

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111773.D
 Acq On : 27 Dec 2018 20:07
 Operator : JU/SJ
 Sample : J6549-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Dec 28 00:16:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	141202	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	471835	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	209871	20.00	ng	0.01
64) Phenanthrene-d10	11.44	188	373986	20.00	ng	0.02
76) Chrysene-d12	14.07	240	307073	20.00	ng	0.02
87) Perylene-d12	15.56	264	227468	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	517588	62.48	ng	0.03
7) Phenol-d6	6.55	99	405142	38.43	ng	0.03
23) Nitrobenzene-d5	7.47	82	799626	98.65	ng	0.01
42) 2,4,6-Tribromophenol	10.75	330	322487	130.05	ng	0.02
45) 2-Fluorobiphenyl	9.27	172	1357229	94.26	ng	0.01
79) Terphenyl-d14	13.02	244	1389651	85.82	ng	0.02

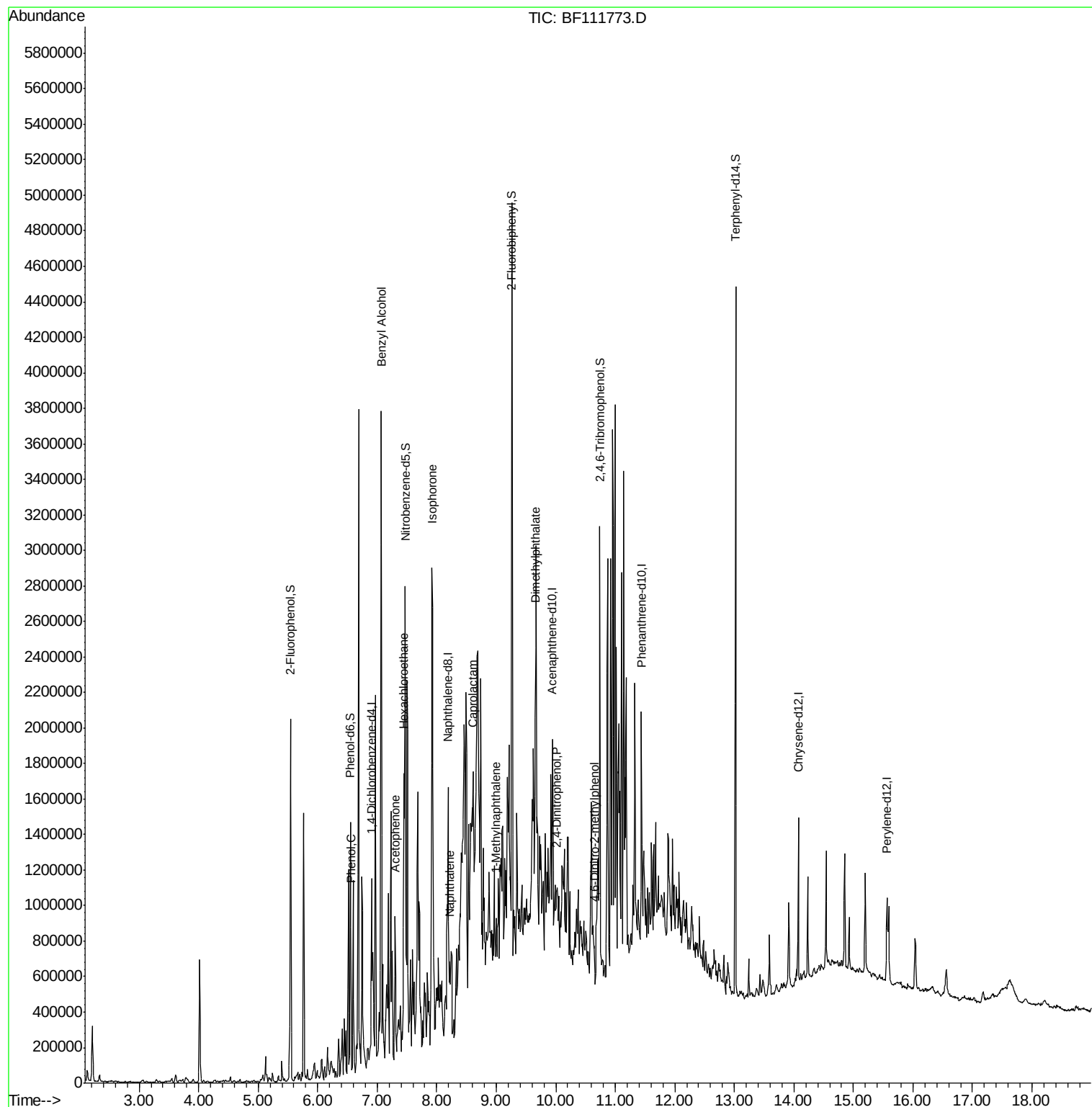
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	59553	5.006	ng	96
15) Benzyl Alcohol	7.07	79	23673	2.827	ng	# 37
18) Hexachloroethane	7.45	117	46579	12.816	ng	# 1
22) Acetophenone	7.30	105	115110	9.630	ng	# 46
25) Isophorone	7.92	82	29937	2.080	ng	# 23
31) Naphthalene	8.21	128	69799	3.079	ng	# 95
35) Caprolactam	8.61	113	15659	6.325	ng	# 1
38) 1-Methylnaphthalene	9.00	142	32983	2.328	ng	# 96
50) Dimethylphthalate	9.66	163	56370	3.673	ng	# 53
54) 2,4-Dinitrophenol	10.00	184	106	7.405	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.65	198	332	6.878	ng	# 1

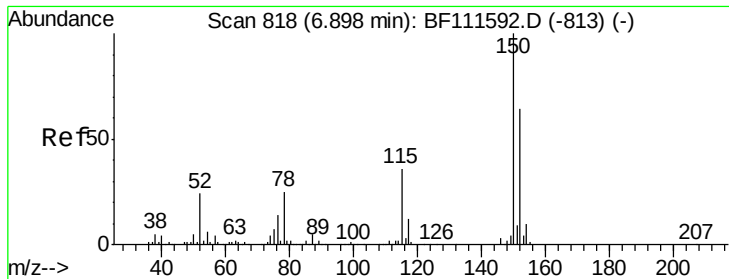
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

Quant Time: Dec 28 00:16:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



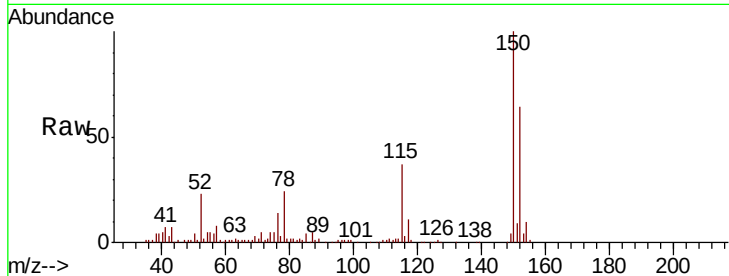


#1

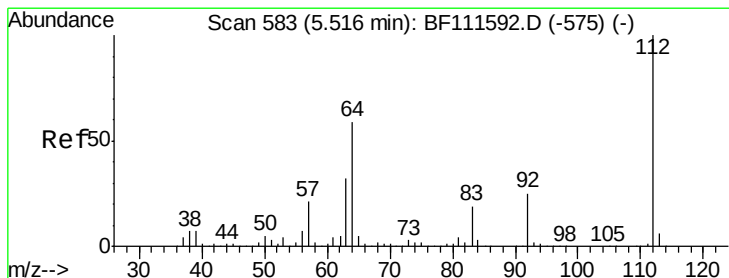
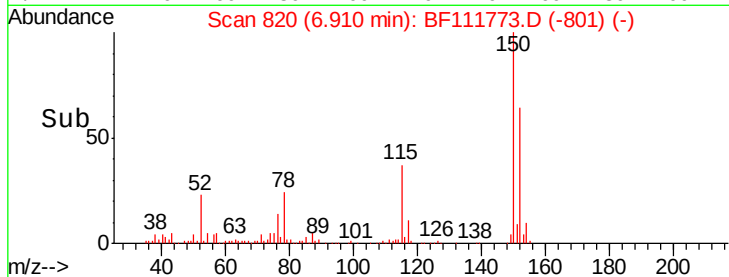
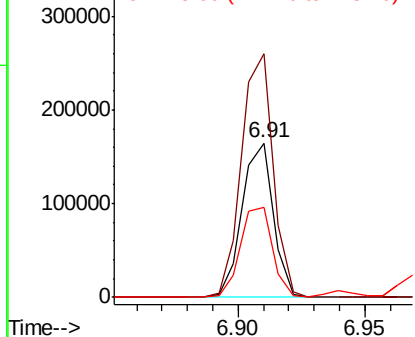
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 141202
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 58.2 50.7 76.1



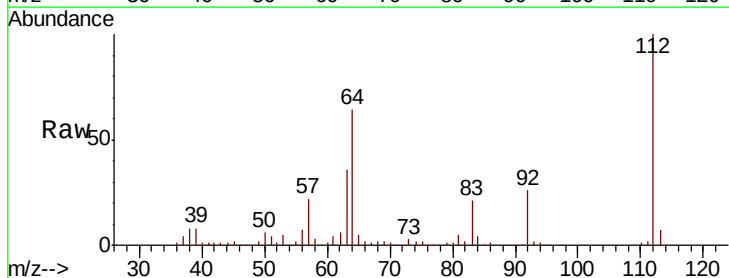
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



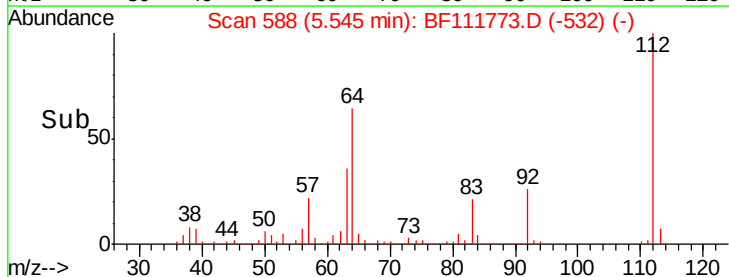
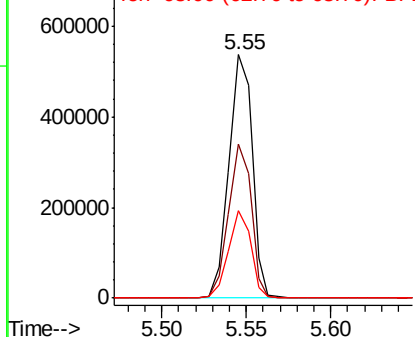
#5

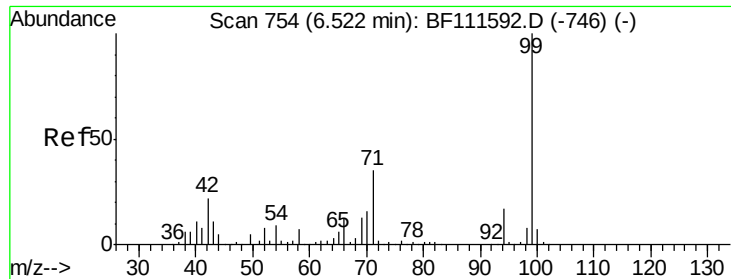
2-Fluorophenol
Concen: 62.481 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Tgt Ion:112 Resp: 517588
Ion Ratio Lower Upper
112 100
64 63.5 51.8 77.6
63 35.9 26.8 40.2



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: 38.429 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

Instrument :

BNA_F

ClientSampleId :

DUP-1

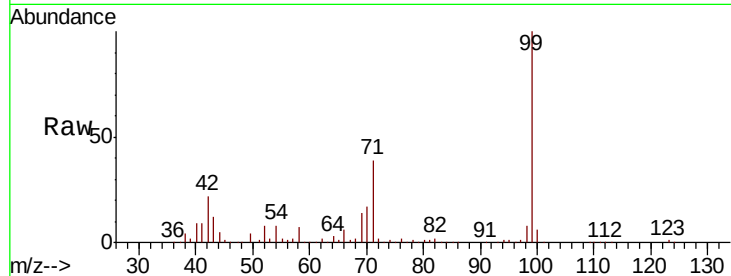
Tgt Ion: 99 Resp: 405142

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

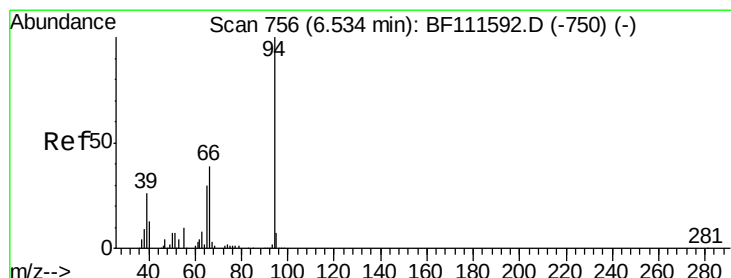
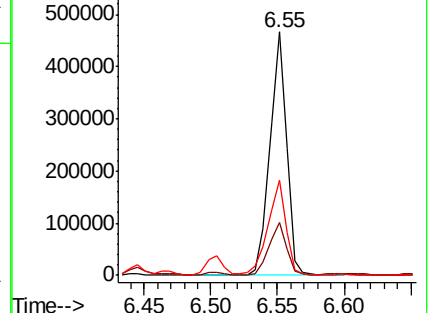
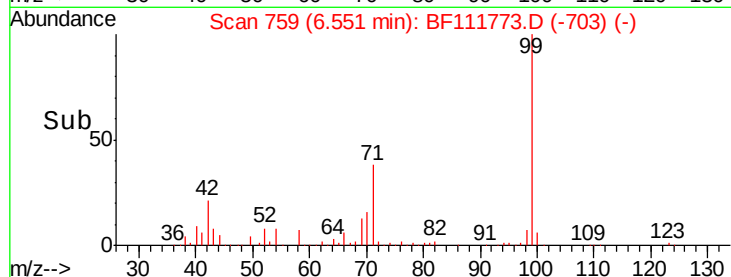
71 38.9 26.1 39.1



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



#10

Phenol

Concen: 5.006 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

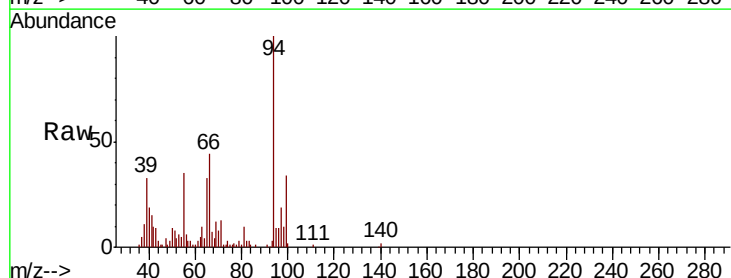
Tgt Ion: 94 Resp: 59553

Ion Ratio Lower Upper

94 100

65 32.9 11.7 51.7

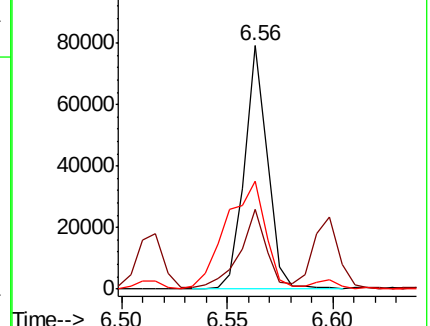
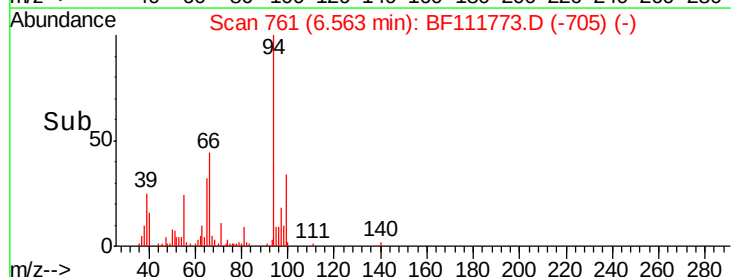
66 44.3 21.0 61.0

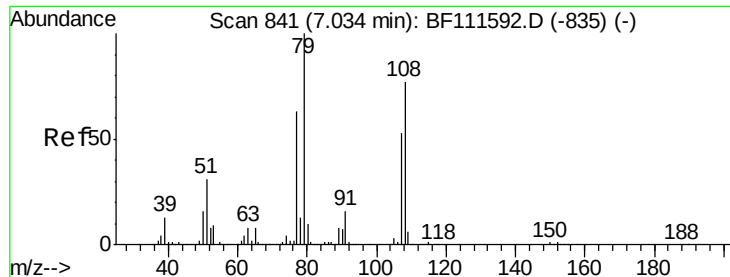


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

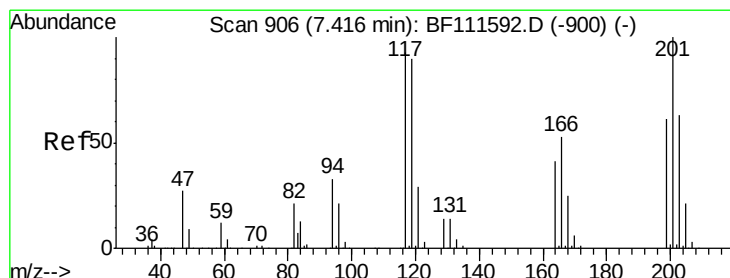
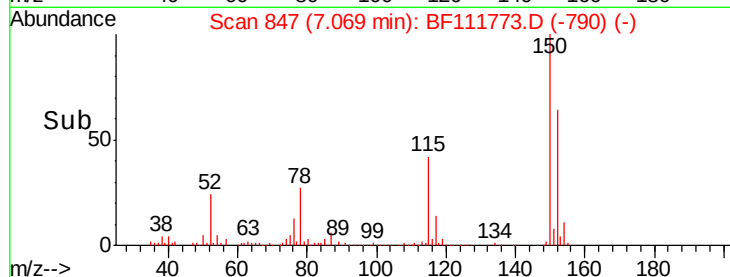
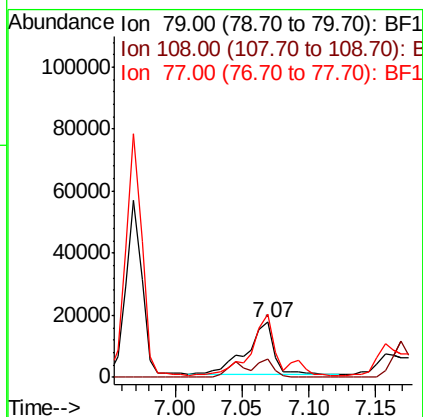
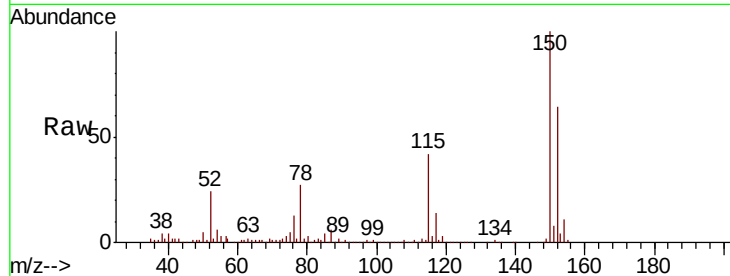




#15
Benzyl Alcohol
Concen: 2.827 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.04 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

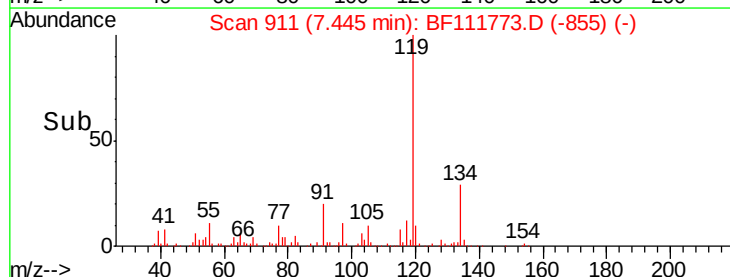
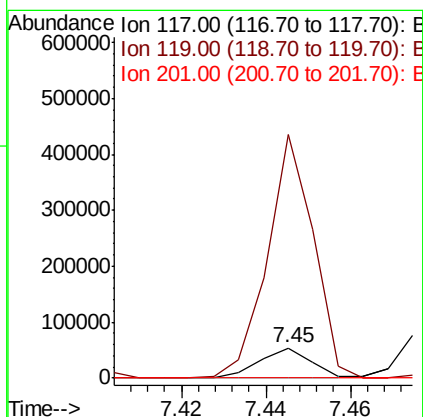
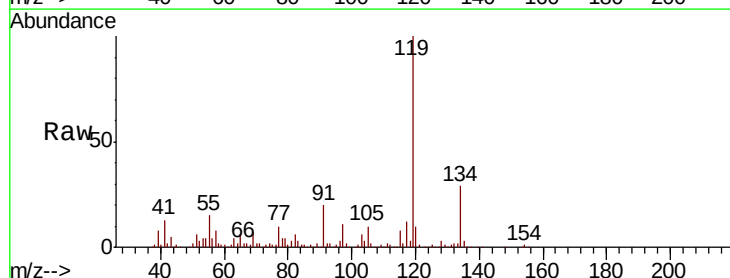
Instrument :
BNA_F
ClientSampleId :
DUP-1

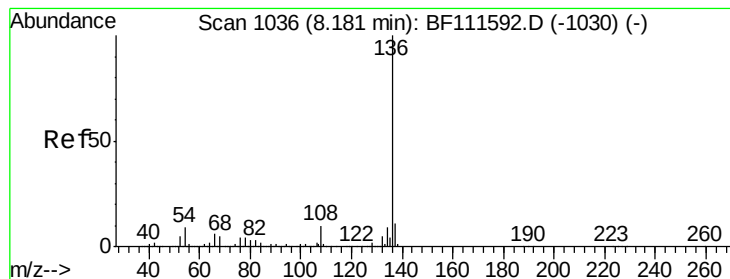
Tgt Ion: 79 Resp: 23673
Ion Ratio Lower Upper
79 100
108 33.2 69.4 104.2#
77 115.4 49.7 74.5#



#18
Hexachloroethane
Concen: 12.816 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.03 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Tgt Ion: 117 Resp: 46579
Ion Ratio Lower Upper
117 100
119 805.3 75.4 113.0#
201 0.0 62.4 93.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

Instrument :

BNA_F

ClientSampleId :

DUP-1

Tgt Ion:136 Resp: 471835

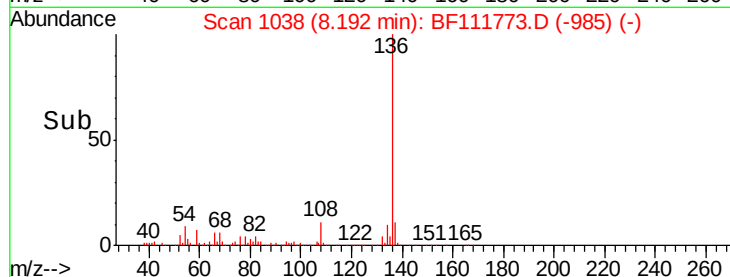
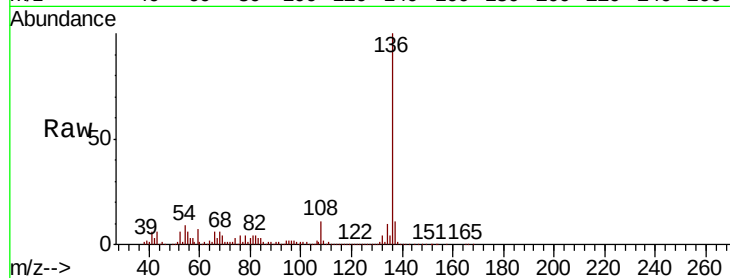
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.2 7.7 11.5

68 6.0 4.9 7.3



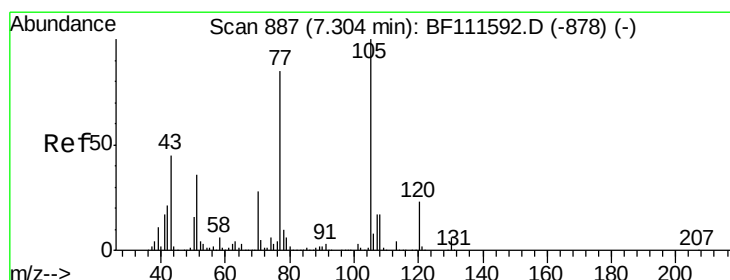
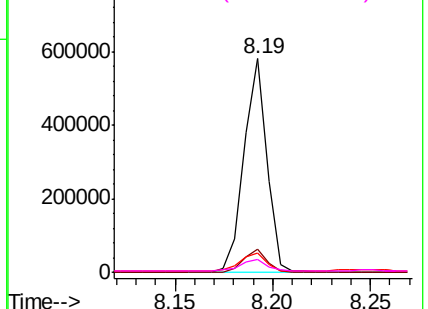
Abundance

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: 9.630 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

Tgt Ion:105 Resp: 115110

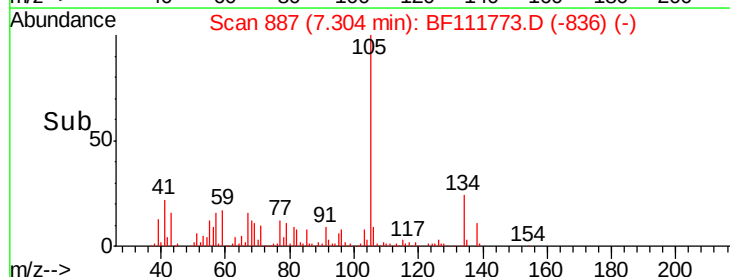
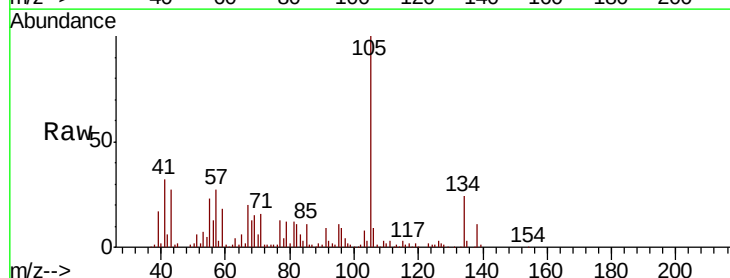
Ion Ratio Lower Upper

105 100

71 16.3 3.1 4.7#

51 6.3 36.6 54.8#

120 0.3 18.2 27.4#



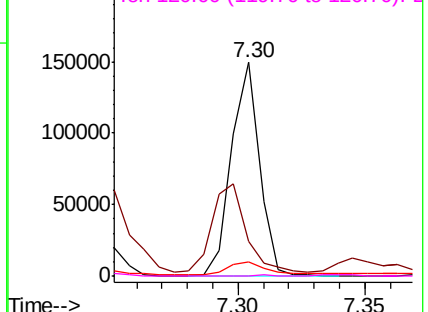
Abundance

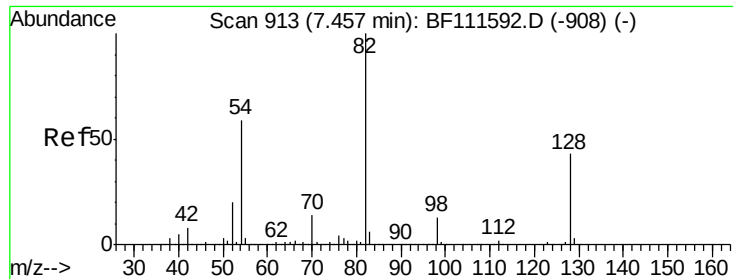
Ion 105.00 (104.70 to 105.70): E

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

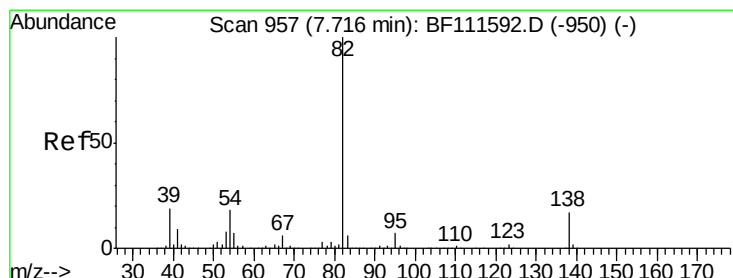
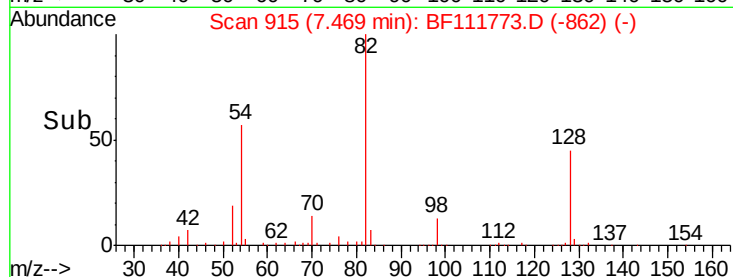
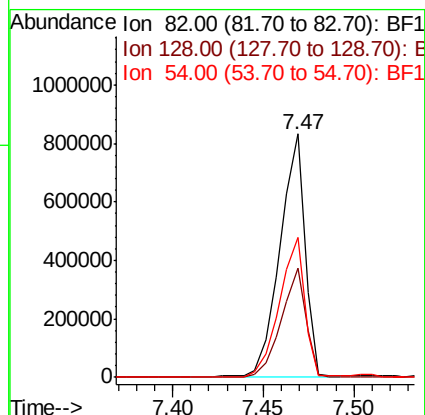
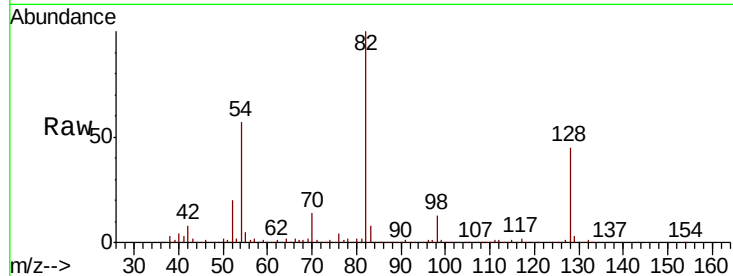




#23
 Nitrobenzene-d5
 Concen: 98.646 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111773.D
 Acq: 27 Dec 2018 20:07

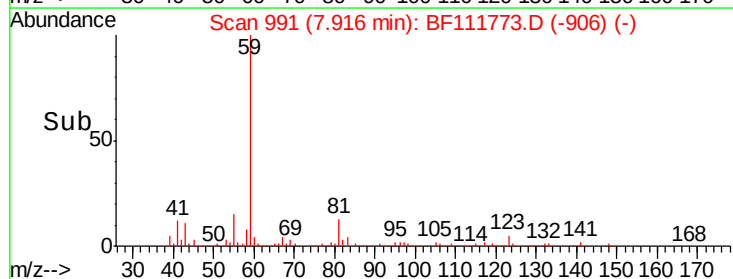
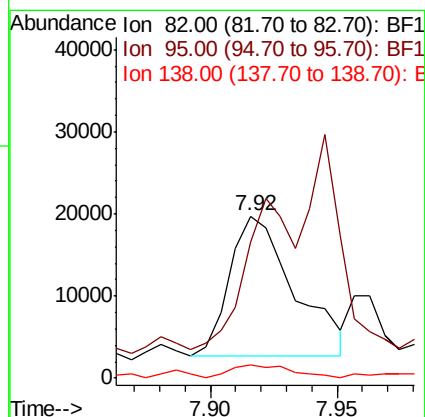
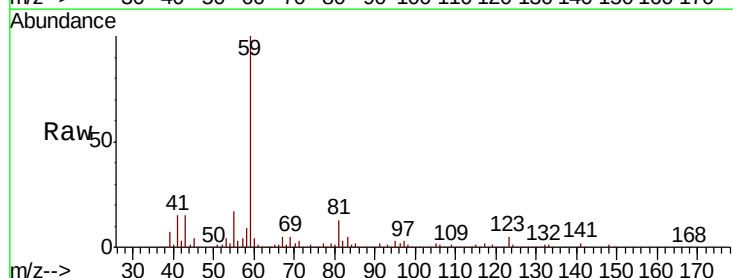
Instrument :
 BNA_F
 ClientSampled :
 DUP-1

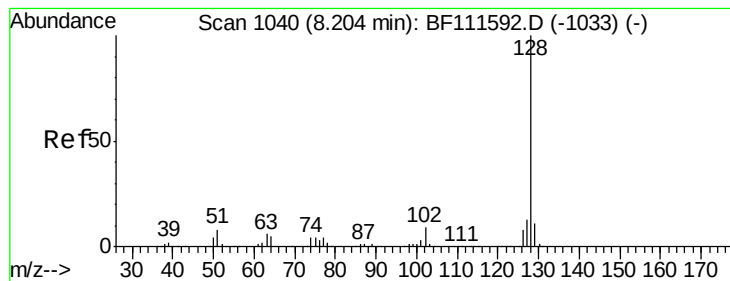
Tgt Ion: 82 Resp: 799626
 Ion Ratio Lower Upper
 82 100
 128 44.7 37.4 56.2
 54 57.3 47.6 71.4



#25
 Isophorone
 Concen: 2.080 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.20 min
 Lab File: BF111773.D
 Acq: 27 Dec 2018 20:07

Tgt Ion: 82 Resp: 29937
 Ion Ratio Lower Upper
 82 100
 95 83.9 5.4 8.2#
 138 8.0 15.1 22.7#





#31

Naphthalene

Concen: 3.079 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

Instrument :

BNA_F

ClientSampleId :

DUP-1

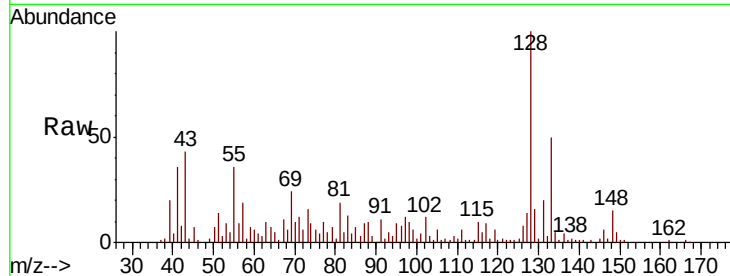
Tgt Ion:128 Resp: 69799

Ion Ratio Lower Upper

128 100

129 15.7 9.8 14.8#

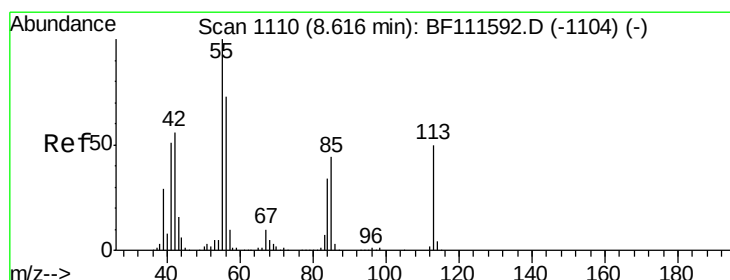
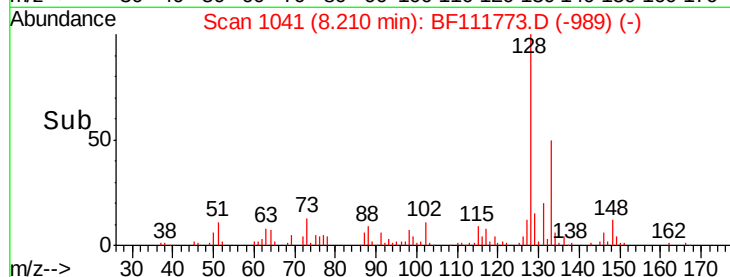
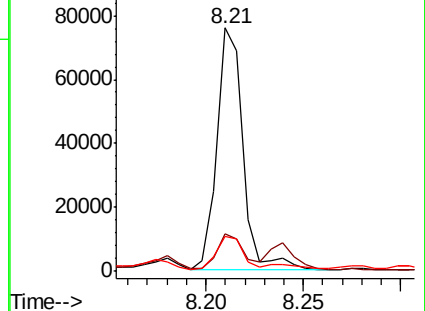
127 14.3 12.0 18.0



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



#35

Caprolactam

Concen: 6.325 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

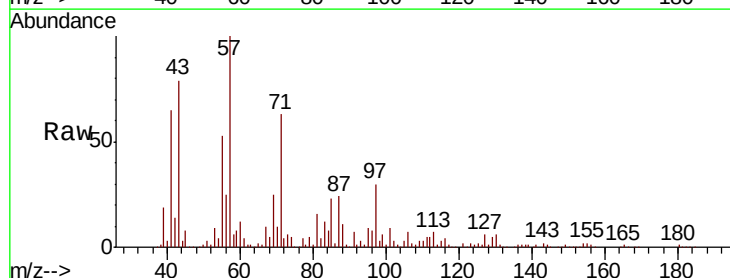
Tgt Ion:113 Resp: 15659

Ion Ratio Lower Upper

113 100

55 768.4 184.1 224.1#

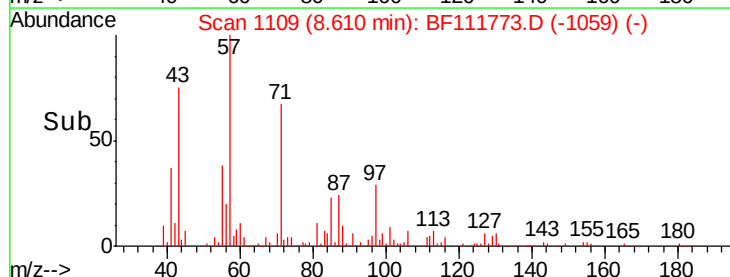
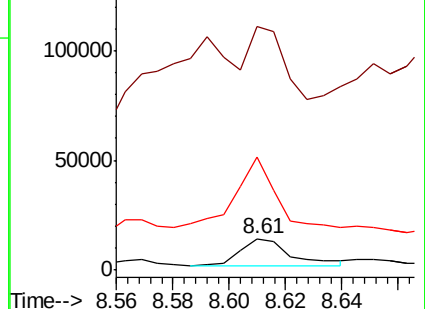
56 356.7 126.0 166.0#

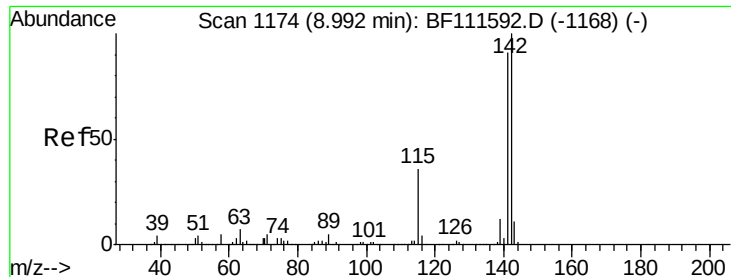


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

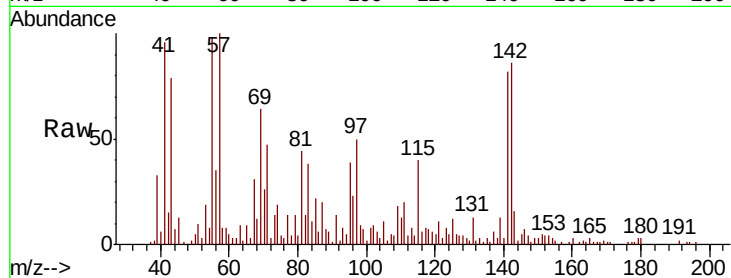




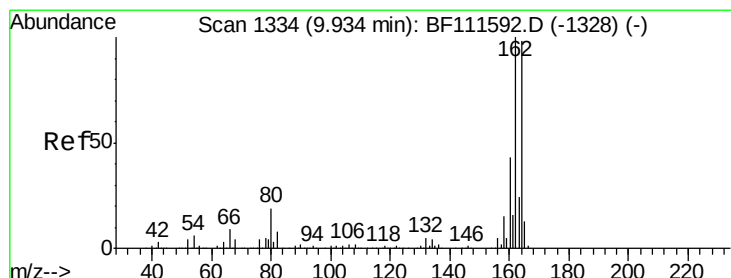
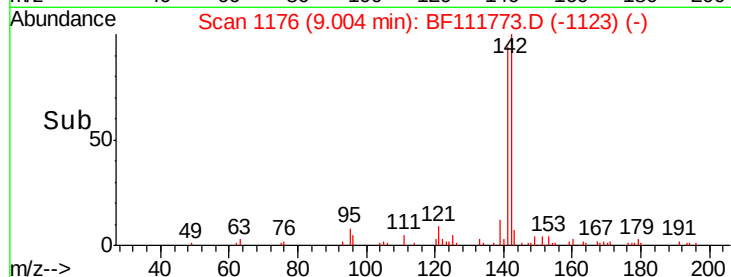
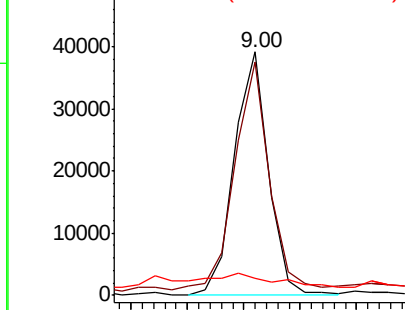
#38
 1-Methylnaphthalene
 Concen: 2.328 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF111773.D
 Acq: 27 Dec 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:142 Resp: 32983
 Ion Ratio Lower Upper
 142 100
 141 96.1 74.2 111.4
 116 6.9 2.9 4.3#

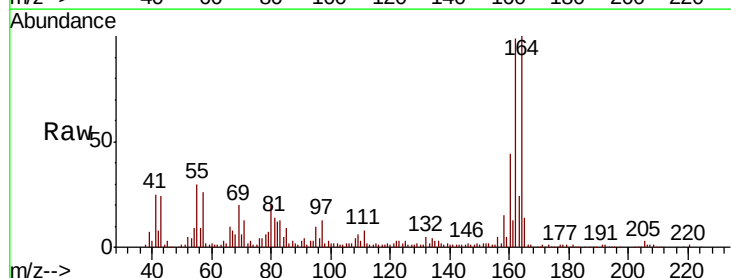


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

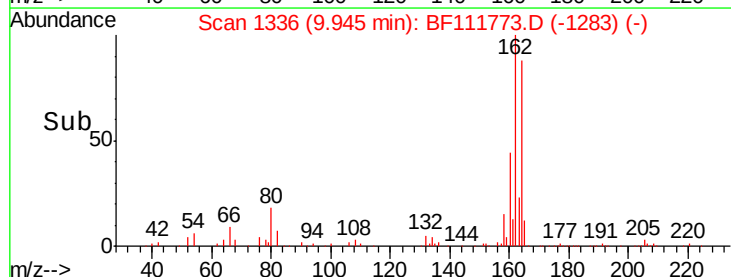
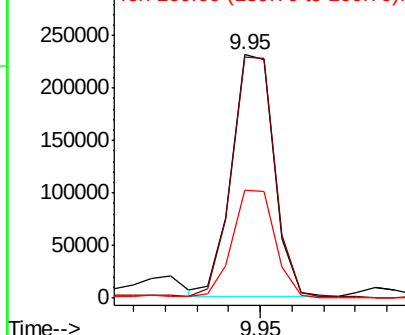


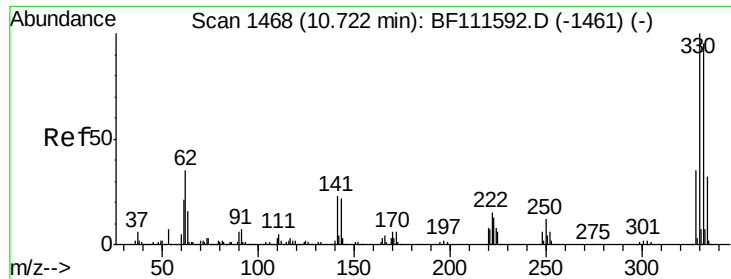
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF111773.D
 Acq: 27 Dec 2018 20:07

Tgt Ion:164 Resp: 209871
 Ion Ratio Lower Upper
 164 100
 162 99.1 81.4 122.0
 160 44.2 35.7 53.5



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

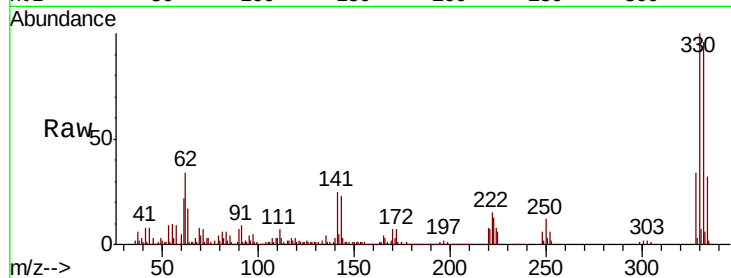




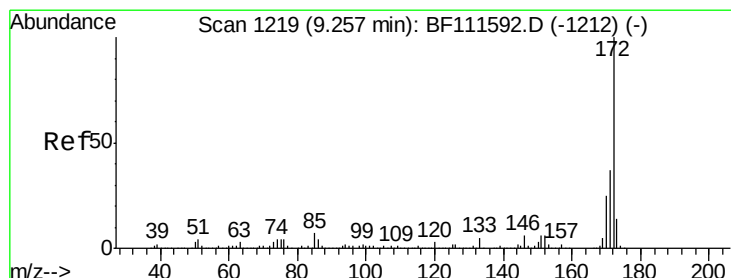
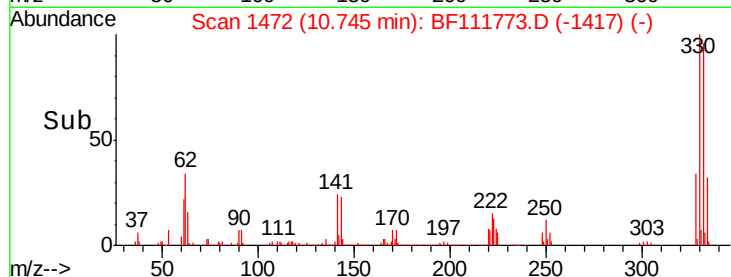
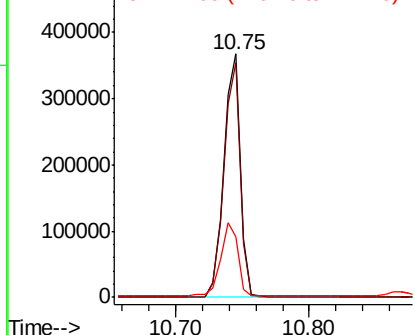
#42
 2,4,6-Tribromophenol
 Concen: 130.046 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. 0.02 min
 Lab File: BF111773.D
 Acq: 27 Dec 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:330 Resp: 322487
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.0 114.0
 141 30.7 31.0 46.6#

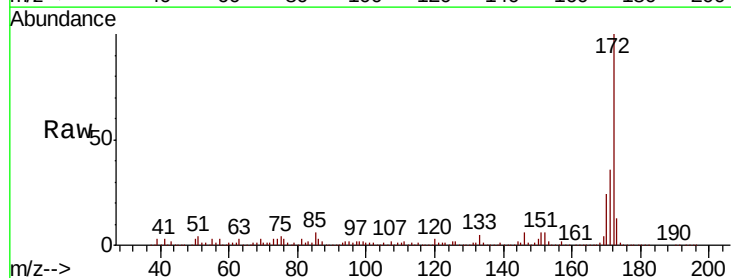


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

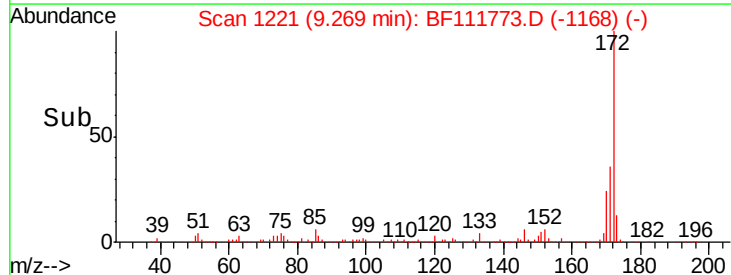
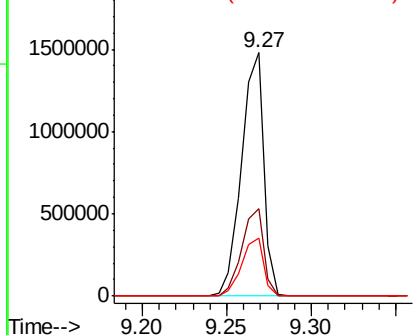


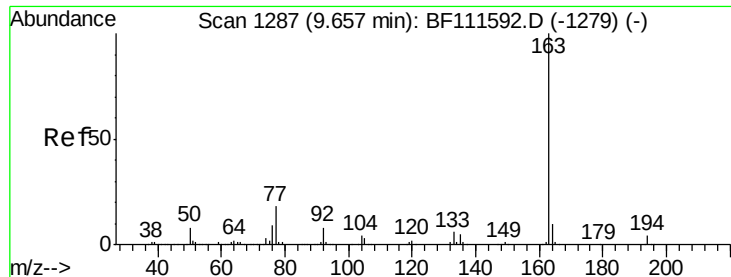
#45
 2-Fluorobiphenyl
 Concen: 94.261 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF111773.D
 Acq: 27 Dec 2018 20:07

Tgt Ion:172 Resp: 1357229
 Ion Ratio Lower Upper
 172 100
 171 35.9 33.0 49.4
 170 23.8 22.3 33.5



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

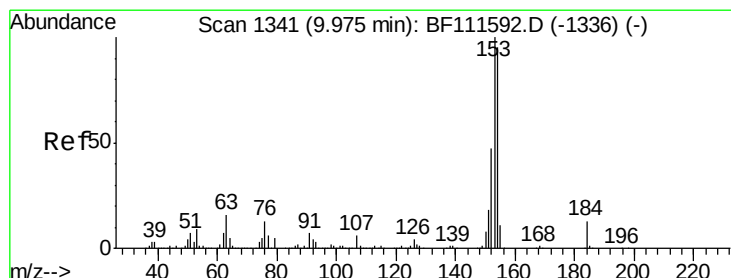
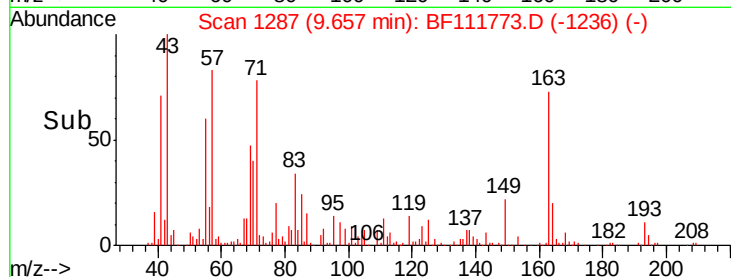
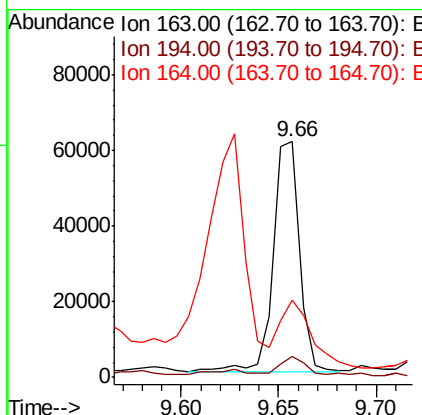
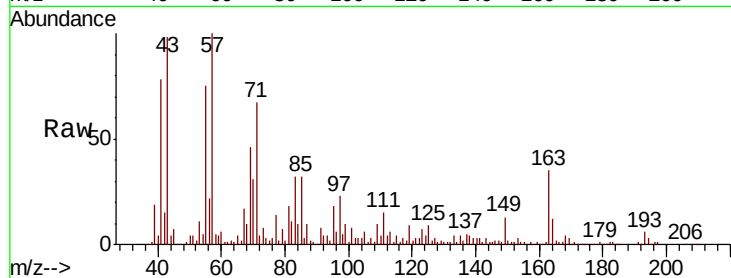




#50
Dimethylphthalate
Concen: 3.673 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

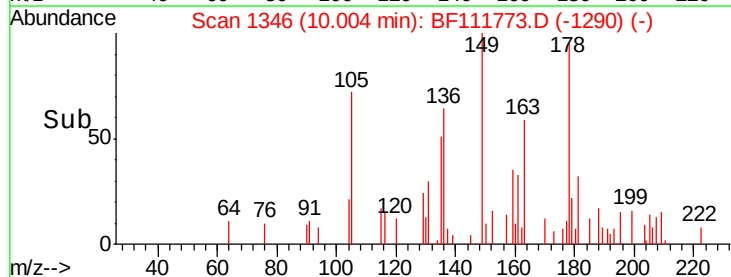
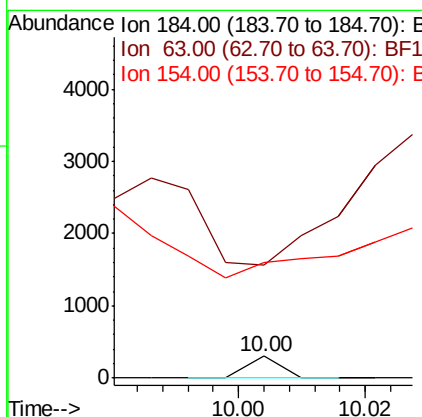
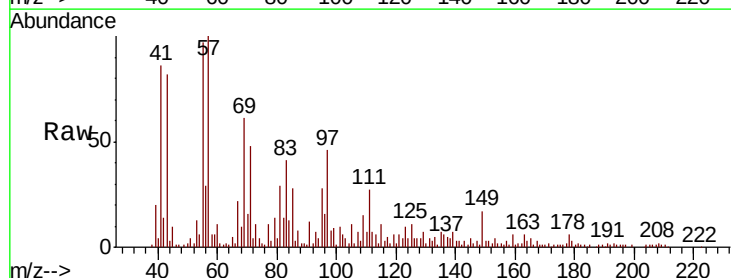
Instrument :
BNA_F
ClientSampleId :
DUP-1

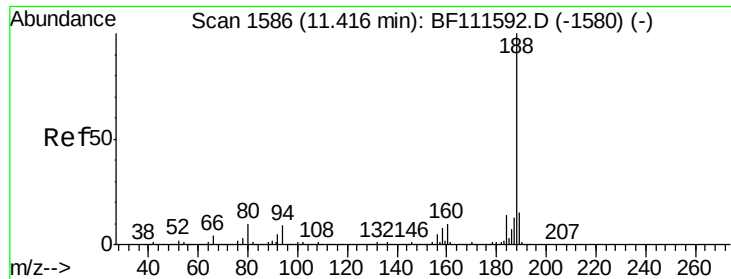
Tgt Ion:163 Resp: 56370
Ion Ratio Lower Upper
163 100
194 8.6 3.0 4.6#
164 33.0 8.9 13.3#



#54
2,4-Dinitrophenol
Concen: 7.405 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.03 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Tgt Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
63 523.0 62.3 93.5#
154 535.7 56.2 84.2#

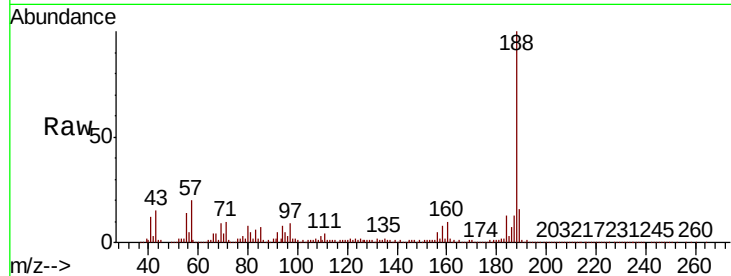




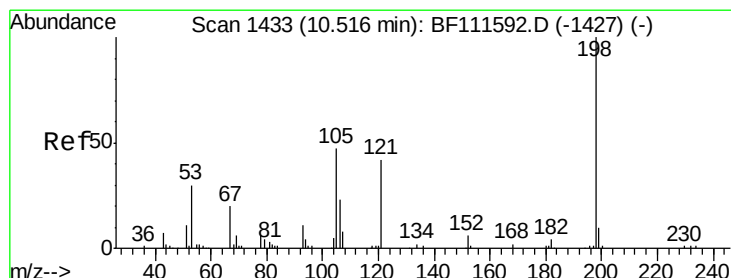
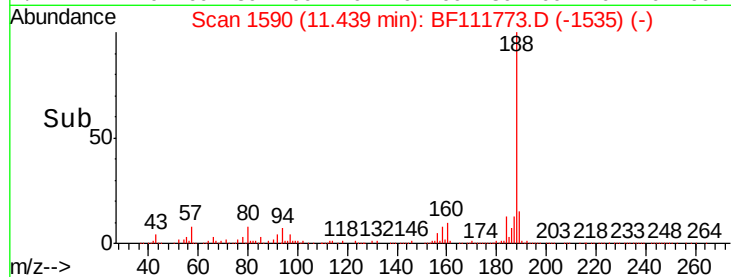
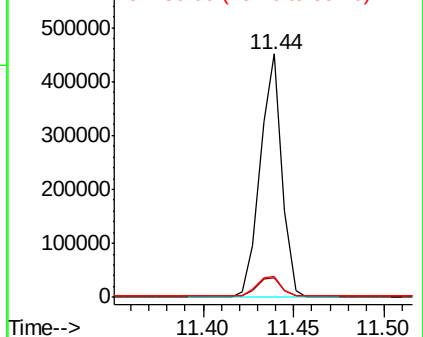
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.02 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:188 Resp: 373986
Ion Ratio Lower Upper
188 100
94 8.1 9.6 14.4#
80 8.4 9.8 14.6#

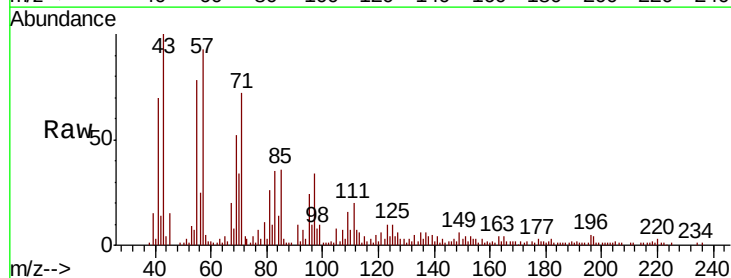


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

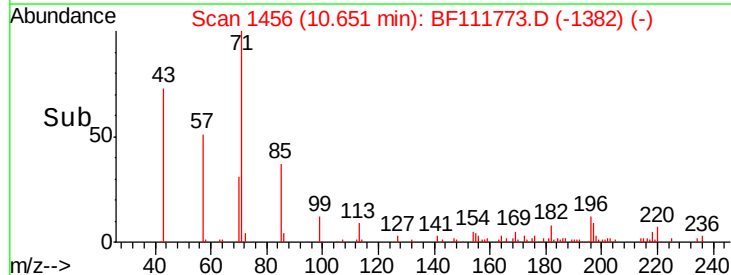
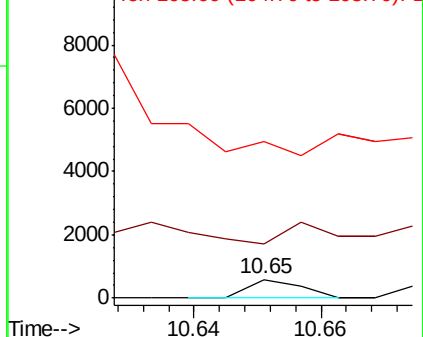


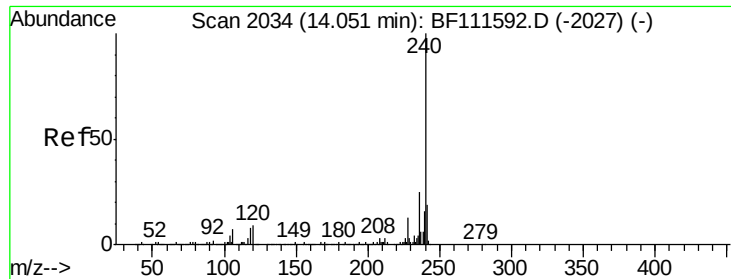
#65
4,6-Dinitro-2-methylphenol
Concen: 6.878 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.14 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Tgt Ion:198 Resp: 332
Ion Ratio Lower Upper
198 100
51 297.4 48.0 88.0#
105 855.3 34.0 74.0#



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

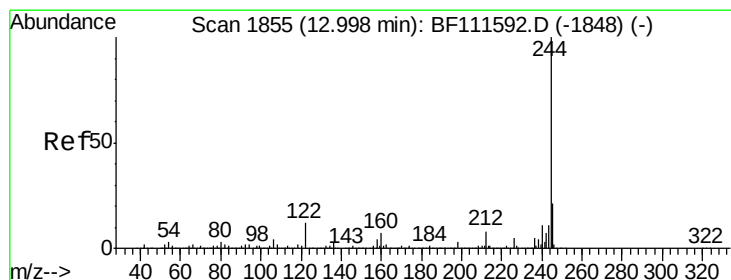
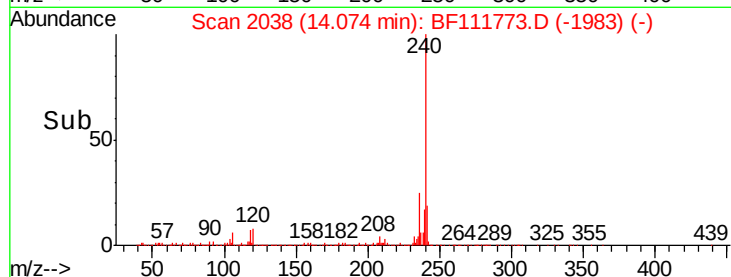
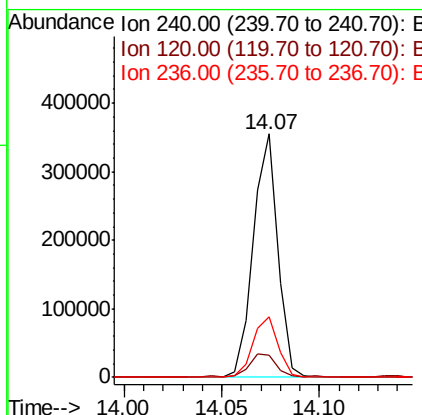
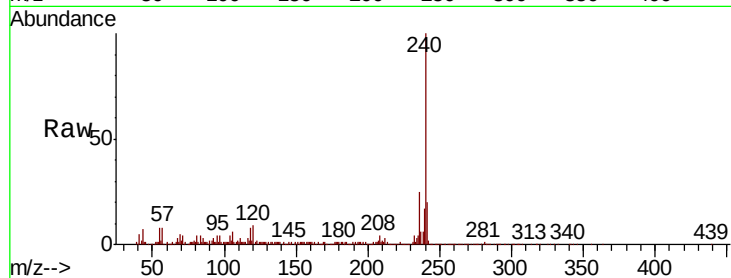




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

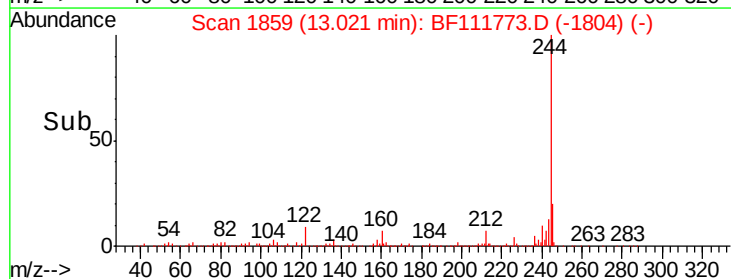
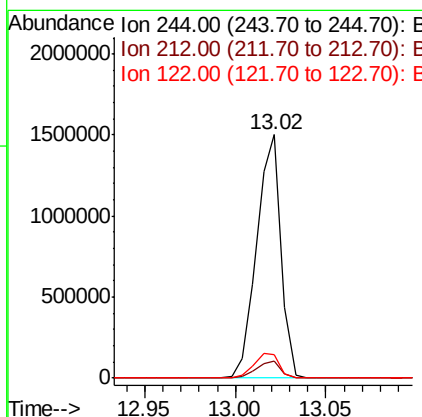
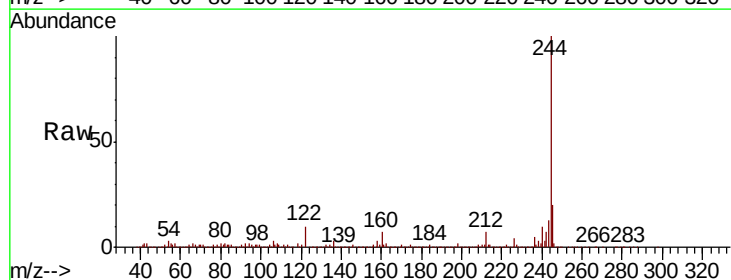
Instrument :
BNA_F
ClientSampleId :
DUP-1

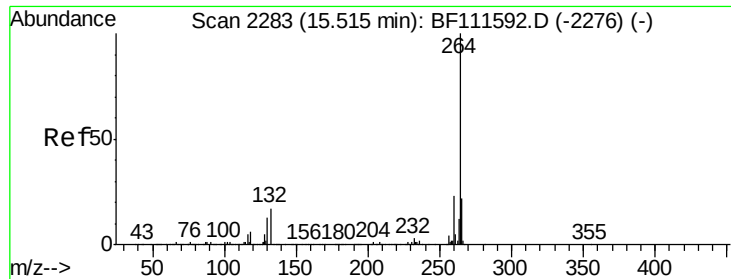
Tgt Ion:240 Resp: 307073
Ion Ratio Lower Upper
240 100
120 8.9 12.2 18.2#
236 25.0 20.2 30.2



#79
Terphenyl-d14
Concen: 85.822 ng
RT: 13.02 min Scan# 1859
Delta R.T. 0.02 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Tgt Ion:244 Resp: 1389651
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.6 13.1 19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	22.3	17.7	26.5

