

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113313.D
 Acq On : 27 Mar 2019 1:47
 Operator : JU/SJ
 Sample : K1693-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-032519-A

Quant Time: Mar 27 05:04:00 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	161021	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	590760	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	301581	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	573031	20.00	ng	0.00
76) Chrysene-d12	13.83	240	404770	20.00	ng	-0.01
87) Perylene-d12	15.23	264	454558	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1097307	111.43	ng	0.02
7) Phenol-d6	6.35	99	1214134	97.46	ng	0.00
23) Nitrobenzene-d5	7.27	82	967062	97.16	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	462580	124.18	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1785270	94.82	ng	0.00
79) Terphenyl-d14	12.79	244	1660483	90.42	ng	0.00

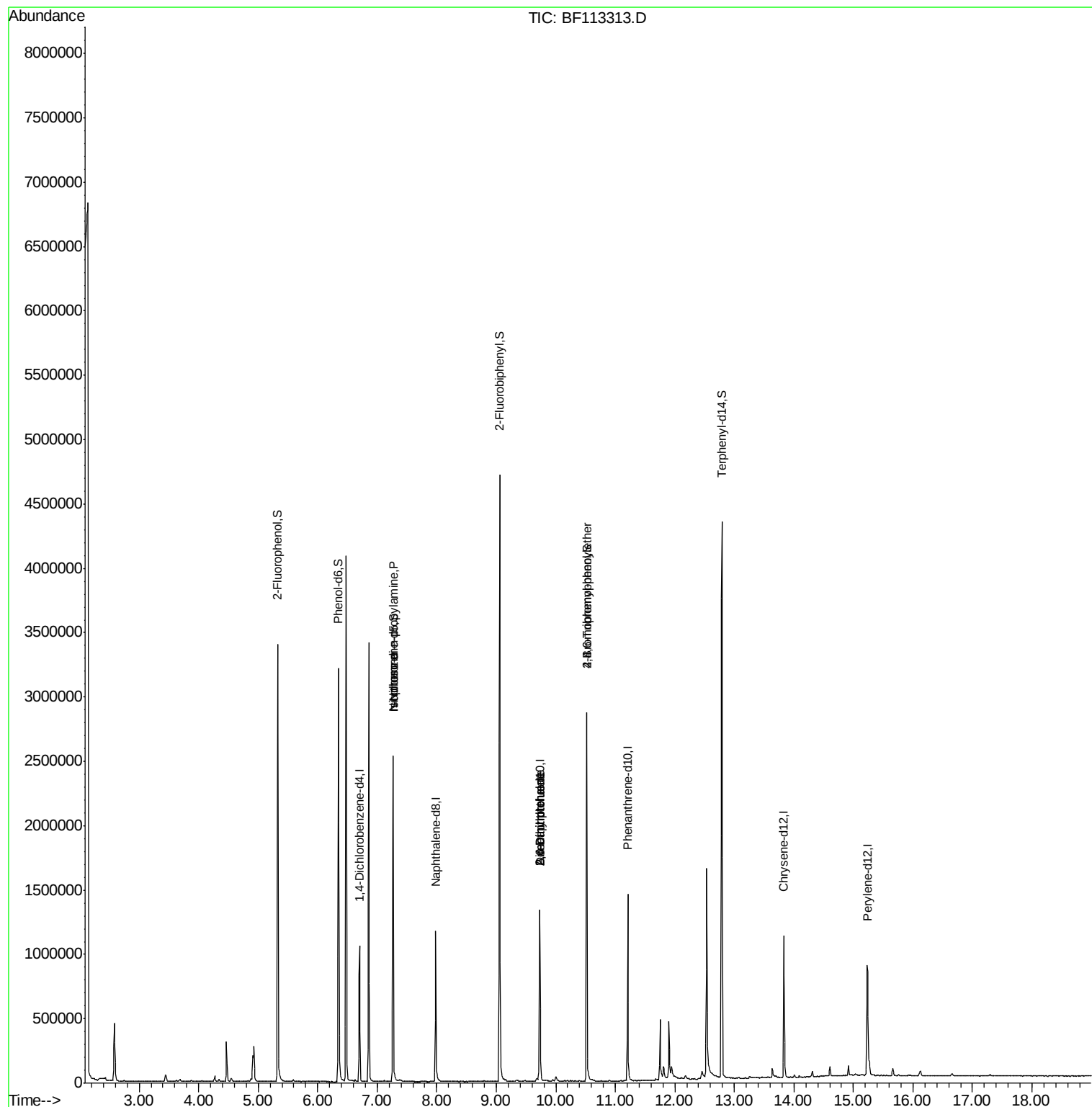
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	126822	16.207	ng	# 78
25) Isophorone	7.27	82	958182	49.675	ng	# 64
50) Dimethylphthalate	9.73	163	79328	3.549	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	39698	7.873	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	39698	6.191	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	26724	4.279	ng	# 1

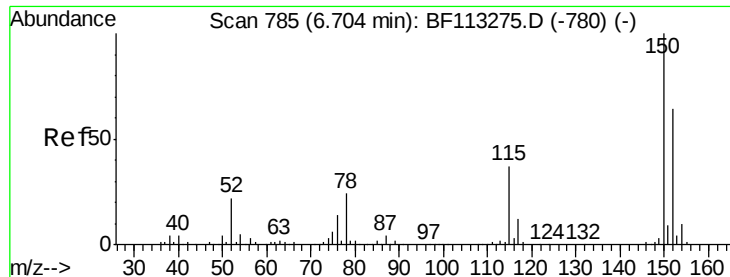
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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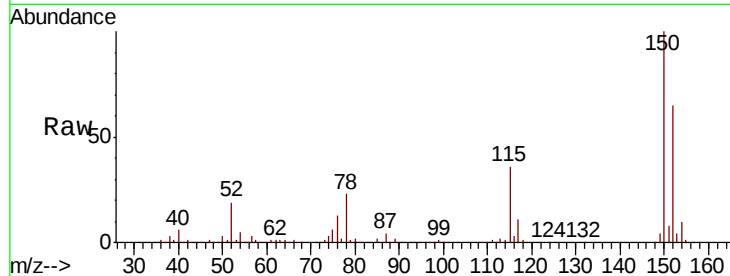


#1

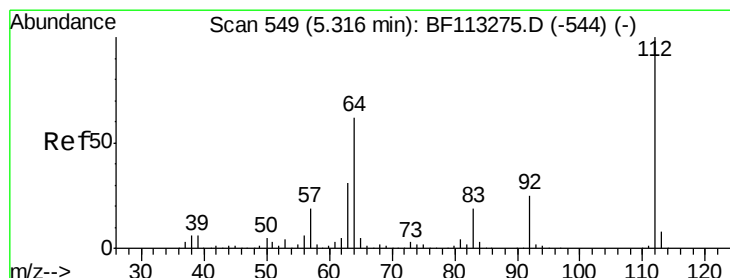
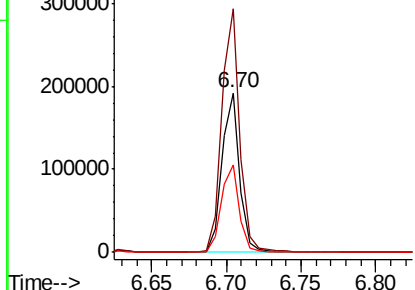
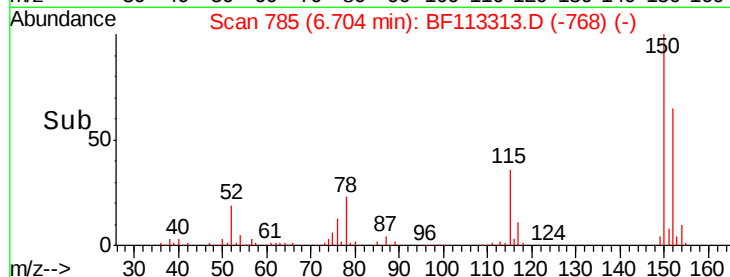
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF113313.D
 Acq: 27 Mar 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-032519-A

Tgt Ion:152 Resp: 161021
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.7 187.1
 115 54.9 46.0 69.0



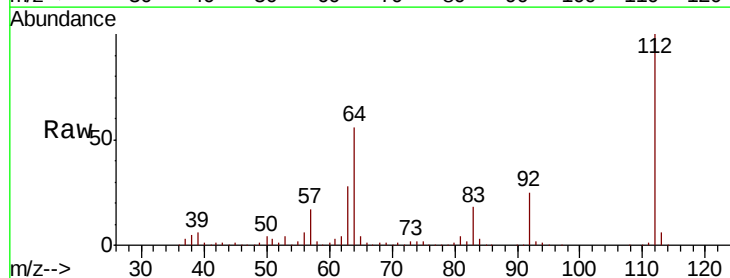
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



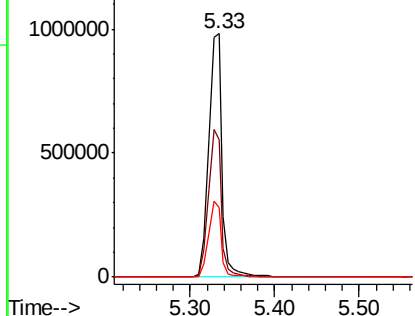
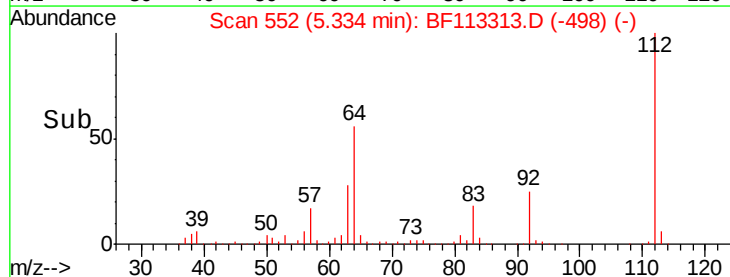
#5

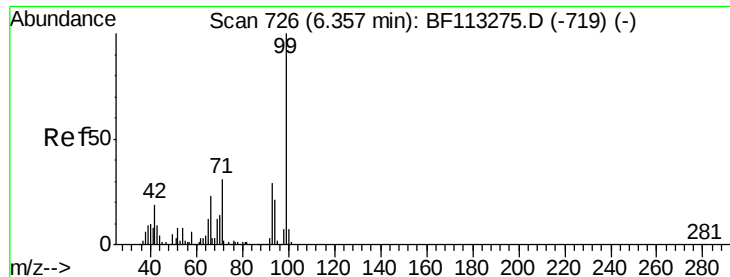
2-Fluorophenol
 Concen: 111.428 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.02 min
 Lab File: BF113313.D
 Acq: 27 Mar 2019 1:47

Tgt Ion:112 Resp: 1097307
 Ion Ratio Lower Upper
 112 100
 64 56.3 49.2 73.8
 63 28.5 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: 97.460 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113313.D

Acq: 27 Mar 2019 1:47

Instrument :

BNA_F

ClientSampleId :

OR-01-032519-A

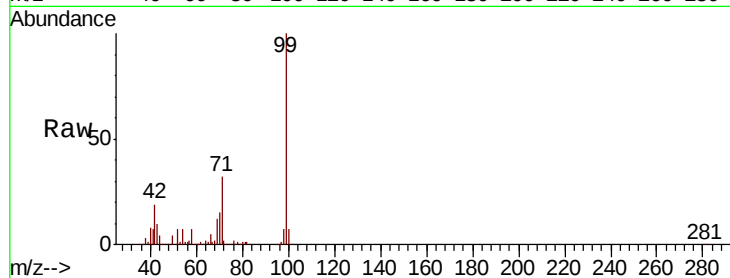
Tgt Ion: 99 Resp: 1214134

Ion Ratio Lower Upper

99 100

42 18.9 14.8 22.2

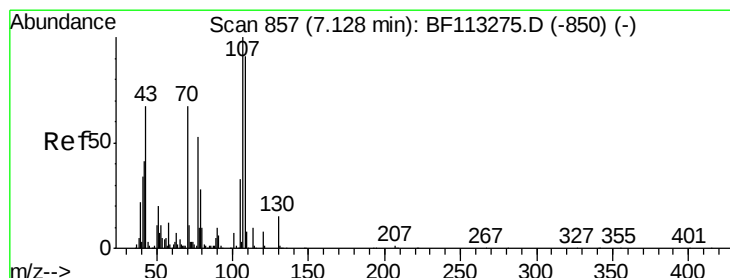
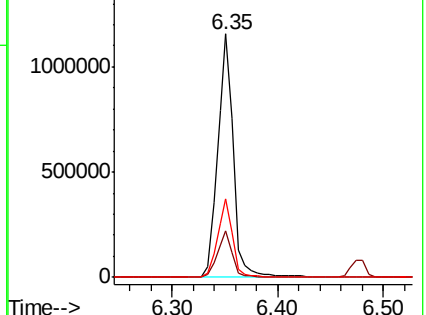
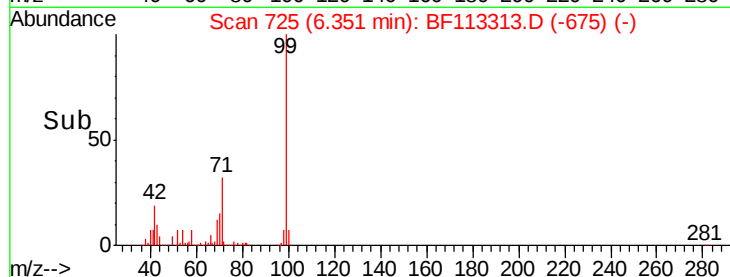
71 32.2 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.207 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113313.D

Acq: 27 Mar 2019 1:47

Tgt Ion: 70 Resp: 126822

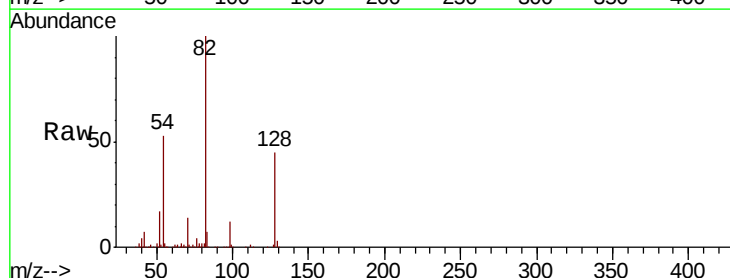
Ion Ratio Lower Upper

70 100

42 50.7 48.4 72.6

101 0.0 7.8 11.8#

130 2.1 18.2 27.4#

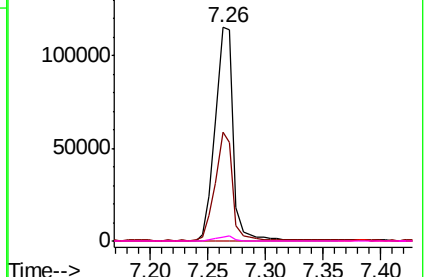
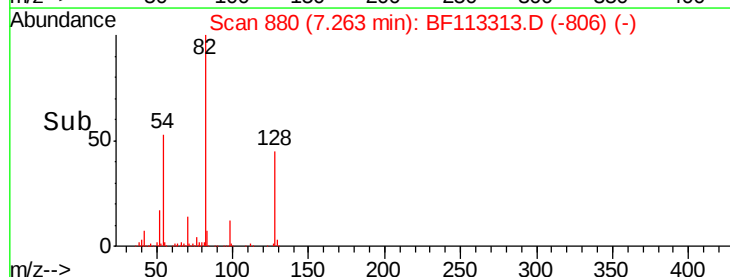


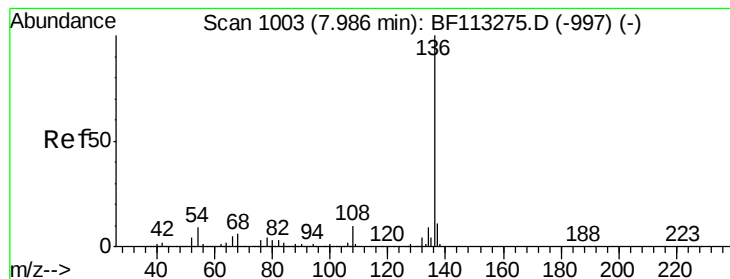
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113313.D

Acq: 27 Mar 2019 1:47

Instrument :

BNA_F

ClientSampleId :

OR-01-032519-A

Tgt Ion: 136 Resp: 590760

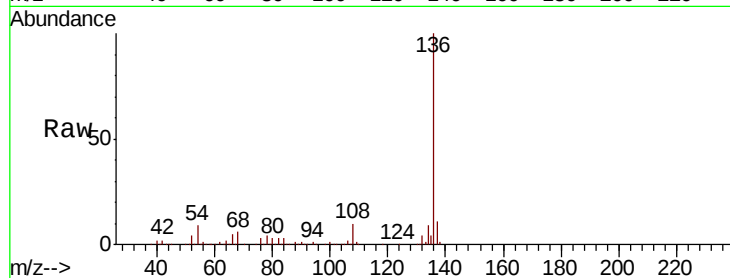
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.6 7.0 10.6

68 6.3 4.8 7.2

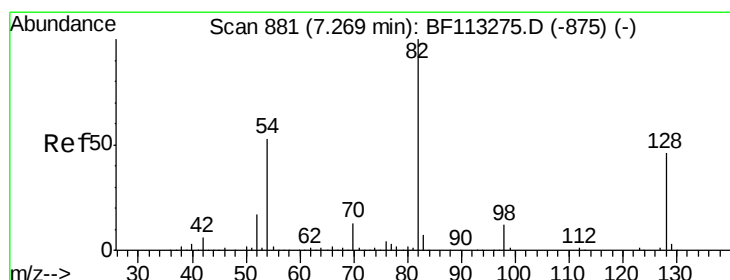
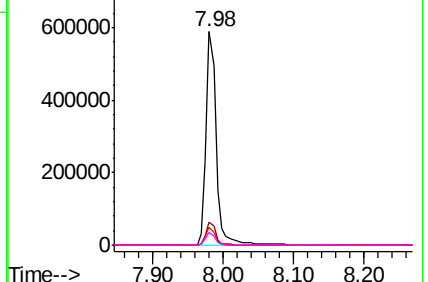
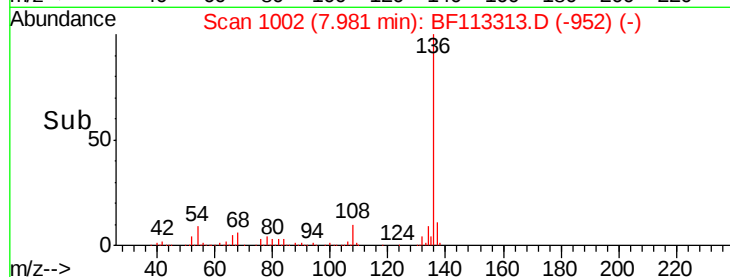


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.161 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113313.D

Acq: 27 Mar 2019 1:47

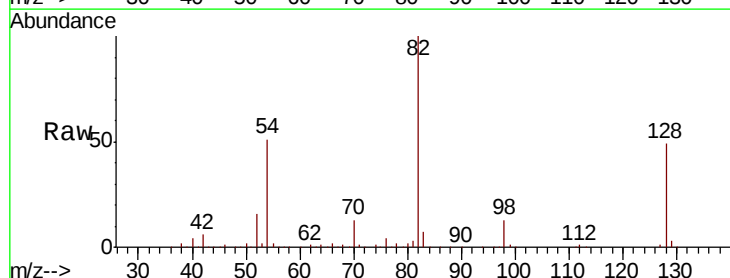
Tgt Ion: 82 Resp: 967062

Ion Ratio Lower Upper

82 100

128 49.5 36.5 54.7

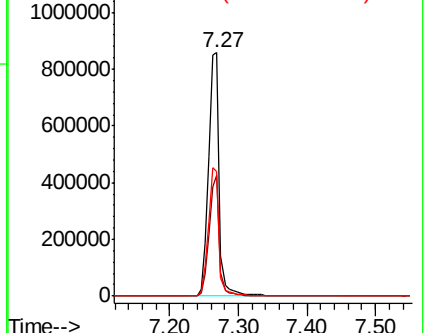
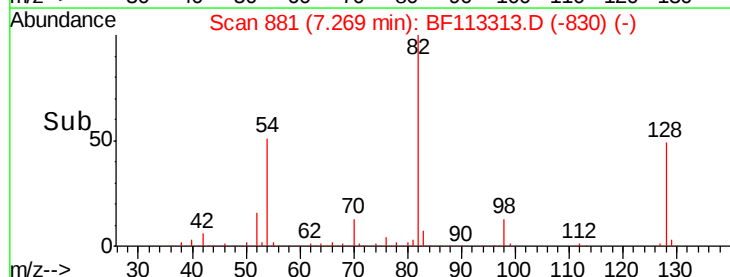
54 51.2 42.2 63.2

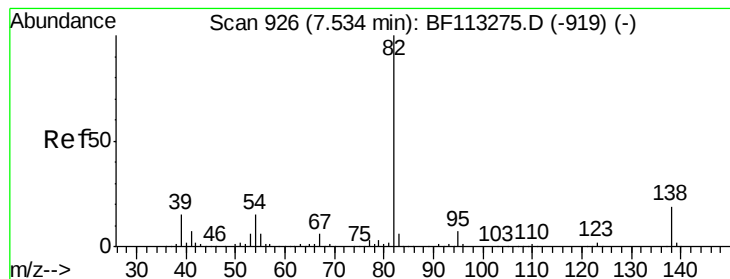


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.675 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113313.D

Acq: 27 Mar 2019 1:47

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OR-01-032519-A

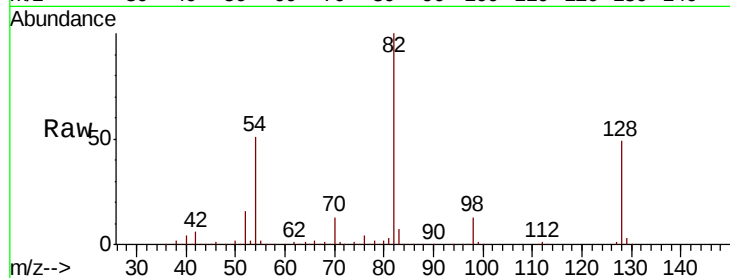
Tgt Ion: 82 Resp: 958182

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

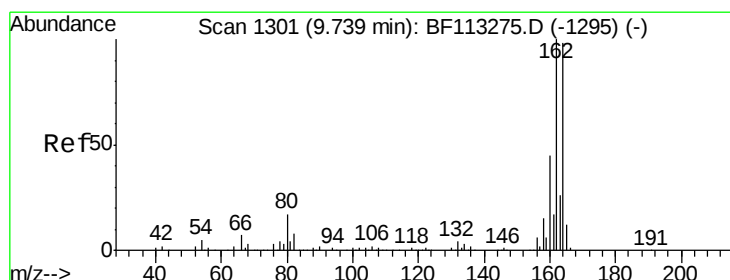
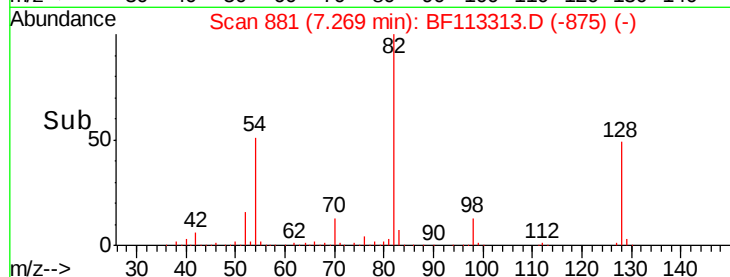
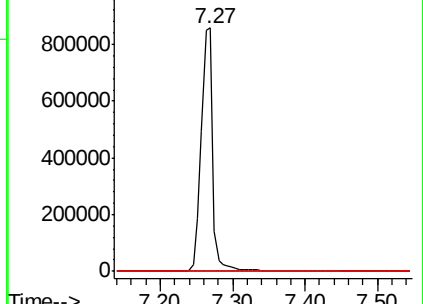
138 0.0 15.2 22.8#



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: BF113313.D

Acq: 27 Mar 2019 1:47

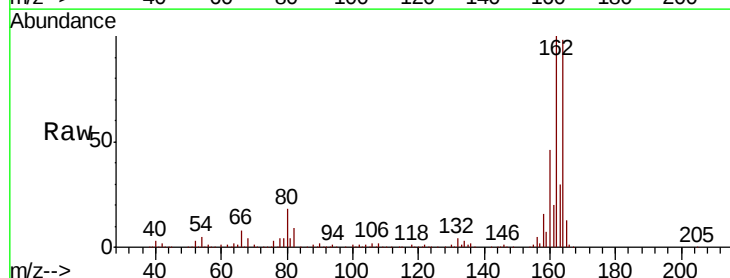
Tgt Ion: 164 Resp: 301581

Ion Ratio Lower Upper

164 100

162 101.7 81.8 122.6

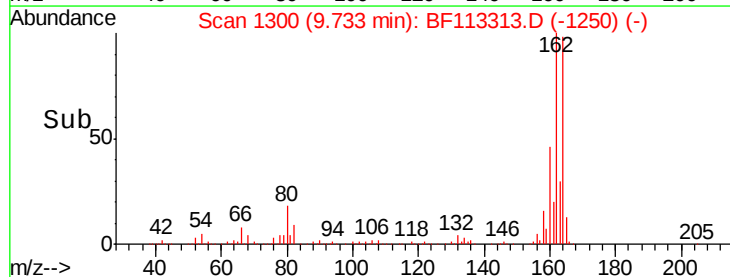
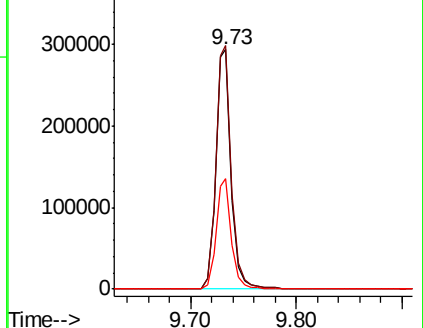
160 46.3 36.4 54.6

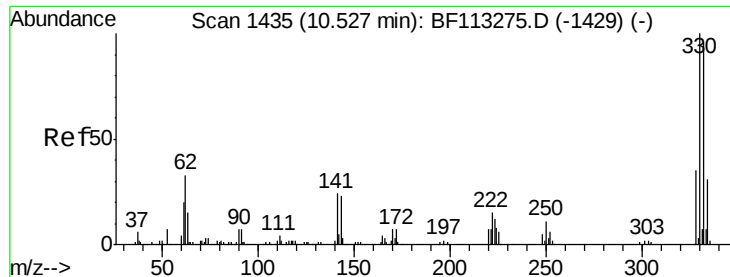


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

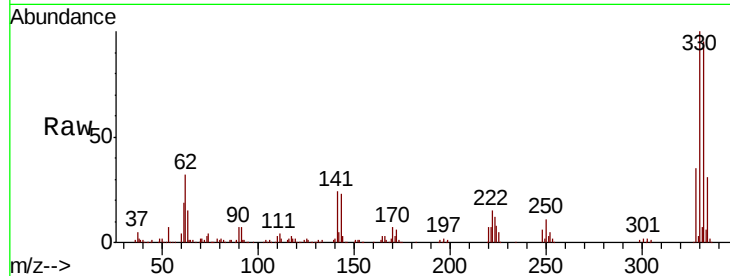




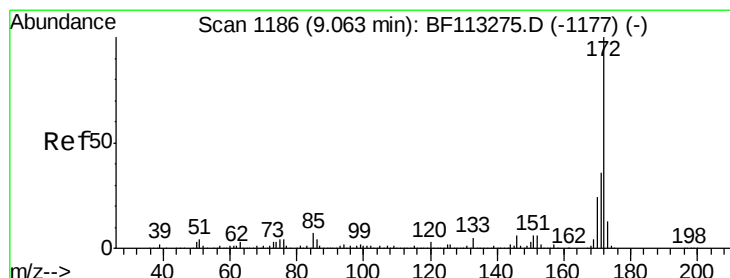
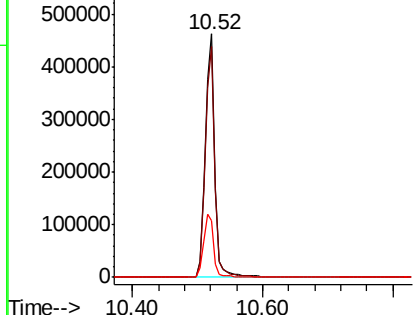
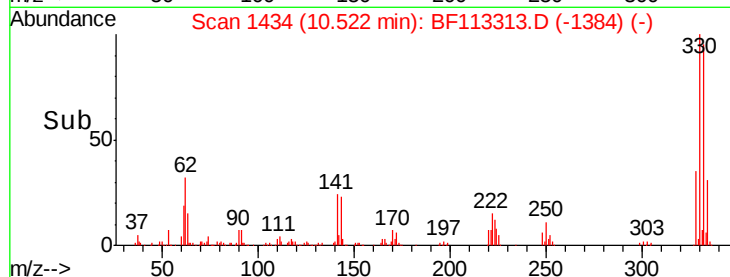
#42
 2,4,6-Tribromophenol
 Concen: 124.175 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113313.D
 Acq: 27 Mar 2019 1:47

Instrument :
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 OR-01-032519-A

Tgt Ion:330 Resp: 462580
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.8 116.6
 141 27.8 22.7 34.1

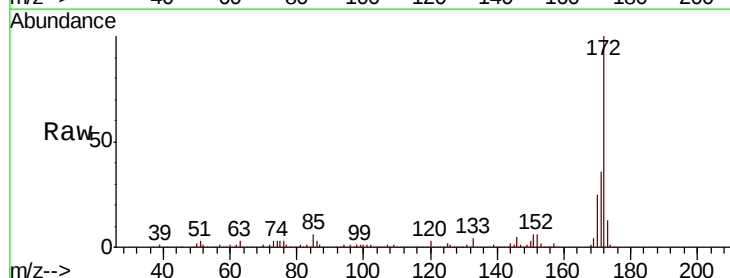


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

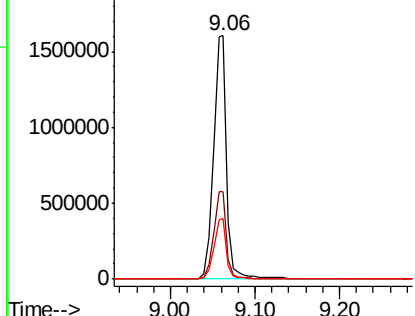
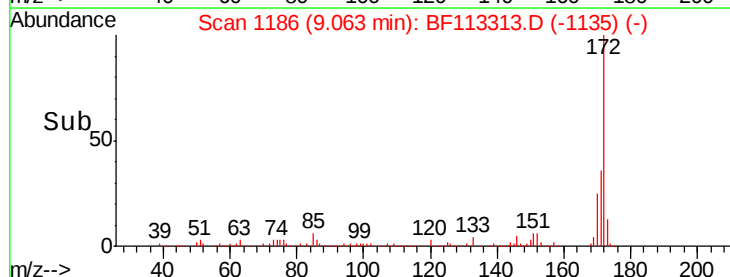


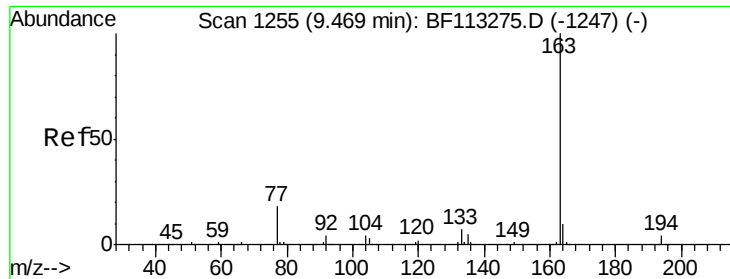
#45
 2-Fluorobiphenyl
 Concen: 94.821 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113313.D
 Acq: 27 Mar 2019 1:47

Tgt Ion:172 Resp: 1785270
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.8 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

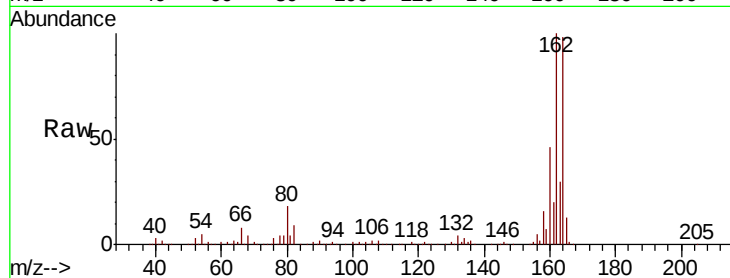




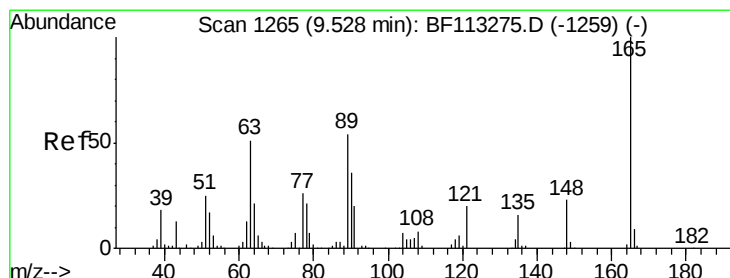
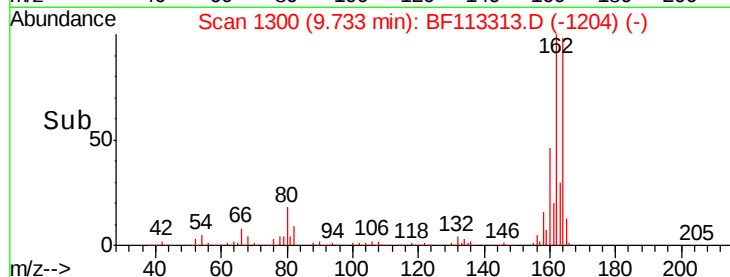
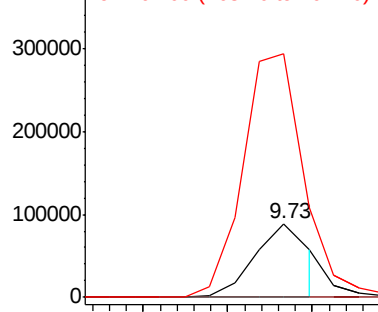
#50
Dimethylphthalate
Concen: 3.549 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.26 min
Lab File: BF113313.D
Acq: 27 Mar 2019 1:47

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Tgt Ion:163 Resp: 79328
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 329.7 8.1 12.1#

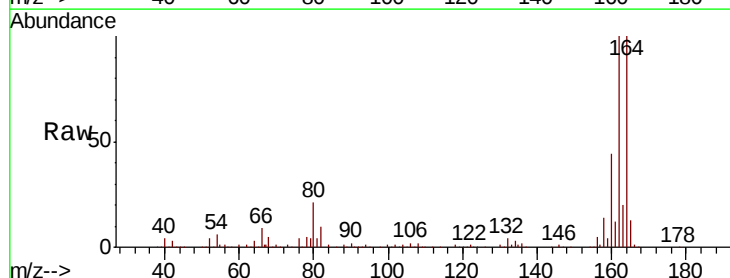


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

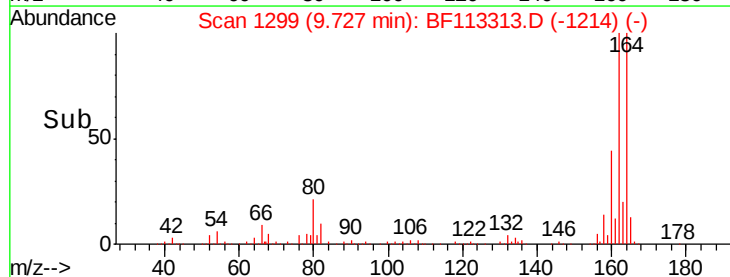
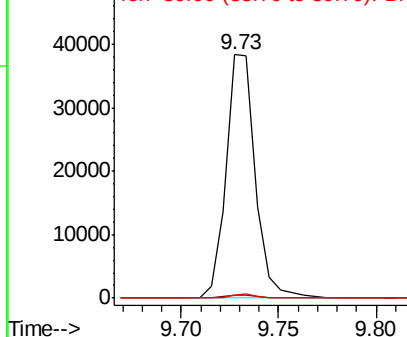


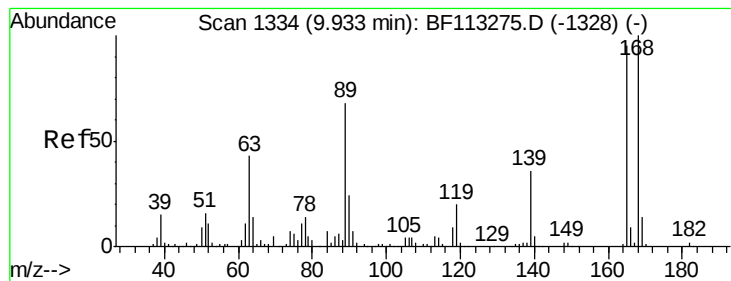
#51
2,6-Dinitrotoluene
Concen: 7.873 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.20 min
Lab File: BF113313.D
Acq: 27 Mar 2019 1:47

Tgt Ion:165 Resp: 39698
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





#57

2,4-Dinitrotoluene

Concen: 6.191 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.21 min

Lab File: BF113313.D

Acq: 27 Mar 2019 1:47

Instrument :

BNA_F

ClientSampleId :

OR-01-032519-A

Tgt Ion:165 Resp: 39698

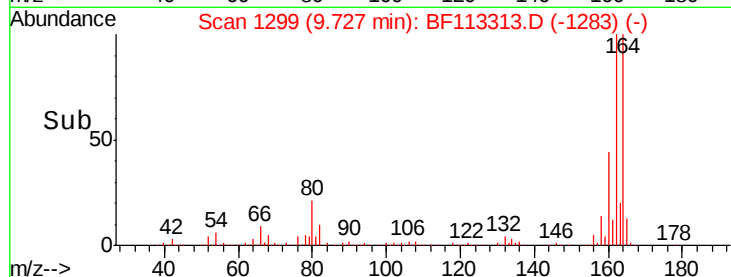
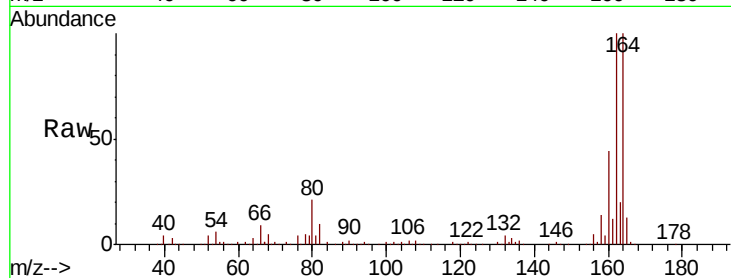
Ion Ratio Lower Upper

165 100

63 1.4 37.5 56.3#

89 1.1 57.4 86.2#

182 0.0 2.0 3.0#

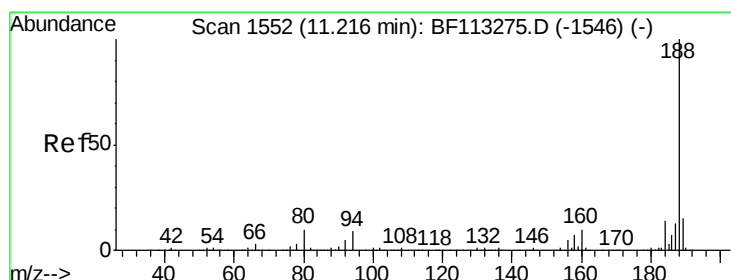
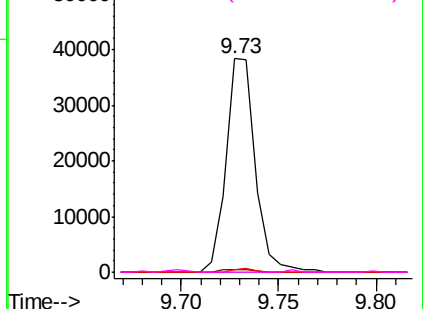


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113313.D

Acq: 27 Mar 2019 1:47

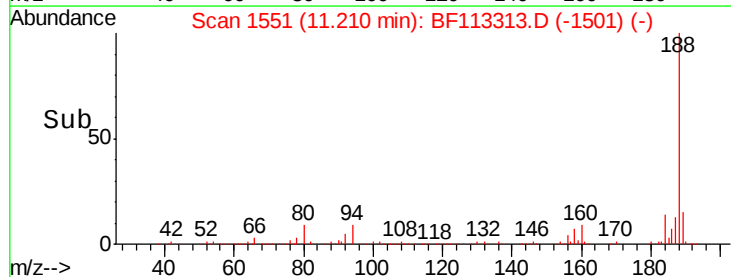
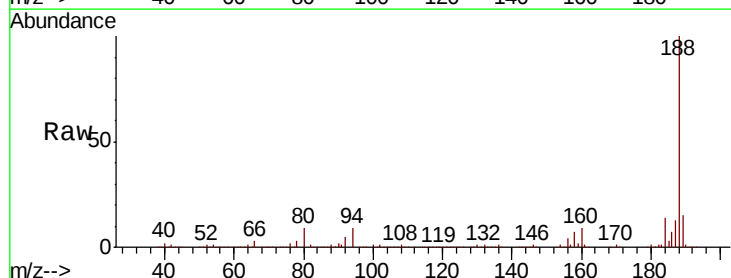
Tgt Ion:188 Resp: 573031

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

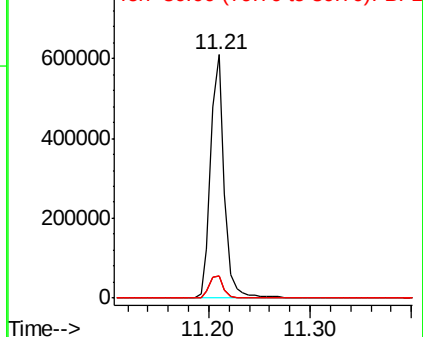
80 8.9 7.7 11.5

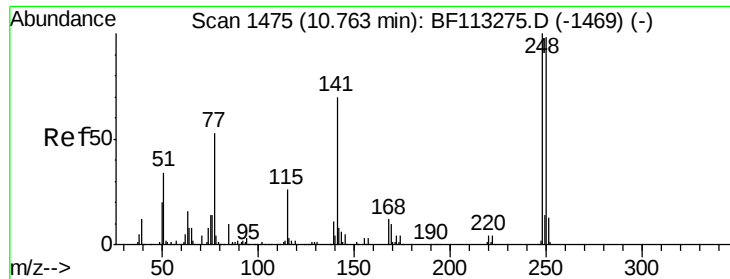


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

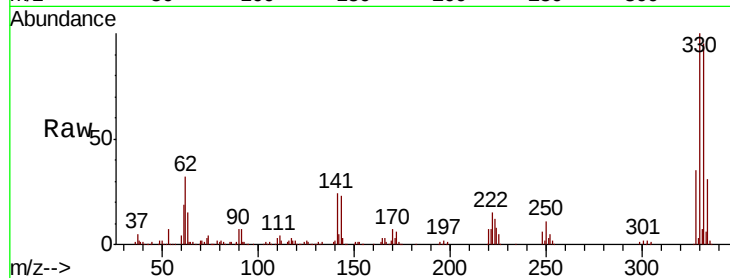




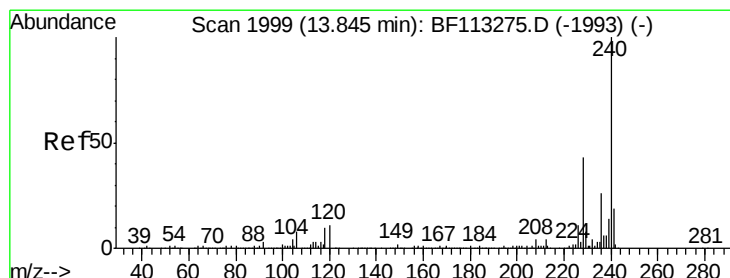
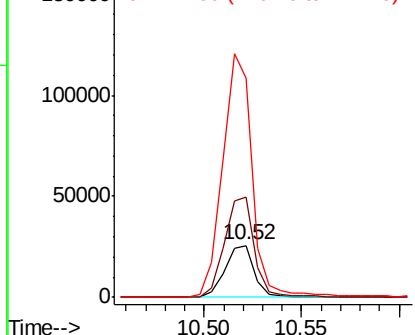
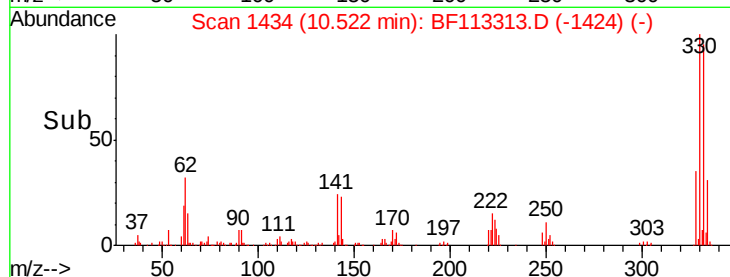
#67
 4-Bromophenyl-phenylether
 Concen: 4.279 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113313.D
 Acq: 27 Mar 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-032519-A

Tgt Ion:248 Resp: 26724
 Ion Ratio Lower Upper
 248 100
 250 193.5 78.3 117.5#
 141 422.6 56.2 84.4#

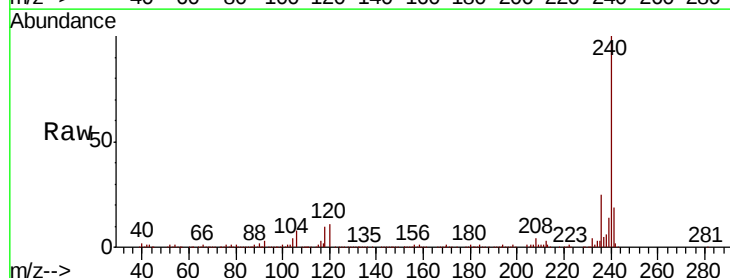


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

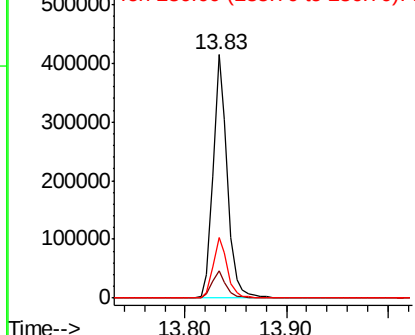
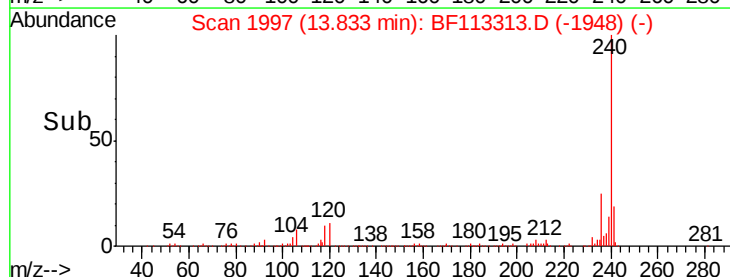


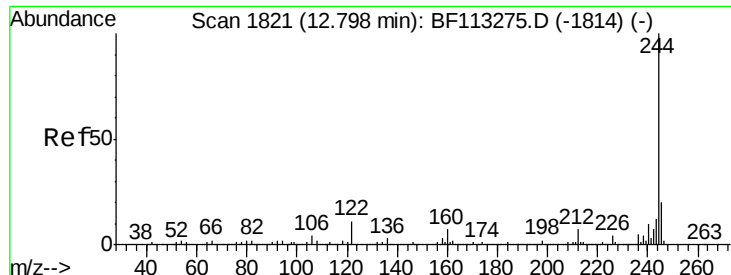
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113313.D
 Acq: 27 Mar 2019 1:47

Tgt Ion:240 Resp: 404770
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.8 13.2
 236 25.0 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

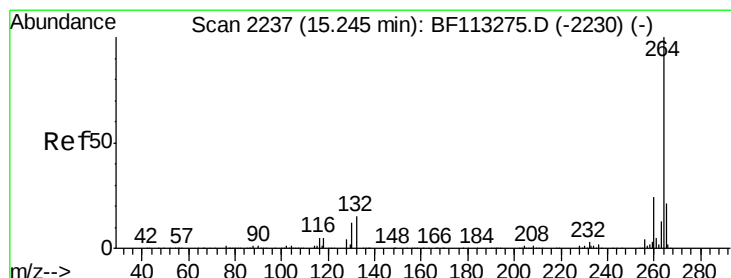
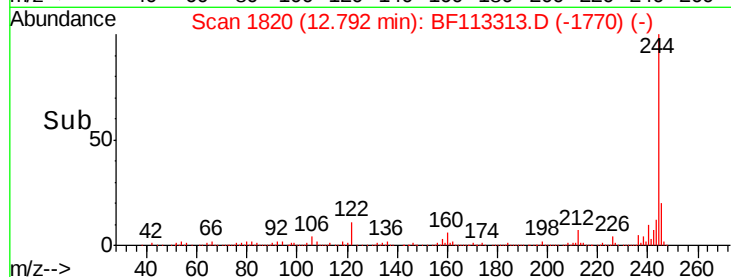
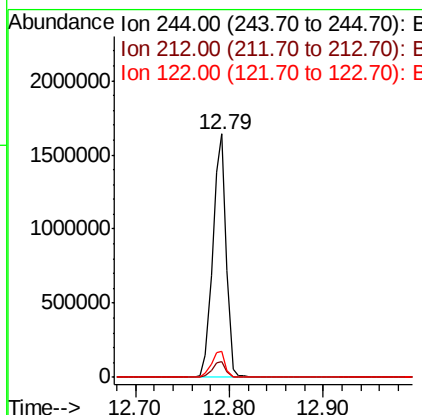
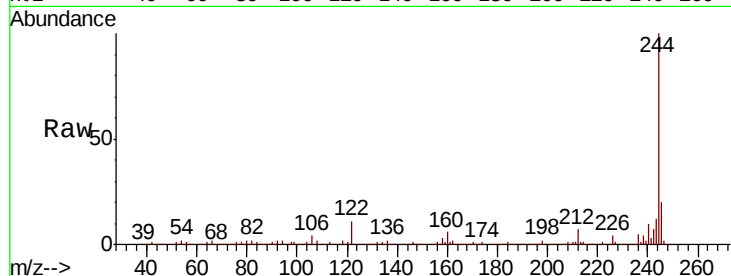




#79
 Terphenyl-d14
 Concen: 90.421 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113313.D
 Acq: 27 Mar 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-032519-A

Tgt Ion:244 Resp: 1660483
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 10.5 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF113313.D
 Acq: 27 Mar 2019 1:47

Tgt Ion:264 Resp: 454558
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.0 17.1 25.7

