

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113438.D
 Acq On : 30 Mar 2019 4:03
 Operator : JU/SJ
 Sample : K1685-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-032819-C

Quant Time: Mar 30 05:27:41 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

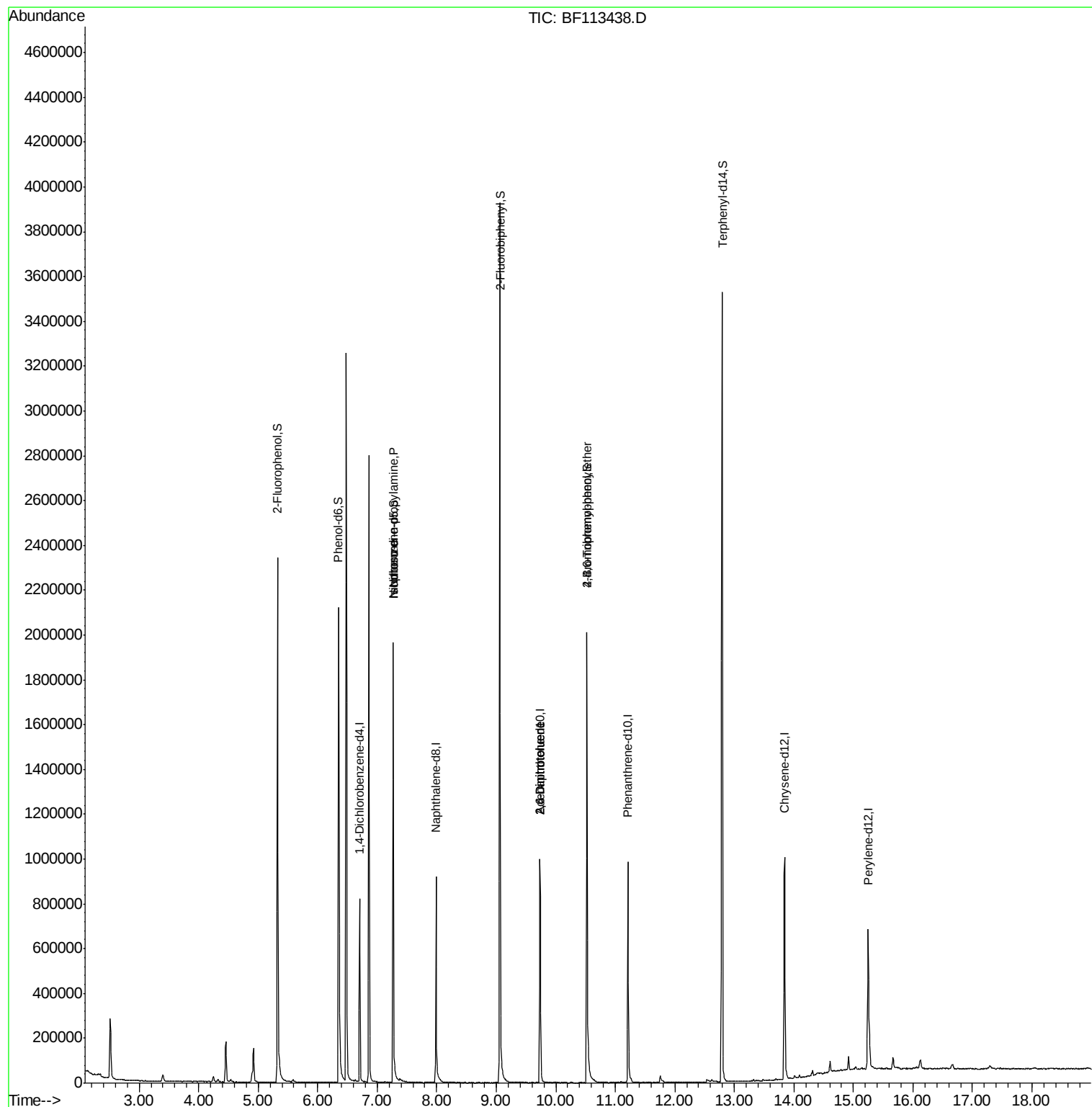
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	123184	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	463927	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	222987	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	436124	20.00	ng	0.00
76) Chrysene-d12	13.84	240	427318	20.00	ng	0.00
87) Perylene-d12	15.24	264	351635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	797725	105.89	ng	0.01
7) Phenol-d6	6.35	99	922739	96.82	ng	0.00
23) Nitrobenzene-d5	7.27	82	664949	85.07	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	350382	127.21	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1313669	94.26	ng	0.00
79) Terphenyl-d14	12.80	244	1427917	73.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	86420	14.436	ng	# 77
25) Isophorone	7.27	82	662399	43.730	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	28097	7.537	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	28097	5.926	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	18661	3.926	ng	# 1

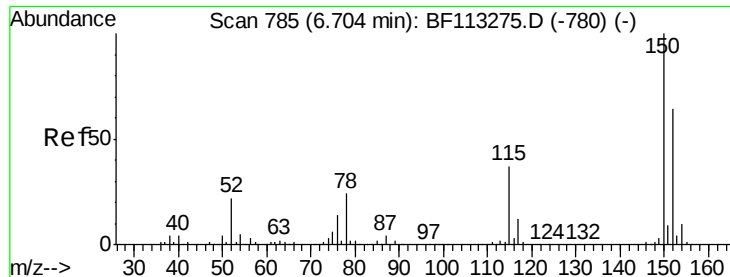
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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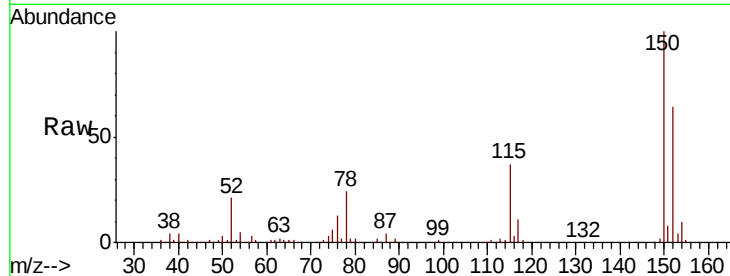


#1

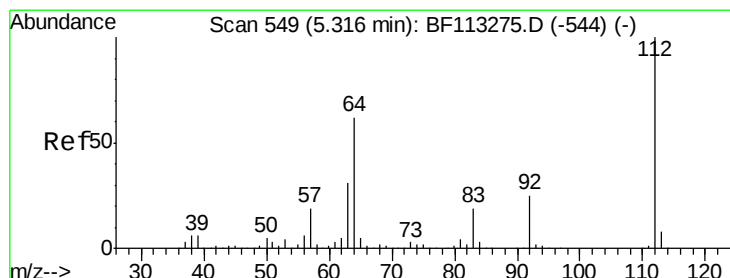
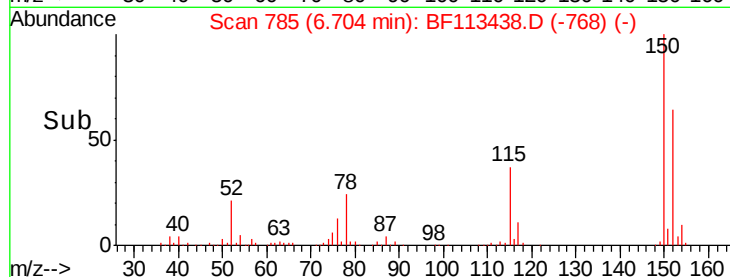
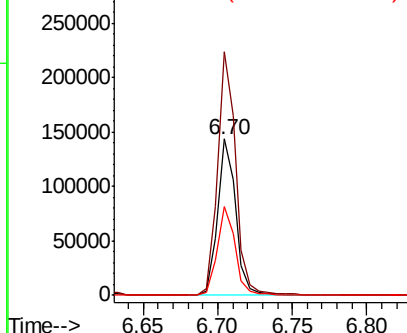
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113438.D
Acq: 30 Mar 2019 4:03

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion:152 Resp: 123184
Ion Ratio Lower Upper
152 100
150 155.8 124.7 187.1
115 57.0 46.0 69.0



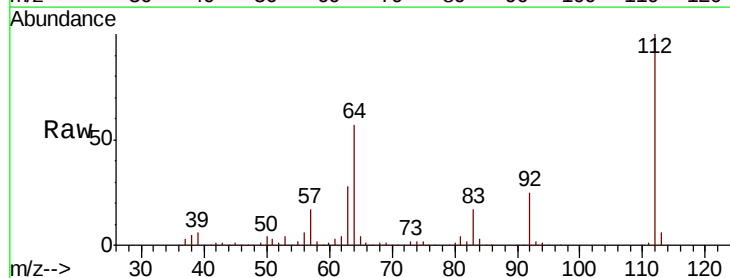
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



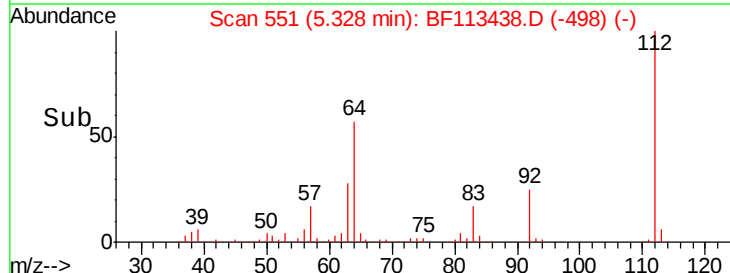
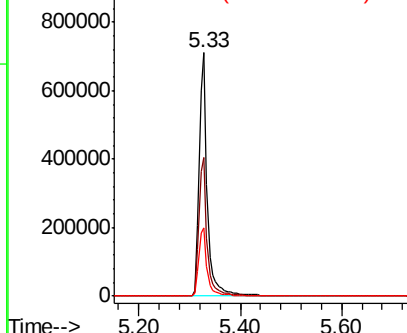
#5

2-Fluorophenol
Concen: 105.888 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113438.D
Acq: 30 Mar 2019 4:03

Tgt Ion:112 Resp: 797725
Ion Ratio Lower Upper
112 100
64 56.8 49.2 73.8
63 28.3 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: 96.820 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113438.D

Acq: 30 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-C

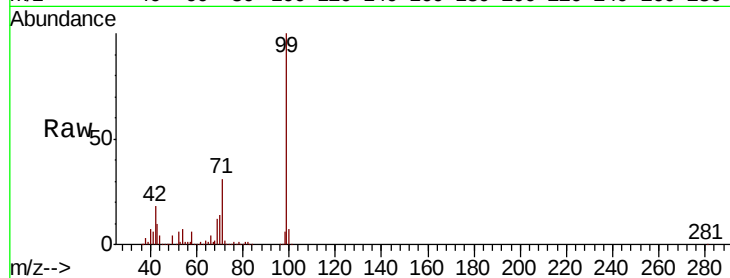
Tgt Ion: 99 Resp: 922739

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

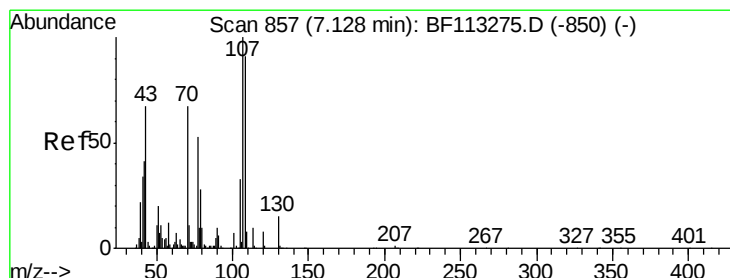
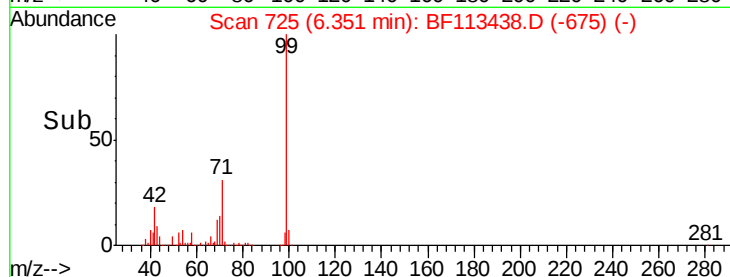
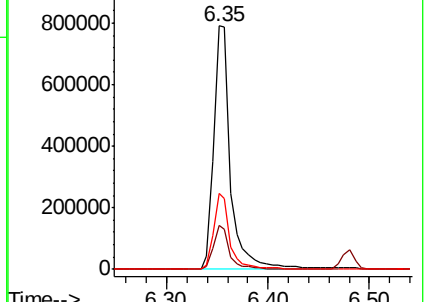
71 30.9 24.9 37.3



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: 14.436 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113438.D

Acq: 30 Mar 2019 4:03

Tgt Ion: 70 Resp: 86420

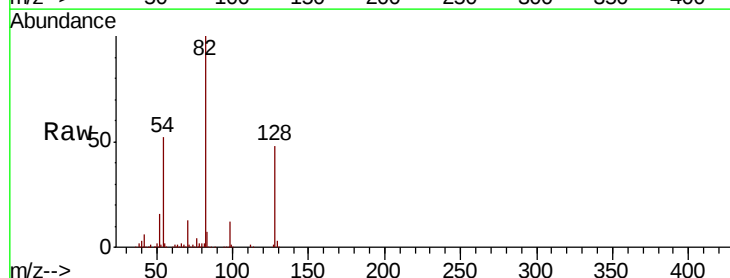
Ion Ratio Lower Upper

70 100

42 48.7 48.4 72.6

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

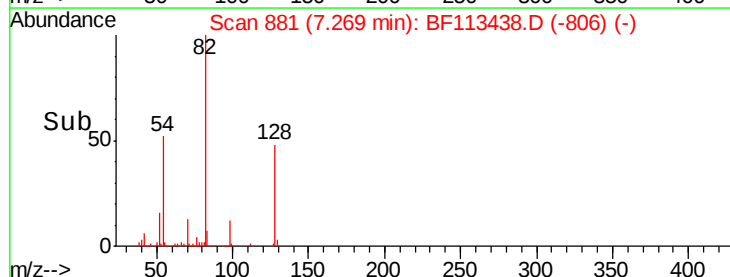
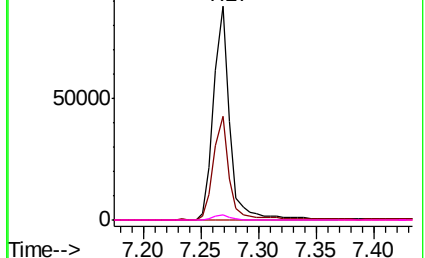


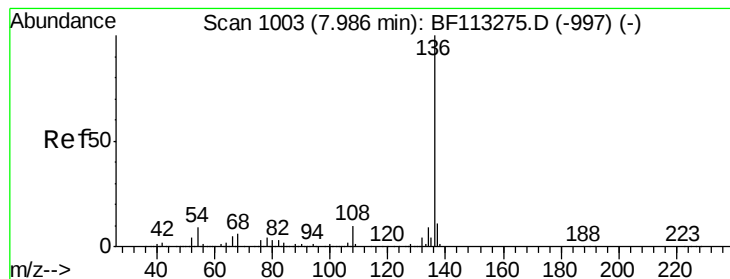
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF113438.D

Acq: 30 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-C

Tgt Ion: 136 Resp: 463927

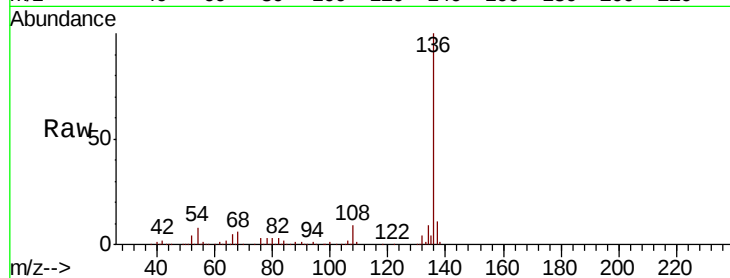
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 7.0 10.6

68 6.3 4.8 7.2

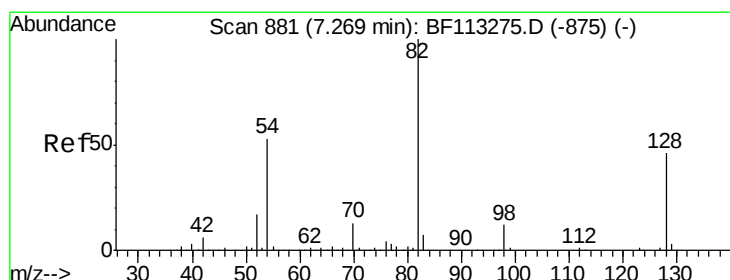
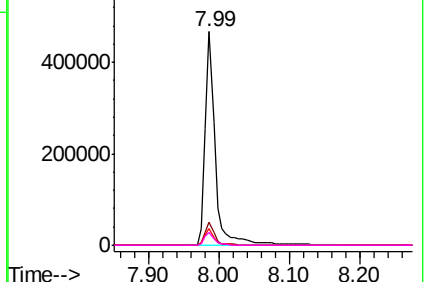
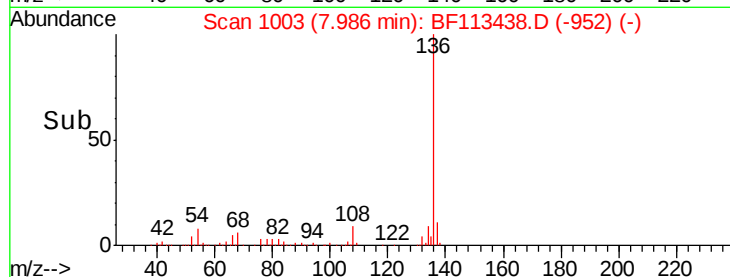


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.072 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113438.D

Acq: 30 Mar 2019 4:03

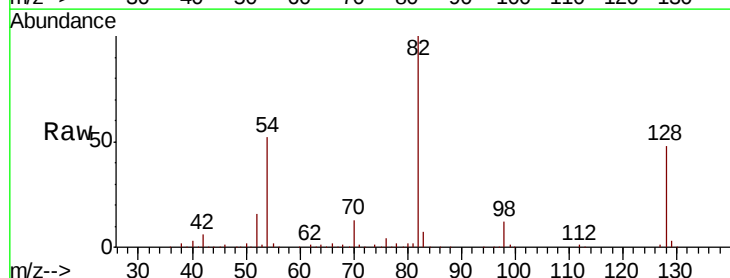
Tgt Ion: 82 Resp: 664949

Ion Ratio Lower Upper

82 100

128 48.2 36.5 54.7

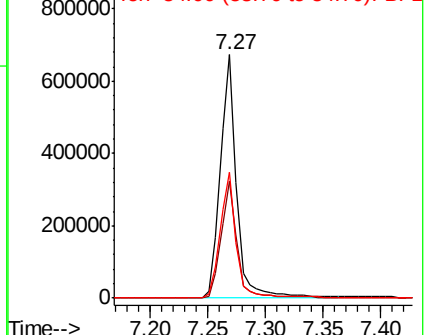
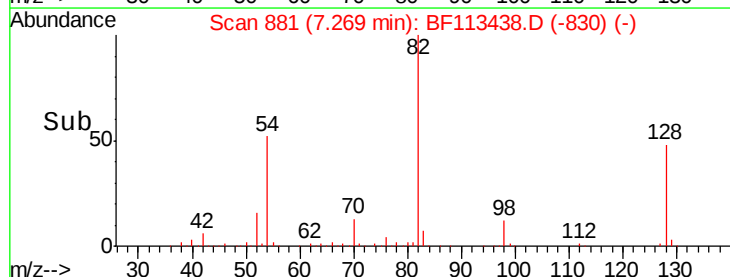
54 51.6 42.2 63.2

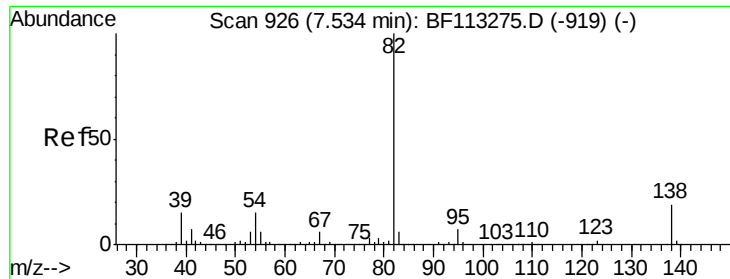


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.730 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113438.D

Acq: 30 Mar 2019 4:03

Instrument :

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ClientSampleId :

AU-06-032819-C

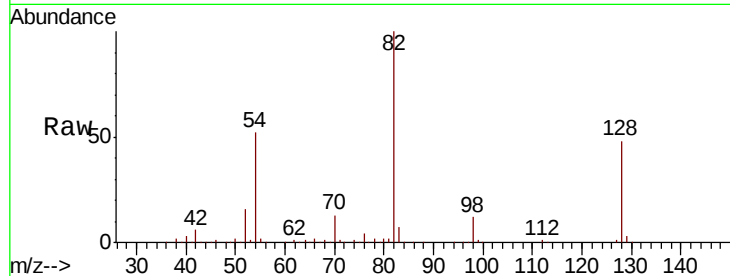
Tgt Ion: 82 Resp: 662399

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

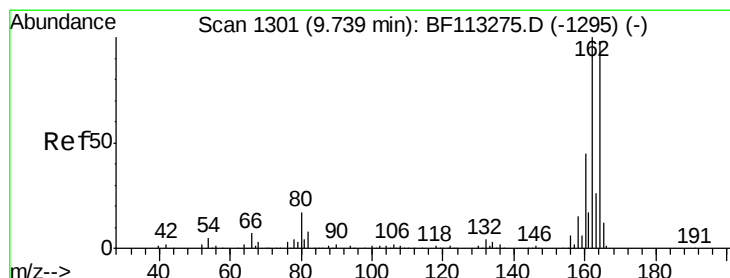
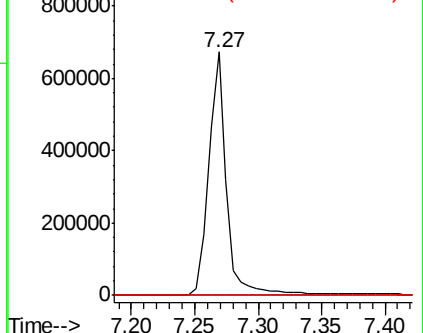
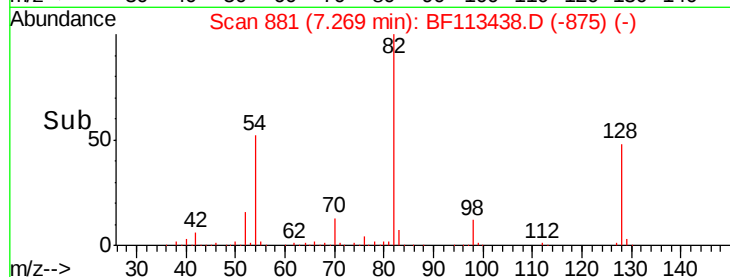
138 0.0 15.2 22.8#



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: BF113438.D

Acq: 30 Mar 2019 4:03

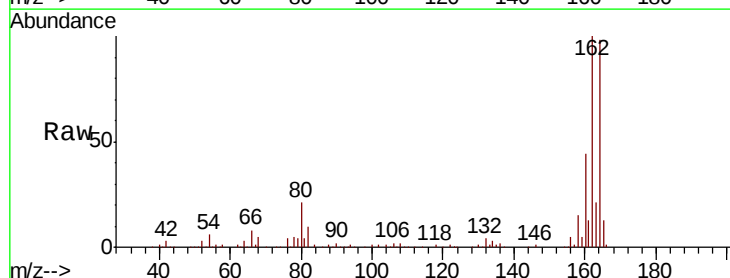
Tgt Ion: 164 Resp: 222987

Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.6

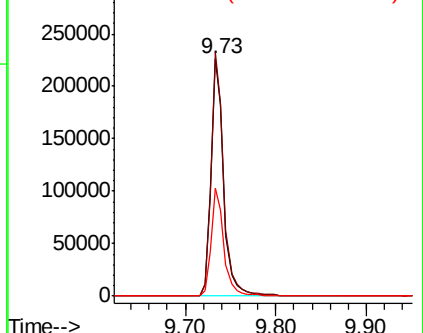
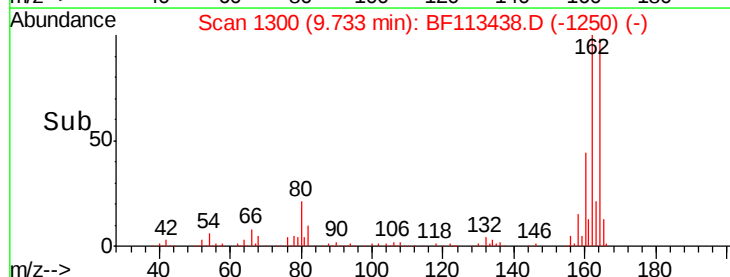
160 45.4 36.4 54.6

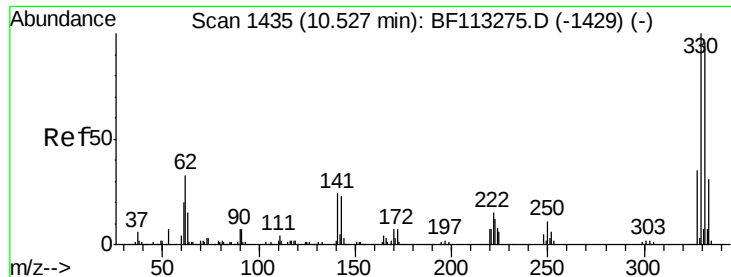


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

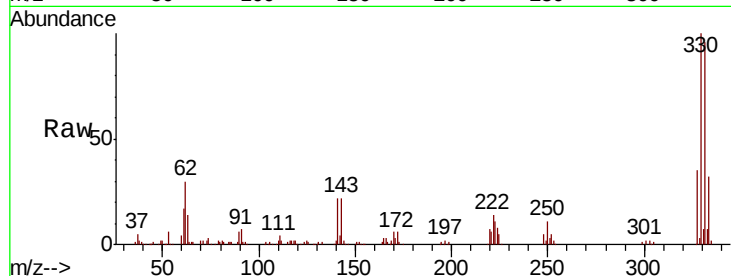




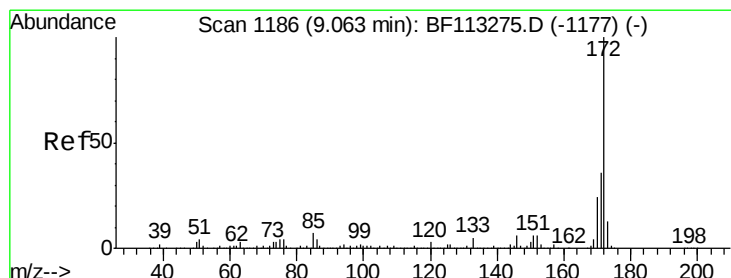
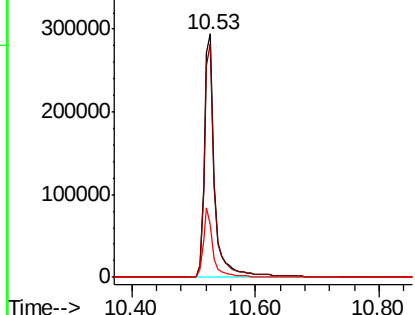
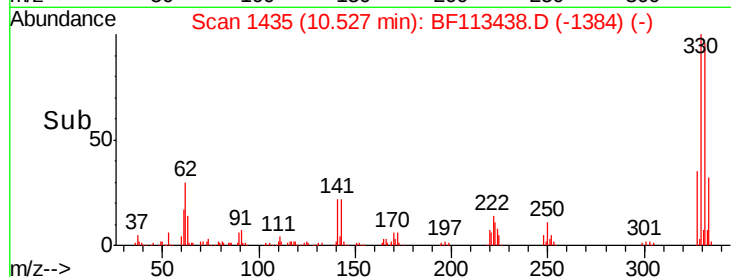
#42
 2,4,6-Tribromophenol
 Concen: 127.208 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113438.D
 Acq: 30 Mar 2019 4:03

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-032819-C

Tgt Ion: 330 Resp: 350382
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.8 116.6
 141 27.2 22.7 34.1

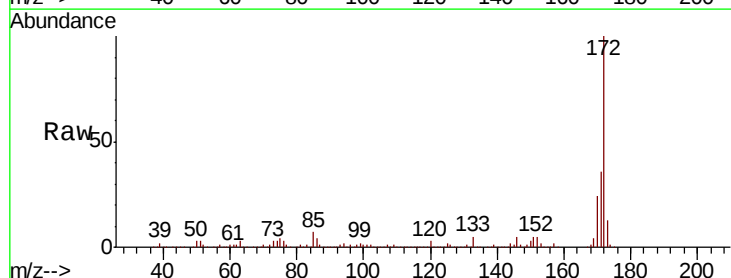


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

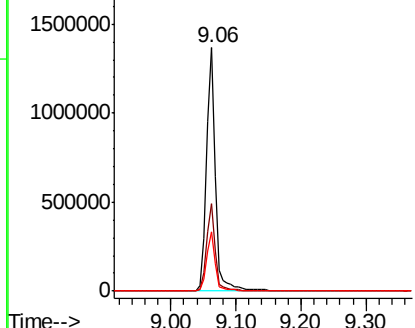
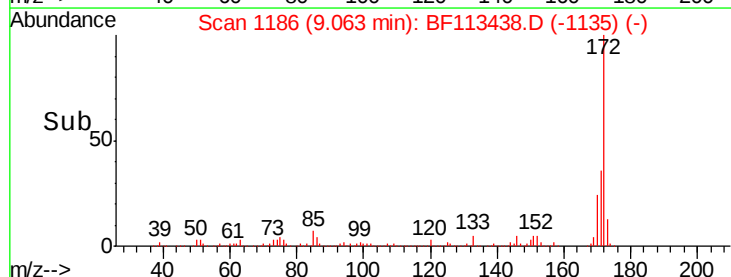


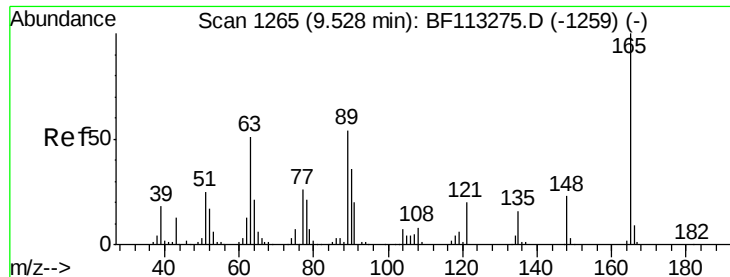
#45
 2-Fluorobiphenyl
 Concen: 94.258 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113438.D
 Acq: 30 Mar 2019 4:03

Tgt Ion: 172 Resp: 1313669
 Ion Ratio Lower Upper
 172 100
 171 36.1 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





#51

2,6-Dinitrotoluene

Concen: 7.537 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113438.D

Acq: 30 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

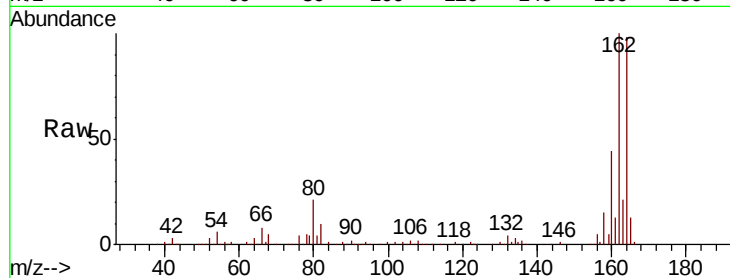
AU-06-032819-C

Tgt Ion:165 Resp: 28097
Ion Ratio Lower Upper

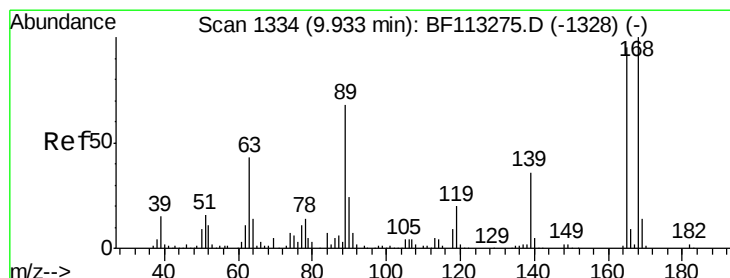
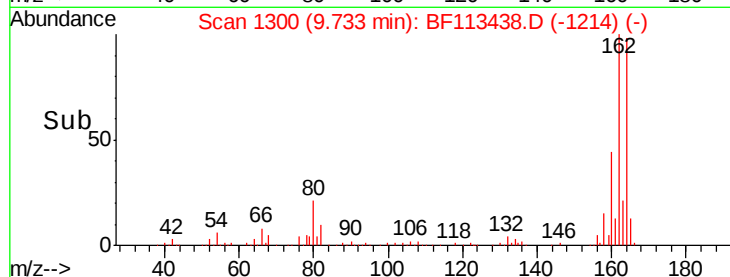
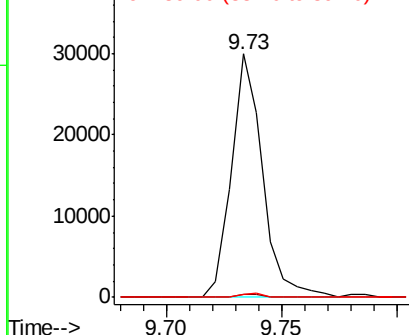
165 100

63 1.0 43.4 65.0#

89 1.3 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: 5.926 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF113438.D

Acq: 30 Mar 2019 4:03

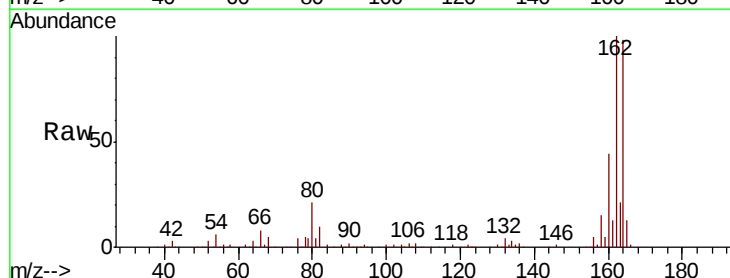
Tgt Ion:165 Resp: 28097
Ion Ratio Lower Upper

165 100

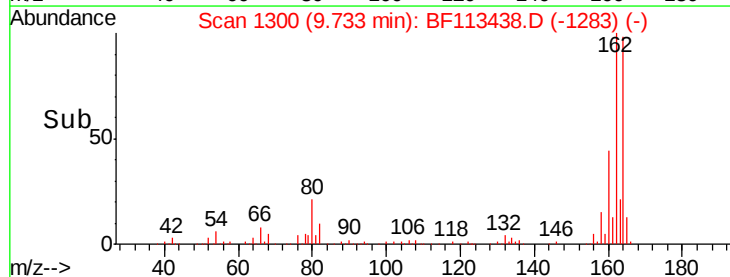
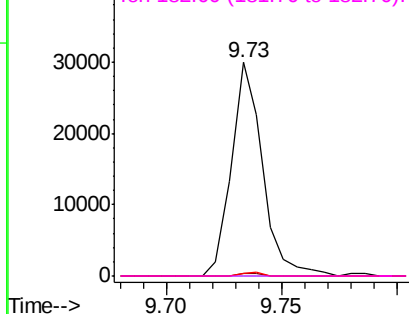
63 1.0 37.5 56.3#

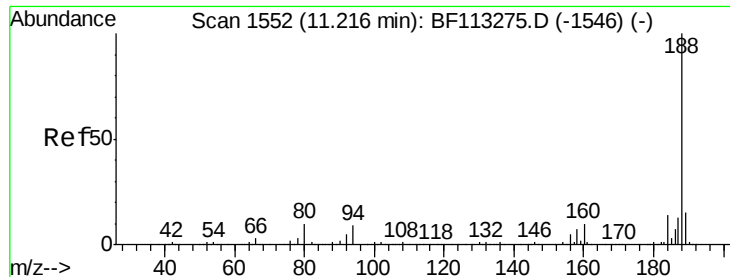
89 1.3 57.4 86.2#

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

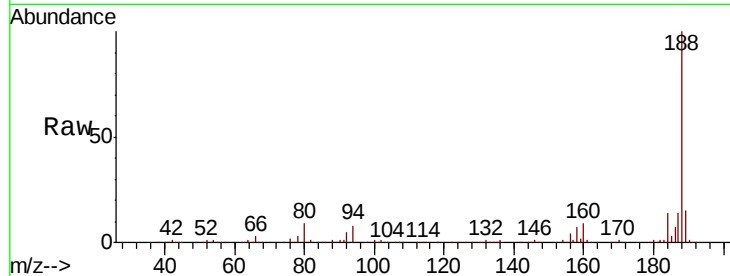




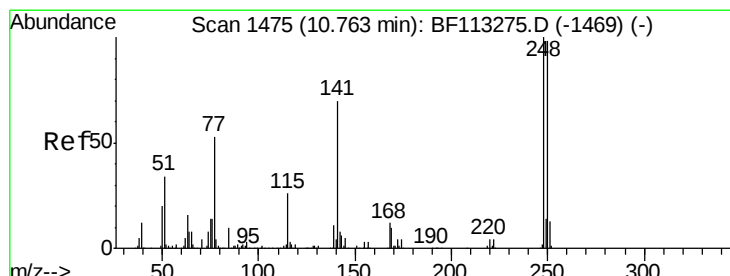
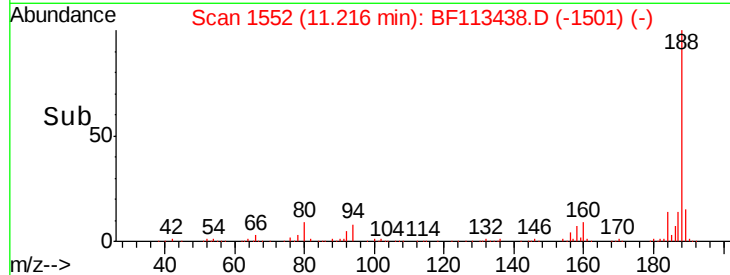
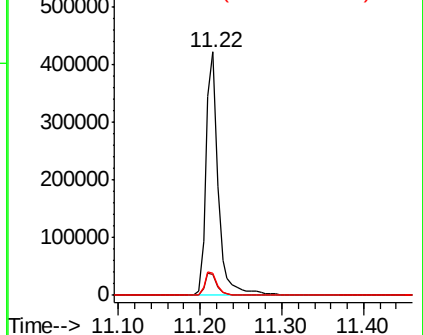
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113438.D
Acq: 30 Mar 2019 4:03

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion:188 Resp: 436124
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 8.9 7.7 11.5

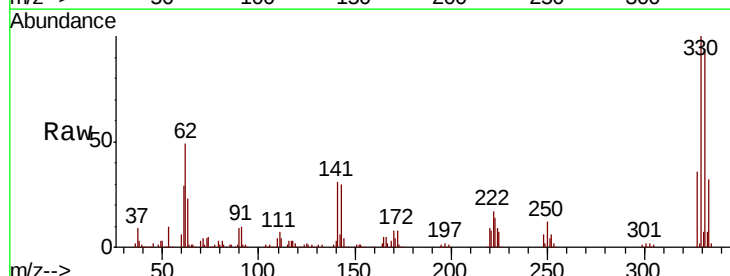


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

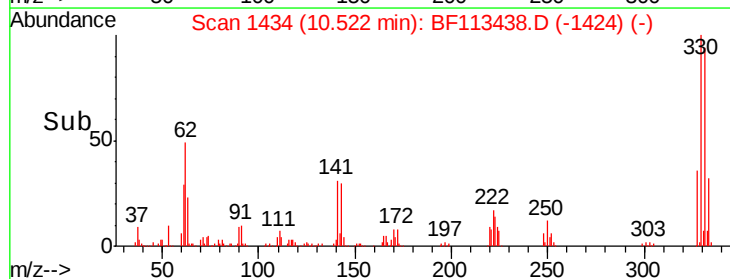
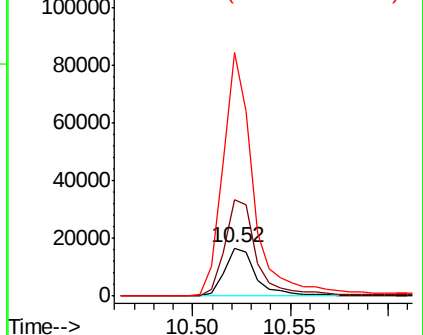


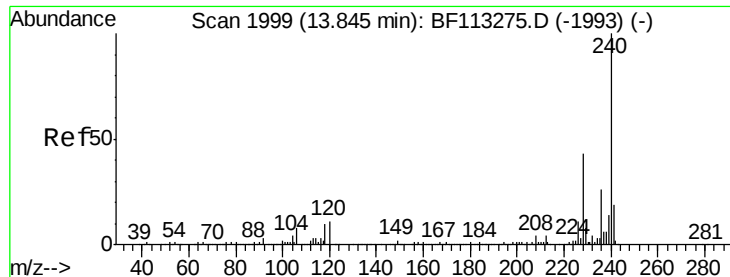
#67
4-Bromophenyl-phenylether
Concen: 3.926 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113438.D
Acq: 30 Mar 2019 4:03

Tgt Ion:248 Resp: 18661
Ion Ratio Lower Upper
248 100
250 201.6 78.3 117.5#
141 505.9 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

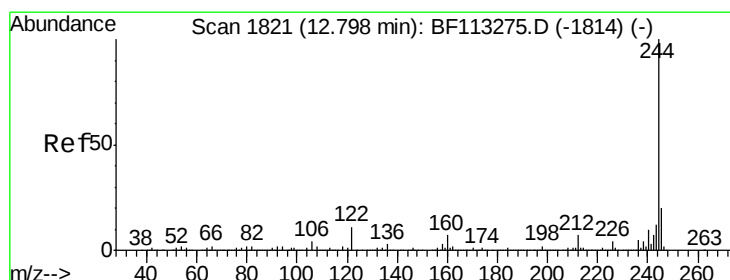
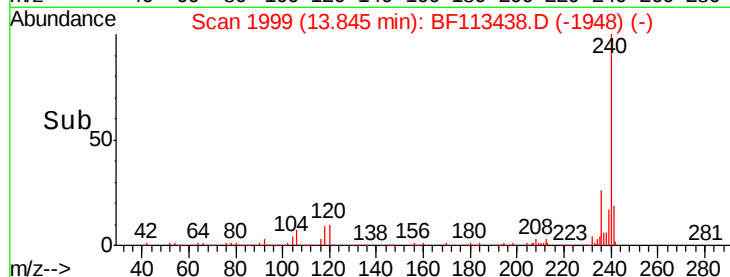
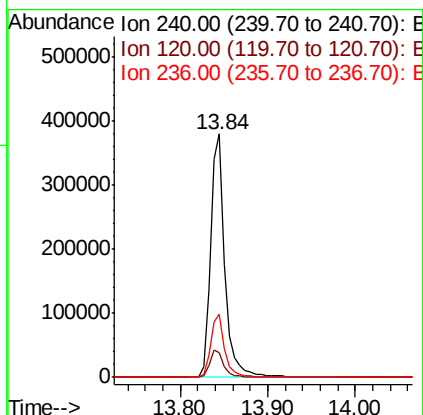
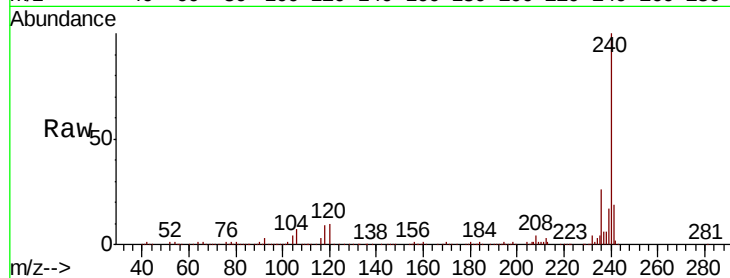




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF113438.D
Acq: 30 Mar 2019 4:03

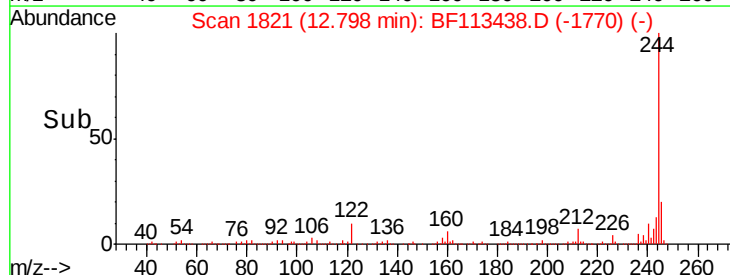
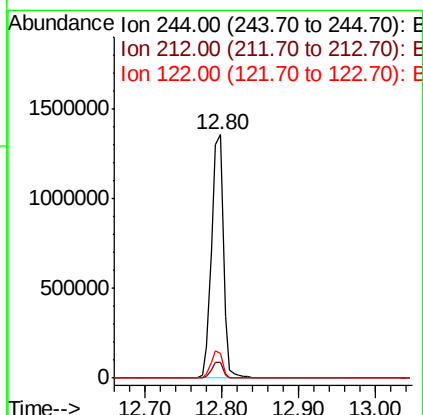
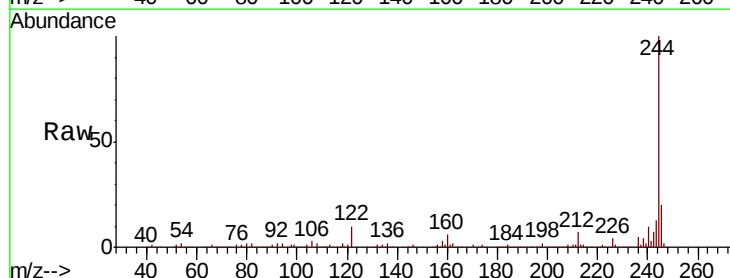
Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

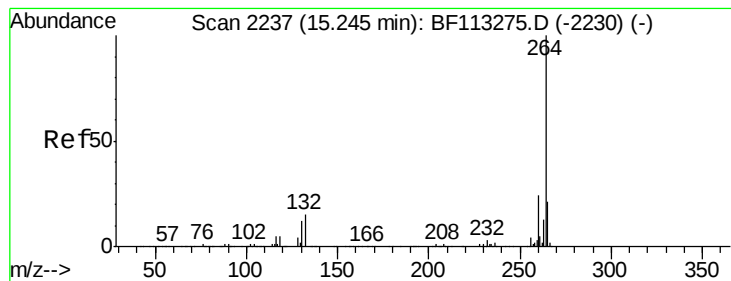
Tgt Ion:240 Resp: 427318
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 73.654 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF113438.D
Acq: 30 Mar 2019 4:03

Tgt Ion:244 Resp: 1427917
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 10.1 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: BF113438.D

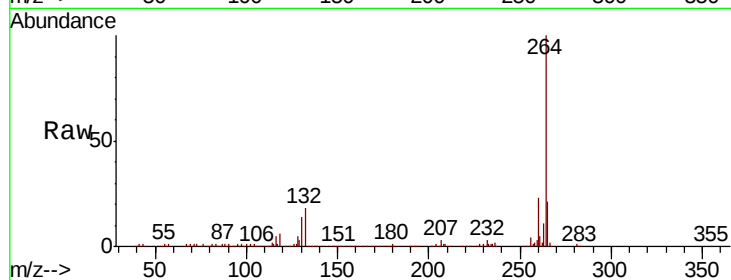
Acq: 30 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-C



Tgt Ion: 264 Resp: 351635

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.2 17.1 25.7

