

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113676.D
 Acq On : 9 Apr 2019 22:22
 Operator : JU/SJ
 Sample : K2294-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:26:40 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

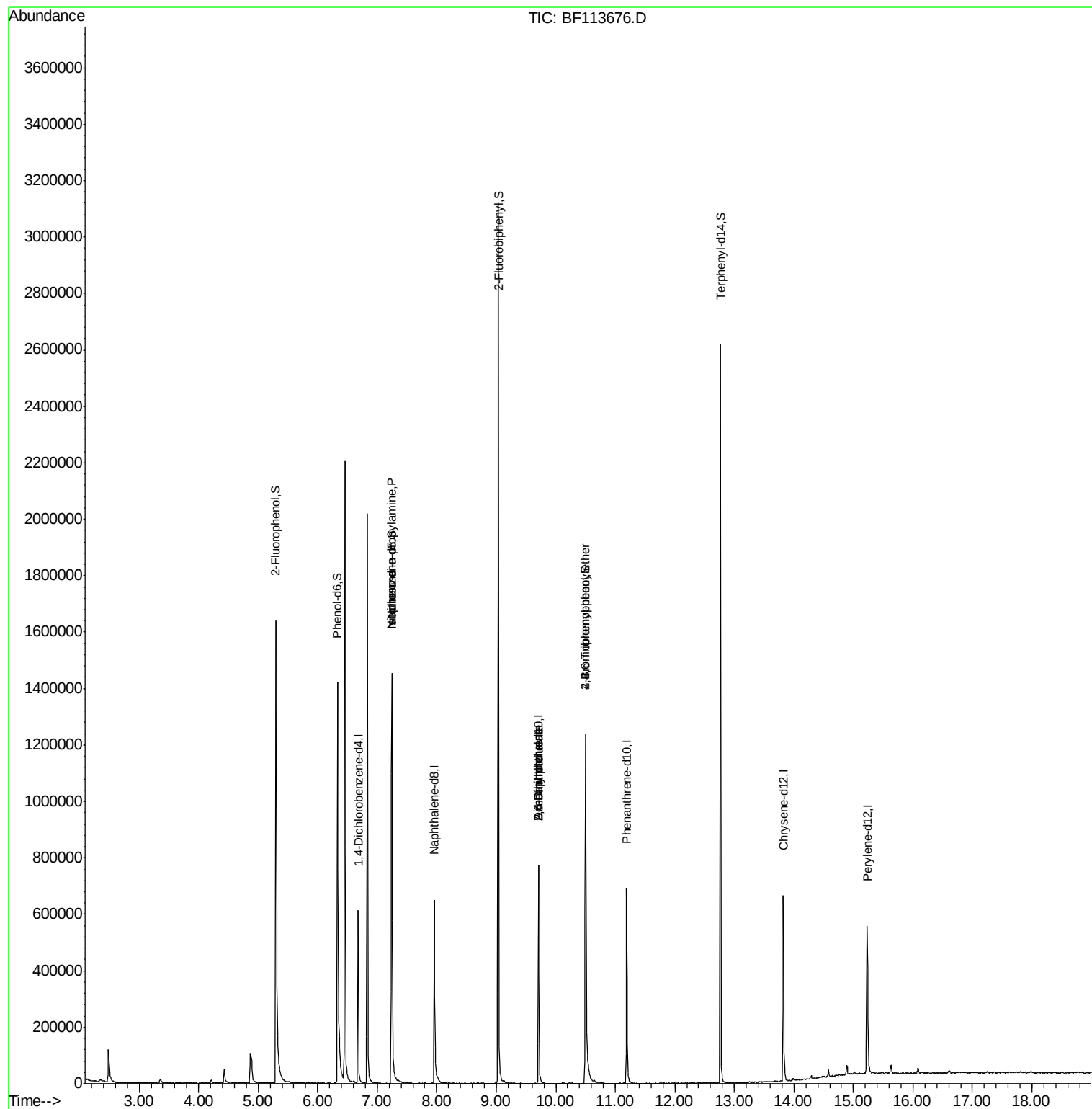
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	101791	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	376619	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	170420	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	308803	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	282433	20.00	ng	-0.02
87) Perylene-d12	15.23	264	274871	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	629065	105.38	ng	0.00
7) Phenol-d6	6.33	99	737247	100.21	ng	0.00
23) Nitrobenzene-d5	7.25	82	531935	82.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	239437	116.96	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1002557	94.71	ng	-0.02
79) Terphenyl-d14	12.77	244	923814	66.60	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	66212	14.594	ng	# 76
25) Isophorone	7.25	82	531932	42.947	ng	# 64
50) Dimethylphthalate	9.71	163	40683	3.239	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	22140	7.995	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	22140	6.611	ng	# 22
67) 4-Bromophenyl-phenylether	10.50	248	12537	3.620	ng	# 1

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

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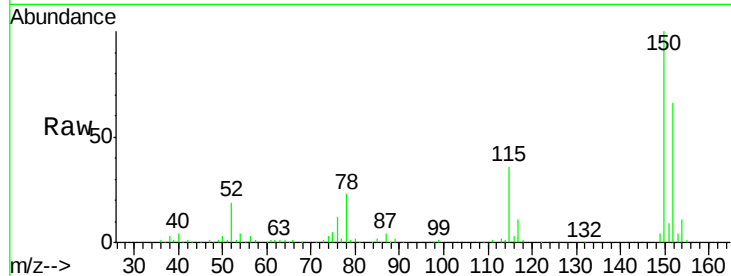




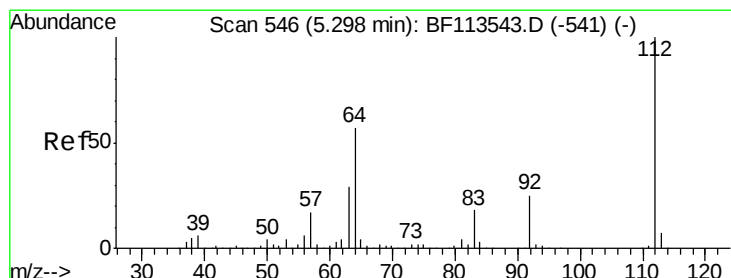
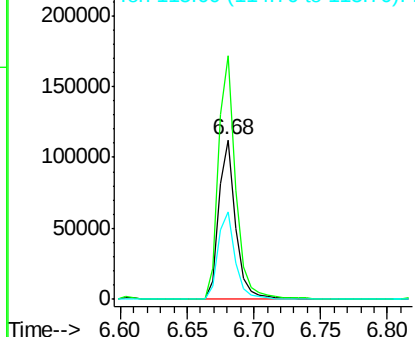
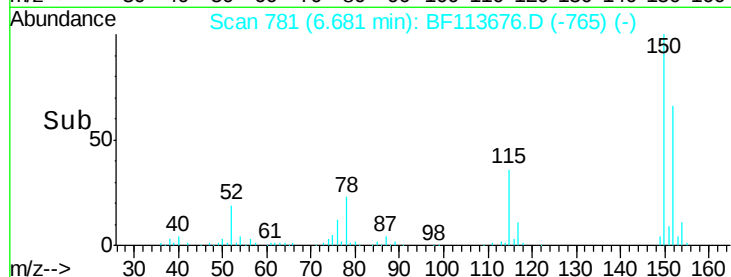
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113676.D
 Acq: 9 Apr 2019 22:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 101791
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.7 187.1
 115 54.7 46.0 69.0

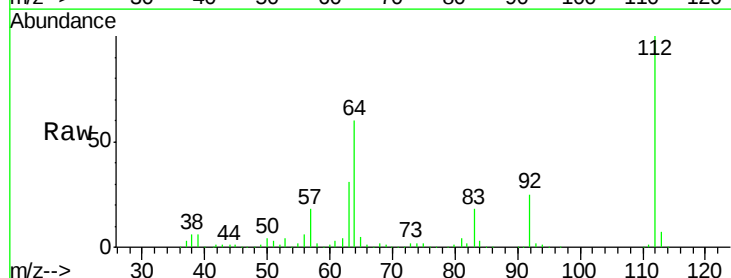


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

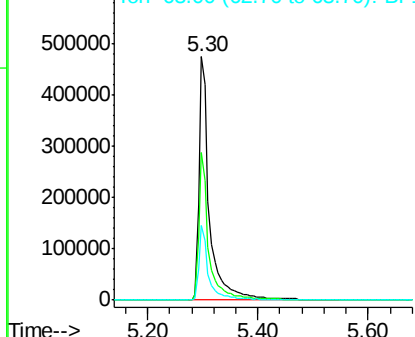
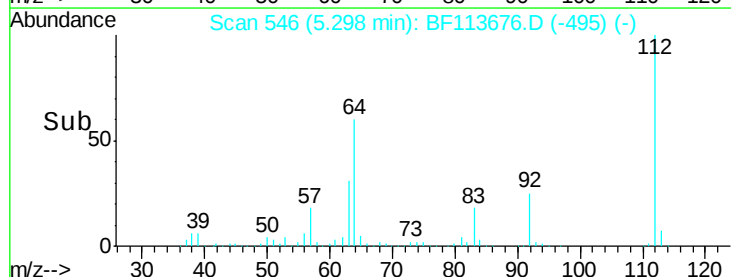


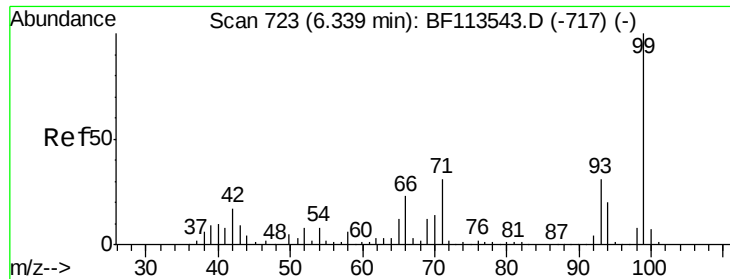
#5
 2-Fluorophenol
 Concen: 105.383 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF113676.D
 Acq: 9 Apr 2019 22:22

Tgt Ion:112 Resp: 629065
 Ion Ratio Lower Upper
 112 100
 64 60.5 49.2 73.8
 63 30.7 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: 100.207 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

Instrument :

BNA_F

ClientSampleId :

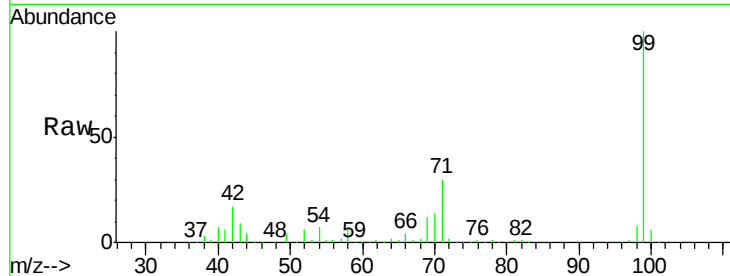
Tot Ion: 99 Resp: 737247

Ion Ratio Lower Upper

99 100

42 17.1 14.8 22.2

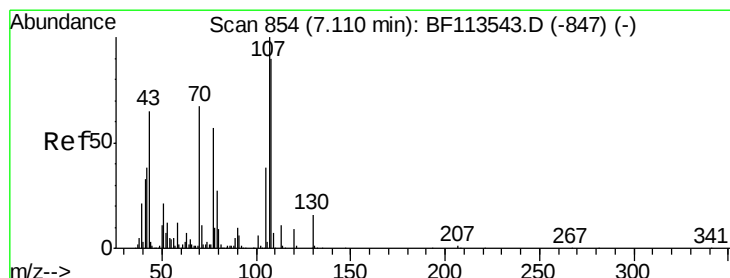
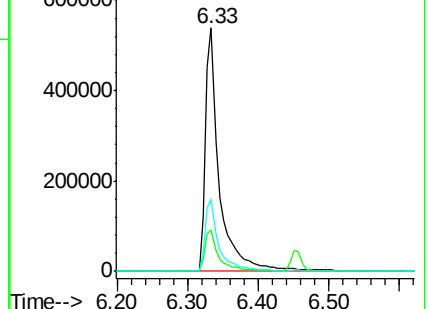
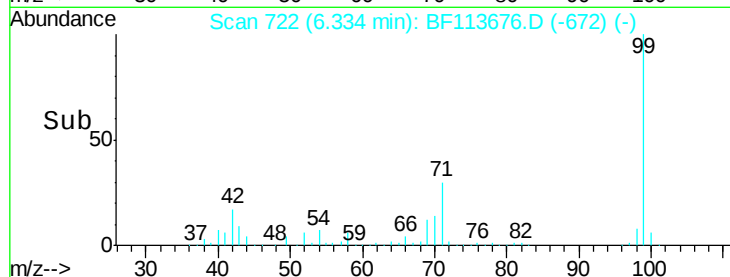
71 29.8 24.9 37.3



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: 14.594 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

Tgt Ion: 70 Resp: 66212

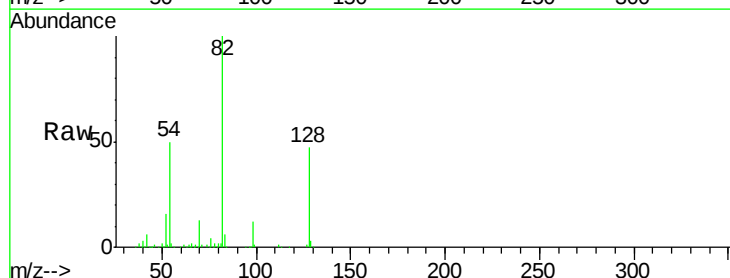
Ion Ratio Lower Upper

70 100

42 48.2 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

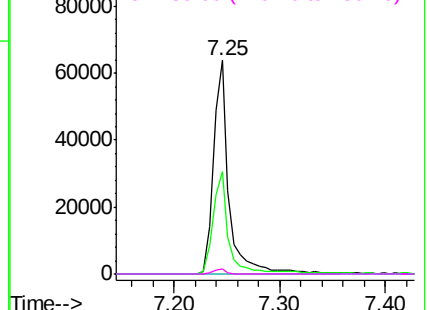
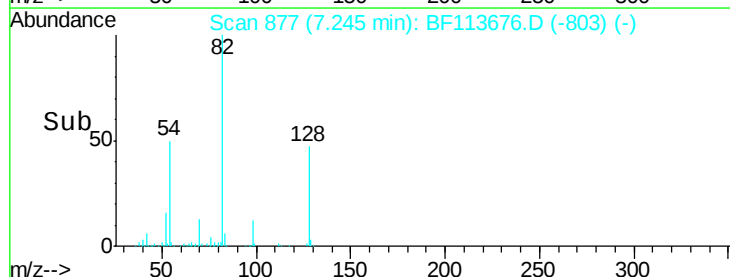


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 376619

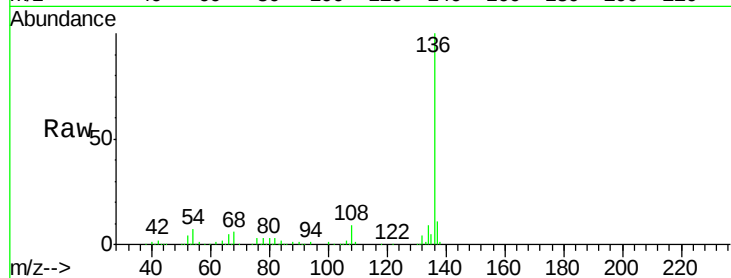
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.4 7.0 10.6

68 5.5 4.8 7.2

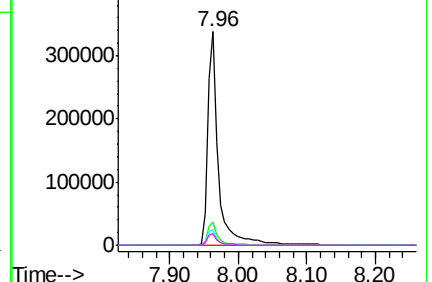
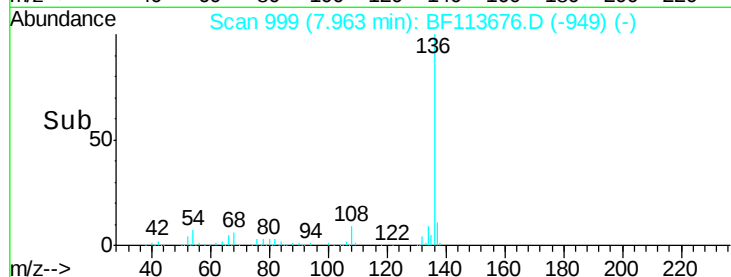


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.731 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

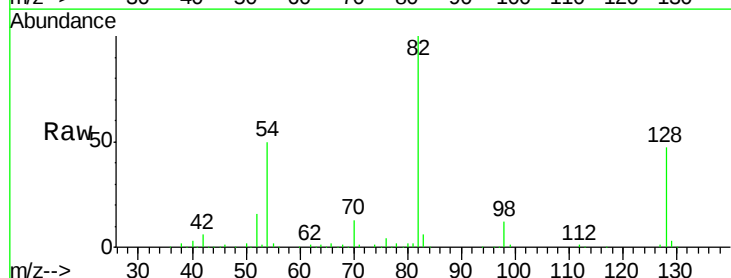
Tgt Ion: 82 Resp: 531935

Ion Ratio Lower Upper

82 100

128 47.3 36.5 54.7

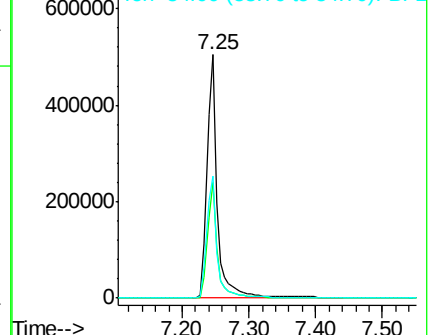
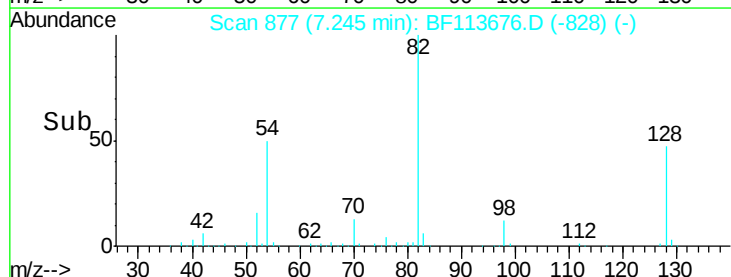
54 50.3 42.2 63.2



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





#25

Isophorone

Concen: 42.947 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

Instrument :

BNA_F

ClientSampleId :

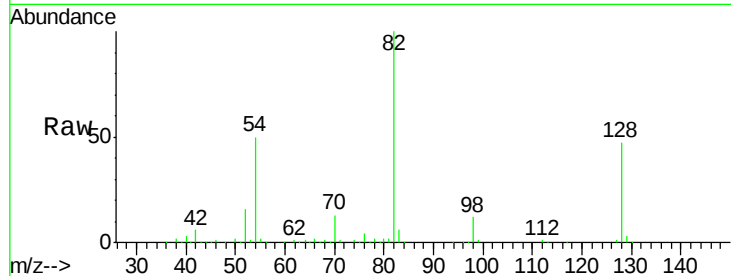
Tot Ion: 82 Resp: 531932

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

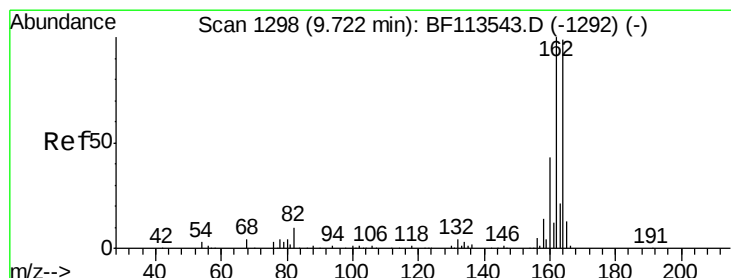
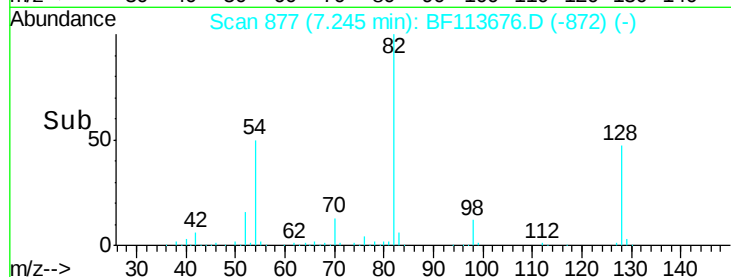
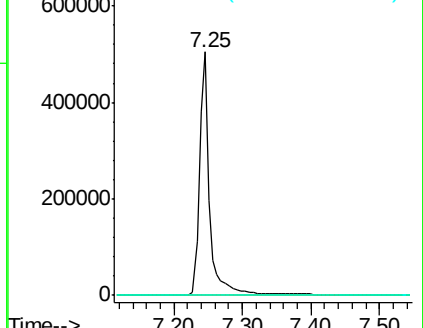
138 0.0 15.2 22.8#



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

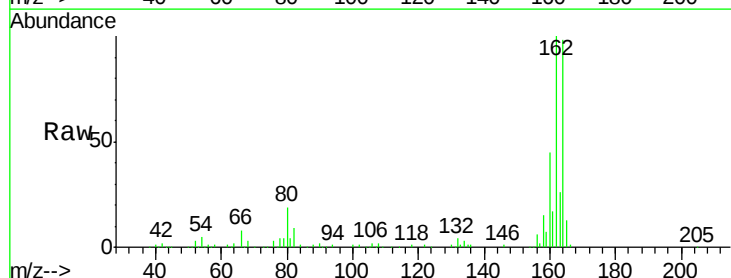
Tgt Ion: 164 Resp: 170420

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

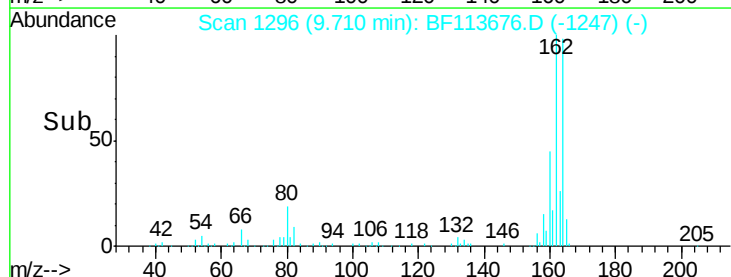
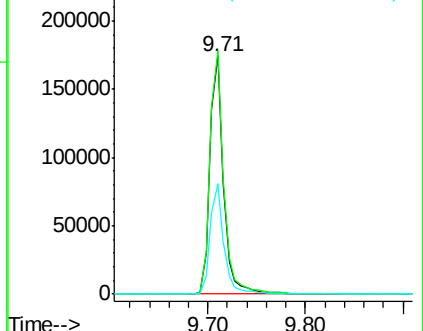
160 46.2 36.4 54.6

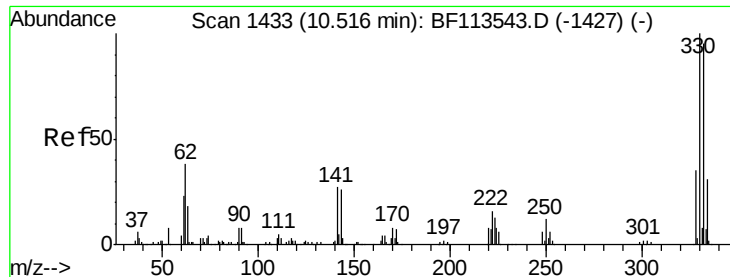


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

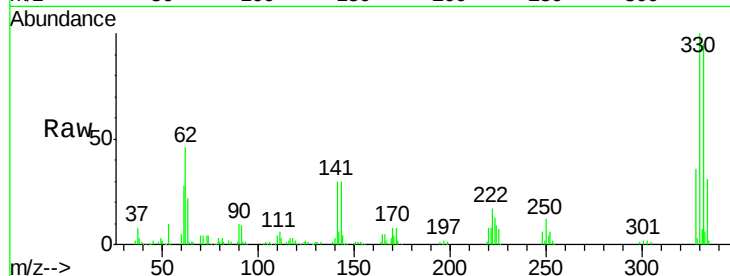




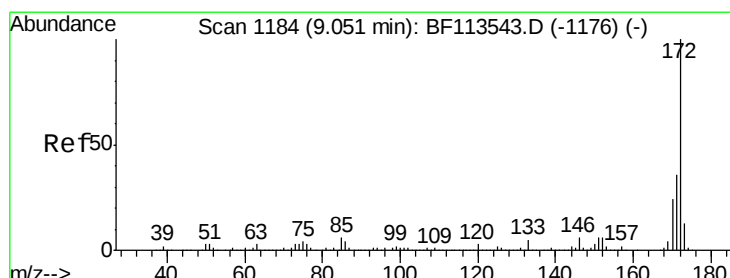
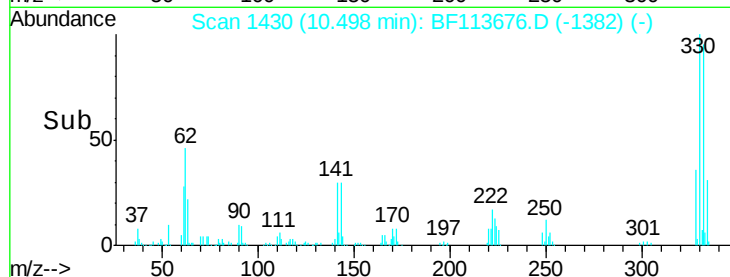
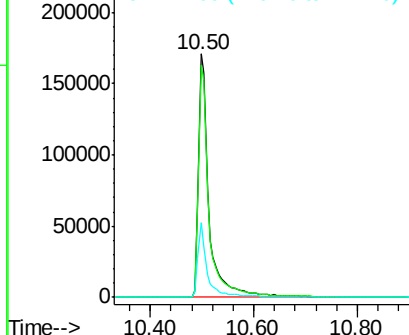
#42
 2,4,6-Tribromophenol
 Concen: 116.961 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113676.D
 Acq: 9 Apr 2019 22:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	27.3	22.7	34.1

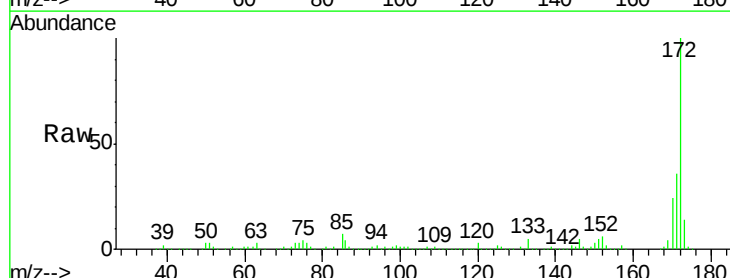


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

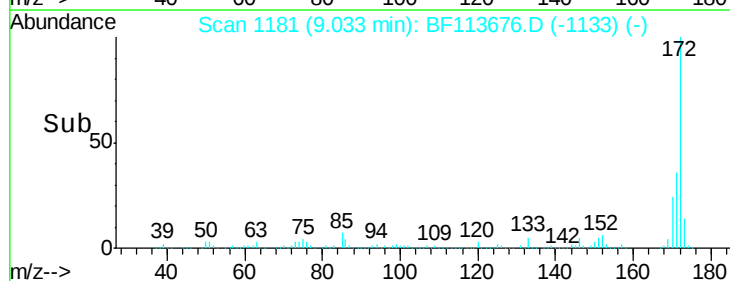
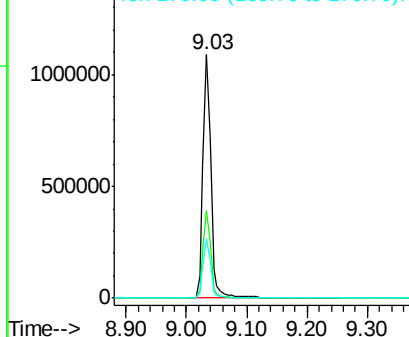


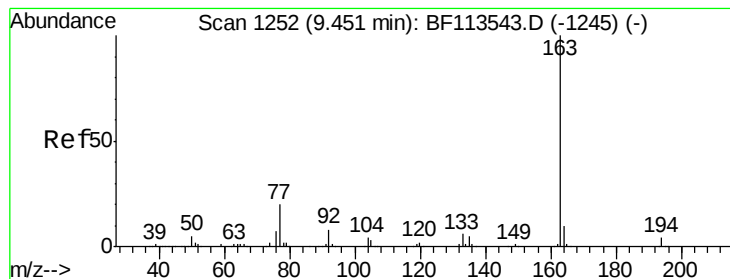
#45
 2-Fluorobiphenyl
 Concen: 94.708 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113676.D
 Acq: 9 Apr 2019 22:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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





#50

Dimethylphthalate

Concen: 3.239 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.26 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

Instrument :

BNA_F

ClientSampleId :

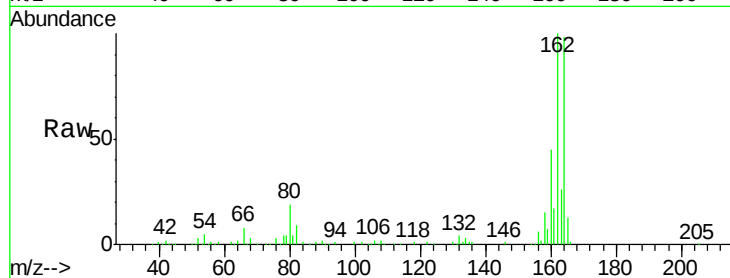
Tot Ion:163 Resp: 40683

Ion Ratio Lower Upper

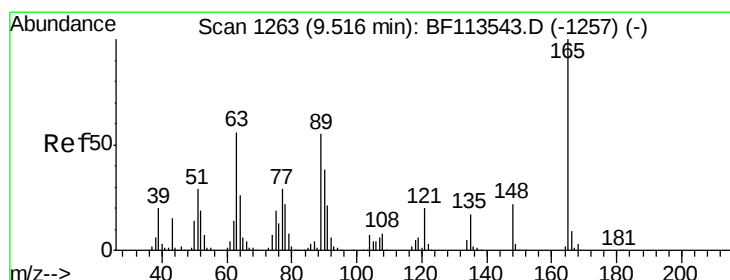
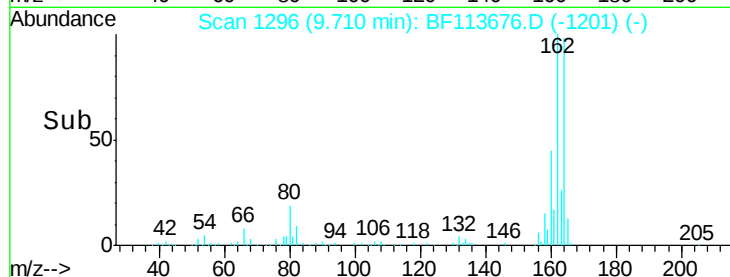
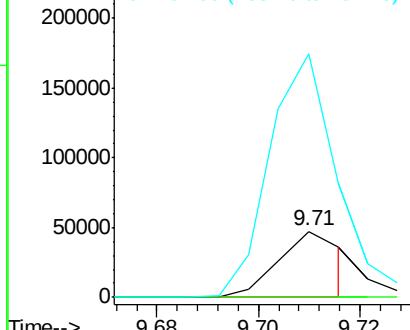
163 100

194 0.0 3.0 4.6#

164 370.6 8.1 12.1#



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: 7.995 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

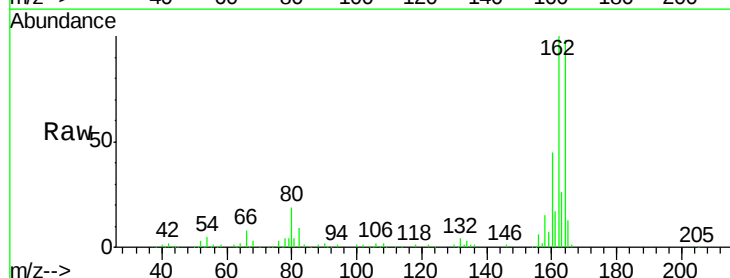
Tgt Ion:165 Resp: 22140

Ion Ratio Lower Upper

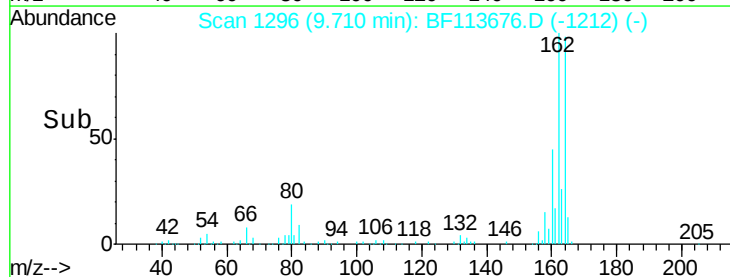
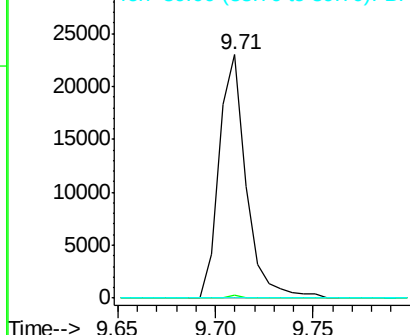
165 100

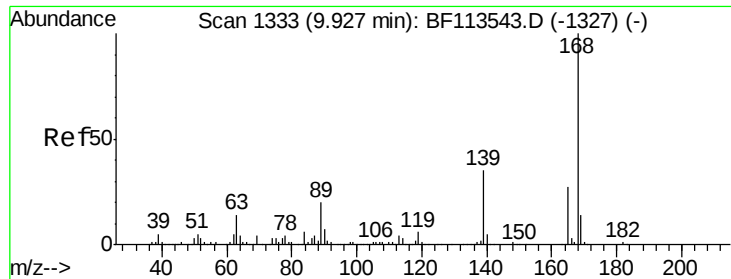
63 1.4 43.4 65.0#

89 0.0 43.1 64.7#



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

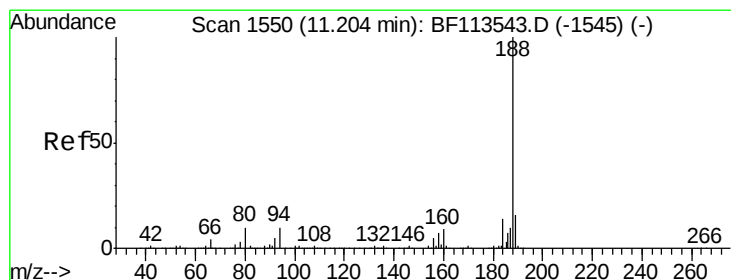
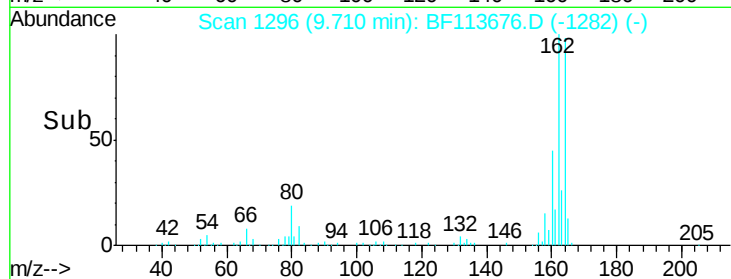
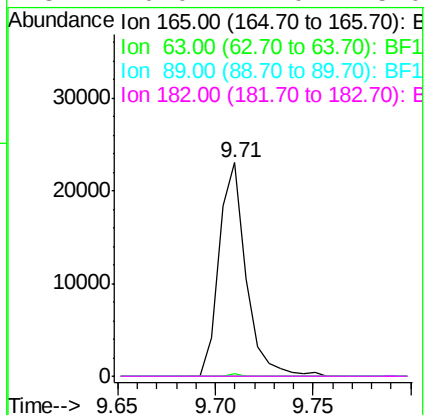
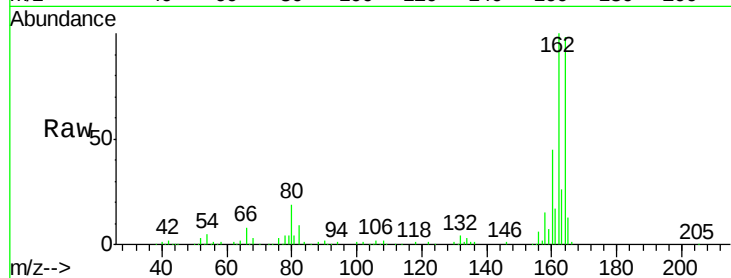




#57
 2,4-Dinitrotoluene
 Concen: 6.611 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113676.D
 Acq: 9 Apr 2019 22:22

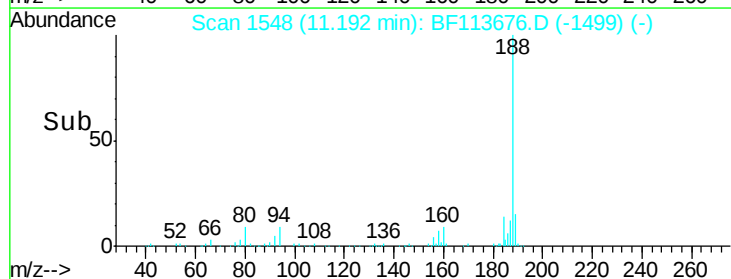
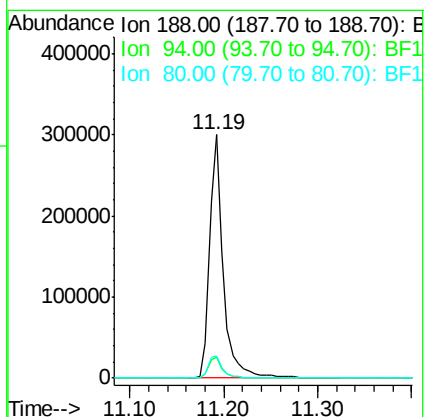
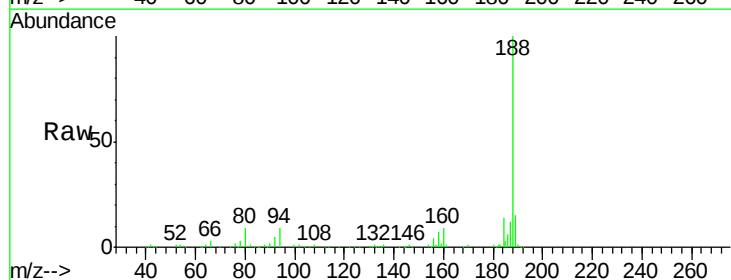
Instrument :
 BNA_F
 ClientSampleId :

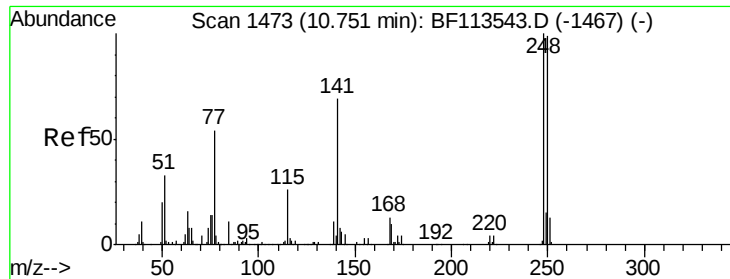
Tot Ion:165 Resp: 22140
 Ion Ratio Lower Upper
 165 100
 63 1.4 37.5 56.3#
 89 0.0 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113676.D
 Acq: 9 Apr 2019 22:22

Tgt Ion:188 Resp: 308803
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.0 10.6
 80 8.9 7.7 11.5

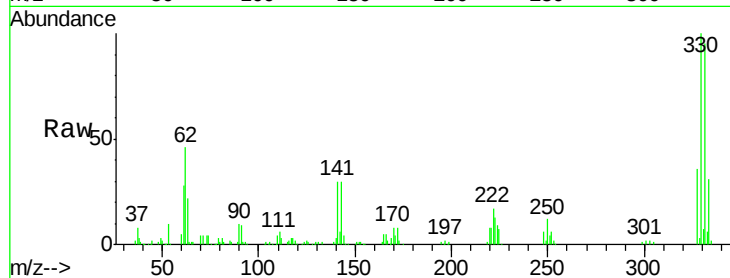




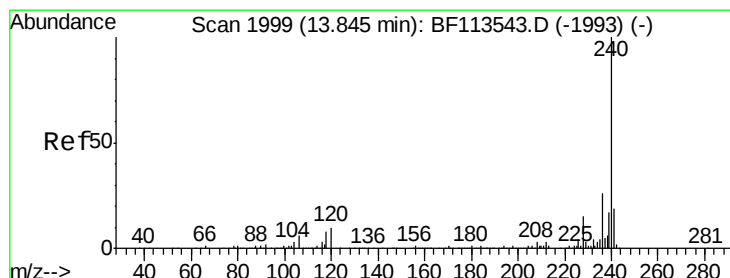
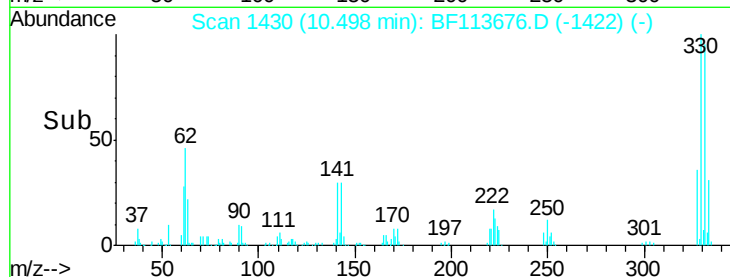
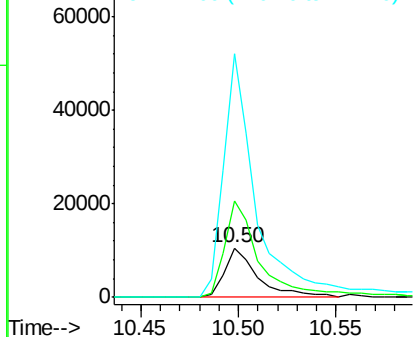
#67
4-Bromophenyl-phenylether
Concen: 3.620 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113676.D
Acq: 9 Apr 2019 22:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12537
Ion Ratio Lower Upper
248 100
250 194.3 78.3 117.5#
141 493.9 56.2 84.4#

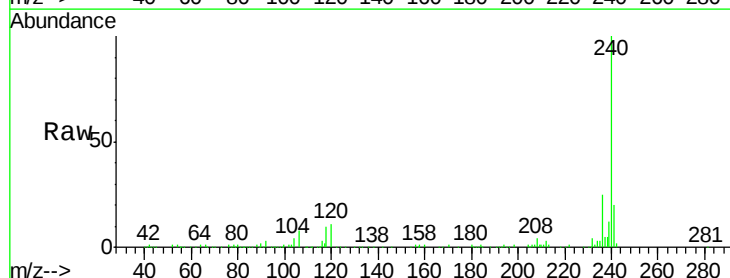


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

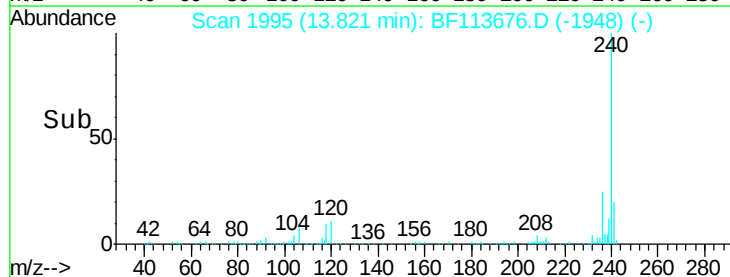
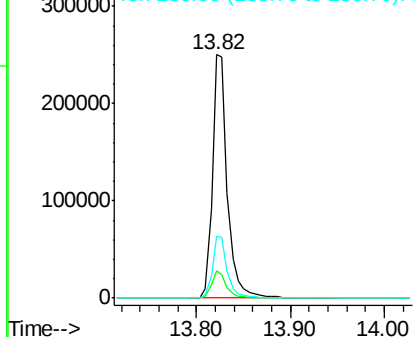


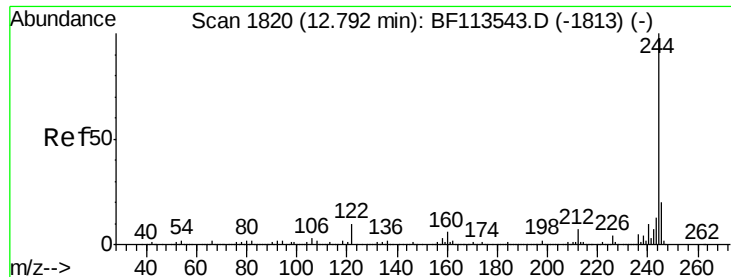
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113676.D
Acq: 9 Apr 2019 22:22

Tgt Ion:240 Resp: 282433
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.3 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: 66.596 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

Instrument :

BNA_F

ClientSampleId :

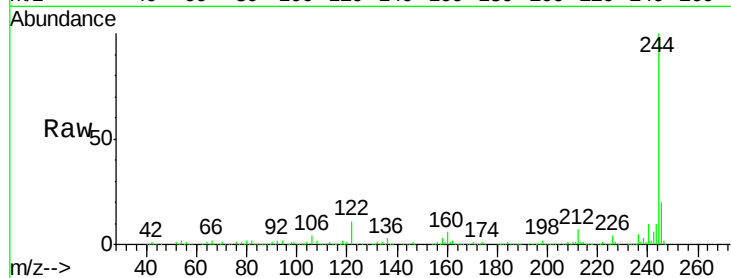
Tot Ion:244 Resp: 923814

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

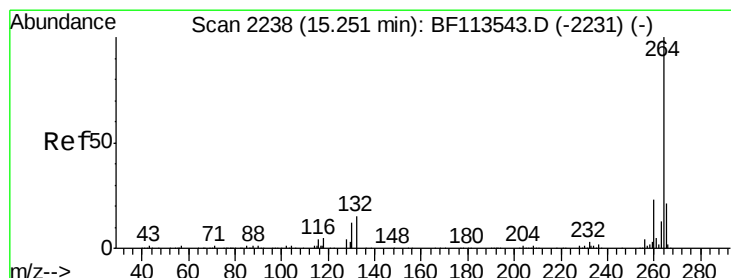
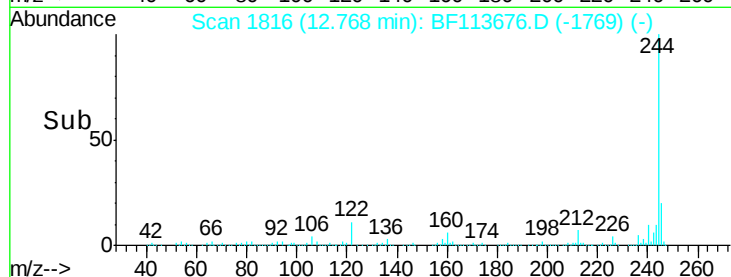
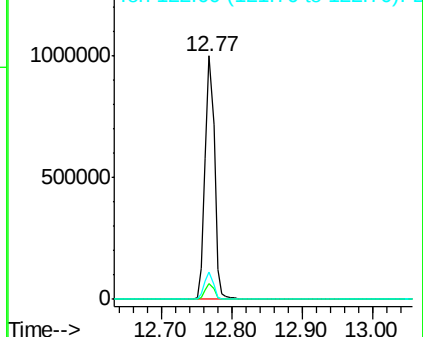
122 11.3 8.6 13.0



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. -0.02 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

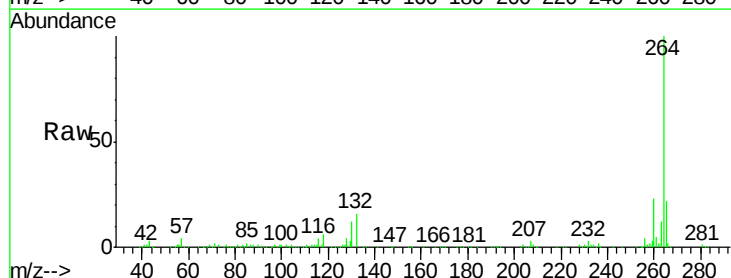
Tgt Ion:264 Resp: 274871

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.8 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

