

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113435.D
 Acq On : 30 Mar 2019 1:37
 Operator : JU/SJ
 Sample : K2153-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Mar 30 02:08:39 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	137694	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	522217	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	250722	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	487142	20.00	ng	0.00
76) Chrysene-d12	13.85	240	489060	20.00	ng	0.00
87) Perylene-d12	15.24	264	389102	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	220514	26.19	ng	0.00
7) Phenol-d6	6.35	99	742129	69.66	ng	0.00
23) Nitrobenzene-d5	7.27	82	601380	68.35	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	12539	4.05	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1177444	70.62	ng	0.00
79) Terphenyl-d14	12.79	244	1298713	58.53	ng	0.00

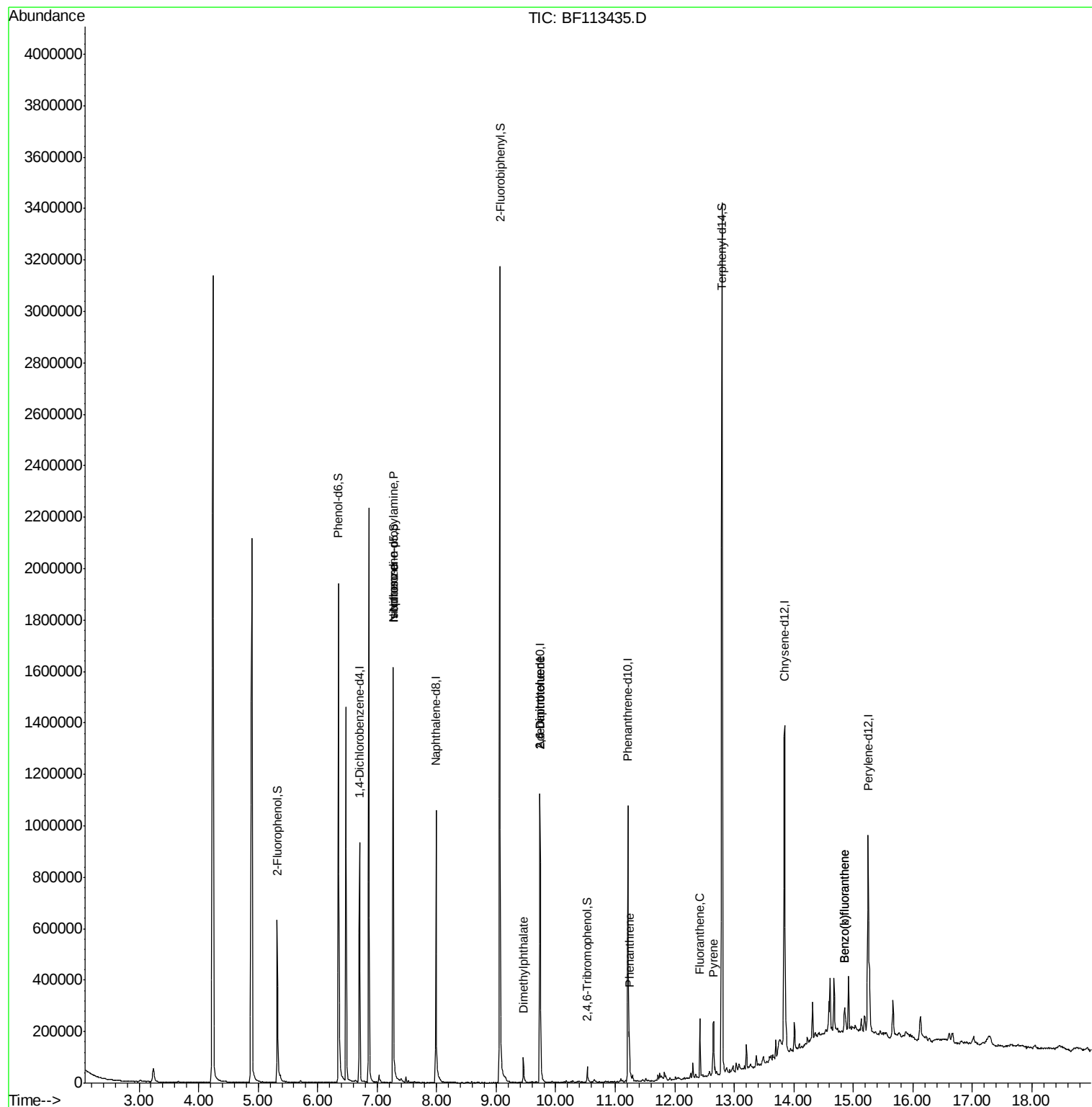
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	78203	11.687	ng	# 75
25) Isophorone	7.27	82	589546	34.576	ng	# 64
50) Dimethylphthalate	9.46	163	57815	3.112	ng	98
51) 2,6-Dinitrotoluene	9.73	165	32024	7.640	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	32024	6.008	ng	# 23
71) Phenanthrene	11.24	178	58589	2.422	ng	97
75) Fluoranthene	12.42	202	97474	3.564	ng	98
78) Pyrene	12.65	202	101931	3.008	ng	96
88) Benzo(b)fluoranthene	14.85	252	63320	2.620	ng	# 90
89) Benzo(k)fluoranthene	14.85	252	63320	2.983	ng	# 89

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

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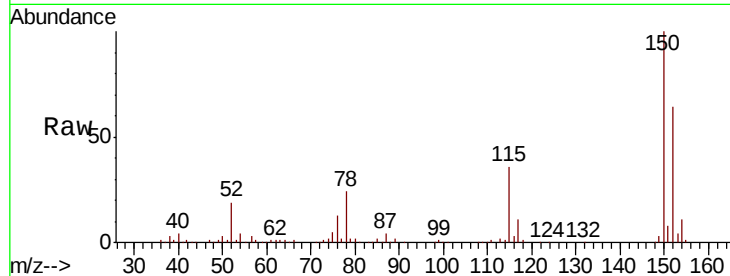


#1

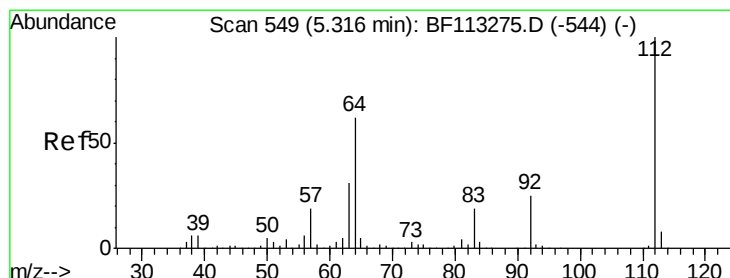
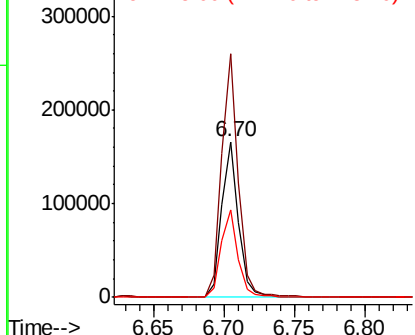
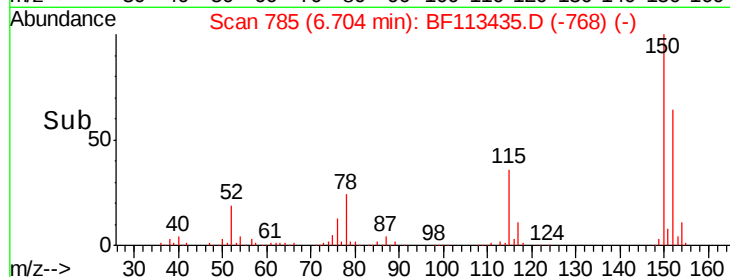
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:152 Resp: 137694
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.7 187.1
 115 56.4 46.0 69.0



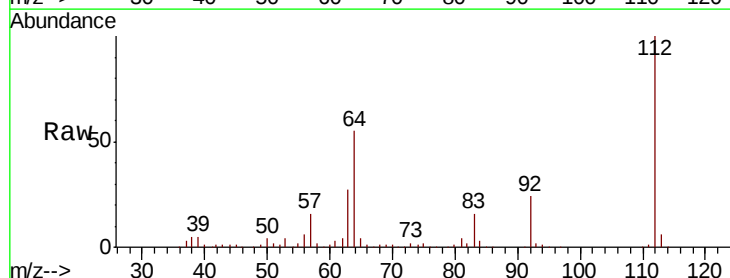
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



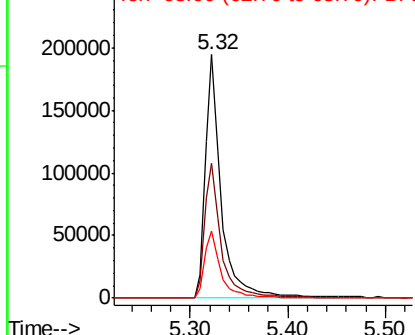
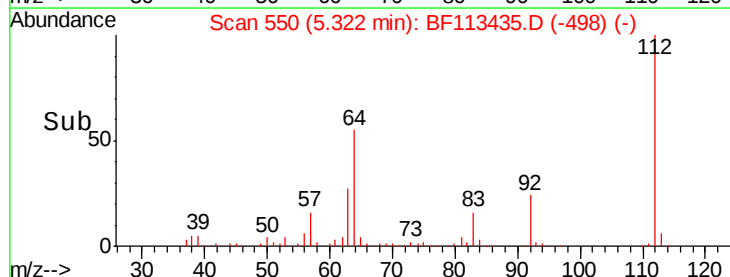
#5

2-Fluorophenol
 Concen: 26.186 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Tgt Ion:112 Resp: 220514
 Ion Ratio Lower Upper
 112 100
 64 55.5 49.2 73.8
 63 27.4 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: 69.663 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

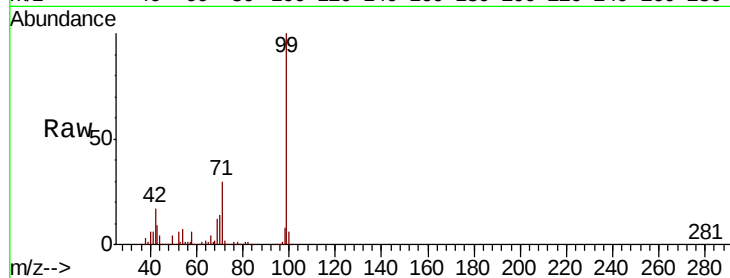
Tgt Ion: 99 Resp: 742129

Ion Ratio Lower Upper

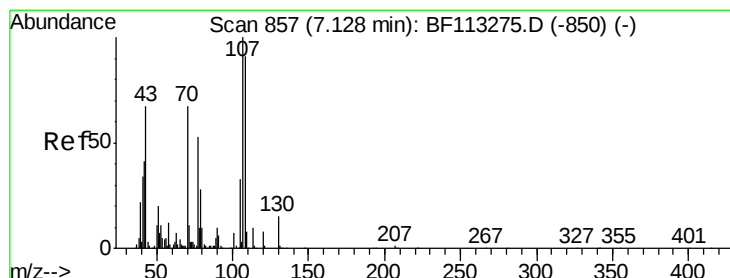
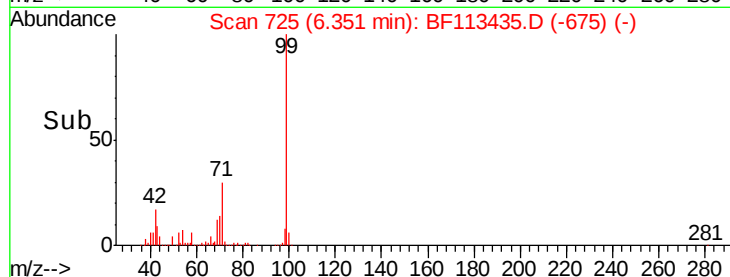
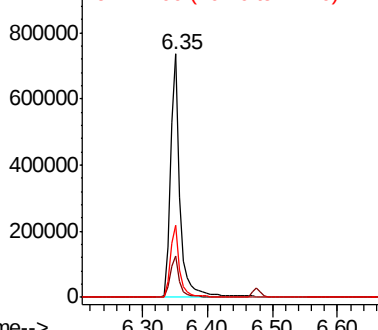
99 100

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: 11.687 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

Tgt Ion: 70 Resp: 78203

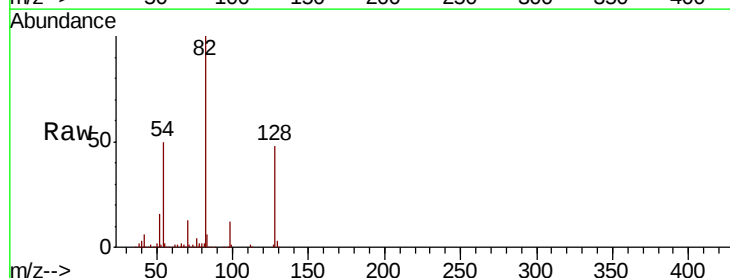
Ion Ratio Lower Upper

70 100

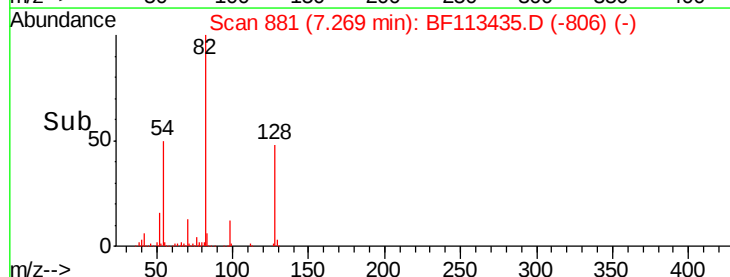
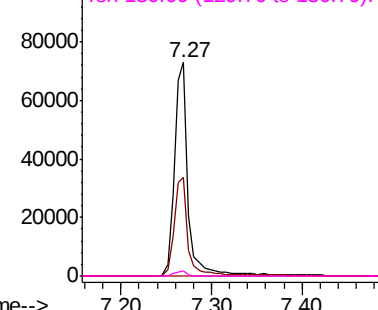
42 46.2 48.4 72.6#

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: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 136 Resp: 522217

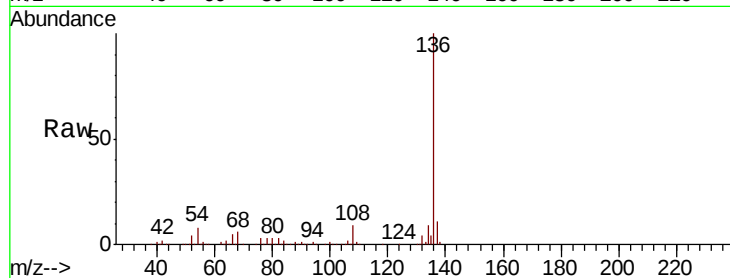
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.8 7.0 10.6

68 6.0 4.8 7.2

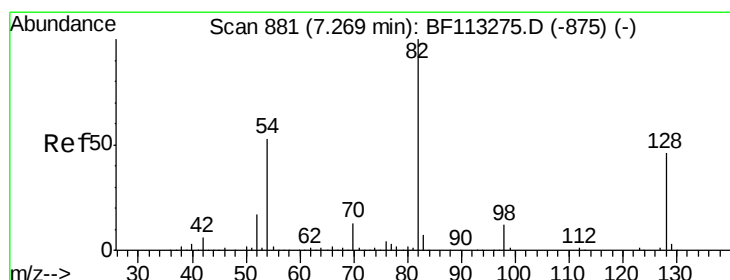
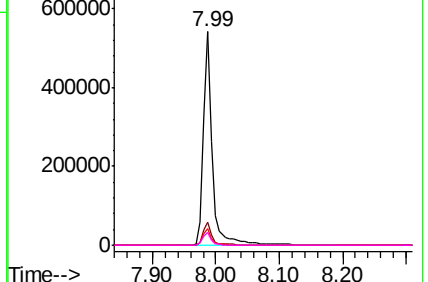
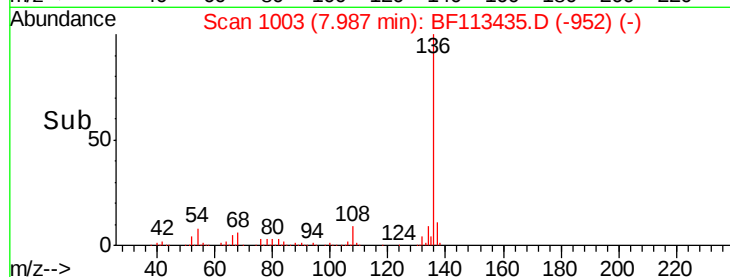


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.352 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

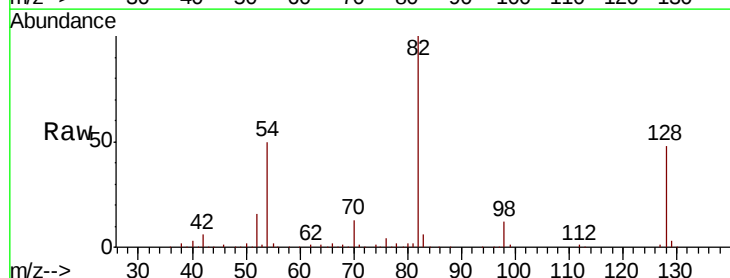
Tgt Ion: 82 Resp: 601380

Ion Ratio Lower Upper

82 100

128 47.9 36.5 54.7

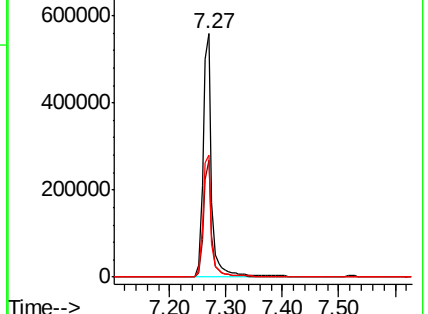
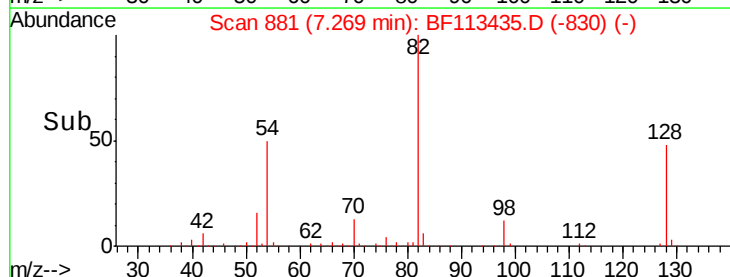
54 49.9 42.2 63.2

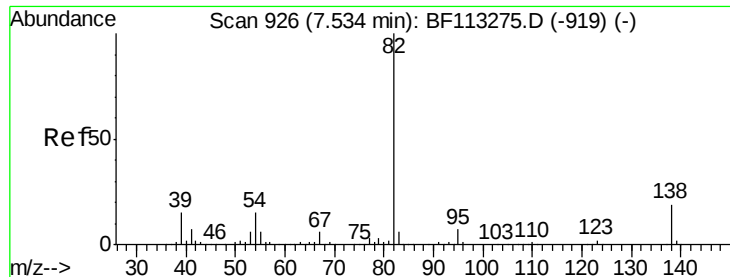


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

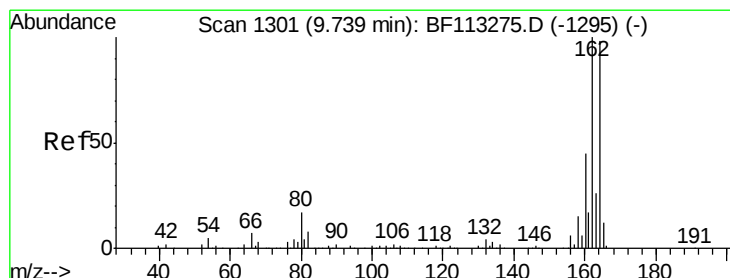
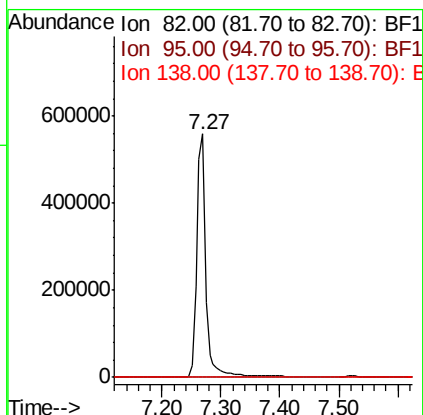
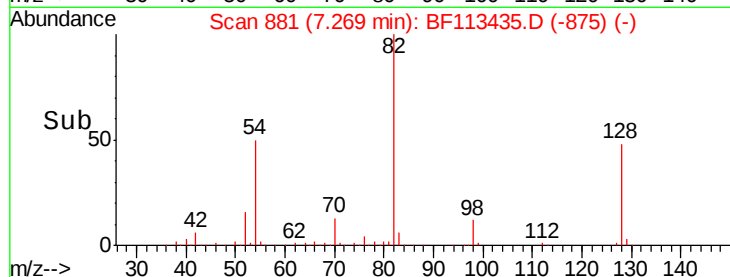
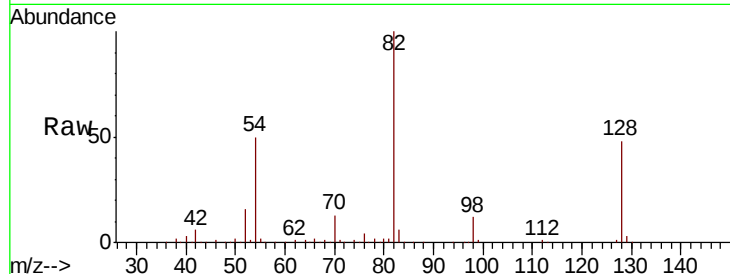




#25
Isophorone
Concen: 34.576 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113435.D
Acq: 30 Mar 2019 1:37

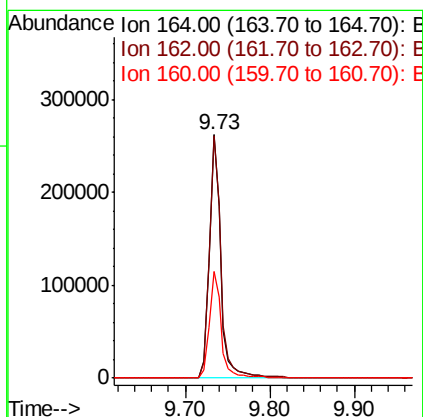
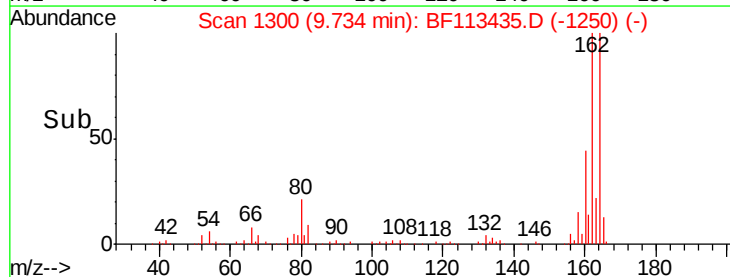
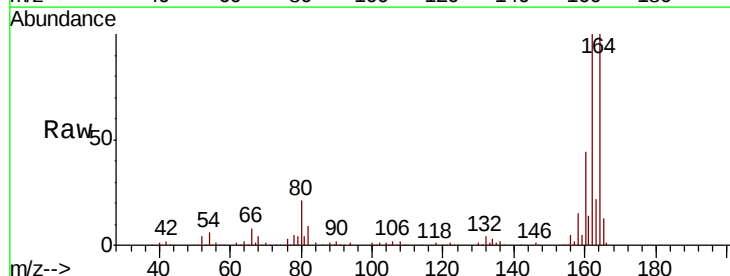
Instrument :
BNA_F
ClientSampleId :
DFTPP

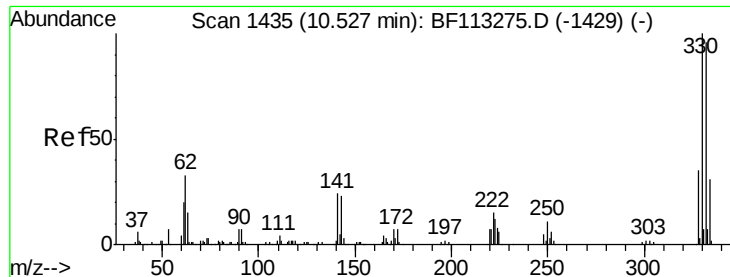
Tgt Ion: 82 Resp: 589546
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113435.D
Acq: 30 Mar 2019 1:37

Tgt Ion: 164 Resp: 250722
Ion Ratio Lower Upper
164 100
162 99.6 81.8 122.6
160 43.6 36.4 54.6

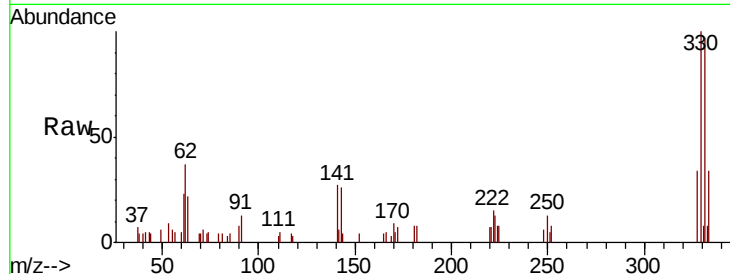




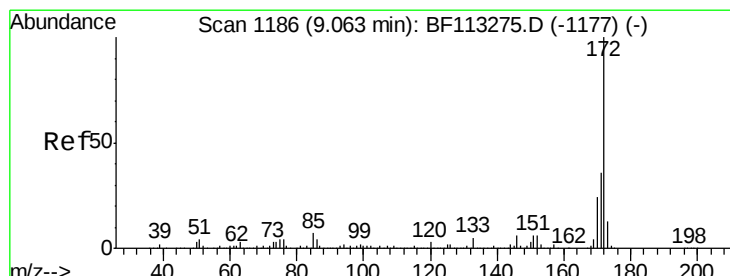
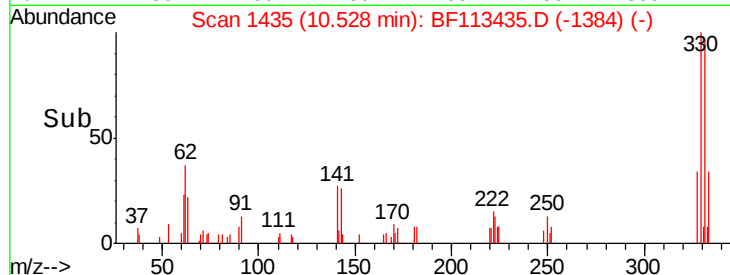
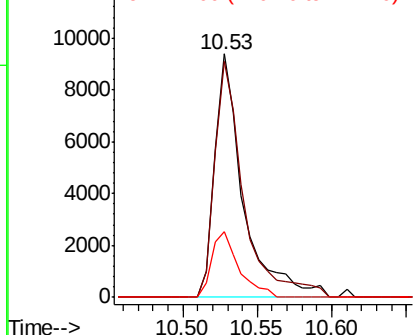
#42
 2,4,6-Tribromophenol
 Concen: 4.049 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:330 Resp: 12539
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.8 116.6
 141 25.7 22.7 34.1

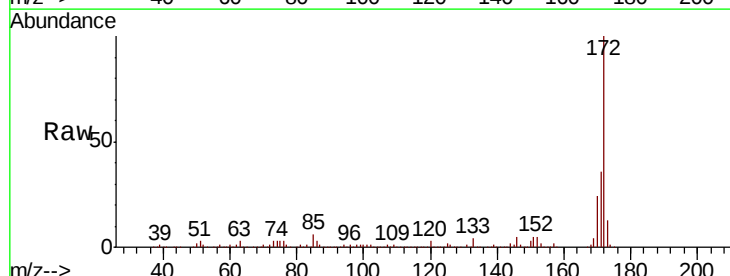


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

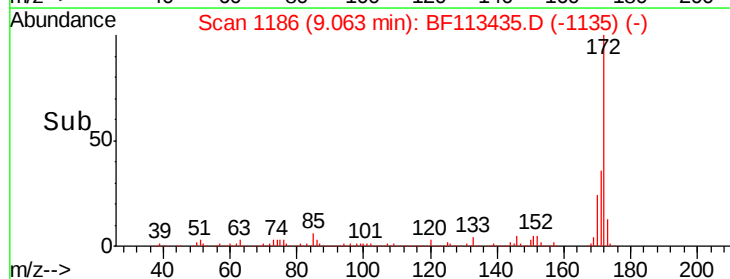
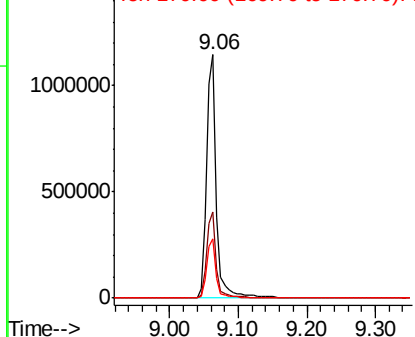


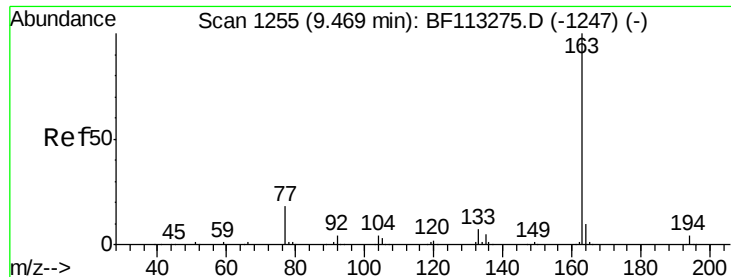
#45
 2-Fluorobiphenyl
 Concen: 70.623 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Tgt Ion:172 Resp: 1177444
 Ion Ratio Lower Upper
 172 100
 171 35.6 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

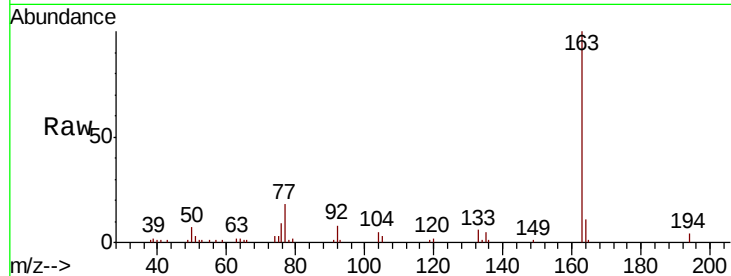




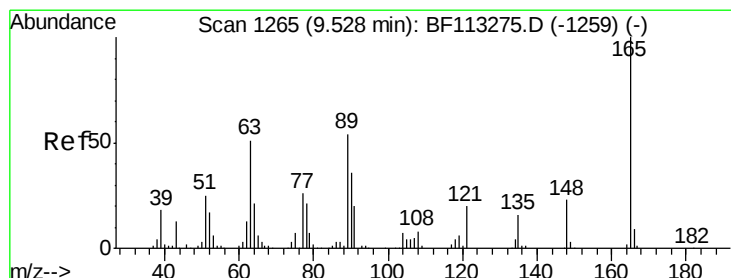
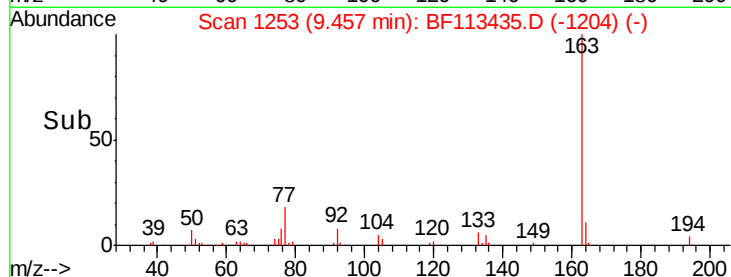
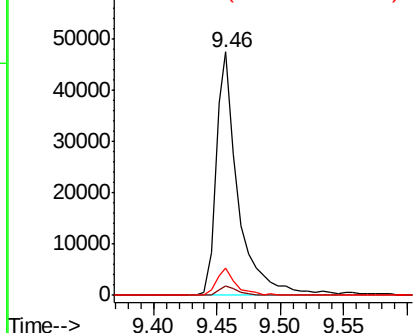
#50
Dimethylphthalate
Concen: 3.112 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF113435.D
Acq: 30 Mar 2019 1:37

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:163 Resp: 57815
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 11.3 8.1 12.1

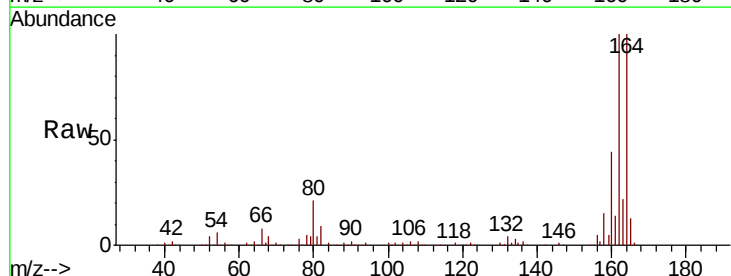


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

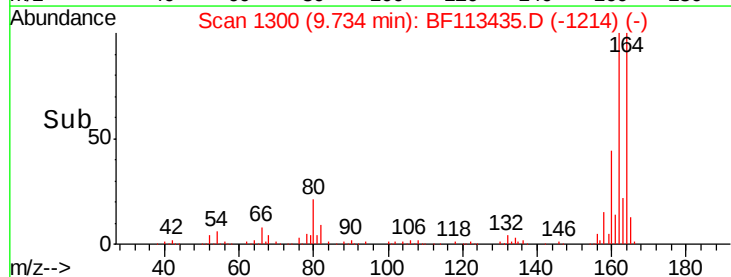
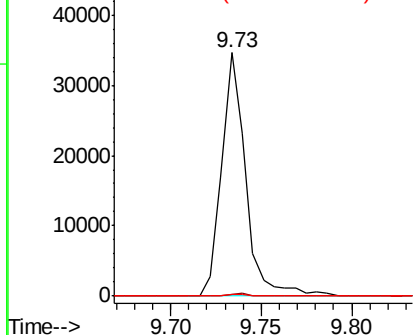


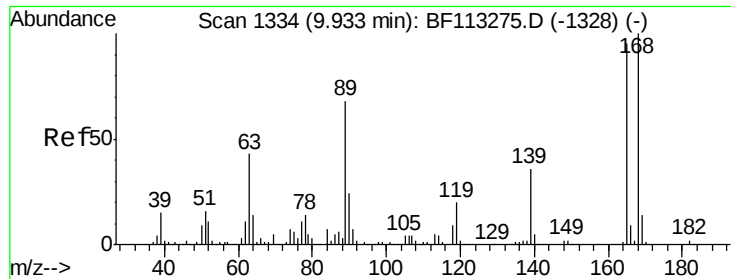
#51
2,6-Dinitrotoluene
Concen: 7.640 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113435.D
Acq: 30 Mar 2019 1:37

Tgt Ion:165 Resp: 32024
Ion Ratio Lower Upper
165 100
63 0.9 43.4 65.0#
89 0.9 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

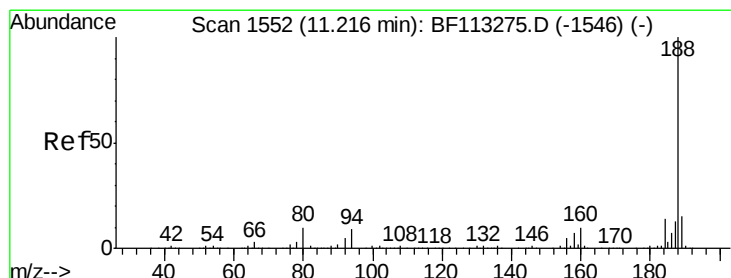
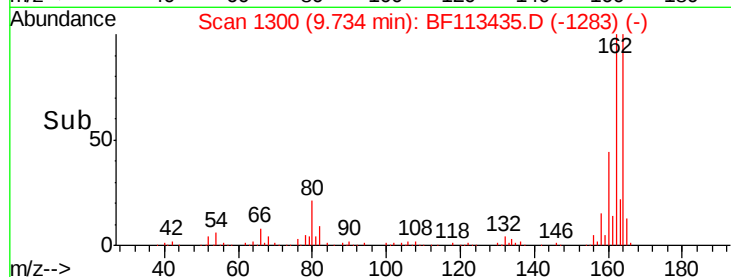
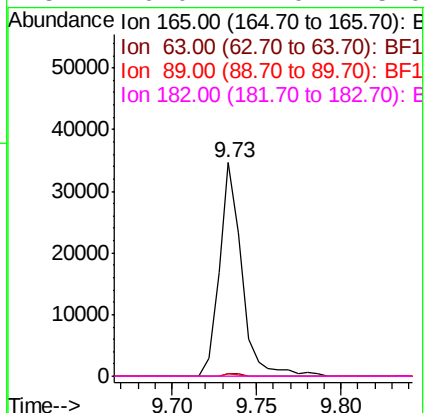
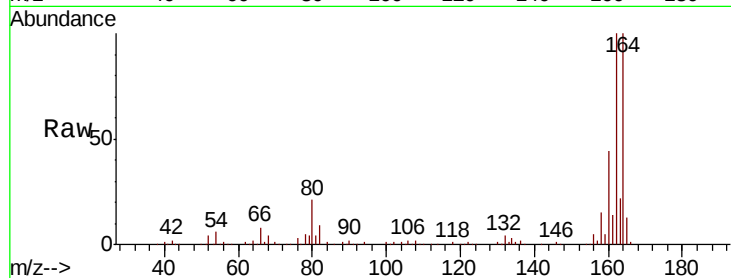




#57
 2,4-Dinitrotoluene
 Concen: 6.008 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

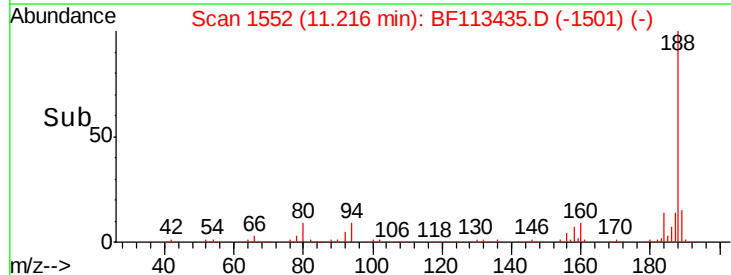
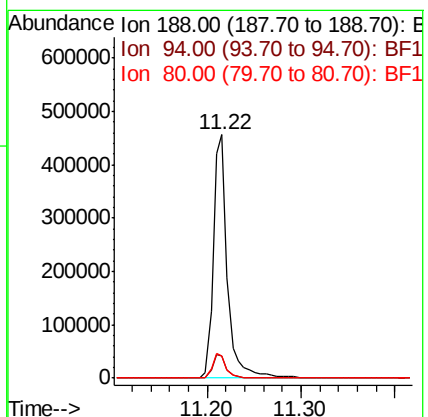
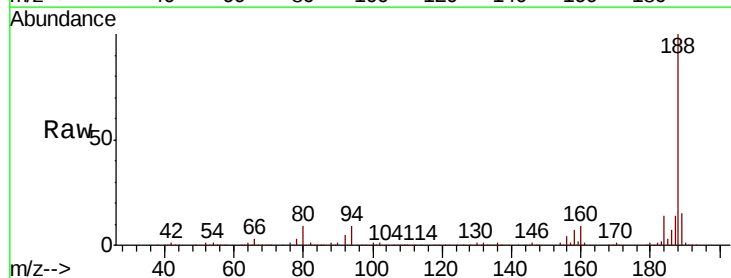
Instrument :
 BNA_F
 ClientSampled :
 DFTPP

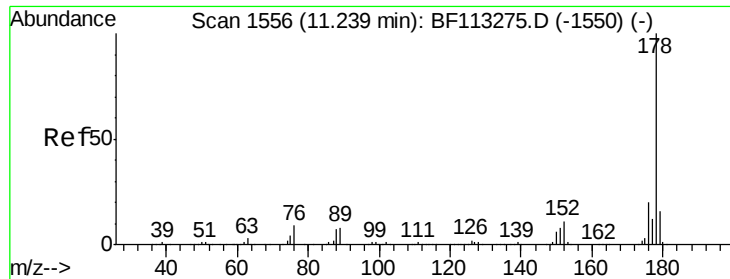
Tgt Ion:165 Resp: 32024
 Ion Ratio Lower Upper
 165 100
 63 0.9 37.5 56.3#
 89 0.9 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Tgt Ion:188 Resp: 487142
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.0 10.6
 80 9.1 7.7 11.5

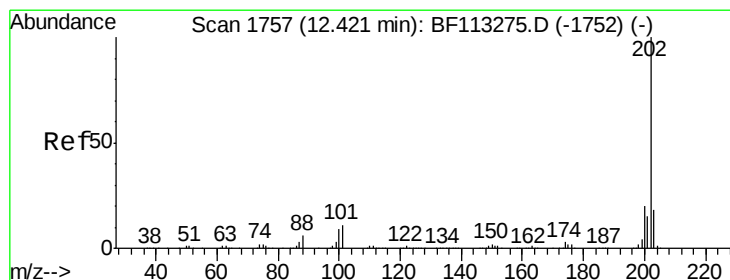
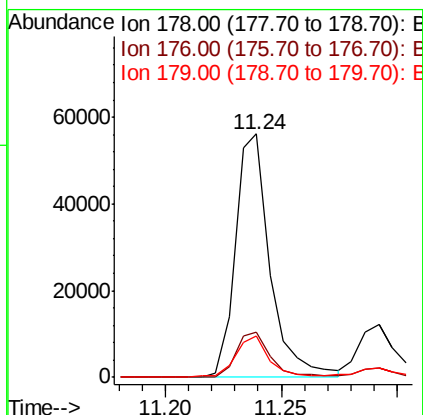
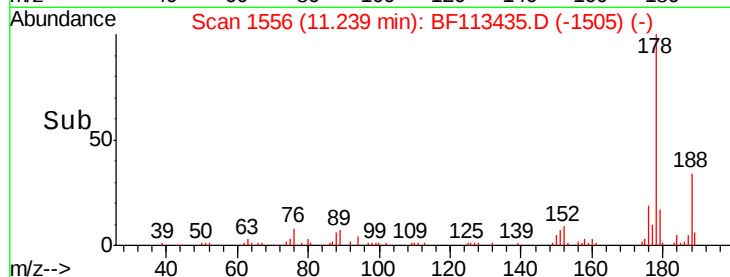
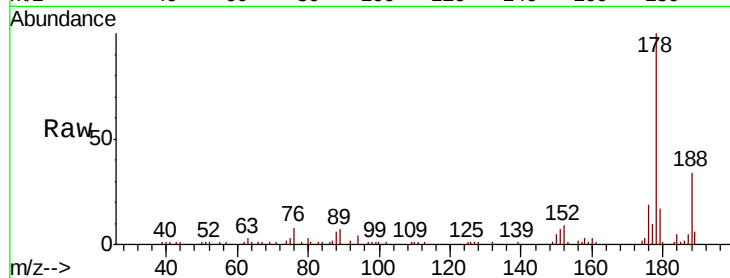




#71
Phenanthrene
Concen: 2.422 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF113435.D
Acq: 30 Mar 2019 1:37

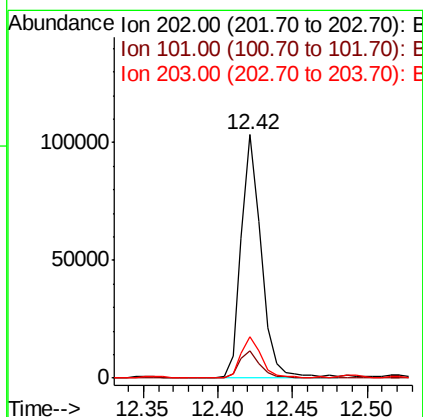
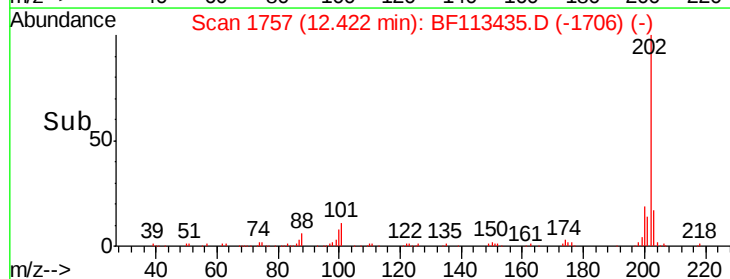
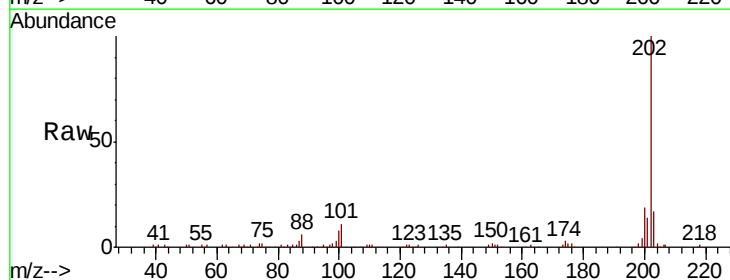
Instrument :
BNA_F
ClientSampleId :
DFTPP

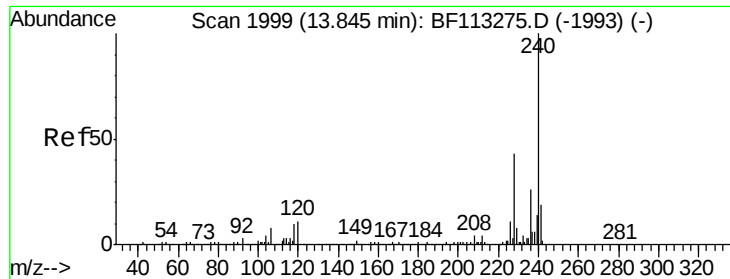
Tgt Ion:178 Resp: 58589
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.2
179 16.8 12.7 19.1



#75
Fluoranthene
Concen: 3.564 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113435.D
Acq: 30 Mar 2019 1:37

Tgt Ion:202 Resp: 97474
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 16.8 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

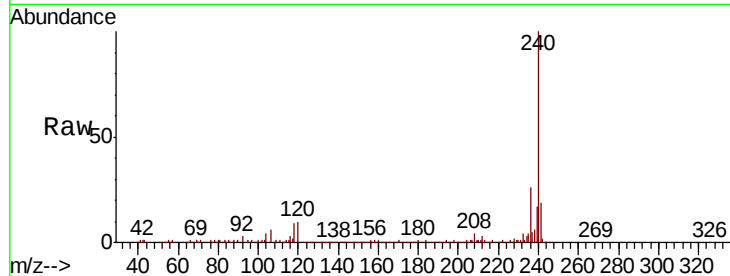
Tgt Ion:240 Resp: 489060

Ion Ratio Lower Upper

240 100

120 10.0 8.8 13.2

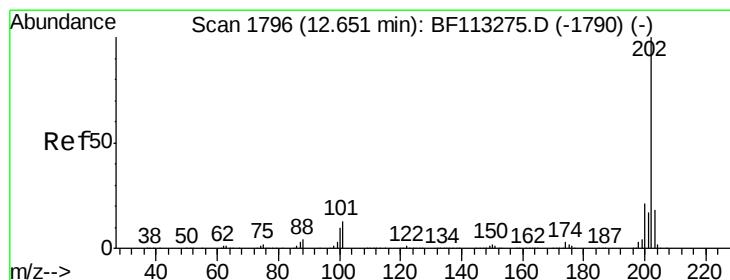
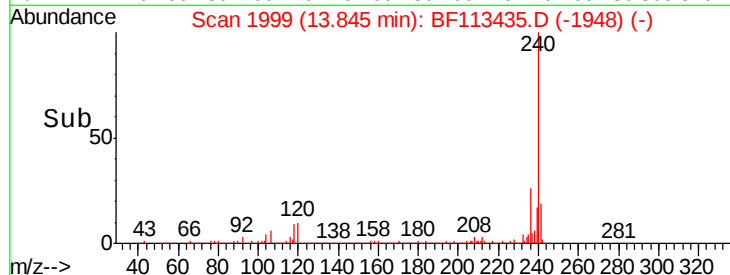
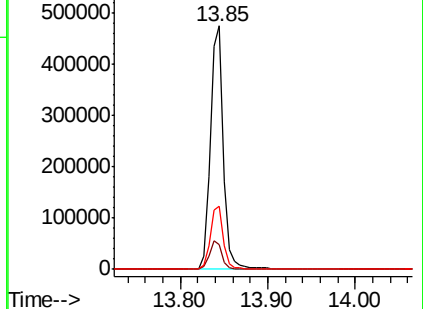
236 26.1 20.9 31.3



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



#78

Pyrene

Concen: 3.008 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

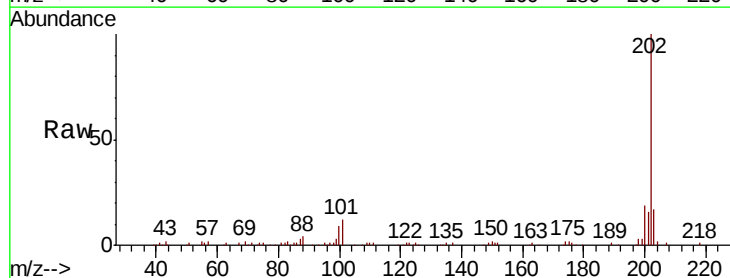
Tgt Ion:202 Resp: 101931

Ion Ratio Lower Upper

202 100

200 18.7 16.8 25.2

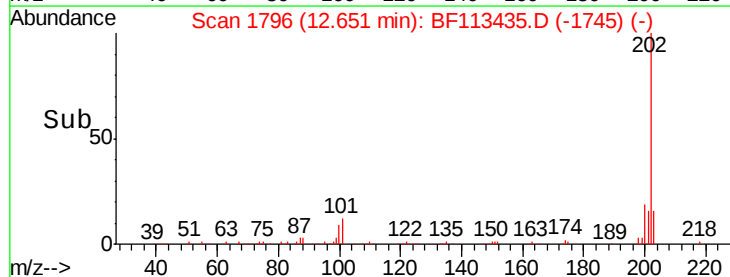
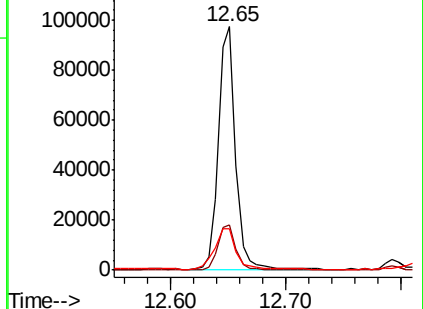
203 16.7 14.4 21.6

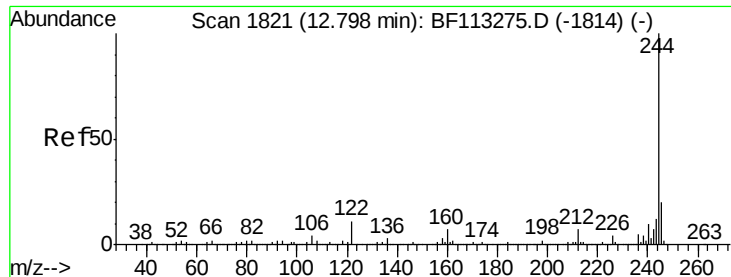


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

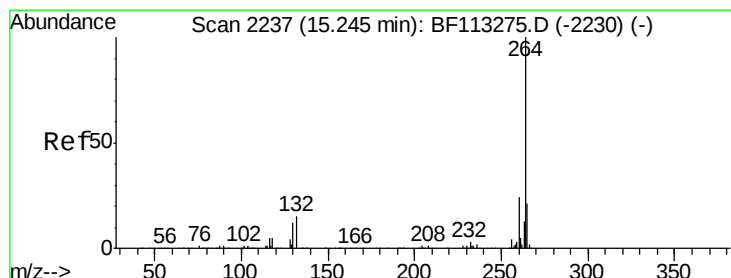
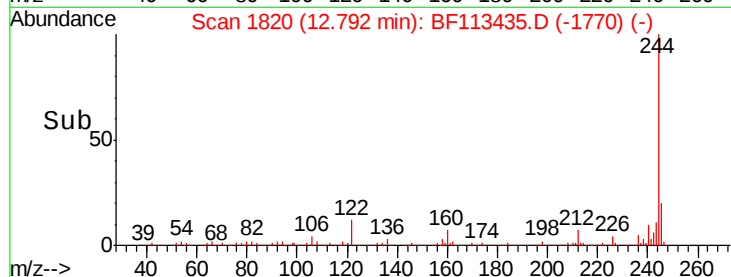
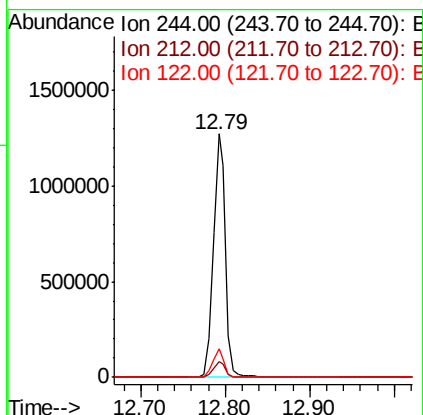
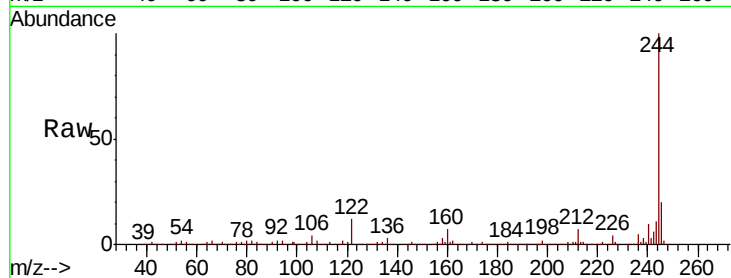




#79
 Terphenyl-d14
 Concen: 58.532 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

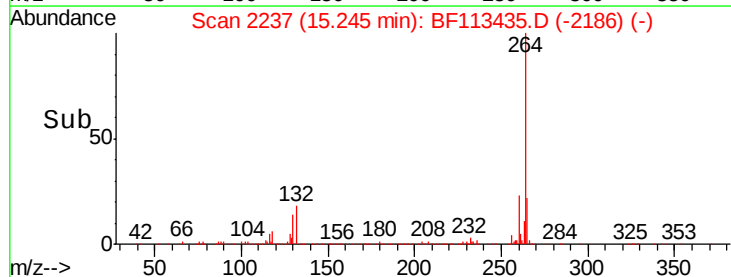
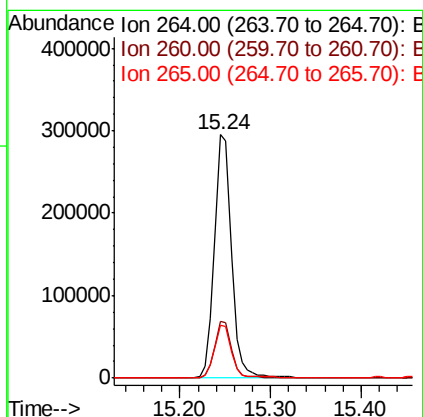
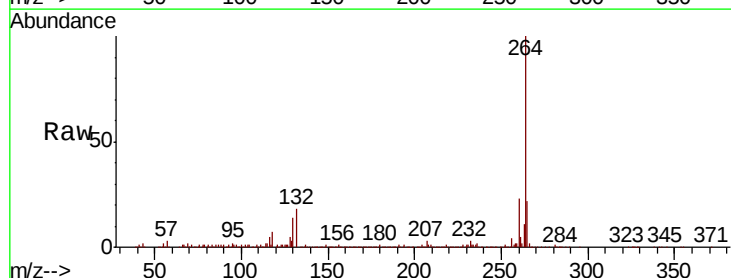
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

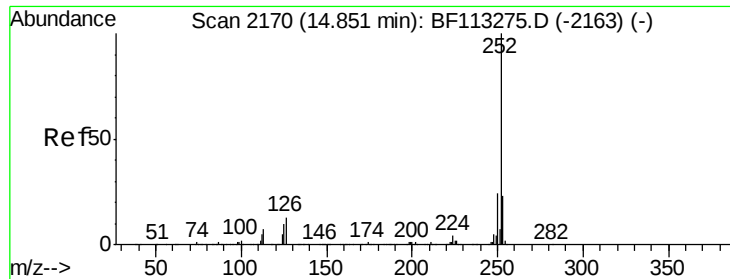
Tgt Ion:244 Resp: 1298713
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.6 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Tgt Ion:264 Resp: 389102
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.8 17.1 25.7

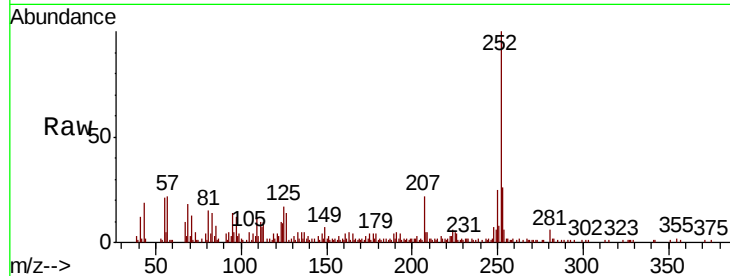




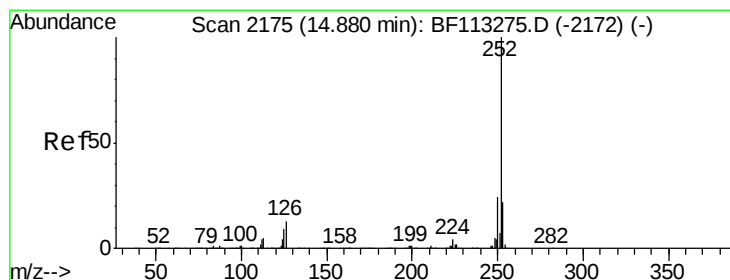
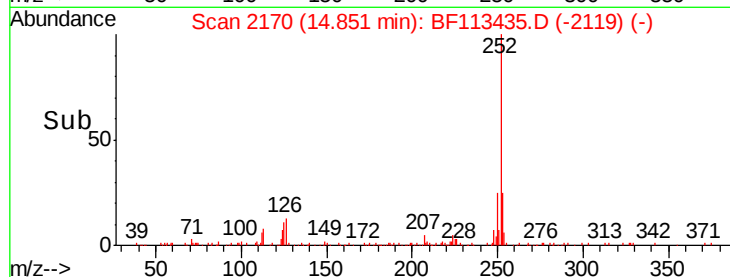
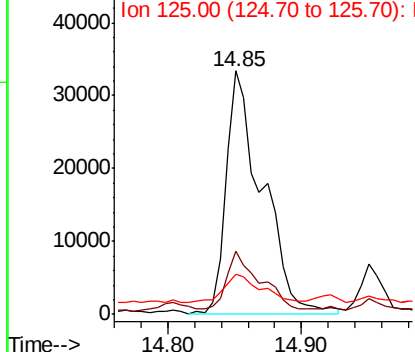
#88
Benzo(b)fluoranthene
Concen: 2.620 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113435.D
Acq: 30 Mar 2019 1:37

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 63320
Ion Ratio Lower Upper
252 100
253 25.7 18.0 27.0
125 16.5 7.6 11.4#

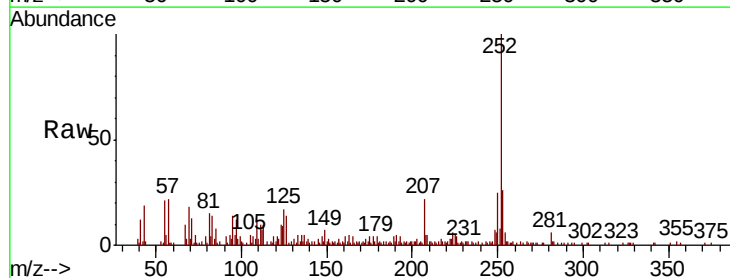


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.983 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113435.D
Acq: 30 Mar 2019 1:37

Tgt Ion:252 Resp: 63320
Ion Ratio Lower Upper
252 100
253 25.7 17.7 26.5
125 16.5 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

