

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113558.D
 Acq On : 3 Apr 2019 22:13
 Operator : JU/SJ
 Sample : K2178-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 04:27:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

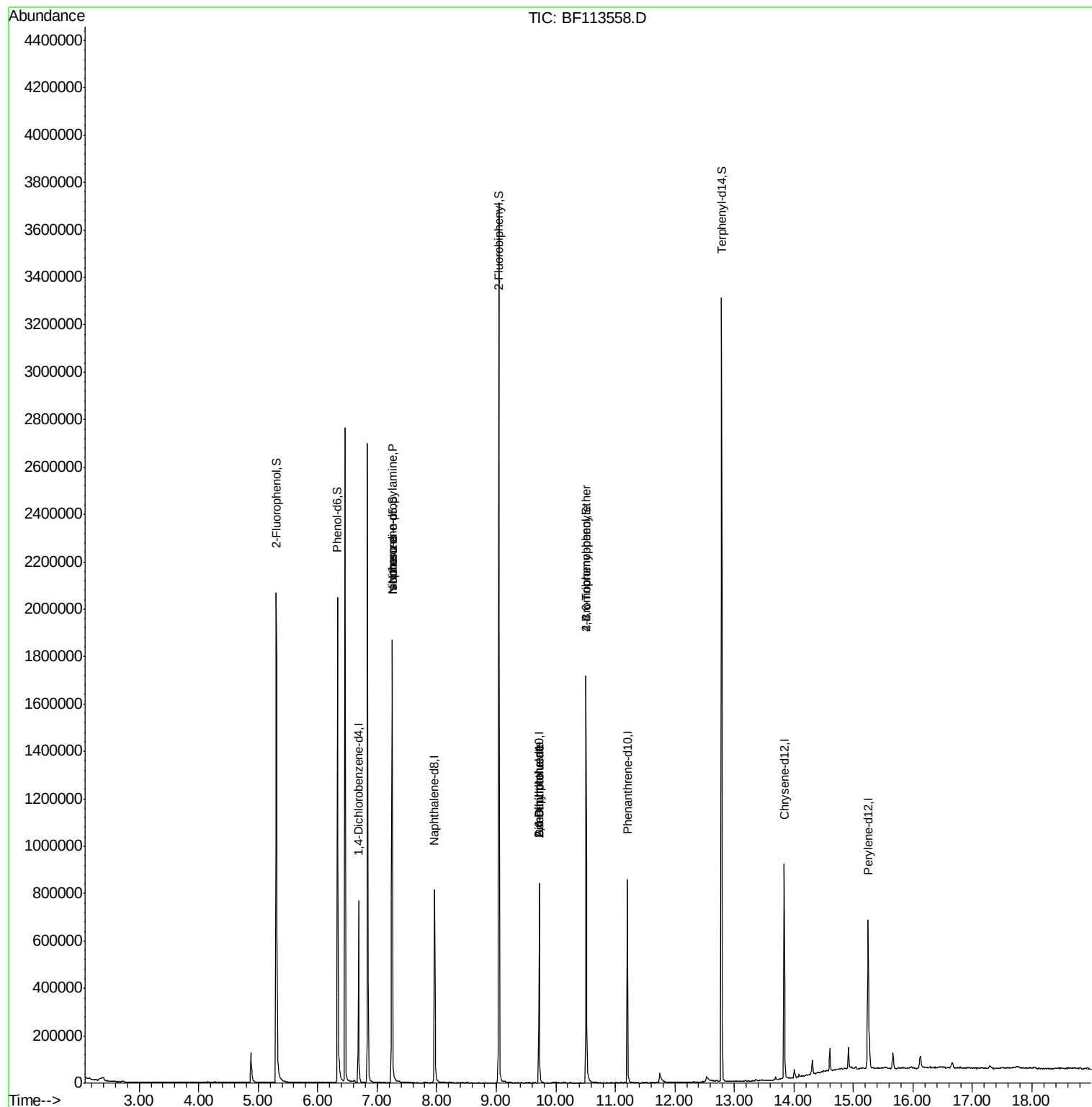
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	123821	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	429809	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	182936	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	330672	20.00	ng	0.00
76) Chrysene-d12	13.84	240	330677	20.00	ng	0.00
87) Perylene-d12	15.24	264	301522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	684057	94.21	ng	0.00
7) Phenol-d6	6.33	99	761441	85.08	ng	0.00
23) Nitrobenzene-d5	7.25	82	647558	88.25	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	237312	107.99	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1190490	104.77	ng	0.00
79) Terphenyl-d14	12.79	244	1169242	71.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	83069	15.052	ng	# 75
25) Isophorone	7.25	82	634534	44.891	ng	# 64
50) Dimethylphthalate	9.72	163	47723	3.539	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	22979	7.731	ng	# 25
57) 2,4-Dinitrotoluene	9.72	165	22979	6.392	ng	# 22
67) 4-Bromophenyl-phenylether	10.51	248	13374	3.606	ng	# 1

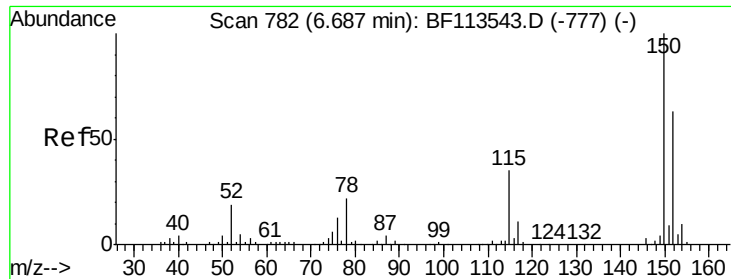
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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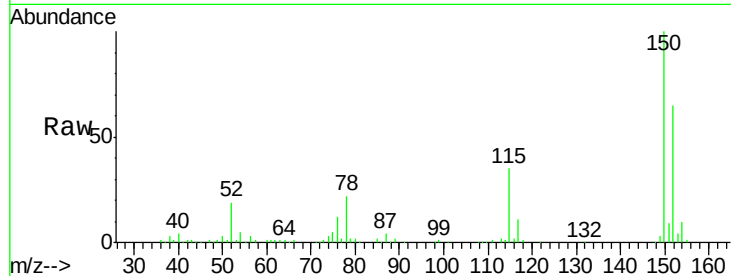


#1

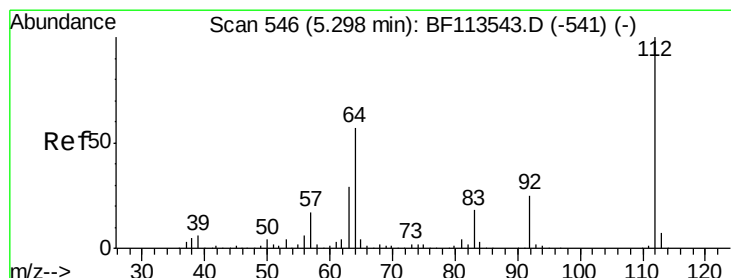
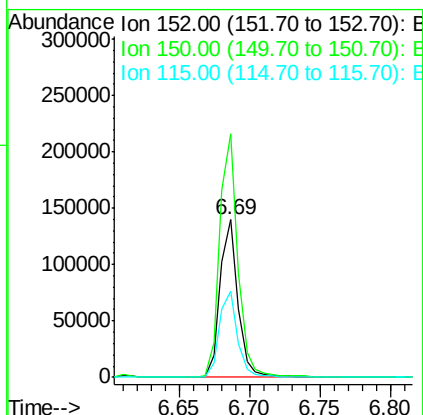
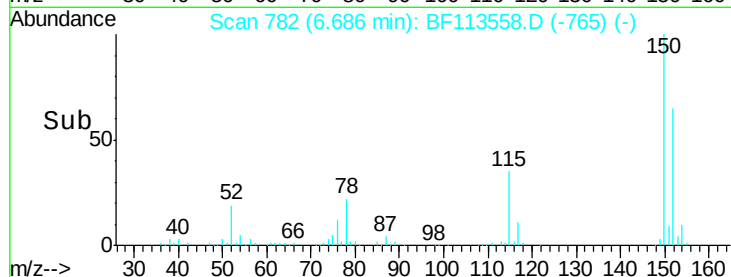
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113558.D
Acq: 3 Apr 2019 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 123821
Ion Ratio Lower Upper
152 100
150 154.7 124.7 187.1
115 54.4 46.0 69.0



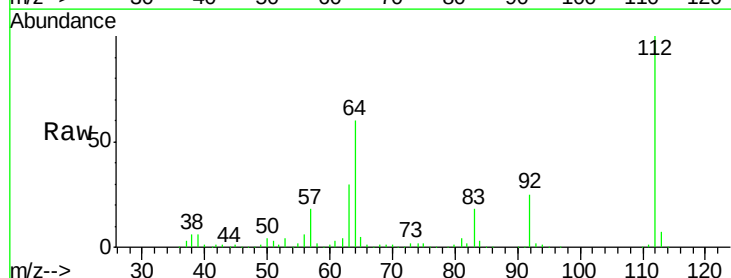
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



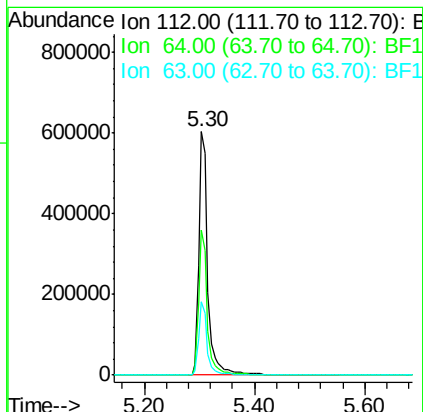
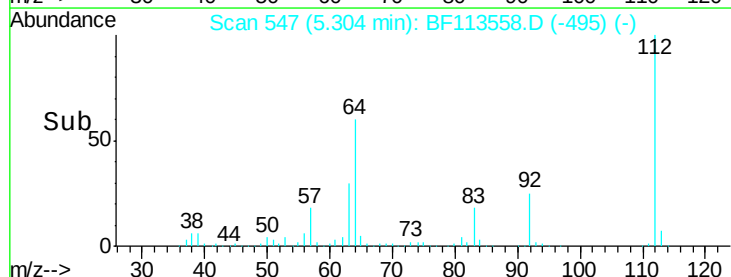
#5

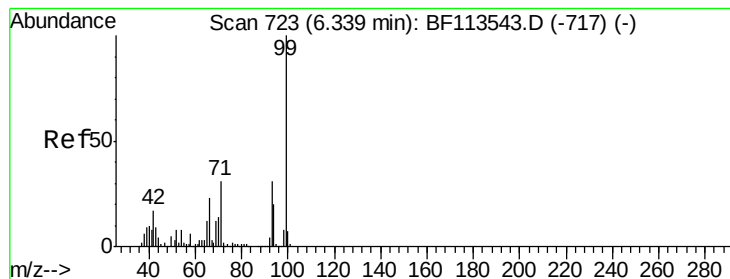
2-Fluorophenol
Concen: 94.207 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113558.D
Acq: 3 Apr 2019 22:13

Tgt Ion:112 Resp: 684057
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 30.1 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: 85.082 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113558.D

Acq: 3 Apr 2019 22:13

Instrument :

BNA_F

ClientSampled :

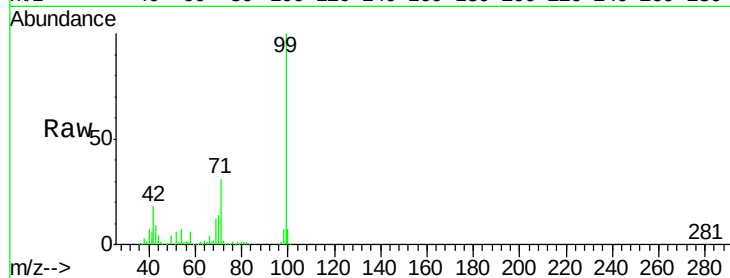
Tot Ion: 99 Resp: 761441

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

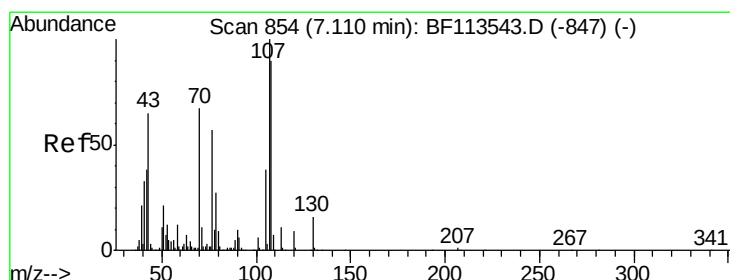
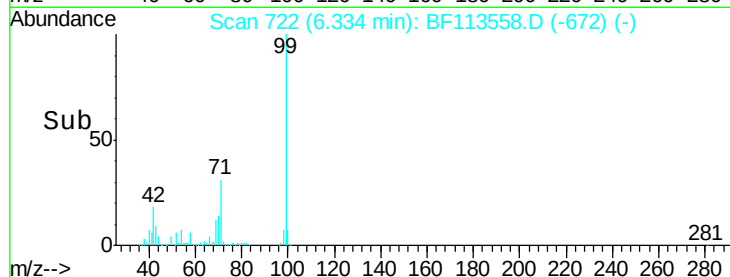
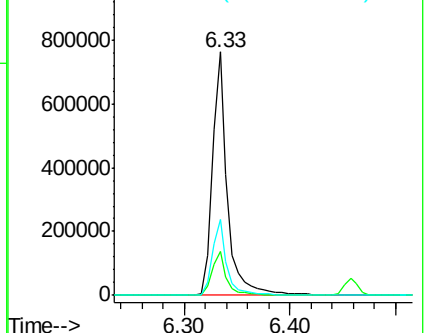
71 30.9 24.9 37.3



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: 15.052 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.14 min

Lab File: BF113558.D

Acq: 3 Apr 2019 22:13

Tgt Ion: 70 Resp: 83069

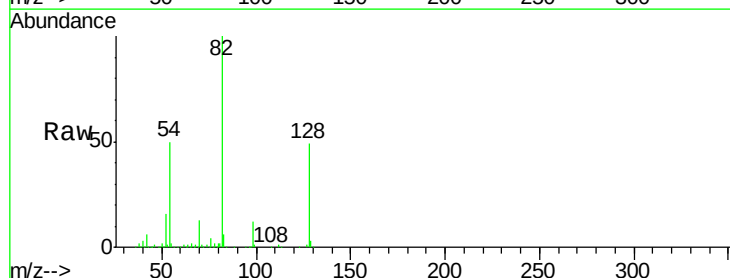
Ion Ratio Lower Upper

70 100

42 47.2 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

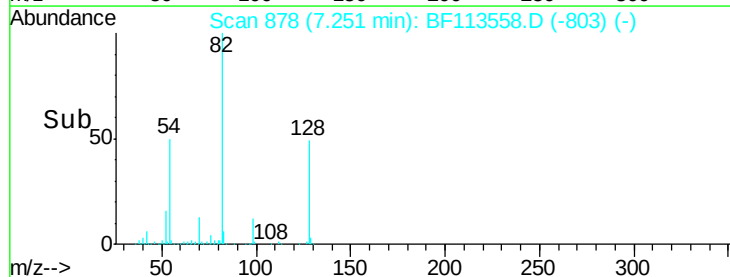
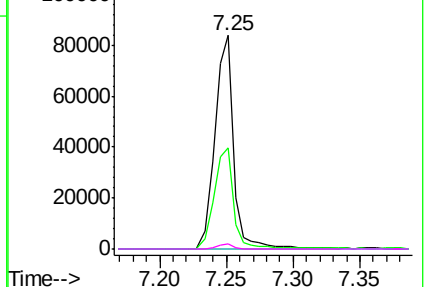


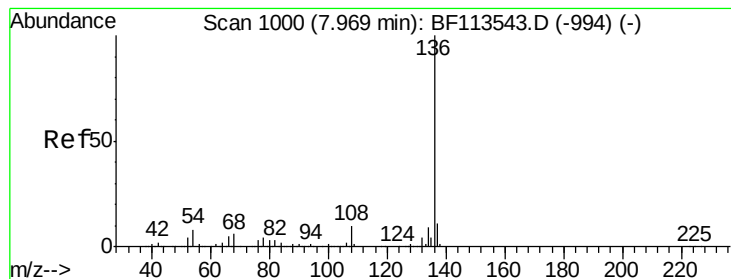
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113558.D

Acq: 3 Apr 2019 22:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 429809

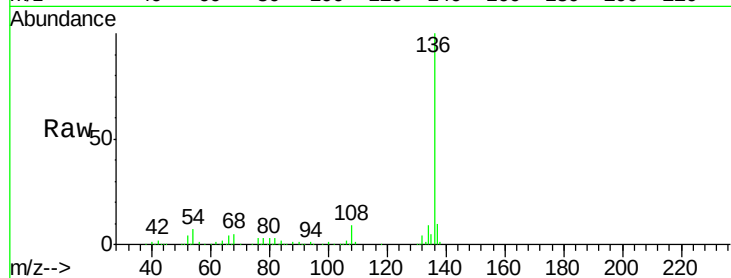
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.1 7.0 10.6

68 5.4 4.8 7.2

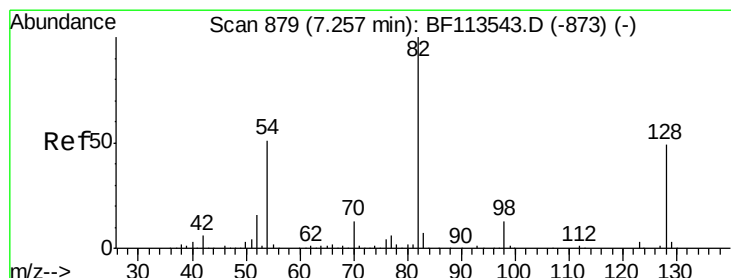
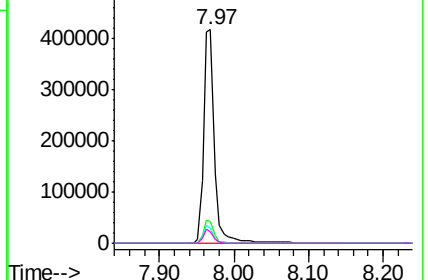
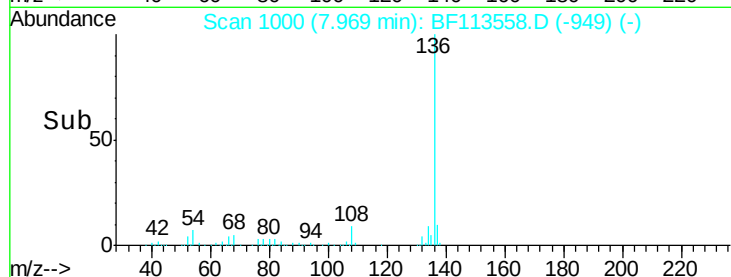


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.251 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113558.D

Acq: 3 Apr 2019 22:13

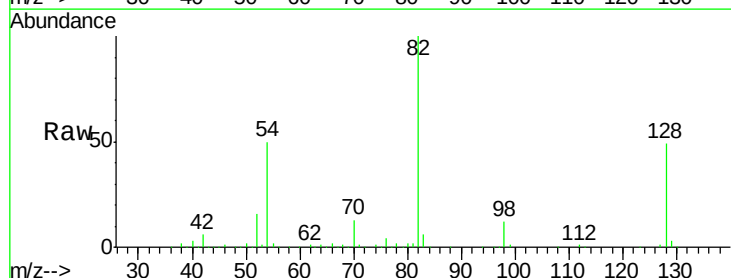
Tgt Ion: 82 Resp: 647558

Ion Ratio Lower Upper

82 100

128 49.3 36.5 54.7

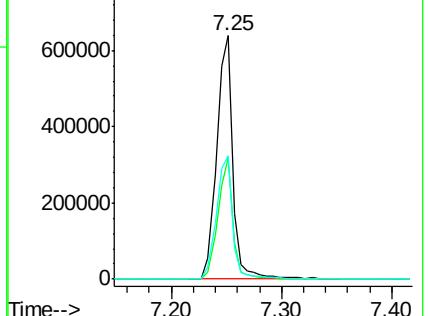
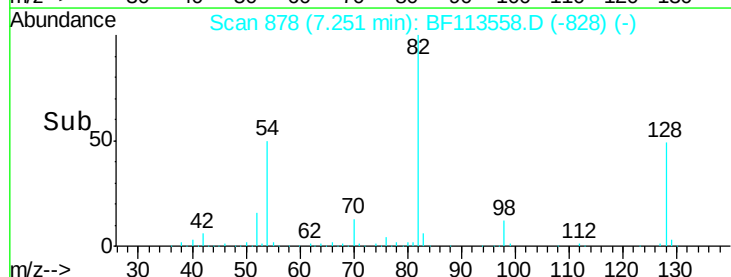
54 50.4 42.2 63.2

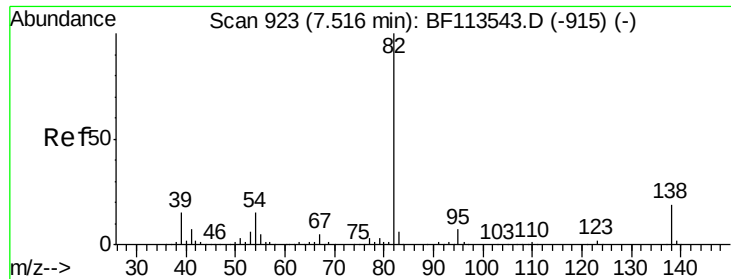


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

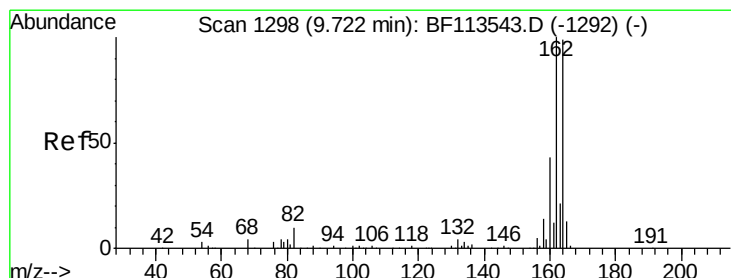
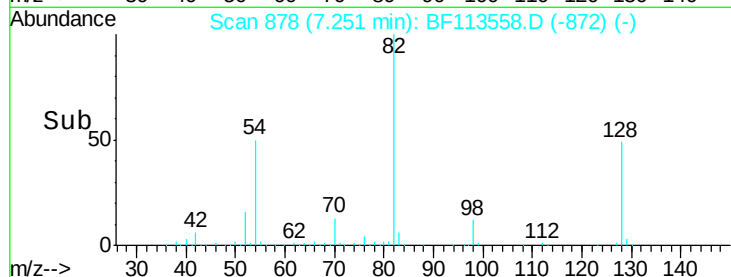
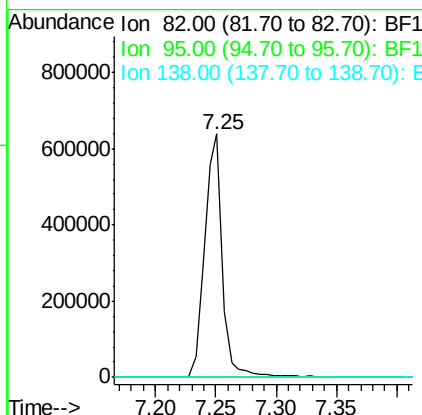
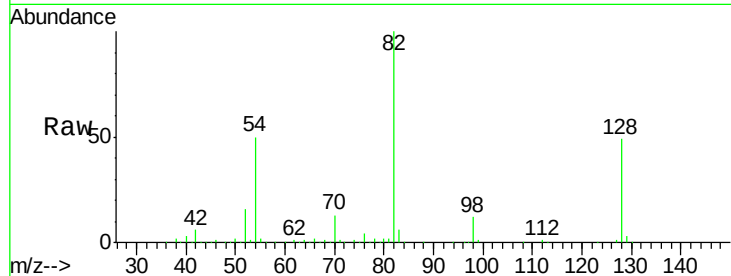




#25
Isophorone
Concen: 44.891 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.26 min
Lab File: BF113558.D
Acq: 3 Apr 2019 22:13

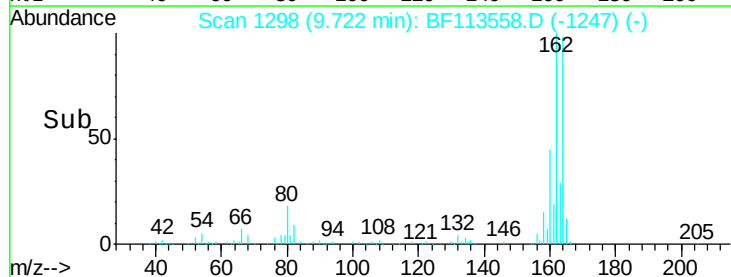
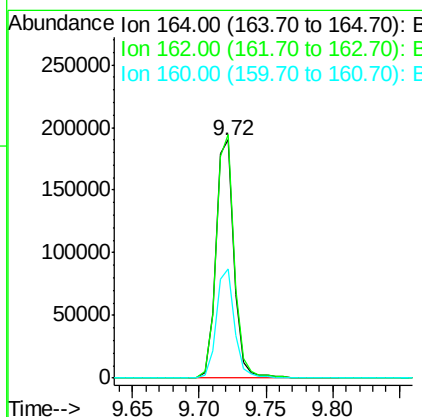
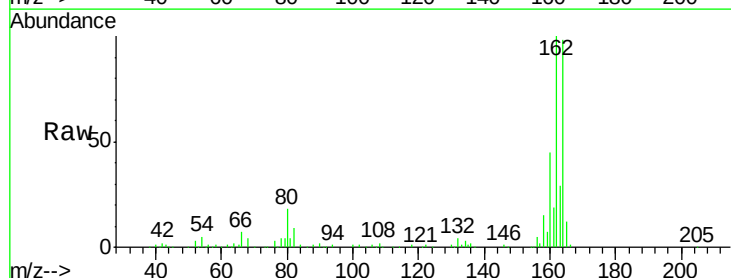
Instrument :
BNA_F
ClientSampleId :

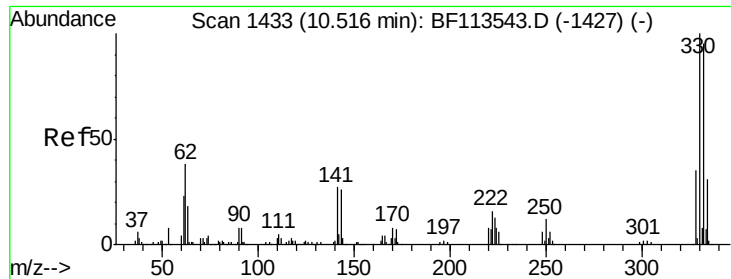
Tot Ion: 82 Resp: 634534
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF113558.D
Acq: 3 Apr 2019 22:13

Tgt Ion:164 Resp: 182936
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 45.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 107.991 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113558.D

Acq: 3 Apr 2019 22:13

Instrument :

BNA_F

ClientSampleId :

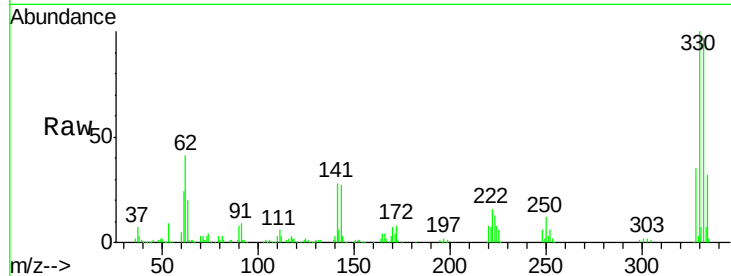
Tot Ion:330 Resp: 237312

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

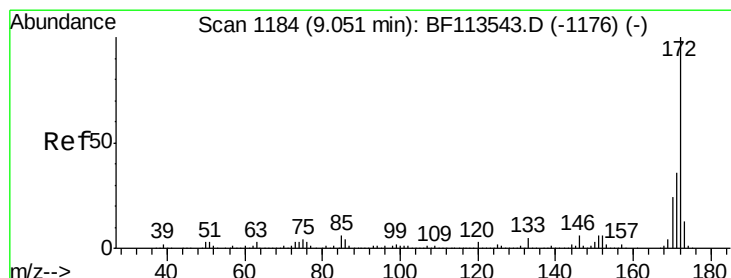
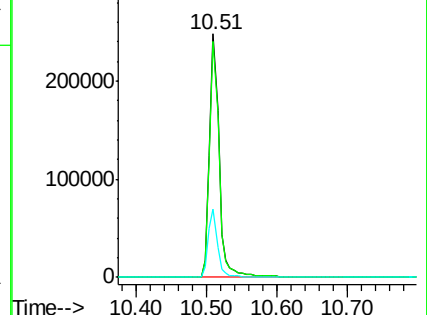
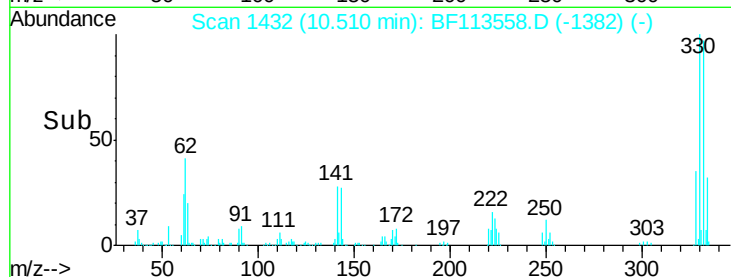
141 27.5 22.7 34.1



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: 104.767 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF113558.D

Acq: 3 Apr 2019 22:13

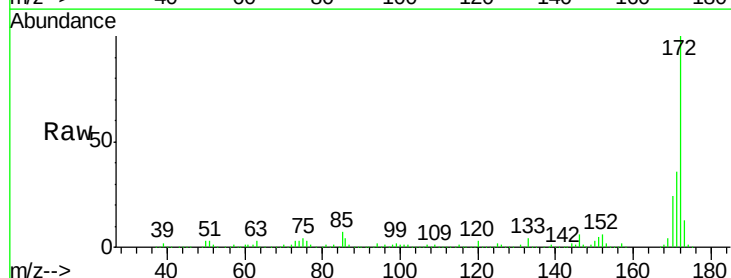
Tgt Ion:172 Resp: 1190490

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

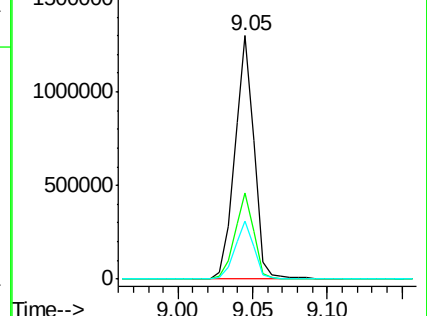
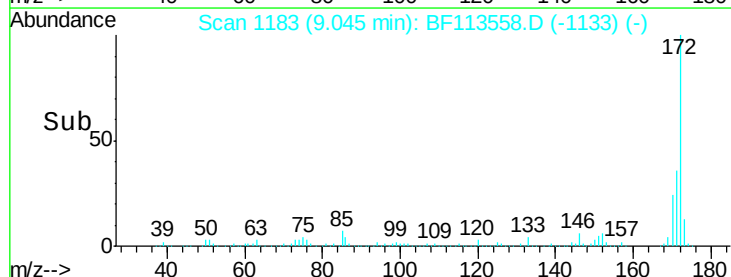
170 23.9 19.5 29.3

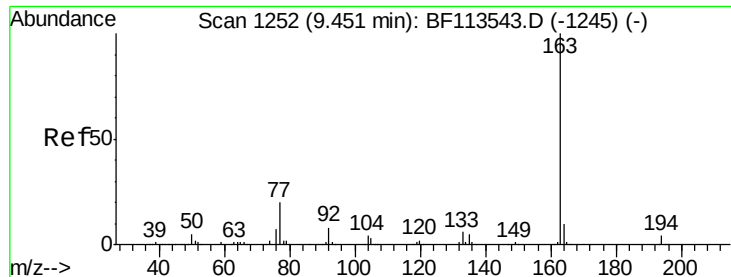


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.539 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.27 min

Lab File: BF113558.D

Acq: 3 Apr 2019 22:13

Instrument :

BNA_F

ClientSampled :

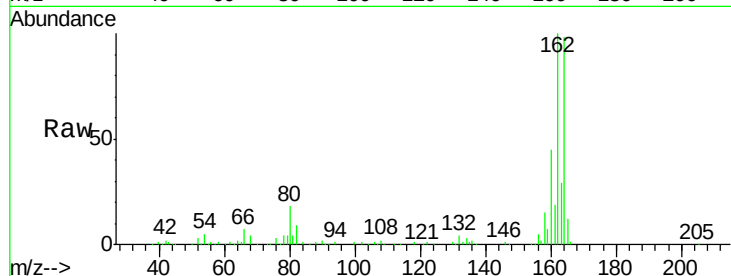
Tot Ion:163 Resp: 47723

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

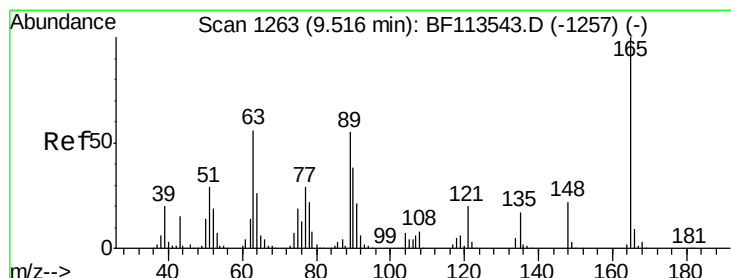
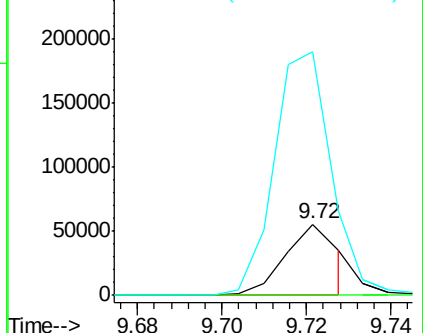
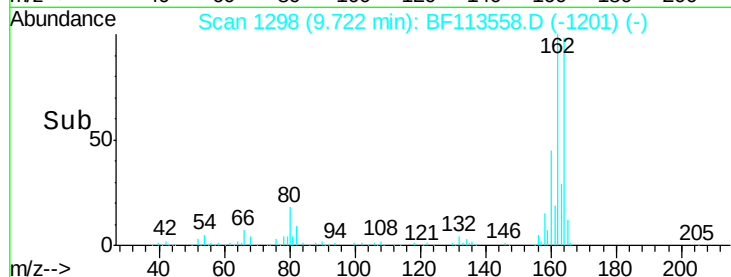
164 342.1 8.1 12.1#



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: 7.731 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.20 min

Lab File: BF113558.D

Acq: 3 Apr 2019 22:13

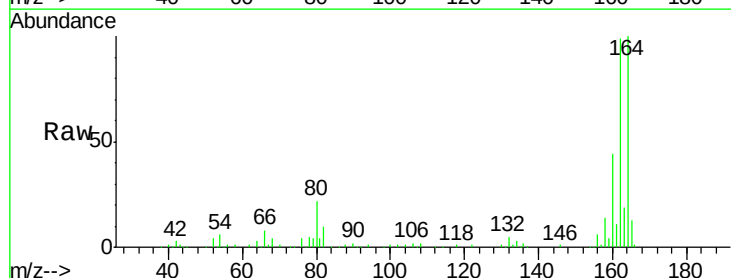
Tgt Ion:165 Resp: 22979

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

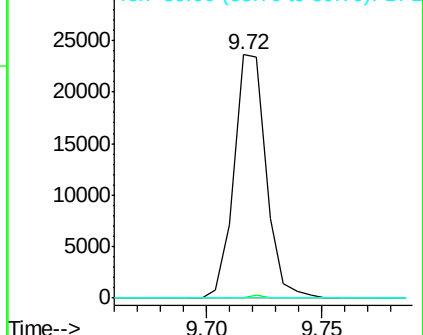
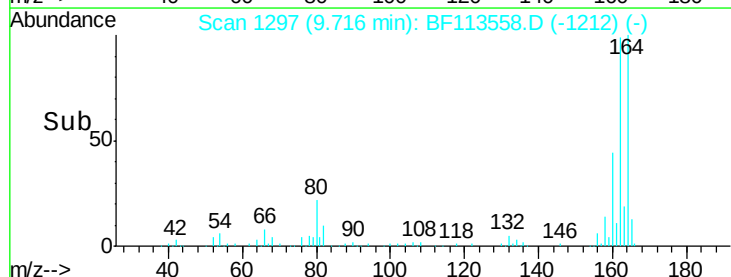
89 0.0 43.1 64.7#

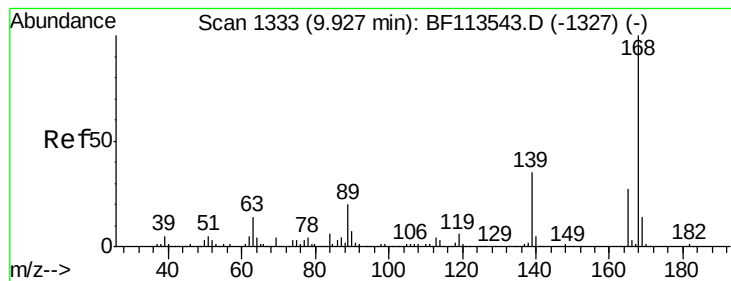


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

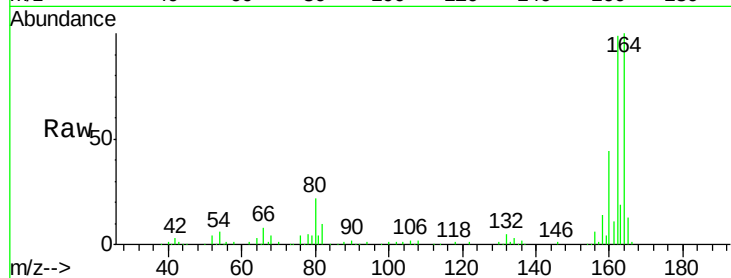




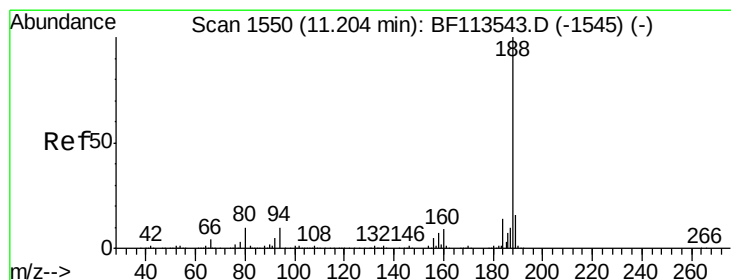
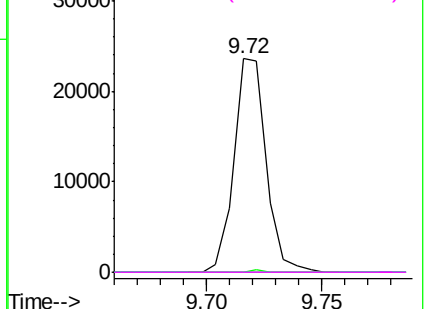
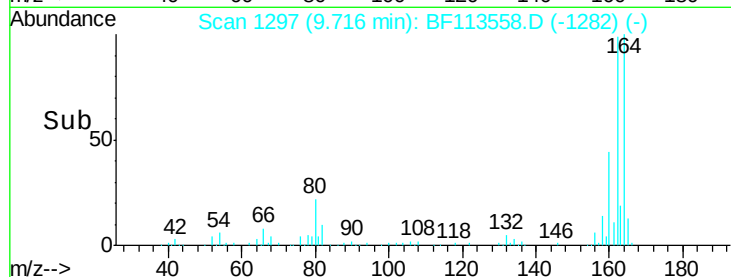
#57
 2,4-Dinitrotoluene
 Concen: 6.392 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF113558.D
 Acq: 3 Apr 2019 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22979
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.5 56.3#
 89 0.0 57.4 86.2#
 182 0.0 2.0 3.0#

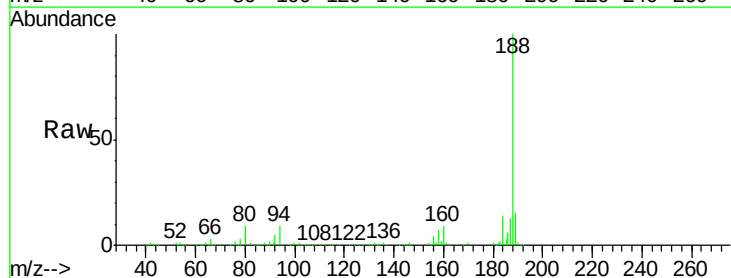


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

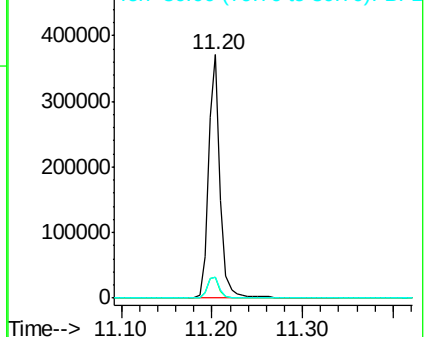
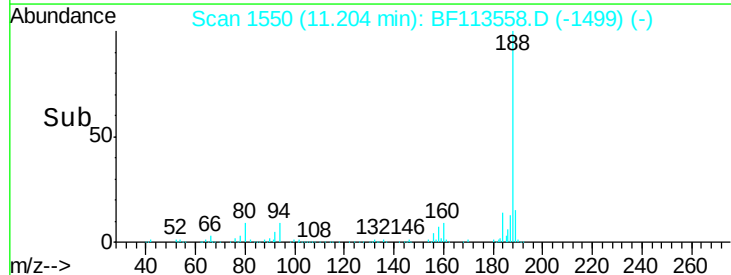


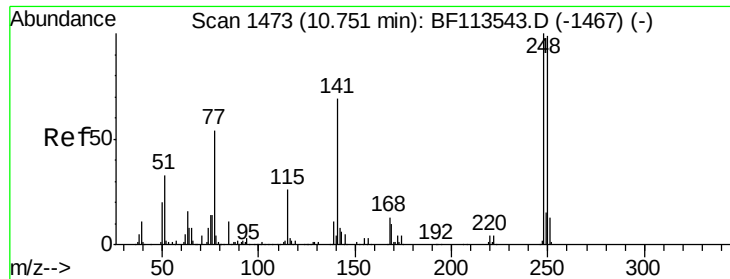
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF113558.D
 Acq: 3 Apr 2019 22:13

Tgt Ion:188 Resp: 330672
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.0 10.6
 80 8.8 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

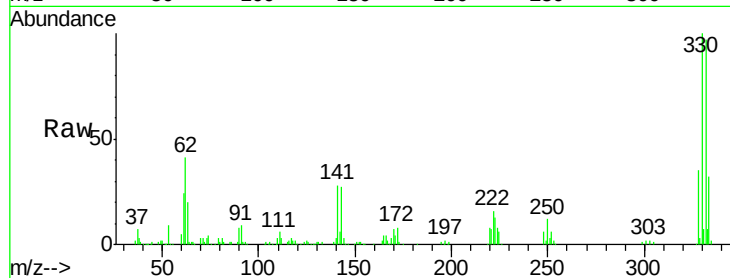




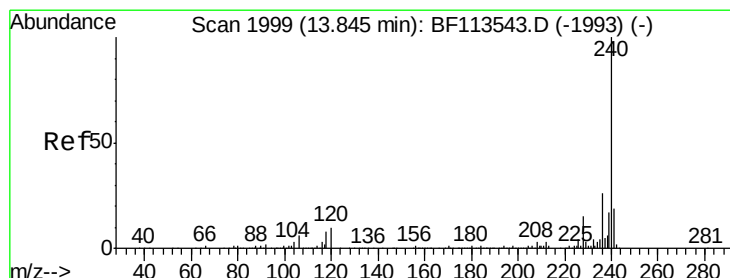
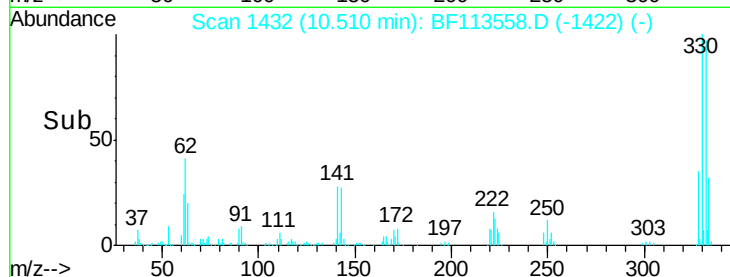
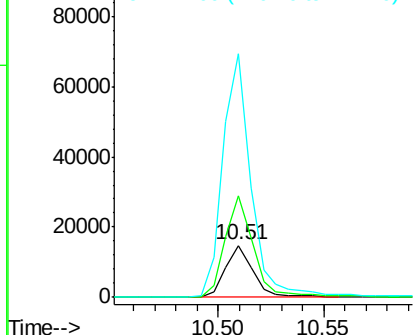
#67
4-Bromophenyl-phenylether
Concen: 3.606 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.24 min
Lab File: BF113558.D
Acq: 3 Apr 2019 22:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13374
Ion Ratio Lower Upper
248 100
250 195.5 78.3 117.5#
141 467.4 56.2 84.4#

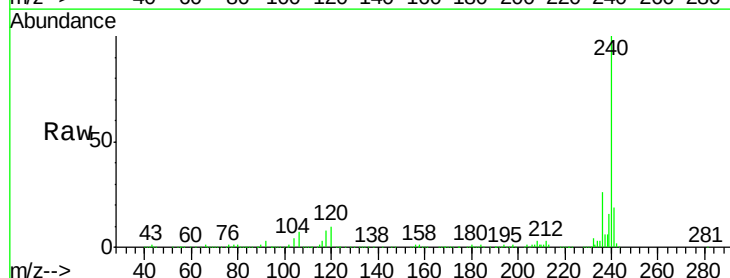


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

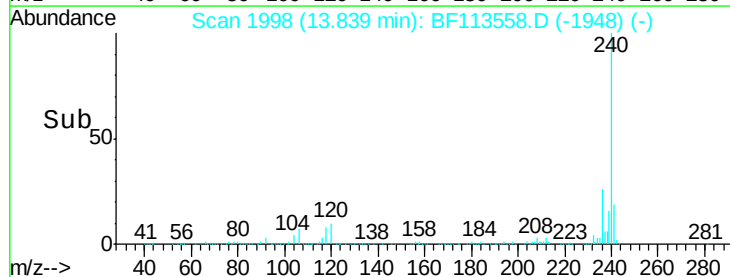
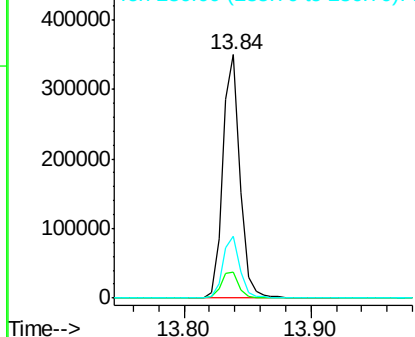


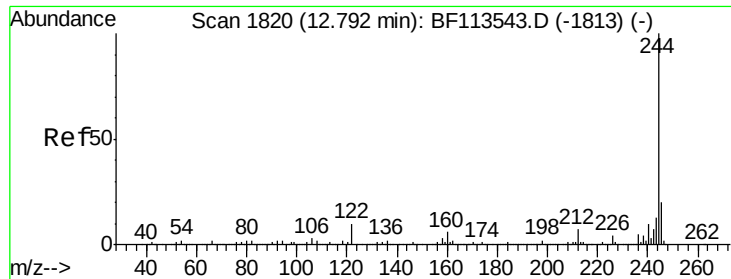
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113558.D
Acq: 3 Apr 2019 22:13

Tgt Ion:240 Resp: 330677
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.6 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

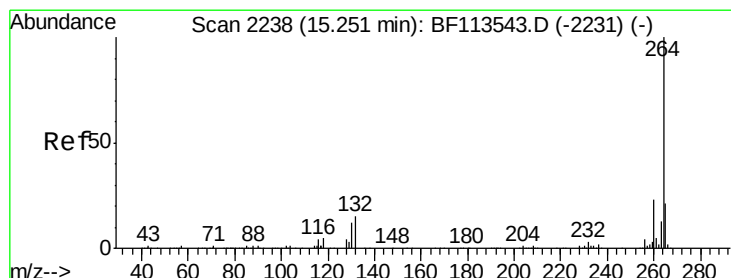
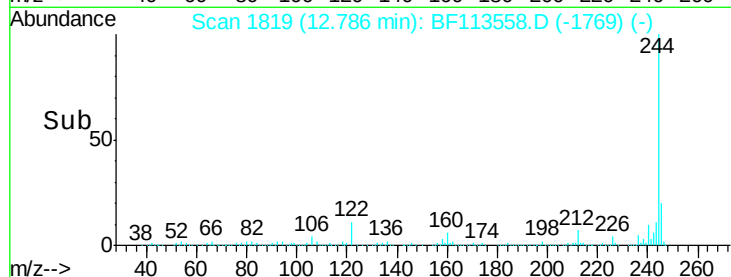
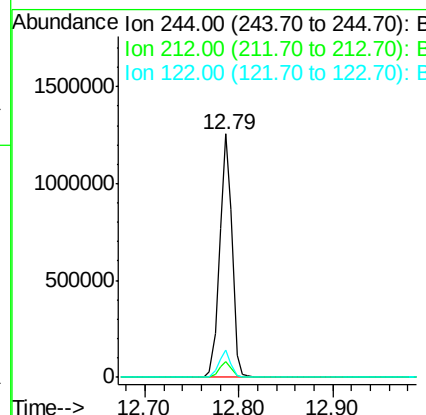
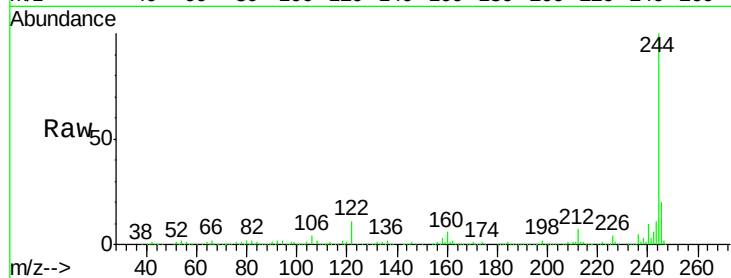




#79
 Terphenyl-d14
 Concen: 71.992 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113558.D
 Acq: 3 Apr 2019 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1169242
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.3 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF113558.D
 Acq: 3 Apr 2019 22:13

Tgt Ion:264 Resp: 301522
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 22.5 17.1 25.7

