

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113502.D
 Acq On : 2 Apr 2019 13:34
 Operator : JU/SJ
 Sample : K2040-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)

Quant Time: Apr 03 01:09:38 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

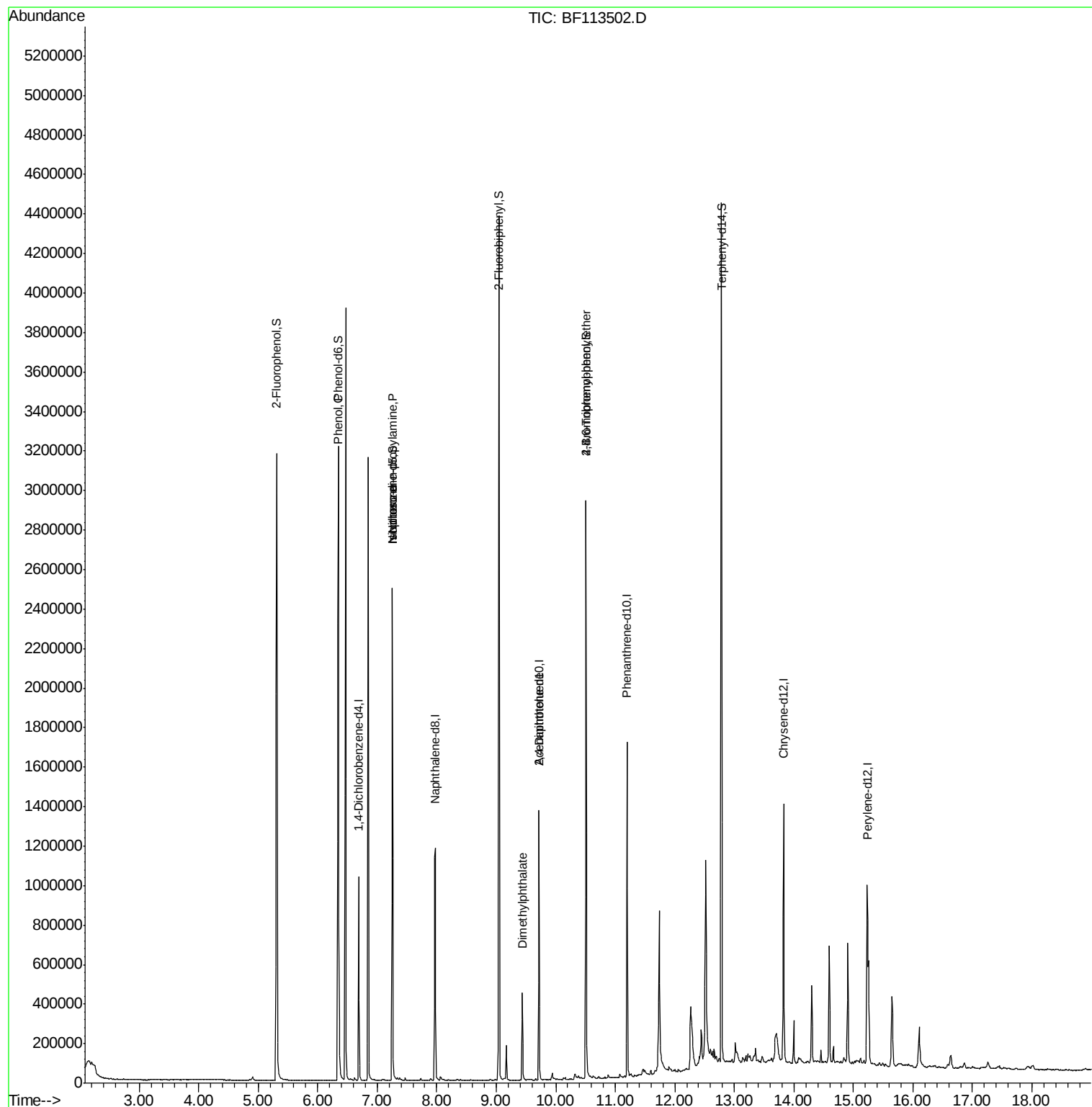
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	155904	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	578466	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	286466	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	592463	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	474575	20.00	ng	-0.02
87) Perylene-d12	15.23	264	395057	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1046171	109.72	ng	0.00
7) Phenol-d6	6.35	99	1378804	114.31	ng	-0.01
23) Nitrobenzene-d5	7.26	82	832941	85.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	405082	114.48	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1554597	85.07	ng	-0.02
79) Terphenyl-d14	12.79	244	1737148	80.68	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	102551	7.447	ng	# 70
19) n-Nitroso-di-n-propylamine	7.26	70	108093	14.267	ng	# 76
25) Isophorone	7.26	82	824884	43.674	ng	# 64
50) Dimethylphthalate	9.44	163	175898	8.286	ng	99
57) 2,4-Dinitrotoluene	9.72	165	36684	6.023	ng	# 23
67) 4-Bromophenyl-phenylether	10.51	248	22577	3.496	ng	# 1

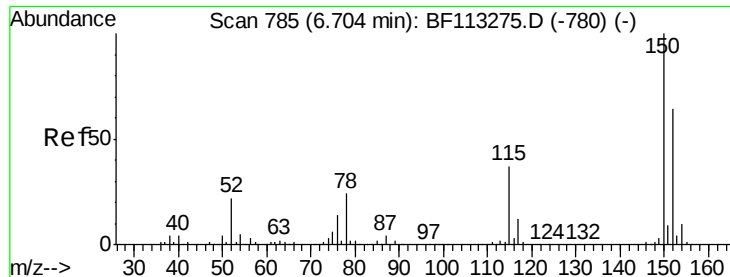
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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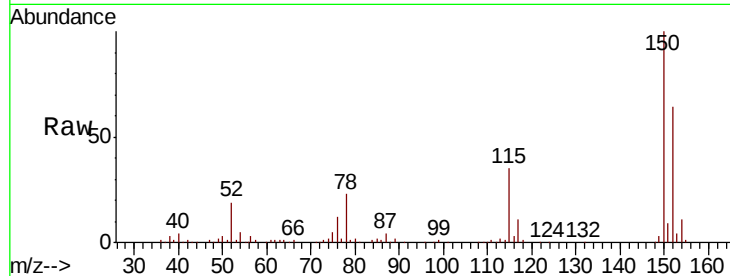


#1

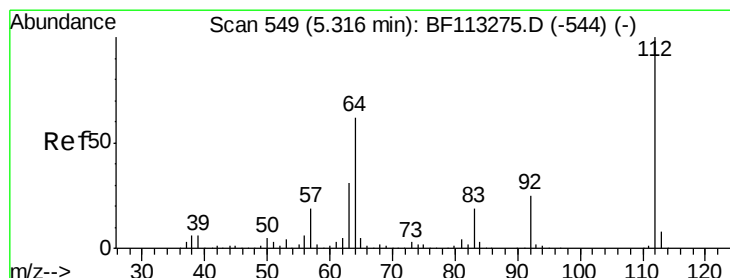
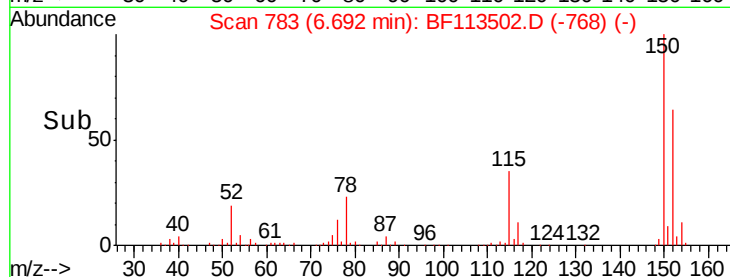
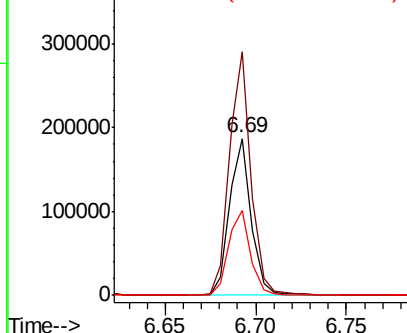
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)

Tgt Ion:152 Resp: 155904
Ion Ratio Lower Upper
152 100
150 155.1 124.7 187.1
115 54.1 46.0 69.0



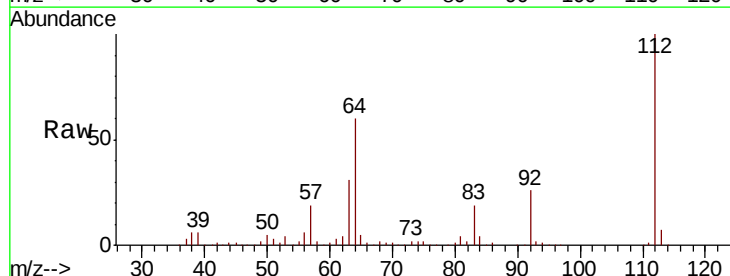
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



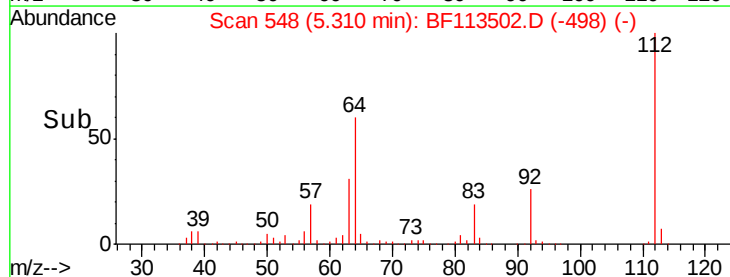
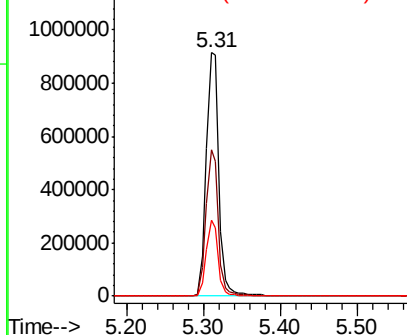
#5

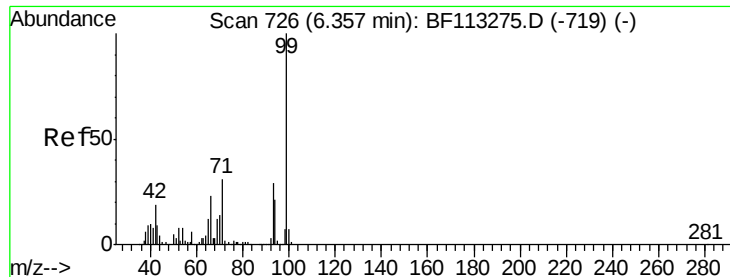
2-Fluorophenol
Concen: 109.722 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Tgt Ion:112 Resp: 1046171
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 31.0 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: 114.310 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113502.D

Acq: 2 Apr 2019 13:34

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)

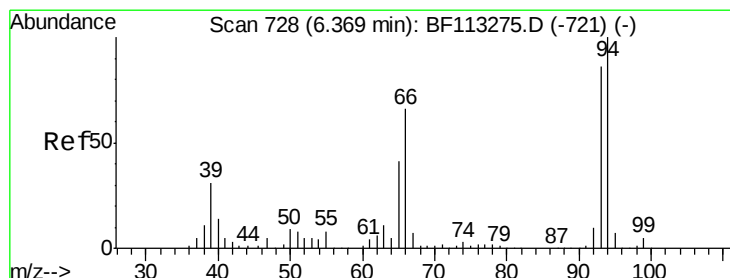
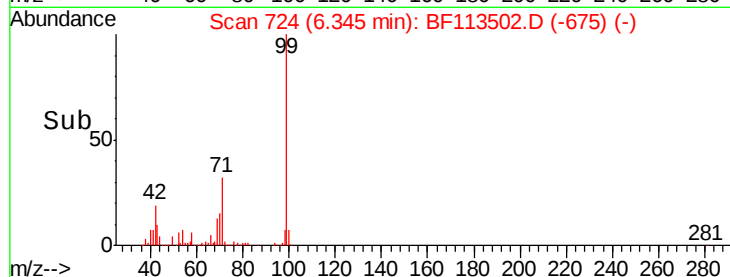
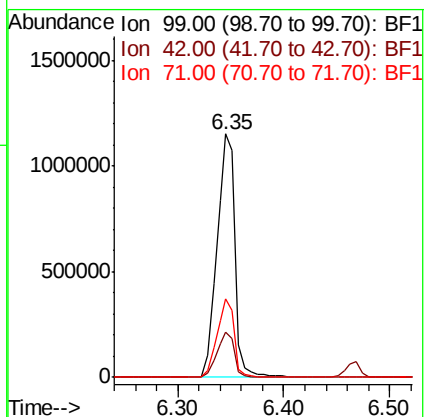
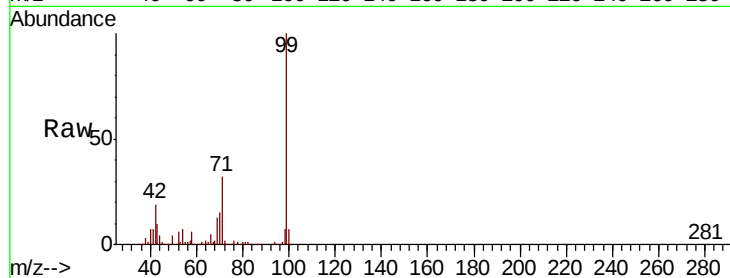
Tgt Ion: 99 Resp: 1378804

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

71 32.3 24.9 37.3



#10

Phenol

Concen: 7.447 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113502.D

Acq: 2 Apr 2019 13:34

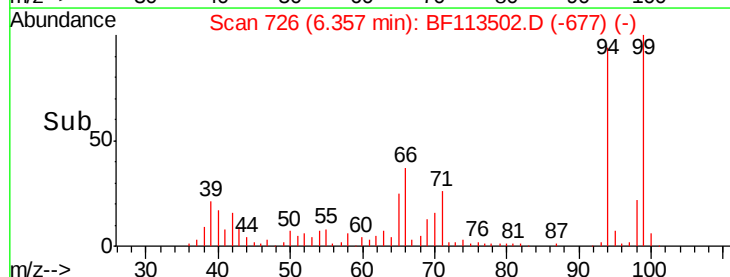
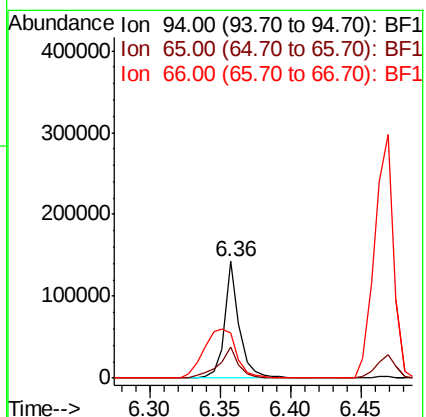
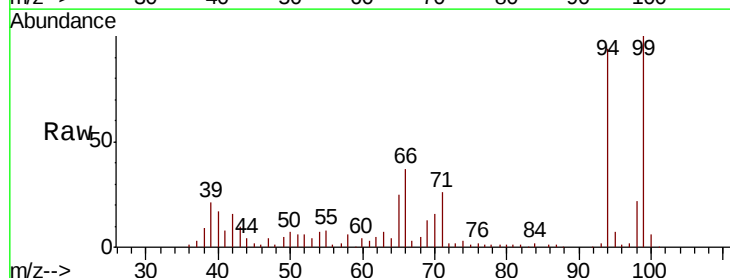
Tgt Ion: 94 Resp: 102551

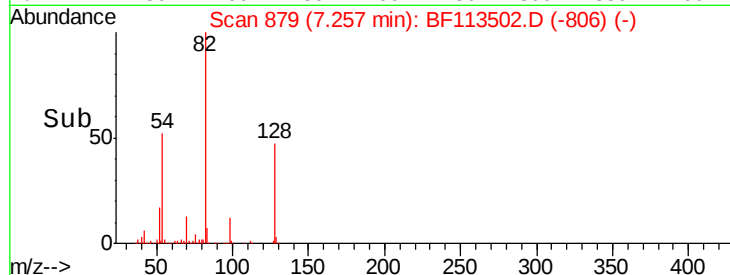
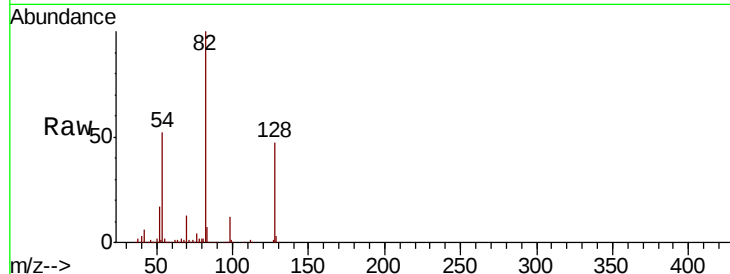
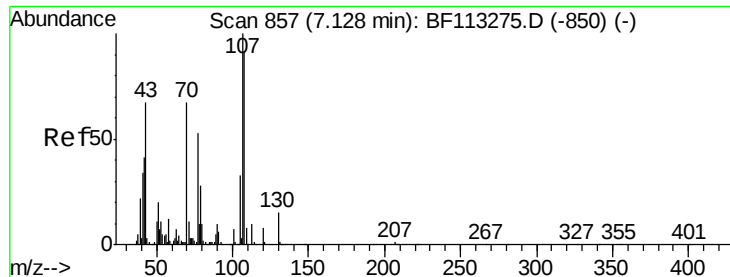
Ion Ratio Lower Upper

94 100

65 26.8 21.4 61.4

66 38.7 46.4 86.4#

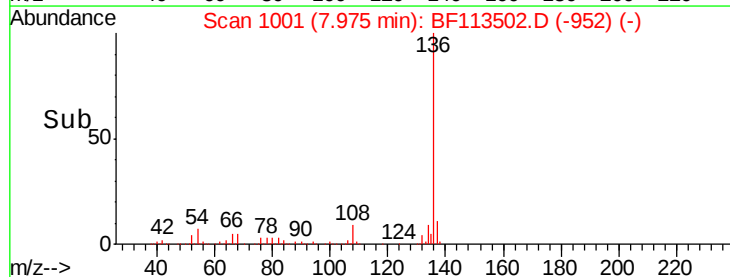
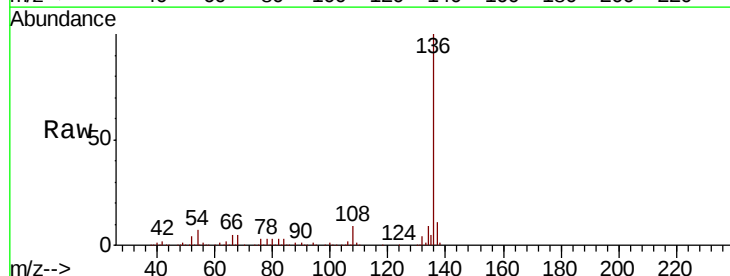
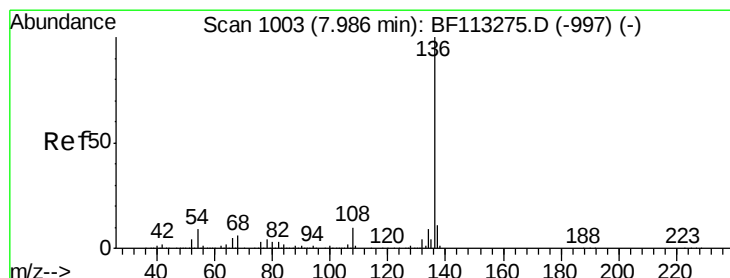
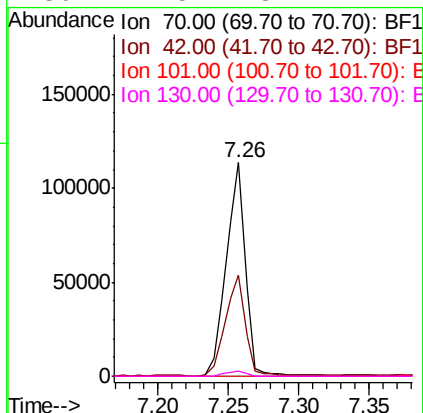




#19
n-Nitroso-di-n-propylamine
Concen: 14.267 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

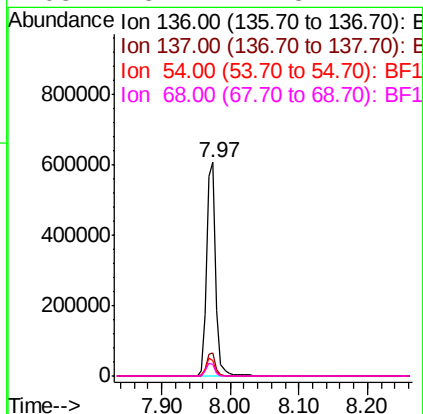
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)

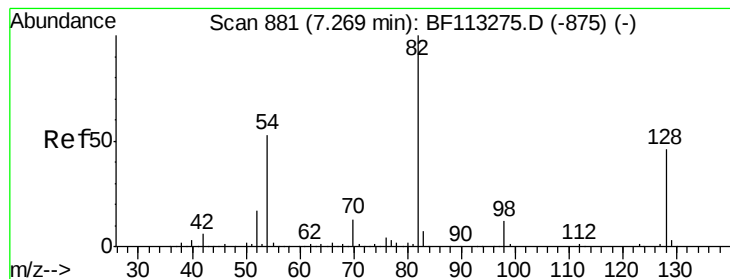
Tgt Ion:	70	Resp:	108093
Ion	Ratio	Lower	Upper
70	100		
42	47.6	48.4	72.6#
101	0.0	7.8	11.8#
130	2.5	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Tgt Ion:	136	Resp:	578466
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	7.0	10.6
68	5.4	4.8	7.2





#23

Nitrobenzene-d5

Concen: 85.465 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF113502.D

Acq: 2 Apr 2019 13:34

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)

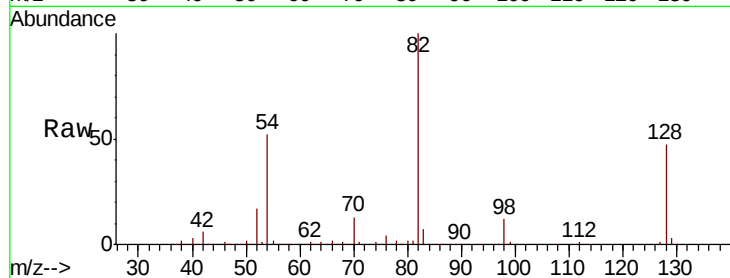
Tgt Ion: 82 Resp: 832941

Ion Ratio Lower Upper

82 100

128 47.0 36.5 54.7

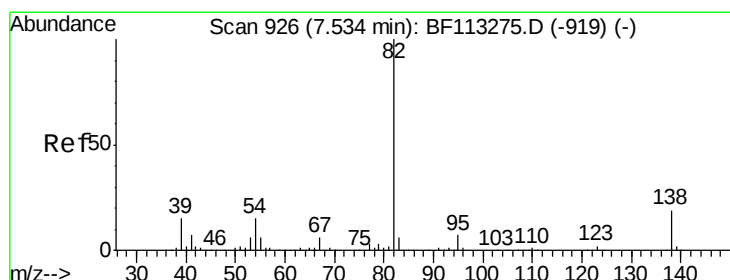
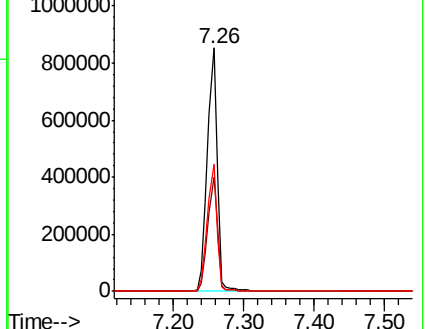
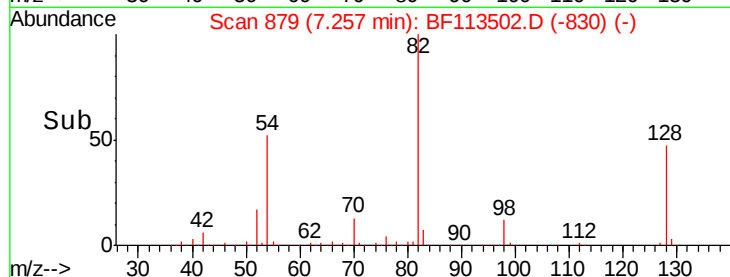
54 52.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 43.674 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF113502.D

Acq: 2 Apr 2019 13:34

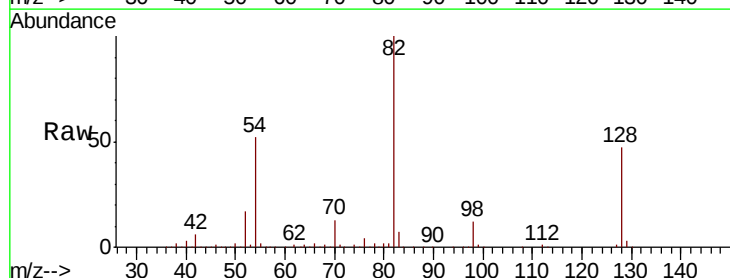
Tgt Ion: 82 Resp: 824884

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

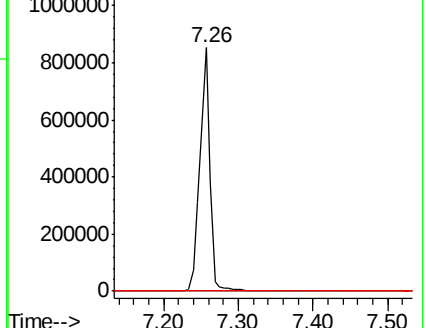
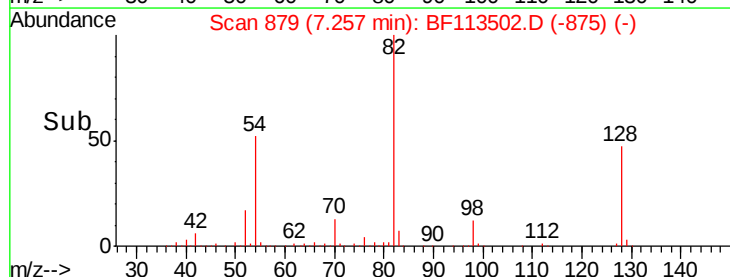
138 0.0 15.2 22.8#

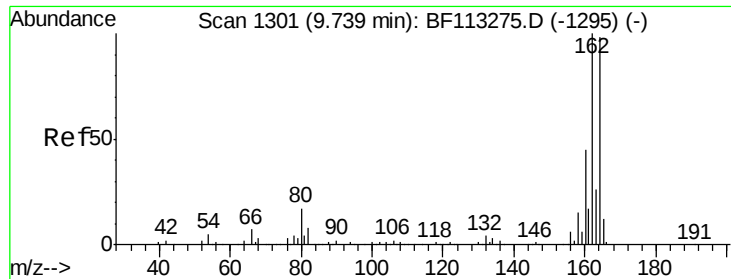


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

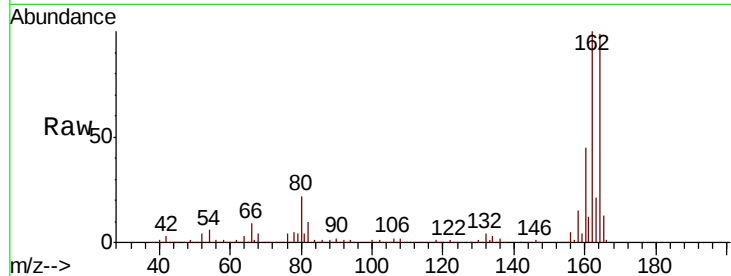




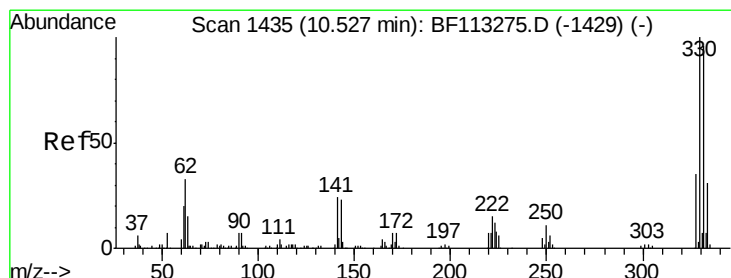
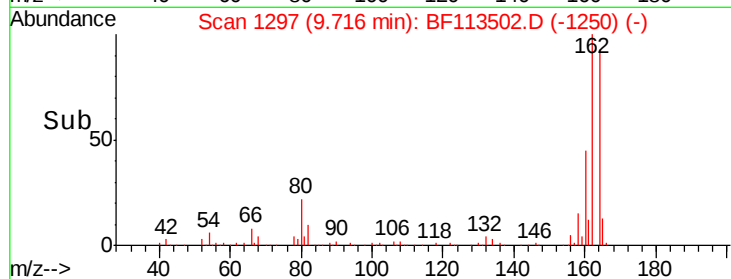
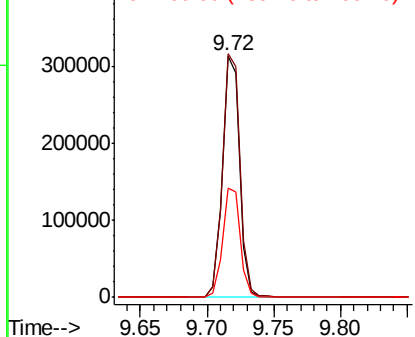
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	45.0	36.4	54.6

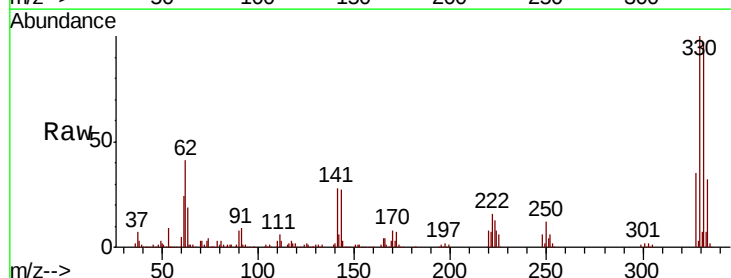


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

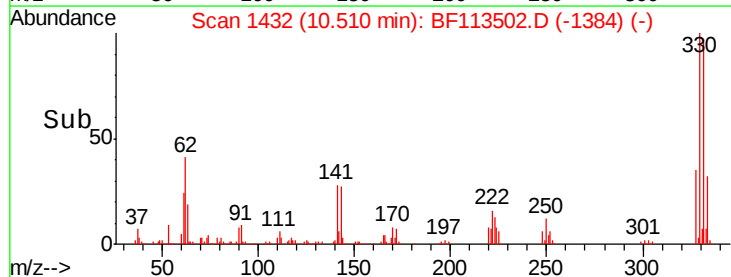
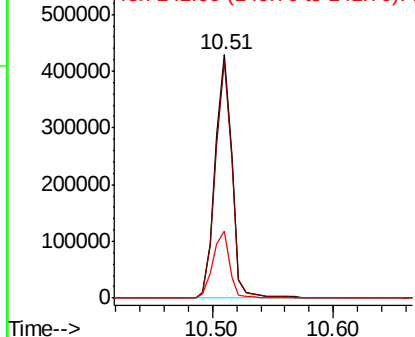


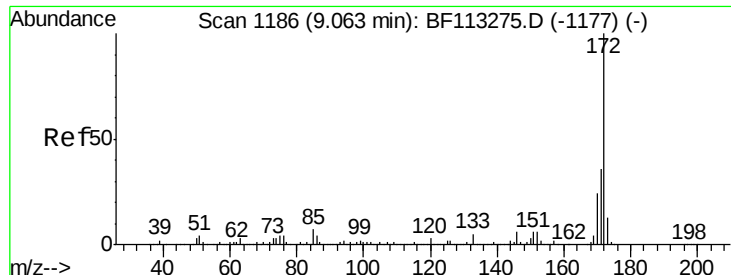
#42
2,4,6-Tribromophenol
Concen: 114.478 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.8	116.6
141	27.7	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

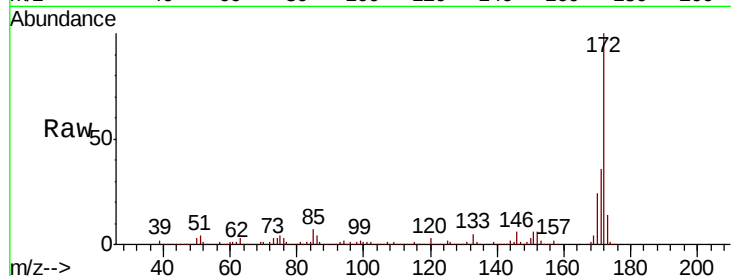




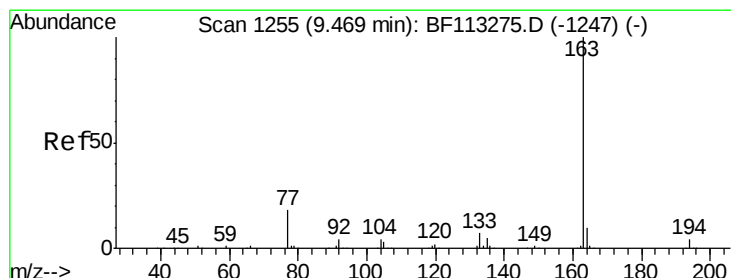
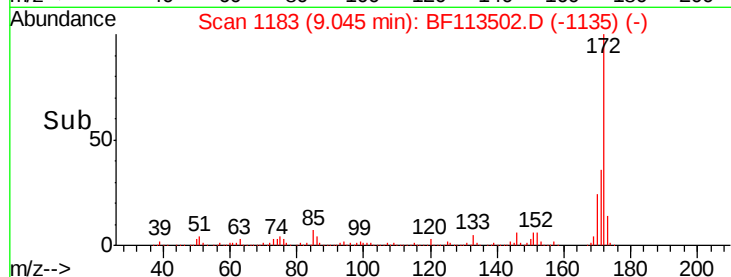
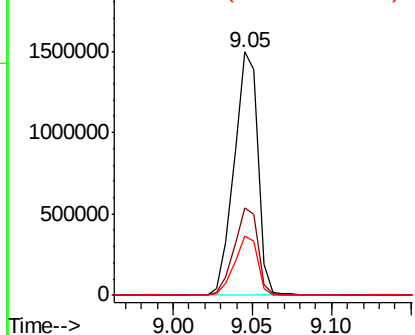
#45
2-Fluorobiphenyl
Concen: 85.073 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)

Tgt Ion:172 Resp: 1554597
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.3 19.5 29.3

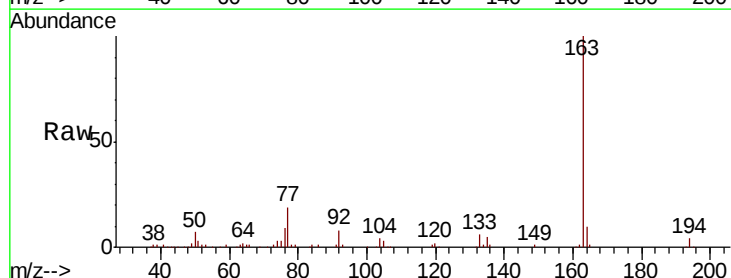


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

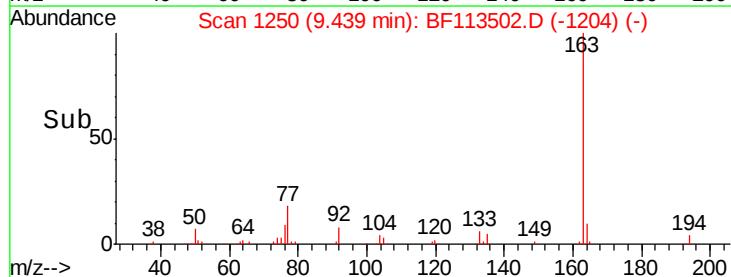
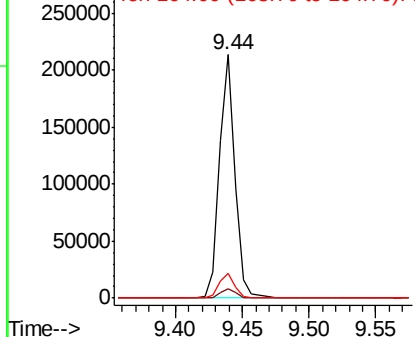


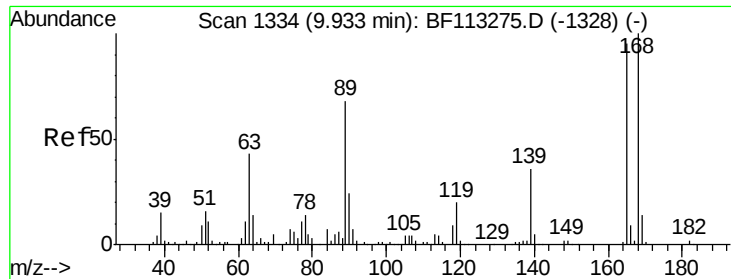
#50
Dimethylphthalate
Concen: 8.286 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Tgt Ion:163 Resp: 175898
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
250000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

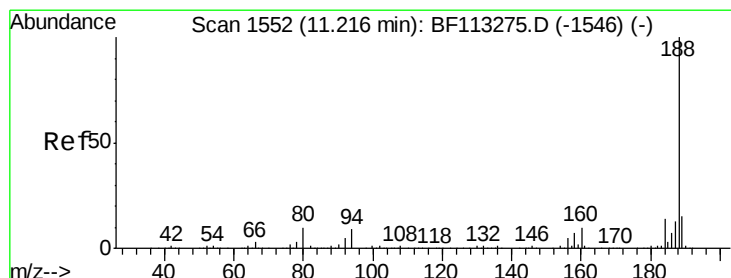
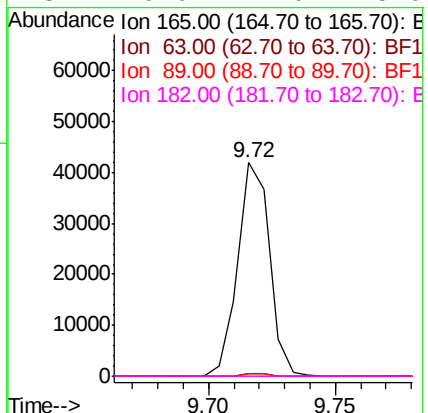
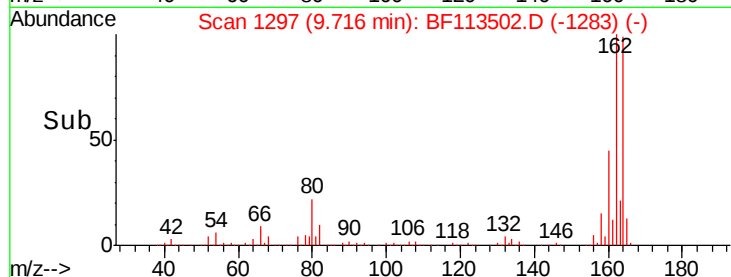
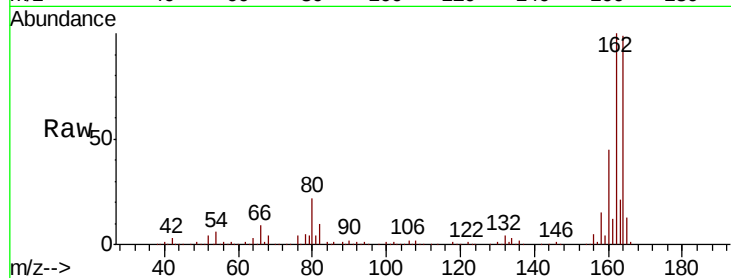




#57
 2,4-Dinitrotoluene
 Concen: 6.023 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF113502.D
 Acq: 2 Apr 2019 13:34

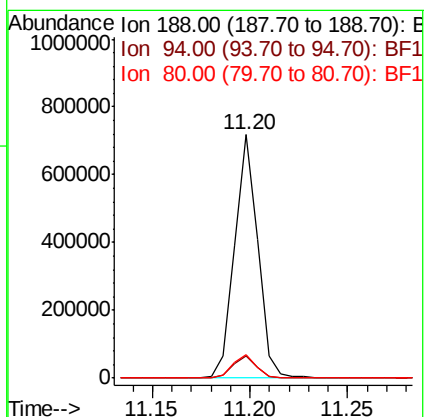
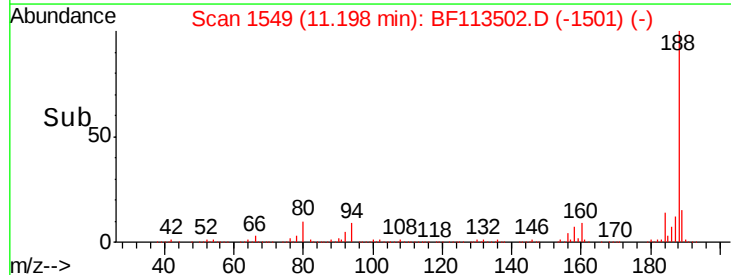
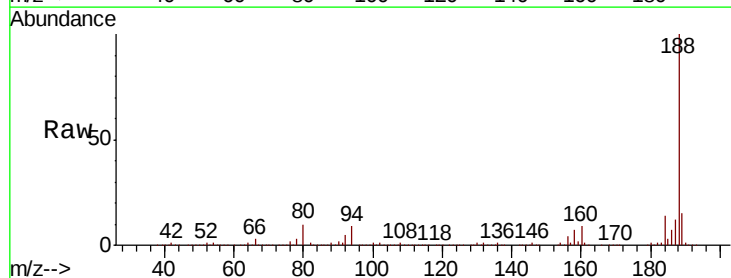
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)

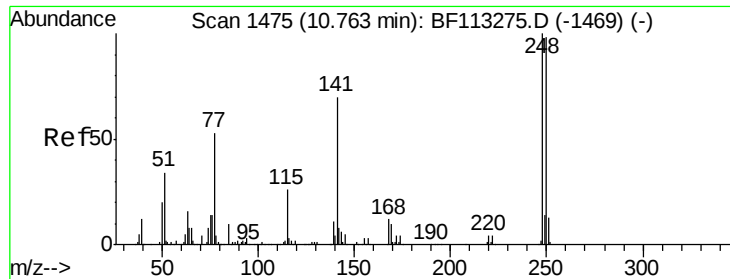
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.2	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF113502.D
 Acq: 2 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	9.6	7.7	11.5

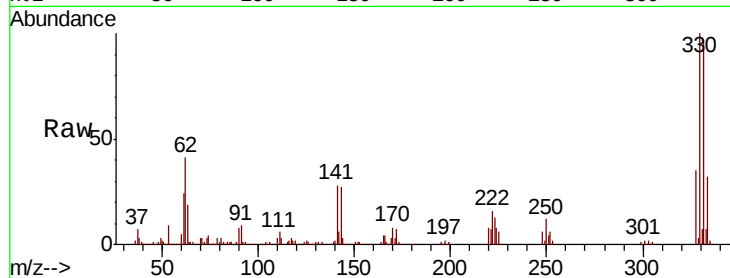




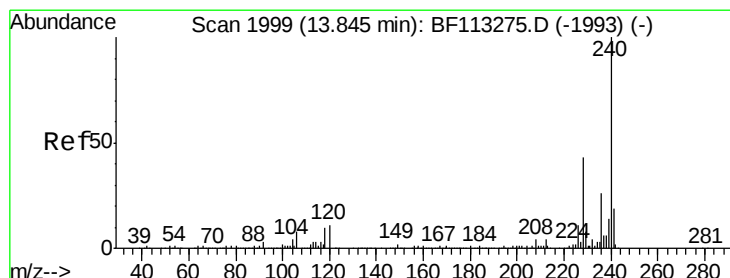
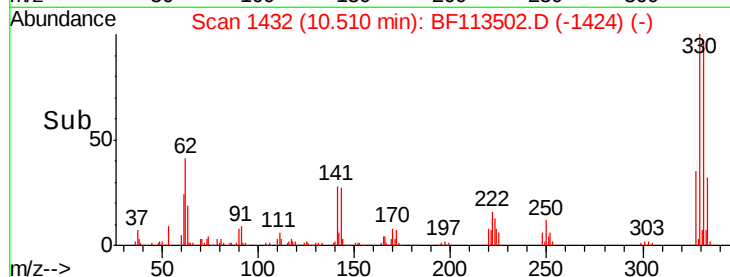
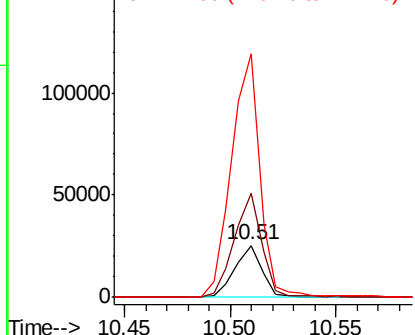
#67
 4-Bromophenyl-phenylether
 Concen: 3.496 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF113502.D
 Acq: 2 Apr 2019 13:34

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)

Tgt Ion:248 Resp: 22577
 Ion Ratio Lower Upper
 248 100
 250 202.2 78.3 117.5#
 141 471.9 56.2 84.4#

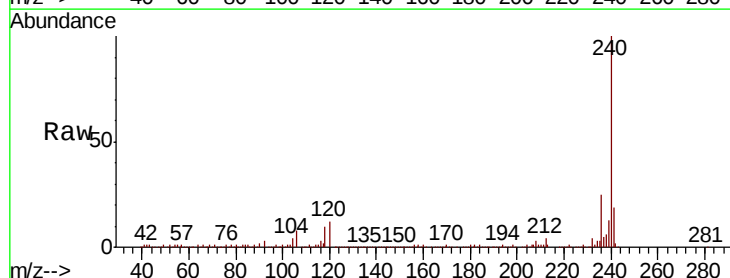


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

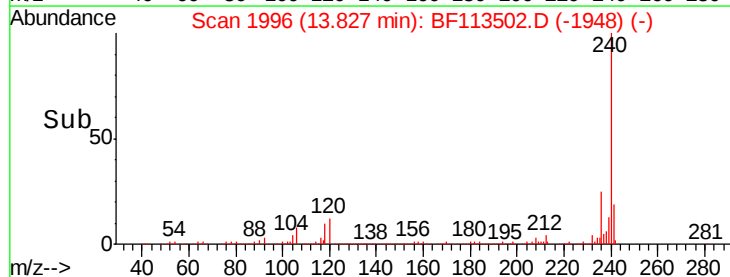
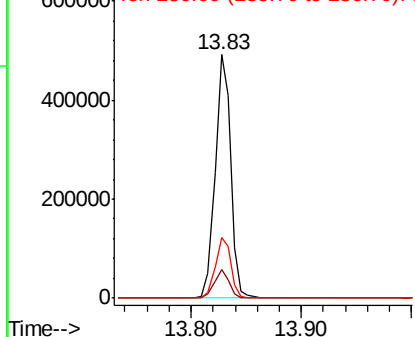


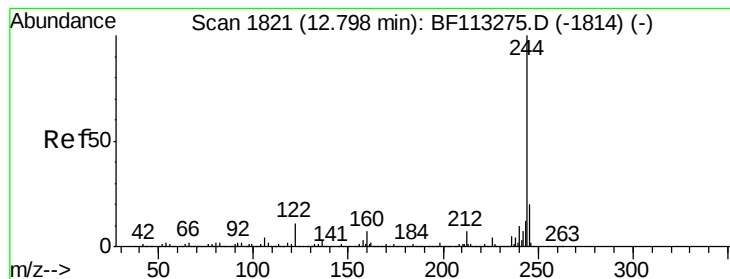
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113502.D
 Acq: 2 Apr 2019 13:34

Tgt Ion:240 Resp: 474575
 Ion Ratio Lower Upper
 240 100
 120 12.0 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: 80.682 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113502.D

Acq: 2 Apr 2019 13:34

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)

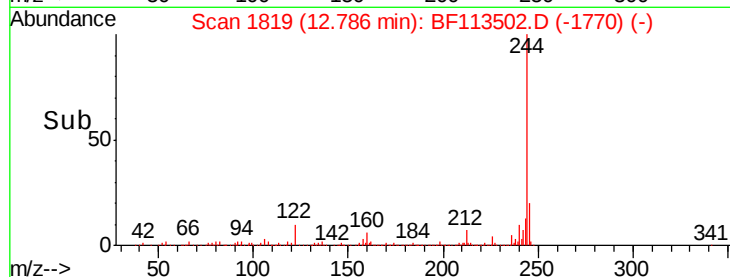
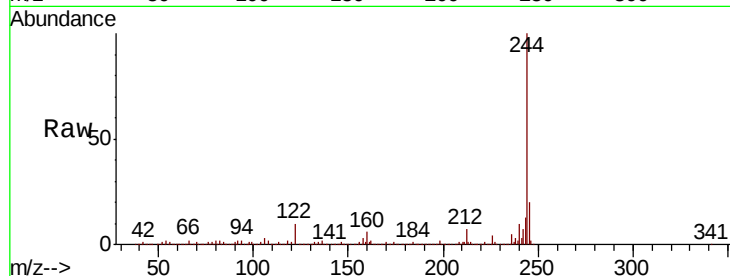
Tgt Ion:244 Resp: 1737148

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

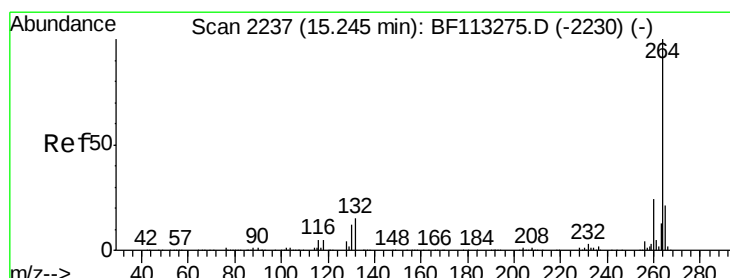
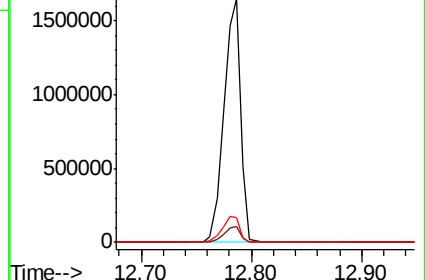
122 10.3 8.6 13.0



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113502.D

Acq: 2 Apr 2019 13:34

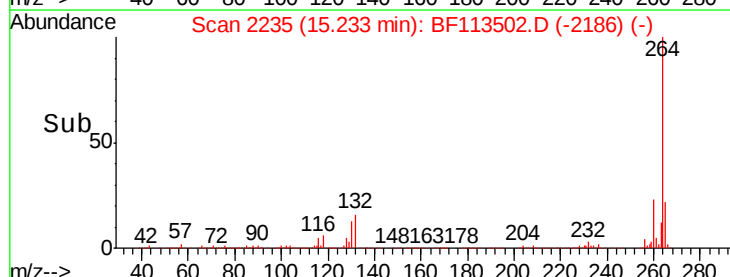
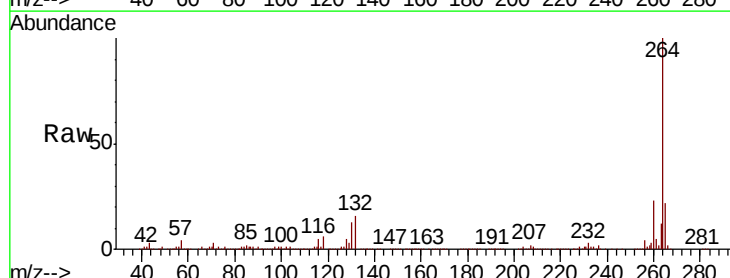
Tgt Ion:264 Resp: 395057

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.6 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

