

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113537.D
 Acq On : 3 Apr 2019 7:45
 Operator : JU/SJ
 Sample : K2056-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-8

Quant Time: Apr 03 08:29:59 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

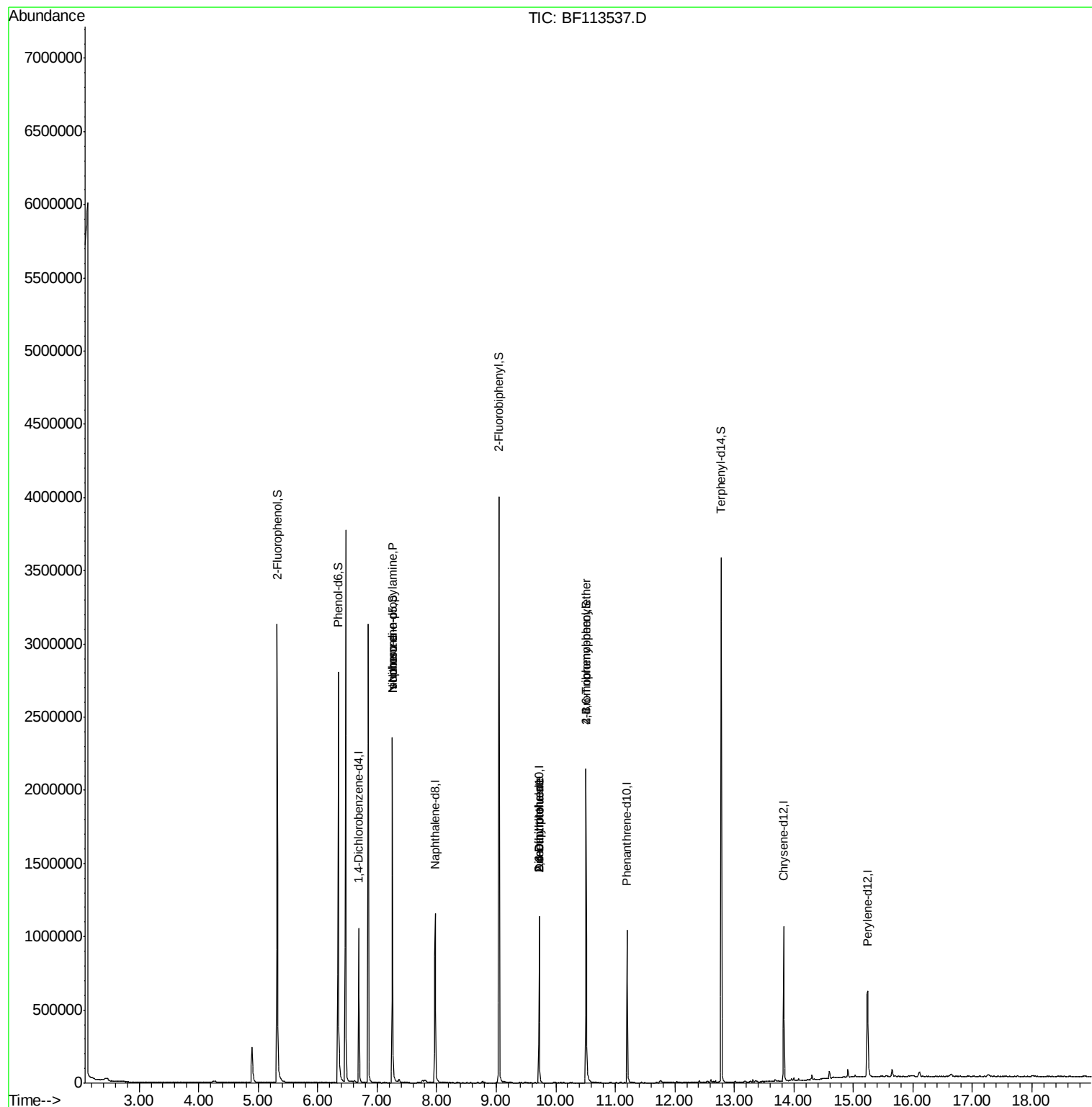
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	154575	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	545456	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	229576	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	392563	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	401089	20.00	ng	-0.01
87) Perylene-d12	15.24	264	293603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	955249	101.05	ng	0.00
7) Phenol-d6	6.35	99	1081817	90.46	ng	-0.01
23) Nitrobenzene-d5	7.26	82	789568	85.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	309648	109.19	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1362106	95.09	ng	-0.02
79) Terphenyl-d14	12.78	244	1348404	74.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	103208	13.739	ng	# 78
25) Isophorone	7.26	82	785492	44.105	ng	# 64
50) Dimethylphthalate	9.72	163	61585	3.620	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	29235	7.617	ng	# 27
57) 2,4-Dinitrotoluene	9.72	165	29235	5.990	ng	# 23
67) 4-Bromophenyl-phenylether	10.51	248	17618	4.118	ng	# 1

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

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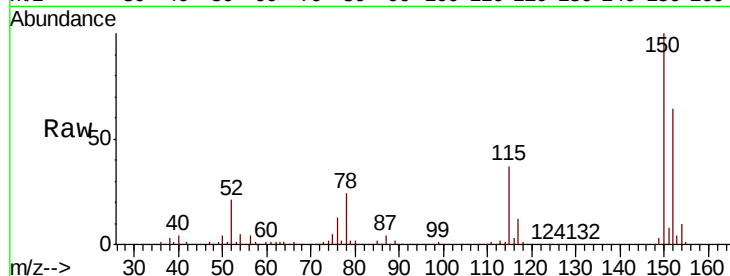


#1

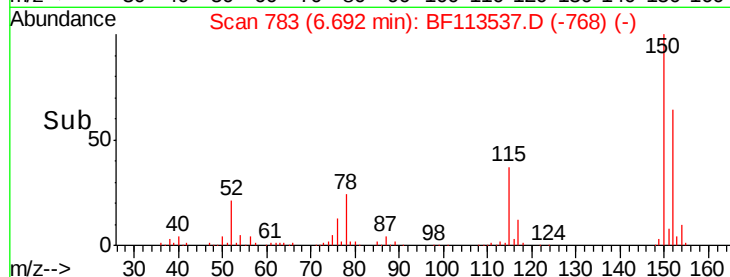
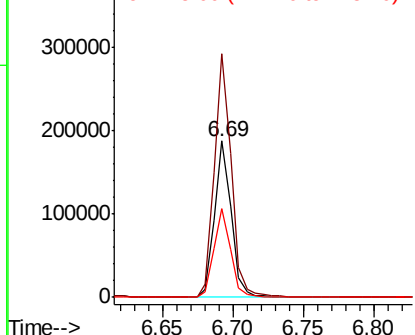
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113537.D
Acq: 3 Apr 2019 7:45

Instrument :
BNA_F
ClientSampleId :
CS-8

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	56.9	46.0	69.0



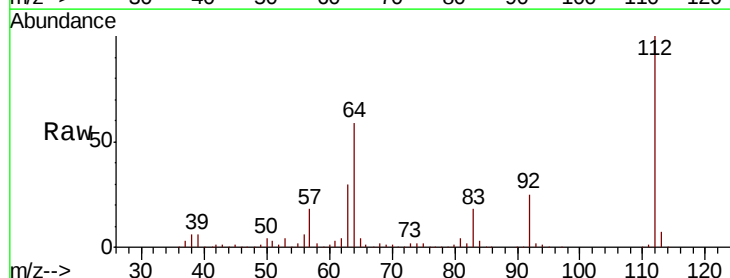
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



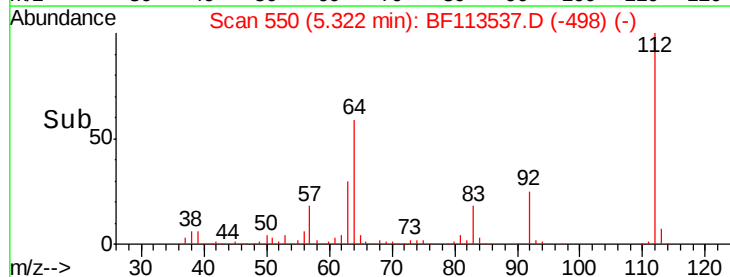
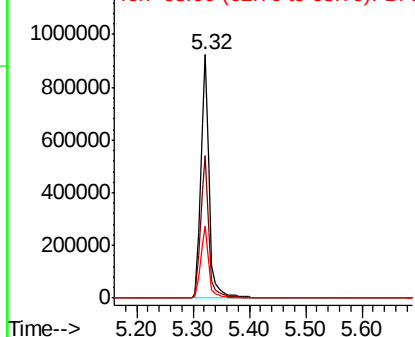
#5

2-Fluorophenol
Concen: 101.048 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113537.D
Acq: 3 Apr 2019 7:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	49.2	73.8
63	29.6	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: 90.460 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113537.D

Acq: 3 Apr 2019 7:45

Instrument :

BNA_F

ClientSampleId :

CS-8

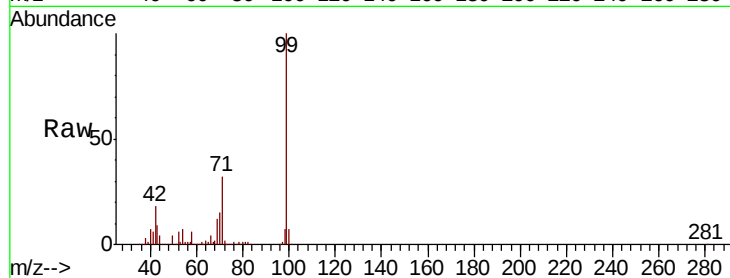
Tgt Ion: 99 Resp: 1081817

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

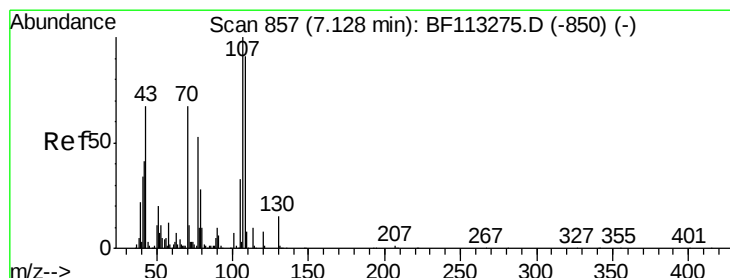
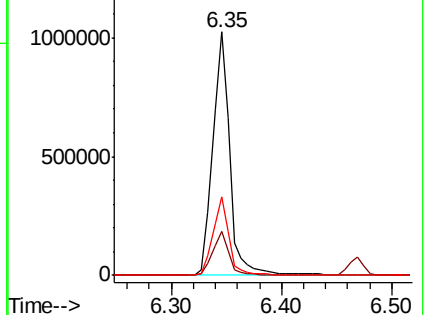
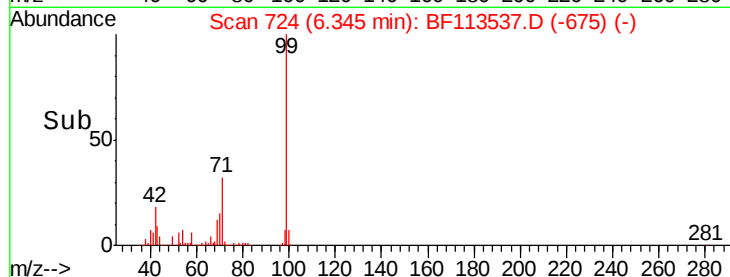
71 32.3 24.9 37.3



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: 13.739 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF113537.D

Acq: 3 Apr 2019 7:45

Tgt Ion: 70 Resp: 103208

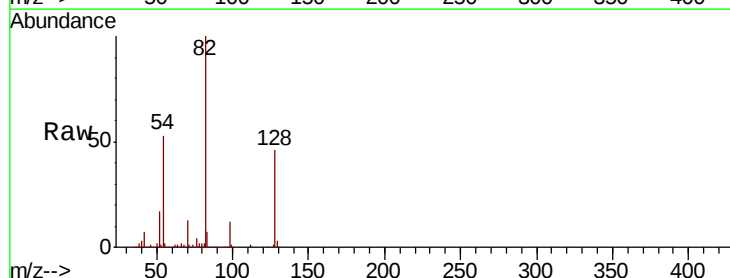
Ion Ratio Lower Upper

70 100

42 49.6 48.4 72.6

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

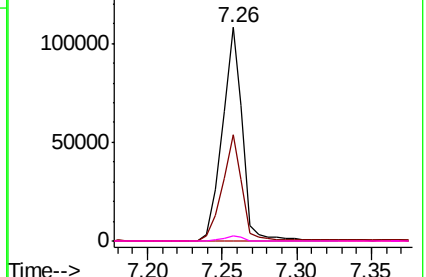
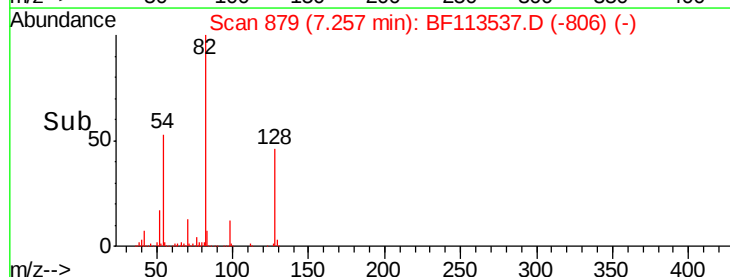


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113537.D

Acq: 3 Apr 2019 7:45

Instrument :

BNA_F

ClientSampleId :

CS-8

Tgt Ion: 136 Resp: 545456

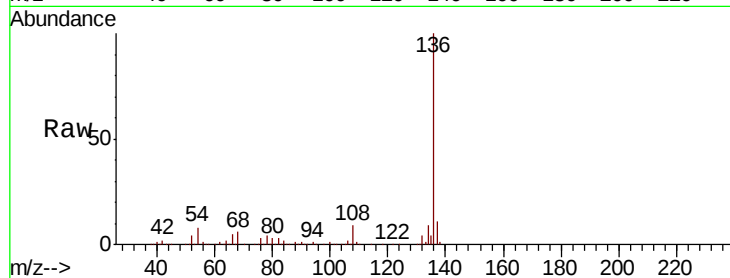
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 7.0 10.6

68 5.7 4.8 7.2

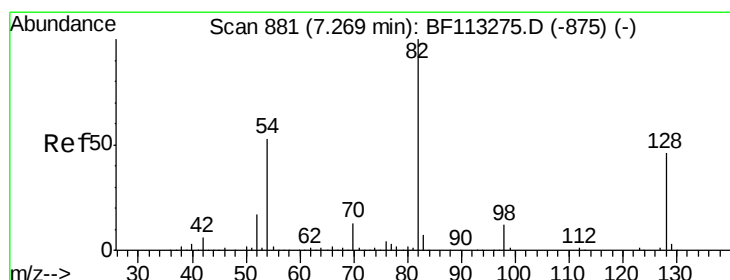
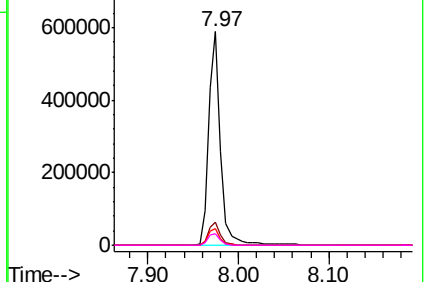
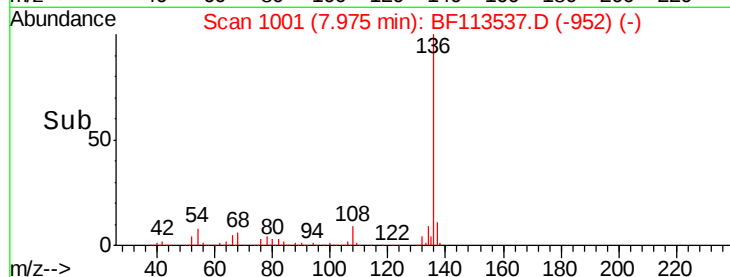


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.917 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF113537.D

Acq: 3 Apr 2019 7:45

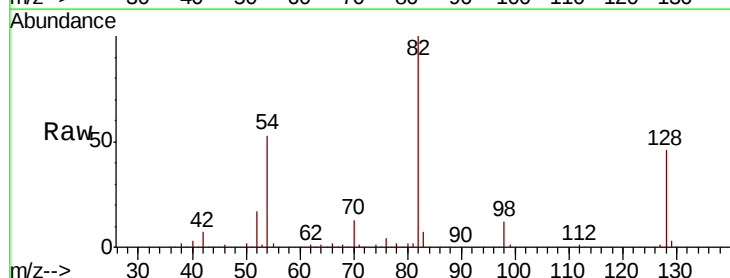
Tgt Ion: 82 Resp: 789568

Ion Ratio Lower Upper

82 100

128 46.3 36.5 54.7

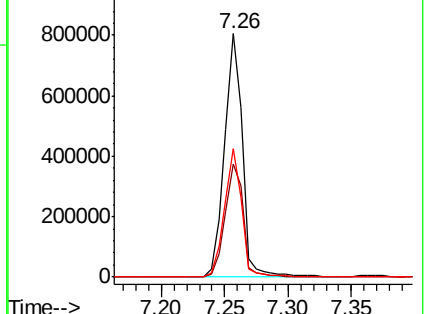
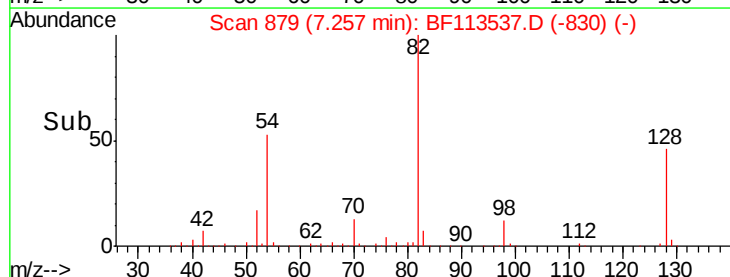
54 53.0 42.2 63.2

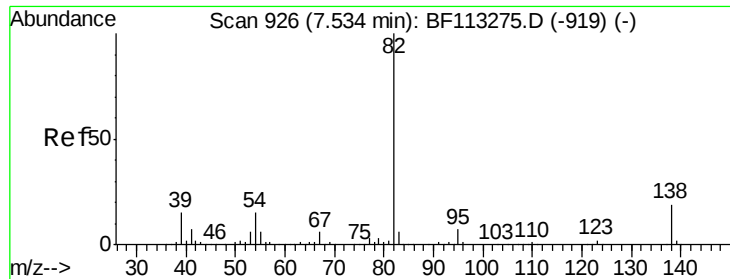


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

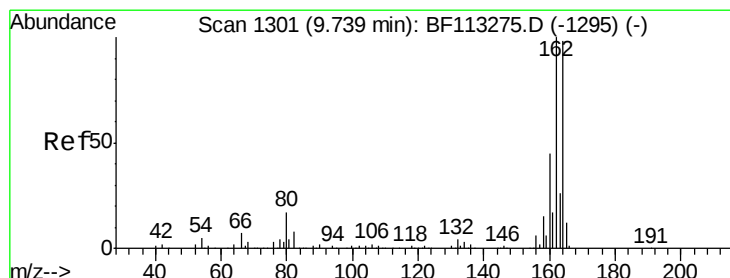
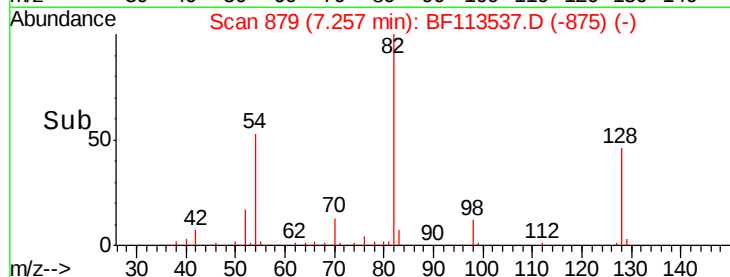
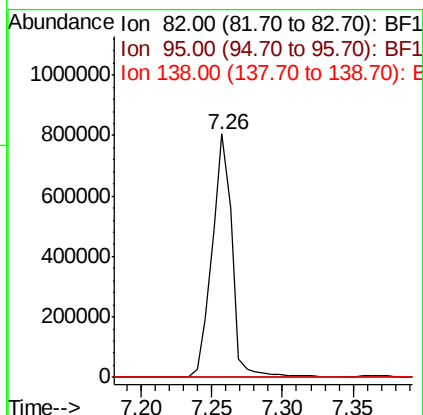
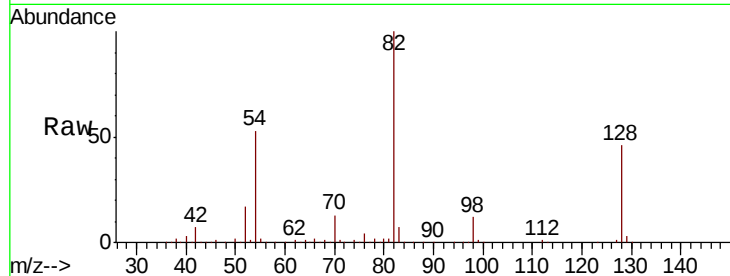




#25
Isophorone
Concen: 44.105 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF113537.D
Acq: 3 Apr 2019 7:45

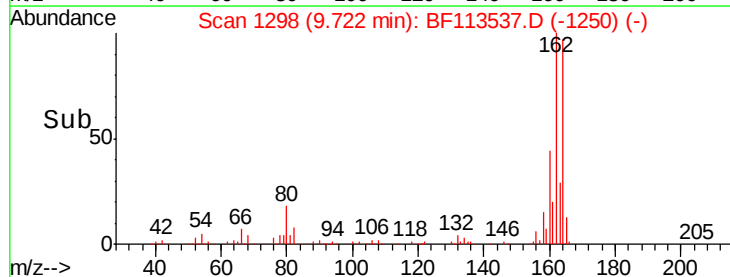
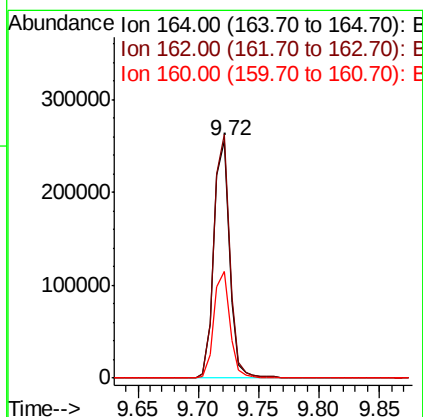
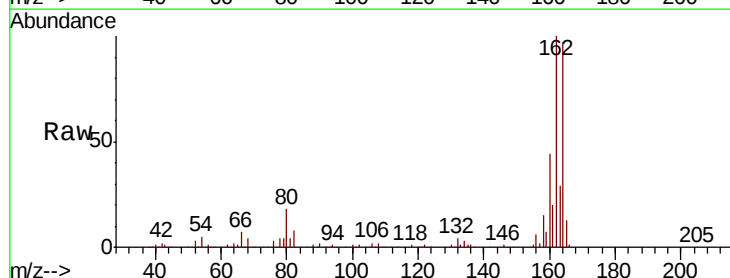
Instrument :
BNA_F
ClientSampled :
CS-8

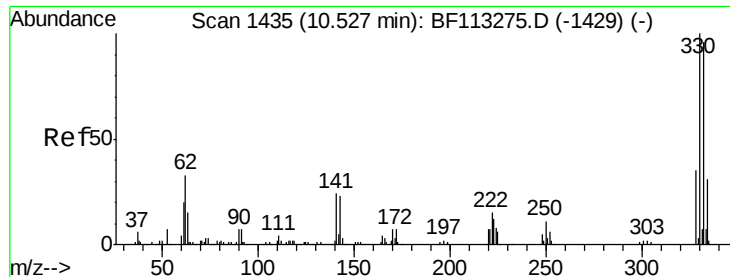
Tgt Ion: 82 Resp: 785492
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF113537.D
Acq: 3 Apr 2019 7:45

Tgt Ion: 164 Resp: 229576
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 45.0 36.4 54.6

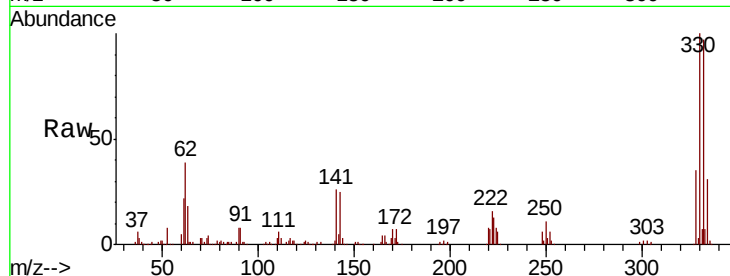




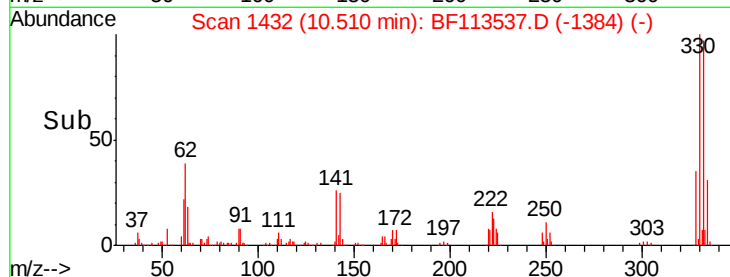
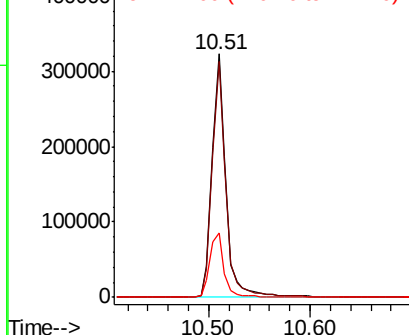
#42
 2,4,6-Tribromophenol
 Concen: 109.193 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113537.D
 Acq: 3 Apr 2019 7:45

Instrument :
 BNA_F
 ClientSampleId :
 CS-8

Tgt Ion:330 Resp: 309648
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.8 116.6
 141 27.5 22.7 34.1

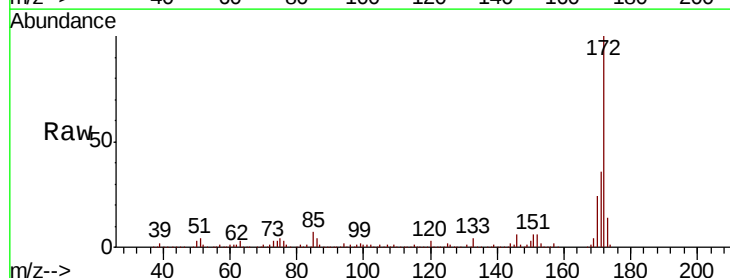


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

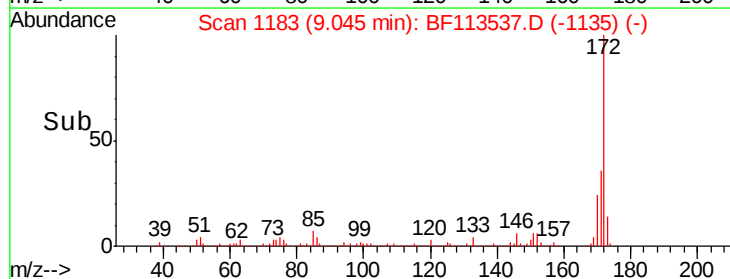
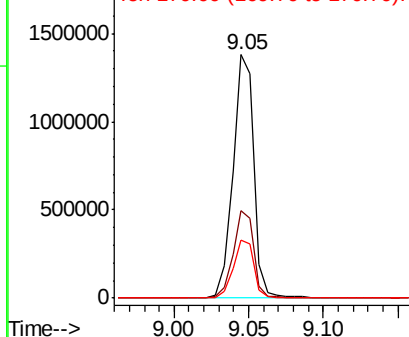


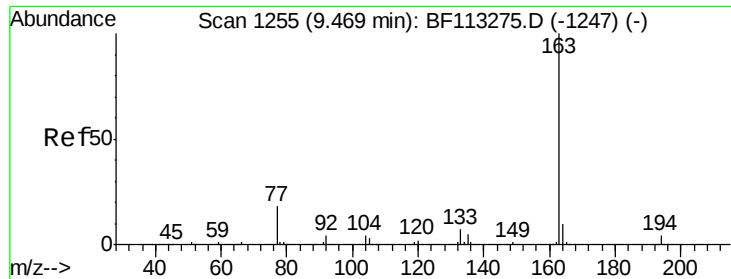
#45
 2-Fluorobiphenyl
 Concen: 95.086 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113537.D
 Acq: 3 Apr 2019 7:45

Tgt Ion:172 Resp: 1362106
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.0 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

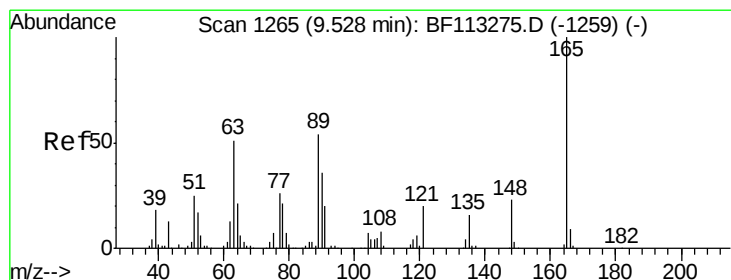
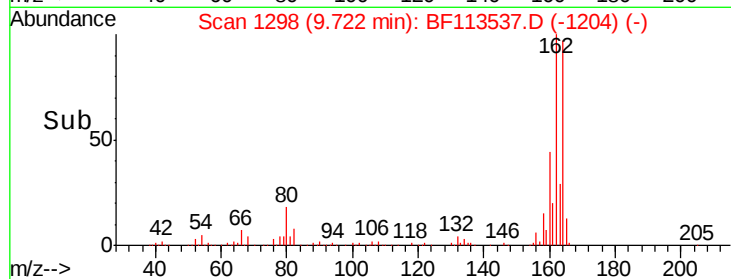
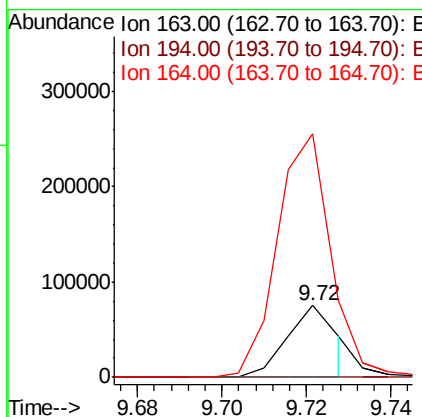
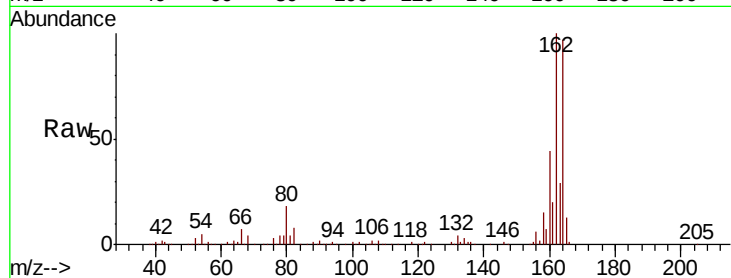




#50
 Dimethylphthalate
 Concen: 3.620 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.25 min
 Lab File: BF113537.D
 Acq: 3 Apr 2019 7:45

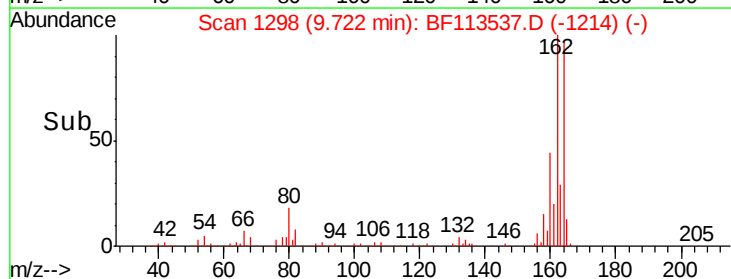
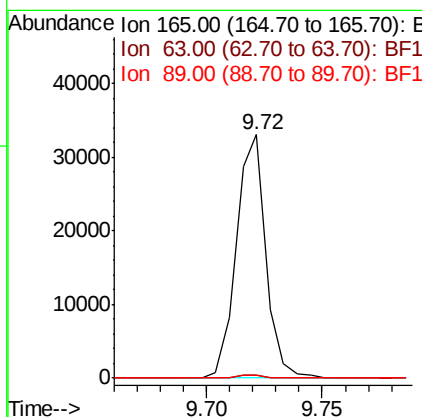
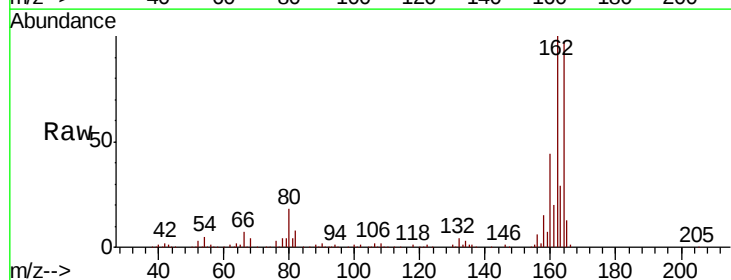
Instrument :
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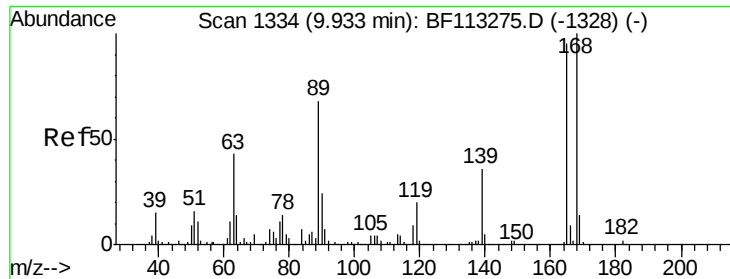
Tgt Ion	Resp	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	339.5	8.1	12.1#



#51
 2,6-Dinitrotoluene
 Concen: 7.617 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.19 min
 Lab File: BF113537.D
 Acq: 3 Apr 2019 7:45

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.4	43.1	64.7#

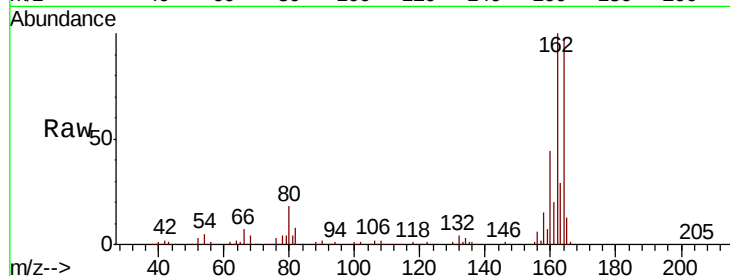




#57
 2,4-Dinitrotoluene
 Concen: 5.990 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF113537.D
 Acq: 3 Apr 2019 7:45

Instrument :
 BNA_F
 ClientSampled :
 CS-8

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	37.5	56.3#
89	1.4	57.4	86.2#
182	0.0	2.0	3.0#



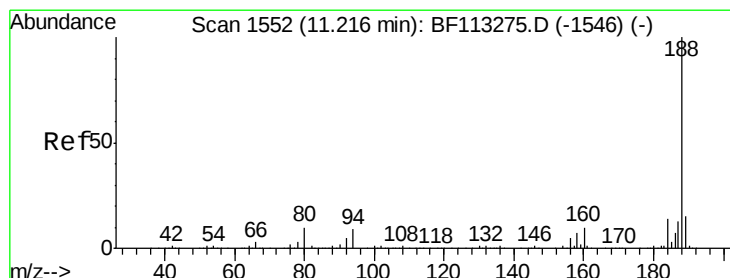
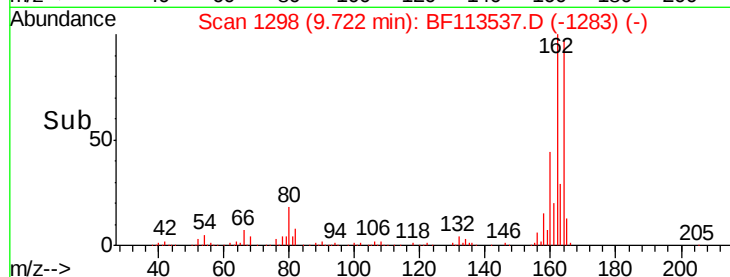
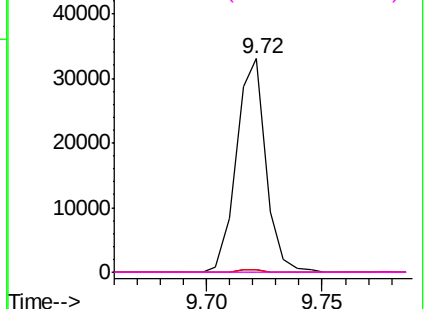
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

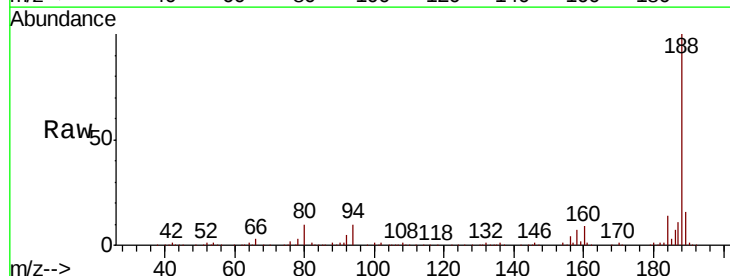
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF113537.D
 Acq: 3 Apr 2019 7:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.6
80	9.9	7.7	11.5

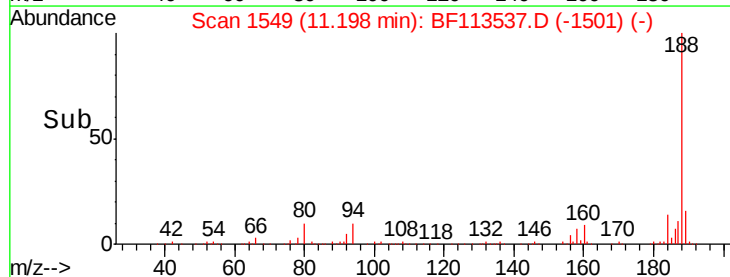
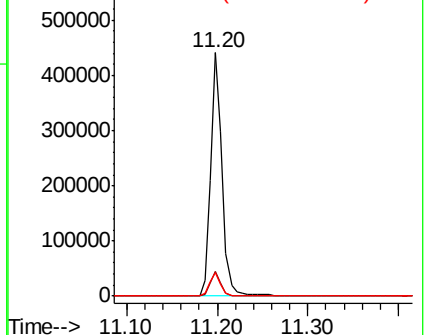


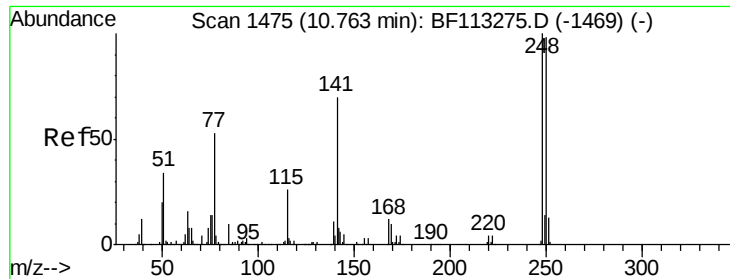
Abundance

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

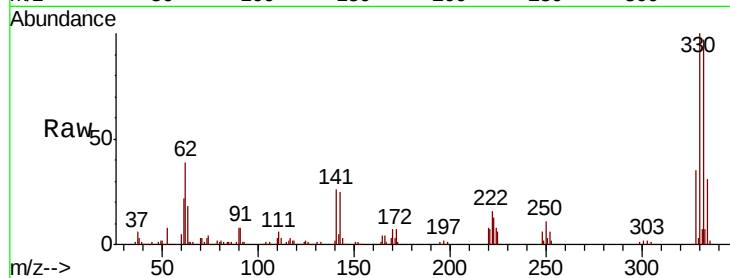




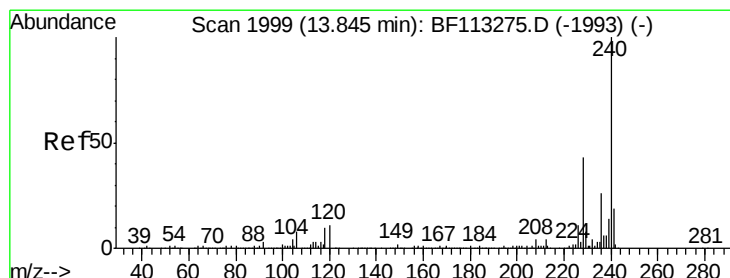
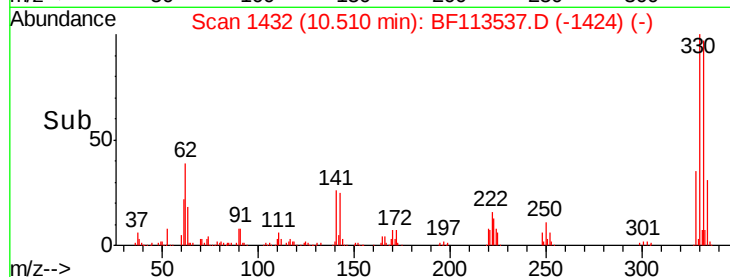
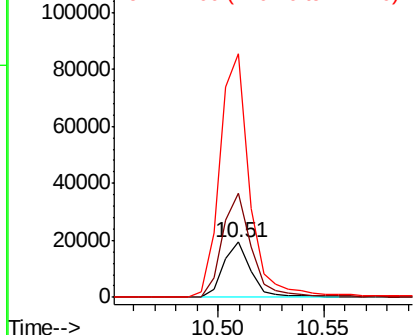
#67
 4-Bromophenyl-phenylether
 Concen: 4.118 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF113537.D
 Acq: 3 Apr 2019 7:45

Instrument :
 BNA_F
 ClientSampled :
 CS-8

Tgt Ion:248 Resp: 17618
 Ion Ratio Lower Upper
 248 100
 250 188.0 78.3 117.5#
 141 440.0 56.2 84.4#

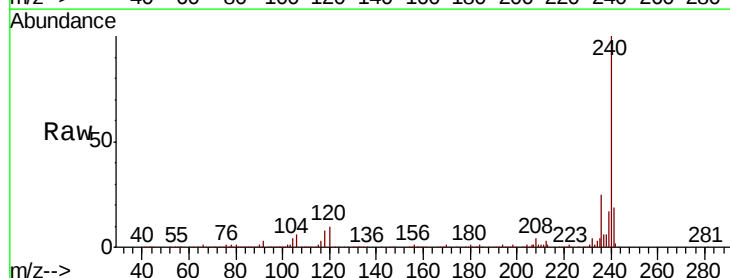


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

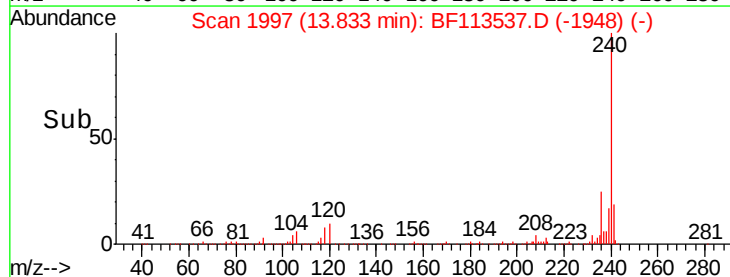
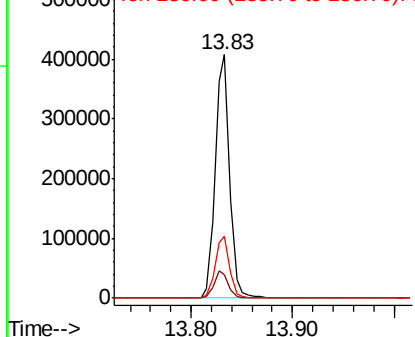


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113537.D
 Acq: 3 Apr 2019 7:45

Tgt Ion:240 Resp: 401089
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.8 13.2
 236 25.4 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: 74.101 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF113537.D

Acq: 3 Apr 2019 7:45

Instrument :

BNA_F

ClientSampleId :

CS-8

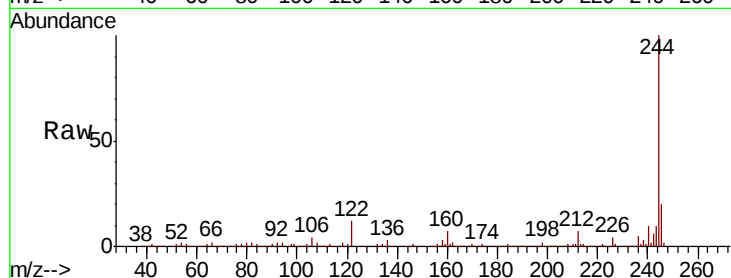
Tgt Ion:244 Resp: 1348404

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

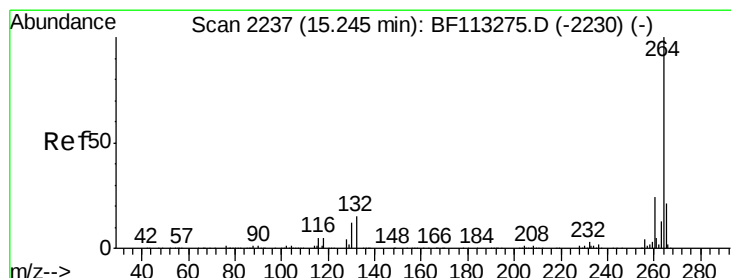
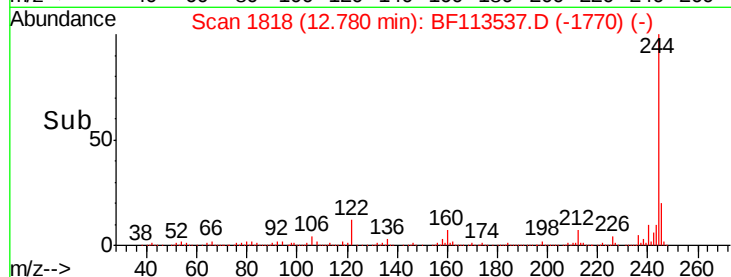
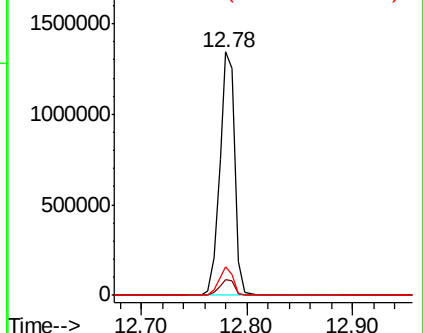
122 11.7 8.6 13.0



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: BF113537.D

Acq: 3 Apr 2019 7:45

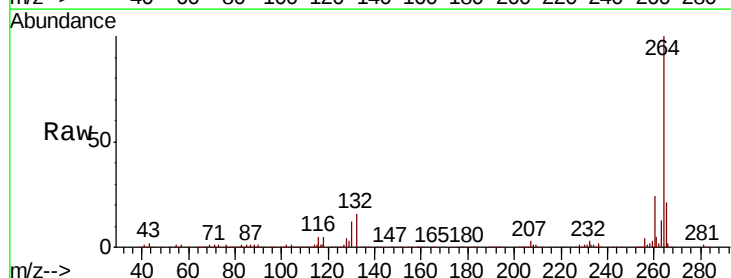
Tgt Ion:264 Resp: 293603

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.2 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

