

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113851.D
 Acq On : 19 Apr 2019 11:49
 Operator : JU/SJ
 Sample : K2442-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Apr 19 23:21:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	185815	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	698657	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	365137	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	679322	20.00	ng	0.00
76) Chrysene-d12	14.04	240	471833	20.00	ng	0.00
87) Perylene-d12	15.52	264	533462	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1055952	94.49	ng	0.01
7) Phenol-d6	6.52	99	1353944	97.15	ng	0.00
23) Nitrobenzene-d5	7.45	82	822466	71.69	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	431907	107.06	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1556012	64.99	ng	0.00
79) Terphenyl-d14	13.00	244	1675704	74.47	ng	0.00

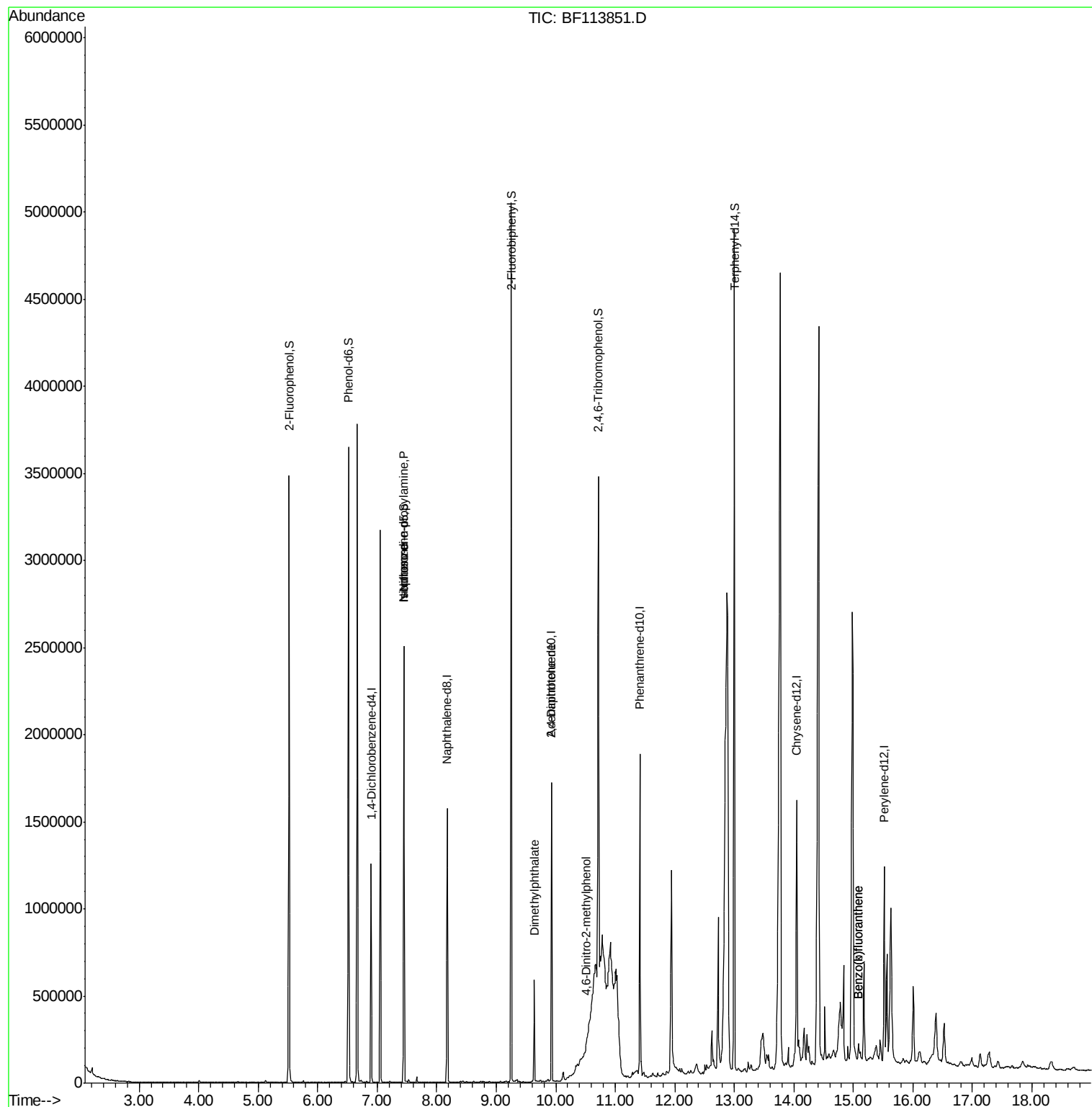
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	2458	Below Cal		# 3
19) n-Nitroso-di-n-propylamine	7.45	70	111537	11.991	ng	# 78
25) Isophorone	7.45	82	822457	34.623	ng	# 65
50) Dimethylphthalate	9.64	163	214931	8.411	ng	# 99
57) 2,4-Dinitrotoluene	9.93	165	46448	6.639	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.51	198	267	7.009	ng	# 1
88) Benzo(b)fluoranthene	15.09	252	68070	2.047	ng	# 96
89) Benzo(k)fluoranthene	15.09	252	68070	2.247	ng	# 97

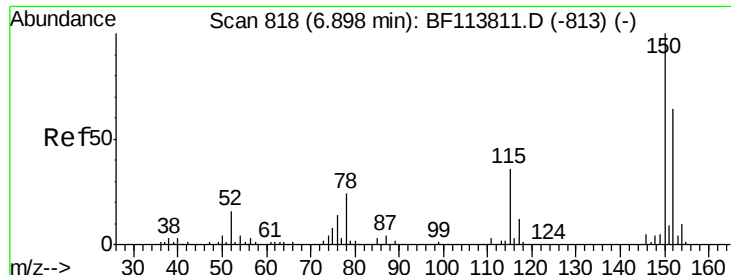
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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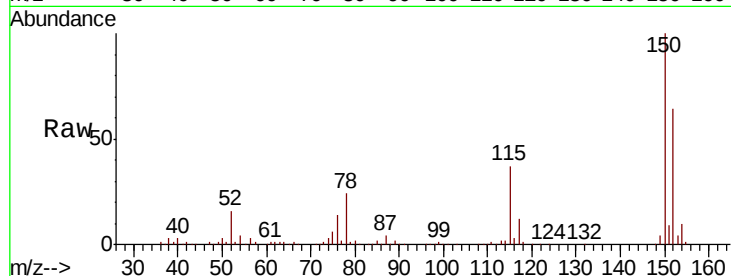


#1

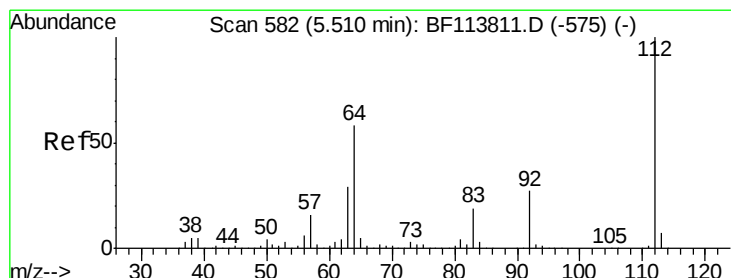
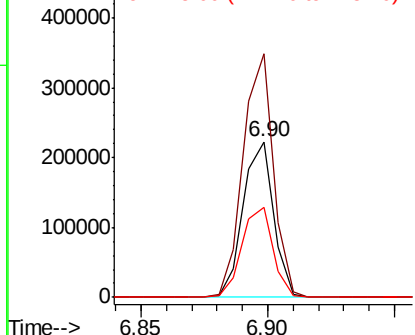
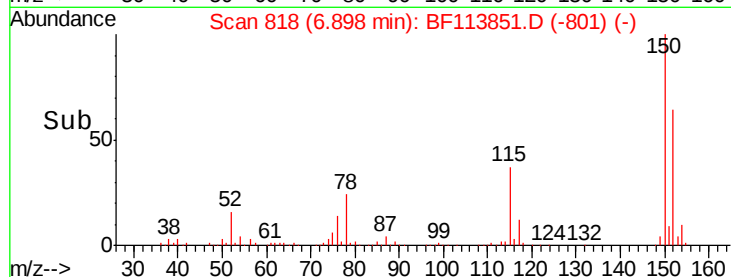
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113851.D
Acq: 19 Apr 2019 11:49

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 185815
Ion Ratio Lower Upper
152 100
150 156.3 125.9 188.9
115 58.1 45.9 68.9



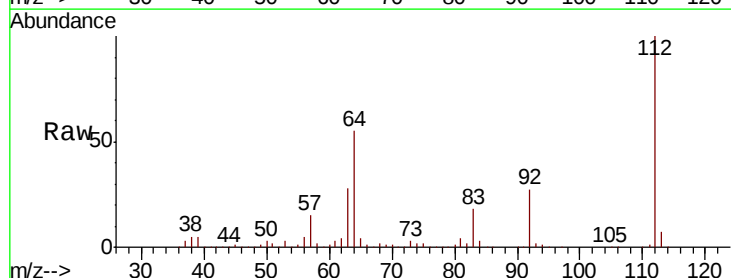
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



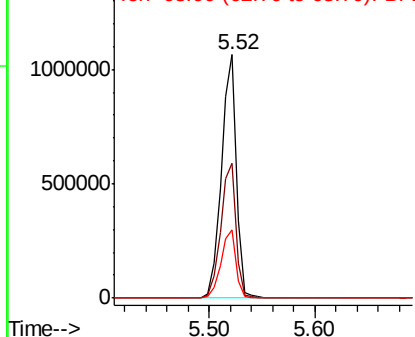
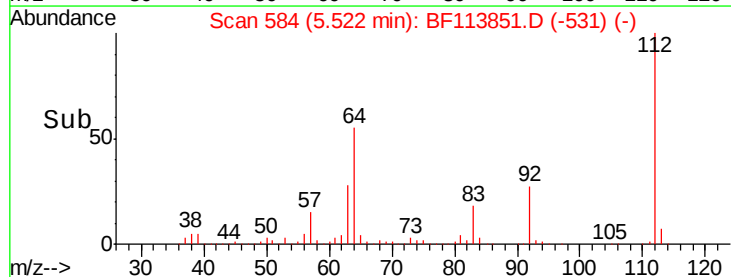
#5

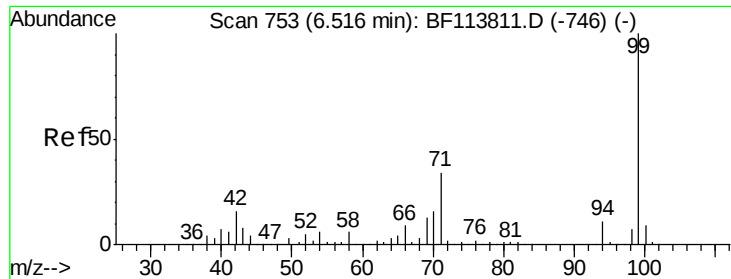
2-Fluorophenol
Concen: 94.493 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113851.D
Acq: 19 Apr 2019 11:49

Tgt Ion:112 Resp: 1055952
Ion Ratio Lower Upper
112 100
64 55.4 46.6 69.8
63 27.9 23.1 34.7



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: 97.154 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113851.D

Acq: 19 Apr 2019 11:49

Instrument :

BNA_F

ClientSampleId :

DFTPP

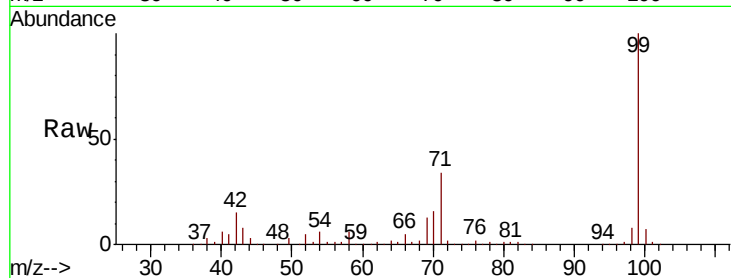
Tgt Ion: 99 Resp: 1353944

Ion Ratio Lower Upper

99 100

42 15.2 12.5 18.7

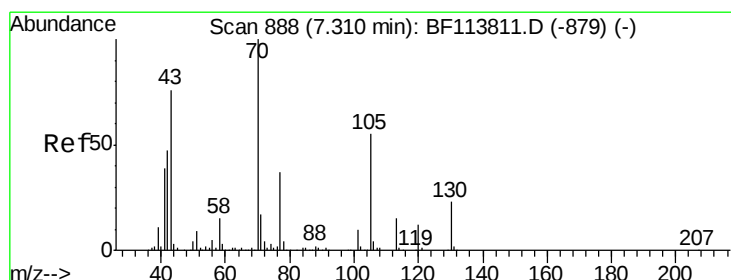
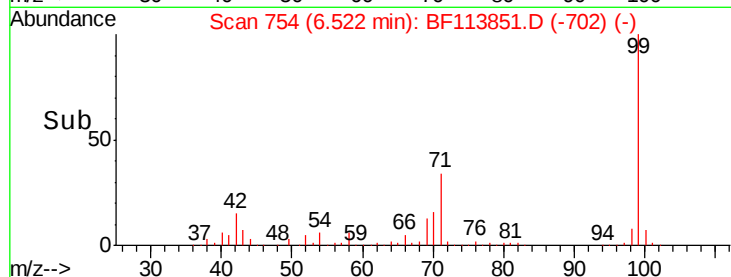
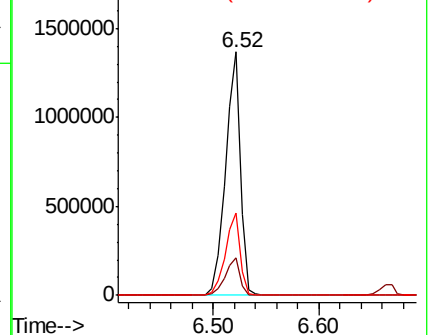
71 34.0 26.9 40.3



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: 11.991 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113851.D

Acq: 19 Apr 2019 11:49

Tgt Ion: 70 Resp: 111537

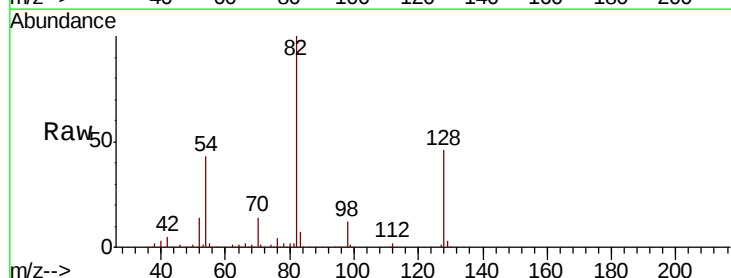
Ion Ratio Lower Upper

70 100

42 39.1 37.3 55.9

101 0.0 7.8 11.8#

130 2.2 18.2 27.2#

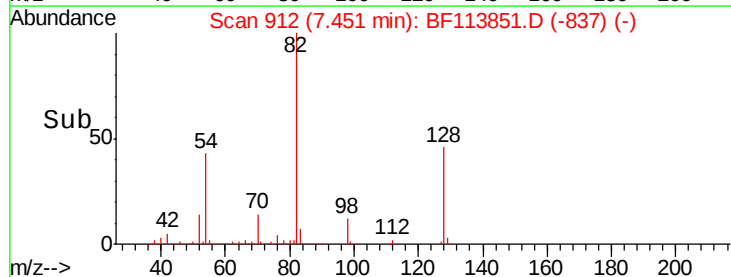
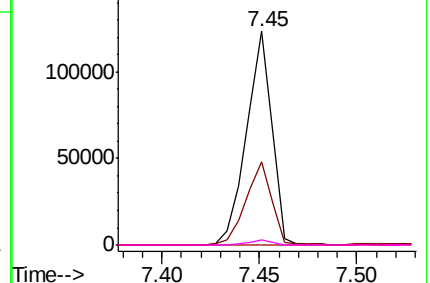


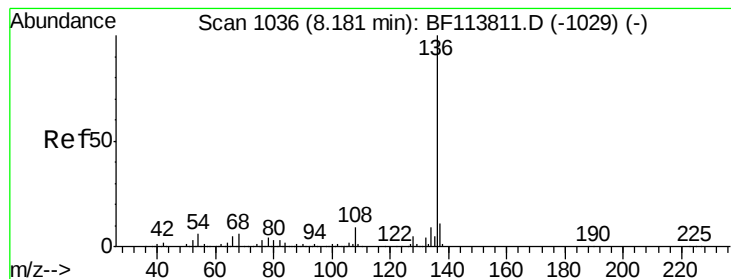
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113851.D

Acq: 19 Apr 2019 11:49

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 136 Resp: 698657

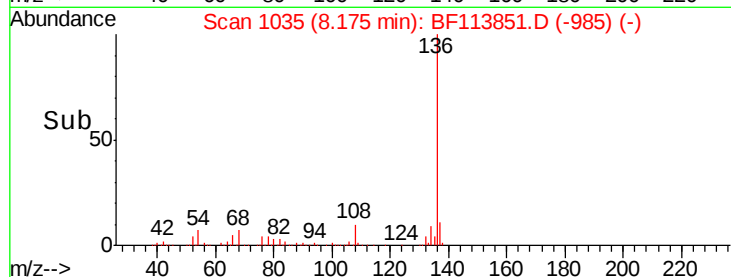
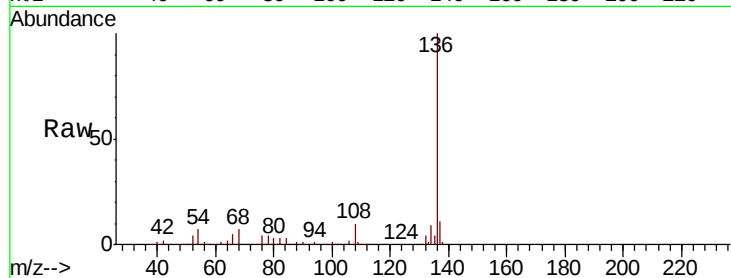
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 6.9 5.0 7.6

68 6.9 4.9 7.3

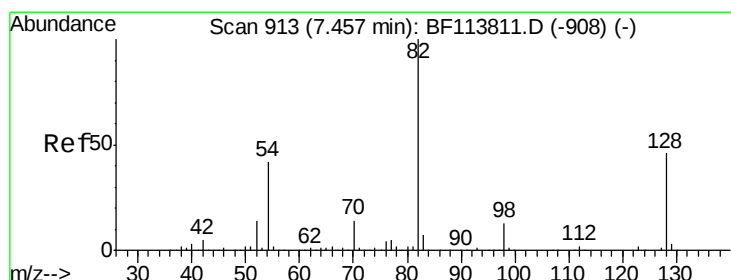
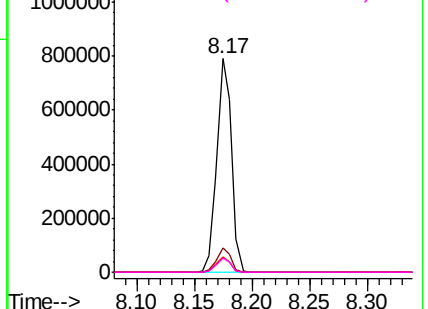


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.688 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113851.D

Acq: 19 Apr 2019 11:49

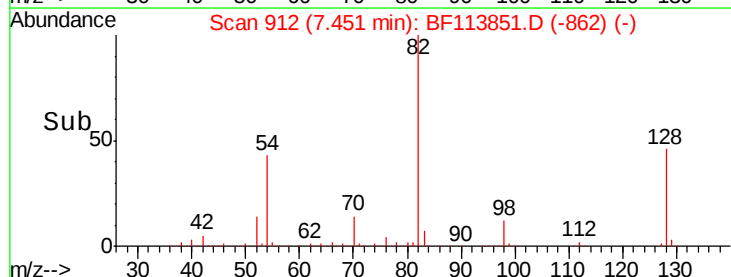
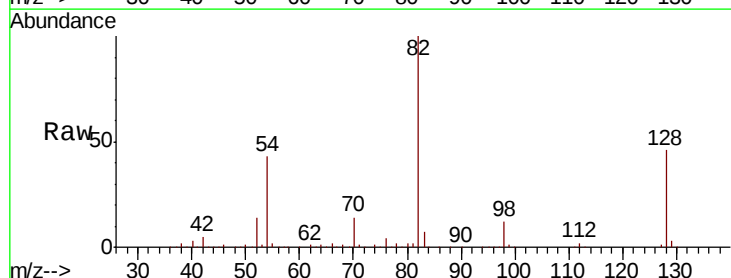
Tgt Ion: 82 Resp: 822466

Ion Ratio Lower Upper

82 100

128 45.6 36.8 55.2

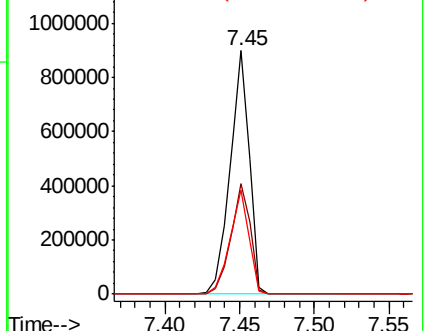
54 42.7 33.8 50.6

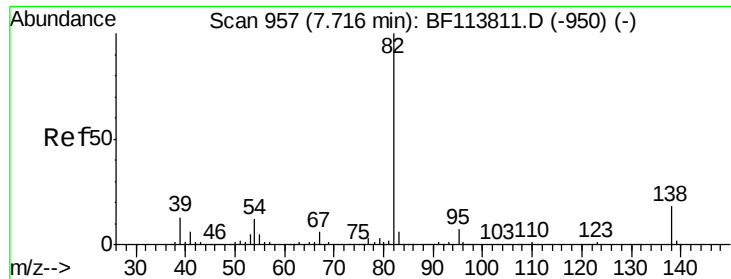


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.623 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113851.D

Acq: 19 Apr 2019 11:49

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ClientSampleId :

DFTPP

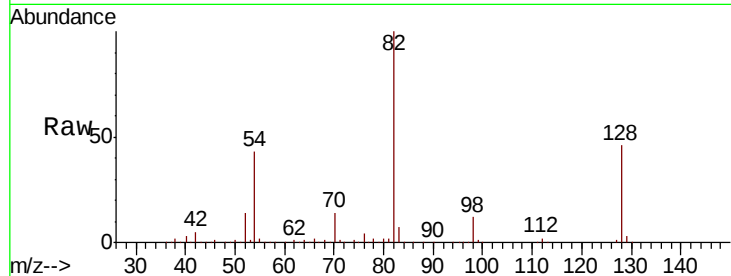
Tgt Ion: 82 Resp: 822457

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

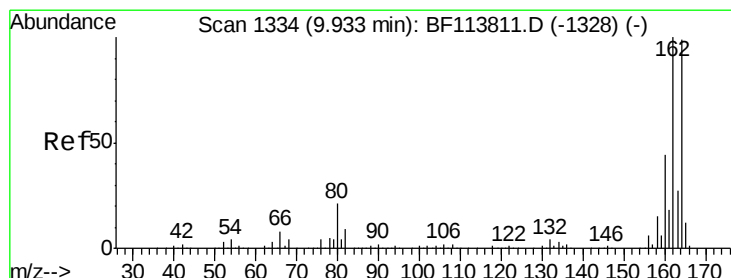
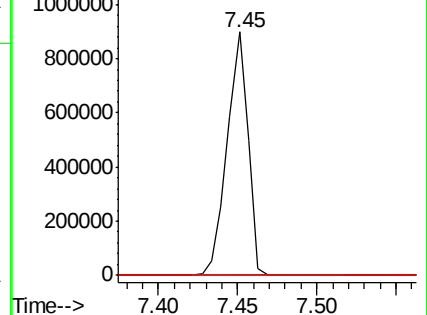
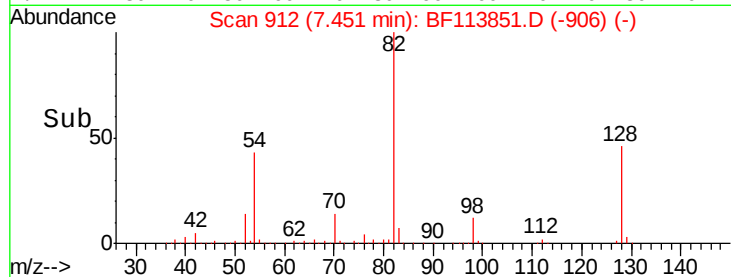
138 0.0 14.6 22.0#



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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113851.D

Acq: 19 Apr 2019 11:49

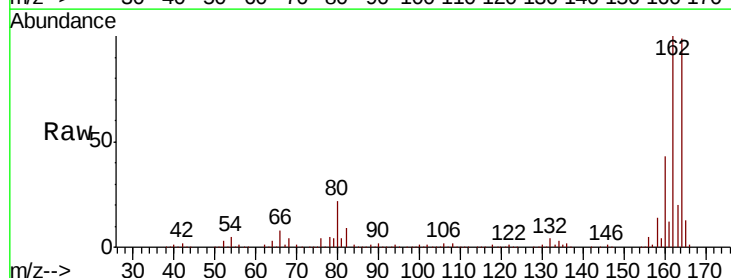
Tgt Ion: 164 Resp: 365137

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

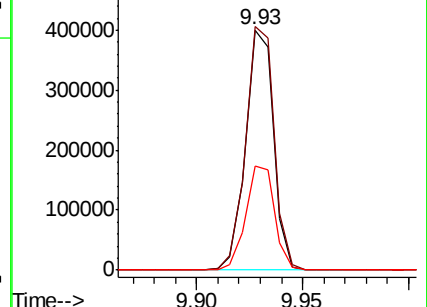
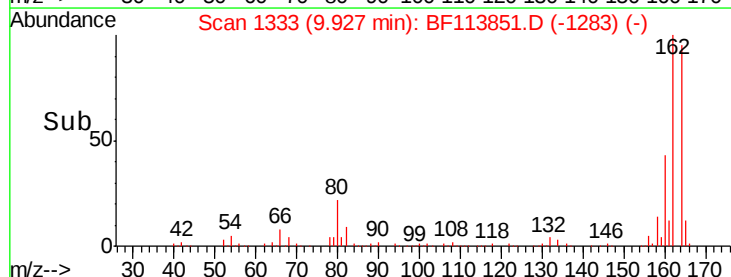
160 43.6 35.8 53.6

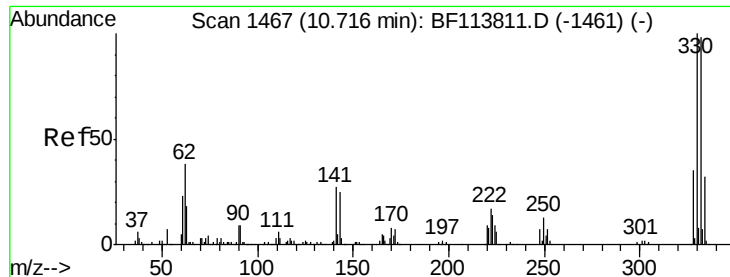


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 107.064 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF113851.D

Acq: 19 Apr 2019 11:49

Instrument :

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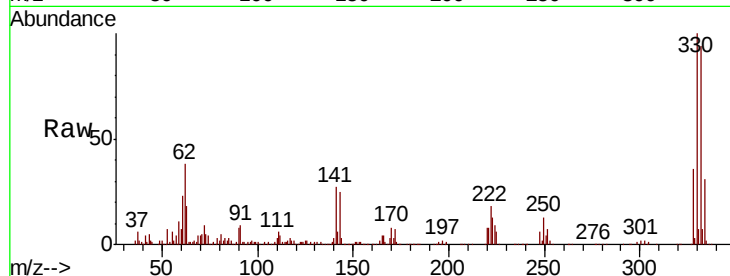
Tgt Ion:330 Resp: 431907

Ion Ratio Lower Upper

330 100

332 94.6 77.5 116.3

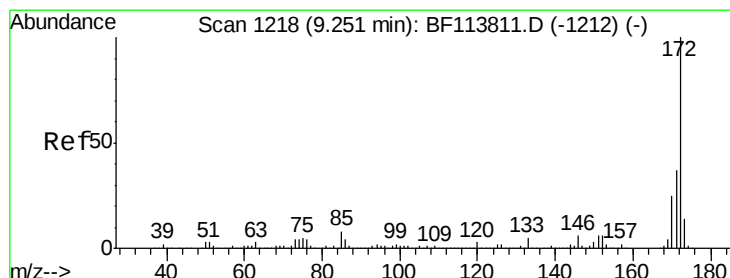
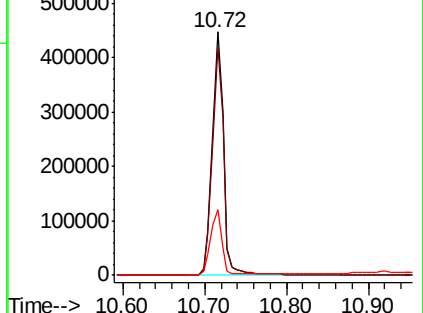
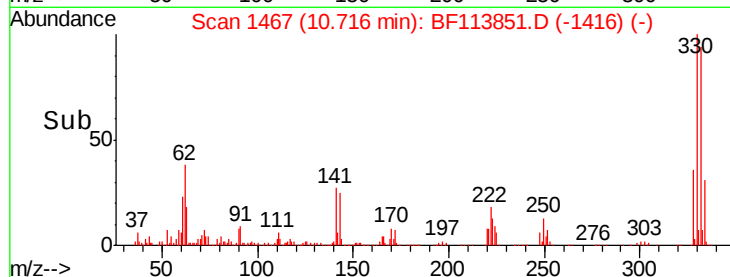
141 26.5 22.2 33.2



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: 64.989 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113851.D

Acq: 19 Apr 2019 11:49

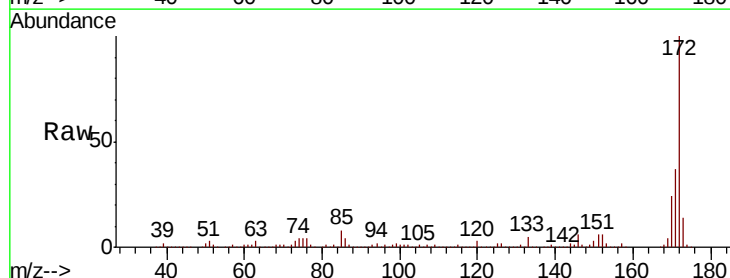
Tgt Ion:172 Resp: 1556012

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

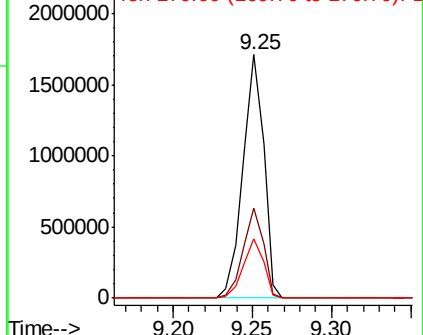
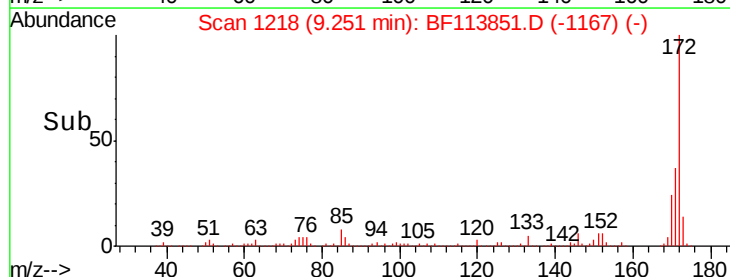
170 24.5 19.9 29.9

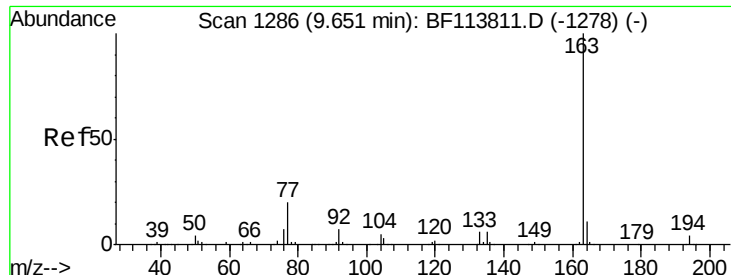


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.411 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF113851.D

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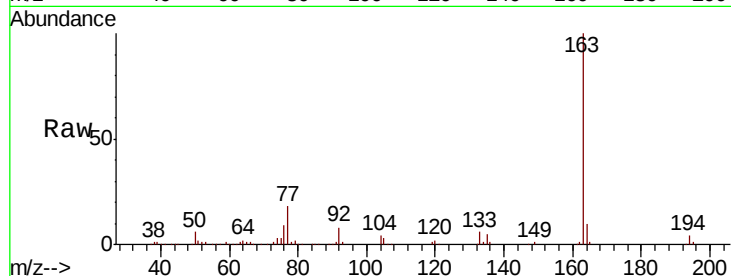
Tgt Ion:163 Resp: 214931

Ion Ratio Lower Upper

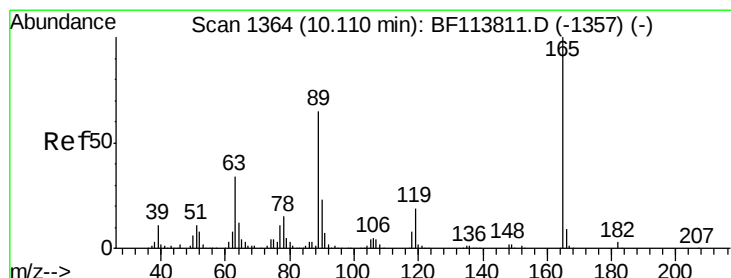
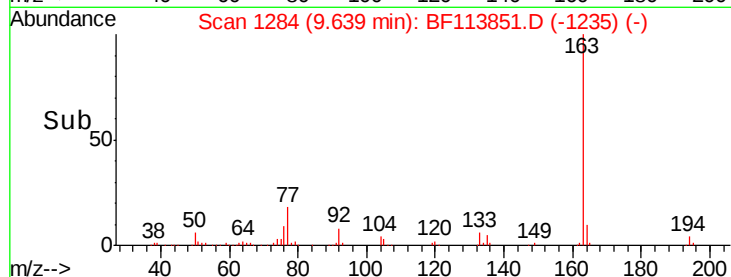
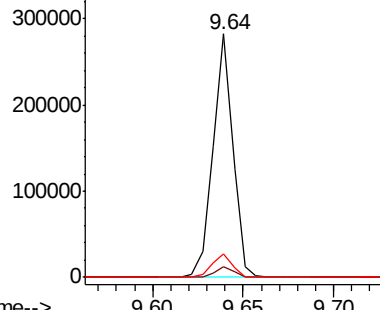
163 100

194 4.4 3.4 5.2

164 9.9 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 6.639 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.18 min

Lab File: BF113851.D

Acq: 19 Apr 2019 11:49

Tgt Ion:165 Resp: 46448

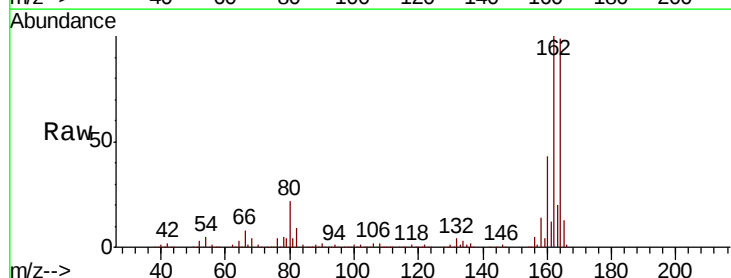
Ion Ratio Lower Upper

165 100

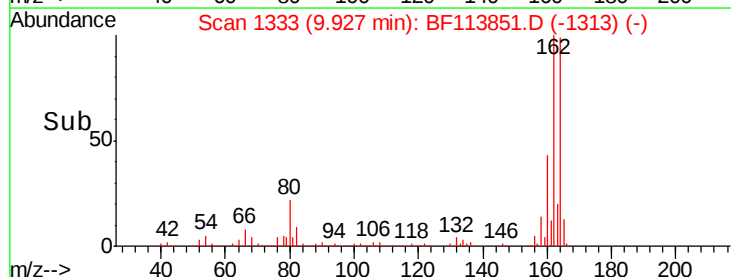
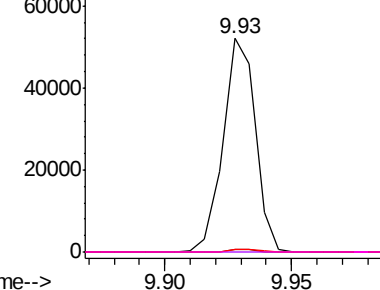
63 1.1 27.4 41.0#

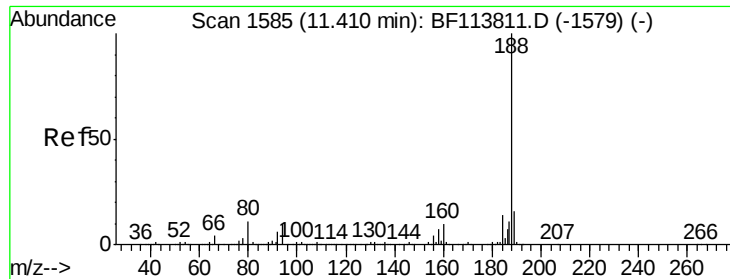
89 1.4 51.8 77.6#

182 0.0 2.2 3.2#



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
Ion 182.00 (181.70 to 182.70): E

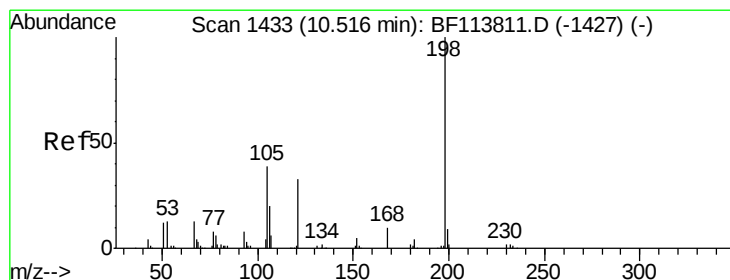
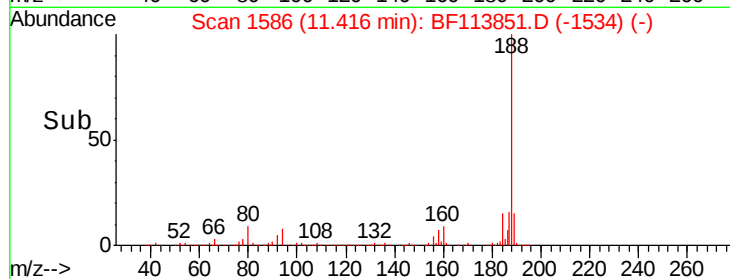
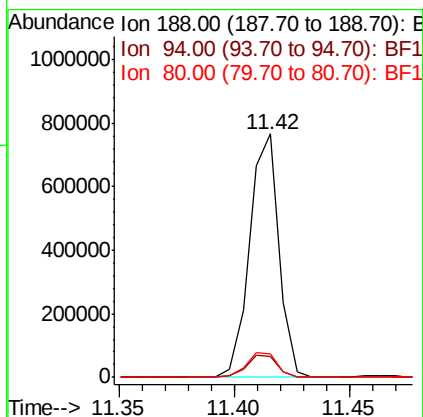
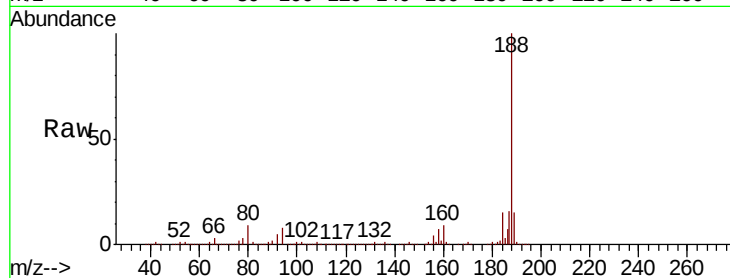




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF113851.D
Acq: 19 Apr 2019 11:49

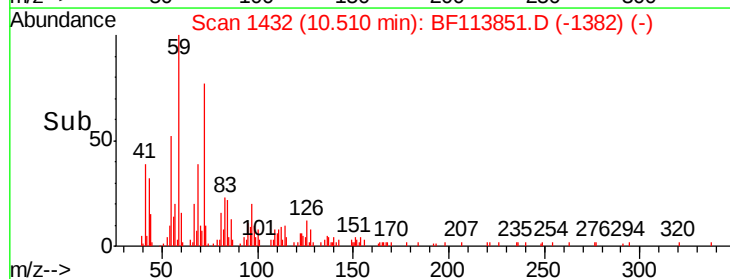
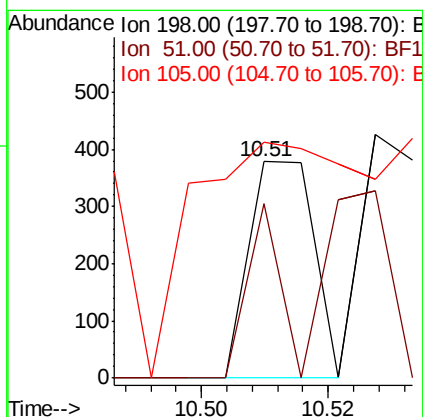
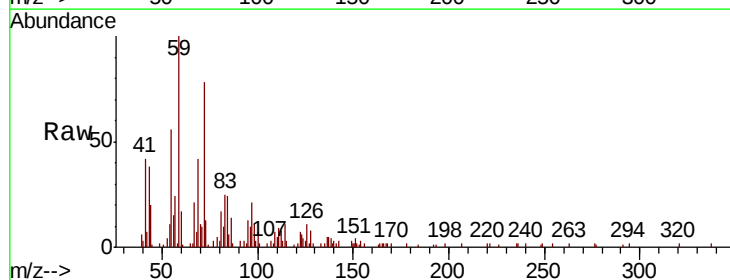
Instrument :
BNA_F
ClientSampleId :
DFTPP

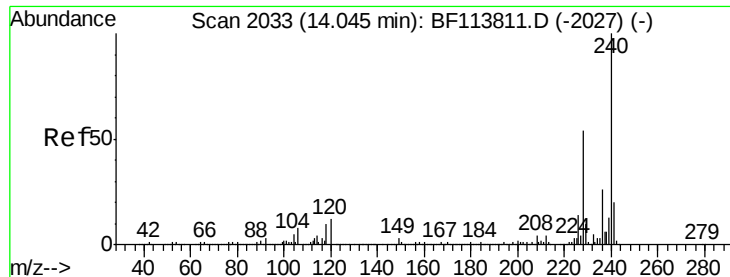
Tgt Ion:188 Resp: 679322
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.4
80 9.5 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.009 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF113851.D
Acq: 19 Apr 2019 11:49

Tgt Ion:198 Resp: 267
Ion Ratio Lower Upper
198 100
51 80.7 11.1 51.1#
105 109.3 20.7 60.7#

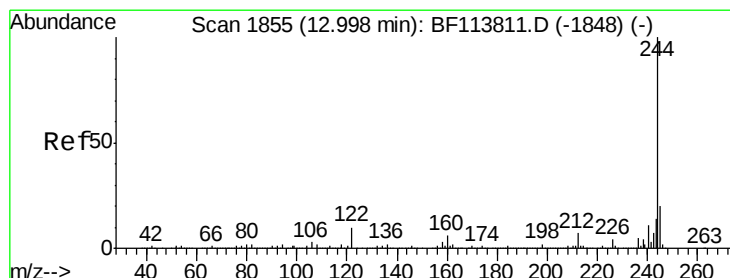
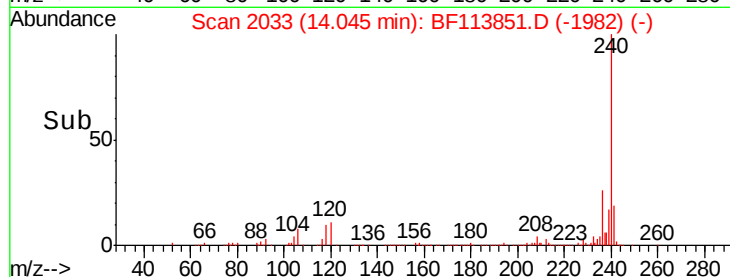
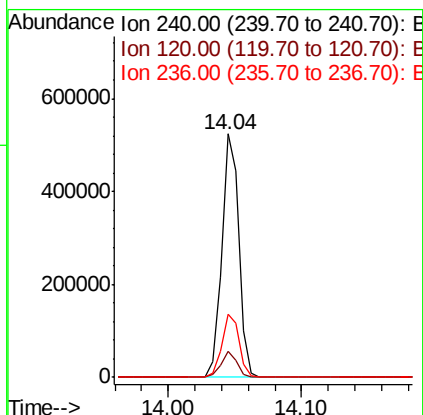
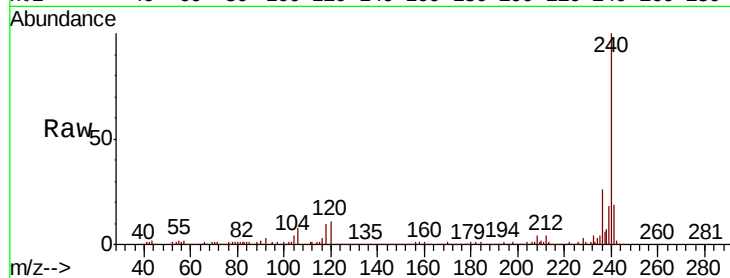




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF113851.D
Acq: 19 Apr 2019 11:49

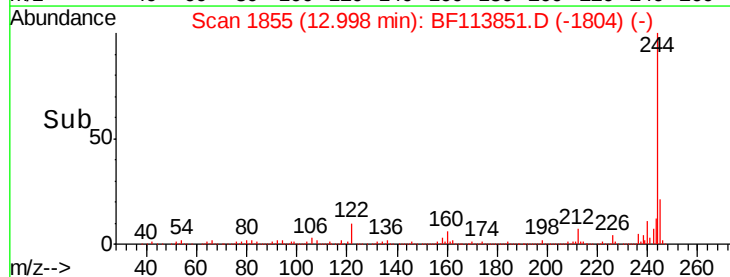
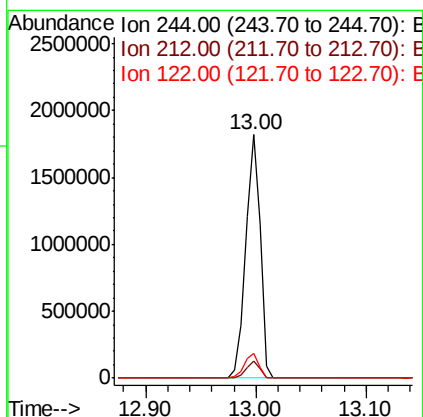
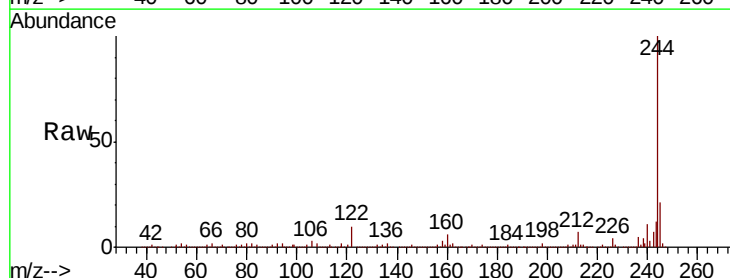
Instrument :
BNA_F
ClientSampleId :
DFTPP

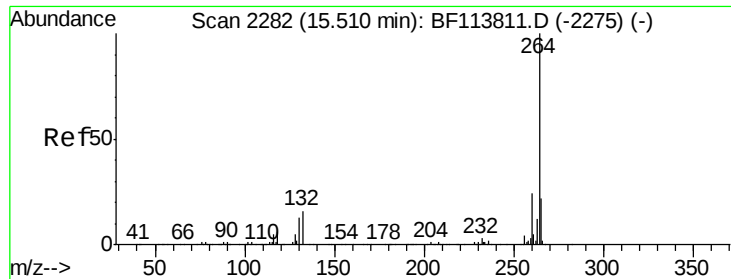
Tgt Ion:240 Resp: 471833
Ion Ratio Lower Upper
240 100
120 10.6 9.3 13.9
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 74.473 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF113851.D
Acq: 19 Apr 2019 11:49

Tgt Ion:244 Resp: 1675704
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.4 7.6 11.4



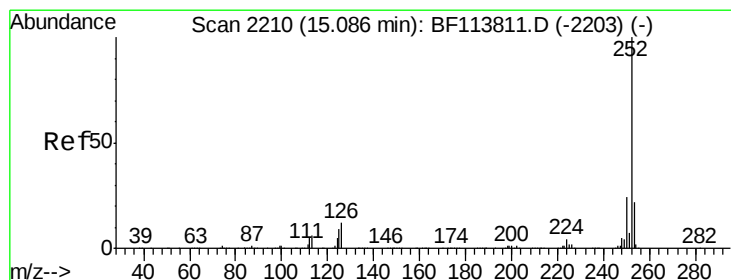
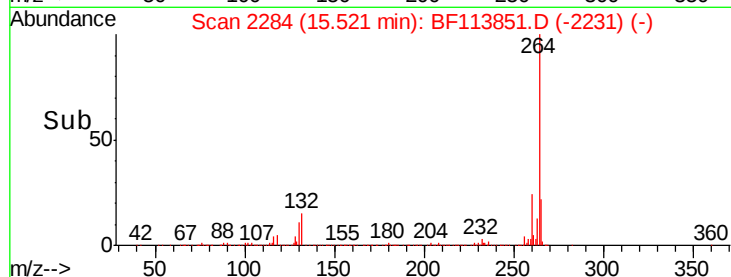
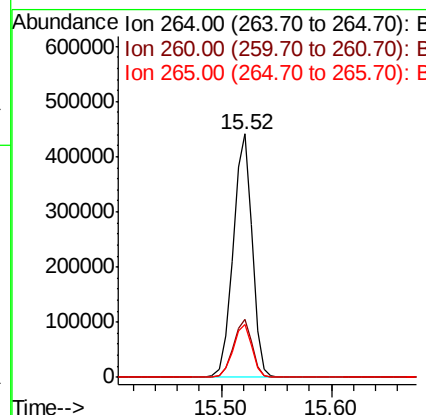
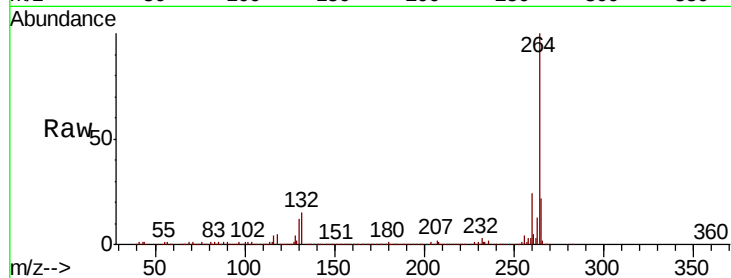


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF113851.D
Acq: 19 Apr 2019 11:49

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:264 Resp: 533462

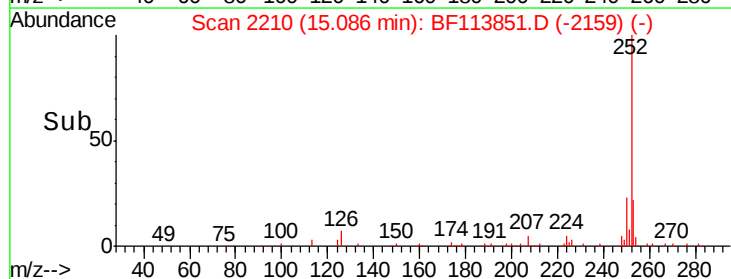
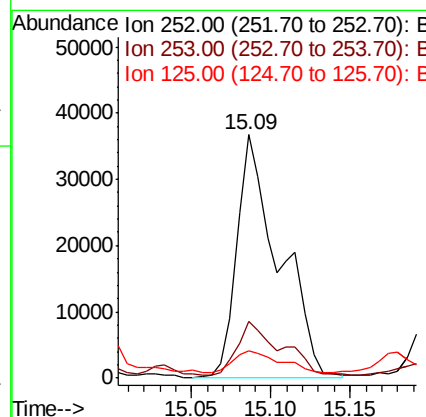
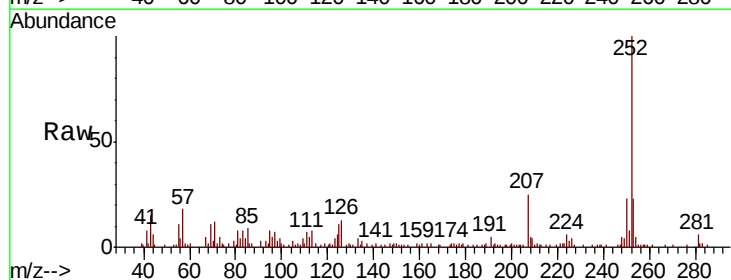
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.6	17.3	25.9

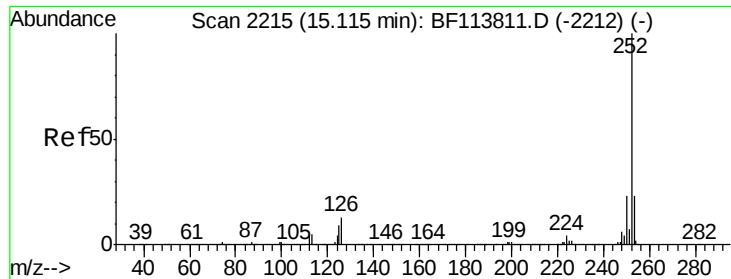


#88
Benzo(b)fluoranthene
Concen: 2.047 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113851.D
Acq: 19 Apr 2019 11:49

Tgt Ion:252 Resp: 68070

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	11.2	7.0	10.6#





#89
 Benzo(k)fluoranthene
 Concen: 2.247 ng
 RT: 15.09 min Scan# 2210
 Delta R.T. -0.03 min
 Lab File: BF113851.D
 Acq: 19 Apr 2019 11:49

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	11.2	7.4	11.2

