

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113354.D
 Acq On : 28 Mar 2019 3:35
 Operator : JU/SJ
 Sample : K2086-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-14

Quant Time: Mar 28 04:33:32 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

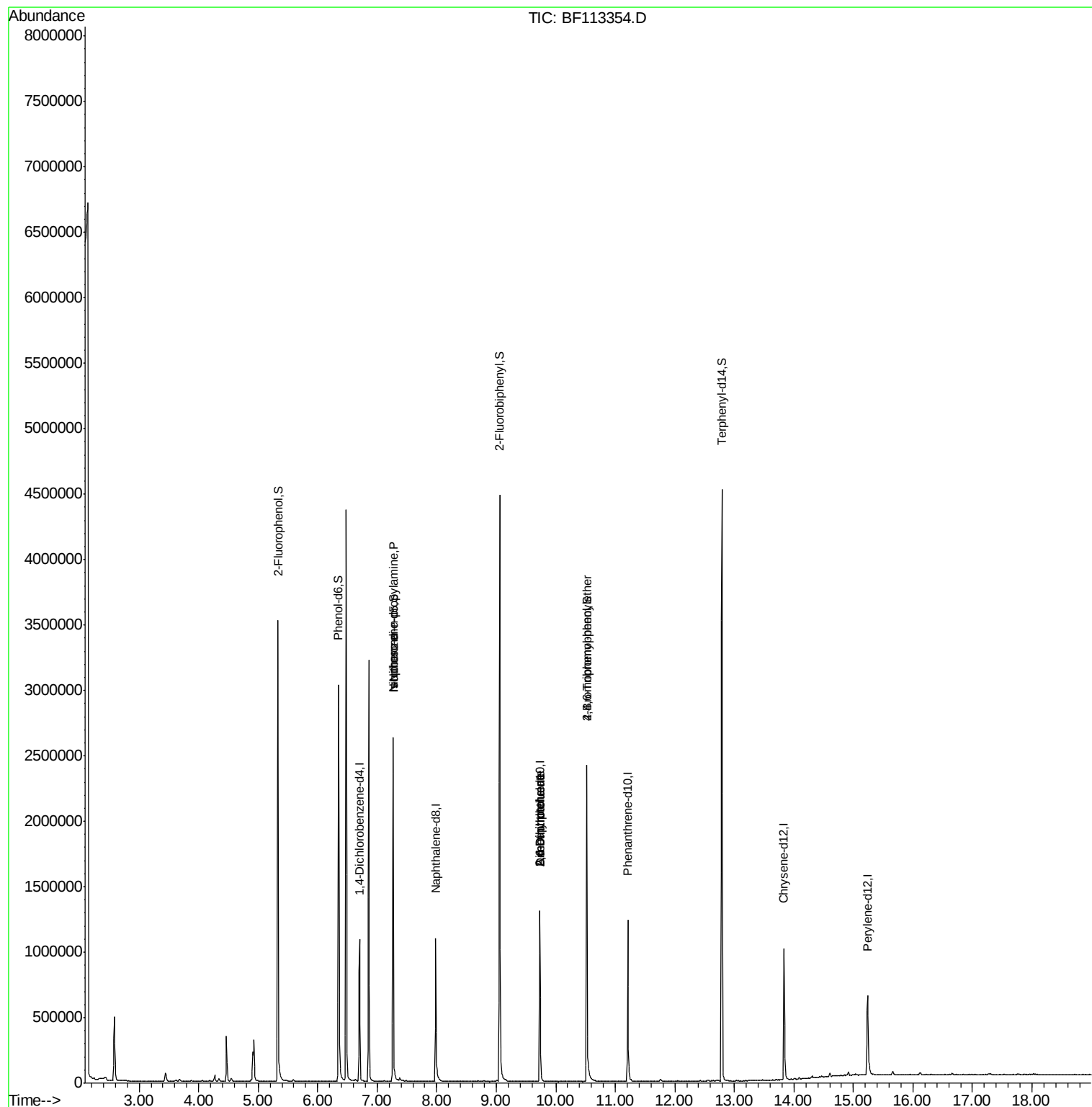
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	166967	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	622112	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	284936	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	512721	20.00	ng	0.00
76) Chrysene-d12	13.83	240	425003	20.00	ng	-0.01
87) Perylene-d12	15.24	264	333372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1122092	109.89	ng	0.02
7) Phenol-d6	6.35	99	1293468	100.13	ng	0.00
23) Nitrobenzene-d5	7.27	82	972207	92.76	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	415073	117.93	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1701435	95.84	ng	0.00
79) Terphenyl-d14	12.79	244	1700595	88.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	127555	15.720	ng	# 74
25) Isophorone	7.27	82	972194	47.862	ng	# 64
50) Dimethylphthalate	9.73	163	69105	3.273	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	36064	7.571	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	36064	5.953	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	23683	4.238	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: BF113354.D

Acq: 28 Mar 2019 3:35

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ClientSampleId :

CS-14

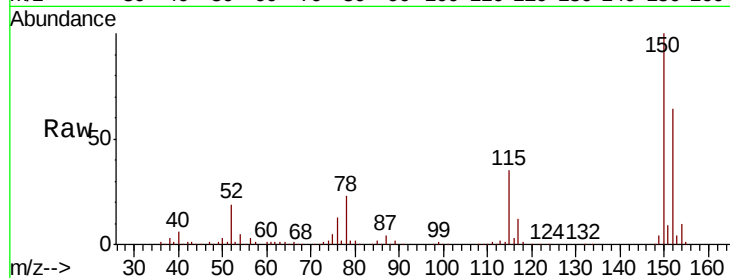
Tgt Ion:152 Resp: 166967

Ion Ratio Lower Upper

152 100

150 156.8 124.7 187.1

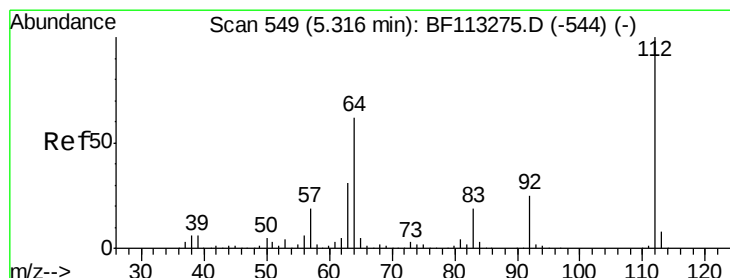
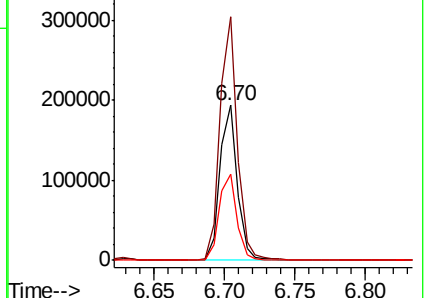
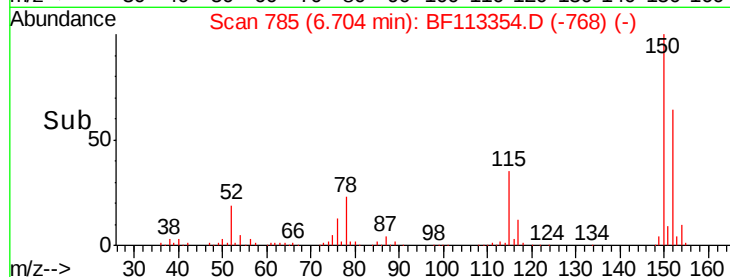
115 55.2 46.0 69.0



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: 109.887 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF113354.D

Acq: 28 Mar 2019 3:35

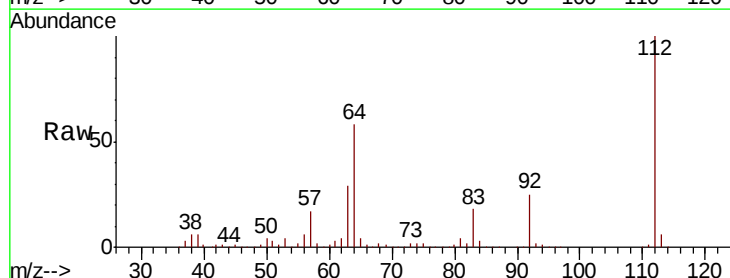
Tgt Ion:112 Resp: 1122092

Ion Ratio Lower Upper

112 100

64 57.9 49.2 73.8

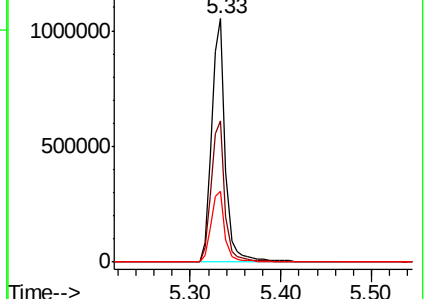
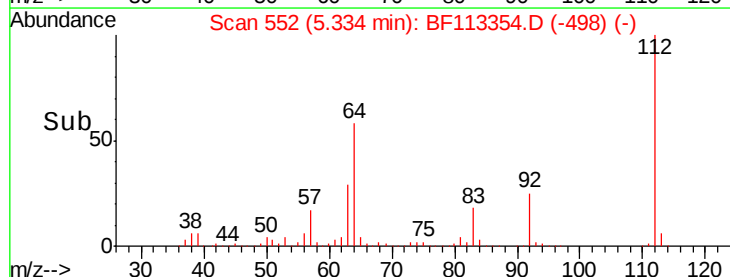
63 29.1 24.9 37.3

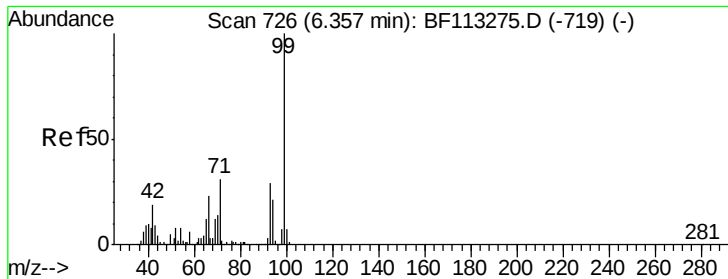


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.130 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113354.D

Acq: 28 Mar 2019 3:35

Instrument :

BNA_G

ClientSampled :

CS-14

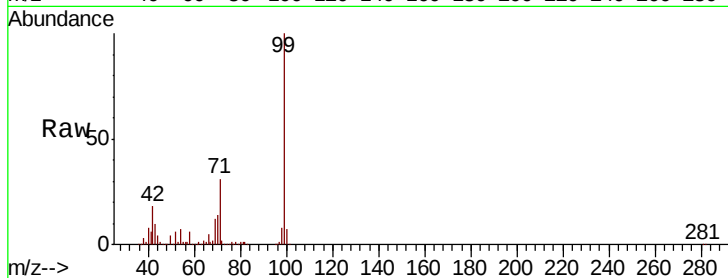
Tgt Ion: 99 Resp: 1293468

Ion Ratio Lower Upper

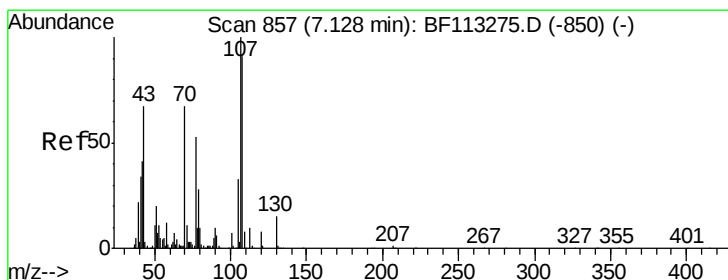
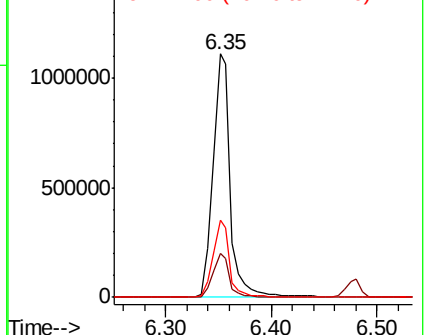
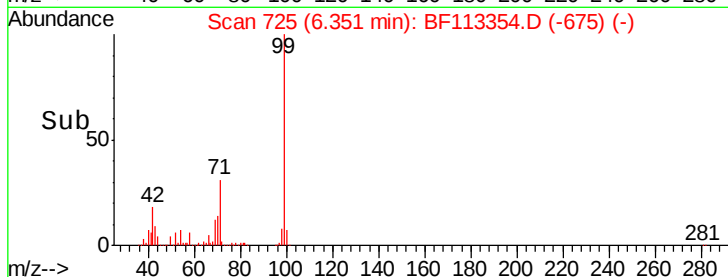
99 100

42 18.2 14.8 22.2

71 31.5 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: 15.720 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113354.D

Acq: 28 Mar 2019 3:35

Tgt Ion: 70 Resp: 127555

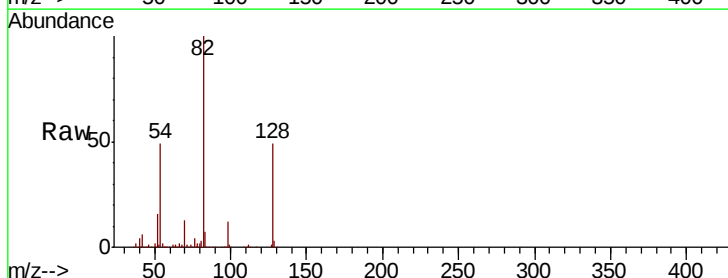
Ion Ratio Lower Upper

70 100

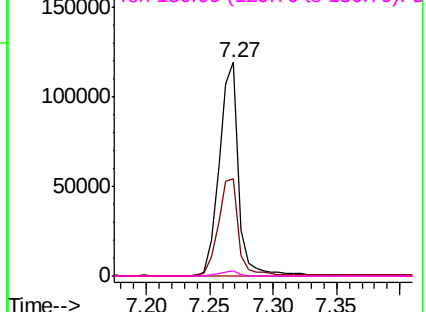
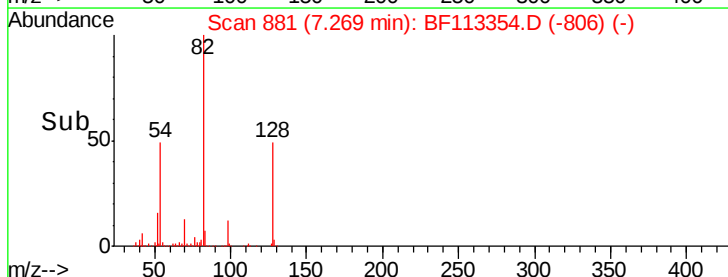
42 45.8 48.4 72.6#

101 0.0 7.8 11.8#

130 2.5 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: BF113354.D

Acq: 28 Mar 2019 3:35

Instrument :

BNA_G

ClientSampleId :

CS-14

Tgt Ion:136 Resp: 622112

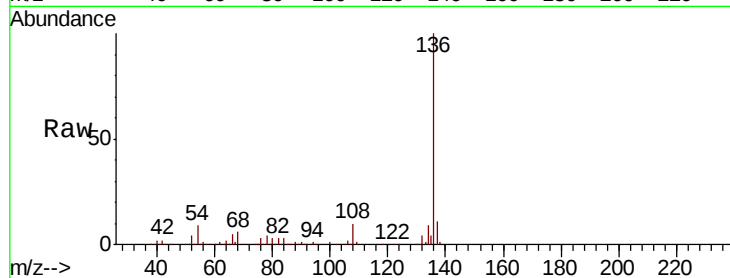
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.7 7.0 10.6

68 6.4 4.8 7.2

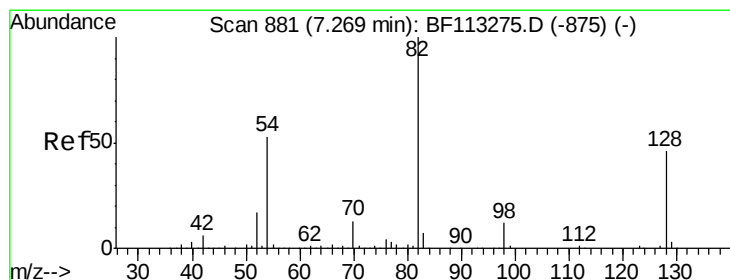
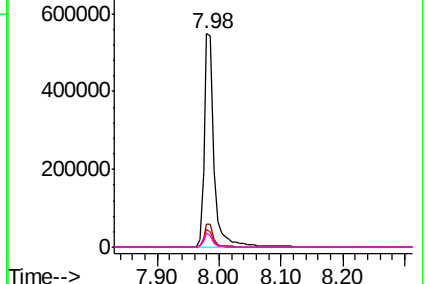
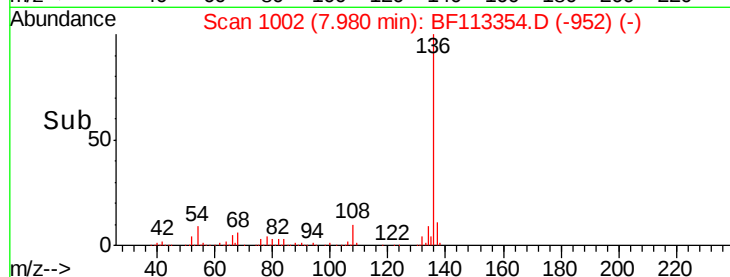


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.756 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113354.D

Acq: 28 Mar 2019 3:35

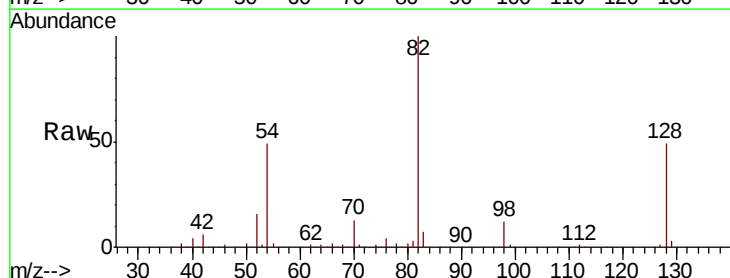
Tgt Ion: 82 Resp: 972207

Ion Ratio Lower Upper

82 100

128 48.7 36.5 54.7

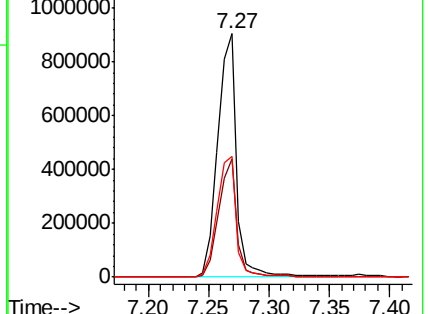
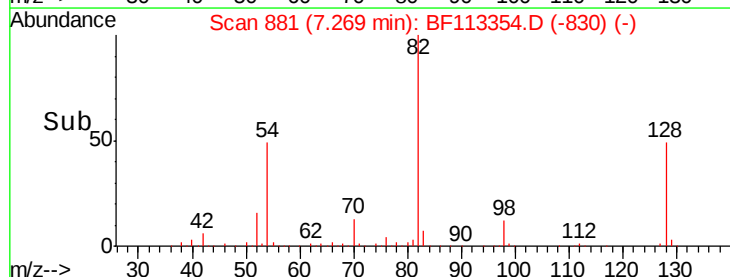
54 49.5 42.2 63.2

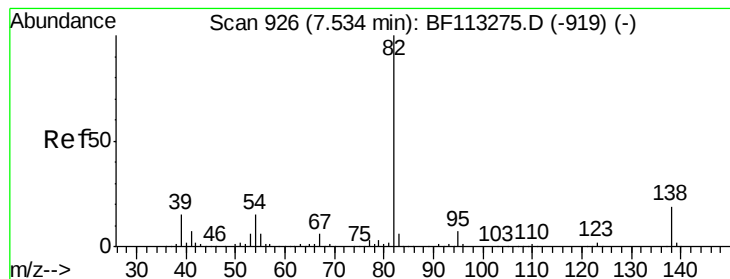


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.862 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113354.D

Acq: 28 Mar 2019 3:35

Instrument :

BNA_G

ClientSampleId :

CS-14

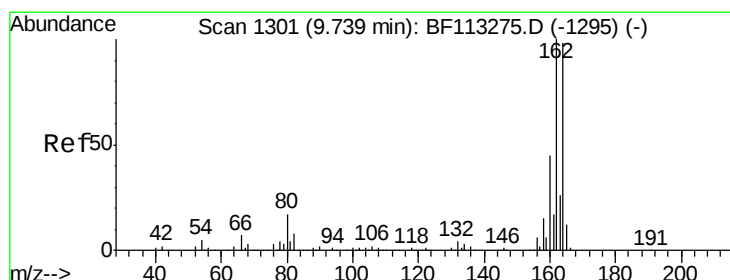
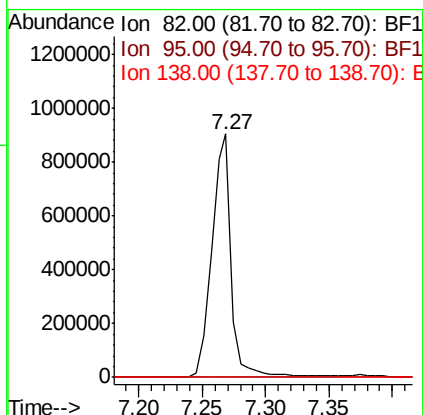
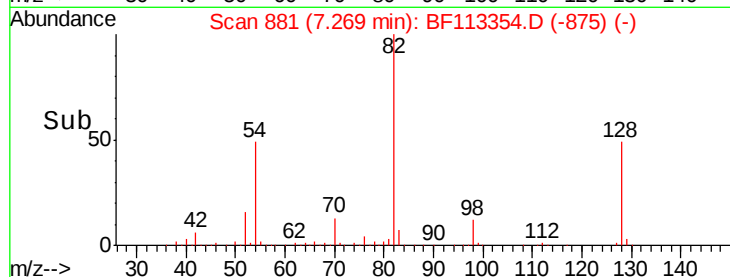
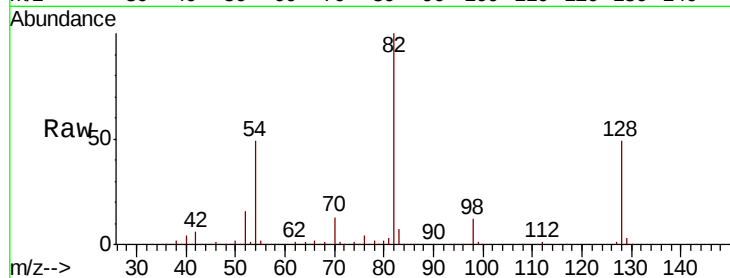
Tgt Ion: 82 Resp: 972194

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113354.D

Acq: 28 Mar 2019 3:35

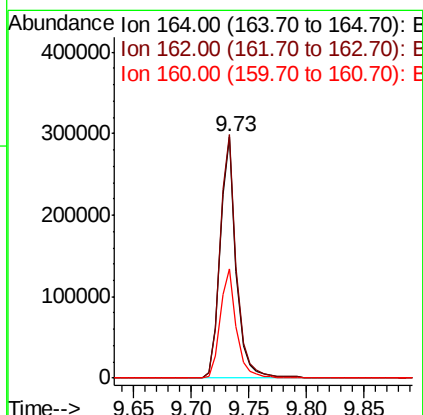
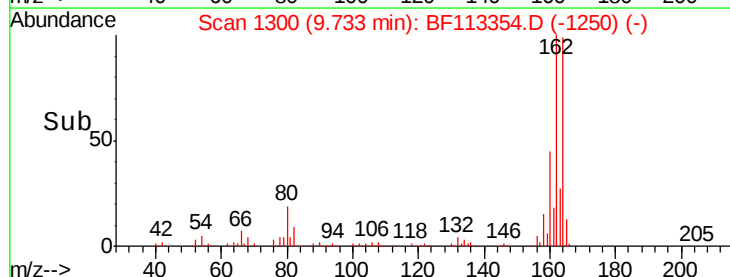
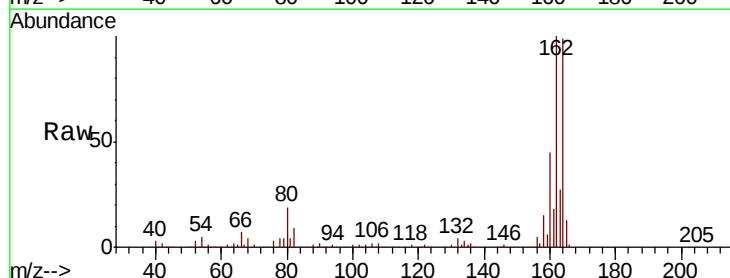
Tgt Ion: 164 Resp: 284936

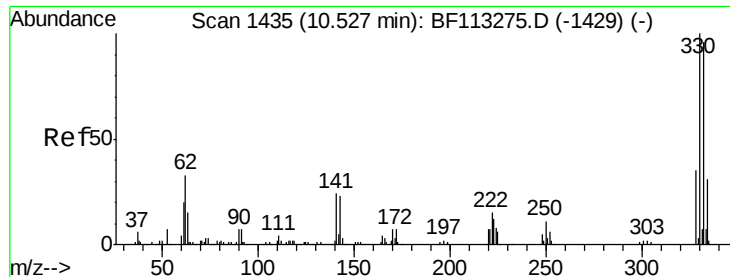
Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.6

160 45.5 36.4 54.6

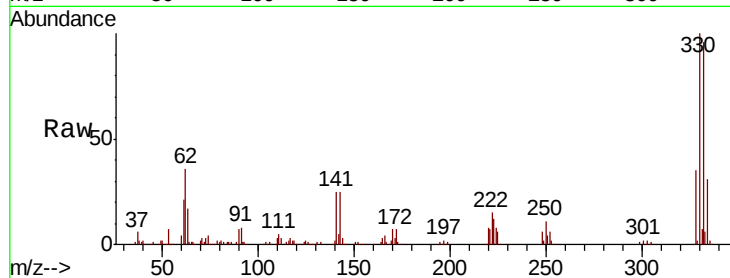




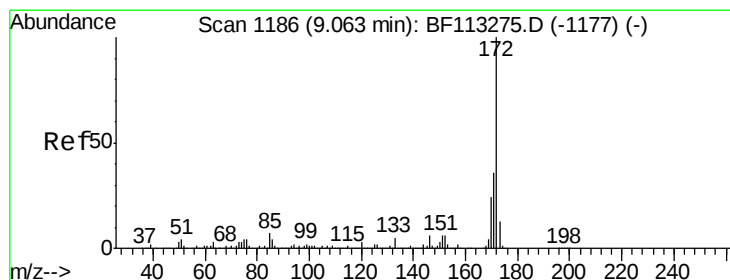
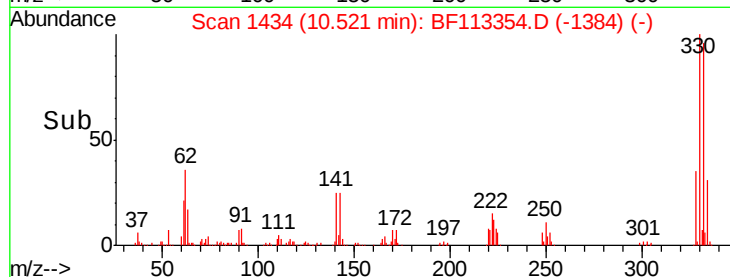
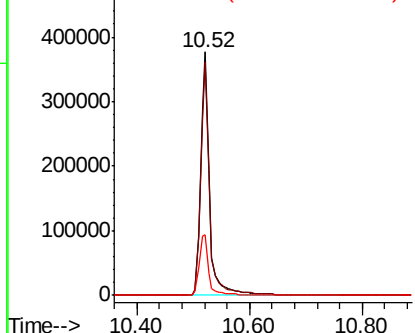
#42
 2,4,6-Tribromophenol
 Concen: 117.932 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Instrument :
 BNA_G
 ClientSampleId :
 CS-14

Tgt Ion:330 Resp: 415073
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.8 116.6
 141 26.9 22.7 34.1

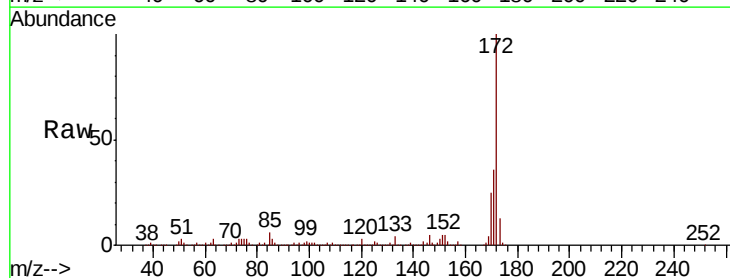


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

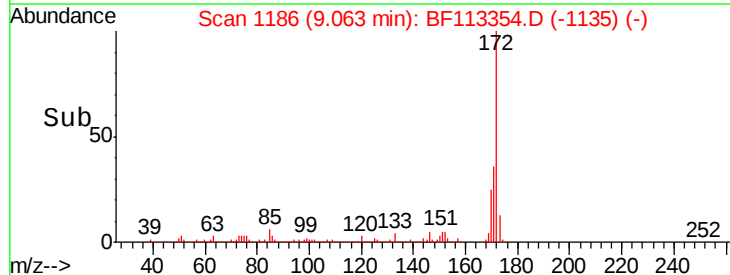
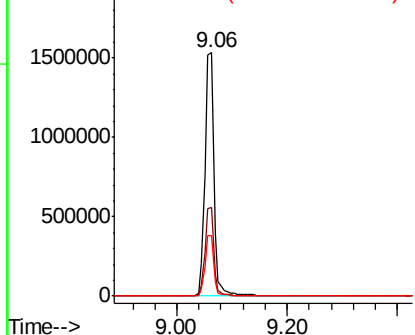


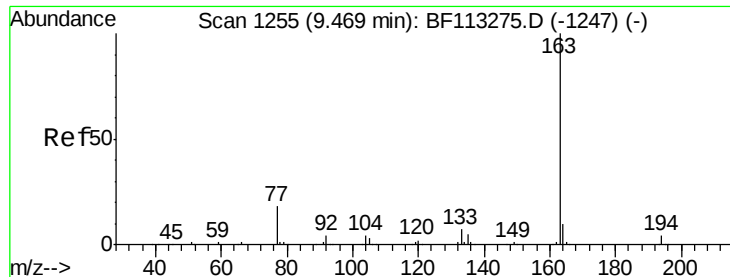
#45
 2-Fluorobiphenyl
 Concen: 95.841 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Tgt Ion:172 Resp: 1701435
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.9 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

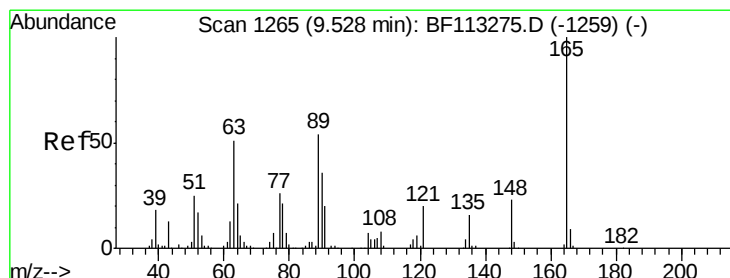
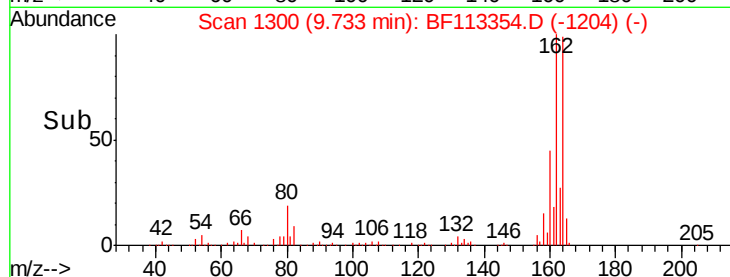
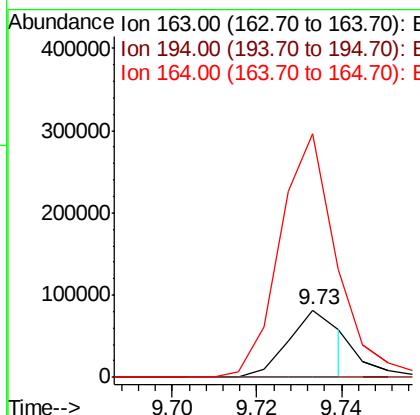
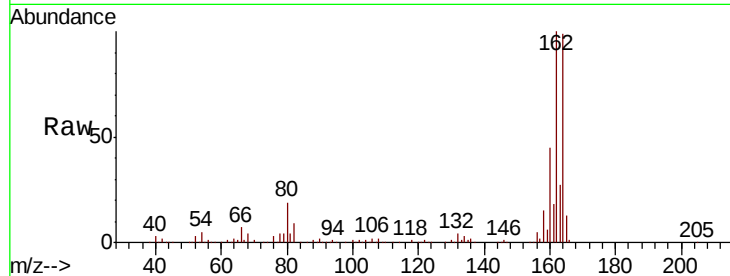




#50
Dimethylphthalate
Concen: 3.273 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.26 min
Lab File: BF113354.D
Acq: 28 Mar 2019 3:35

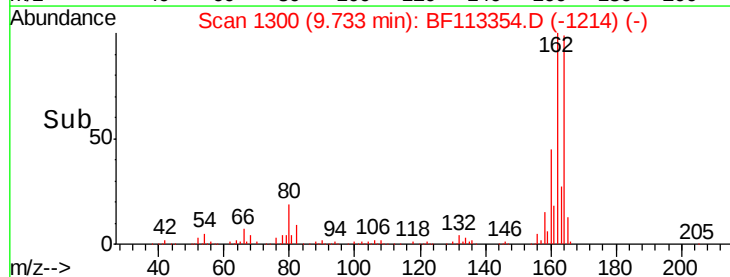
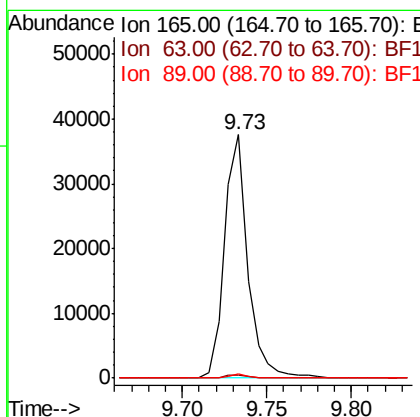
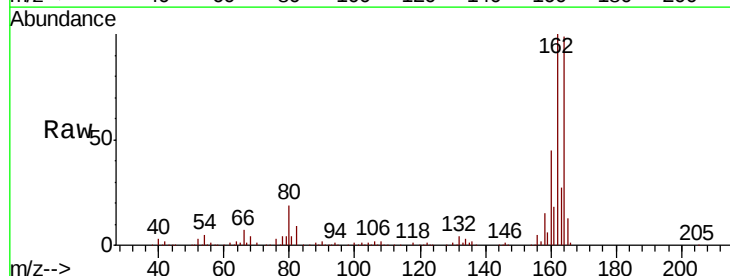
Instrument :
BNA_G
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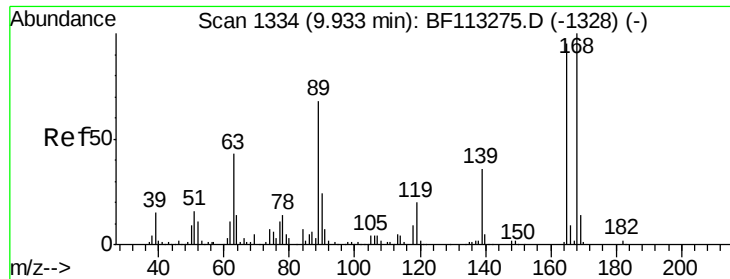
Tgt Ion:163 Resp: 69105
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 360.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.571 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113354.D
Acq: 28 Mar 2019 3:35

Tgt Ion:165 Resp: 36064
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.0#
89 1.5 43.1 64.7#

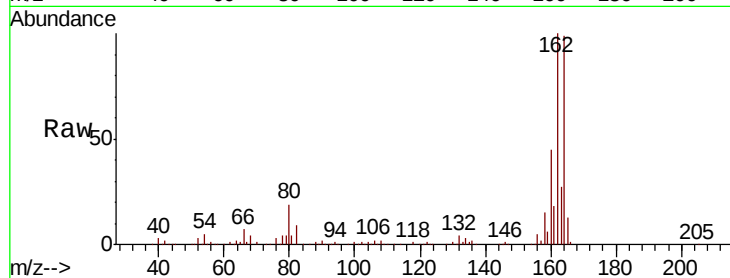




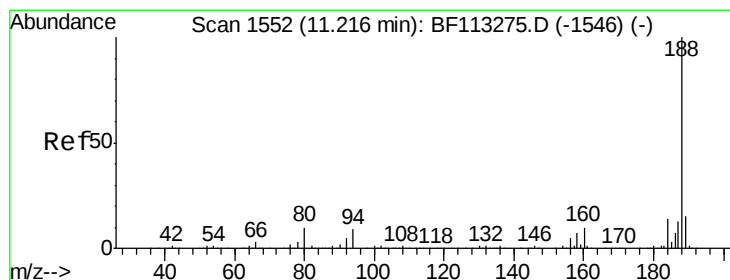
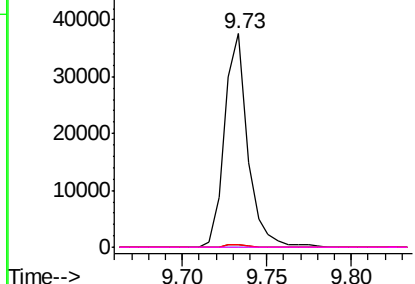
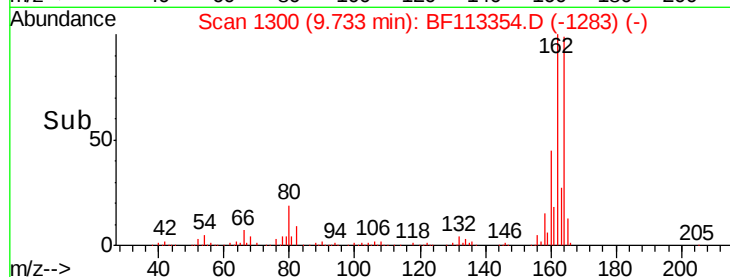
#57
 2,4-Dinitrotoluene
 Concen: 5.953 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Instrument :
 BNA_G
 ClientSampleId :
 CS-14

Tgt Ion:165 Resp: 36064
 Ion Ratio Lower Upper
 165 100
 63 1.1 37.5 56.3#
 89 1.5 57.4 86.2#
 182 0.0 2.0 3.0#

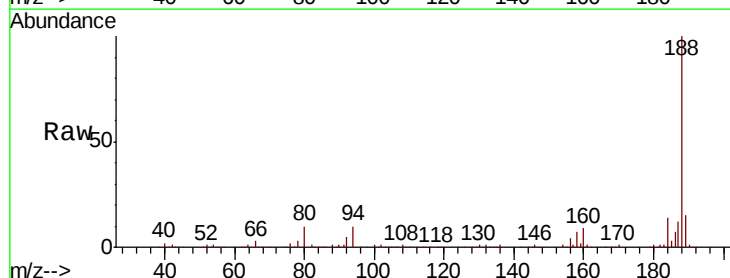


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

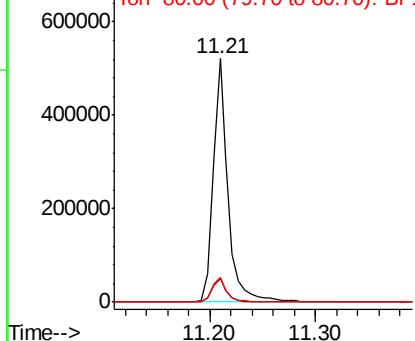
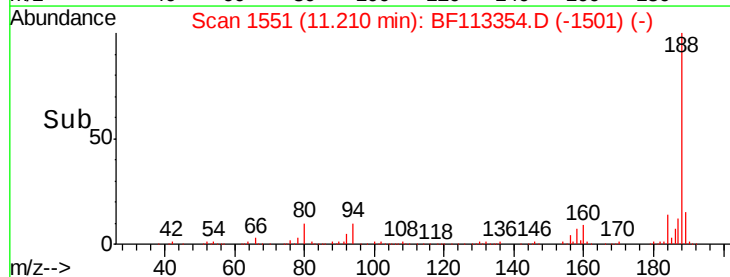


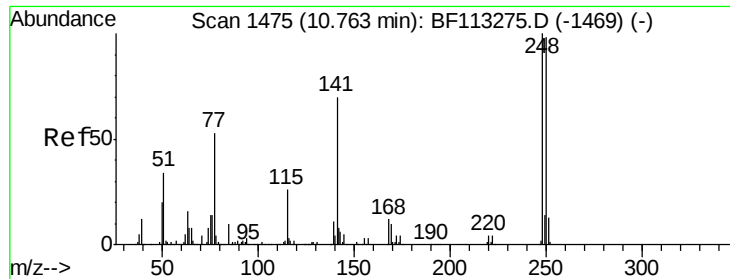
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Tgt Ion:188 Resp: 512721
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.0 10.6
 80 10.0 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

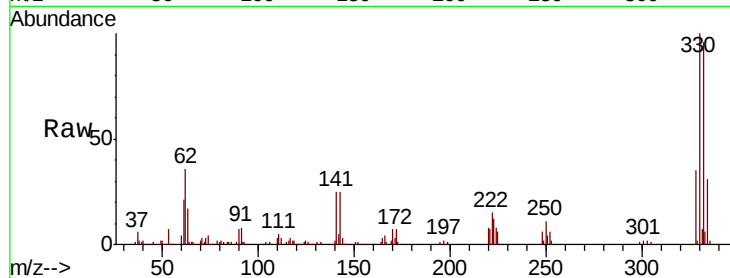




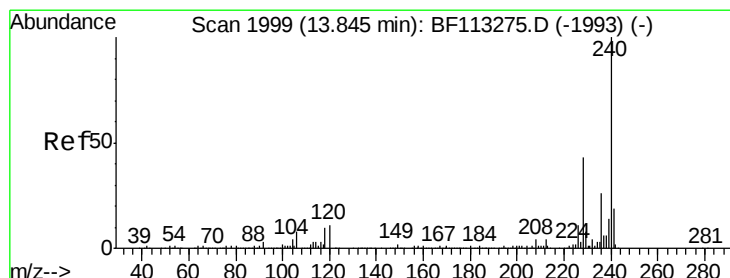
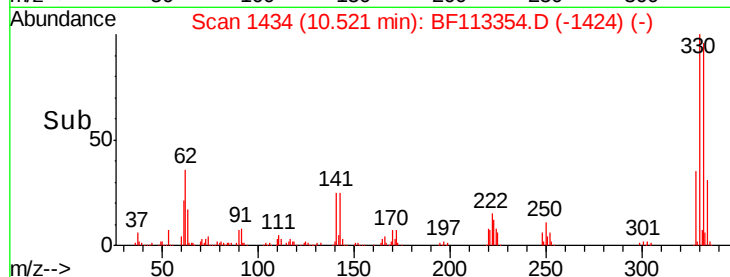
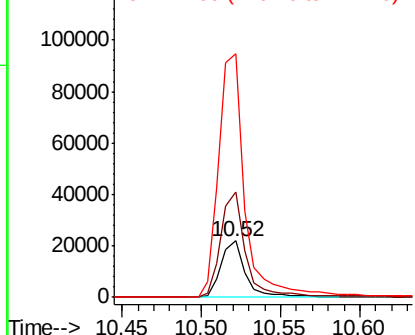
#67
 4-Bromophenyl-phenylether
 Concen: 4.238 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Instrument :
 BNA_G
 ClientSampleId :
 CS-14

Tgt Ion:248 Resp: 23683
 Ion Ratio Lower Upper
 248 100
 250 187.2 78.3 117.5#
 141 430.3 56.2 84.4#

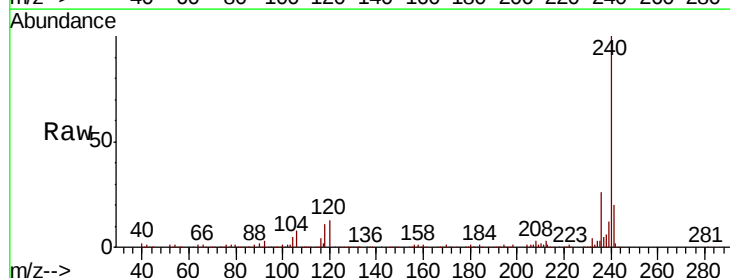


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

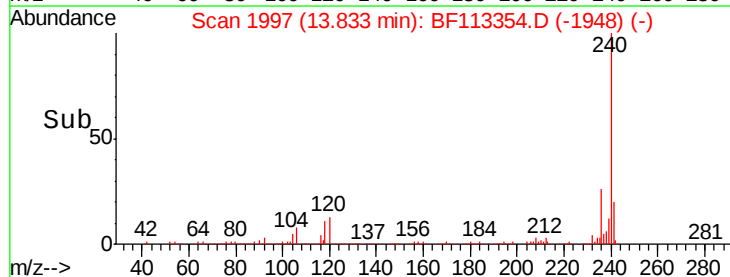
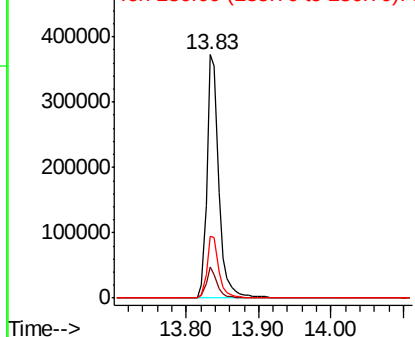


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Tgt Ion:240 Resp: 425003
 Ion Ratio Lower Upper
 240 100
 120 12.7 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: 88.197 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113354.D

Acq: 28 Mar 2019 3:35

Instrument :

BNA_G

ClientSampleId :

CS-14

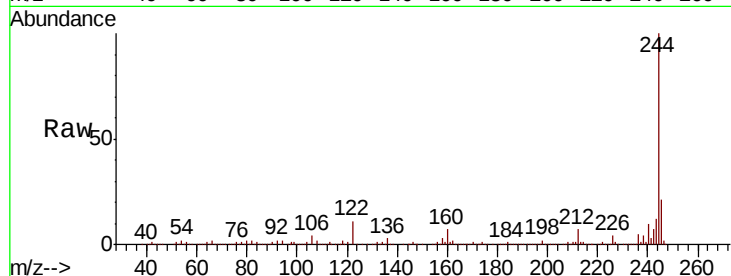
Tgt Ion:244 Resp: 1700595

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

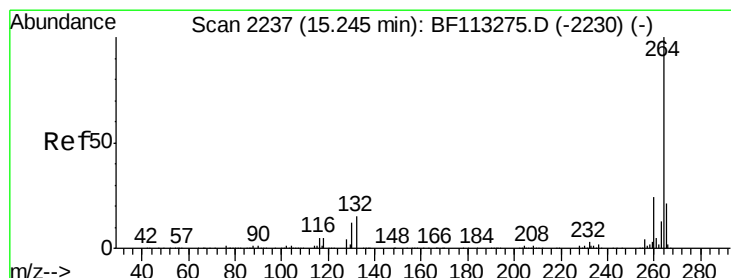
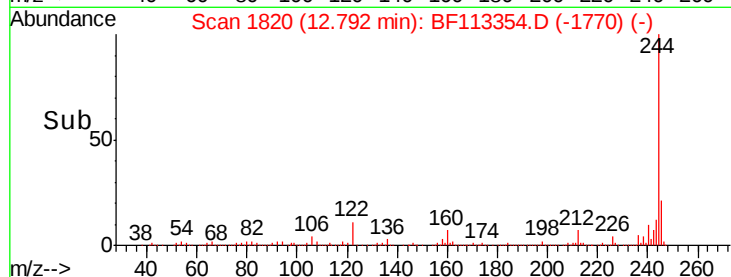
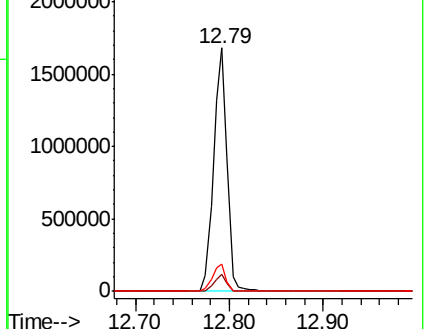
122 11.2 8.6 13.0



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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113354.D

Acq: 28 Mar 2019 3:35

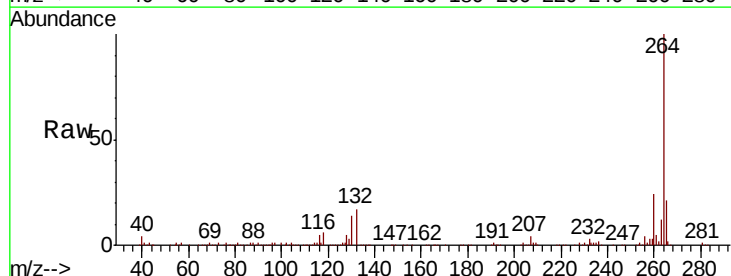
Tgt Ion:264 Resp: 333372

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.5 17.1 25.7



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

