

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113289.D
 Acq On : 26 Mar 2019 13:52
 Operator : JU/SJ
 Sample : PB118273BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BL

Quant Time: Mar 27 04:56:27 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

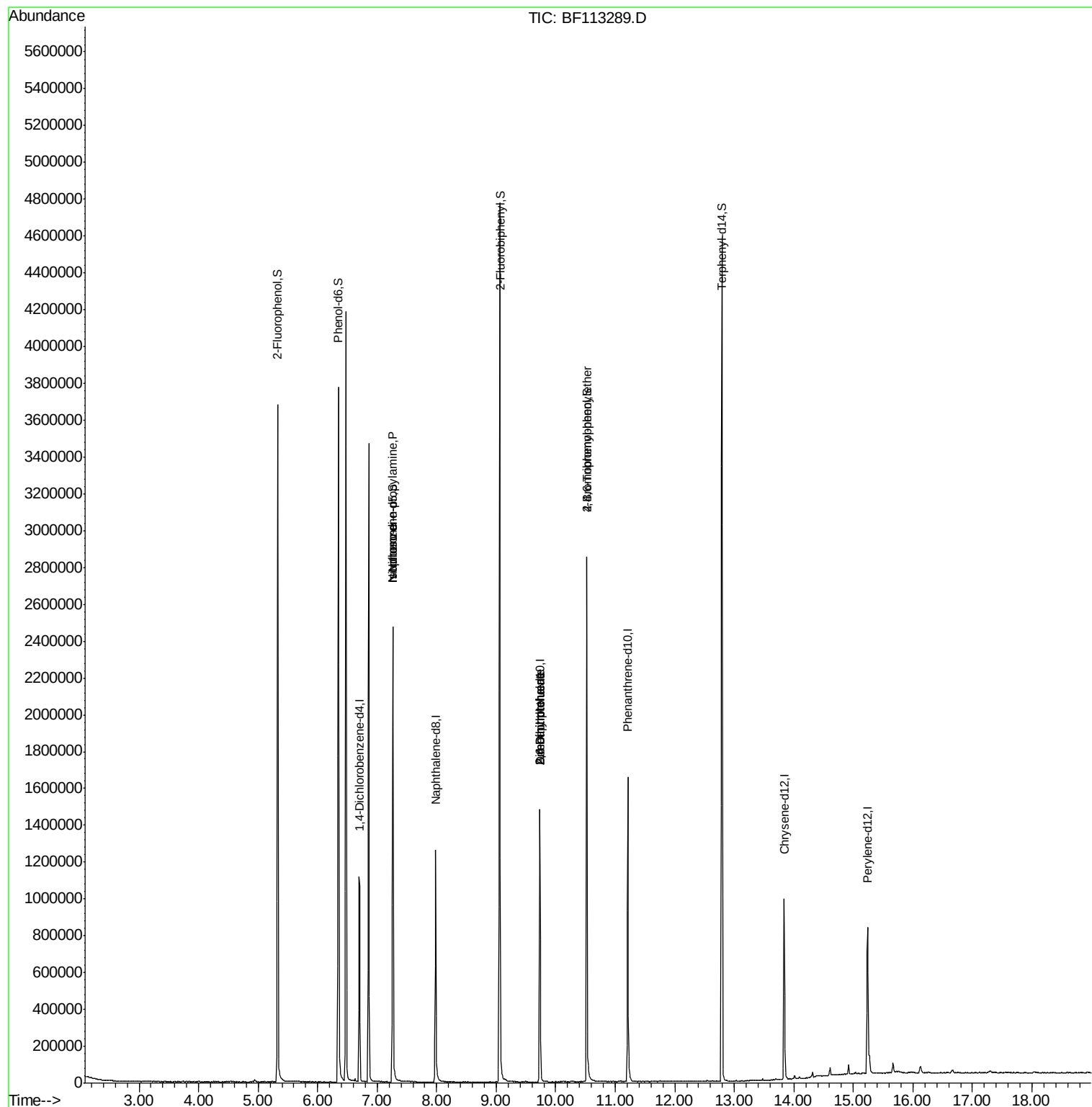
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	186462	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	697691	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	332052	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	703709	20.00	ng	0.00
76) Chrysene-d12	13.84	240	428777	20.00	ng	0.00
87) Perylene-d12	15.24	264	404036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1206721	105.82	ng	0.01
7) Phenol-d6	6.35	99	1560924	108.20	ng	0.00
23) Nitrobenzene-d5	7.26	82	992798	84.46	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	431571	105.22	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1786466	84.15	ng	0.00
79) Terphenyl-d14	12.79	244	1786754	91.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	128462	14.177	ng	# 76
25) Isophorone	7.26	82	975045	42.802	ng	# 64
50) Dimethylphthalate	9.73	163	82896	3.369	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	42559	7.666	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	42559	6.028	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	24206	3.156	ng	# 1

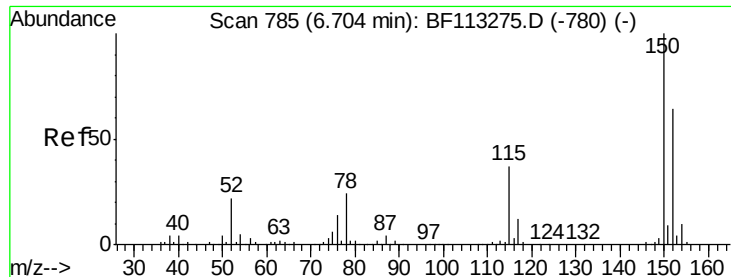
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113289.D
Acq On : 26 Mar 2019 13:52
Operator : JU/SJ
Sample : PB118273BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB118273BL

Quant Time: Mar 27 04:56:27 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



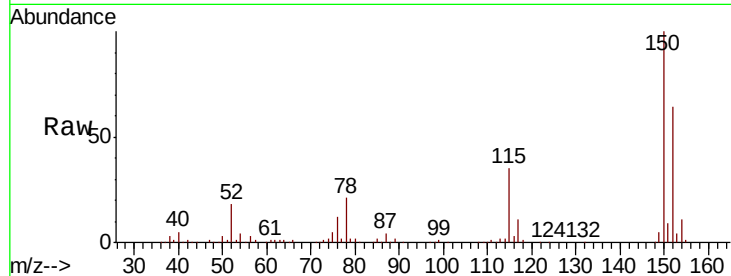


#1

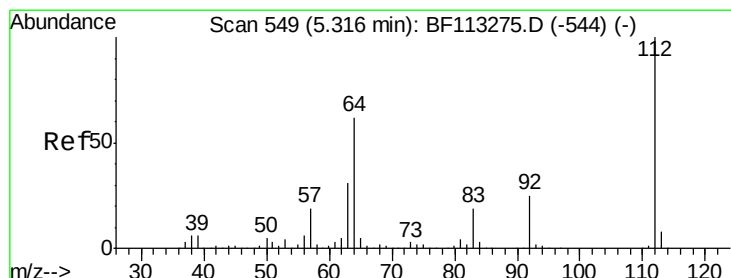
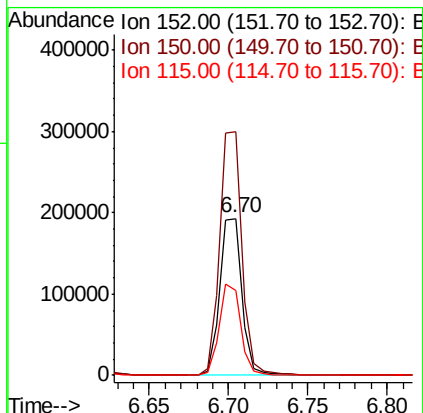
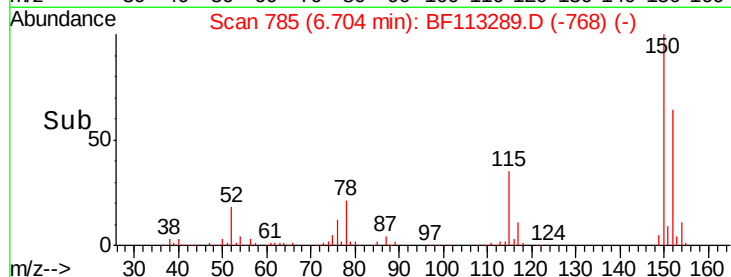
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113289.D
Acq: 26 Mar 2019 13:52

Instrument :
BNA_F
ClientSampleId :
PB118273BL

Tgt Ion:152 Resp: 186462
Ion Ratio Lower Upper
152 100
150 155.5 124.7 187.1
115 54.6 46.0 69.0



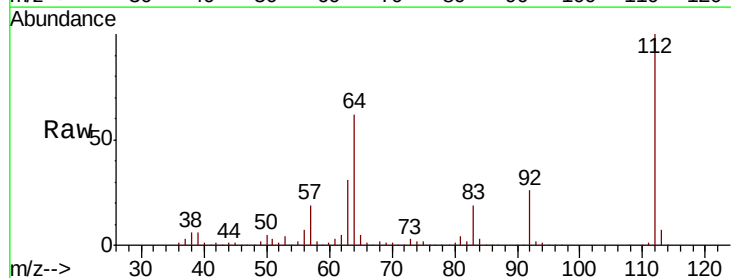
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



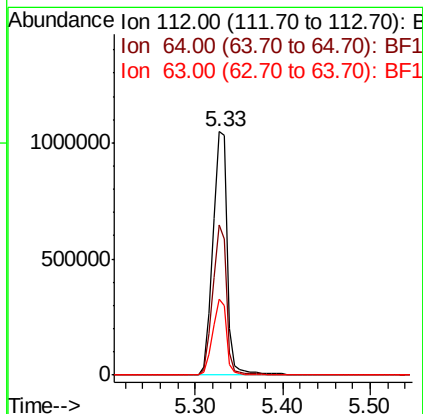
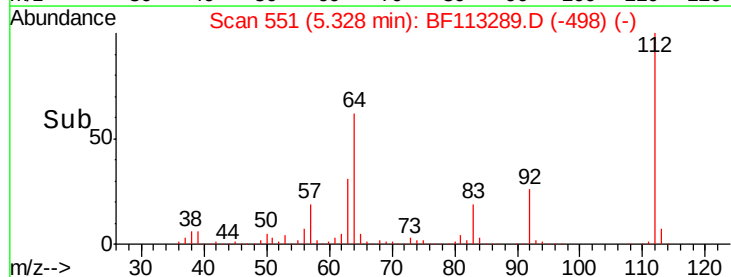
#5

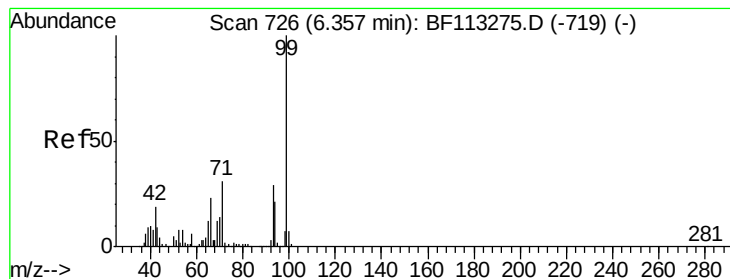
2-Fluorophenol
Concen: 105.820 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113289.D
Acq: 26 Mar 2019 13:52

Tgt Ion:112 Resp: 1206721
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 31.2 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: 108.201 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB118273BL

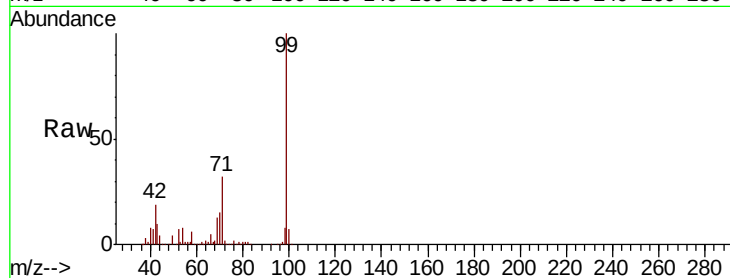
Tgt Ion: 99 Resp: 1560924

Ion Ratio Lower Upper

99 100

42 19.3 14.8 22.2

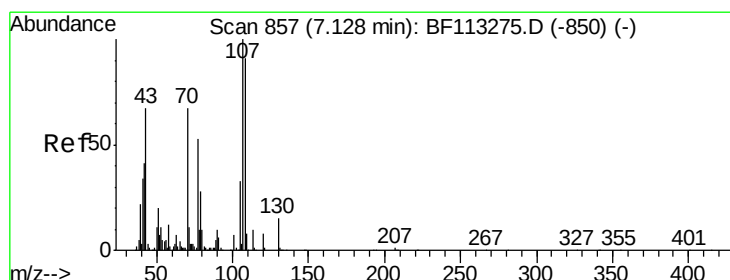
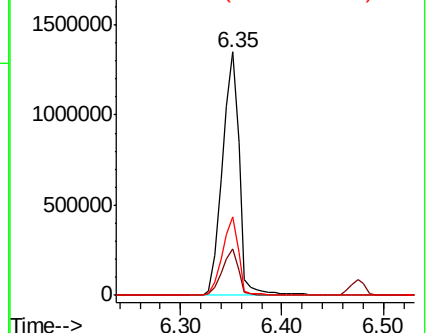
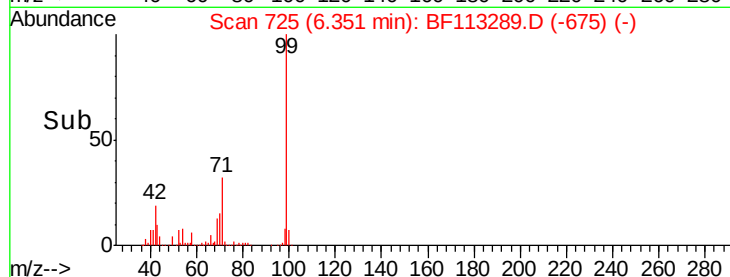
71 32.3 24.9 37.3



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: 14.177 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

Tgt Ion: 70 Resp: 128462

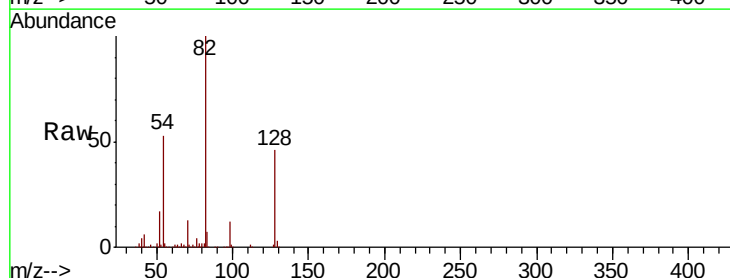
Ion Ratio Lower Upper

70 100

42 48.4 48.4 72.6

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

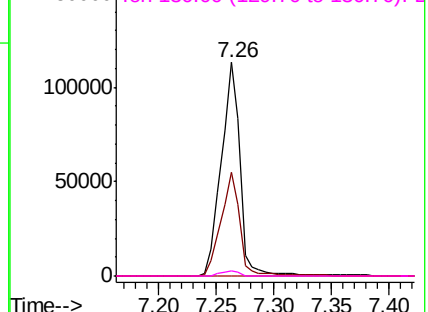
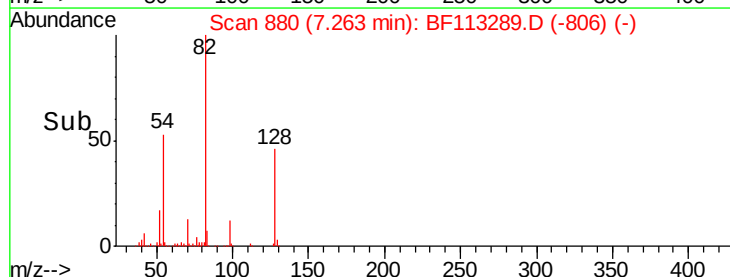


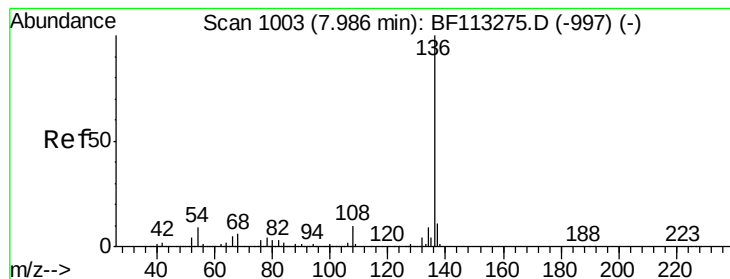
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB118273BL

Tgt Ion: 136 Resp: 697691

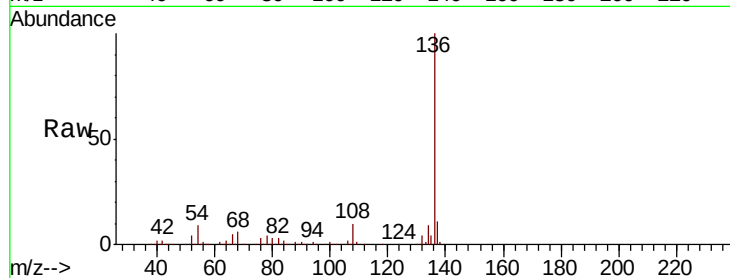
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.5 7.0 10.6

68 6.1 4.8 7.2

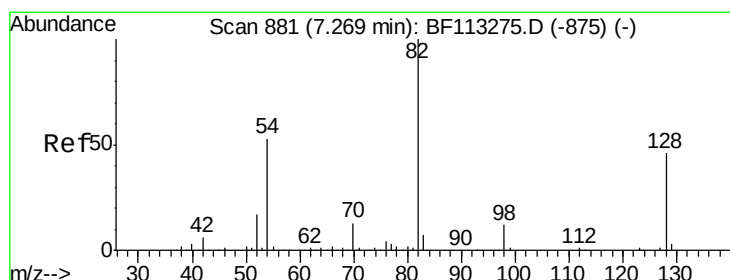
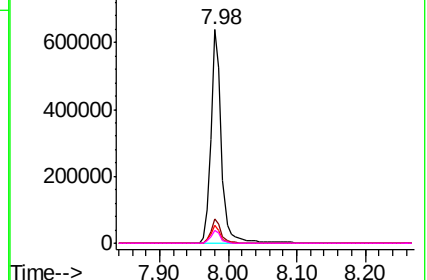
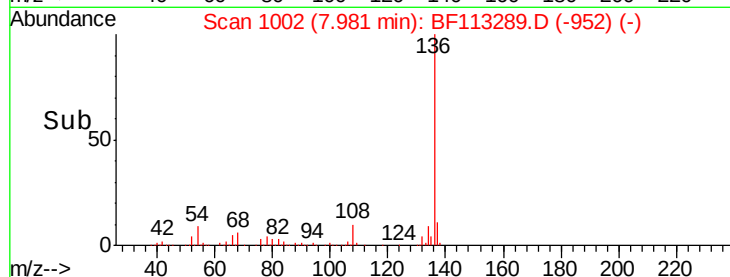


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.459 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

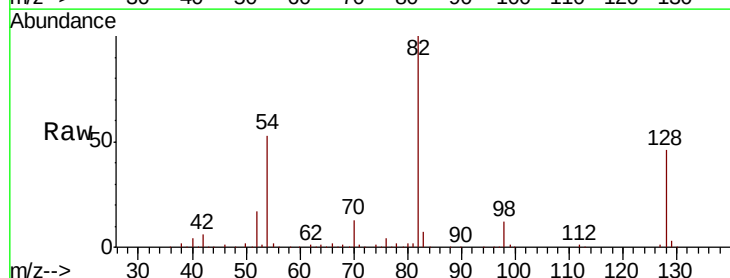
Tgt Ion: 82 Resp: 992798

Ion Ratio Lower Upper

82 100

128 45.9 36.5 54.7

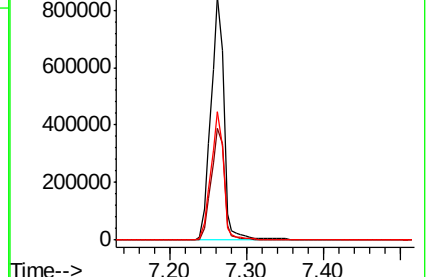
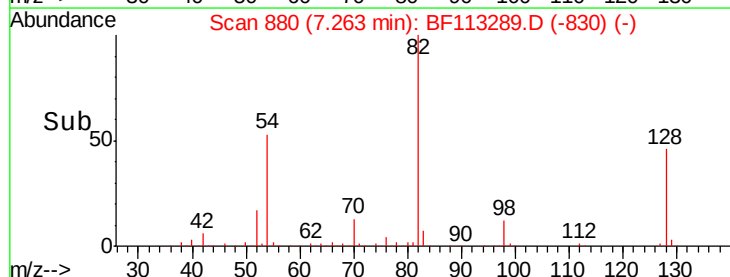
54 52.9 42.2 63.2

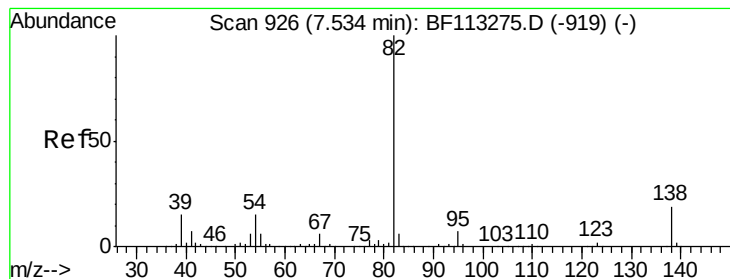


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.802 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB118273BL

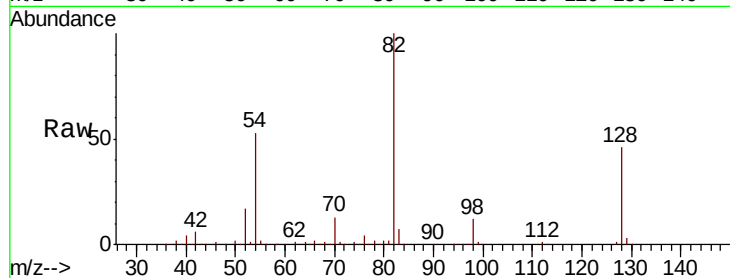
Tgt Ion: 82 Resp: 975045

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

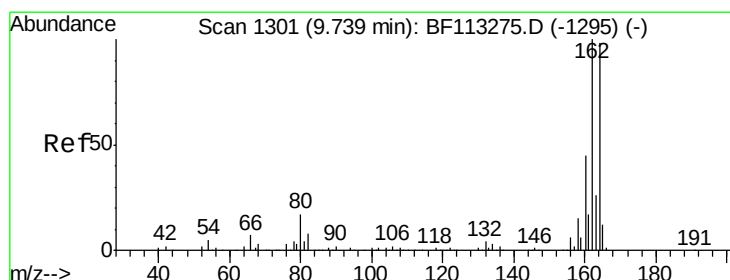
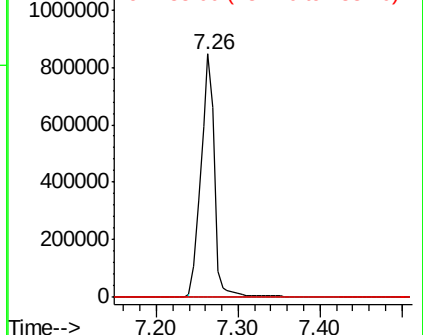
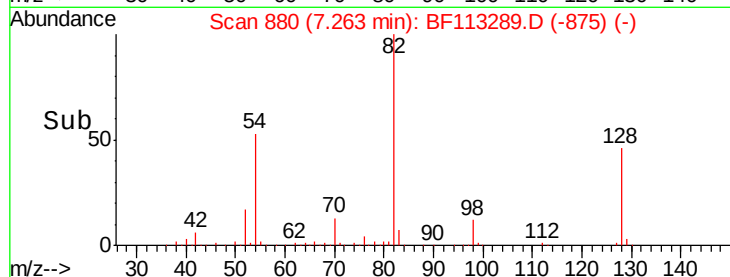
138 0.0 15.2 22.8#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

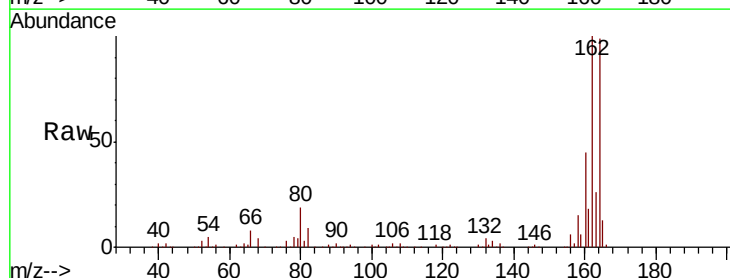
Tgt Ion: 164 Resp: 332052

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

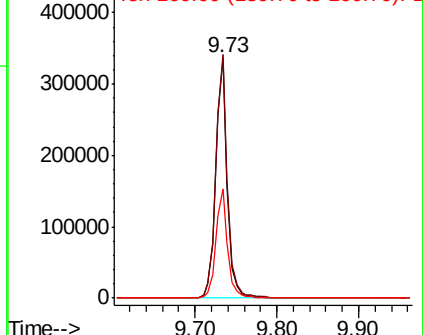
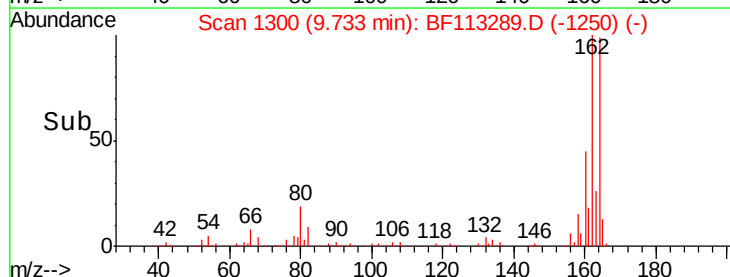
160 45.2 36.4 54.6

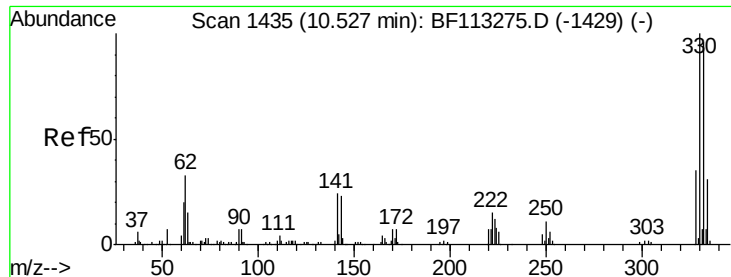


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

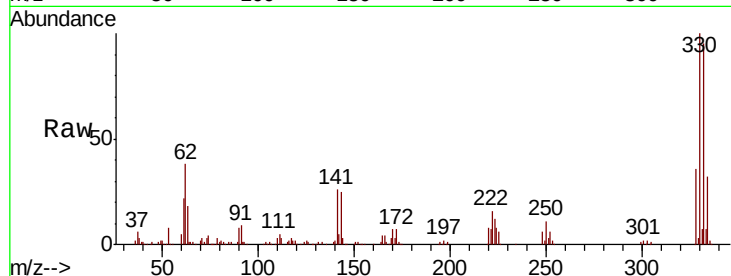




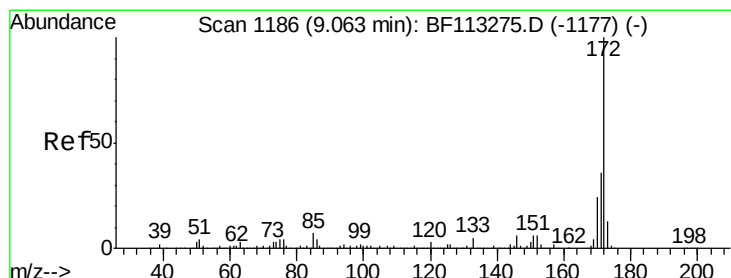
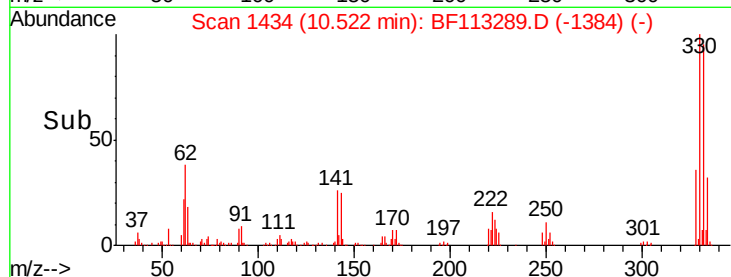
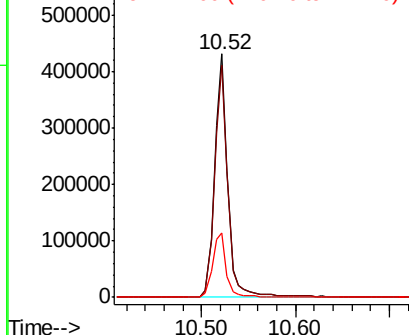
#42
 2,4,6-Tribromophenol
 Concen: 105.220 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113289.D
 Acq: 26 Mar 2019 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BL

Tgt Ion:330 Resp: 431571
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.8 116.6
 141 28.2 22.7 34.1

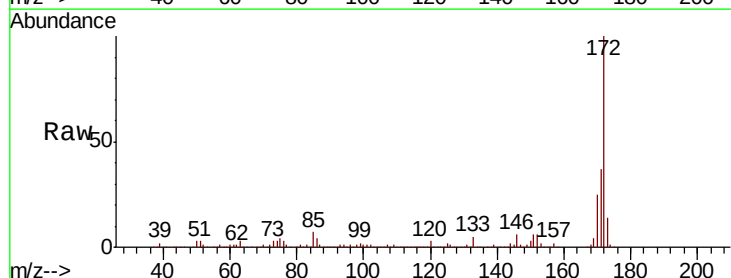


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

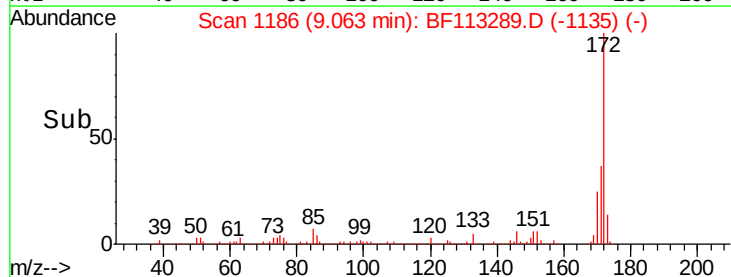
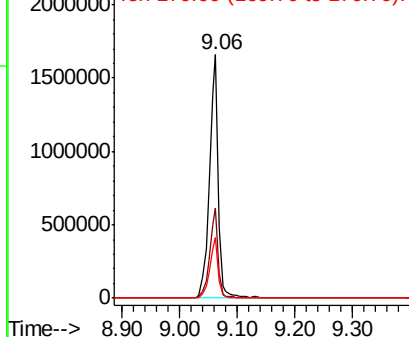


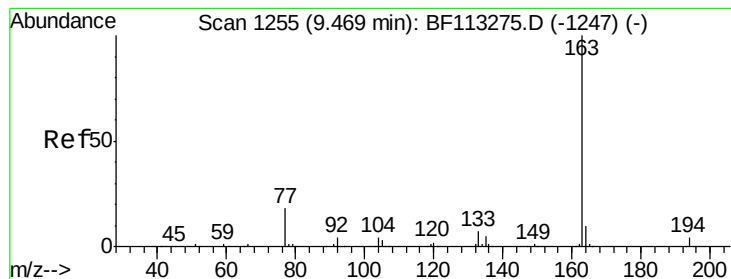
#45
 2-Fluorobiphenyl
 Concen: 84.148 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113289.D
 Acq: 26 Mar 2019 13:52

Tgt Ion:172 Resp: 1786466
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.0 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: 3.369 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.26 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB118273BL

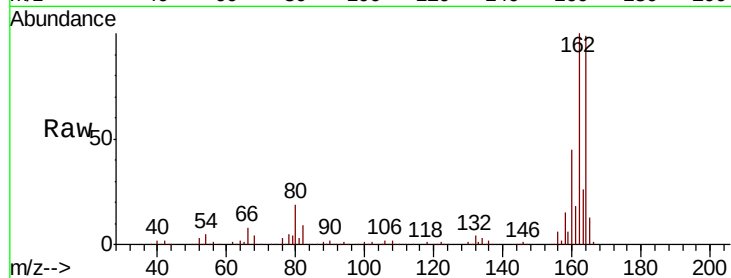
Tgt Ion:163 Resp: 82896

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

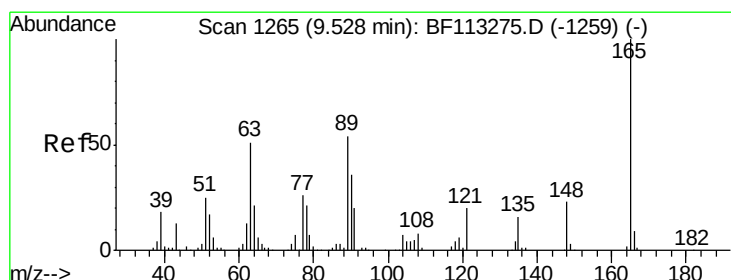
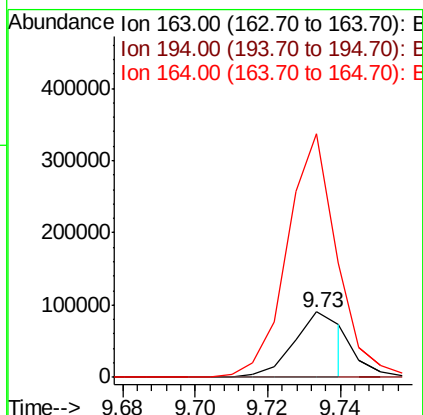
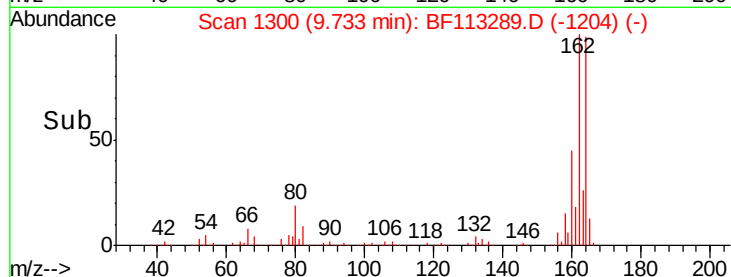
164 372.7 8.1 12.1#



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: 7.666 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

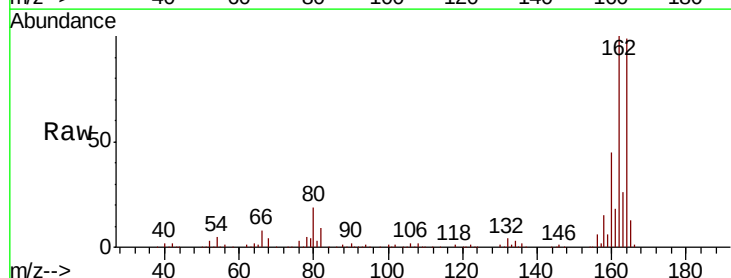
Tgt Ion:165 Resp: 42559

Ion Ratio Lower Upper

165 100

63 0.9 43.4 65.0#

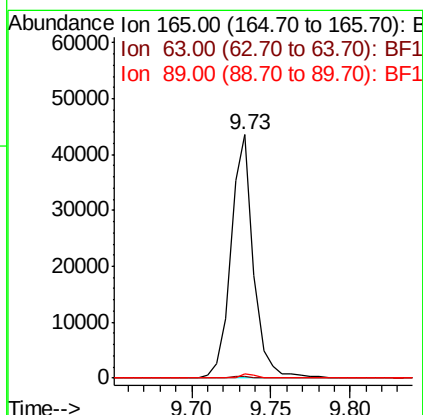
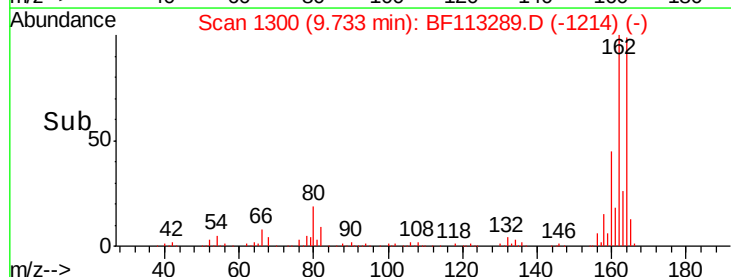
89 1.5 43.1 64.7#

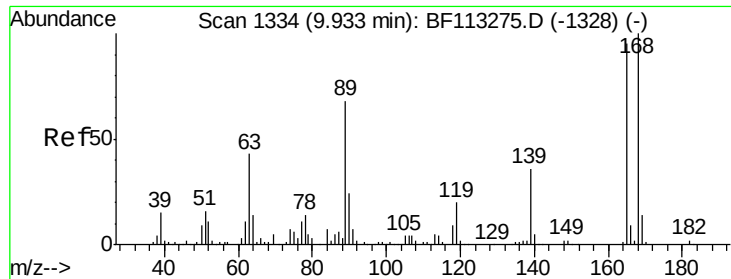


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

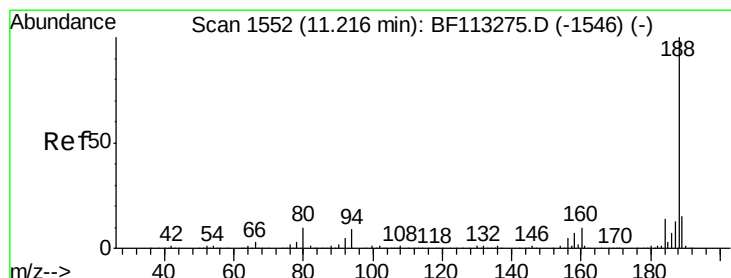
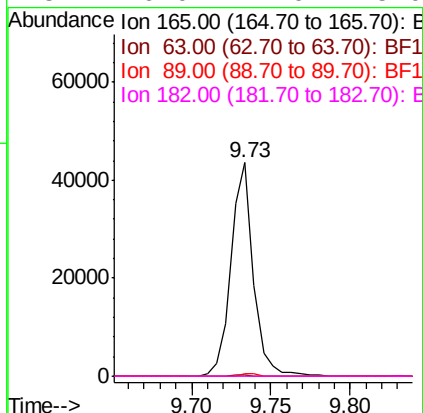
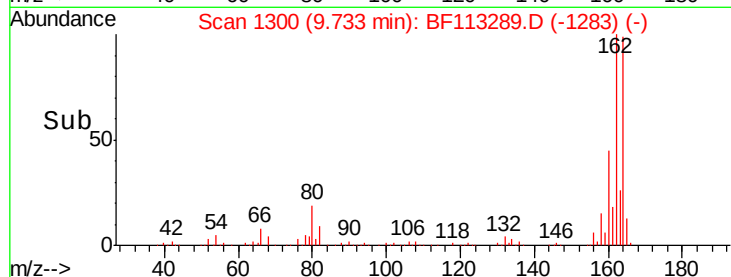
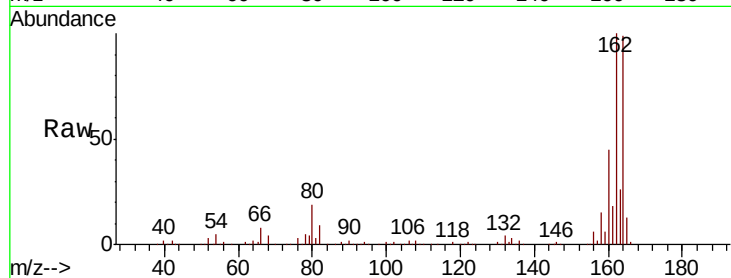




#57
 2,4-Dinitrotoluene
 Concen: 6.028 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113289.D
 Acq: 26 Mar 2019 13:52

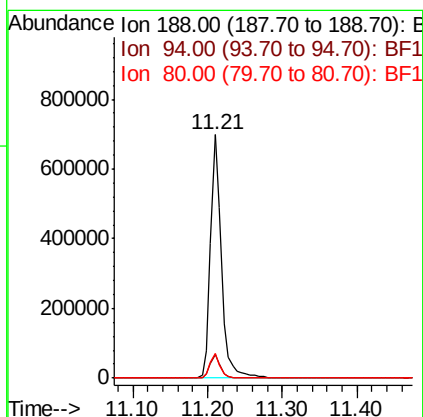
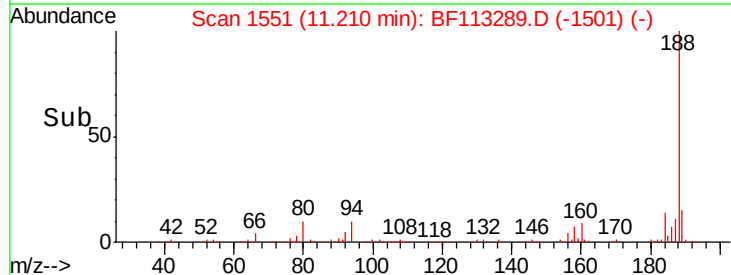
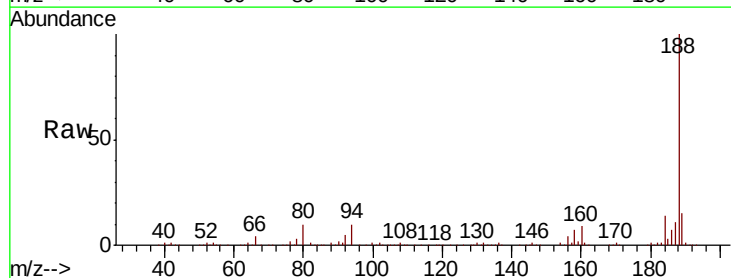
Instrument :
 BNA_F
 ClientSampleId :
 PB118273BL

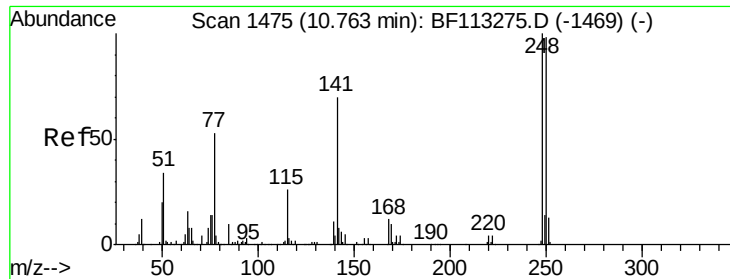
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	37.5	56.3#
89	1.5	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113289.D
 Acq: 26 Mar 2019 13:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	9.9	7.7	11.5

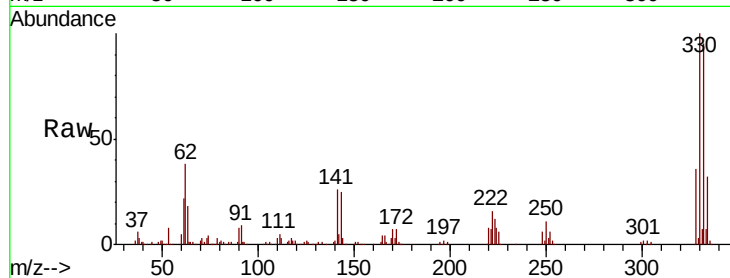




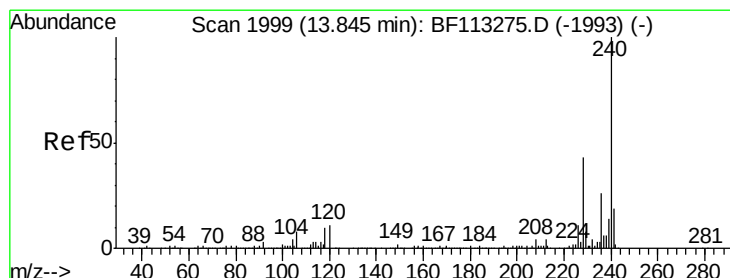
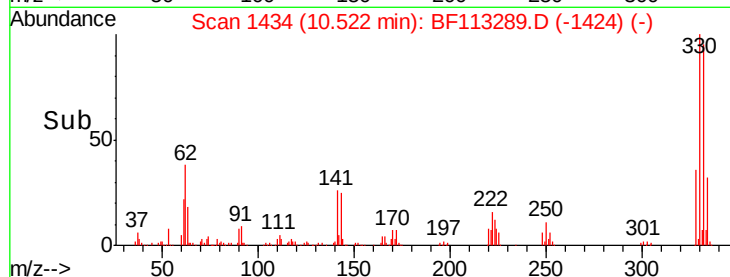
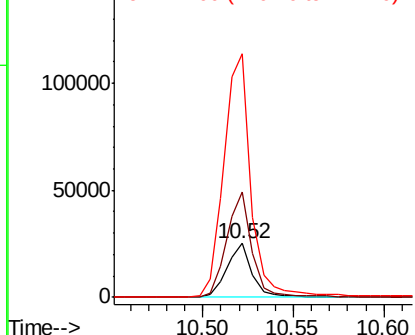
#67
4-Bromophenyl-phenylether
Concen: 3.156 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113289.D
Acq: 26 Mar 2019 13:52

Instrument :
BNA_F
ClientSampleId :
PB118273BL

Tgt Ion:248 Resp: 24206
Ion Ratio Lower Upper
248 100
250 196.4 78.3 117.5#
141 453.4 56.2 84.4#

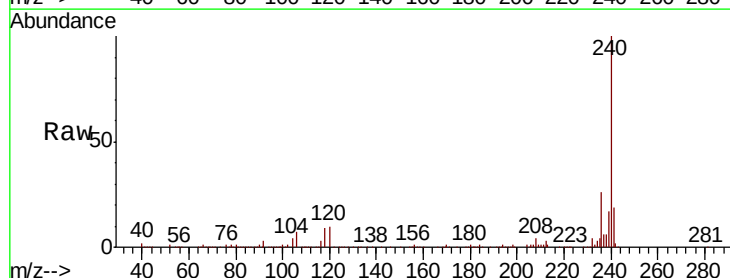


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

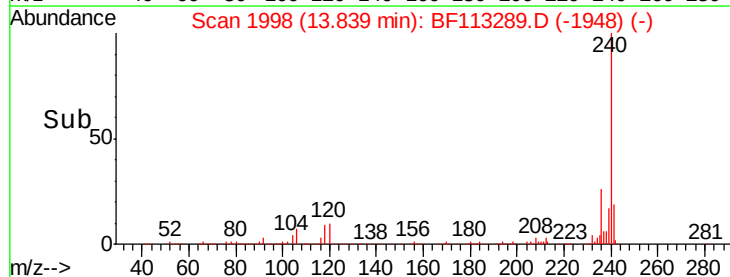
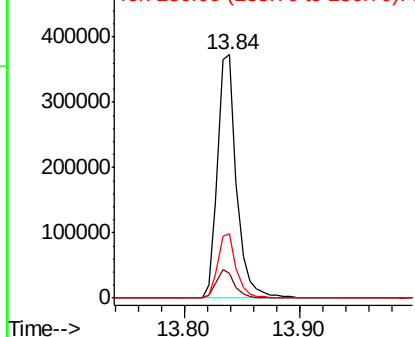


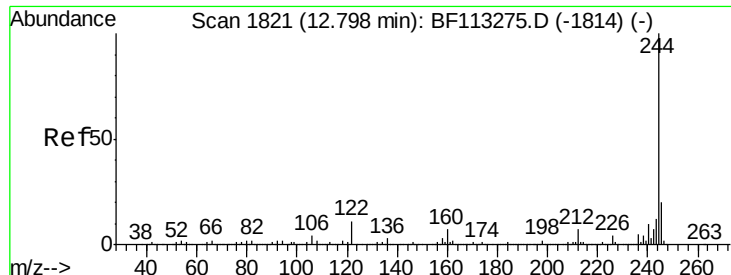
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113289.D
Acq: 26 Mar 2019 13:52

Tgt Ion:240 Resp: 428777
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 26.4 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: 91.850 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB118273BL

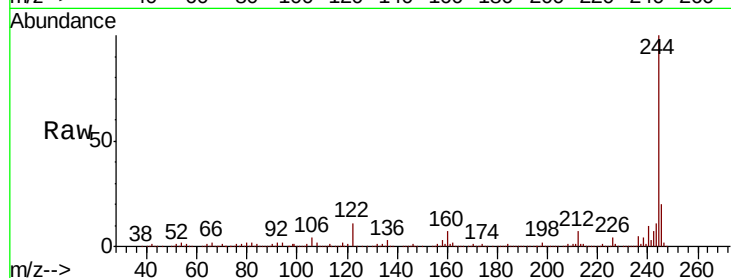
Tgt Ion:244 Resp: 1786754

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

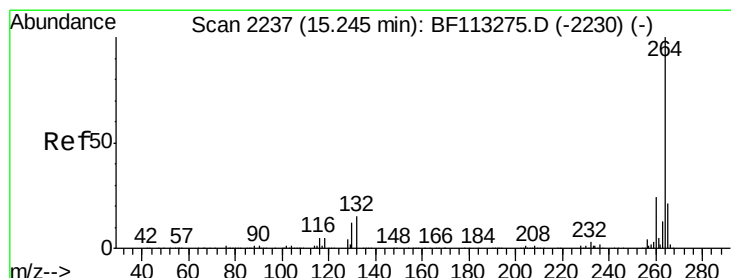
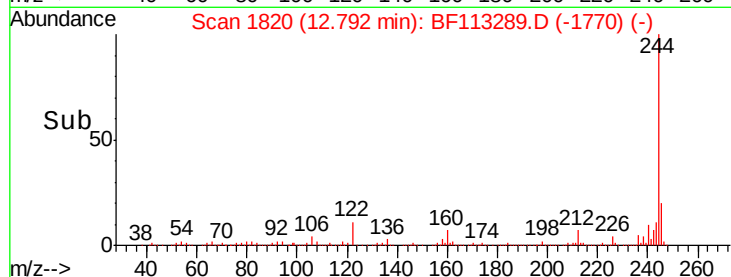
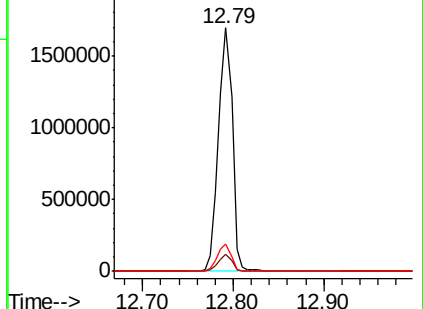
122 11.4 8.6 13.0



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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

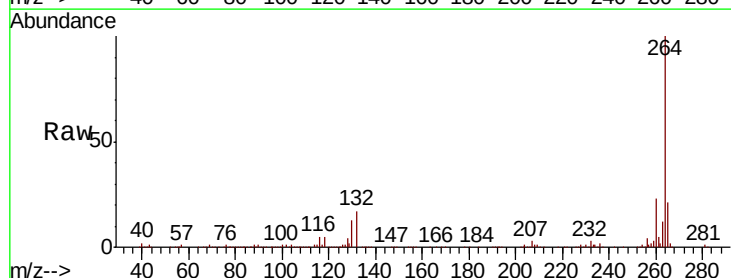
Tgt Ion:264 Resp: 404036

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.2 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

