

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
 Data File : BF113796.D
 Acq On : 16 Apr 2019 16:26
 Operator : JU/SJ
 Sample : K2203-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 18:13:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 16 17:22:45 2019
 Response via : Initial Calibration

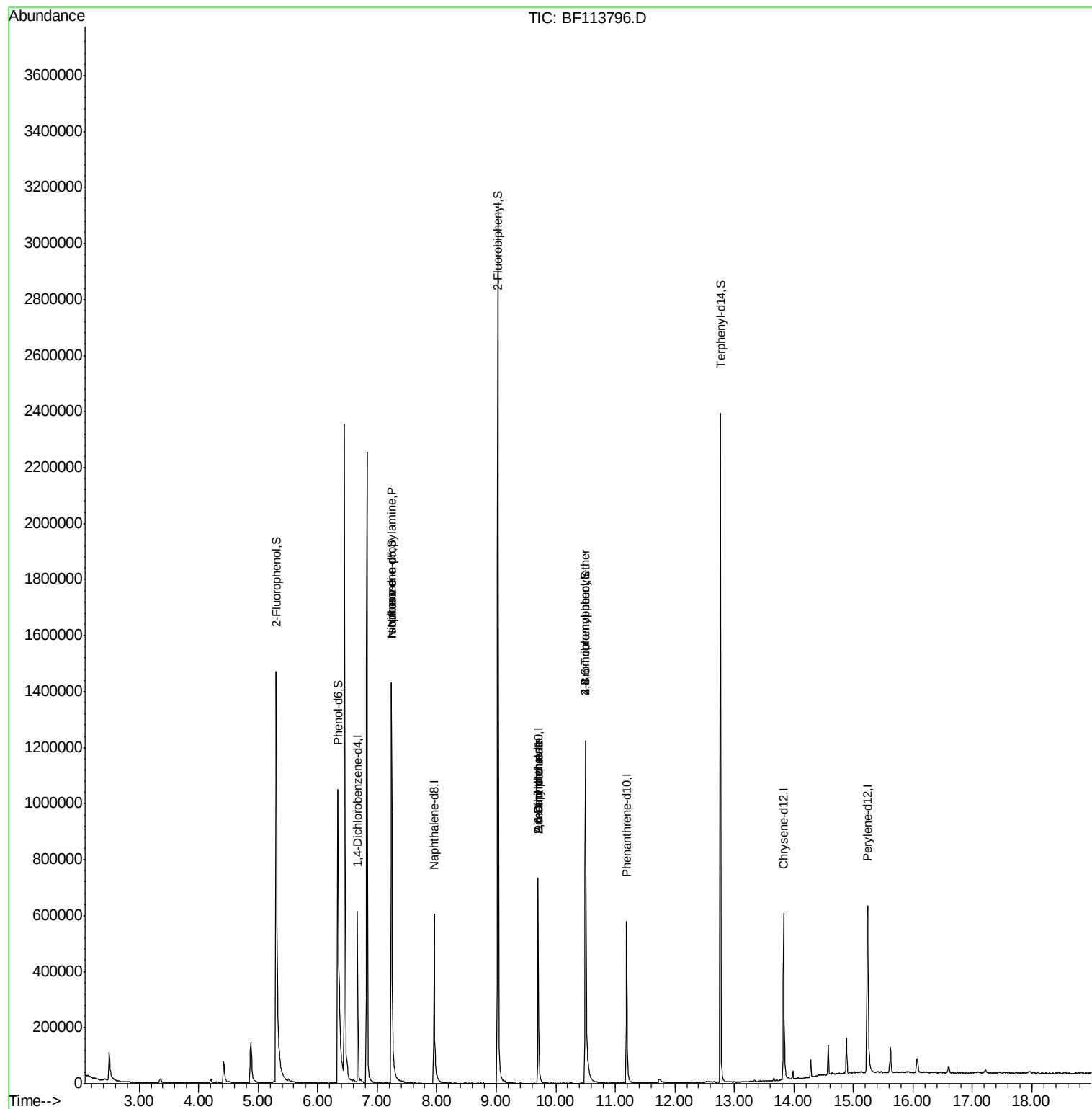
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	110720	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	405952	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	177048	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	303558	20.00	ng	0.00
76) Chrysene-d12	13.83	240	257183	20.00	ng	0.00
87) Perylene-d12	15.24	264	317247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	699668	107.76	ng	0.01
7) Phenol-d6	6.34	99	819564	102.41	ng	0.00
23) Nitrobenzene-d5	7.24	82	589603	85.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	246810	116.05	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1095504	99.61	ng	0.00
79) Terphenyl-d14	12.77	244	939274	74.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	74532	15.103	ng	# 77
25) Isophorone	7.24	82	581603	43.564	ng	# 64
50) Dimethylphthalate	9.70	163	35148	2.693	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	22175	7.708	ng	# 32
57) 2,4-Dinitrotoluene	9.70	165	22175	6.374	ng	# 26
67) 4-Bromophenyl-phenylether	10.50	248	13256	3.894	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
Data File : BF113796.D
Acq On : 16 Apr 2019 16:26
Operator : JU/SJ
Sample : K2203-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 16 18:13:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 16 17:22:45 2019
Response via : Initial Calibration



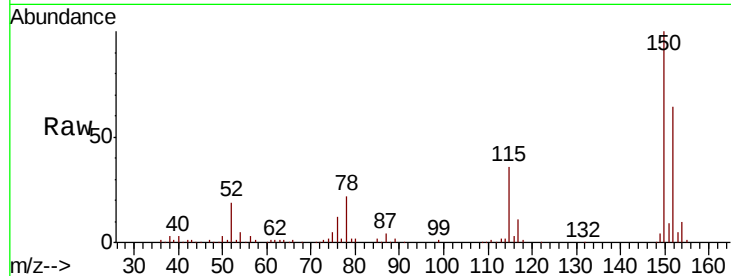


#1

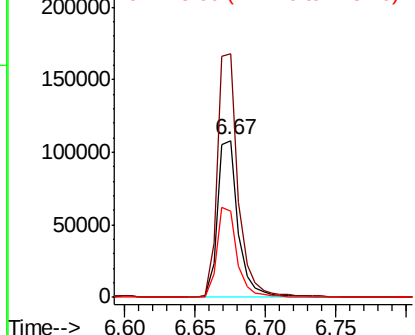
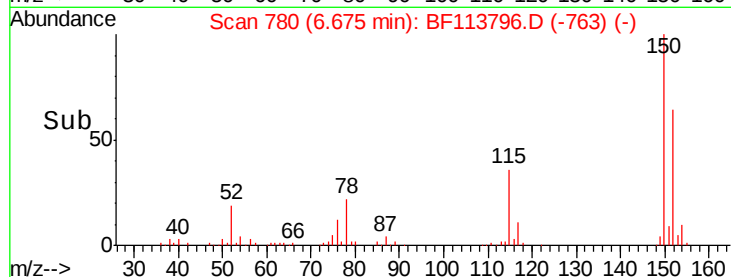
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF113796.D
Acq: 16 Apr 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110720
Ion Ratio Lower Upper
152 100
150 155.5 125.1 187.7
115 55.3 43.9 65.9



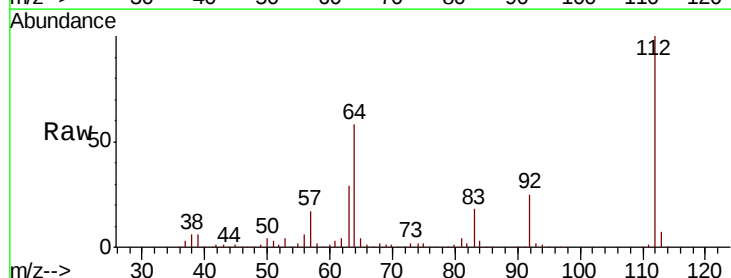
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



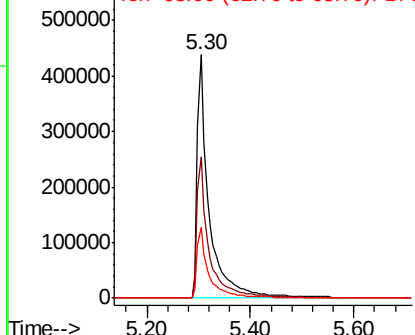
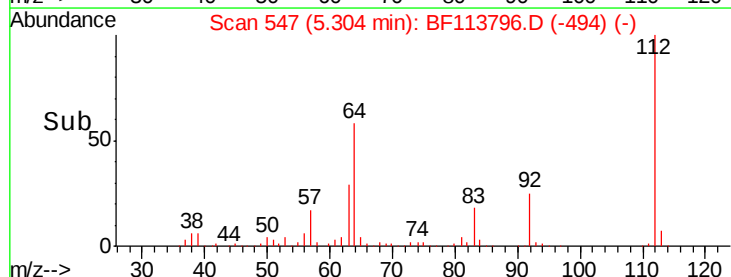
#5

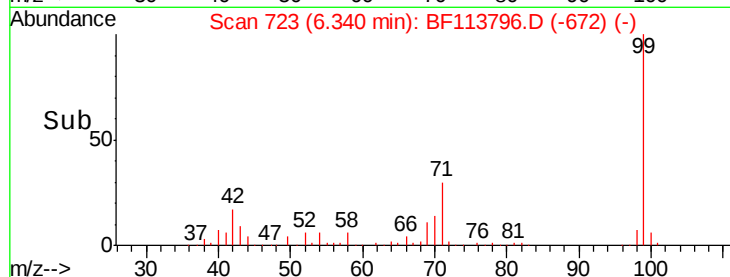
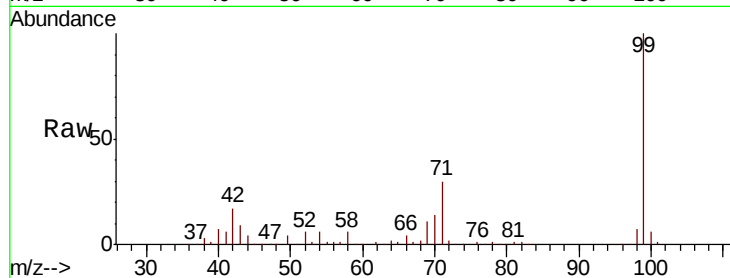
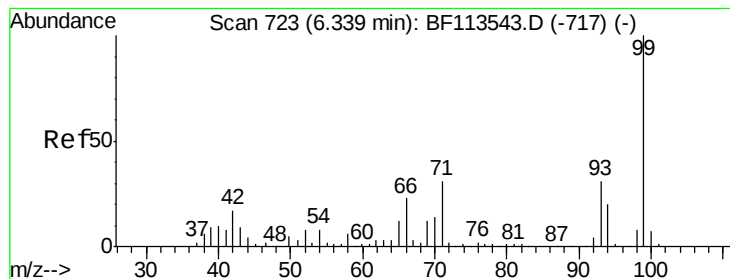
2-Fluorophenol
Concen: 107.758 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113796.D
Acq: 16 Apr 2019 16:26

Tgt Ion:112 Resp: 699668
Ion Ratio Lower Upper
112 100
64 58.0 49.0 73.4
63 29.2 24.2 36.4



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: 102.412 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

Instrument :

BNA_F

ClientSampleId :

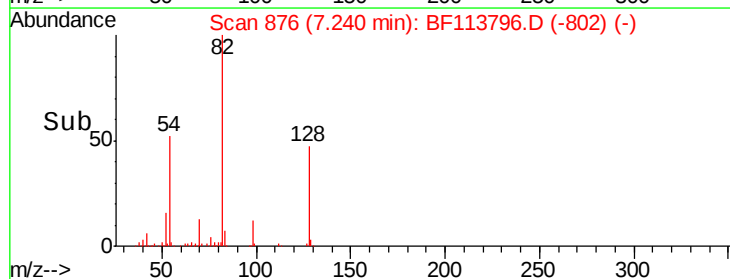
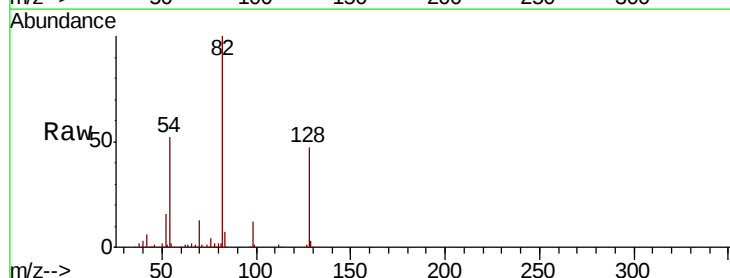
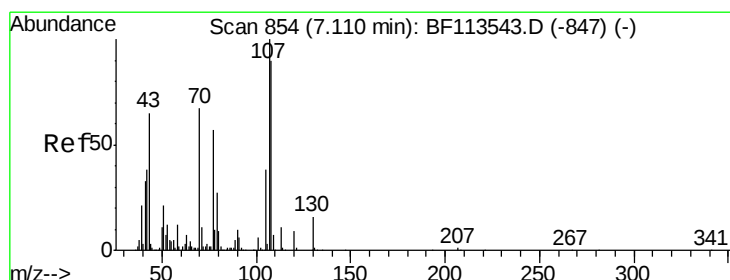
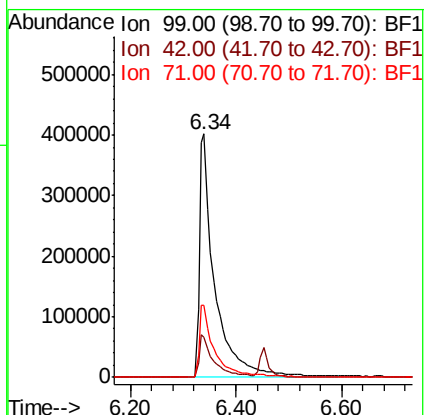
Tot Ion: 99 Resp: 819564

Ion Ratio Lower Upper

99 100

42 16.6 15.2 22.8

71 29.6 25.4 38.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.103 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.14 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

Tgt Ion: 70 Resp: 74532

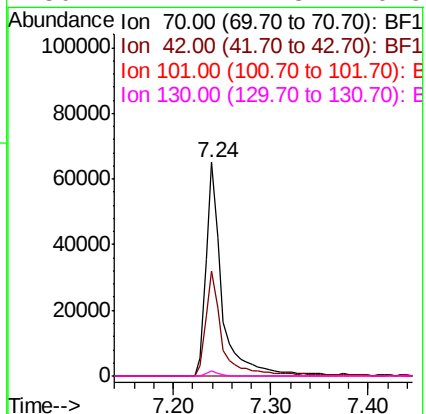
Ion Ratio Lower Upper

70 100

42 49.3 49.0 73.6

101 0.0 7.8 11.6#

130 2.2 17.8 26.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 405952

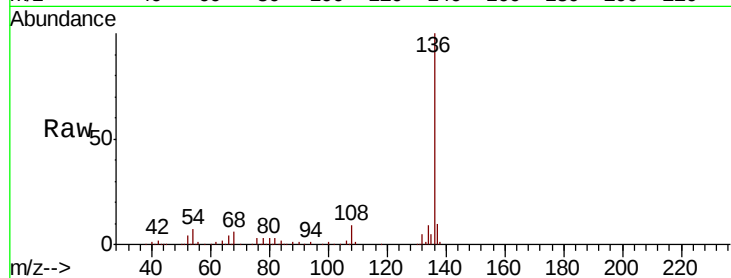
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 7.2 6.4 9.6

68 5.5 4.6 7.0

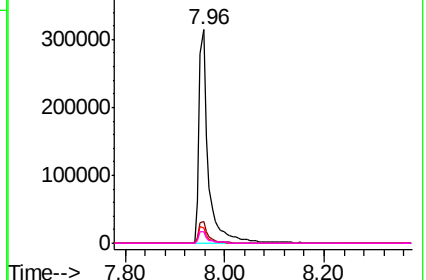
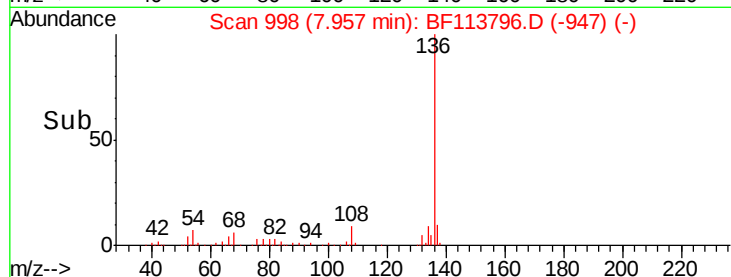


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.074 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

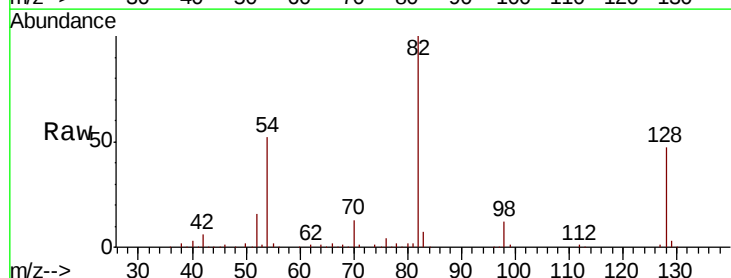
Tgt Ion: 82 Resp: 589603

Ion Ratio Lower Upper

82 100

128 46.6 38.2 57.2

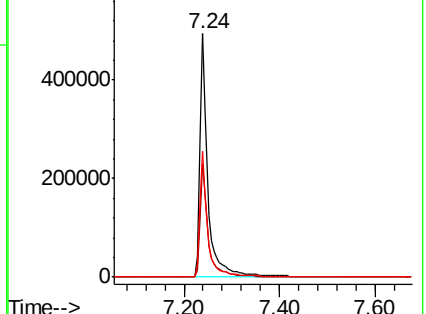
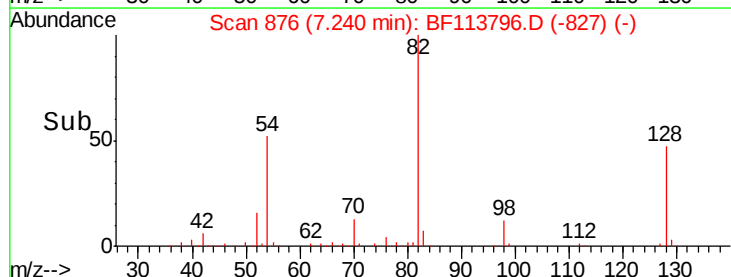
54 51.6 41.0 61.4

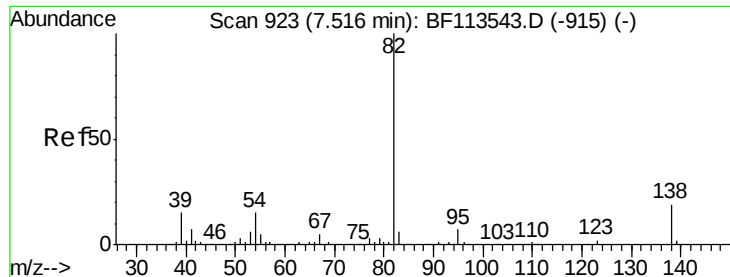


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.564 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.27 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

Instrument :

BNA_F

ClientSampleId :

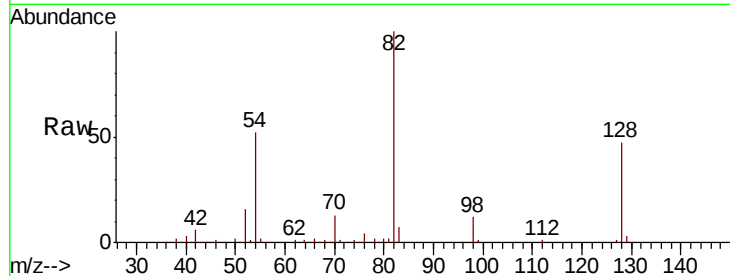
Tot Ion: 82 Resp: 581603

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

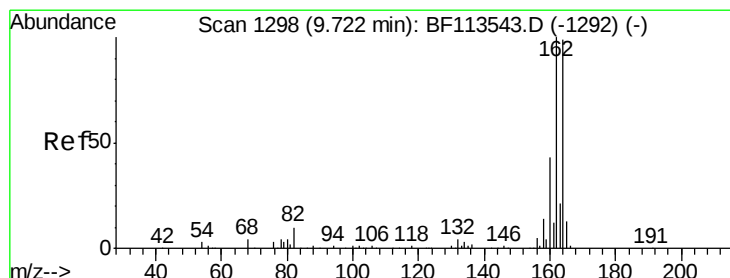
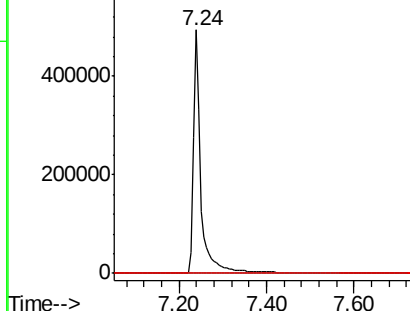
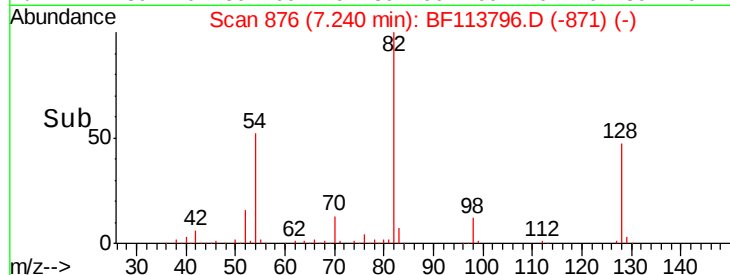
138 0.0 15.1 22.7#



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: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

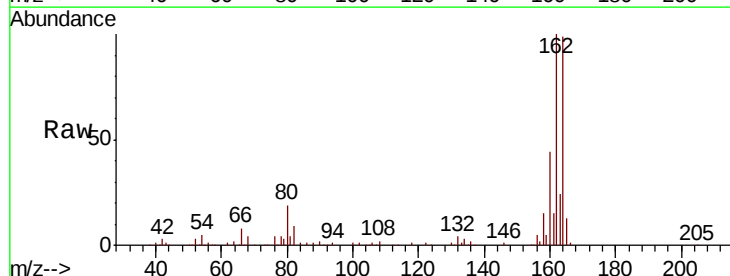
Tgt Ion:164 Resp: 177048

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

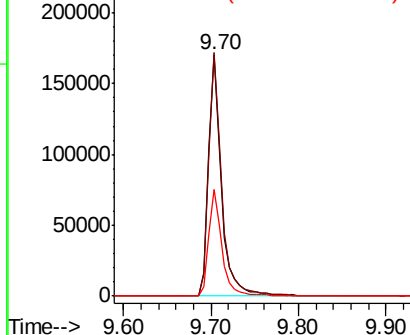
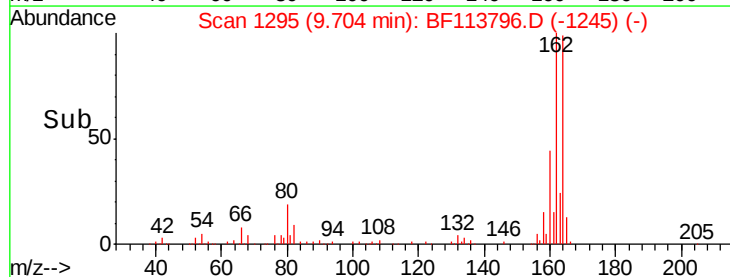
160 44.0 35.8 53.6



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

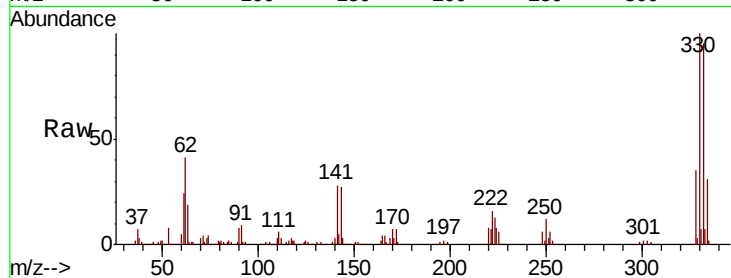




#42
 2,4,6-Tribromophenol
 Concen: 116.049 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF113796.D
 Acq: 16 Apr 2019 16:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.8	115.2
141	26.8	21.0	31.4

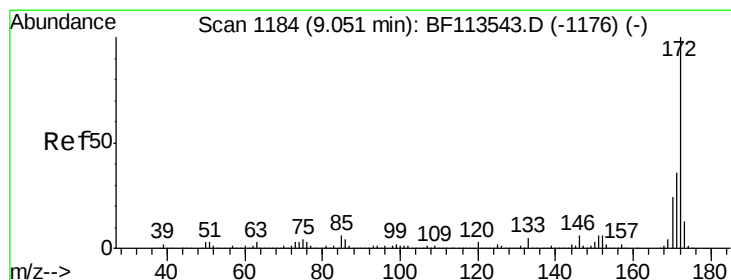
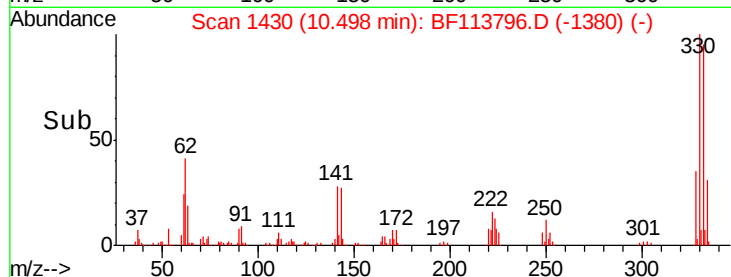
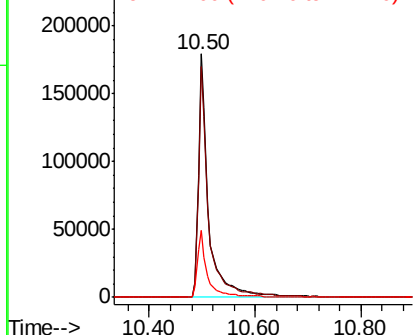


Abundance

Ion 329.80 (329.50 to 330.50): E

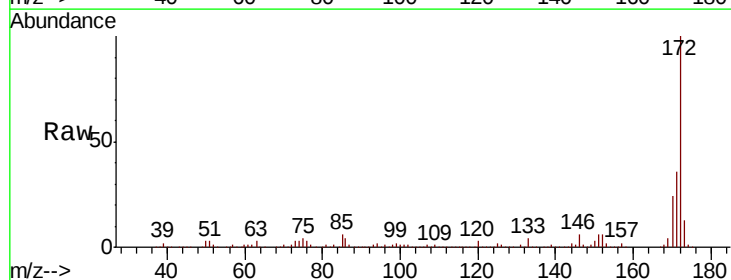
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.614 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF113796.D
 Acq: 16 Apr 2019 16:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	24.0	19.6	29.4

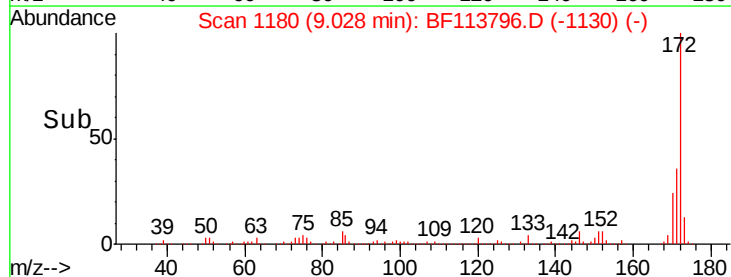
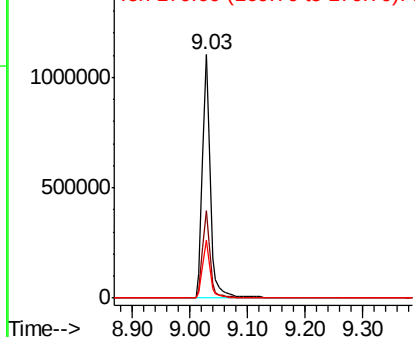


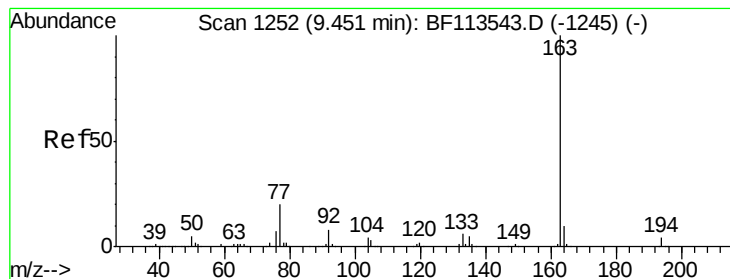
Abundance

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: 2.693 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.26 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

Instrument :

BNA_F

ClientSampled :

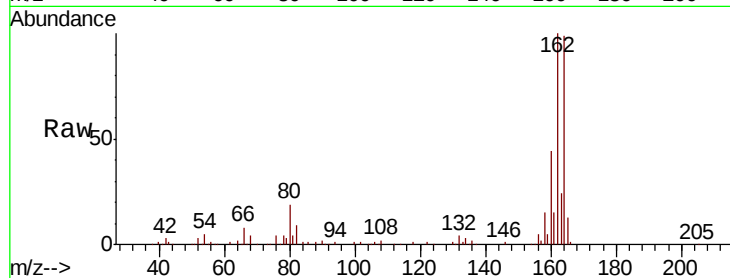
Tot Ion:163 Resp: 35148

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

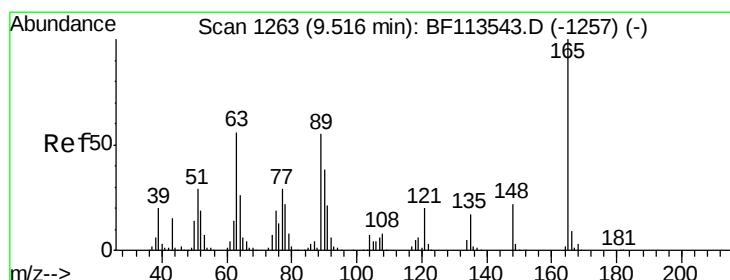
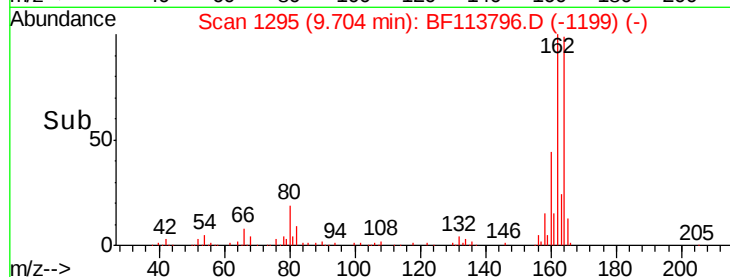
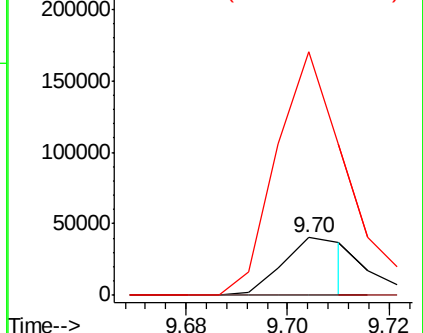
164 420.2 8.3 12.5#



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: 7.708 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.19 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

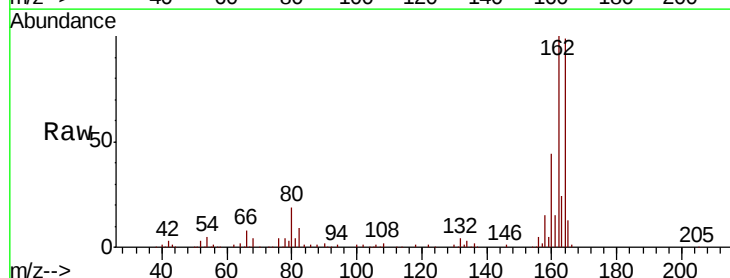
Tgt Ion:165 Resp: 22175

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

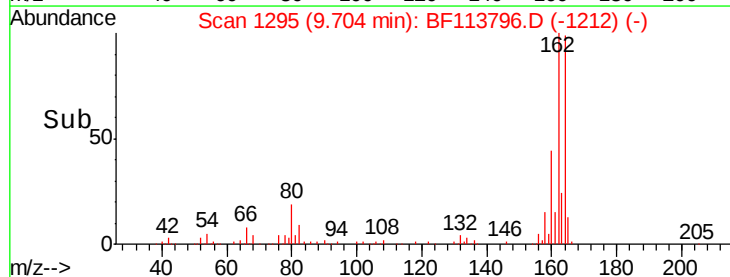
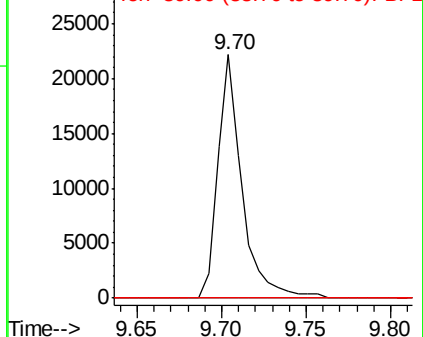
89 0.0 36.2 54.2#

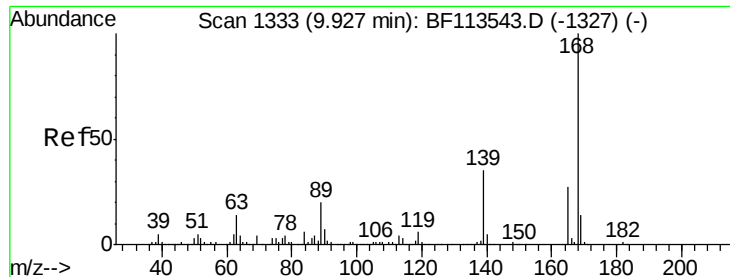


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

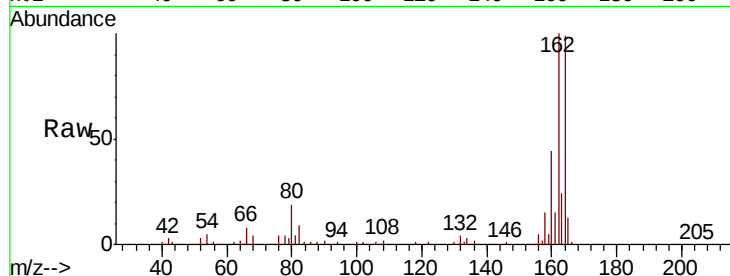




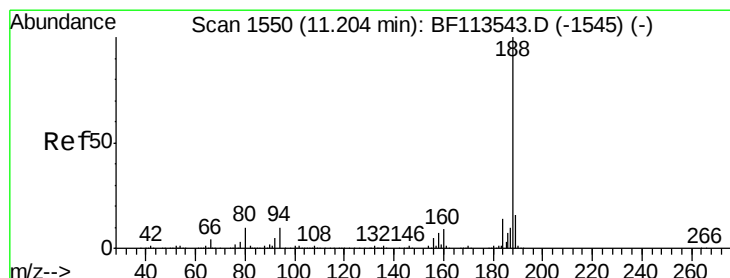
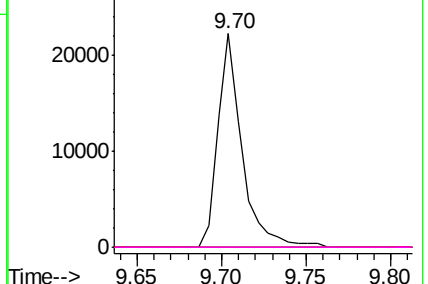
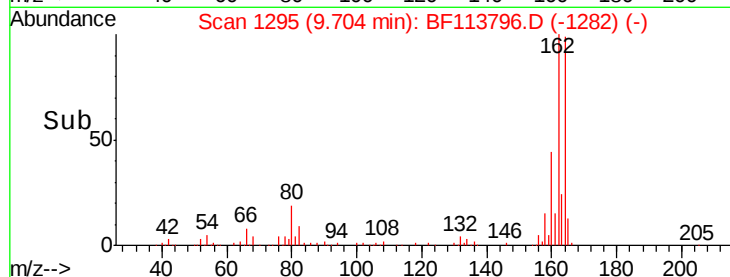
#57
 2,4-Dinitrotoluene
 Concen: 6.374 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113796.D
 Acq: 16 Apr 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22175
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.2 48.2#
 89 0.0 51.3 76.9#
 182 0.0 2.0 3.0#

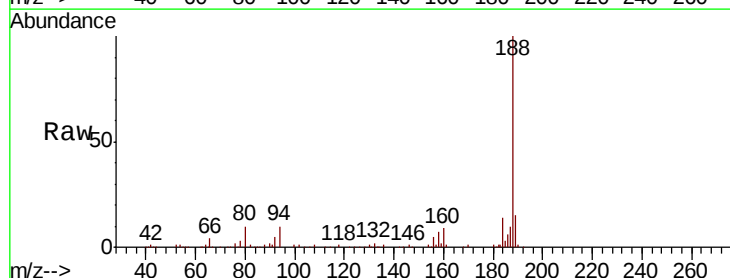


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

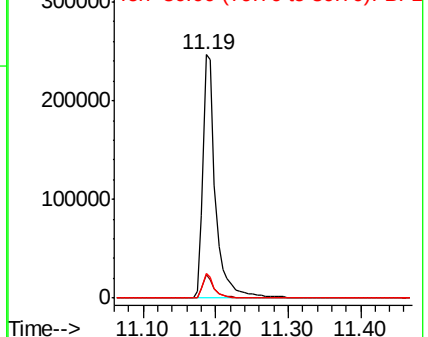
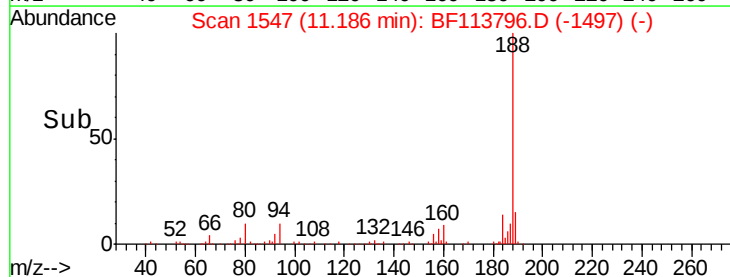


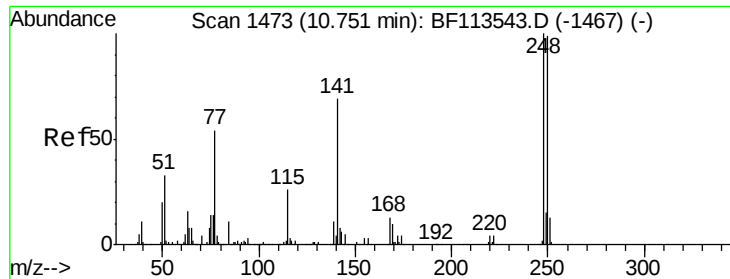
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF113796.D
 Acq: 16 Apr 2019 16:26

Tgt Ion:188 Resp: 303558
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.2 10.8
 80 10.2 7.4 11.2



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

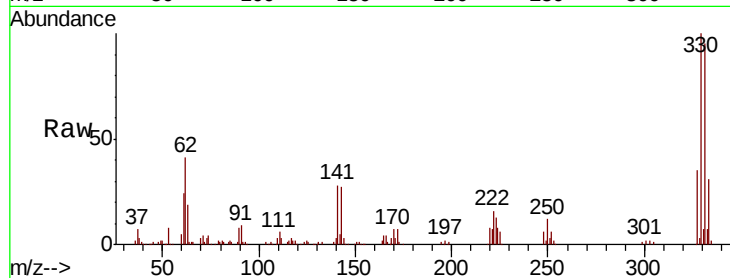




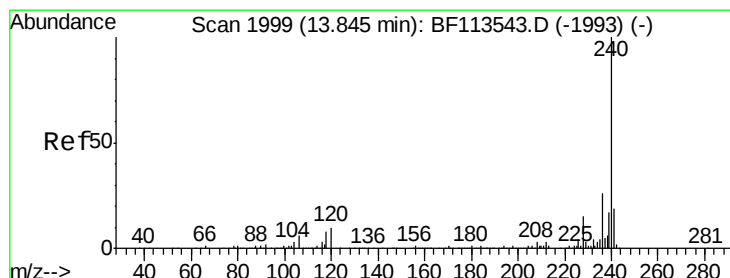
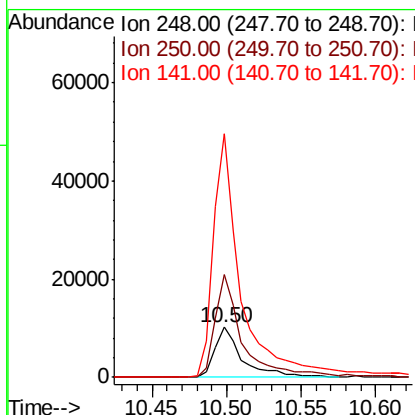
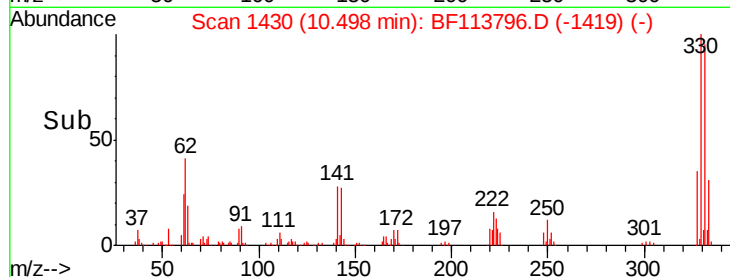
#67
4-Bromophenyl-phenylether
Concen: 3.894 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.24 min
Lab File: BF113796.D
Acq: 16 Apr 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13256
Ion Ratio Lower Upper
248 100
250 207.2 77.8 116.6#
141 488.1 55.3 82.9#

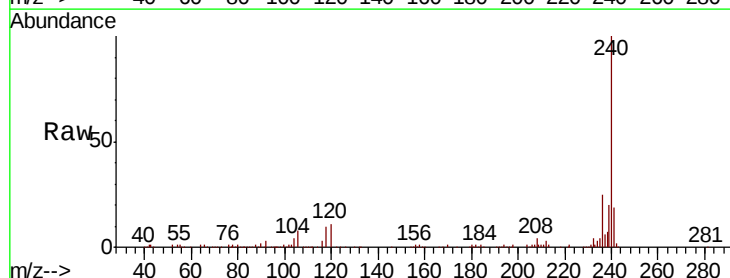


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

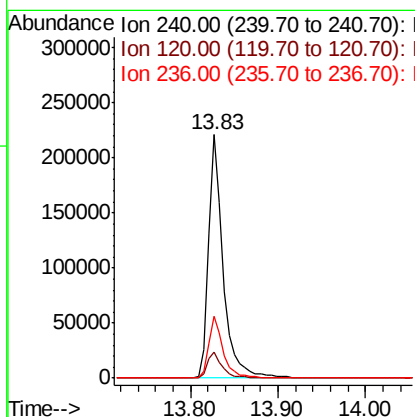
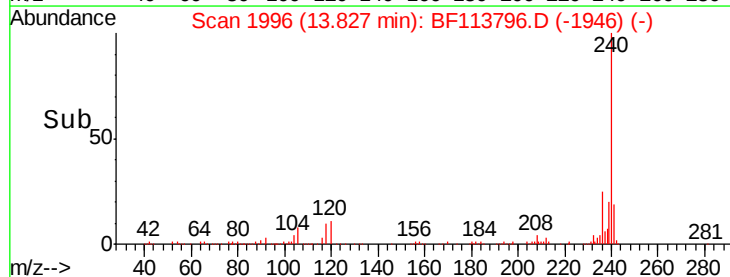


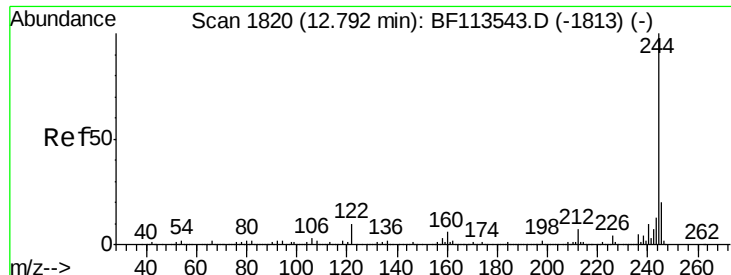
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113796.D
Acq: 16 Apr 2019 16:26

Tgt Ion:240 Resp: 257183
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 25.2 21.0 31.6



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: 74.359 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

Instrument :

BNA_F

ClientSampleId :

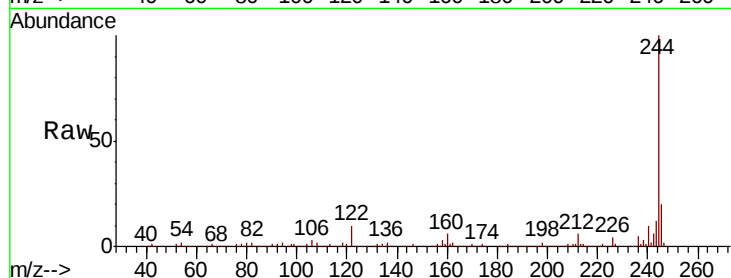
Tot Ion:244 Resp: 939274

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

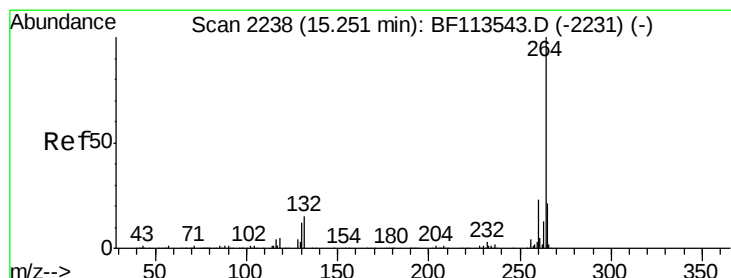
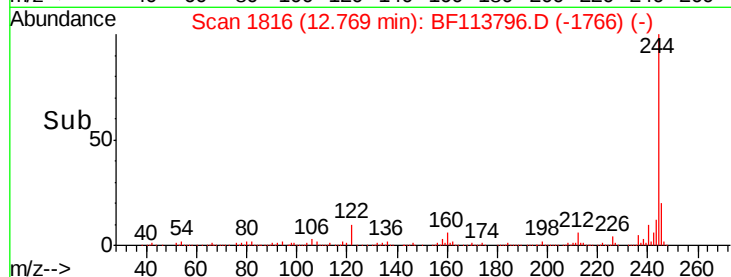
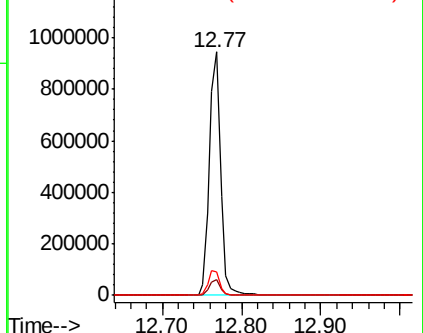
122 9.7 9.0 13.6



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. 0.00 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

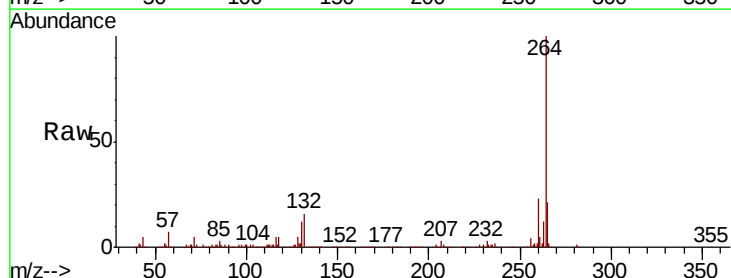
Tgt Ion:264 Resp: 317247

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

265 20.8 17.4 26.0



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

