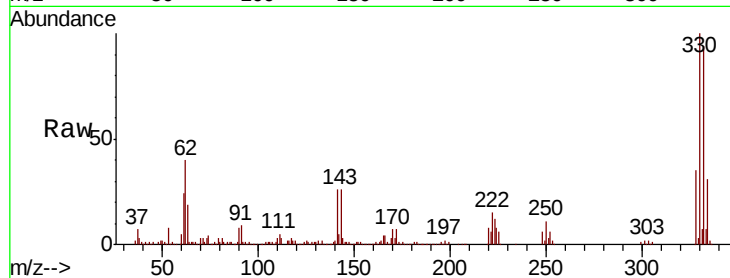




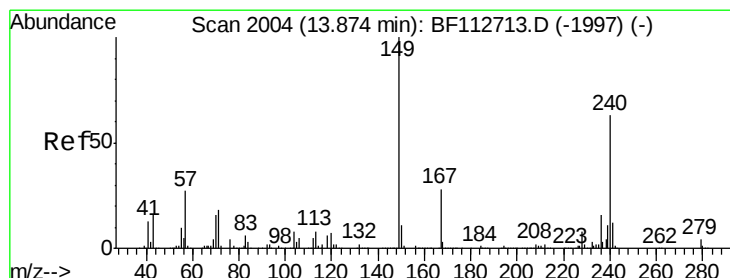
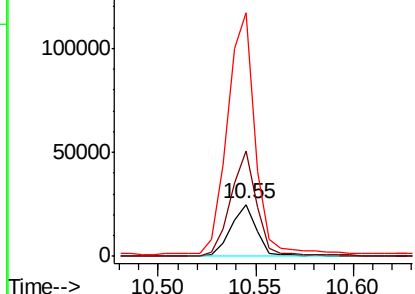
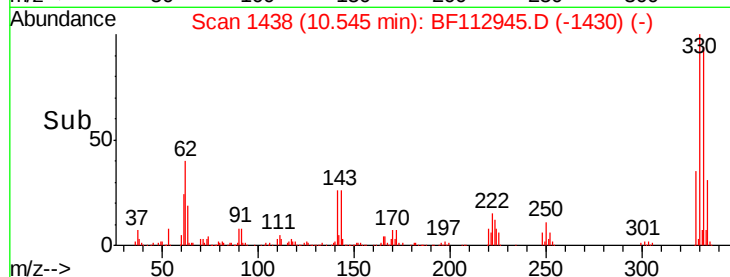
#67
4-Bromophenyl-phenylether
Concen: 3.614 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 23180
Ion Ratio Lower Upper
248 100
250 203.2 77.5 116.3#
141 466.8 62.4 93.6#

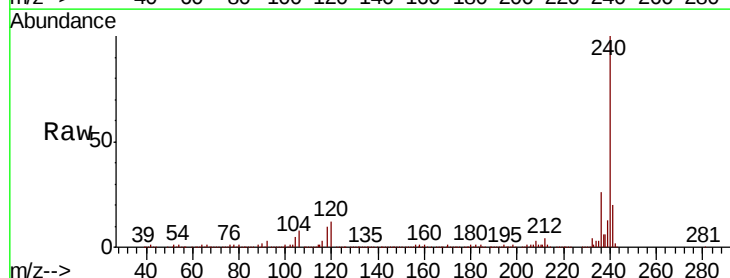


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

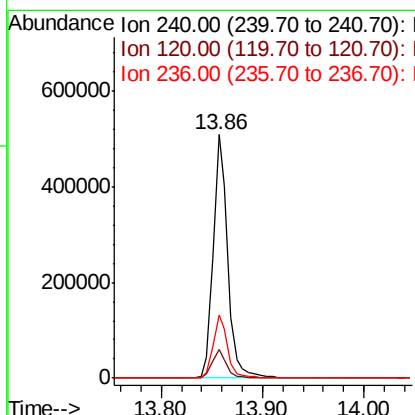
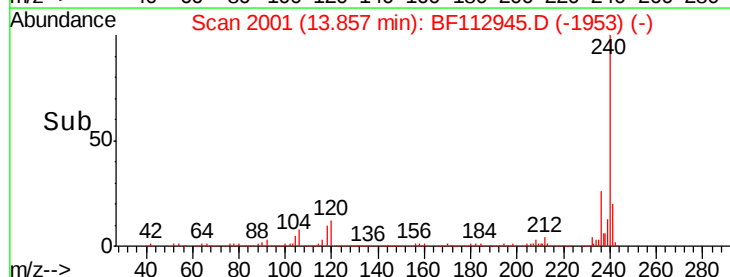


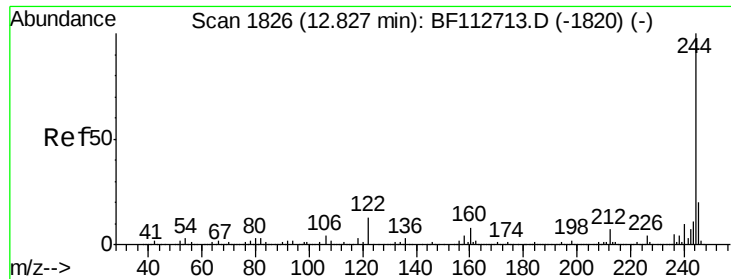
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:240 Resp: 506756
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.9 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





#79

Terphenyl-d14

Concen: 64.445 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

Instrument :

BNA_F

ClientSampleId :

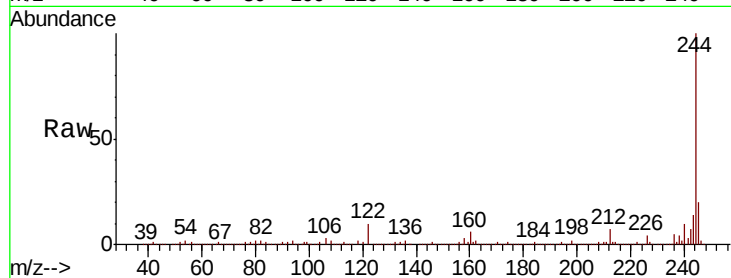
Tot Ion:244 Resp: 1684700

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

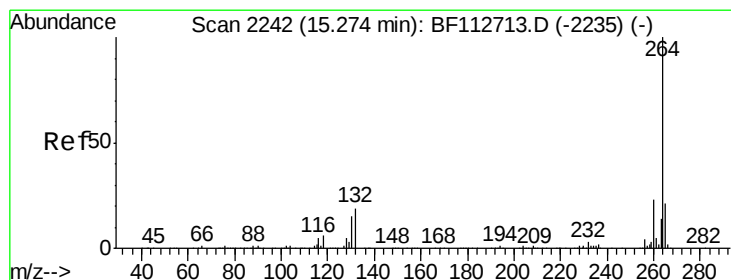
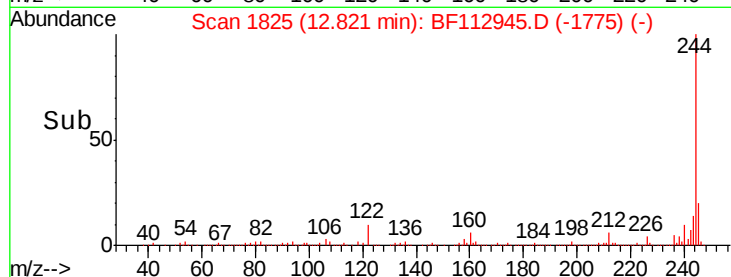
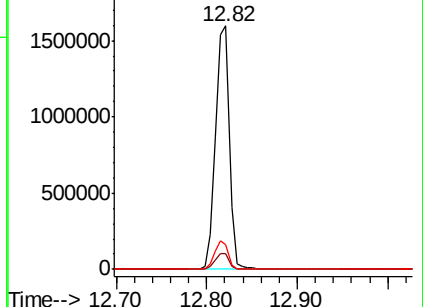
122 10.0 10.5 15.7#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

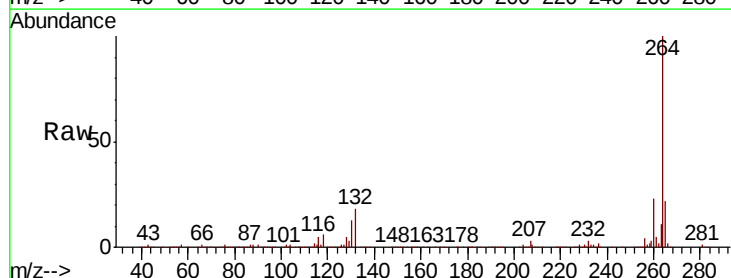
Tgt Ion:264 Resp: 445122

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

