

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113692.D
 Acq On : 10 Apr 2019 10:00
 Operator : JU/SJ
 Sample : K2332-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 11:39:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

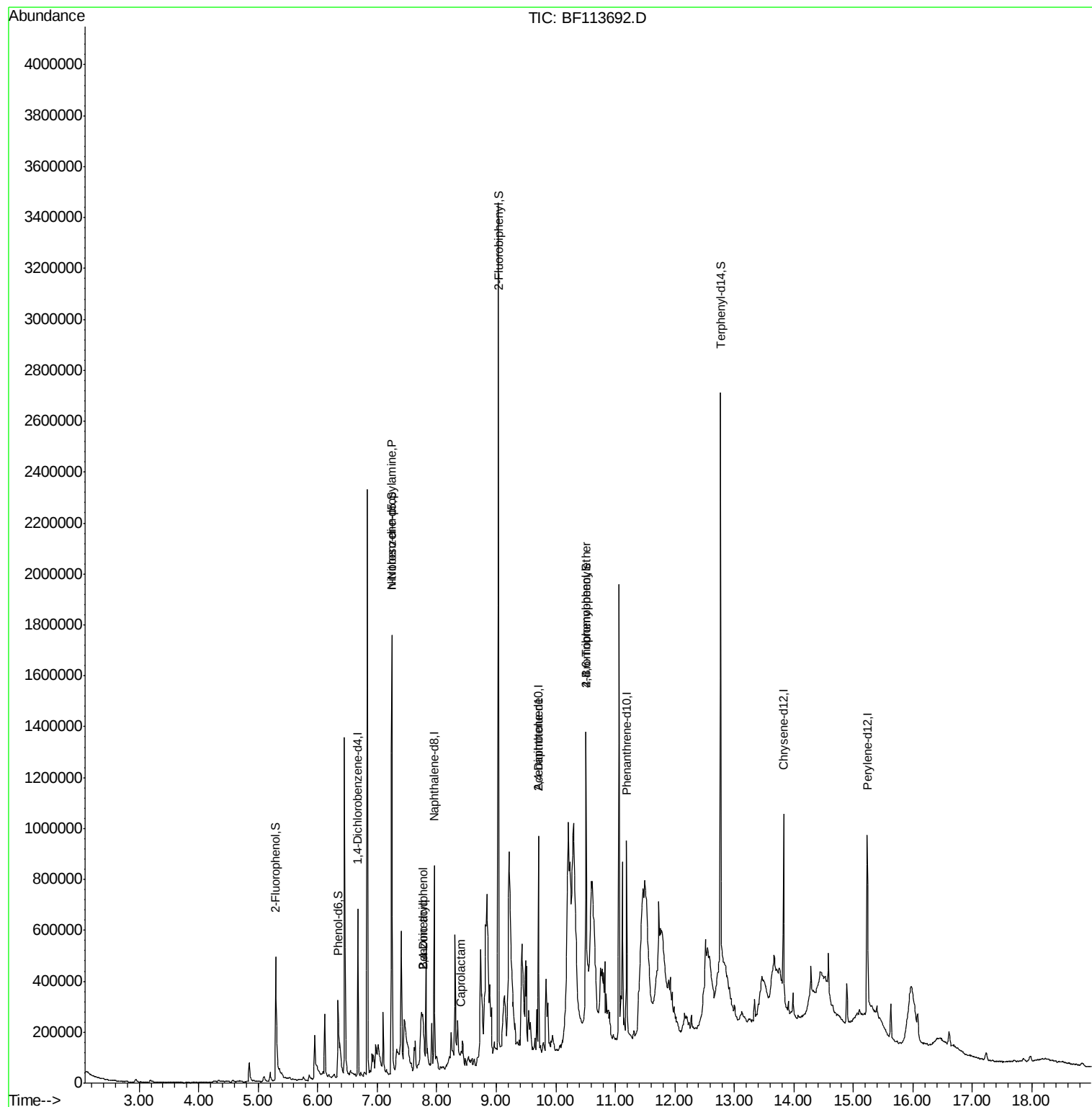
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	101254	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	369280	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	167726	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	287593	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	278696	20.00	ng	-0.02
87) Perylene-d12	15.23	264	277126	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	250064	42.11	ng	0.00
7) Phenol-d6	6.35	99	209903	28.68	ng	0.00
23) Nitrobenzene-d5	7.25	82	545166	86.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	159484	79.16	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1017178	97.63	ng	-0.02
79) Terphenyl-d14	12.77	244	804110	58.74	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	72649	16.098	ng	# 76
27) 2,4-Dimethylphenol	7.77	122	19299	3.863	ng	# 5
32) Benzoic acid	7.77	122	19299	4.989	ng	# 94
35) Caprolactam	8.42	113	8920	5.257	ng	# 53
57) 2,4-Dinitrotoluene	9.71	165	21522	6.530	ng	# 26
67) 4-Bromophenyl-phenylether	10.51	248	8694	2.695	ng	# 1

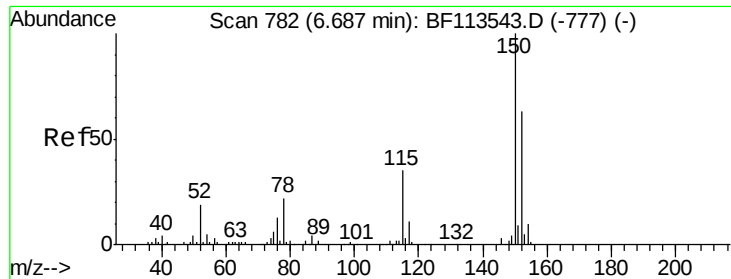
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
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Sample : K2332-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 10 11:39:17 2019
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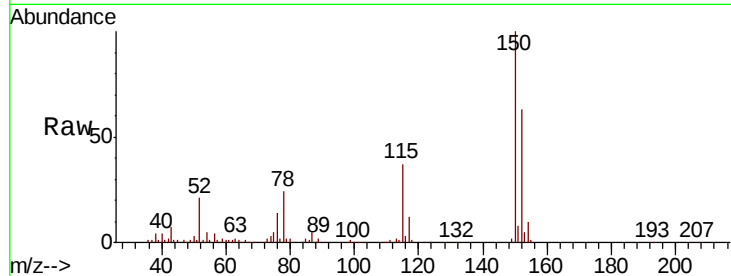


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113692.D
Acq: 10 Apr 2019 10:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.7	187.1
115	59.6	46.0	69.0

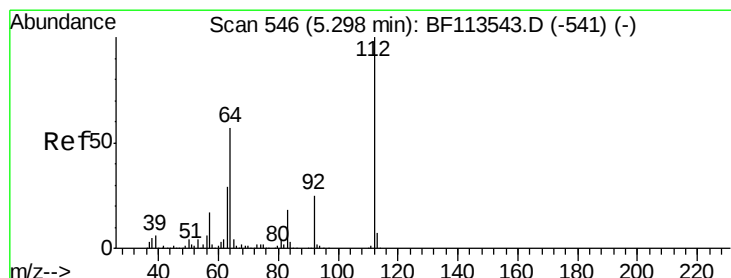
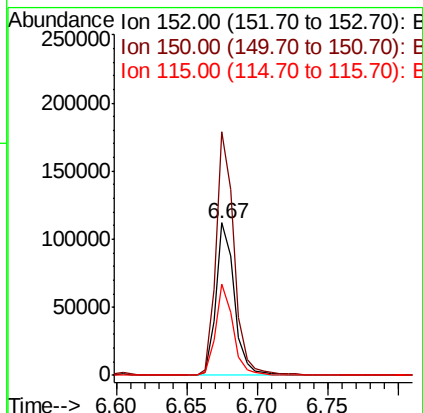
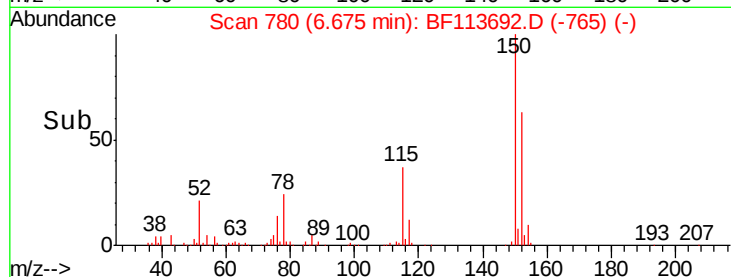


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

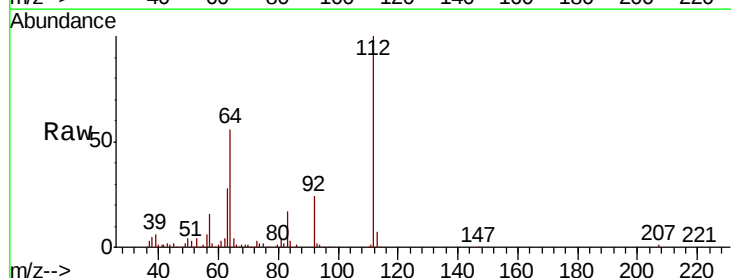
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.114 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113692.D
Acq: 10 Apr 2019 10:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	49.2	73.8
63	28.2	24.9	37.3

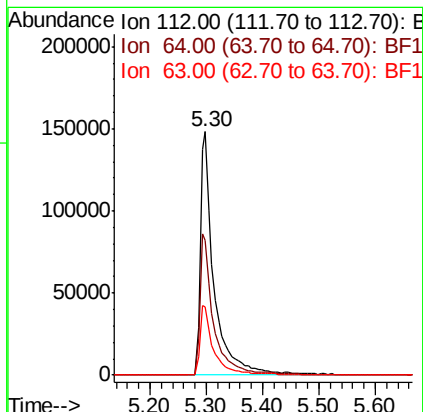
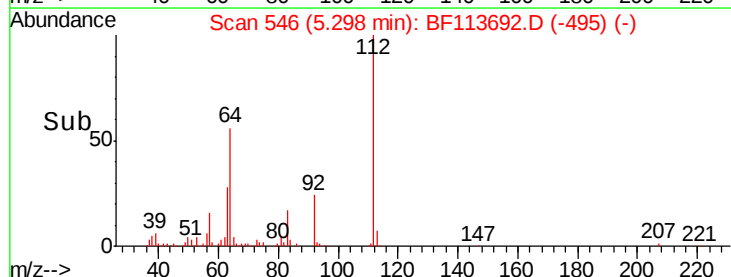


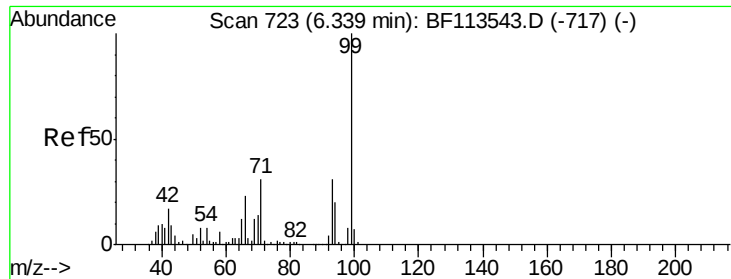
Abundance

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: 28.681 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113692.D

Acq: 10 Apr 2019 10:00

Instrument :

BNA_F

ClientSampled :

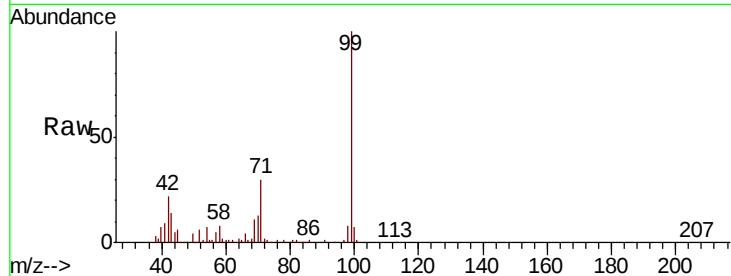
Tot Ion: 99 Resp: 209903

Ion Ratio Lower Upper

99 100

42 21.8 14.8 22.2

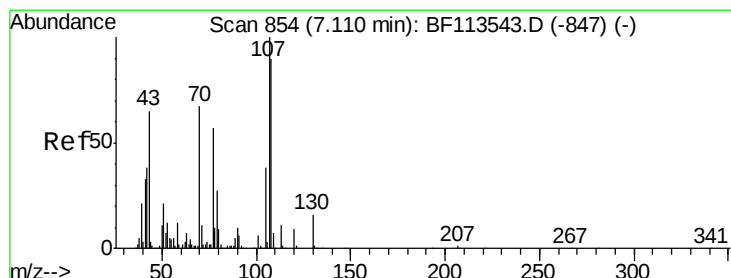
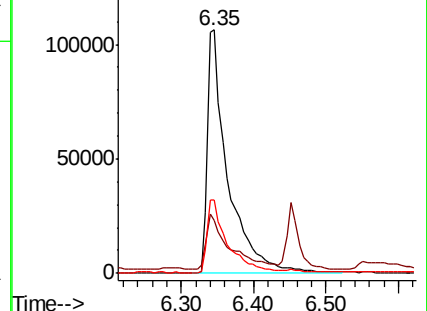
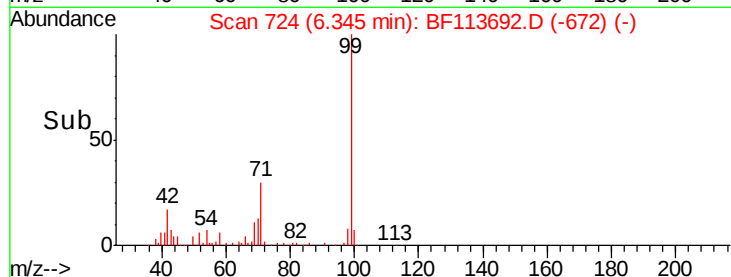
71 30.3 24.9 37.3



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: 16.098 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113692.D

Acq: 10 Apr 2019 10:00

Tgt Ion: 70 Resp: 72649

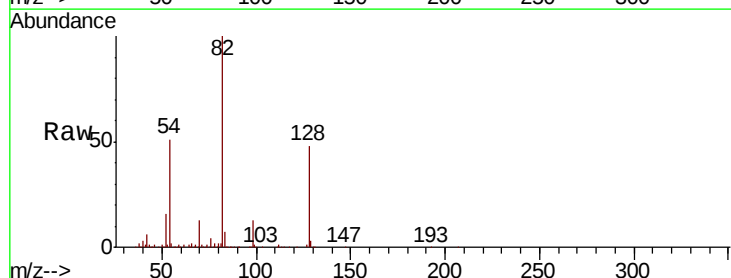
Ion Ratio Lower Upper

70 100

42 47.6 48.4 72.6#

101 0.0 7.8 11.8#

130 2.1 18.2 27.4#

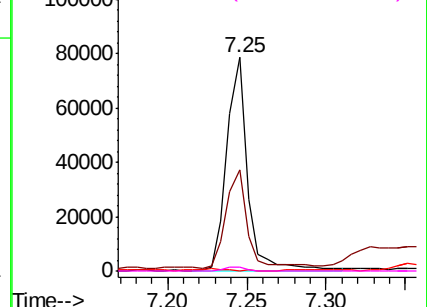
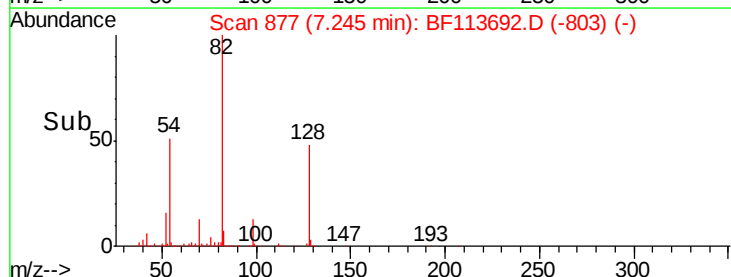


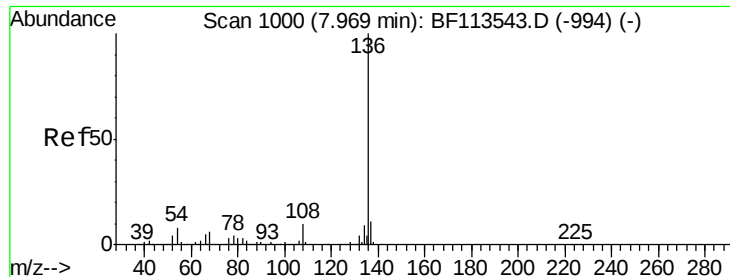
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113692.D

Acq: 10 Apr 2019 10:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 369280

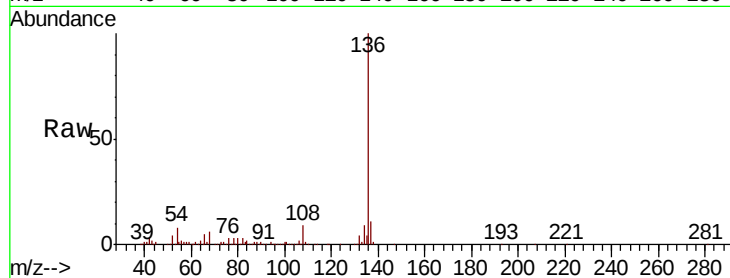
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.0 7.0 10.6

68 6.2 4.8 7.2

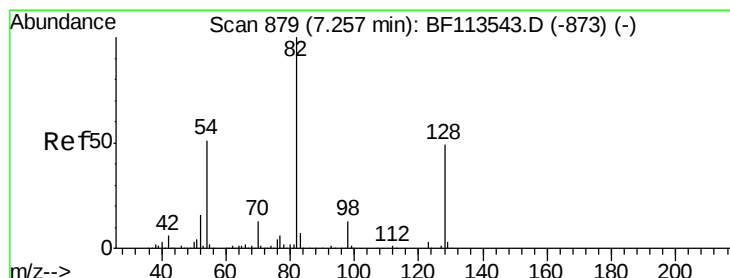
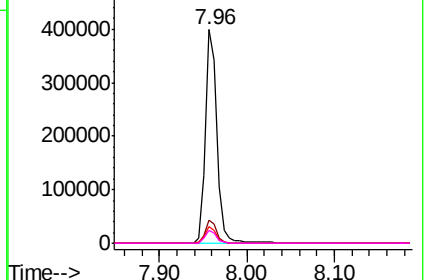
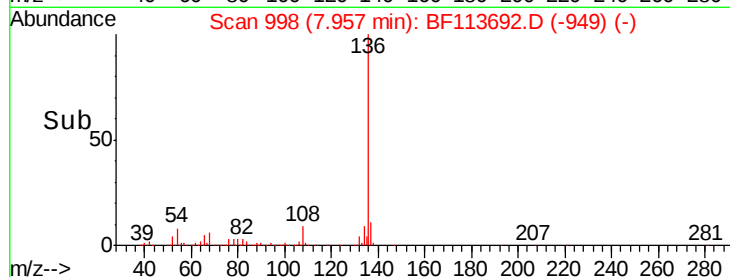


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.474 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113692.D

Acq: 10 Apr 2019 10:00

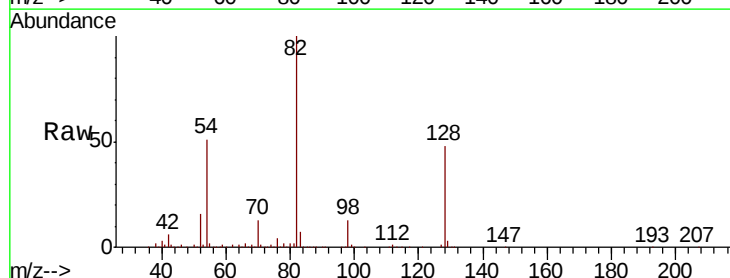
Tgt Ion: 82 Resp: 545166

Ion Ratio Lower Upper

82 100

128 48.2 36.5 54.7

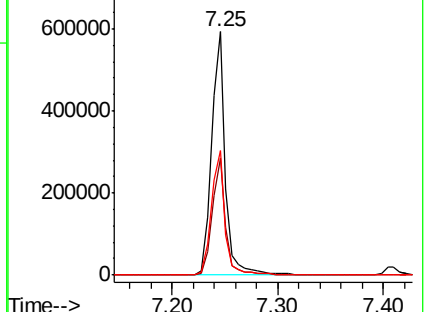
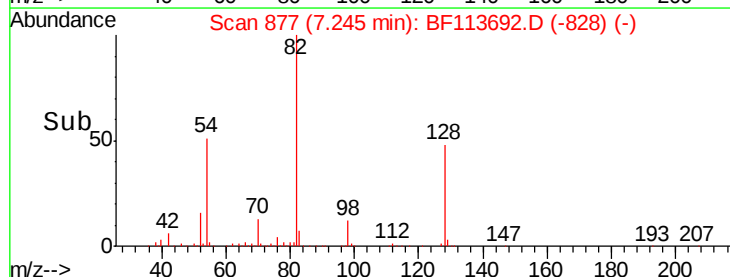
54 51.3 42.2 63.2

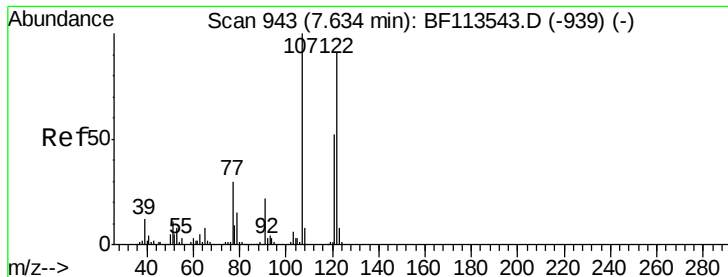


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#27

2,4-Dimethylphenol

Concen: 3.863 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.14 min

Lab File: BF113692.D

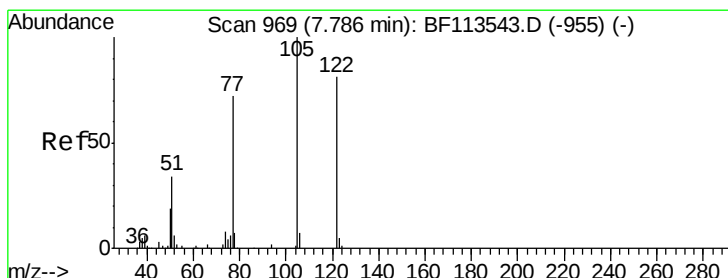
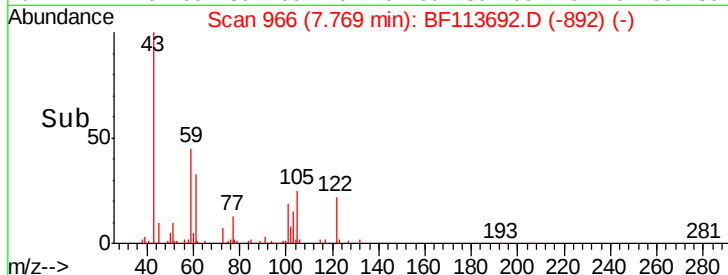
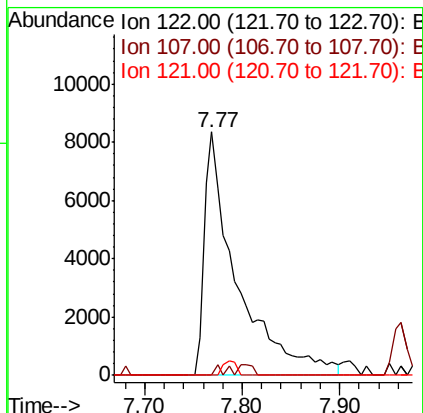
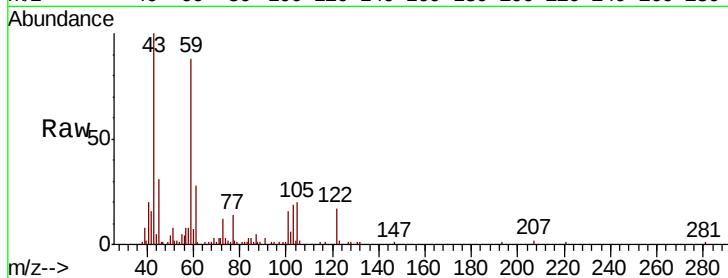
Acq: 10 Apr 2019 10:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:	122	Resp:	19299
Ion	Ratio	Lower	Upper
122	100		
107	0.0	88.8	133.2#
121	0.0	45.5	68.3#



#32

Benzoic acid

Concen: 4.989 ng

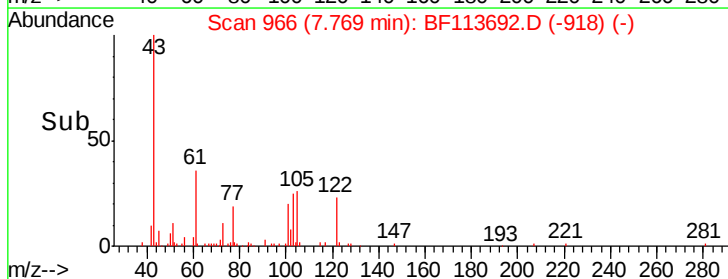
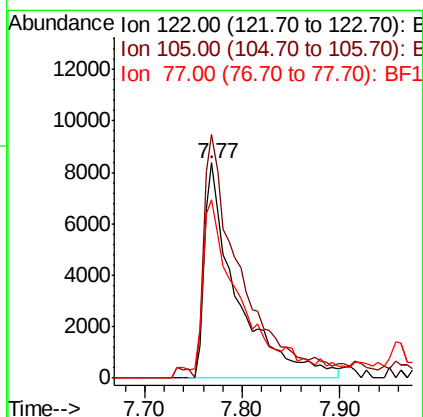
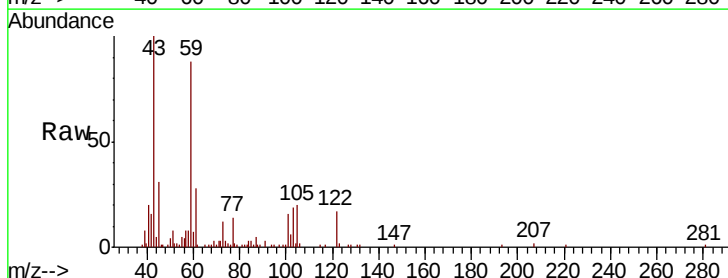
RT: 7.77 min Scan# 966

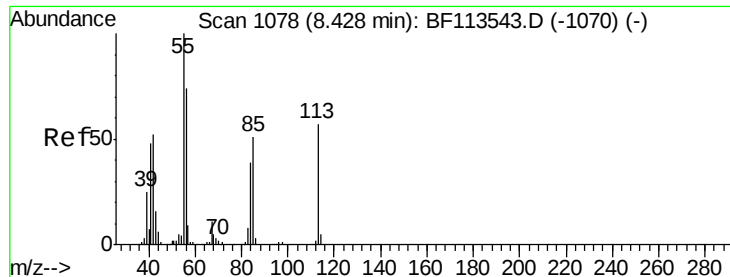
Delta R.T. -0.02 min

Lab File: BF113692.D

Acq: 10 Apr 2019 10:00

Tgt Ion:	122	Resp:	19299
Ion	Ratio	Lower	Upper
122	100		
105	113.3	100.4	140.4
77	83.2	69.0	109.0





#35

Caprolactam

Concen: 5.257 ng

RT: 8.42 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF113692.D

Acq: 10 Apr 2019 10:00

Instrument :

BNA_F

ClientSampled :

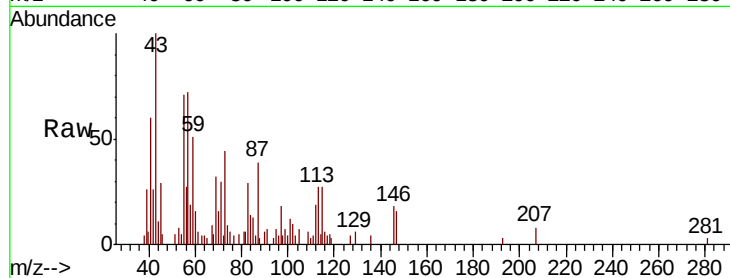
Tot Ion:113 Resp: 8920

Ion Ratio Lower Upper

113 100

55 257.7 152.7 192.7#

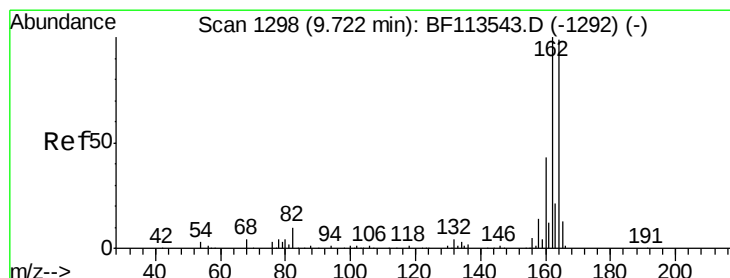
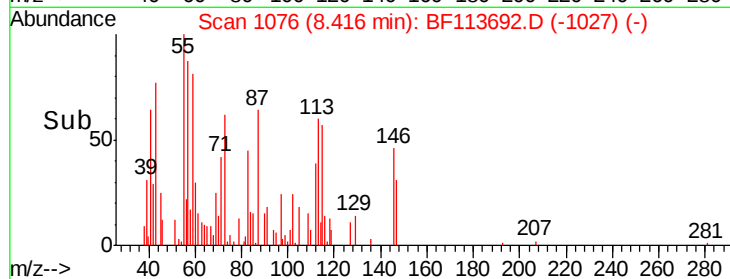
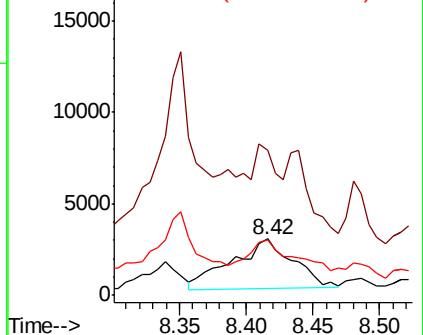
56 97.4 108.3 148.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113692.D

Acq: 10 Apr 2019 10:00

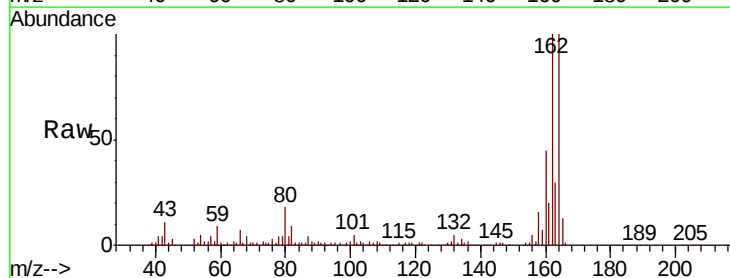
Tgt Ion:164 Resp: 167726

Ion Ratio Lower Upper

164 100

162 99.7 81.8 122.6

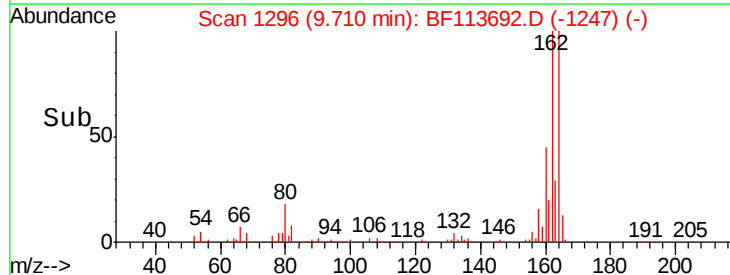
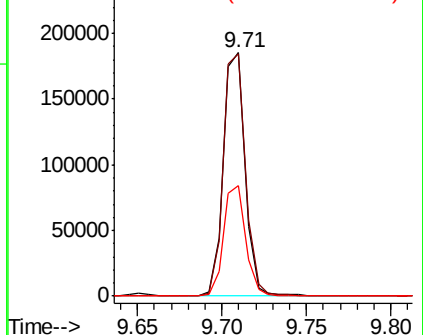
160 45.4 36.4 54.6

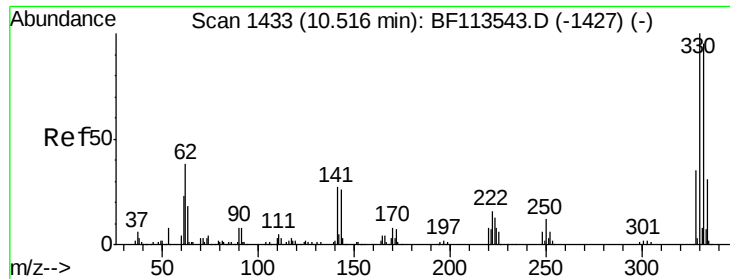


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

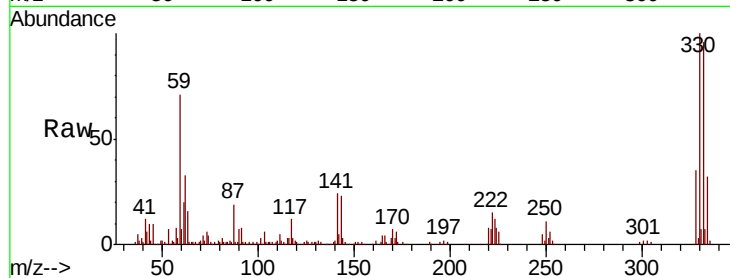




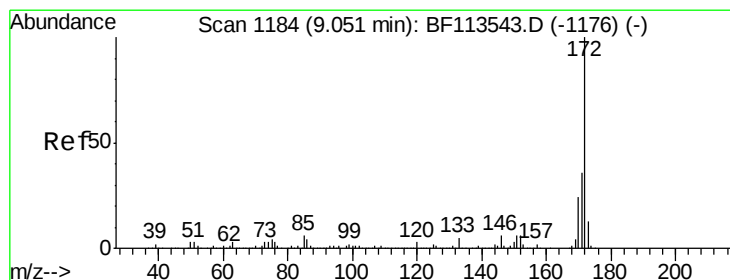
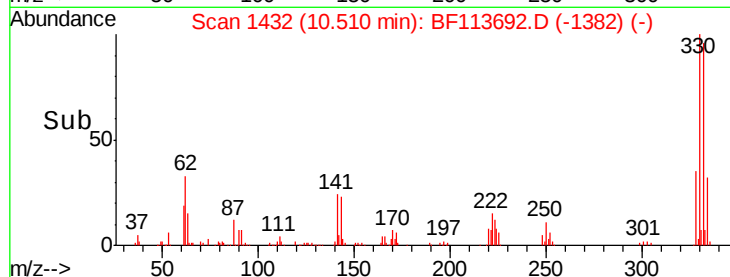
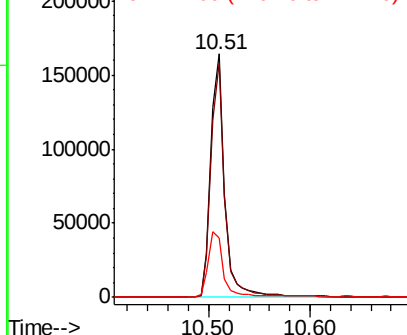
#42
 2,4,6-Tribromophenol
 Concen: 79.156 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113692.D
 Acq: 10 Apr 2019 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 159484
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.8 116.6
 141 27.7 22.7 34.1

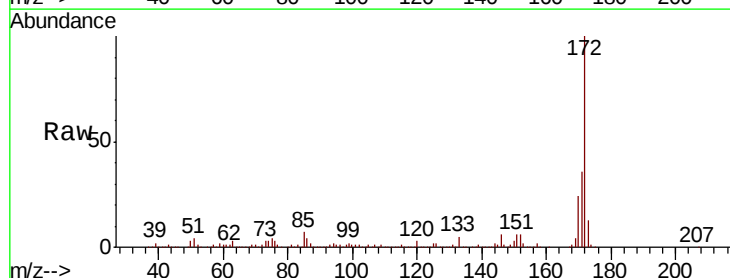


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

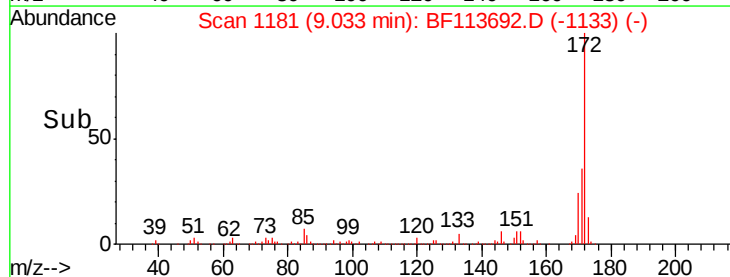
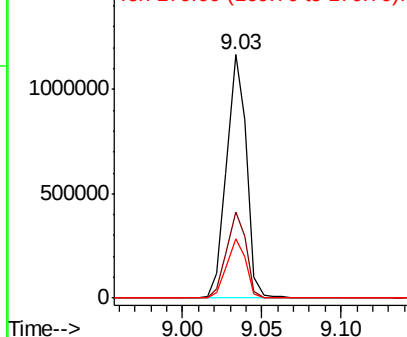


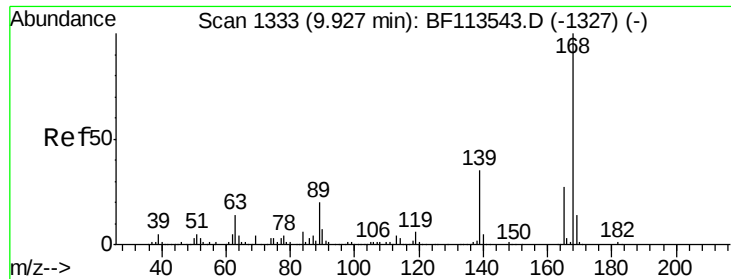
#45
 2-Fluorobiphenyl
 Concen: 97.632 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113692.D
 Acq: 10 Apr 2019 10:00

Tgt Ion:172 Resp: 1017178
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 24.1 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

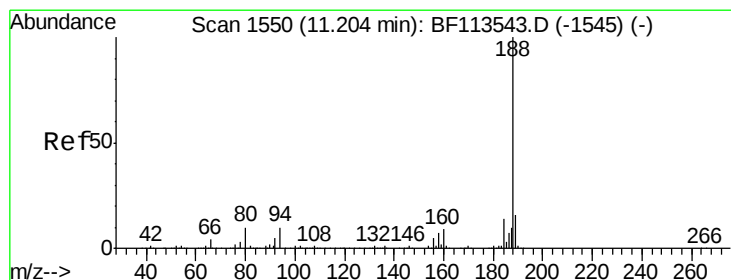
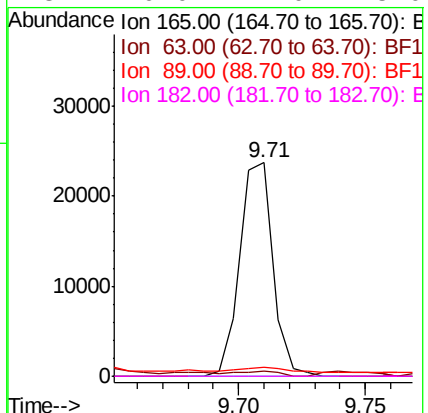
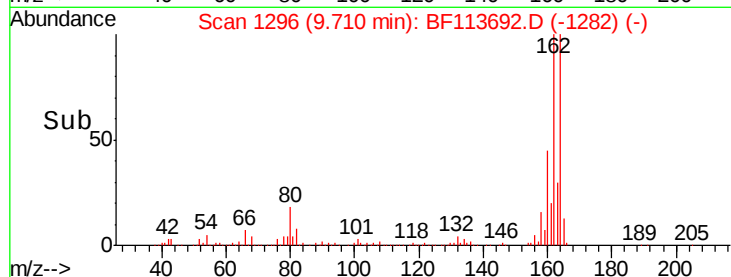
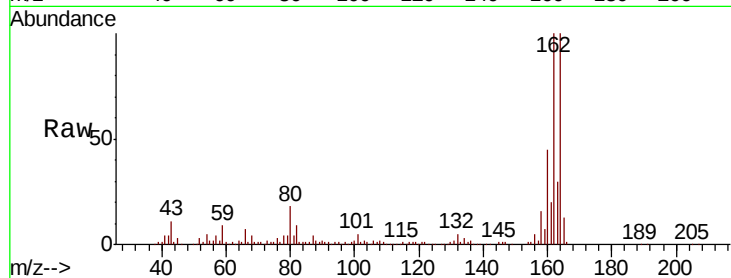




#57
 2,4-Dinitrotoluene
 Concen: 6.530 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113692.D
 Acq: 10 Apr 2019 10:00

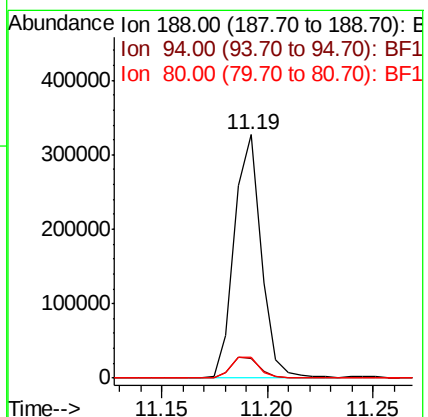
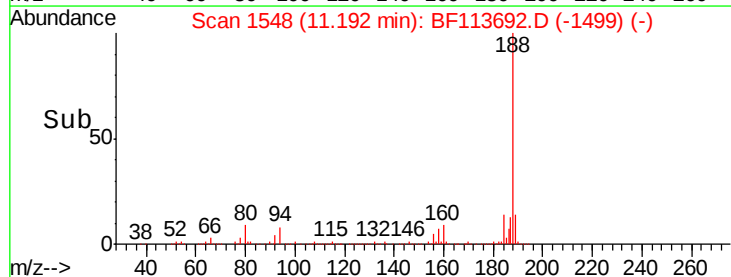
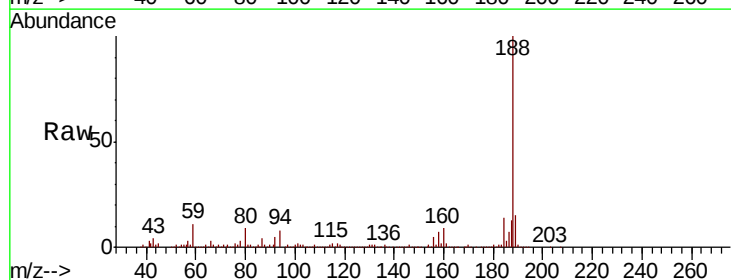
Instrument :
 BNA_F
 ClientSampleId :

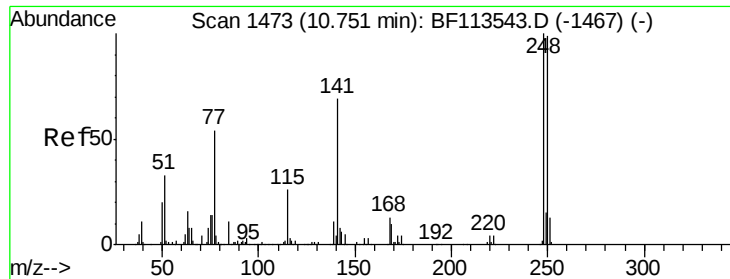
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	37.5	56.3#
89	4.0	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113692.D
 Acq: 10 Apr 2019 10:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	8.5	7.7	11.5

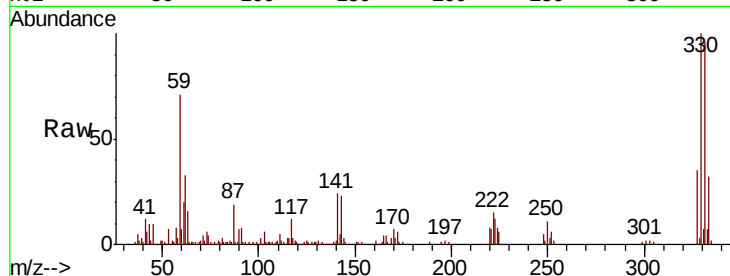




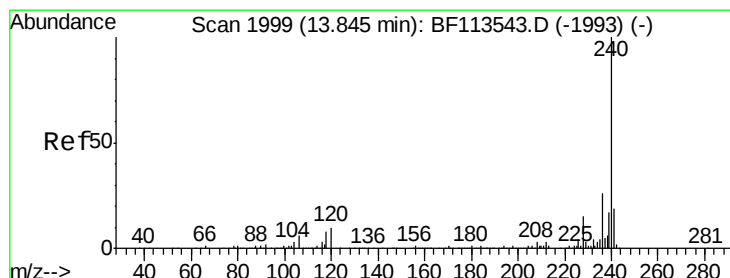
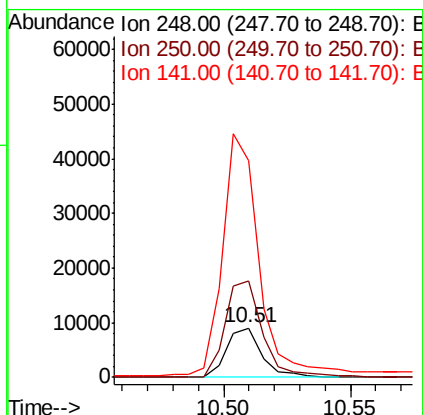
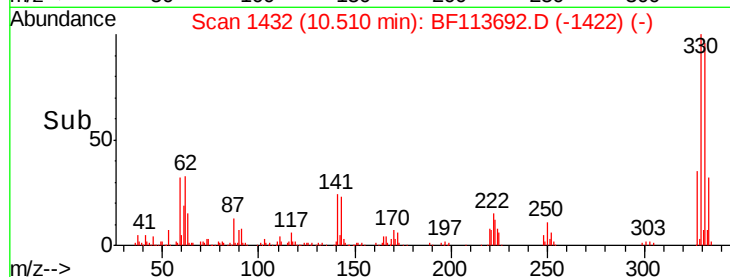
#67
4-Bromophenyl-phenylether
Concen: 2.695 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.24 min
Lab File: BF113692.D
Acq: 10 Apr 2019 10:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8694
Ion Ratio Lower Upper
248 100
250 196.3 78.3 117.5#
141 439.4 56.2 84.4#

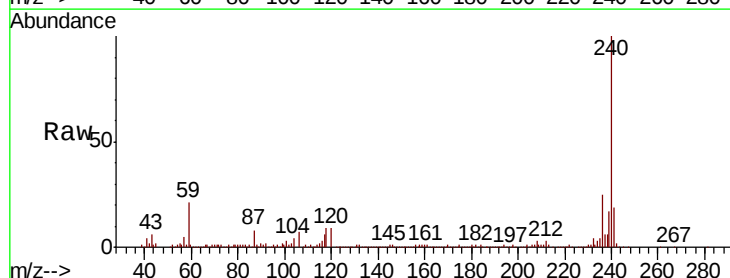


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

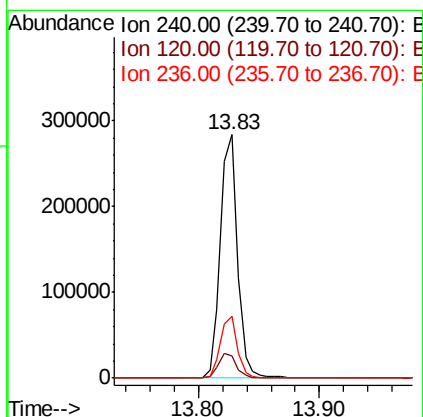
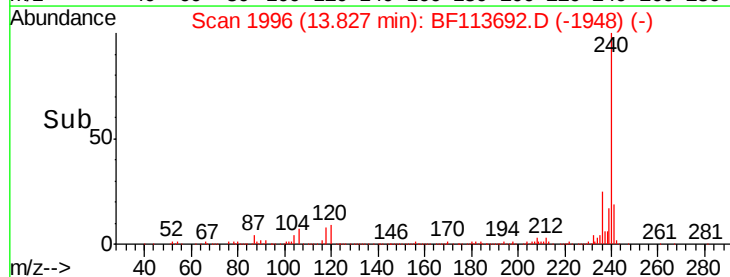


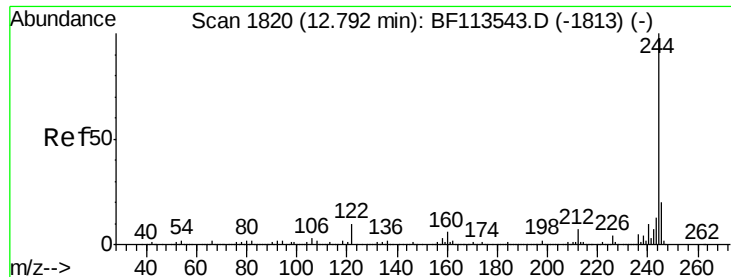
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113692.D
Acq: 10 Apr 2019 10:00

Tgt Ion:240 Resp: 278696
Ion Ratio Lower Upper
240 100
120 9.3 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: 58.744 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113692.D

Acq: 10 Apr 2019 10:00

Instrument :

BNA_F

ClientSampled :

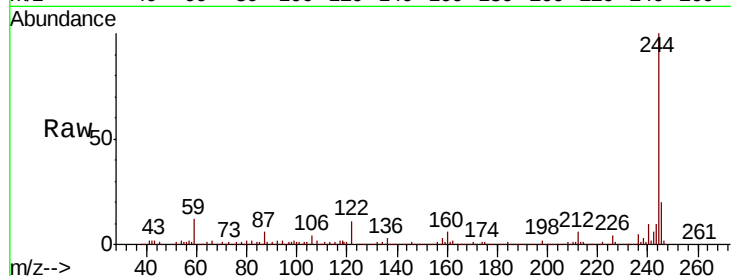
Tot Ion:244 Resp: 804110

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

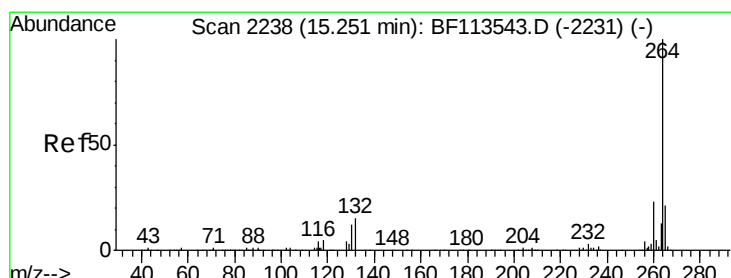
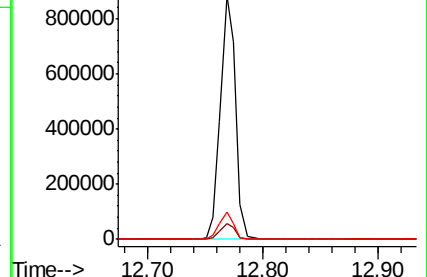
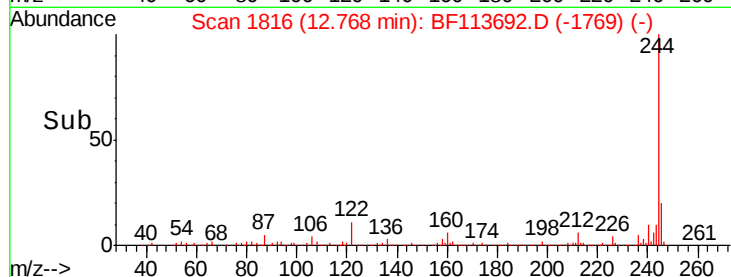
122 11.1 8.6 13.0



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. -0.02 min

Lab File: BF113692.D

Acq: 10 Apr 2019 10:00

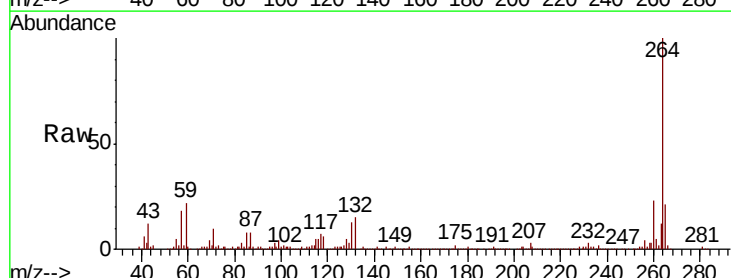
Tgt Ion:264 Resp: 277126

Ion Ratio Lower Upper

264 100

260 22.9 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

