

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113467.D
 Acq On : 1 Apr 2019 15:32
 Operator : JU/SJ
 Sample : K2171-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 01 18:04:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 01 14:33:20 2019
 Response via : Initial Calibration

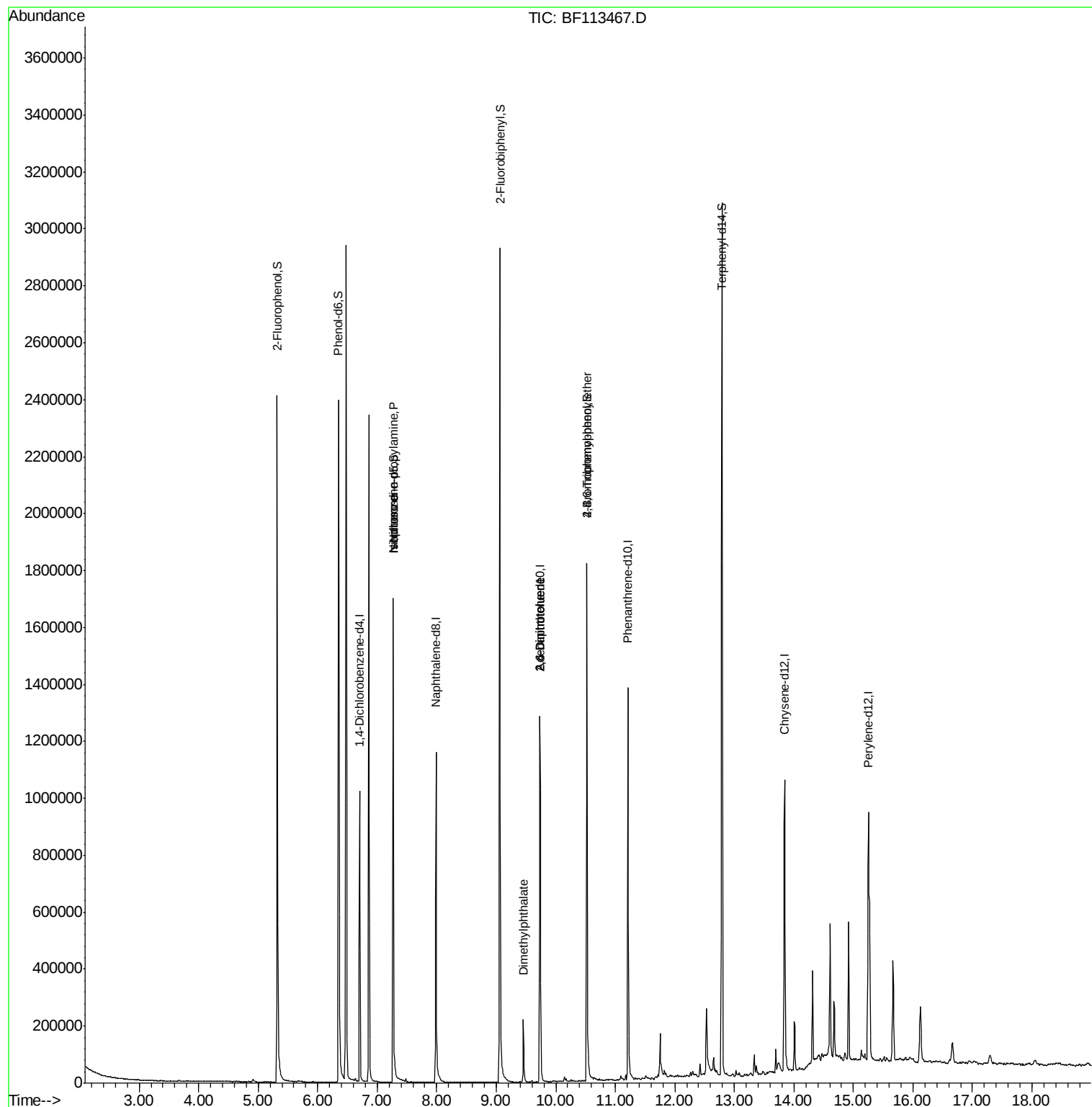
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150856	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	578248	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	281902	20.00	ng	-0.01
64) Phenanthrene-d10	11.22	188	556946	20.00	ng	0.00
76) Chrysene-d12	13.84	240	396353	20.00	ng	0.00
87) Perylene-d12	15.25	264	411293	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	769650	83.42	ng	0.00
7) Phenol-d6	6.35	99	1016288	87.08	ng	-0.01
23) Nitrobenzene-d5	7.27	82	603658	61.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	275357	79.08	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1089103	54.15	ng	0.00
79) Terphenyl-d14	12.79	244	1111399	61.81	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	76117	10.383	ng	# 75
25) Isophorone	7.27	82	599150	31.734	ng	# 65
50) Dimethylphthalate	9.46	163	107123	5.128	ng	# 98
51) 2,6-Dinitrotoluene	9.73	165	36130	7.666	ng	# 31
57) 2,4-Dinitrotoluene	9.73	165	36130	6.028	ng	# 19
67) 4-Bromophenyl-phenylether	10.52	248	15394	2.536	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. -0.01 min

Lab File: BF113467.D

Acq: 1 Apr 2019 15:32

Instrument :

BNA_F

ClientSampleId :

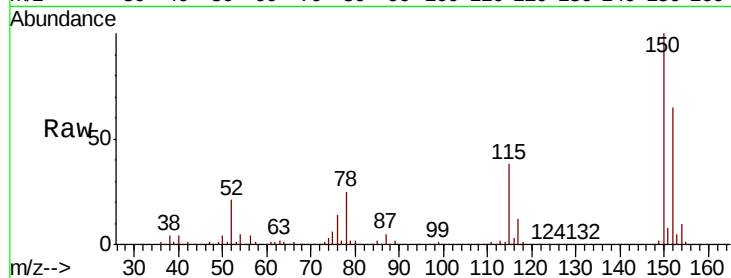
Tot Ion:152 Resp: 150856

Ion Ratio Lower Upper

152 100

150 153.4 123.6 185.4

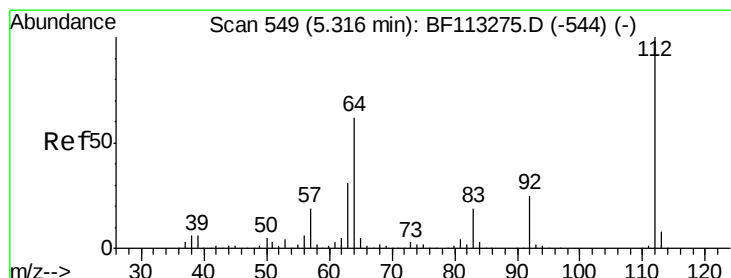
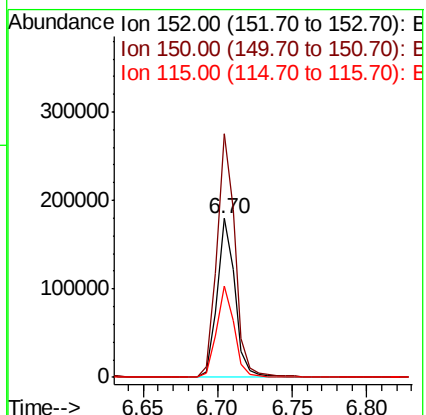
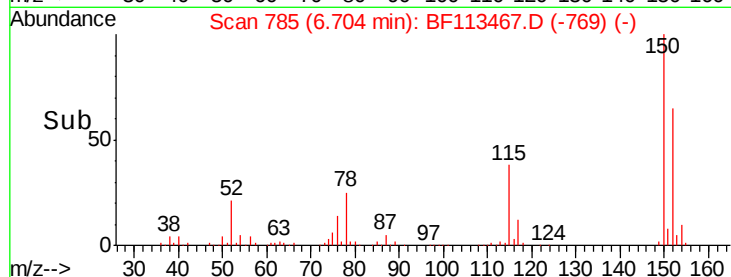
115 57.6 45.8 68.6



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: 83.422 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF113467.D

Acq: 1 Apr 2019 15:32

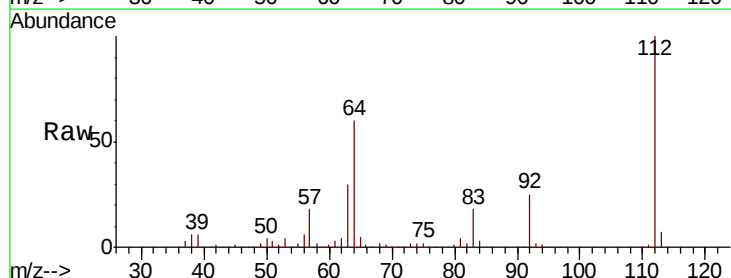
Tgt Ion:112 Resp: 769650

Ion Ratio Lower Upper

112 100

64 60.3 47.7 71.5

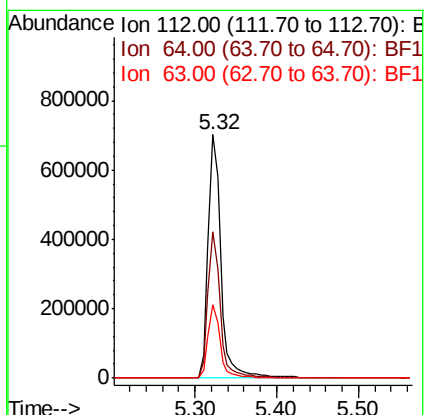
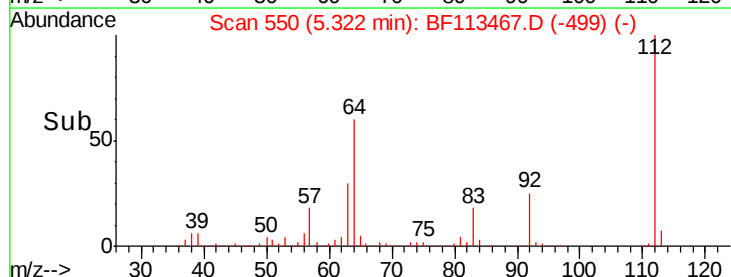
63 30.3 23.8 35.6



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: 87.075 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113467.D

Acq: 1 Apr 2019 15:32

Instrument :

BNA_F

ClientSampled :

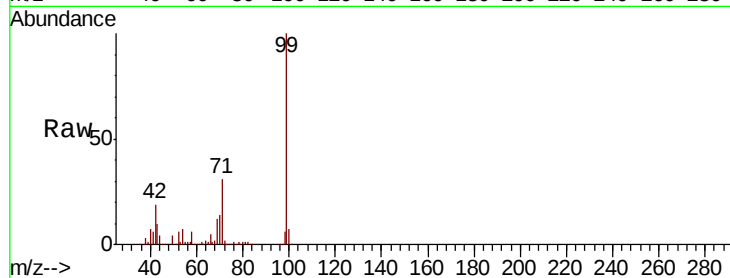
Tot Ion: 99 Resp: 1016288

Ion Ratio Lower Upper

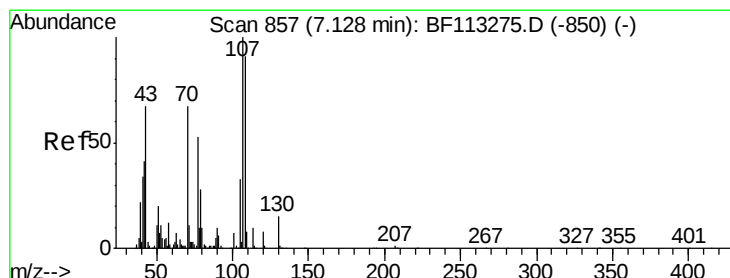
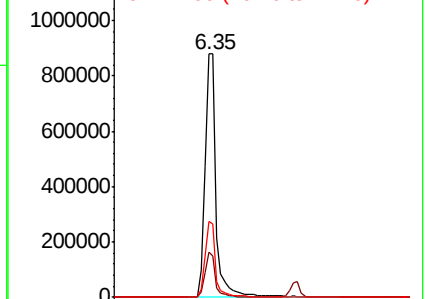
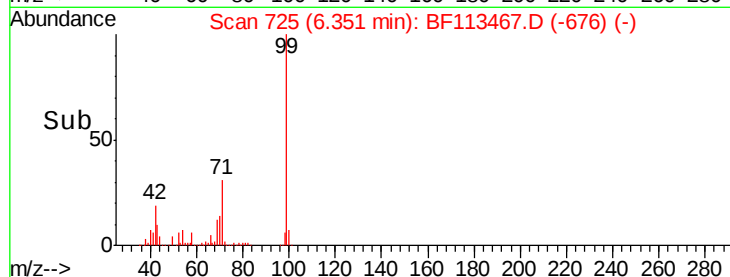
99 100

42 18.7 14.4 21.6

71 31.3 25.0 37.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.383 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113467.D

Acq: 1 Apr 2019 15:32

Tgt Ion: 70 Resp: 76117

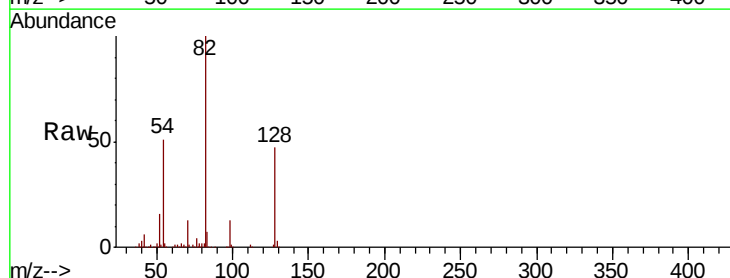
Ion Ratio Lower Upper

70 100

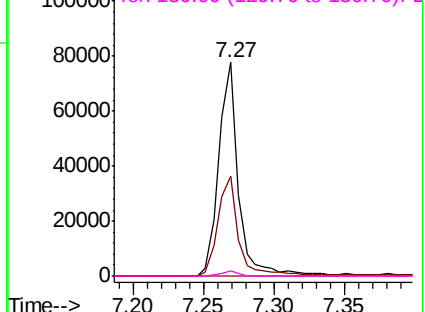
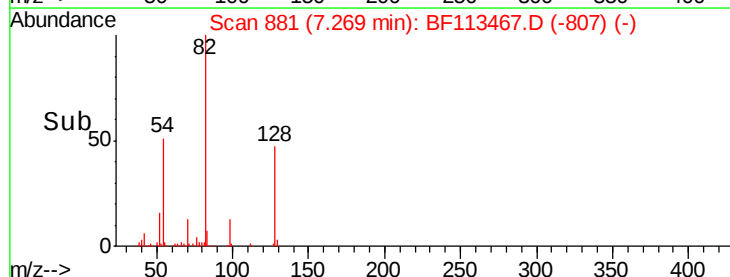
42 46.7 49.4 74.0#

101 0.0 7.6 11.4#

130 2.4 17.7 26.5#



Abundance Ion 70.00 (69.70 to 70.70): BF1
120000
Ion 42.00 (41.70 to 42.70): BF1
100000
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. -0.01 min

Lab File: BF113467.D

Acq: 1 Apr 2019 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 578248

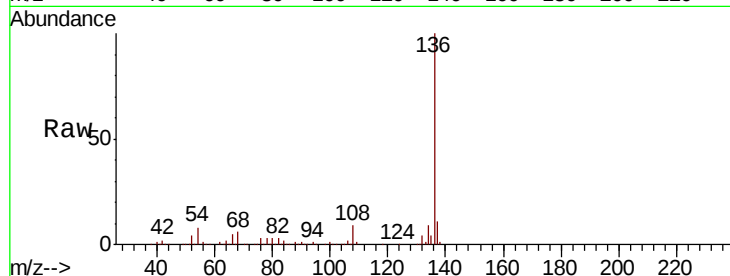
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.2 6.9 10.3

68 6.2 5.1 7.7

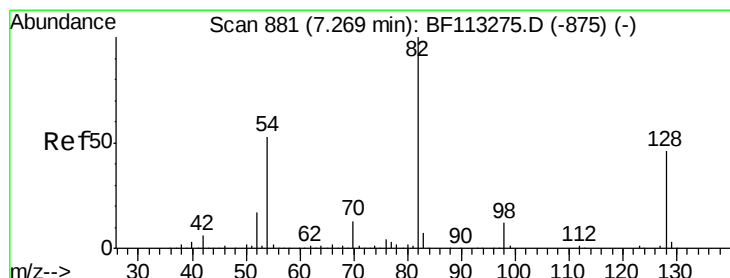
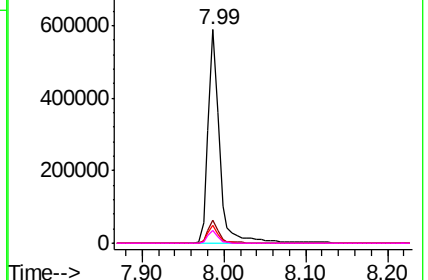
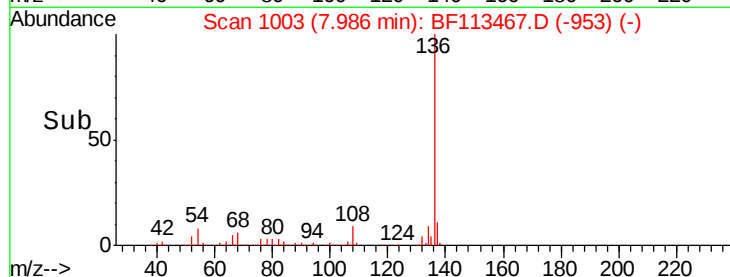


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.962 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF113467.D

Acq: 1 Apr 2019 15:32

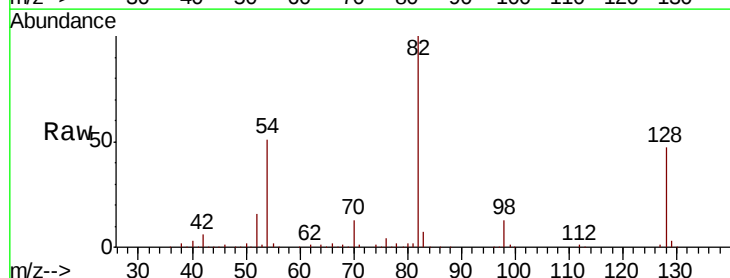
Tgt Ion: 82 Resp: 603658

Ion Ratio Lower Upper

82 100

128 47.3 37.9 56.9

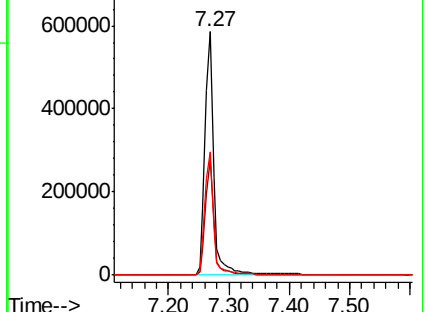
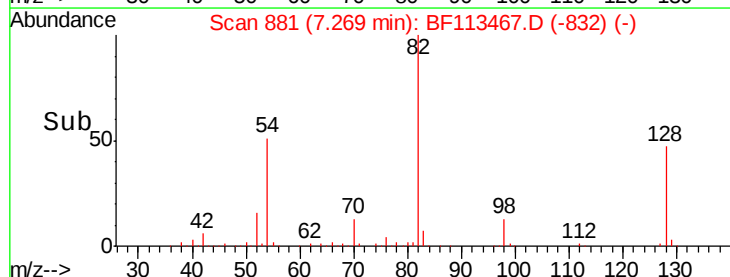
54 50.8 41.9 62.9

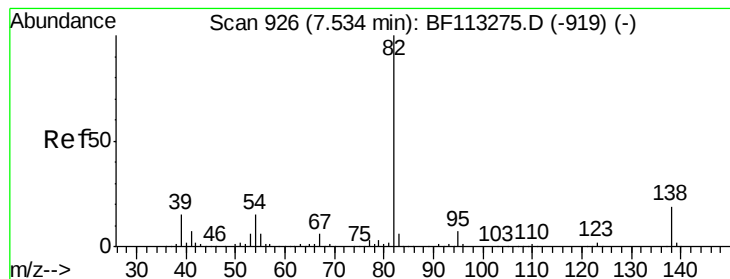


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.734 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF113467.D

Acq: 1 Apr 2019 15:32

Instrument :

BNA_F

ClientSampleId :

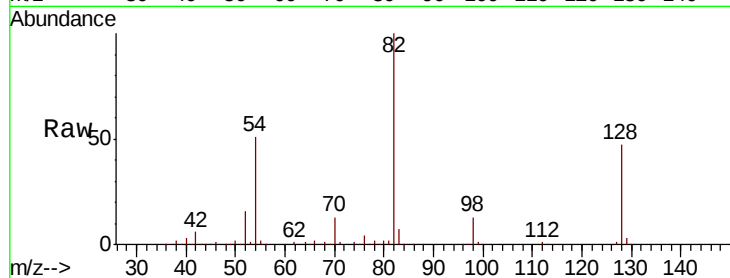
Tot Ion: 82 Resp: 599150

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

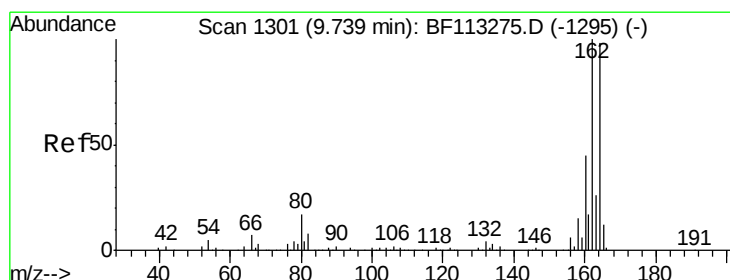
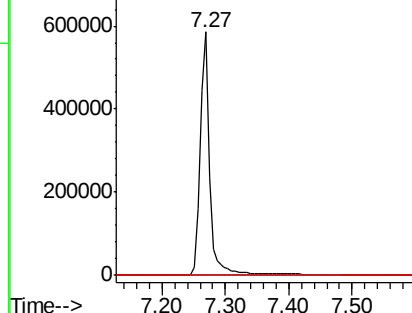
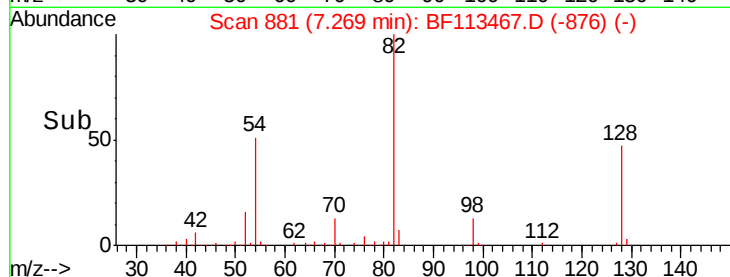
138 0.0 14.7 22.1#



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: BF113467.D

Acq: 1 Apr 2019 15:32

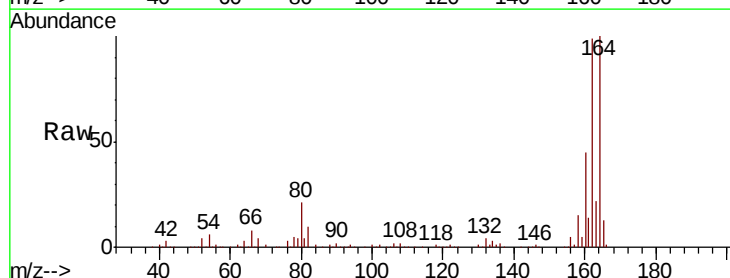
Tgt Ion:164 Resp: 281902

Ion Ratio Lower Upper

164 100

162 99.2 79.7 119.5

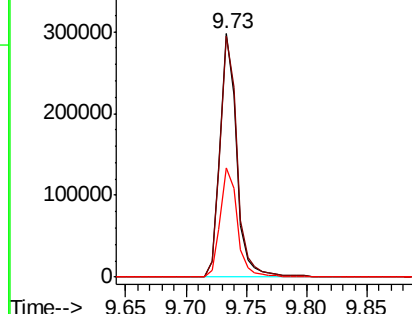
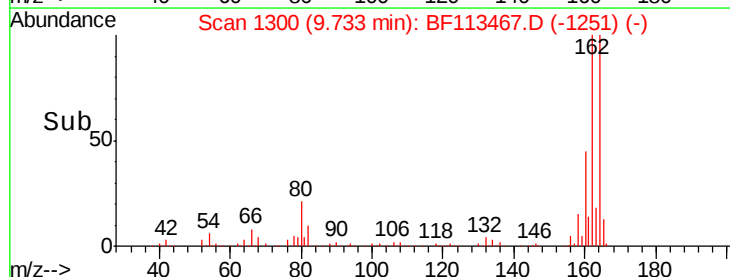
160 45.1 35.9 53.9

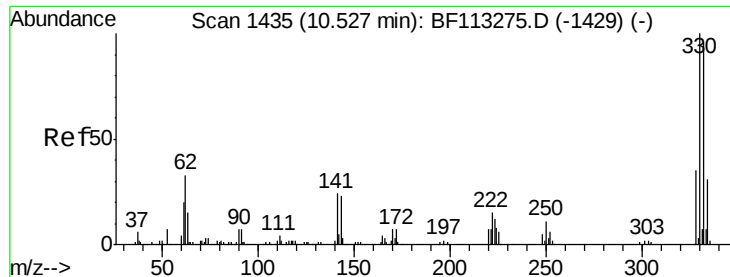


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

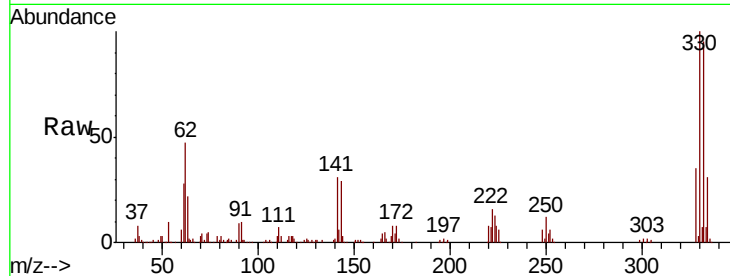




#42
 2,4,6-Tribromophenol
 Concen: 79.077 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113467.D
 Acq: 1 Apr 2019 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	28.2	21.4	32.2

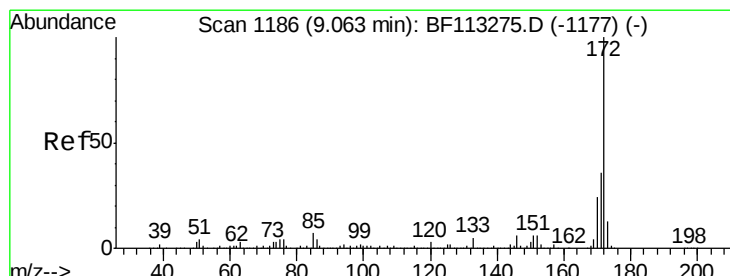
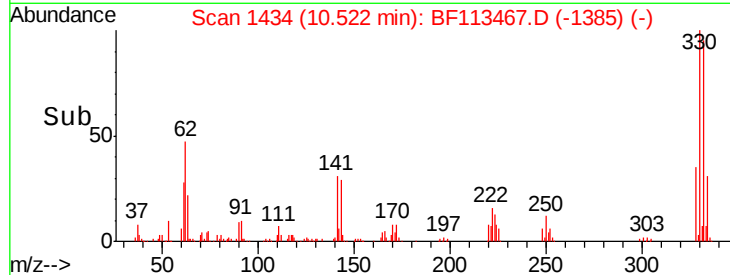
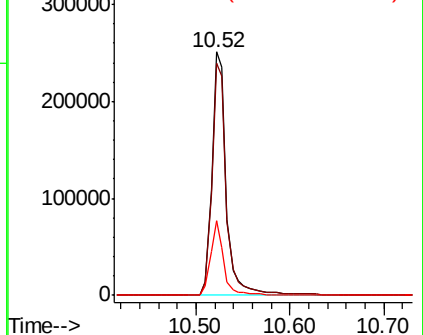


Abundance

Ion 329.80 (329.50 to 330.50): E

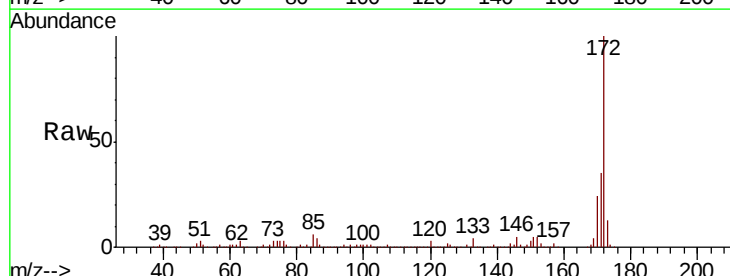
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 54.153 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF113467.D
 Acq: 1 Apr 2019 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	23.9	19.8	29.6

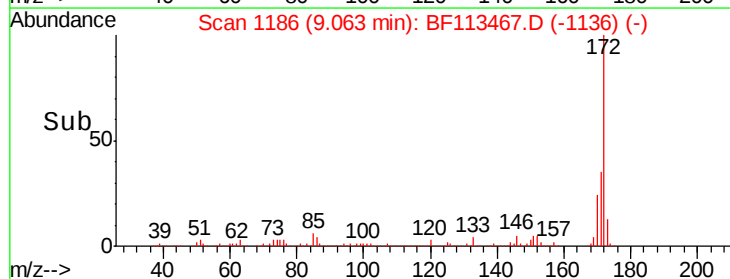
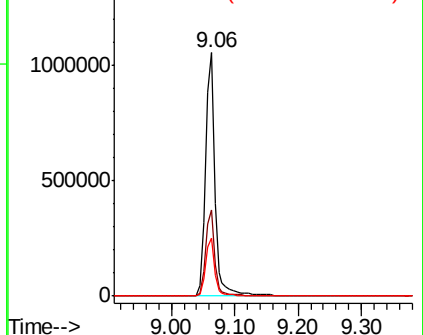


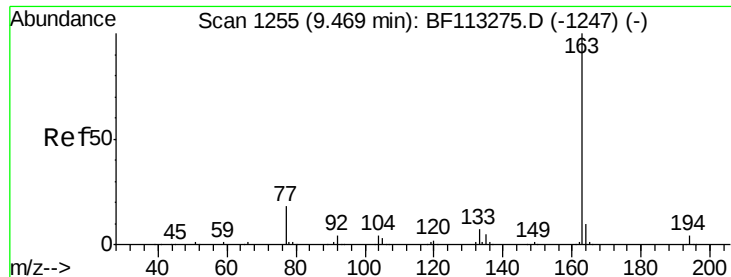
Abundance

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

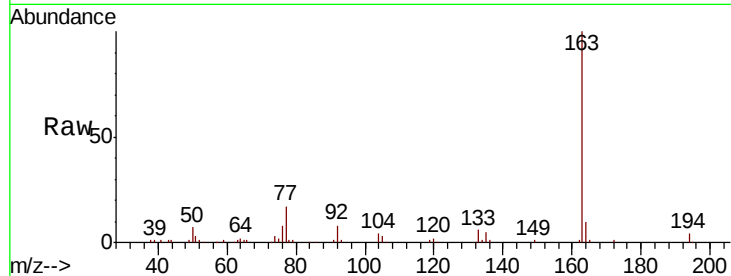




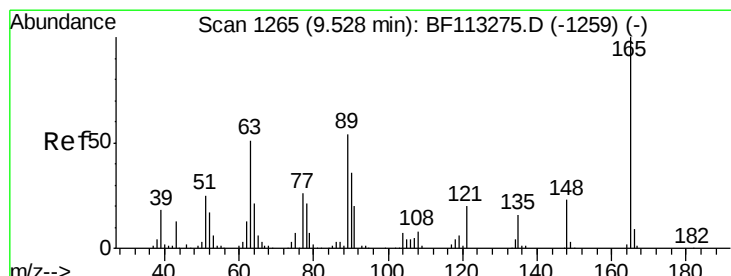
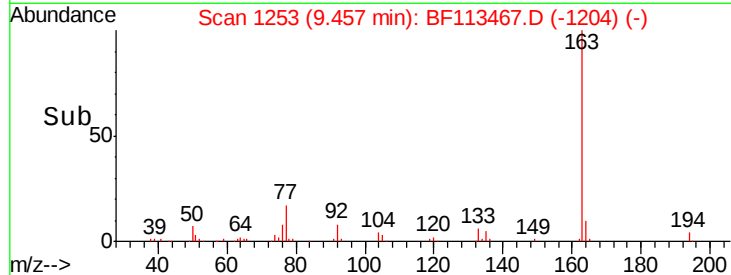
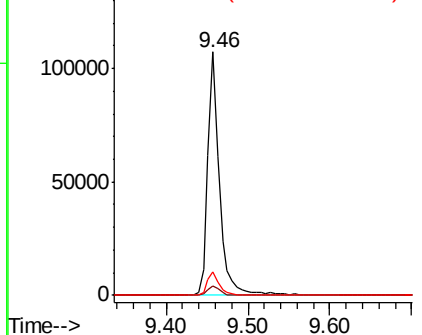
#50
 Dimethylphthalate
 Concen: 5.128 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF113467.D
 Acq: 1 Apr 2019 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp:	107123
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.1 4.7
164	9.7	8.3 12.5

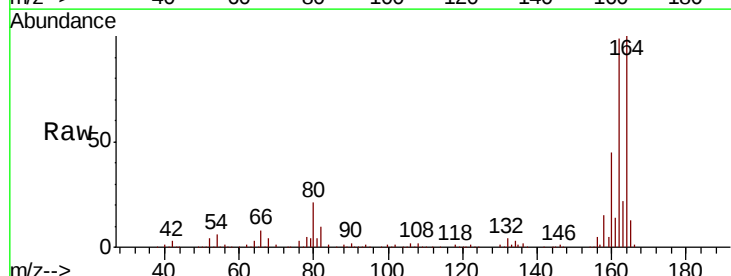


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

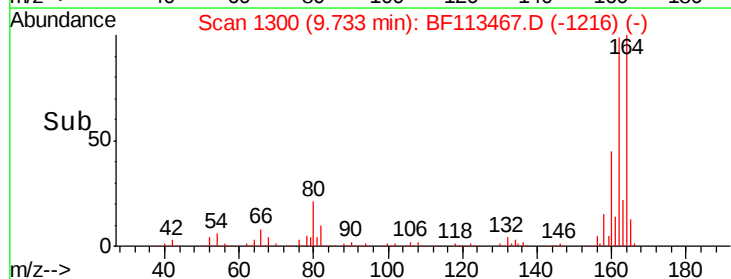
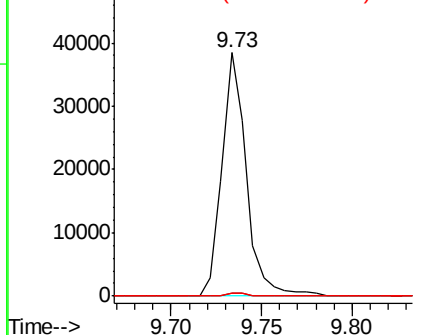


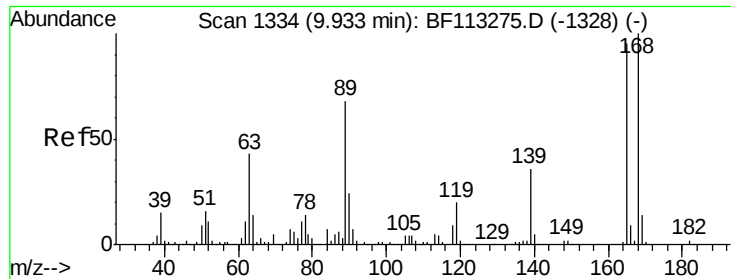
#51
 2,6-Dinitrotoluene
 Concen: 7.666 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.19 min
 Lab File: BF113467.D
 Acq: 1 Apr 2019 15:32

Tgt Ion:165	Resp:	36130
Ion Ratio	Lower	Upper
165	100	
63	1.4	38.3 57.5#
89	1.2	38.6 58.0#



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

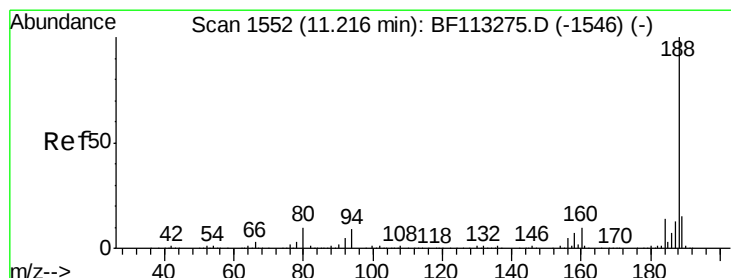
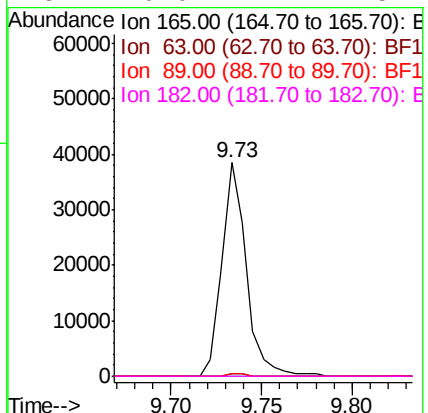
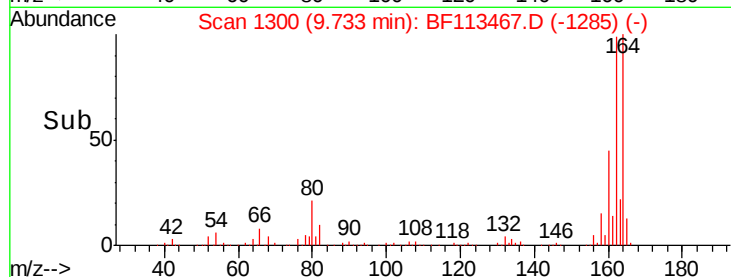
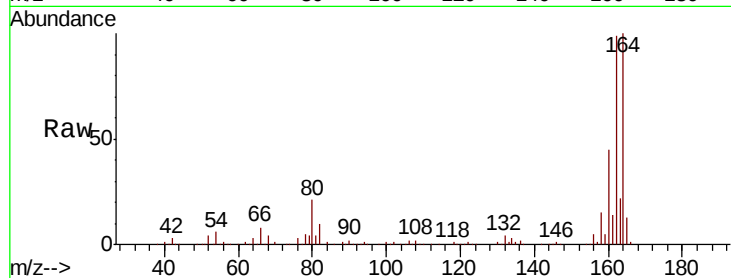




#57
 2,4-Dinitrotoluene
 Concen: 6.028 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF113467.D
 Acq: 1 Apr 2019 15:32

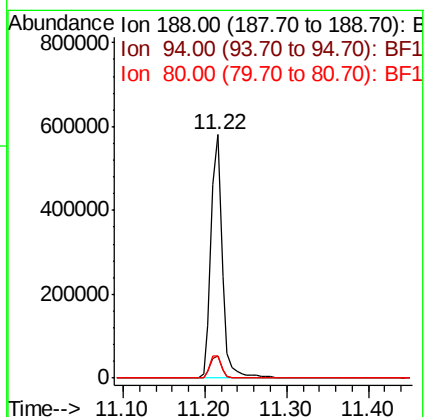
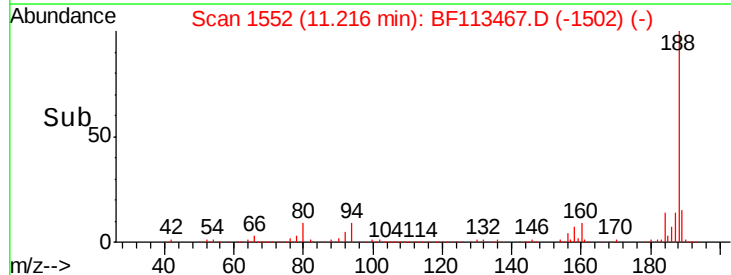
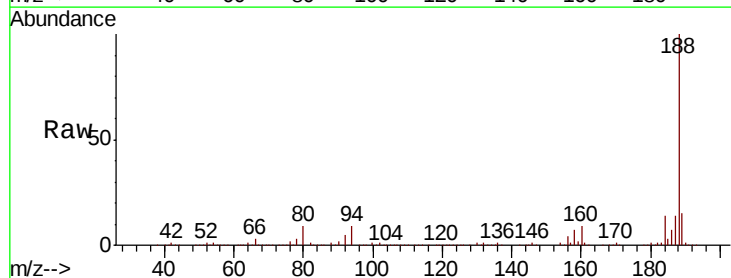
Instrument :
 BNA_F
 ClientSampleId :

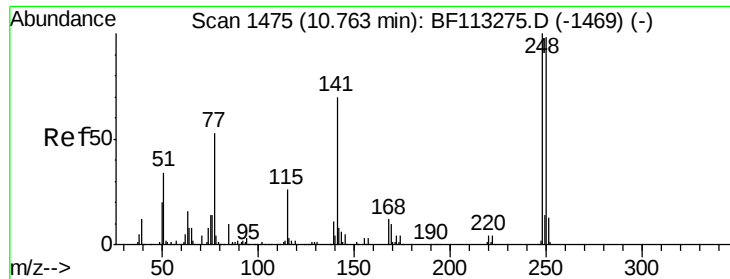
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.6	68.4#
89	1.2	61.8	92.8#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF113467.D
 Acq: 1 Apr 2019 15:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.8	11.6
80	9.2	8.2	12.2

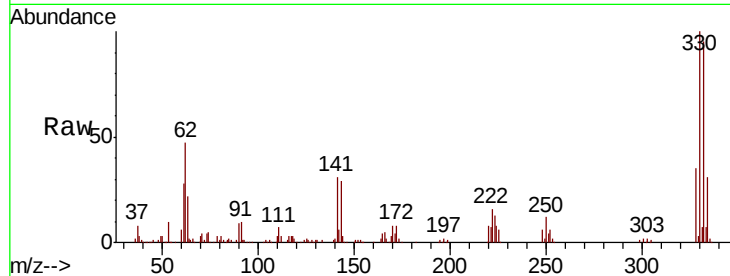




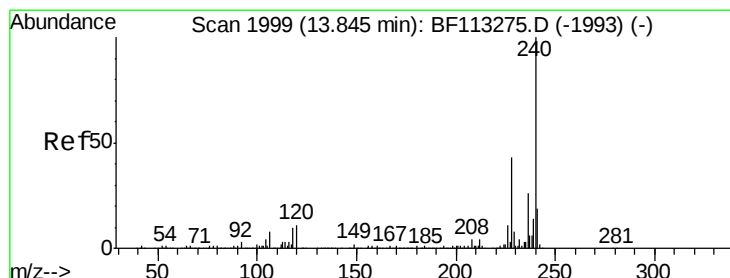
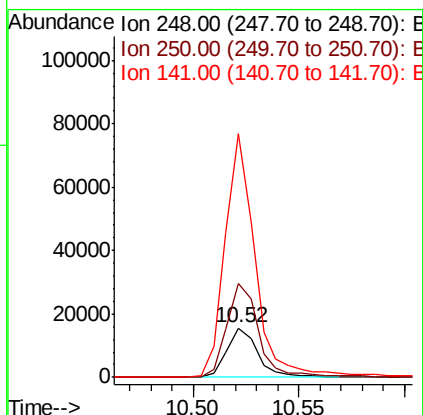
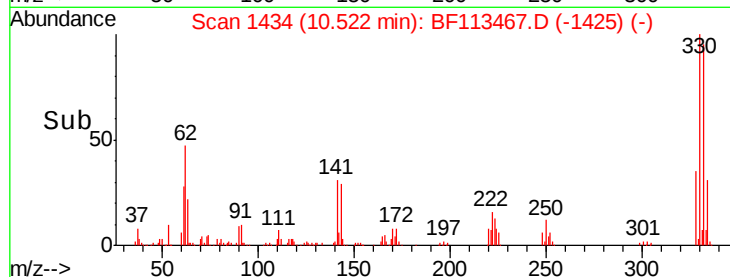
#67
 4-Bromophenyl-phenylether
 Concen: 2.536 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF113467.D
 Acq: 1 Apr 2019 15:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15394
 Ion Ratio Lower Upper
 248 100
 250 191.5 77.5 116.3#
 141 494.5 54.0 81.0#

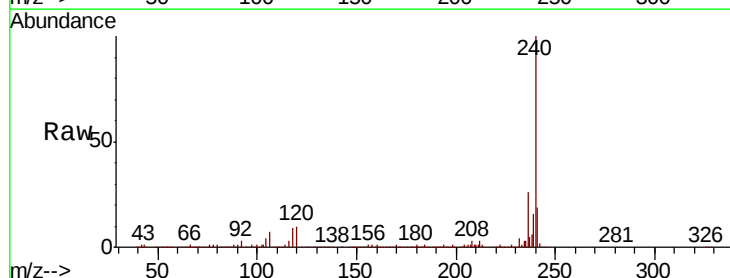


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

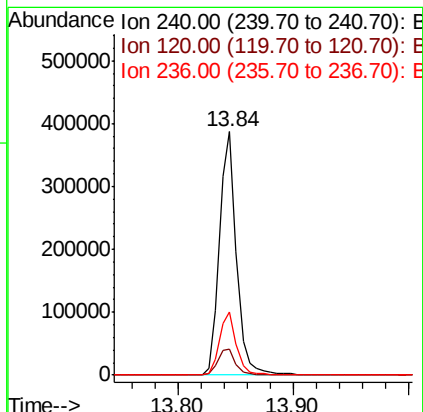
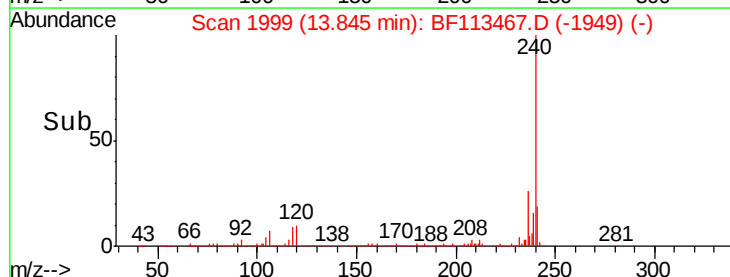


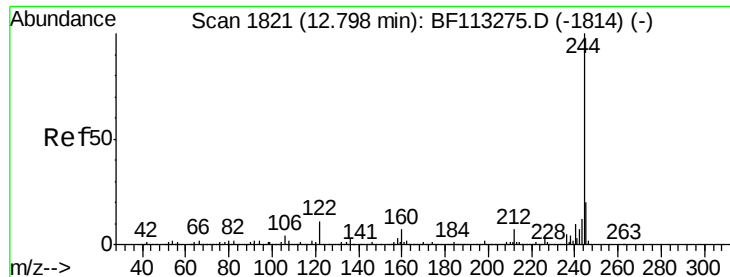
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF113467.D
 Acq: 1 Apr 2019 15:32

Tgt Ion:240 Resp: 396353
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.7 14.5
 236 25.8 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: 61.806 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113467.D

Acq: 1 Apr 2019 15:32

Instrument :

BNA_F

ClientSampleId :

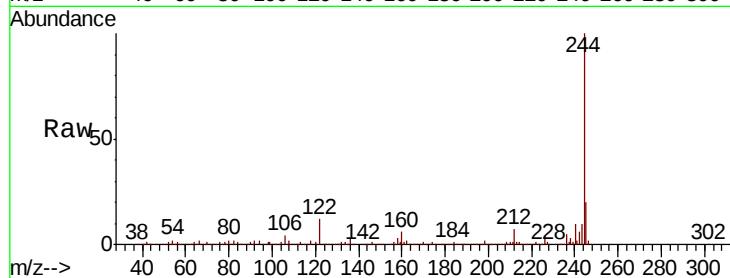
Tot Ion:244 Resp: 1111399

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

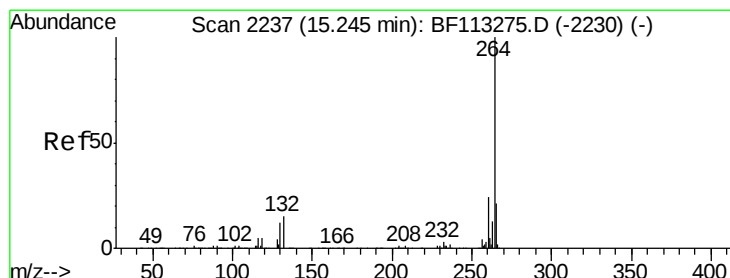
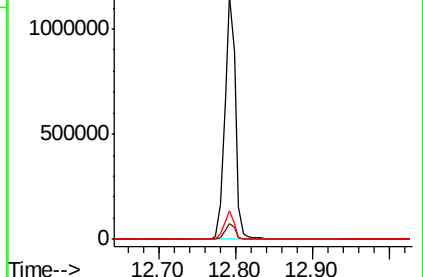
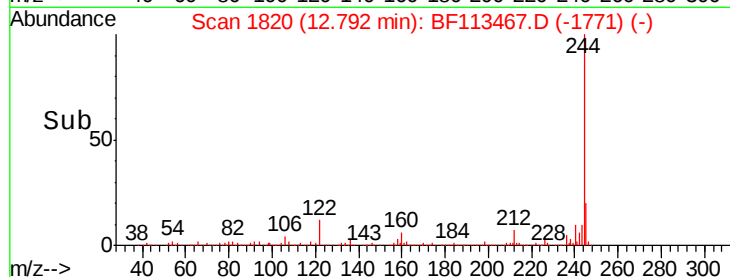
122 11.6 8.7 13.1



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: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF113467.D

Acq: 1 Apr 2019 15:32

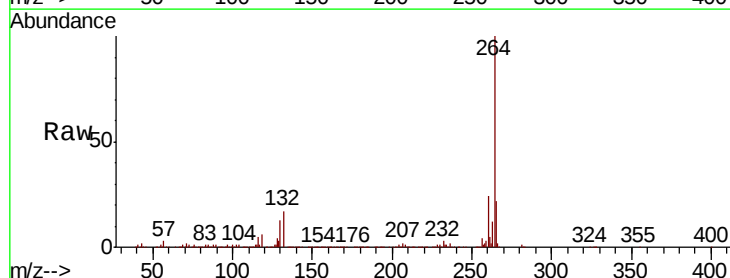
Tgt Ion:264 Resp: 411293

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.3 17.2 25.8



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

