

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113587.D
 Acq On : 2 Apr 2019 3:22
 Operator : JU/SJ
 Sample : K2177-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Apr 02 04:24:52 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

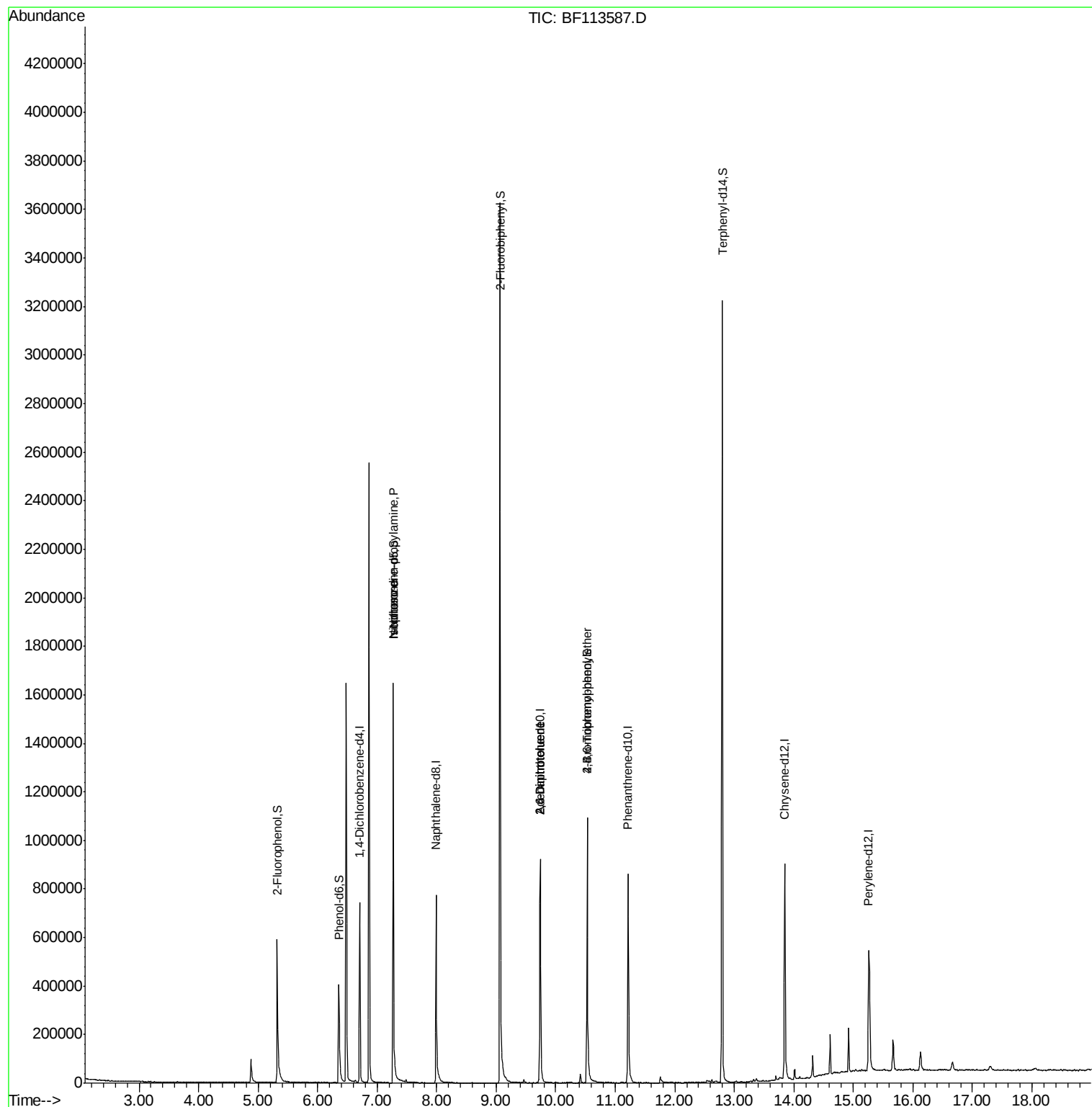
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	120564	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	460452	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	219694	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	399978	20.00	ng	0.00
76) Chrysene-d12	13.85	240	385827	20.00	ng	0.00
87) Perylene-d12	15.26	264	272729	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	240270	32.59	ng	0.00
7) Phenol-d6	6.36	99	196799	21.10	ng	0.00
23) Nitrobenzene-d5	7.27	82	629078	81.09	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	191232	70.47	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1251210	90.38	ng	0.00
79) Terphenyl-d14	12.80	244	1187597	67.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	78416	13.384	ng	# 77
25) Isophorone	7.27	82	607460	40.405	ng	# 64
51) 2,6-Dinitrotoluene	9.74	165	26823	7.303	ng	# 27
57) 2,4-Dinitrotoluene	9.74	165	26931	5.766	ng	# 23
67) 4-Bromophenyl-phenylether	10.53	248	10408	2.387	ng	# 1

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

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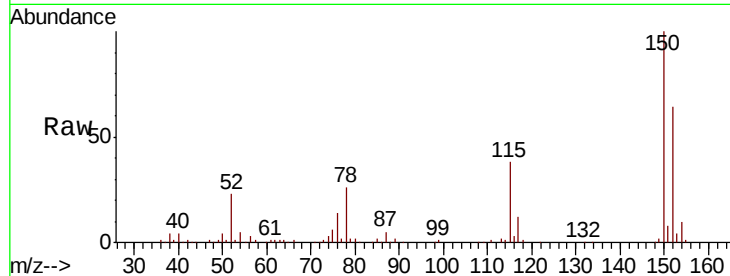


#1

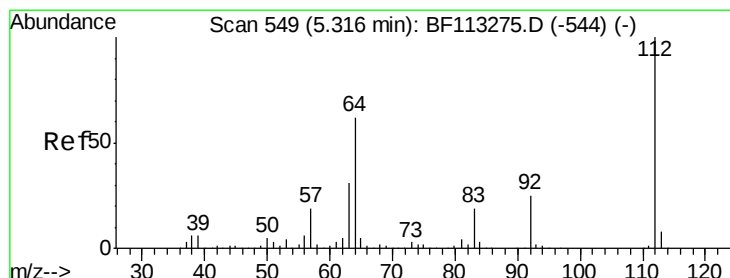
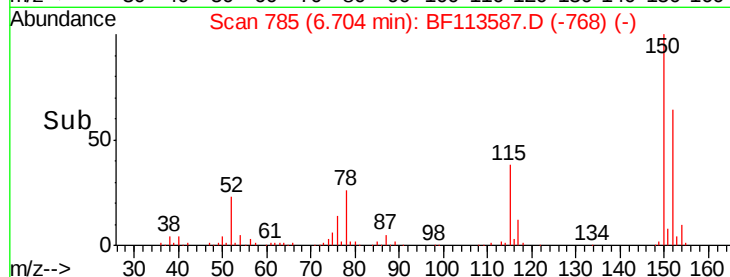
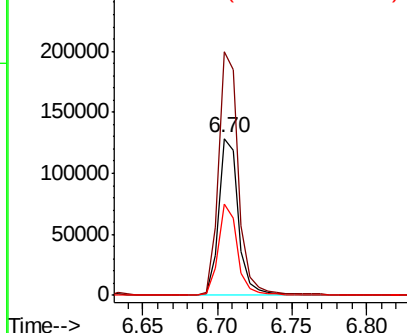
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113587.D
Acq: 2 Apr 2019 3:22

Instrument :
BNA_F
ClientSampled :
DFTPP

Tgt Ion:152 Resp: 120564
Ion Ratio Lower Upper
152 100
150 155.4 124.7 187.1
115 58.6 46.0 69.0



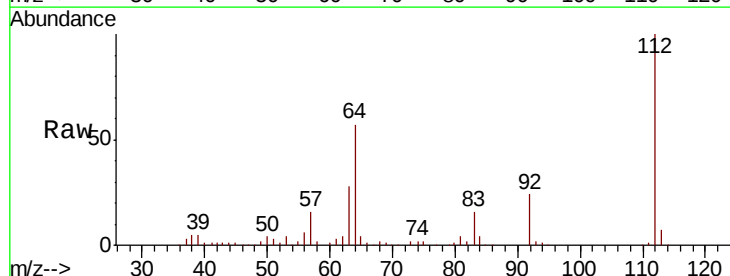
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



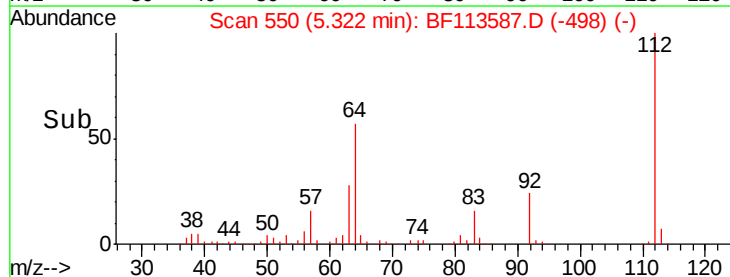
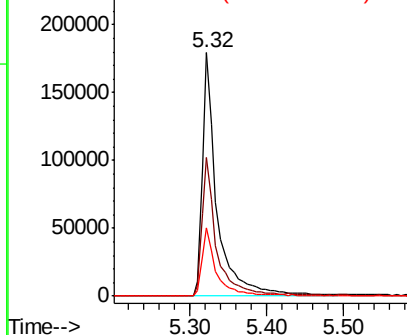
#5

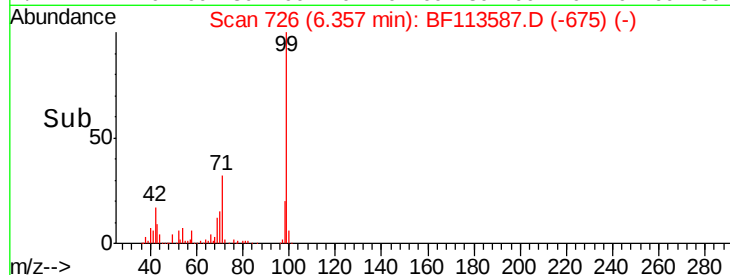
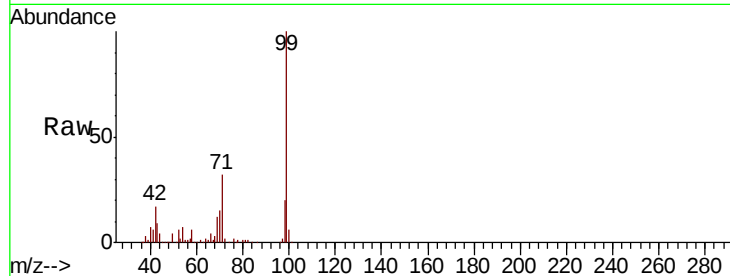
2-Fluorophenol
Concen: 32.586 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113587.D
Acq: 2 Apr 2019 3:22

Tgt Ion:112 Resp: 240270
Ion Ratio Lower Upper
112 100
64 57.0 49.2 73.8
63 27.8 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: 21.098 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113587.D

Acq: 2 Apr 2019 3:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

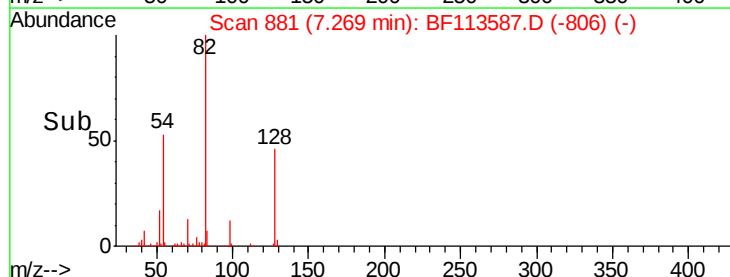
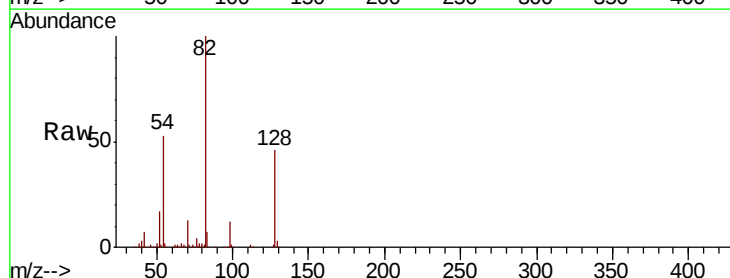
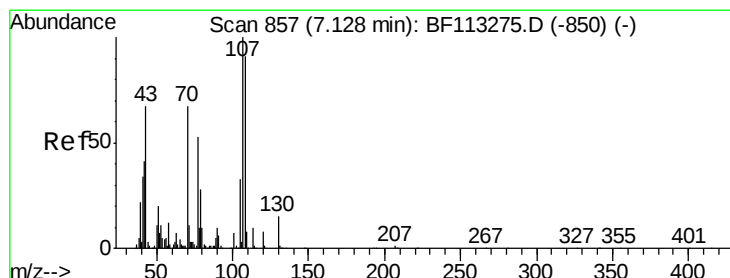
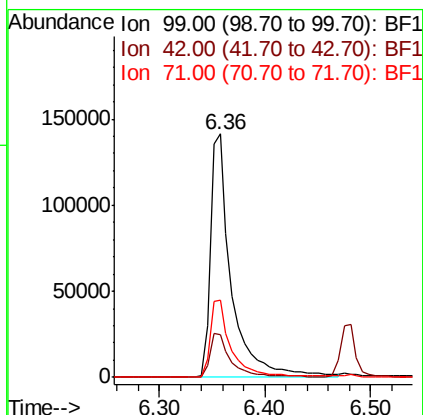
Tgt Ion: 99 Resp: 196799

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

71 31.6 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.384 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113587.D

Acq: 2 Apr 2019 3:22

Tgt Ion: 70 Resp: 78416

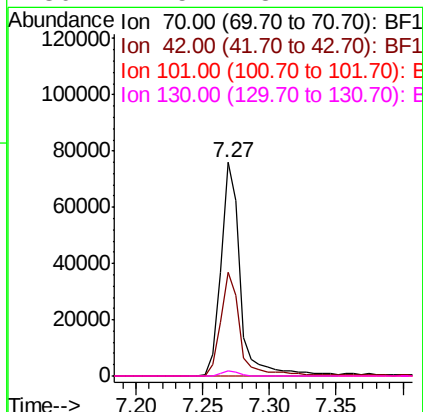
Ion Ratio Lower Upper

70 100

42 48.7 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: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF113587.D

Acq: 2 Apr 2019 3:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 136 Resp: 460452

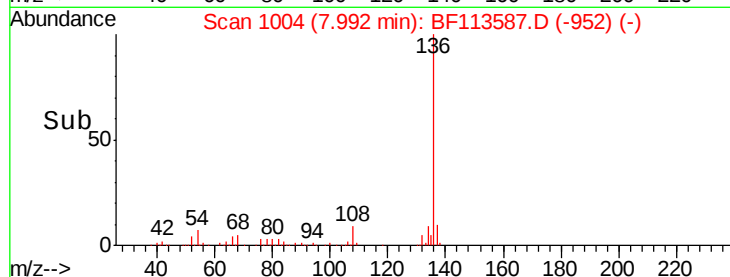
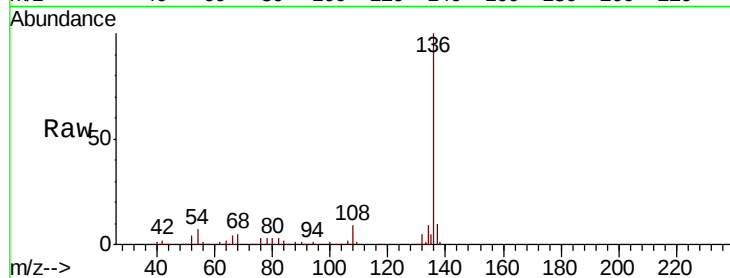
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.1 7.0 10.6

68 5.3 4.8 7.2

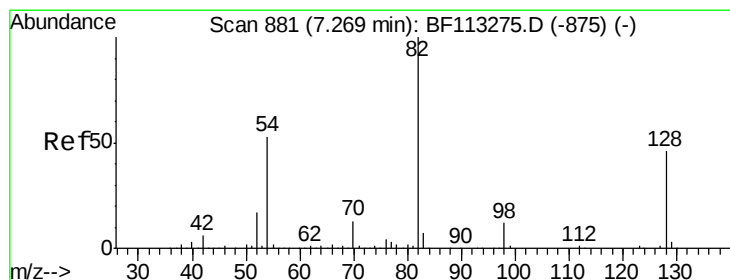
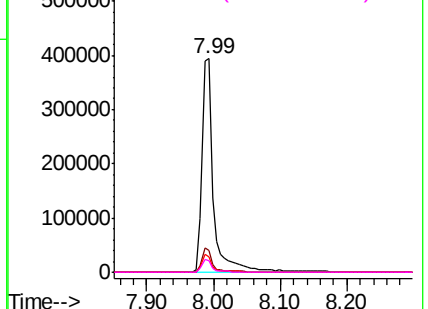


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.091 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113587.D

Acq: 2 Apr 2019 3:22

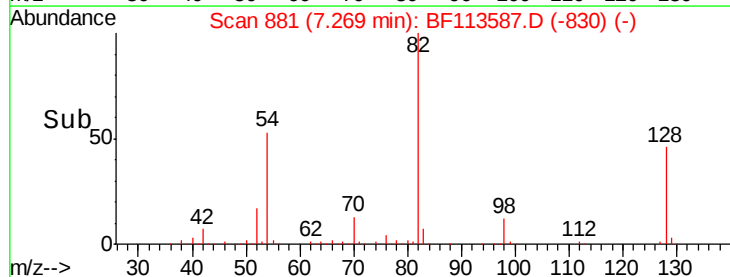
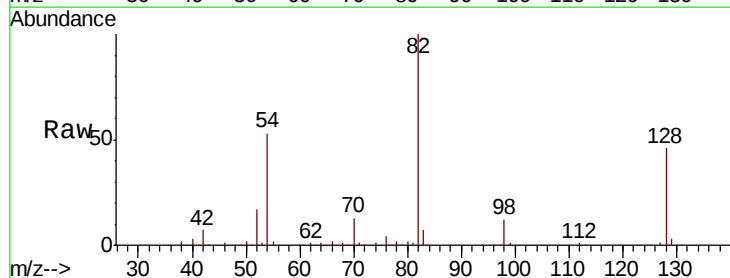
Tgt Ion: 82 Resp: 629078

Ion Ratio Lower Upper

82 100

128 46.3 36.5 54.7

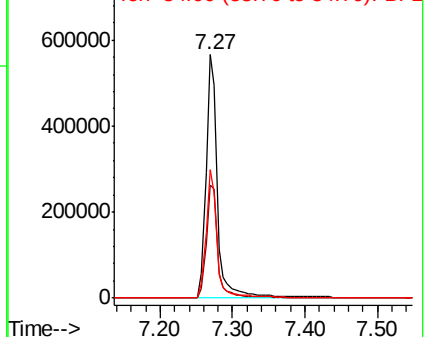
54 52.5 42.2 63.2

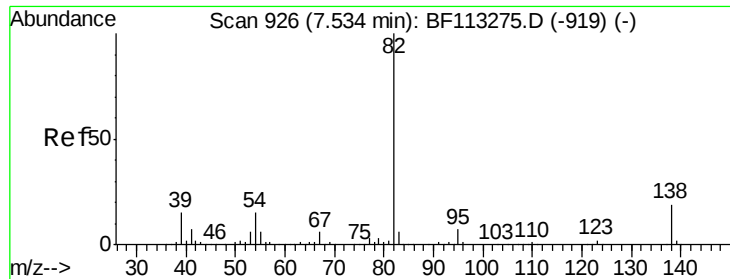


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.405 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113587.D

Acq: 2 Apr 2019 3:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

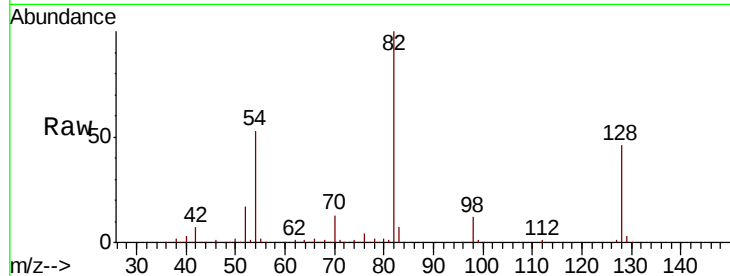
Tgt Ion: 82 Resp: 607460

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

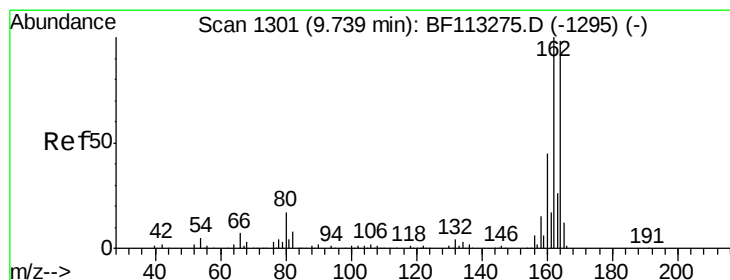
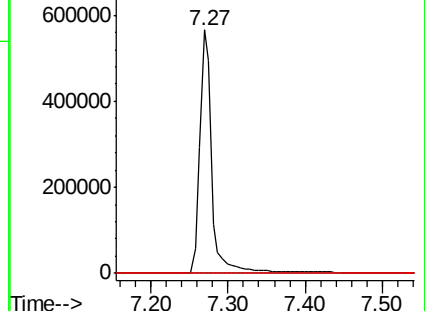
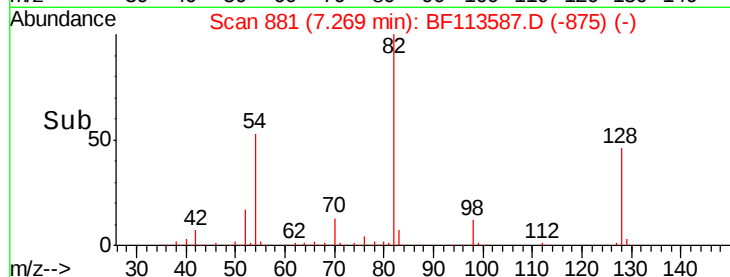
138 0.0 15.2 22.8#



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: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113587.D

Acq: 2 Apr 2019 3:22

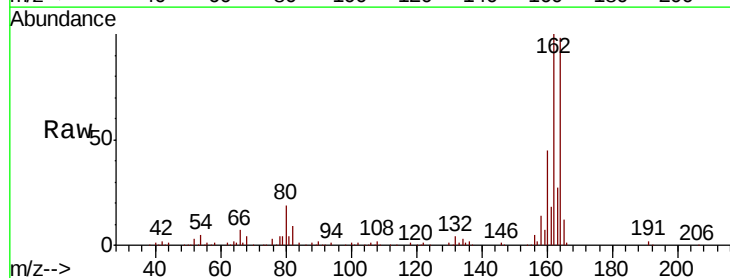
Tgt Ion: 164 Resp: 219694

Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.6

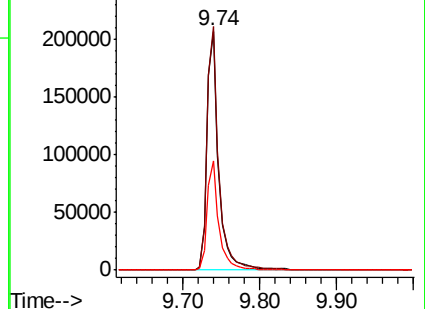
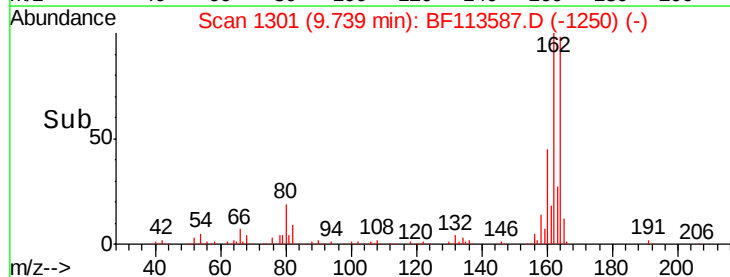
160 45.4 36.4 54.6

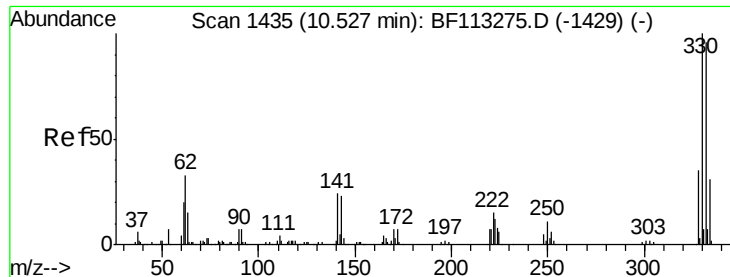


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

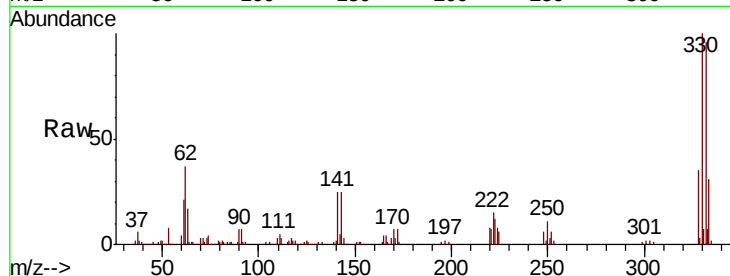




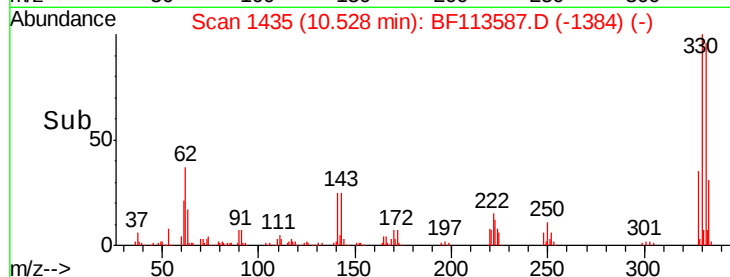
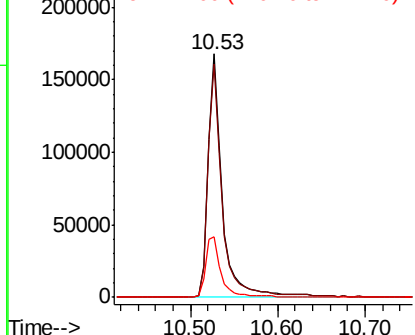
#42
 2,4,6-Tribromophenol
 Concen: 70.469 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113587.D
 Acq: 2 Apr 2019 3:22

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:330 Resp: 191232
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.8 116.6
 141 27.4 22.7 34.1

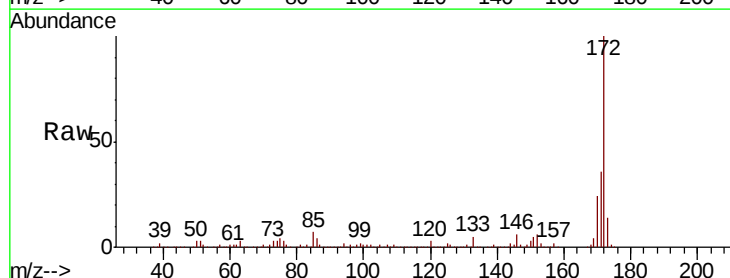


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

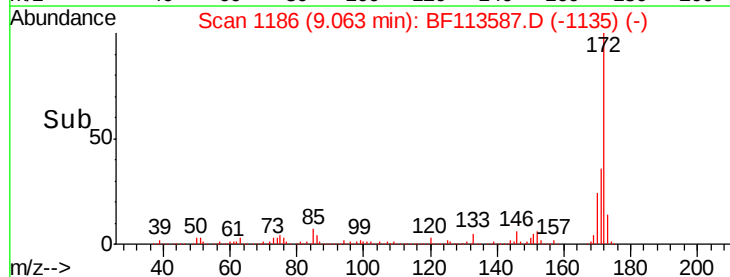
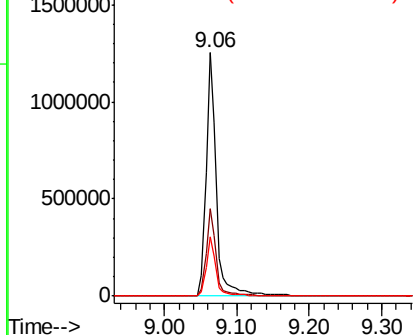


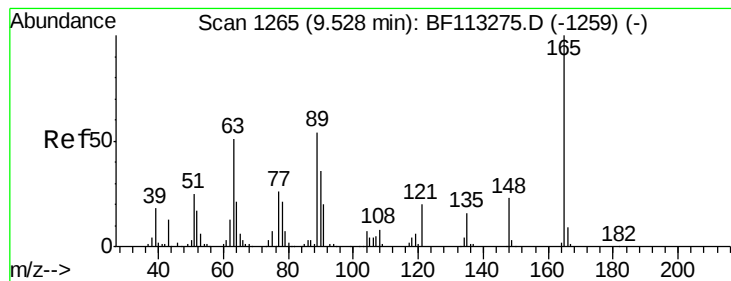
#45
 2-Fluorobiphenyl
 Concen: 90.382 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113587.D
 Acq: 2 Apr 2019 3:22

Tgt Ion:172 Resp: 1251210
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.2 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





#51

2,6-Dinitrotoluene

Concen: 7.303 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.21 min

Lab File: BF113587.D

Acq: 2 Apr 2019 3:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

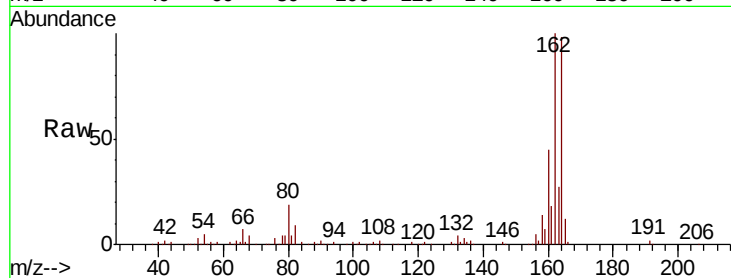
Tgt Ion:165 Resp: 26823

Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

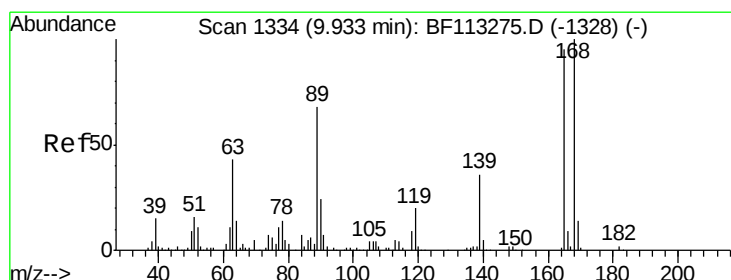
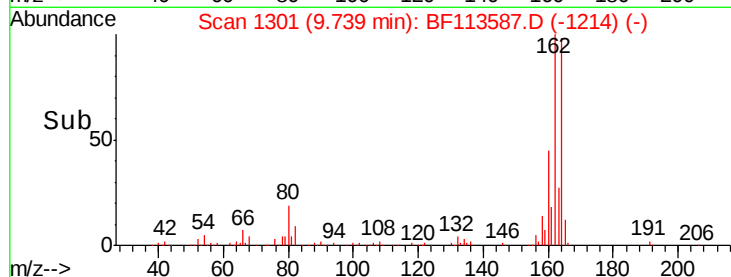
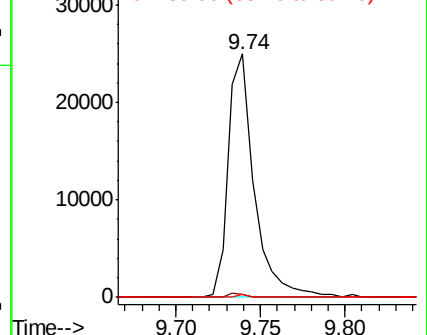
89 1.4 43.1 64.7#



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: 5.766 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.19 min

Lab File: BF113587.D

Acq: 2 Apr 2019 3:22

Tgt Ion:165 Resp: 26931

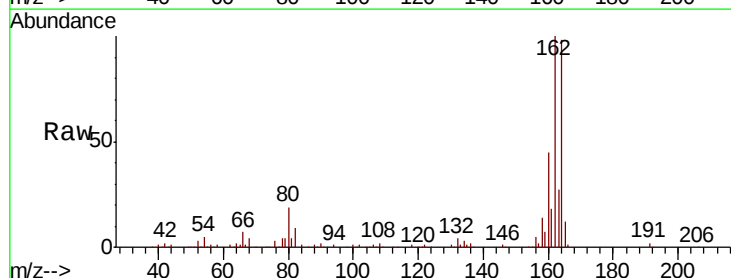
Ion Ratio Lower Upper

165 100

63 1.5 37.5 56.3#

89 1.4 57.4 86.2#

182 0.0 2.0 3.0#

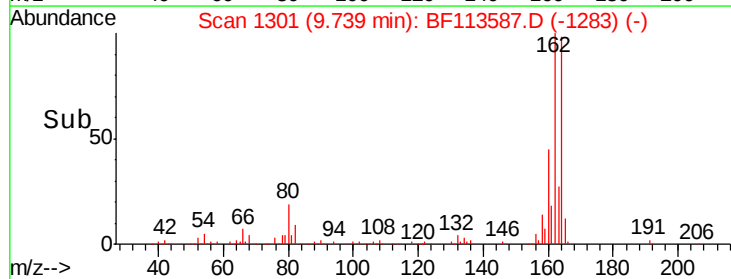
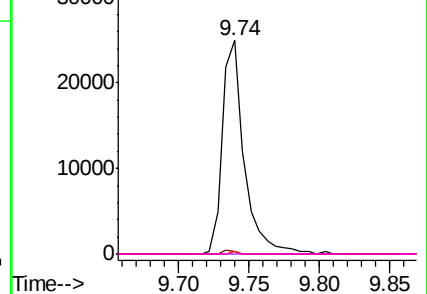


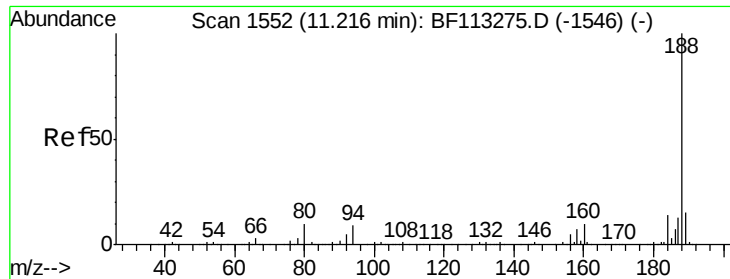
Abundance Ion 165.00 (164.70 to 165.70): E

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

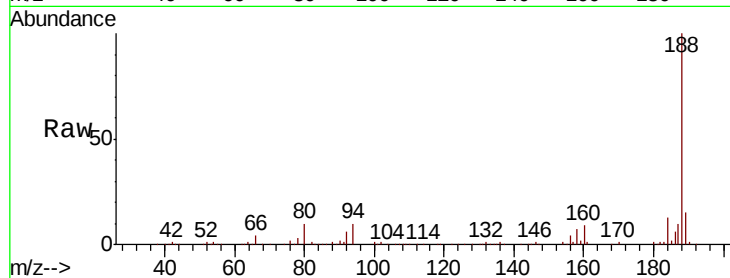




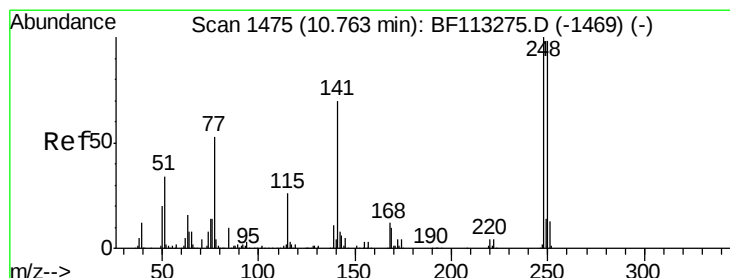
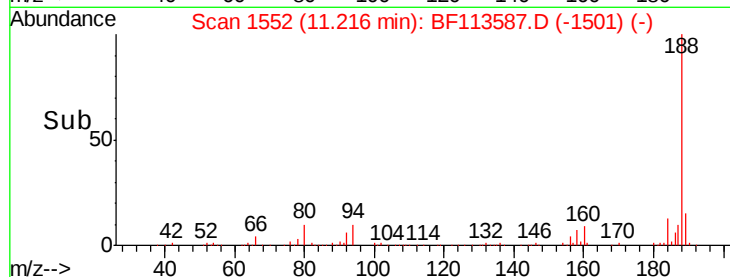
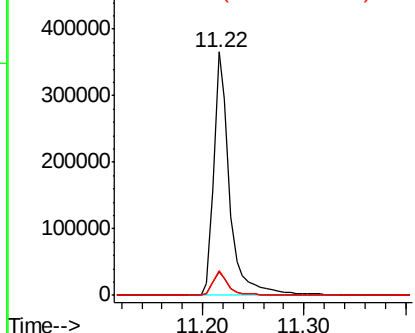
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113587.D
Acq: 2 Apr 2019 3:22

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 399978
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.4 7.7 11.5

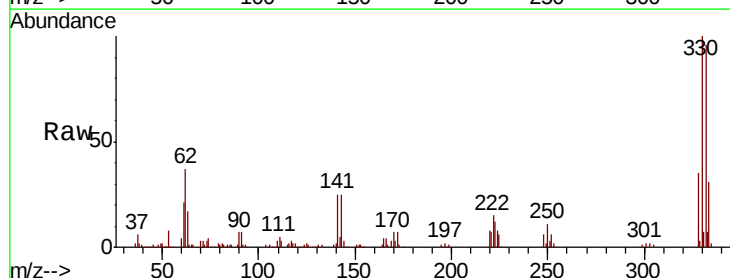


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

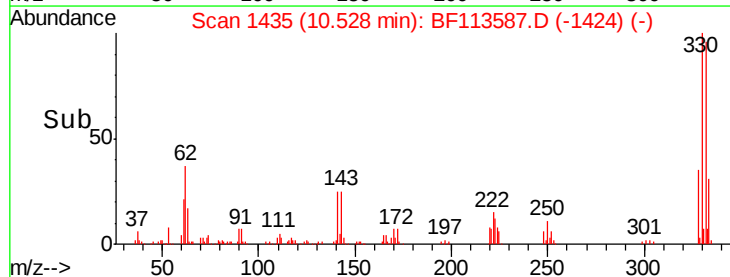
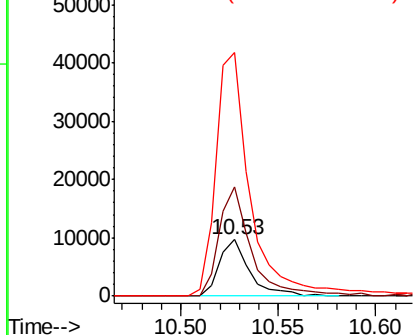


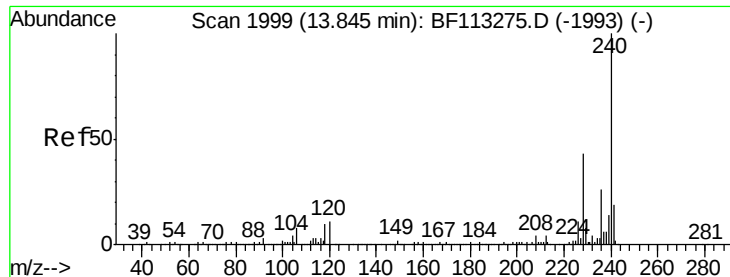
#67
4-Bromophenyl-phenylether
Concen: 2.387 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF113587.D
Acq: 2 Apr 2019 3:22

Tgt Ion:248 Resp: 10408
Ion Ratio Lower Upper
248 100
250 193.2 78.3 117.5#
141 433.2 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

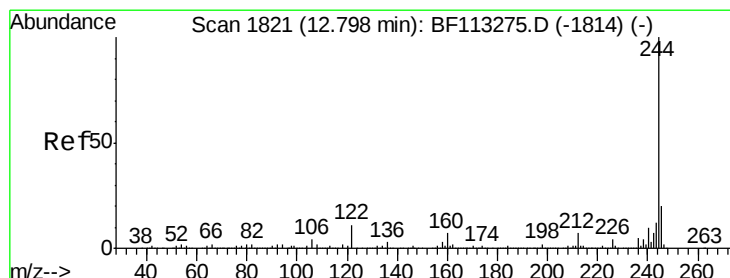
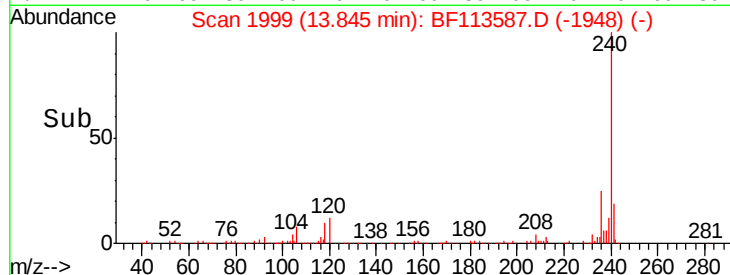
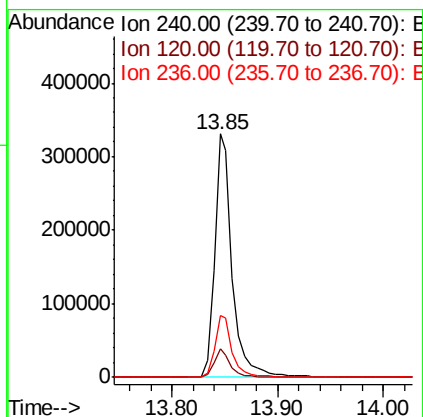
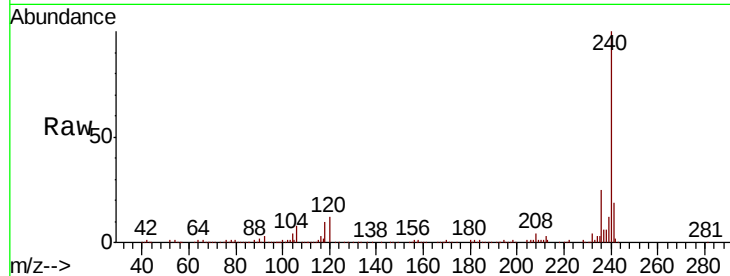




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113587.D
Acq: 2 Apr 2019 3:22

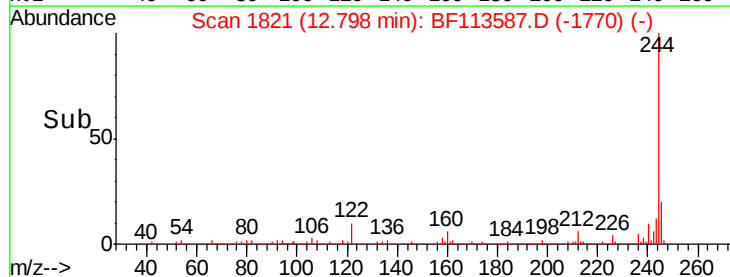
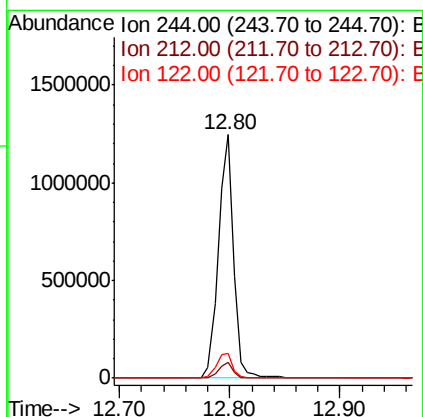
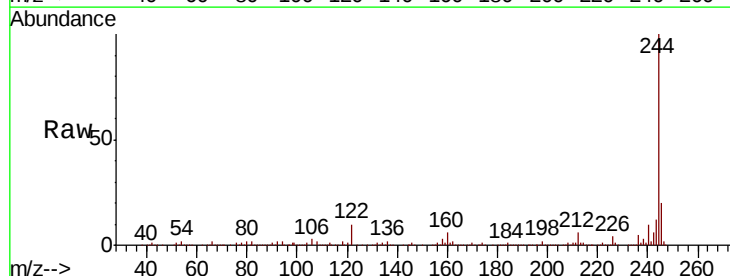
Instrument :
BNA_F
ClientSampleId :
DFTPP

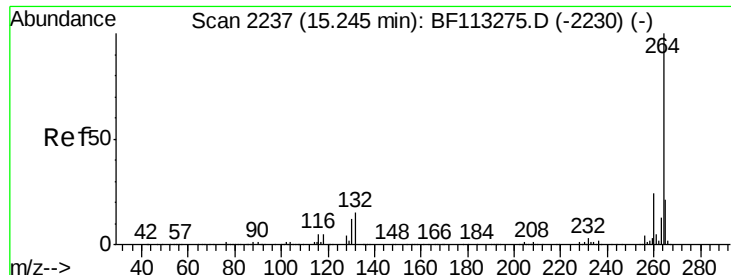
Tgt Ion:240 Resp: 385827
Ion Ratio Lower Upper
240 100
120 11.7 8.8 13.2
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 67.846 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF113587.D
Acq: 2 Apr 2019 3:22

Tgt Ion:244 Resp: 1187597
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 10.2 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113587.D
Acq: 2 Apr 2019 3:22

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.0	17.1	25.7

