

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113557.D
 Acq On : 3 Apr 2019 21:43
 Operator : JU/SJ
 Sample : K2178-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 04:27:26 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

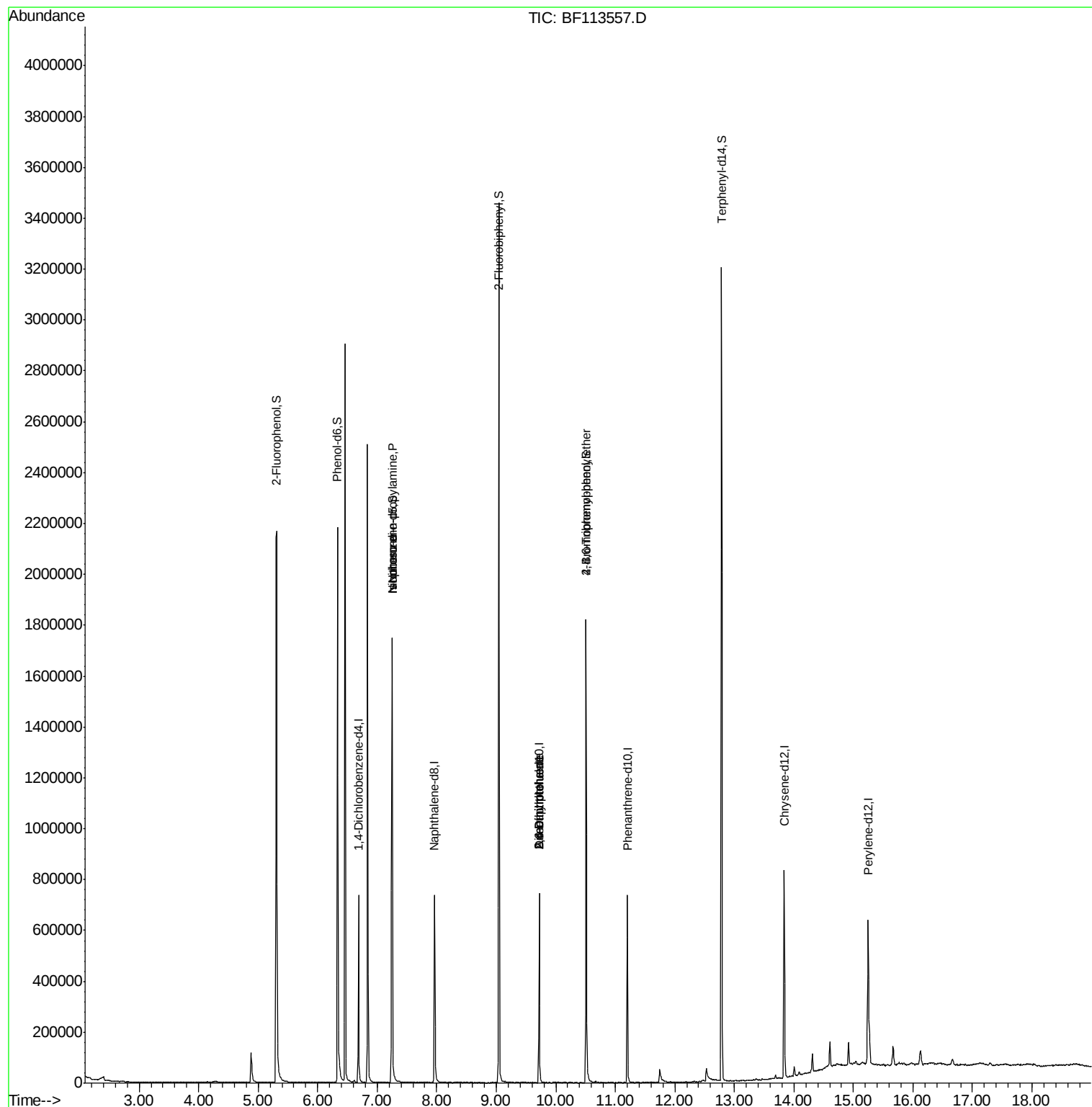
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	113187	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	379168	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	156028	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	288518	20.00	ng	0.00
76) Chrysene-d12	13.84	240	303788	20.00	ng	0.00
87) Perylene-d12	15.24	264	278899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	739184	111.36	ng	0.01
7) Phenol-d6	6.33	99	822503	100.54	ng	0.00
23) Nitrobenzene-d5	7.25	82	623554	96.33	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	252322	134.62	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1088449	112.31	ng	0.00
79) Terphenyl-d14	12.79	244	1141930	76.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	80377	15.933	ng	# 74
25) Isophorone	7.25	82	623549	50.005	ng	# 64
50) Dimethylphthalate	9.72	163	40861	3.553	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	19226	7.584	ng	# 26
57) 2,4-Dinitrotoluene	9.72	165	19226	6.270	ng	# 23
67) 4-Bromophenyl-phenylether	10.51	248	14150	4.373	ng	# 1

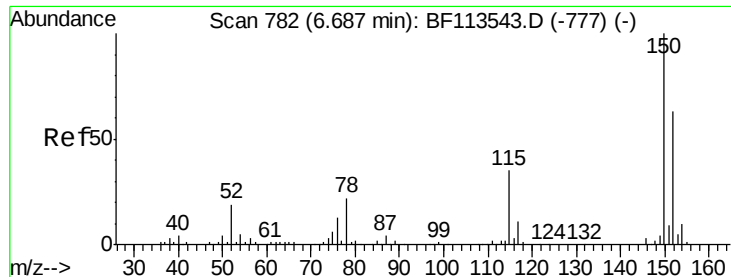
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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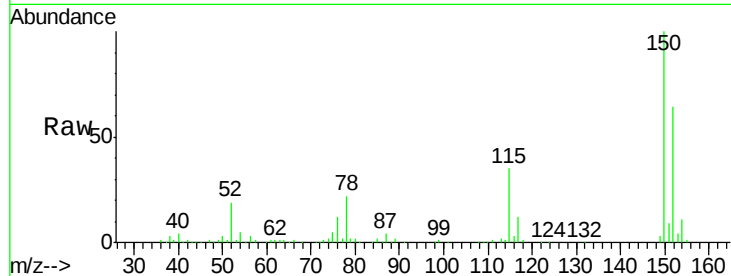


#1

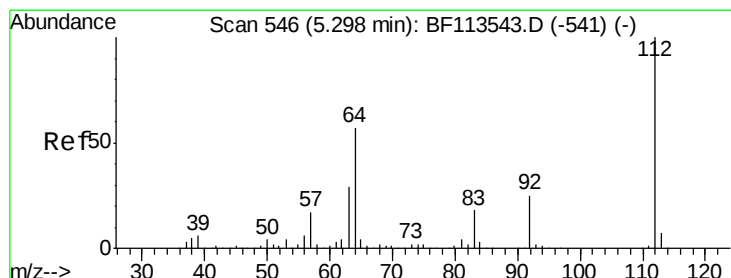
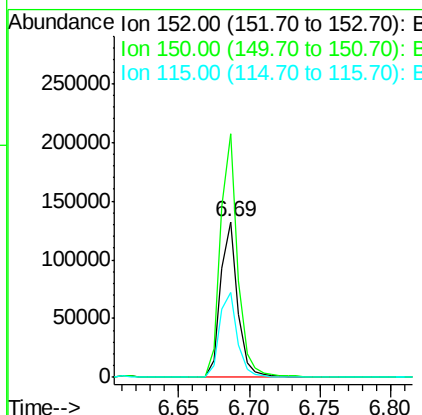
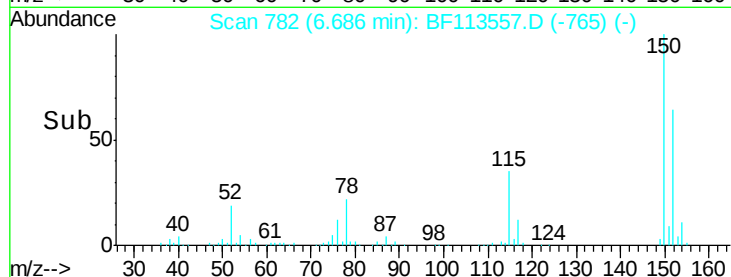
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113557.D
Acq: 3 Apr 2019 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113187
Ion Ratio Lower Upper
152 100
150 156.5 124.7 187.1
115 55.0 46.0 69.0



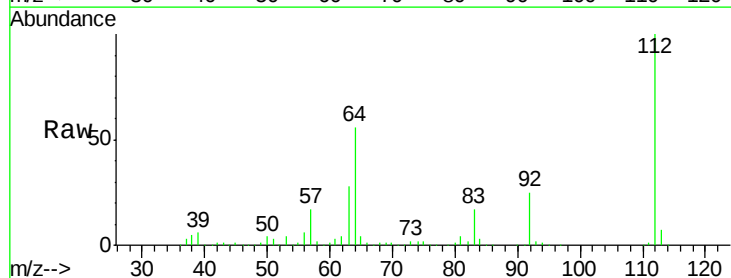
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



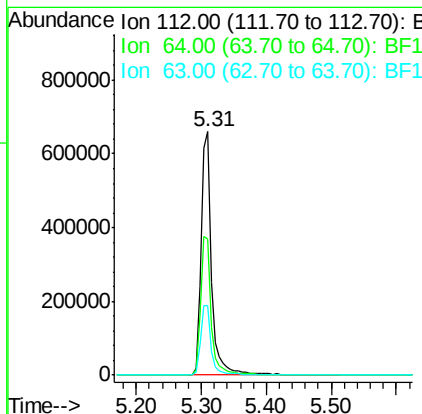
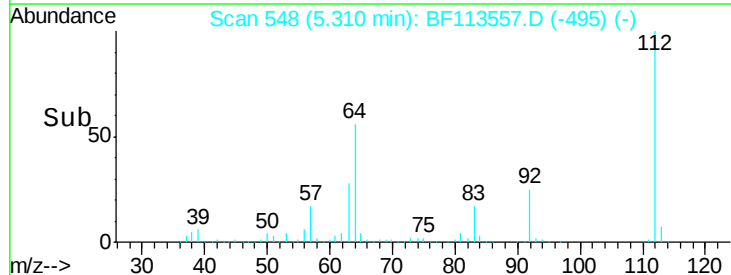
#5

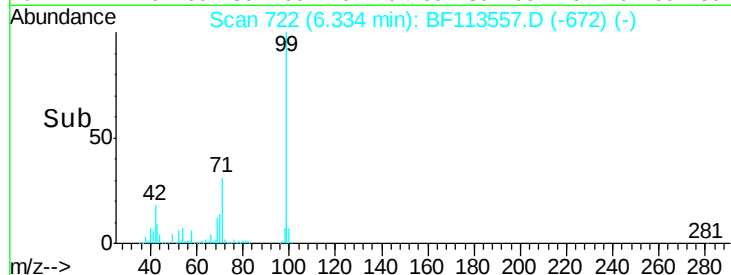
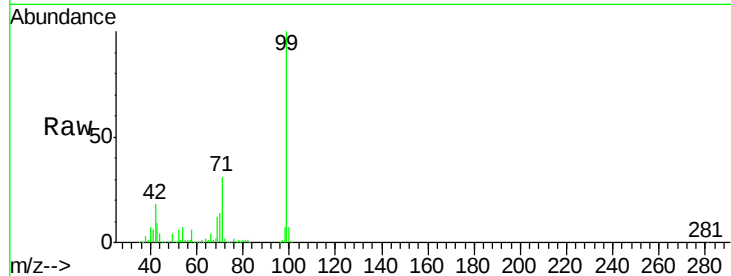
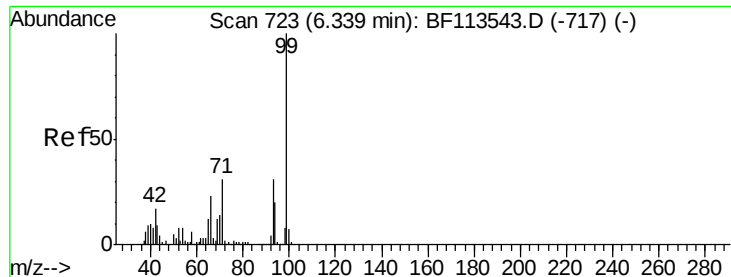
2-Fluorophenol
Concen: 111.363 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113557.D
Acq: 3 Apr 2019 21:43

Tgt Ion:112 Resp: 739184
Ion Ratio Lower Upper
112 100
64 55.7 49.2 73.8
63 28.4 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: 100.539 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113557.D

Acq: 3 Apr 2019 21:43

Instrument :

BNA_F

ClientSampled :

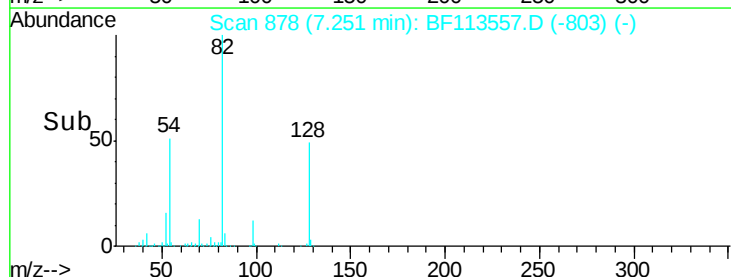
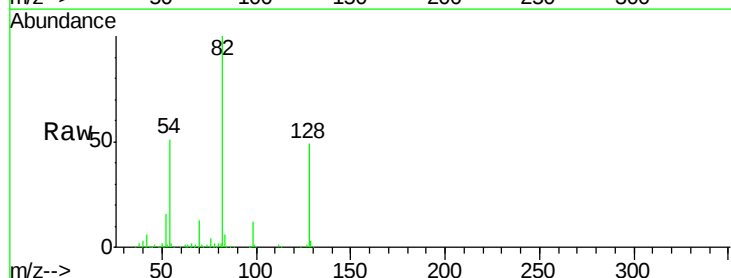
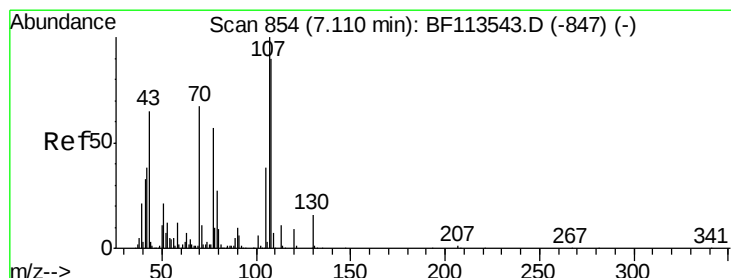
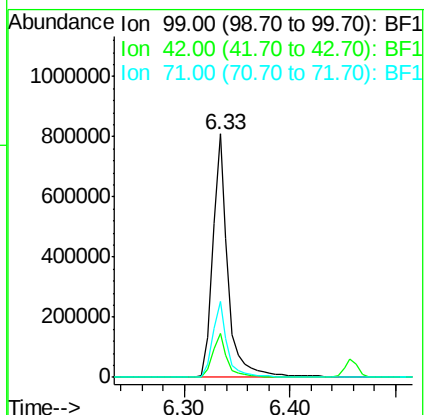
Tot Ion: 99 Resp: 822503

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

71 30.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.933 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.14 min

Lab File: BF113557.D

Acq: 3 Apr 2019 21:43

Tgt Ion: 70 Resp: 80377

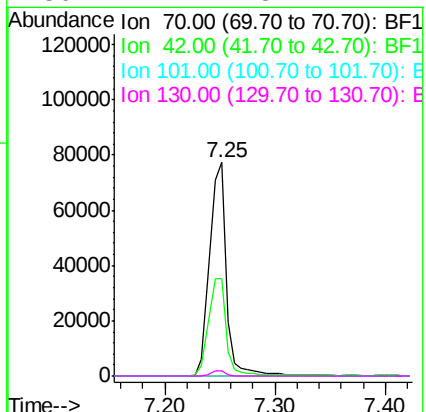
Ion Ratio Lower Upper

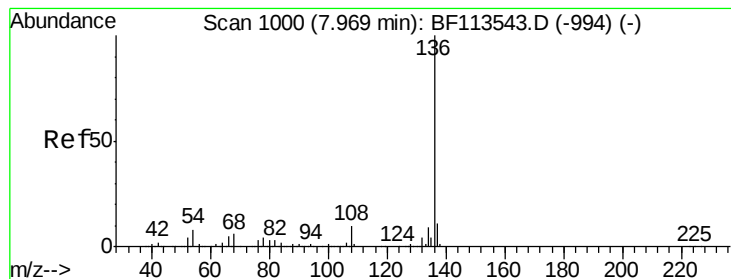
70 100

42 45.5 48.4 72.6#

101 0.0 7.8 11.8#

130 2.7 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113557.D

Acq: 3 Apr 2019 21:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 379168

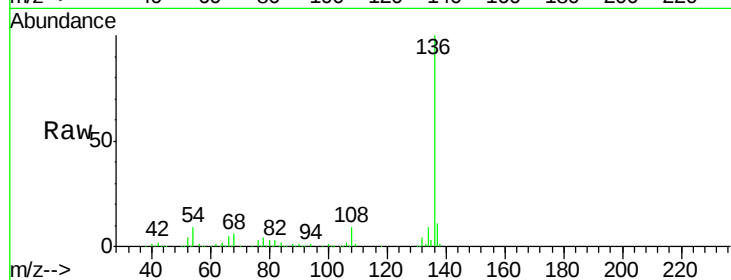
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.7 7.0 10.6

68 6.2 4.8 7.2

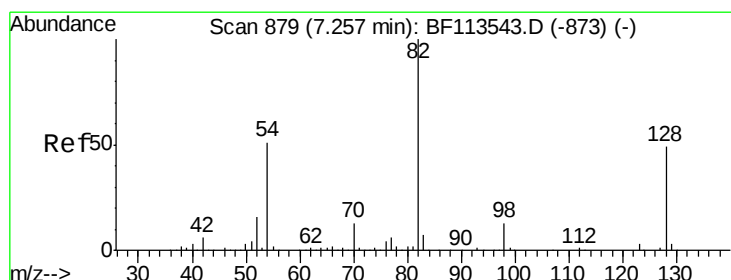
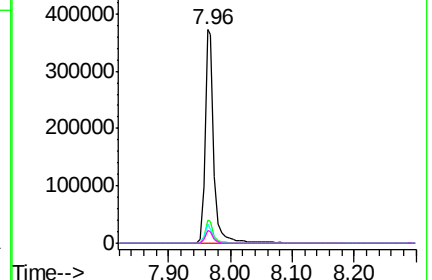
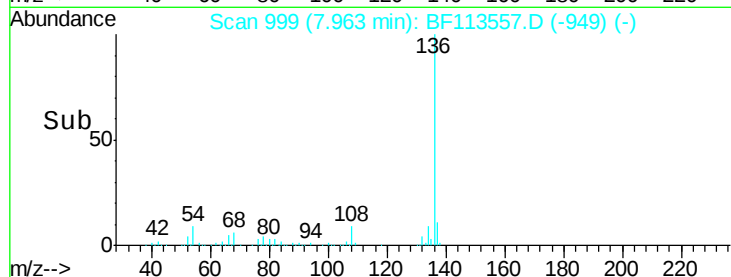


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.329 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113557.D

Acq: 3 Apr 2019 21:43

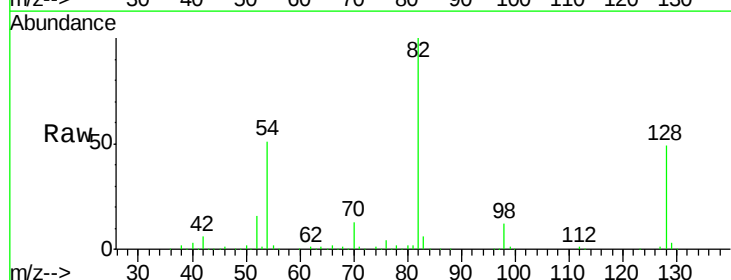
Tgt Ion: 82 Resp: 623554

Ion Ratio Lower Upper

82 100

128 49.2 36.5 54.7

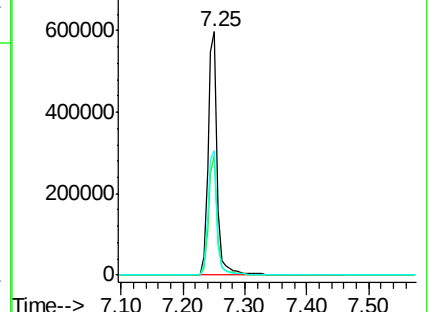
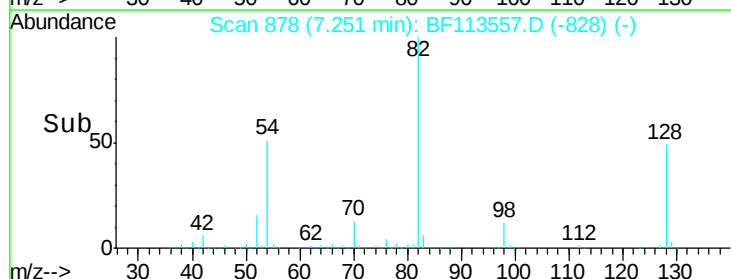
54 51.1 42.2 63.2

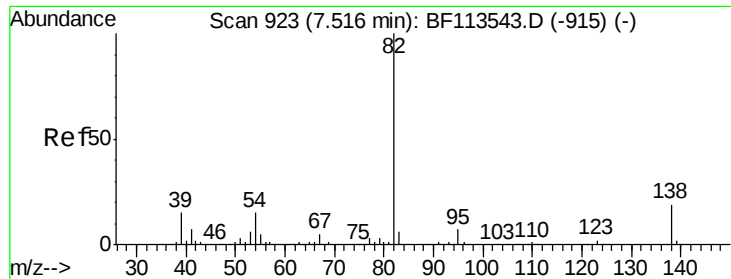


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.005 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.26 min

Lab File: BF113557.D

Acq: 3 Apr 2019 21:43

Instrument :

BNA_F

ClientSampleId :

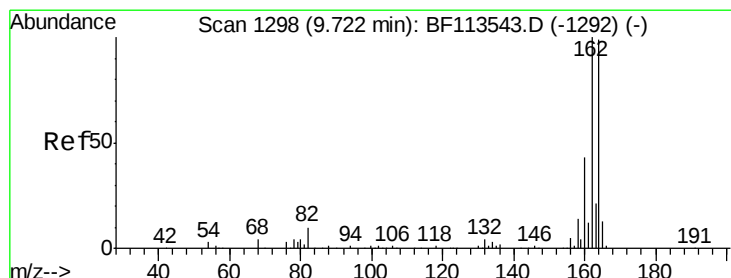
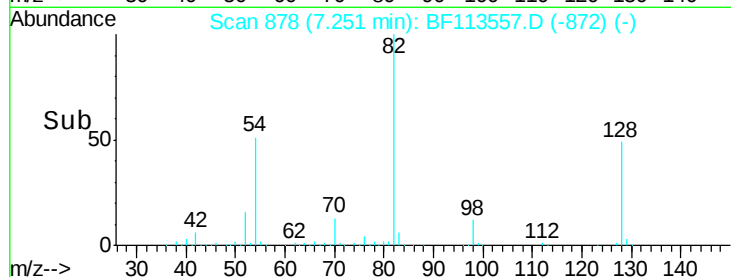
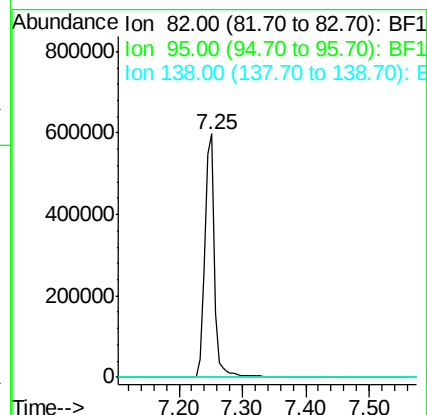
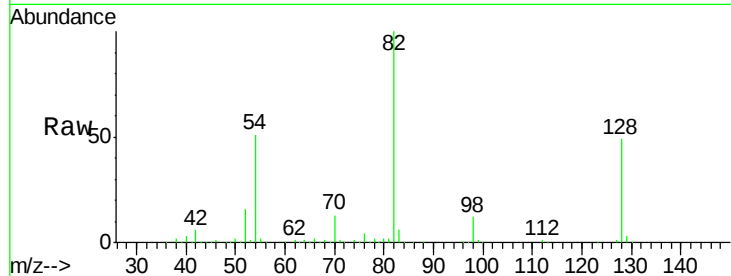
Tot Ion: 82 Resp: 623549

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: BF113557.D

Acq: 3 Apr 2019 21:43

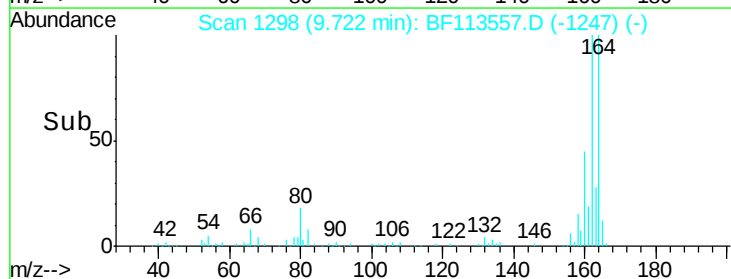
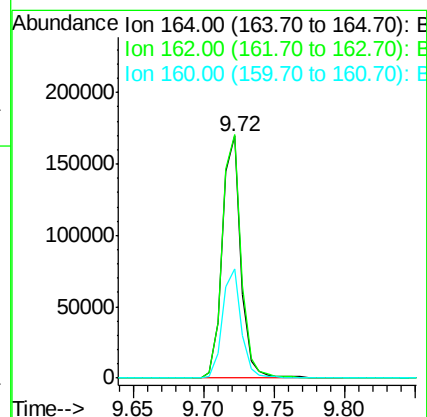
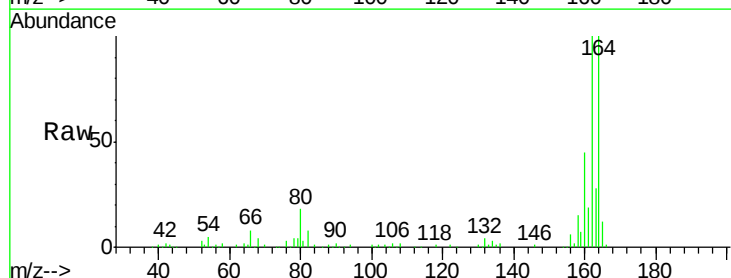
Tgt Ion:164 Resp: 156028

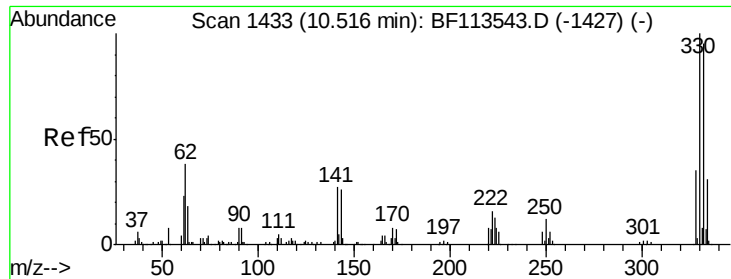
Ion Ratio Lower Upper

164 100

162 100.5 81.8 122.6

160 45.0 36.4 54.6

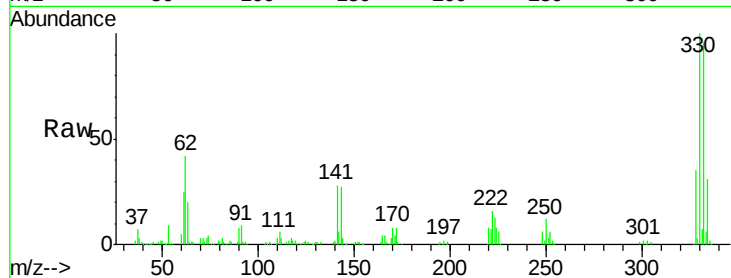




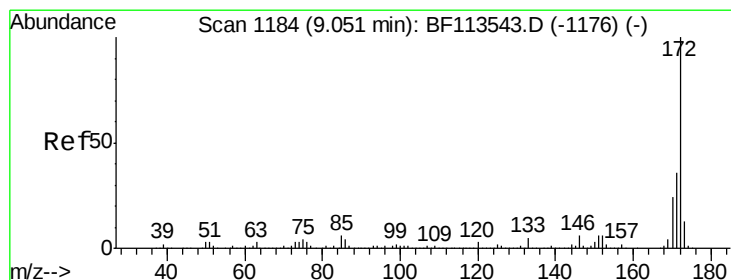
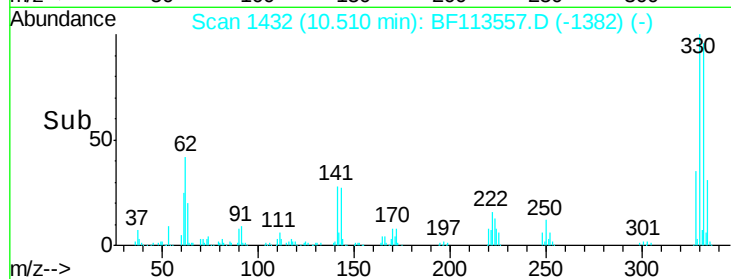
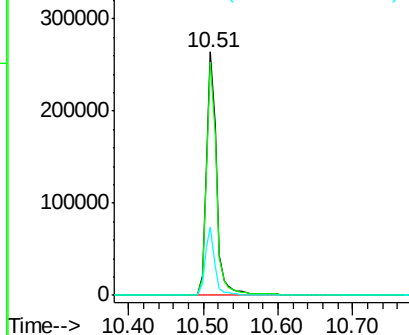
#42
 2,4,6-Tribromophenol
 Concen: 134.624 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113557.D
 Acq: 3 Apr 2019 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 252322
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.8 116.6
 141 27.2 22.7 34.1

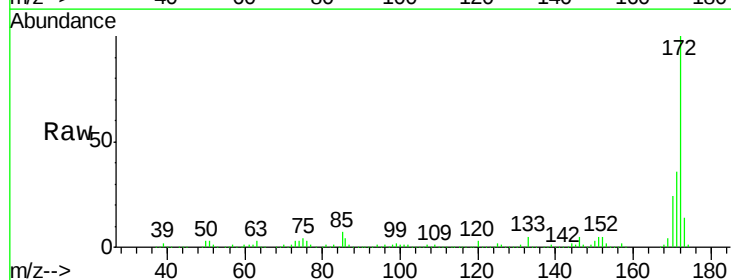


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

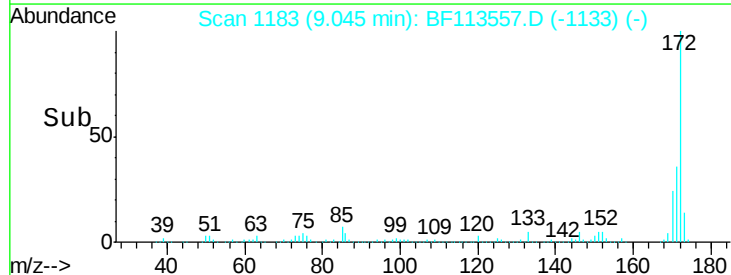
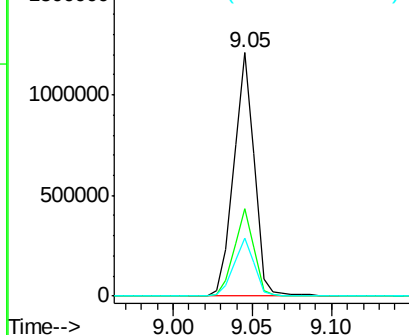


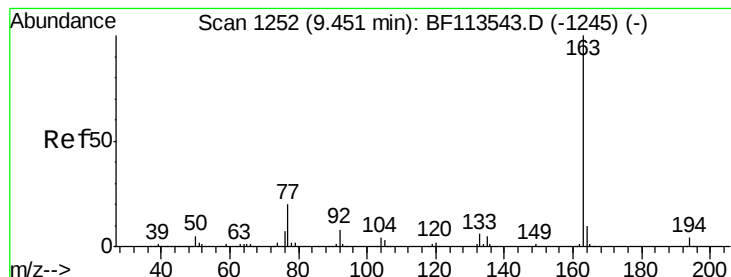
#45
 2-Fluorobiphenyl
 Concen: 112.306 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113557.D
 Acq: 3 Apr 2019 21:43

Tgt Ion:172 Resp: 1088449
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.1 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: 3.553 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.27 min

Lab File: BF113557.D

Acq: 3 Apr 2019 21:43

Instrument :

BNA_F

ClientSampleId :

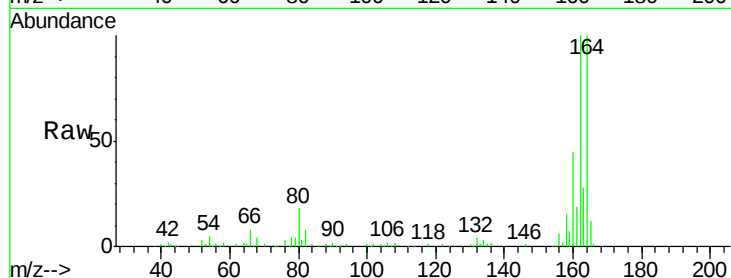
Tot Ion:163 Resp: 40861

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

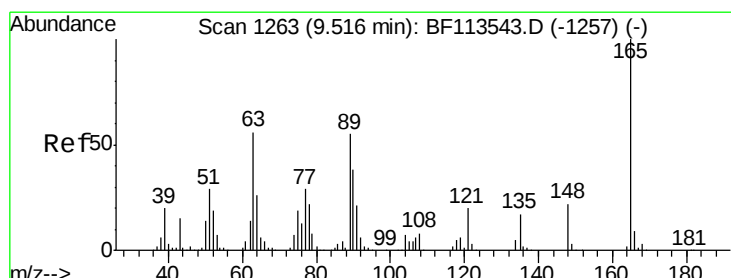
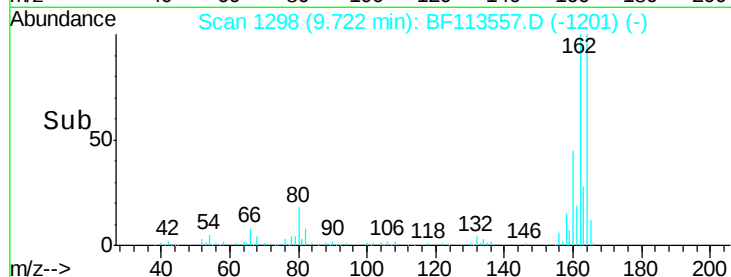
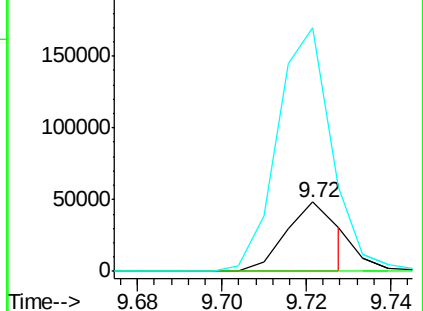
164 351.0 8.1 12.1#



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: 7.584 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF113557.D

Acq: 3 Apr 2019 21:43

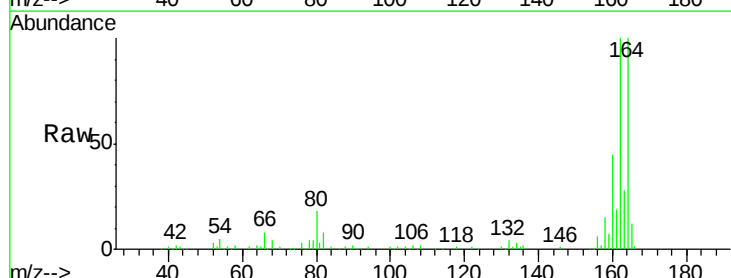
Tgt Ion:165 Resp: 19226

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

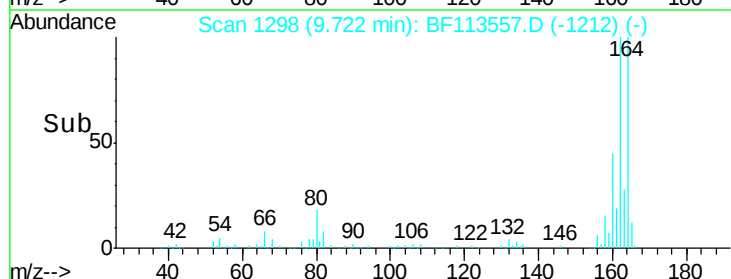
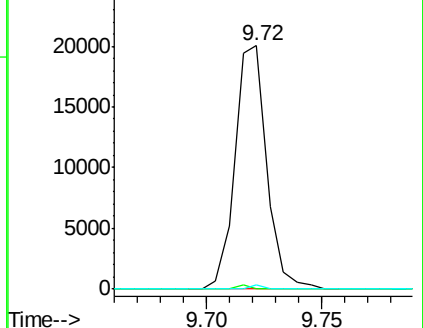
89 2.0 43.1 64.7#

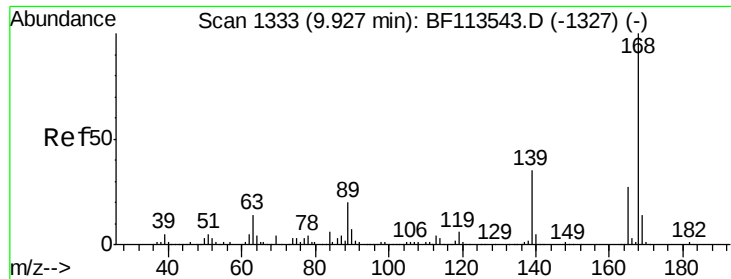


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

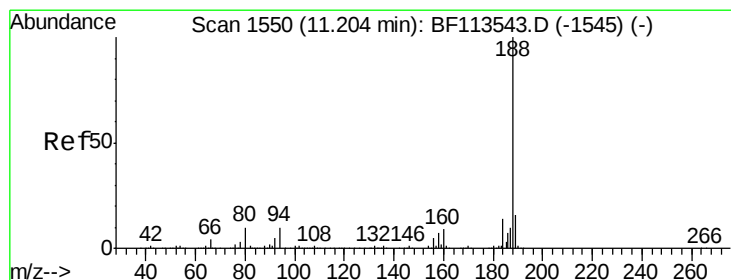
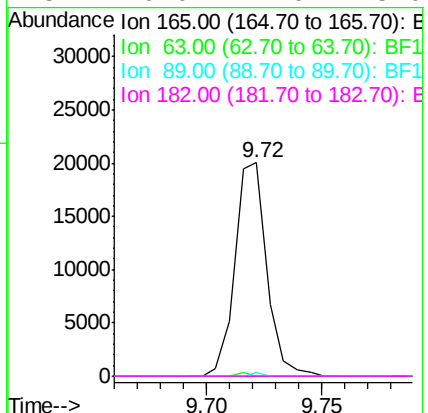
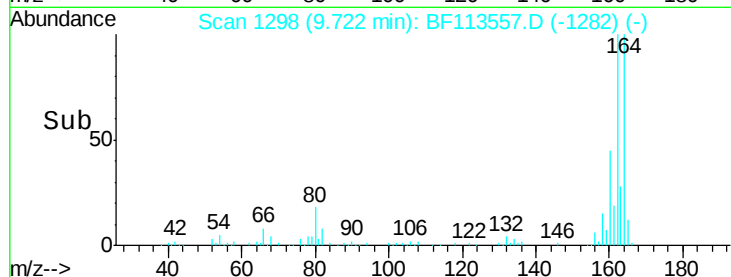
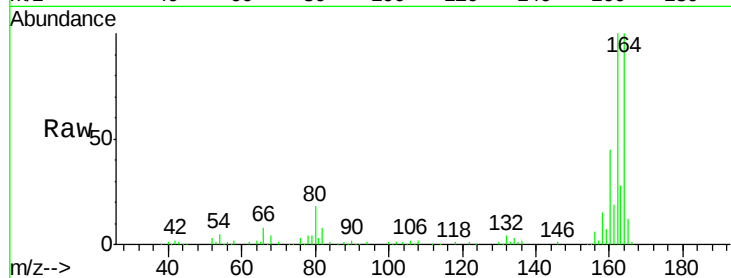




#57
 2,4-Dinitrotoluene
 Concen: 6.270 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF113557.D
 Acq: 3 Apr 2019 21:43

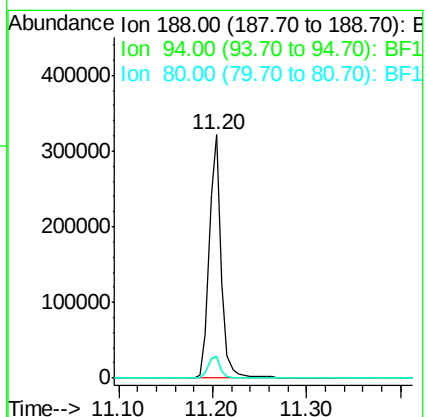
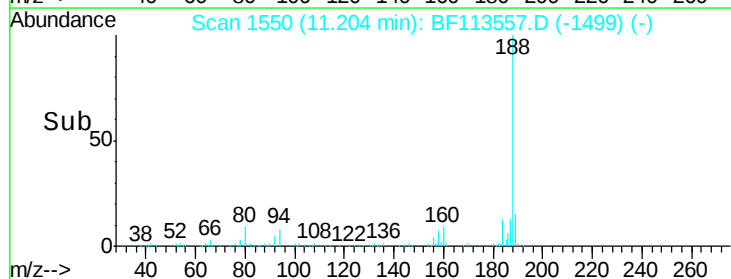
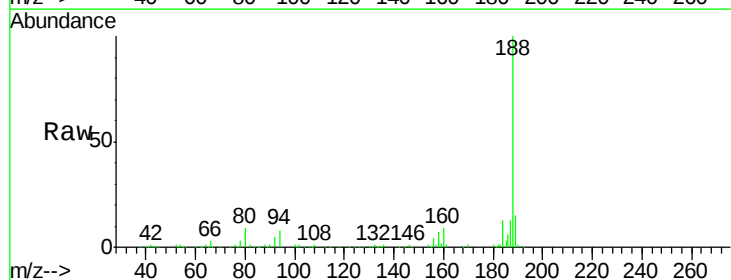
Instrument :
 BNA_F
 ClientSampleId :

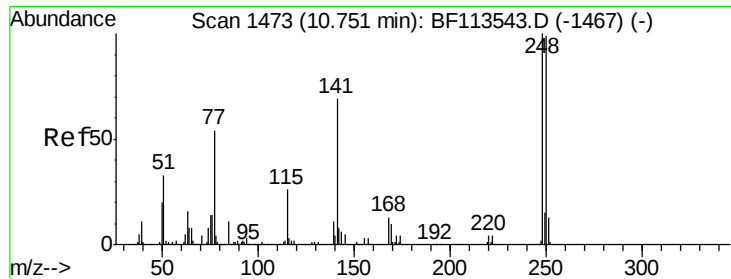
Tot Ion:165 Resp: 19226
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.5 56.3#
 89 2.0 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF113557.D
 Acq: 3 Apr 2019 21:43

Tgt Ion:188 Resp: 288518
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.0 10.6
 80 9.1 7.7 11.5

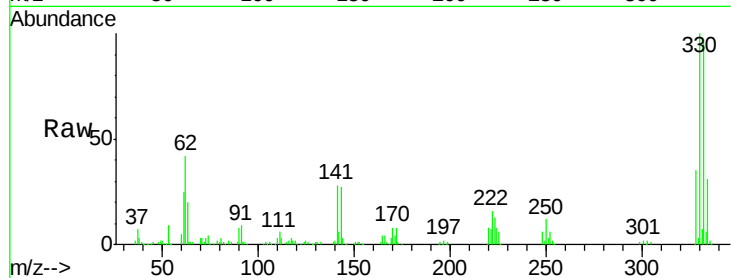




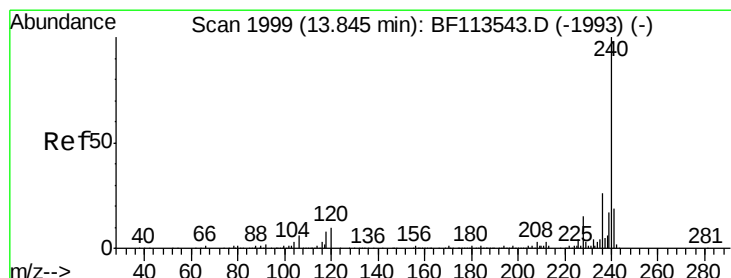
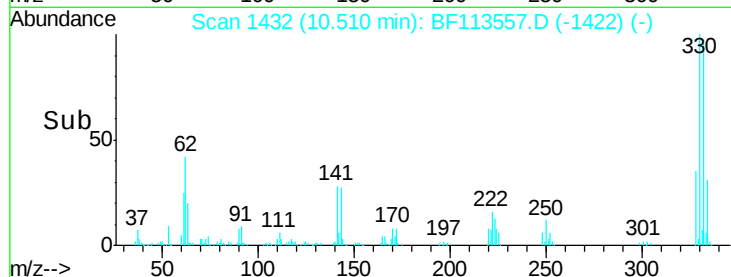
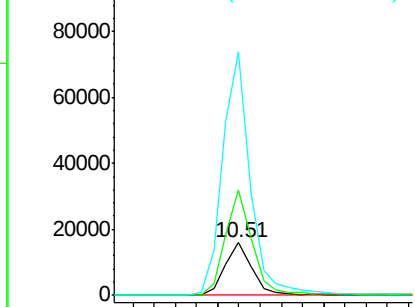
#67
 4-Bromophenyl-phenylether
 Concen: 4.373 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.24 min
 Lab File: BF113557.D
 Acq: 3 Apr 2019 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14150
 Ion Ratio Lower Upper
 248 100
 250 198.9 78.3 117.5#
 141 462.0 56.2 84.4#

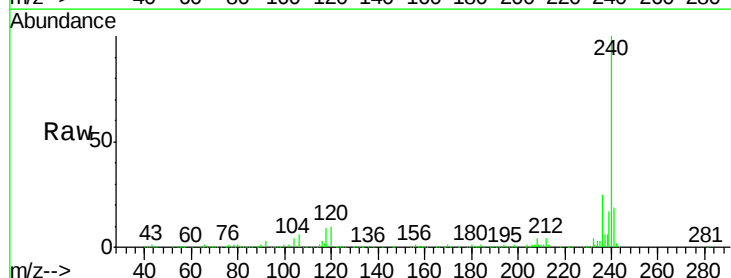


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

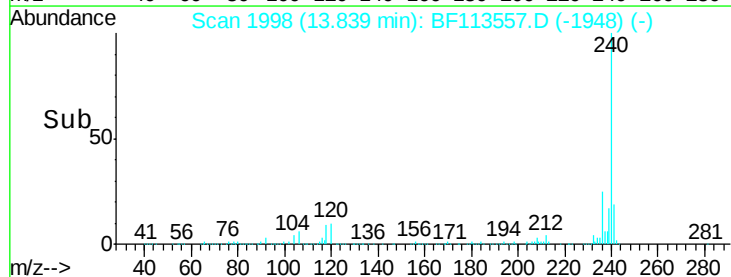
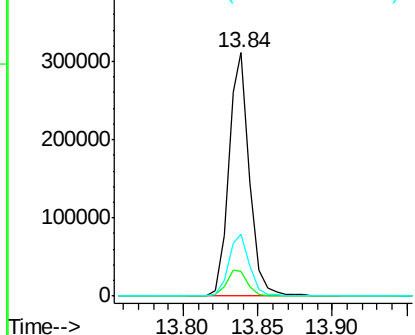


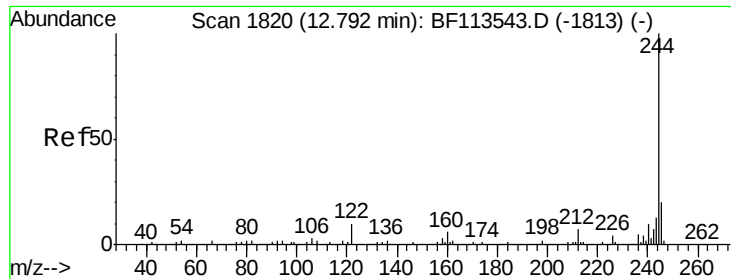
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113557.D
 Acq: 3 Apr 2019 21:43

Tgt Ion:240 Resp: 303788
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.8 13.2
 236 25.2 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



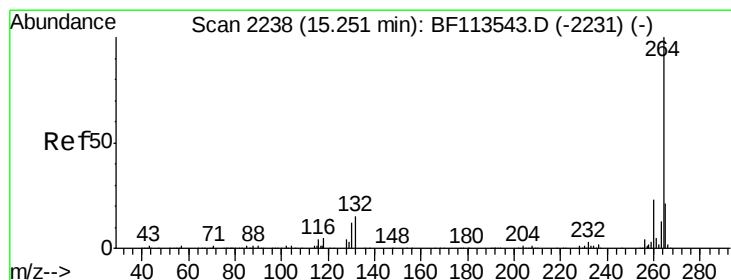
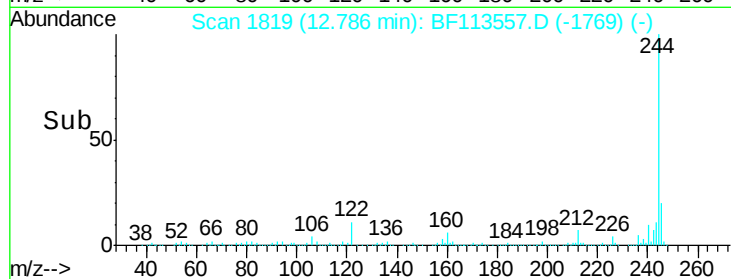
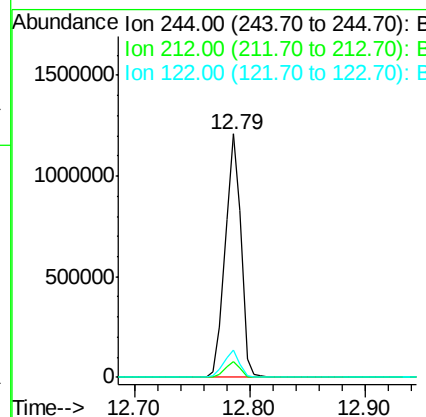
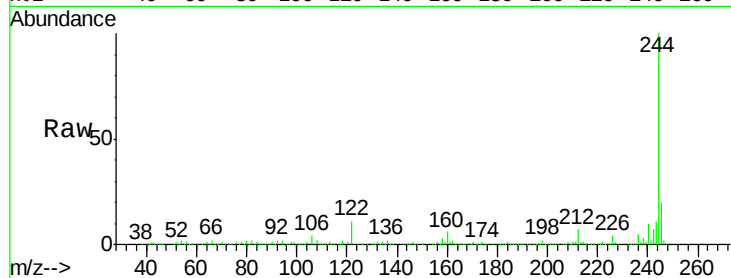


#79
 Terphenyl-d14
 Concen: 76.533 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113557.D
 Acq: 3 Apr 2019 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1141930

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.2	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: BF113557.D
 Acq: 3 Apr 2019 21:43

Tgt Ion:264 Resp: 278899

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	20.9	17.1	25.7

