

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113447.D
 Acq On : 30 Mar 2019 8:17
 Operator : JU/SJ
 Sample : K2153-24
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Apr 01 04:12:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

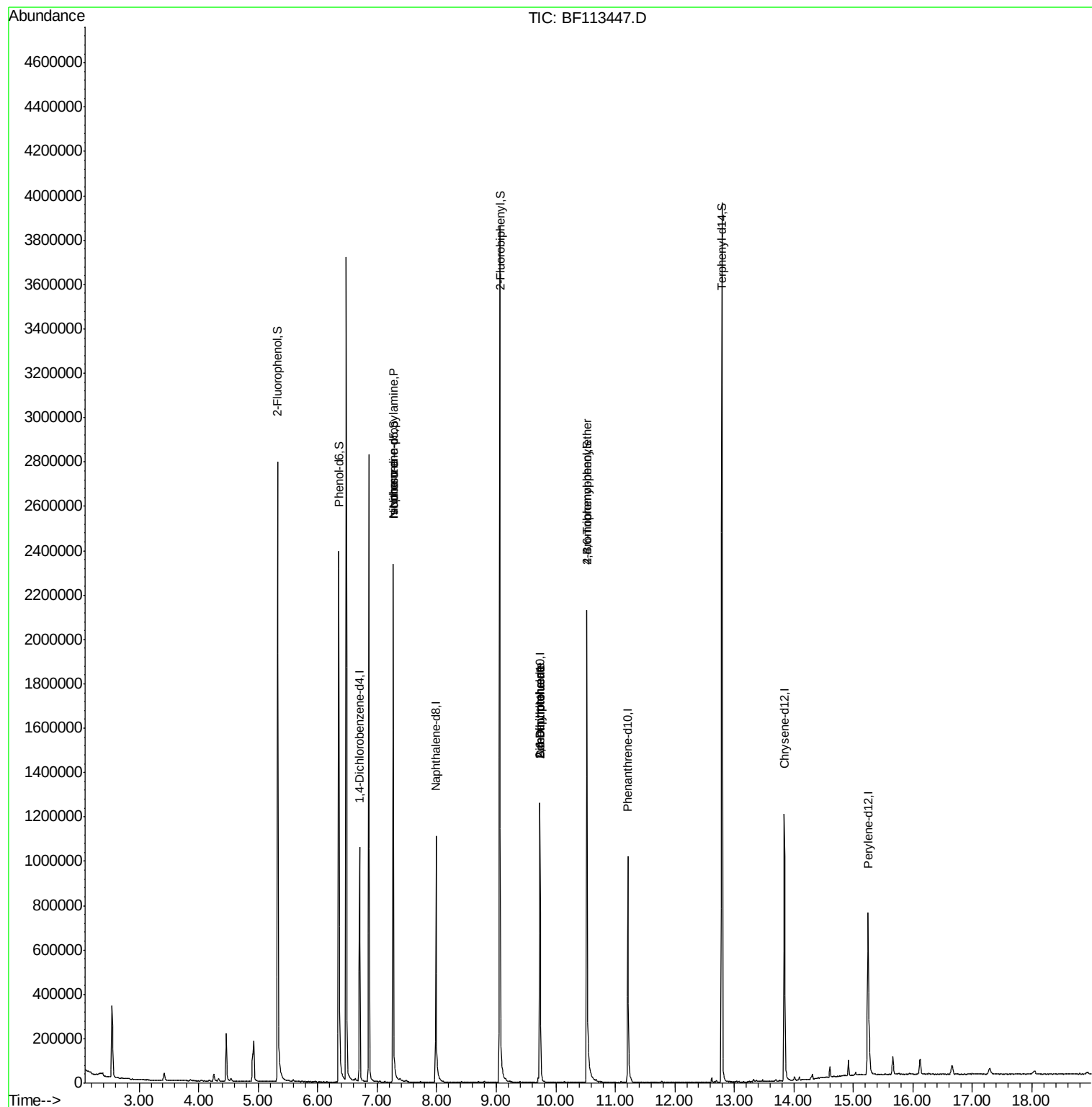
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	153939	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	574299	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	263789	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	476050	20.00	ng	0.00
76) Chrysene-d12	13.84	240	494731	20.00	ng	0.00
87) Perylene-d12	15.24	264	407913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	913865	97.07	ng	0.01
7) Phenol-d6	6.36	99	1055548	88.63	ng	0.00
23) Nitrobenzene-d5	7.27	82	782738	80.90	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	369938	113.53	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1430264	84.98	ng	0.00
79) Terphenyl-d14	12.79	244	1537218	68.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	100210	13.395	ng	# 76
25) Isophorone	7.27	82	777636	41.471	ng	# 64
50) Dimethylphthalate	9.73	163	60164	3.078	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	33455	7.586	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	33455	5.965	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	20412	3.934	ng	# 1

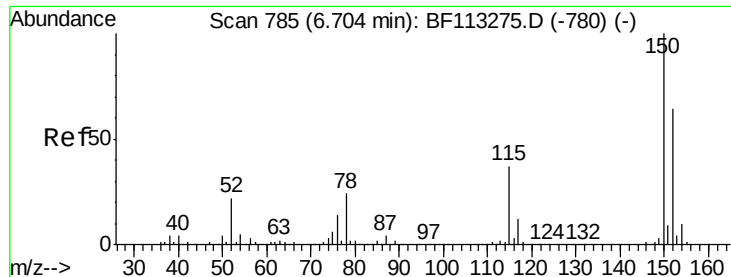
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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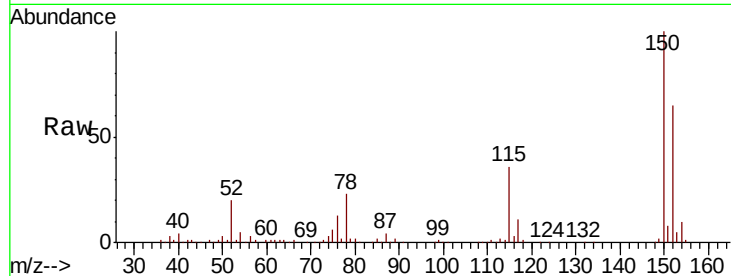


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	55.3	46.0	69.0

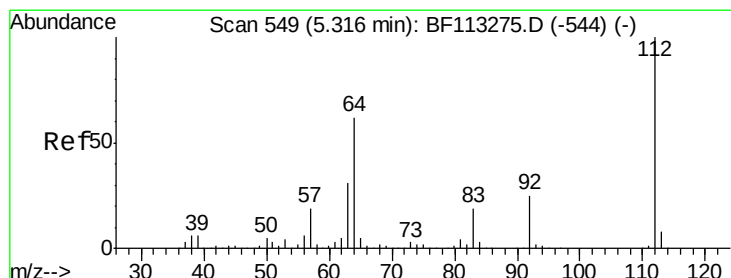
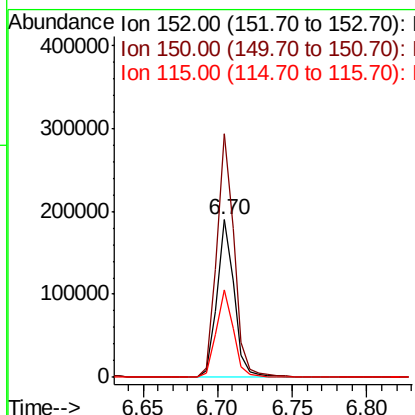
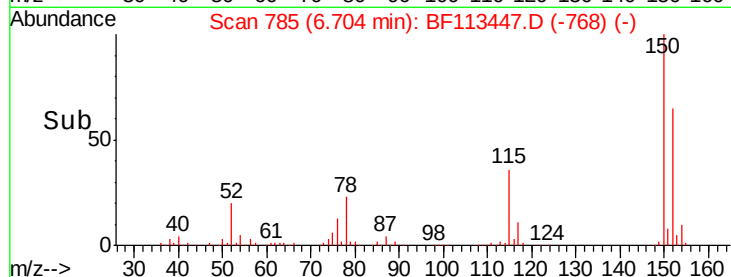


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

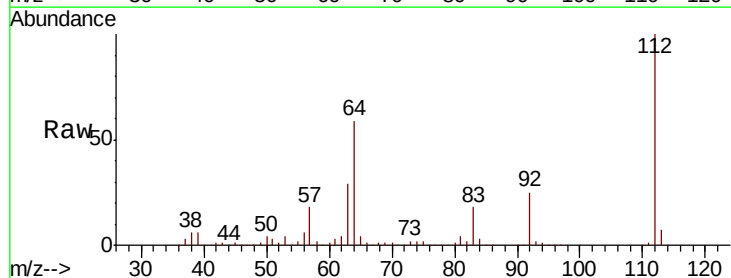
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 97.070 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	49.2	73.8
63	29.4	24.9	37.3

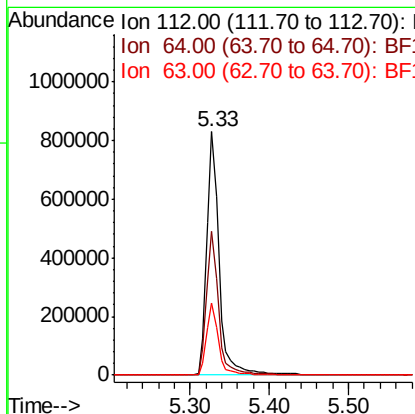
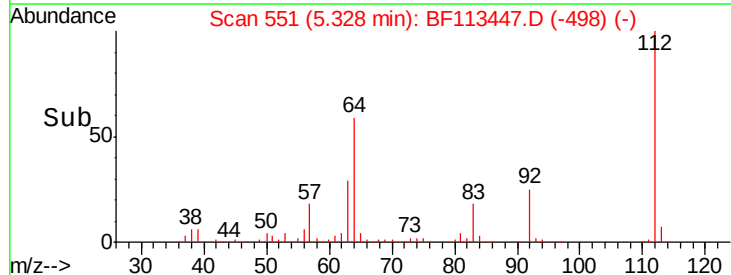


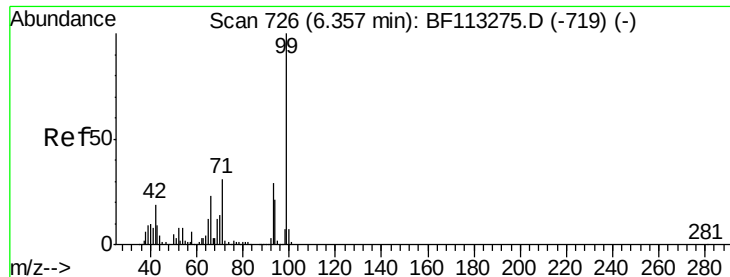
Abundance

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: 88.628 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113447.D

Acq: 30 Mar 2019 8:17

Instrument :

BNA_F

ClientSampleId :

SP-1

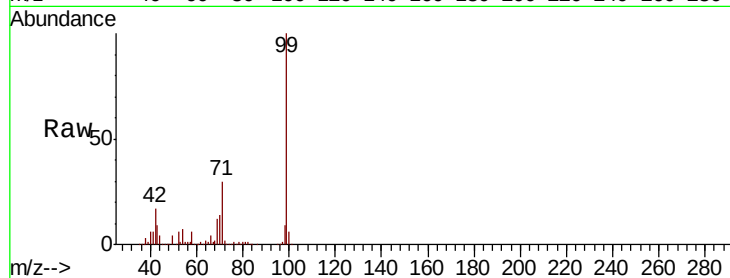
Tgt Ion: 99 Resp: 1055548

Ion Ratio Lower Upper

99 100

42 16.6 14.8 22.2

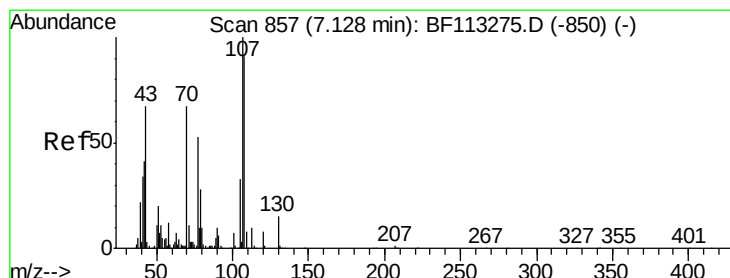
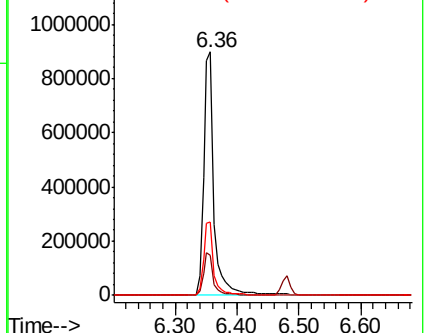
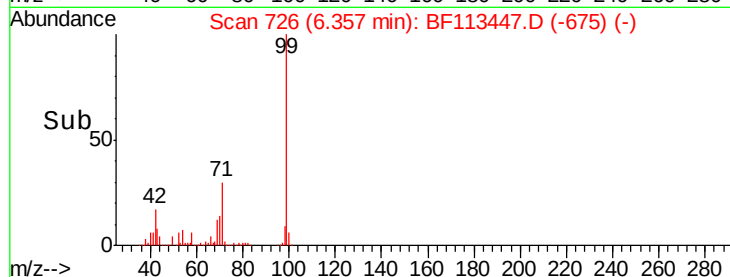
71 29.9 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.395 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113447.D

Acq: 30 Mar 2019 8:17

Tgt Ion: 70 Resp: 100210

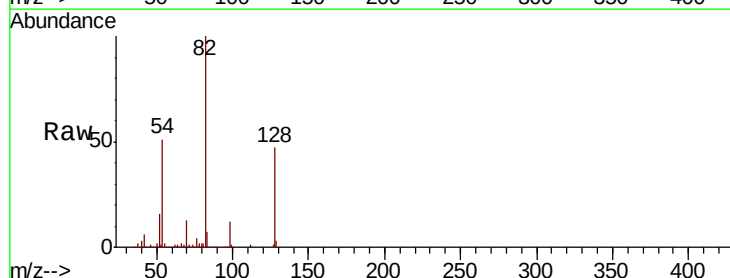
Ion Ratio Lower Upper

70 100

42 48.4 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

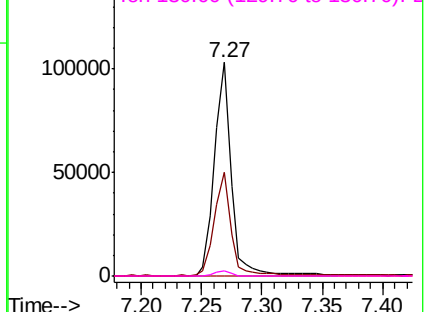
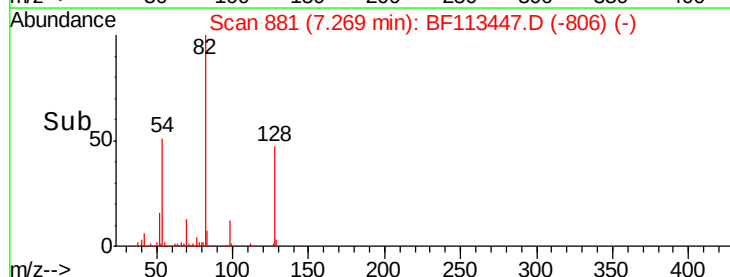


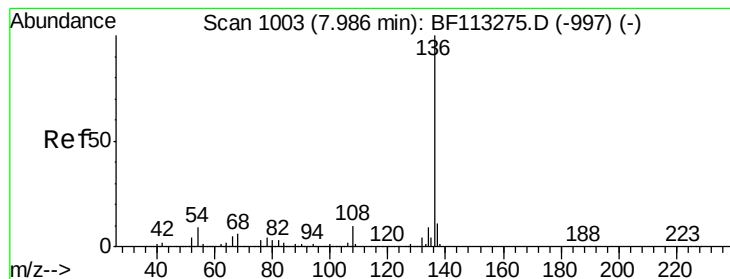
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113447.D

Acq: 30 Mar 2019 8:17

Instrument :

BNA_F

ClientSampleId :

SP-1

Tgt Ion: 136 Resp: 574299

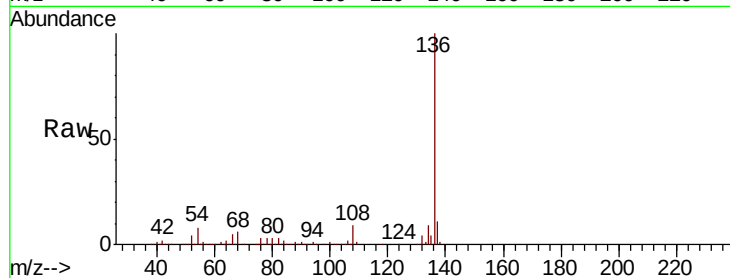
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.7 7.0 10.6

68 6.0 4.8 7.2

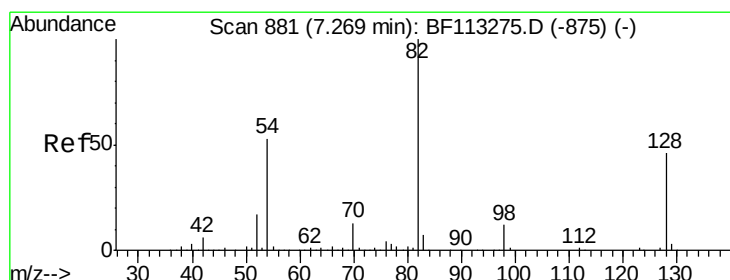
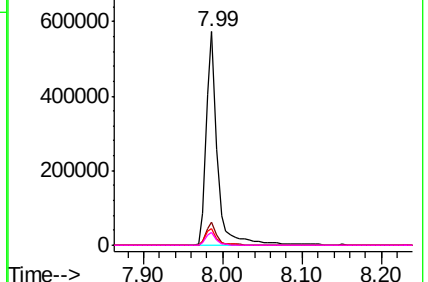
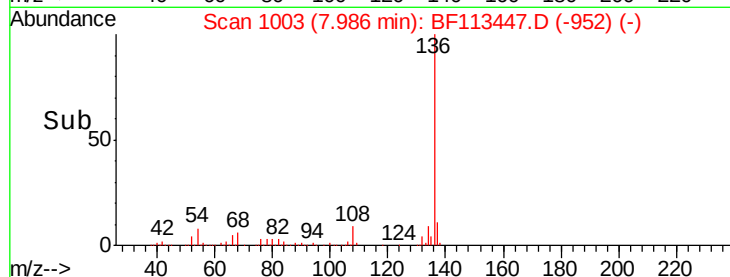


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.896 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113447.D

Acq: 30 Mar 2019 8:17

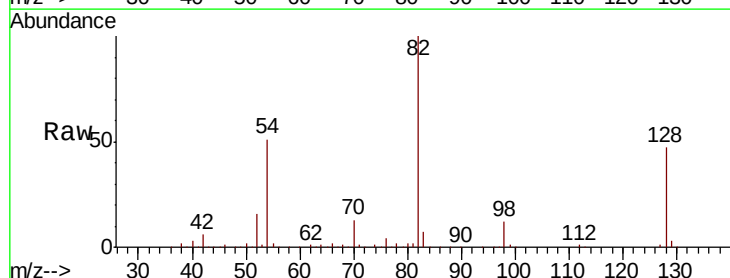
Tgt Ion: 82 Resp: 782738

Ion Ratio Lower Upper

82 100

128 47.0 36.5 54.7

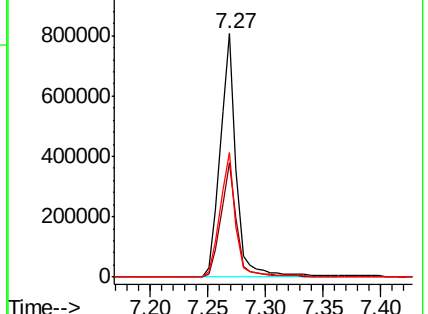
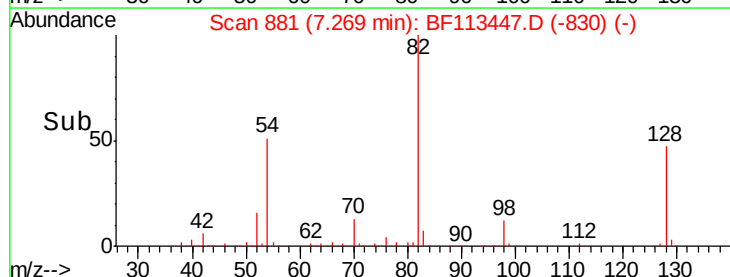
54 51.2 42.2 63.2

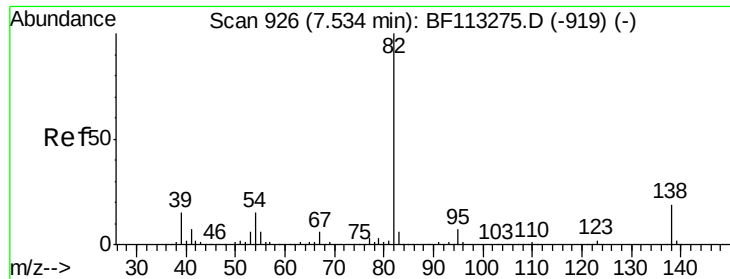


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

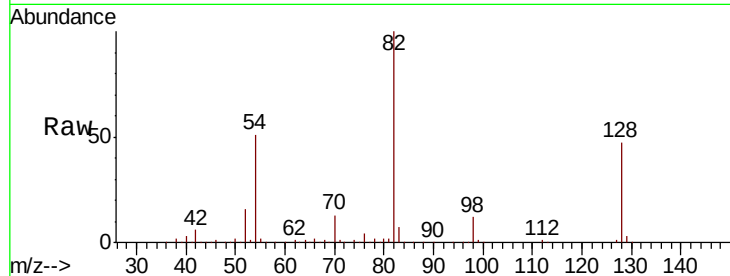




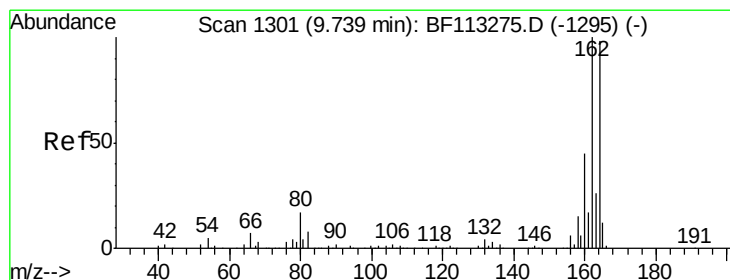
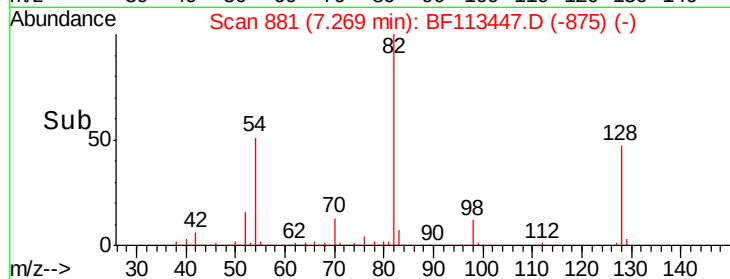
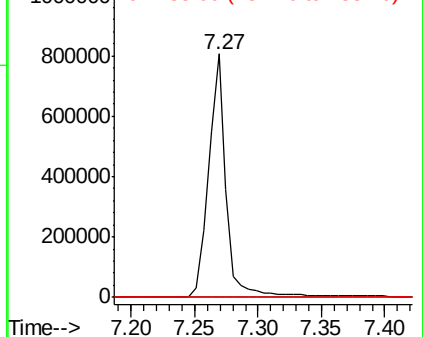
#25
Isophorone
Concen: 41.471 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113447.D
Acq: 30 Mar 2019 8:17

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 82 Resp: 777636
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#

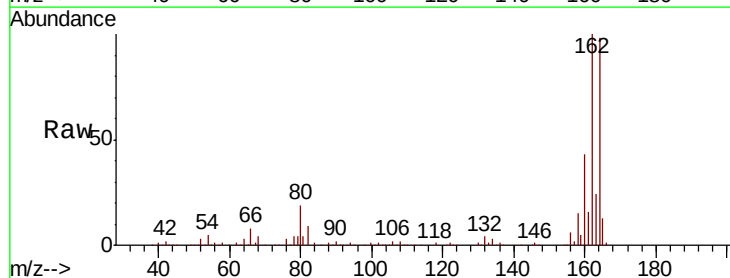


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

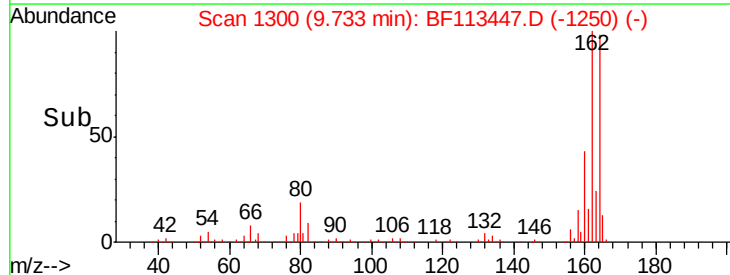
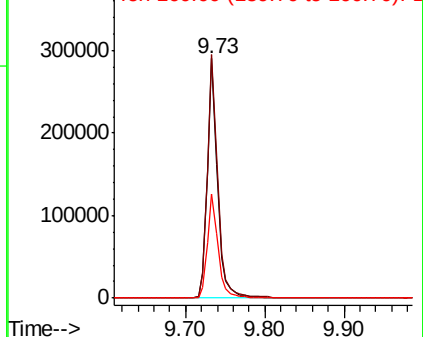


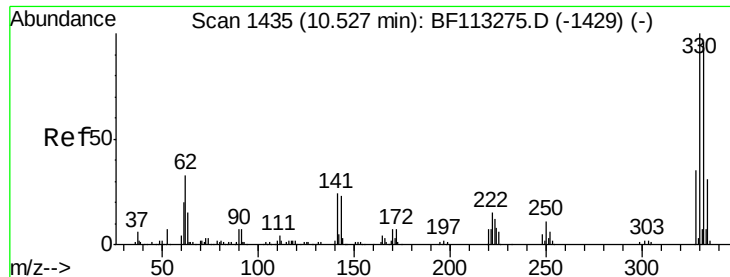
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113447.D
Acq: 30 Mar 2019 8:17

Tgt Ion: 164 Resp: 263789
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 43.5 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

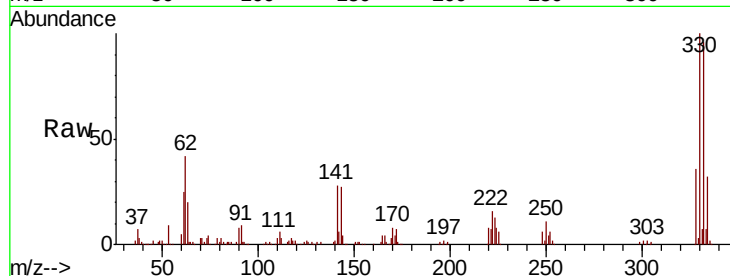




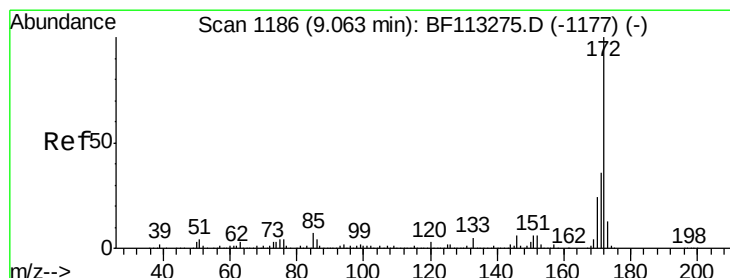
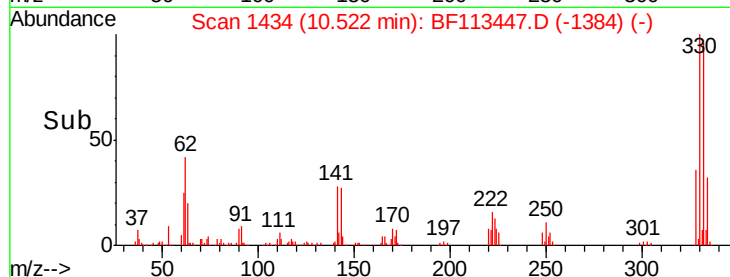
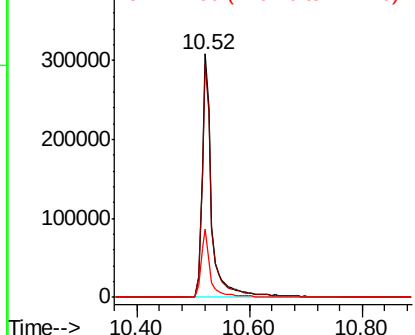
#42
 2,4,6-Tribromophenol
 Concen: 113.534 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tgt Ion:330 Resp: 369938
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.8 116.6
 141 27.3 22.7 34.1

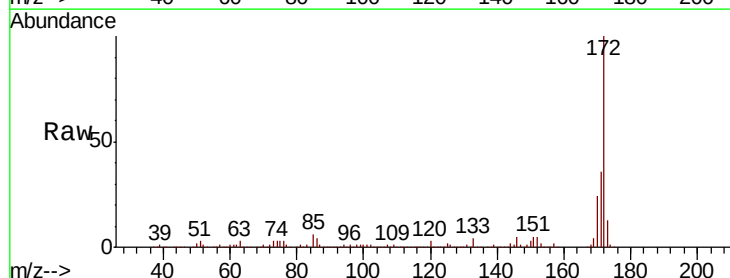


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

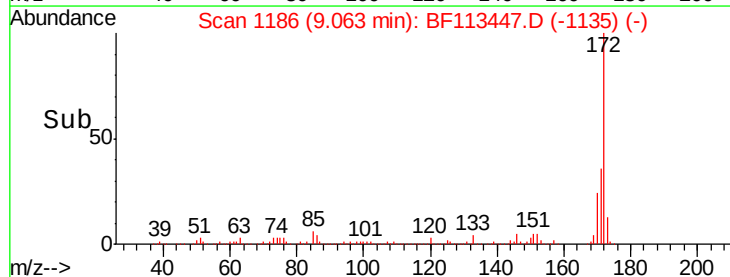
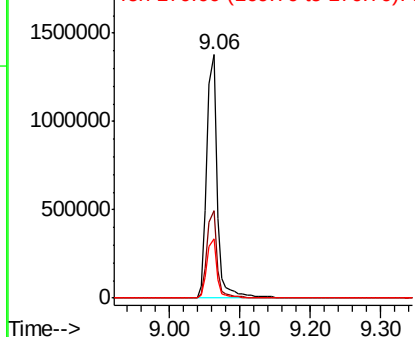


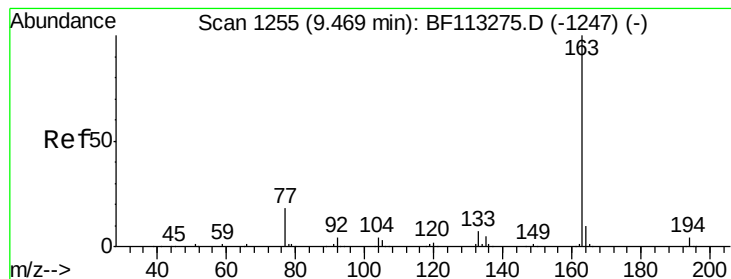
#45
 2-Fluorobiphenyl
 Concen: 84.978 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Tgt Ion:172 Resp: 1430264
 Ion Ratio Lower Upper
 172 100
 171 36.0 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





#50

Dimethylphthalate

Concen: 3.078 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.26 min

Lab File: BF113447.D

Acq: 30 Mar 2019 8:17

Instrument :

BNA_F

ClientSampleId :

SP-1

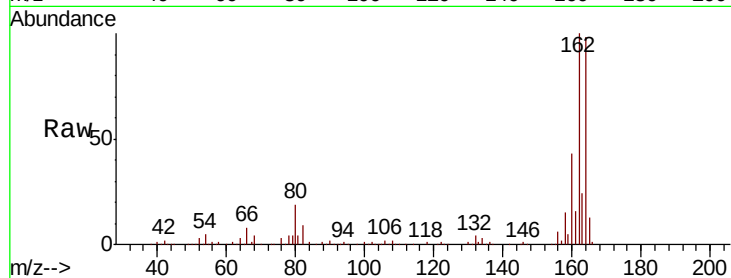
Tgt Ion:163 Resp: 60164

Ion Ratio Lower Upper

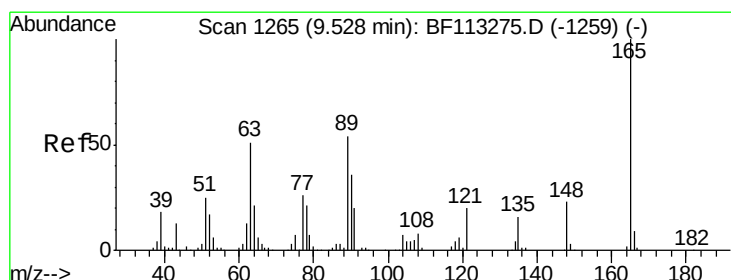
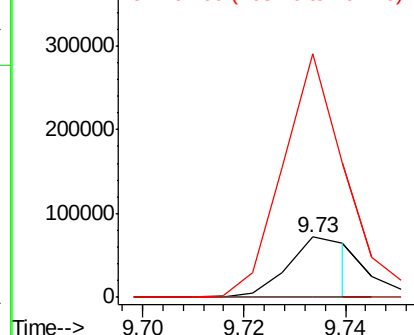
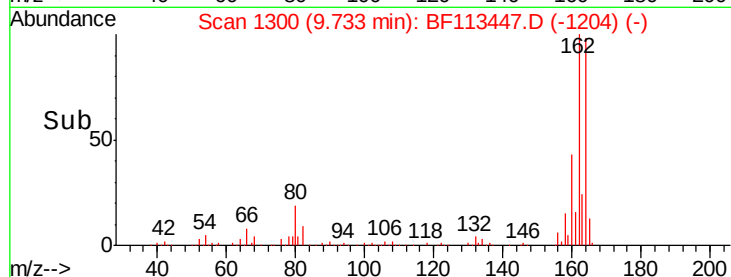
163 100

194 0.0 3.0 4.6#

164 405.8 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: 7.586 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113447.D

Acq: 30 Mar 2019 8:17

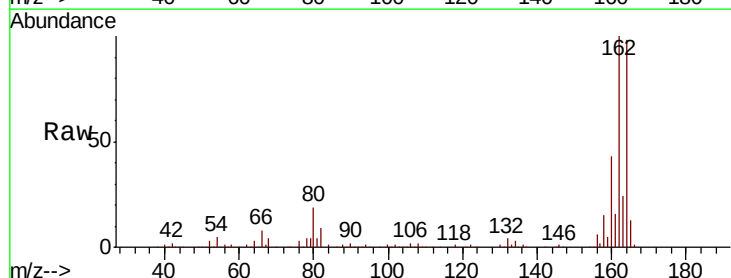
Tgt Ion:165 Resp: 33455

Ion Ratio Lower Upper

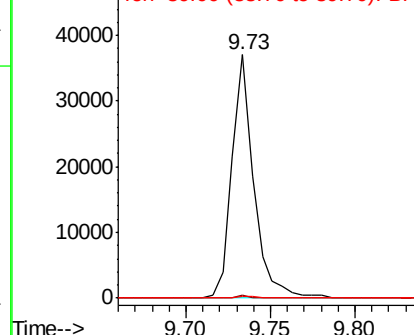
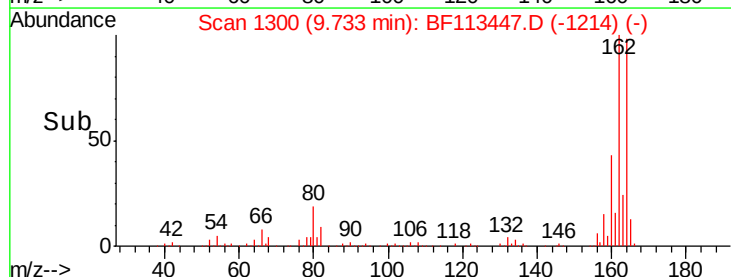
165 100

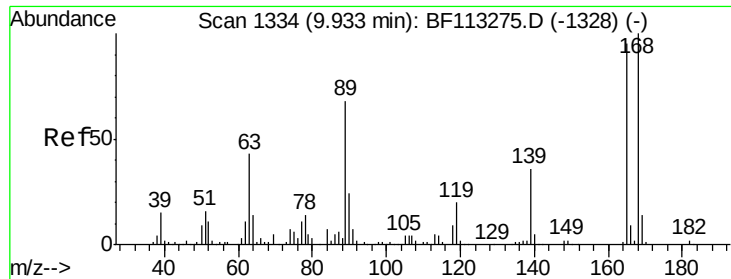
63 1.2 43.4 65.0#

89 0.9 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

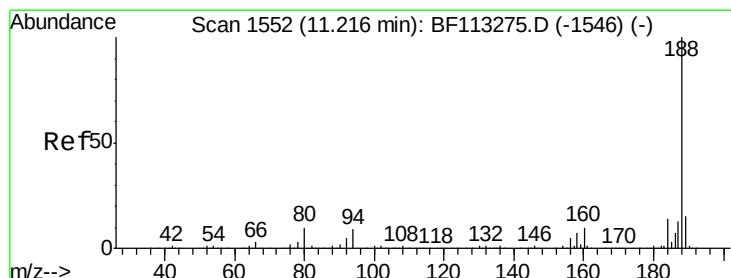
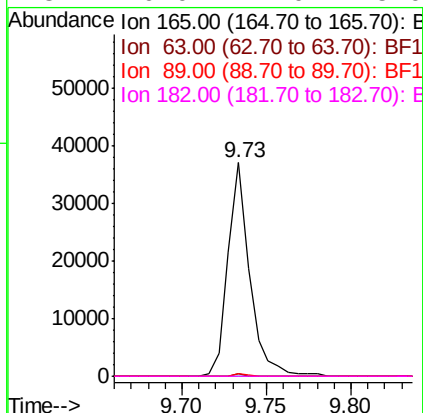
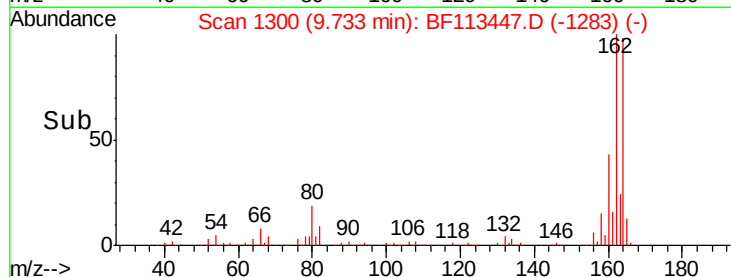
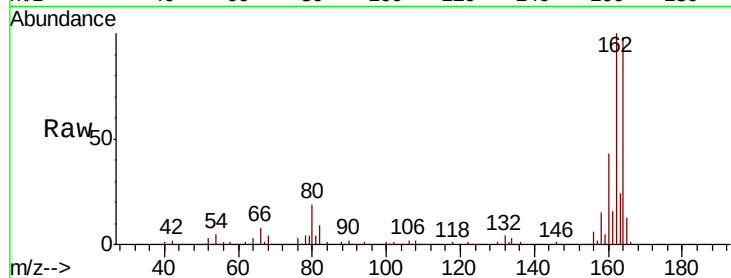




#57
 2,4-Dinitrotoluene
 Concen: 5.965 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

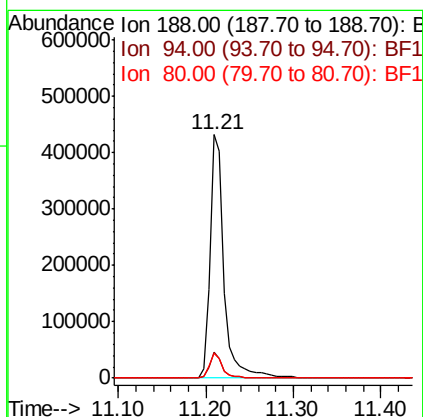
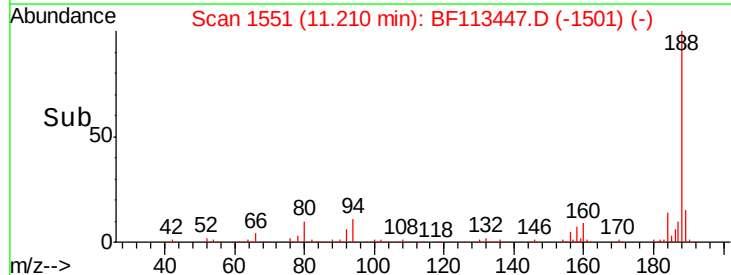
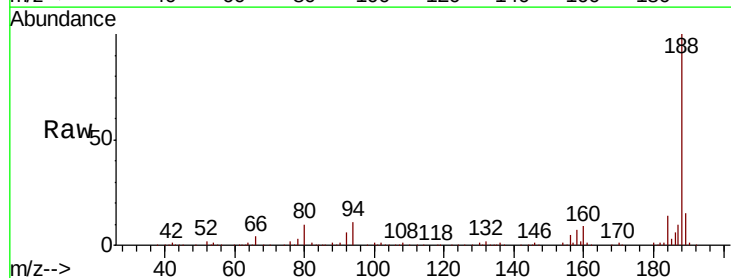
Instrument :
 BNA_F
 ClientSampled :
 SP-1

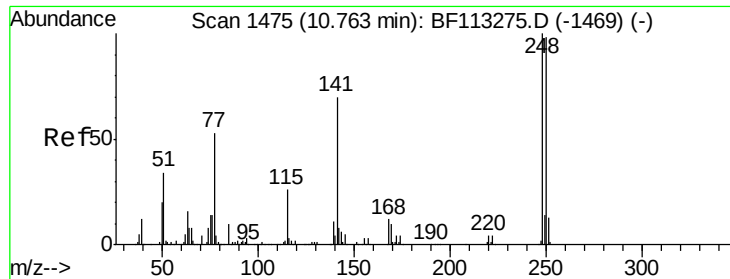
Tgt Ion:165 Resp: 33455
 Ion Ratio Lower Upper
 165 100
 63 1.2 37.5 56.3#
 89 0.9 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Tgt Ion:188 Resp: 476050
 Ion Ratio Lower Upper
 188 100
 94 10.8 7.0 10.6#
 80 10.4 7.7 11.5

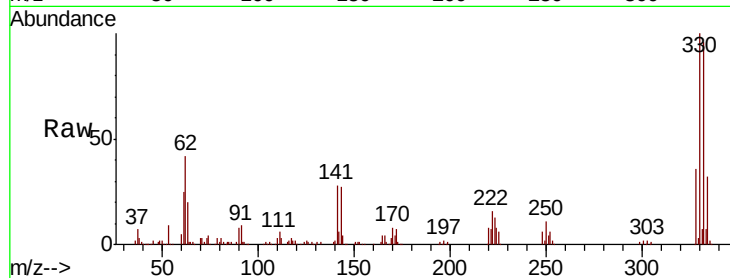




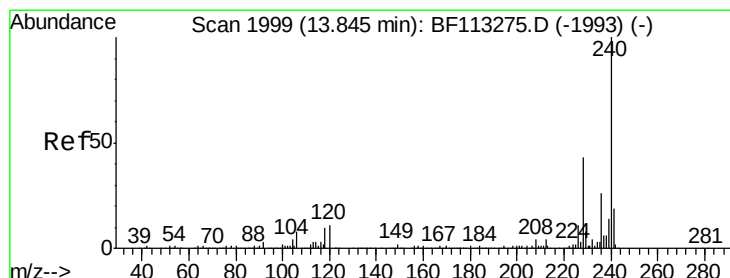
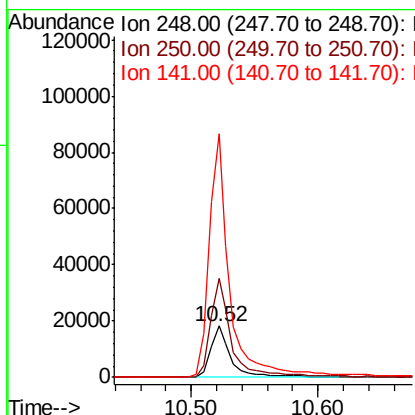
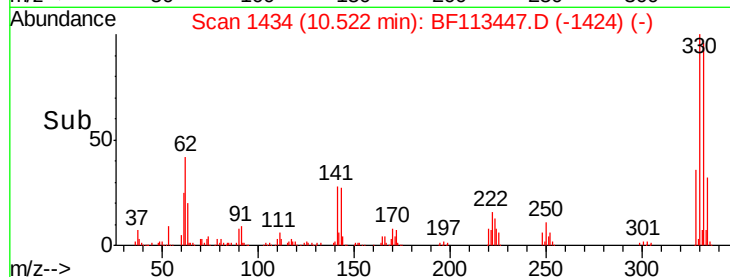
#67
 4-Bromophenyl-phenylether
 Concen: 3.934 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tgt Ion: 248 Resp: 20412
 Ion Ratio Lower Upper
 248 100
 250 193.2 78.3 117.5#
 141 473.3 56.2 84.4#

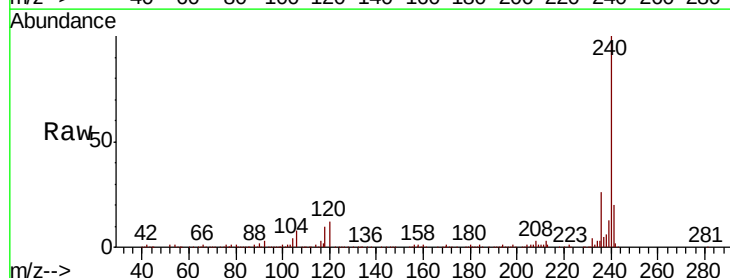


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

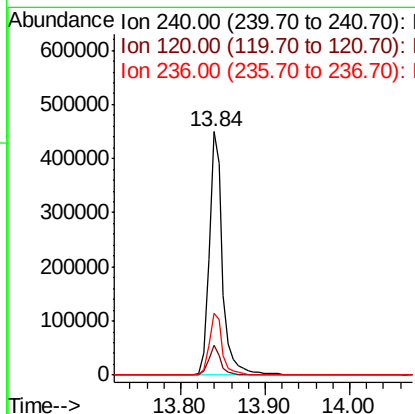
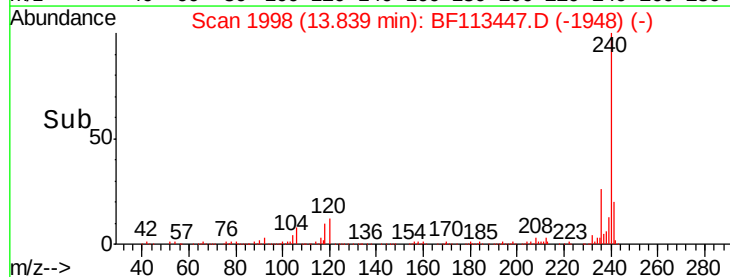


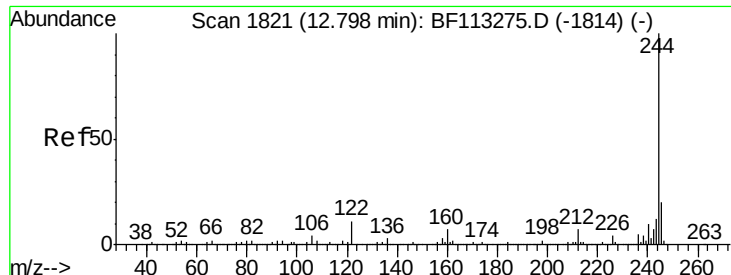
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Tgt Ion: 240 Resp: 494731
 Ion Ratio Lower Upper
 240 100
 120 12.5 8.8 13.2
 236 25.5 20.9 31.3



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

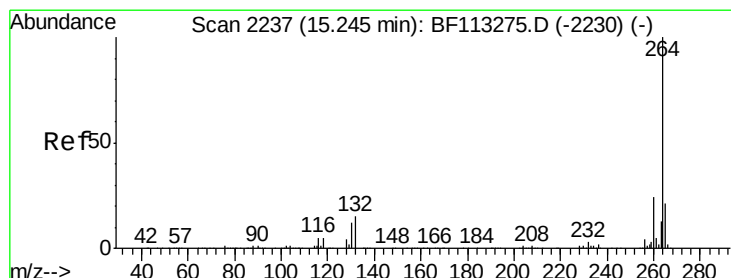
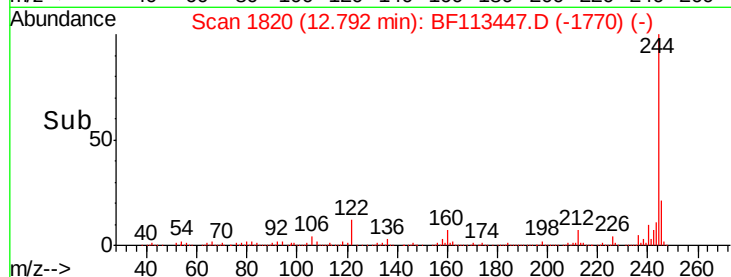
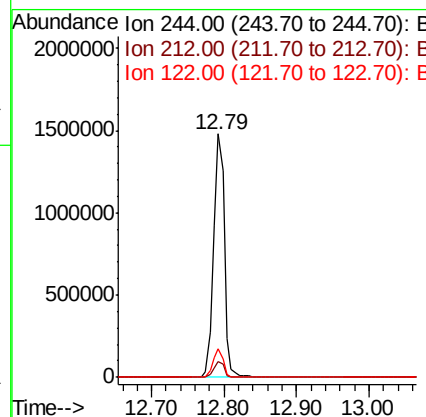
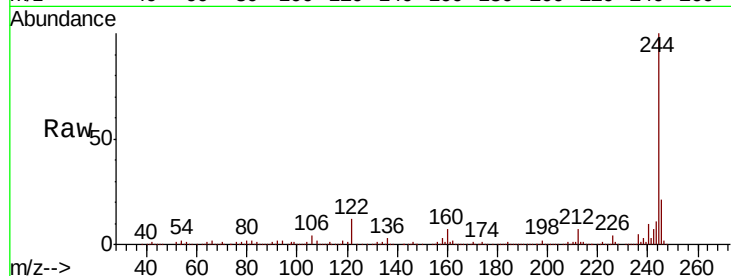




#79
 Terphenyl-d14
 Concen: 68.487 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:244 Resp: 1537218
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.6 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Tgt Ion:264 Resp: 407913
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.9 17.1 25.7

