

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113556.D
 Acq On : 3 Apr 2019 21:14
 Operator : JU/SJ
 Sample : K2178-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 04:27:12 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

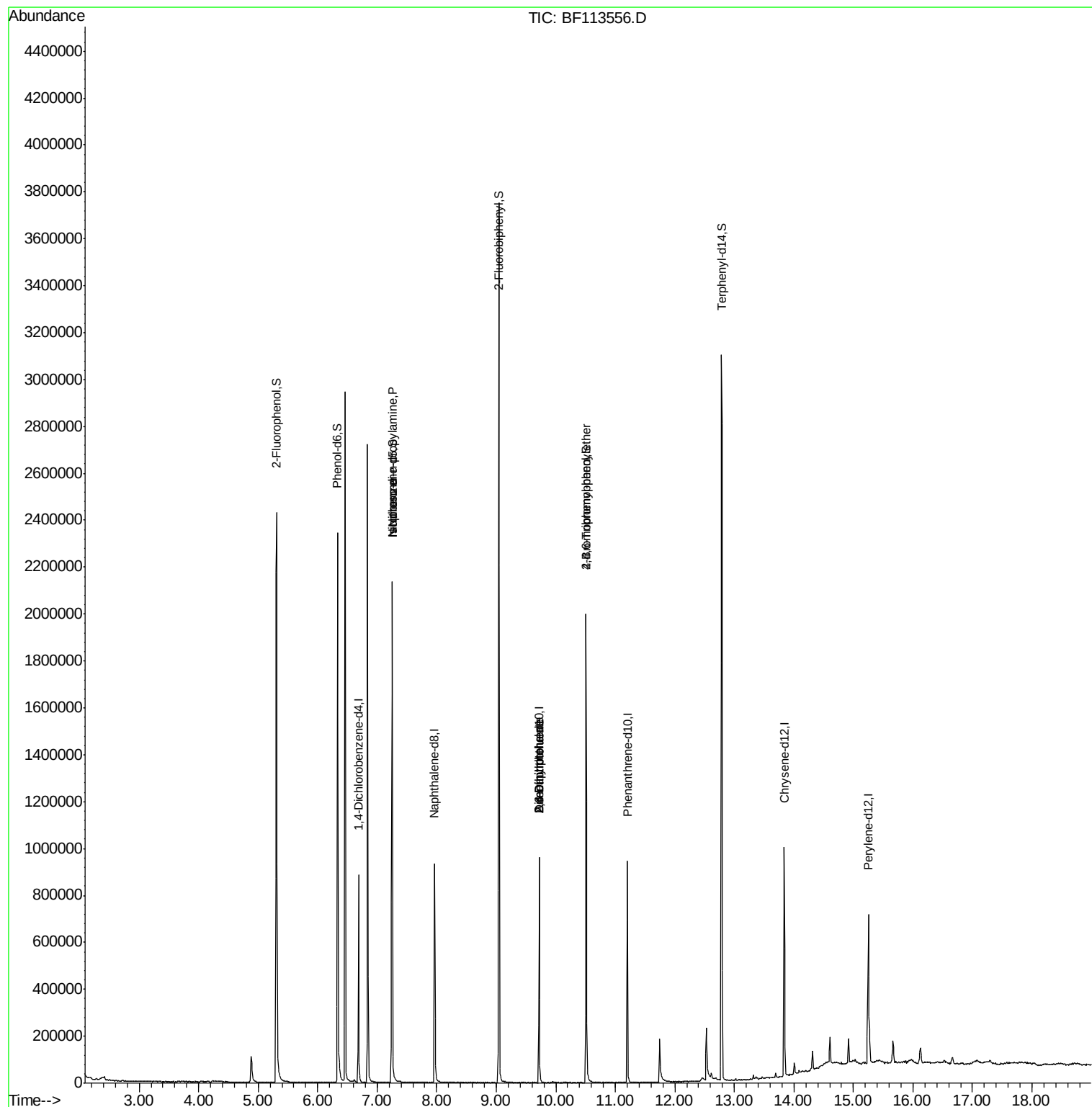
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	138545	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	478050	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	205847	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	360604	20.00	ng	0.00
76) Chrysene-d12	13.84	240	345102	20.00	ng	0.00
87) Perylene-d12	15.25	264	302785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	783058	96.38	ng	0.01
7) Phenol-d6	6.33	99	875520	87.43	ng	0.00
23) Nitrobenzene-d5	7.25	82	692882	84.90	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	272047	110.02	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1225308	95.83	ng	0.00
79) Terphenyl-d14	12.79	244	1208032	71.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	89778	14.539	ng	# 77
25) Isophorone	7.25	82	692875	44.071	ng	# 64
50) Dimethylphthalate	9.72	163	54162	3.569	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	25857	7.731	ng	# 27
57) 2,4-Dinitrotoluene	9.72	165	25857	6.392	ng	# 24
67) 4-Bromophenyl-phenylether	10.51	248	15857	3.921	ng	# 1

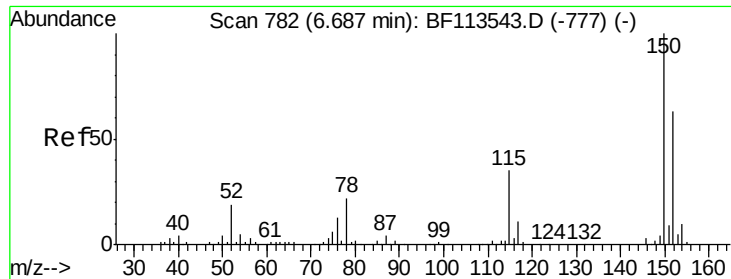
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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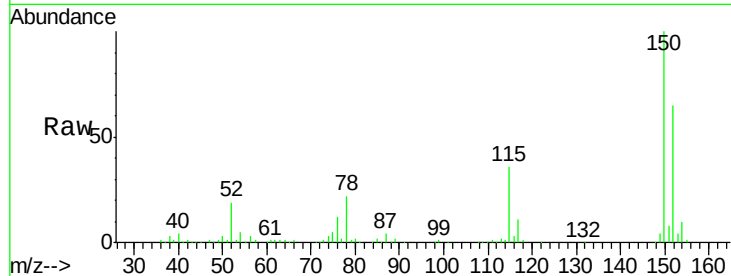


#1

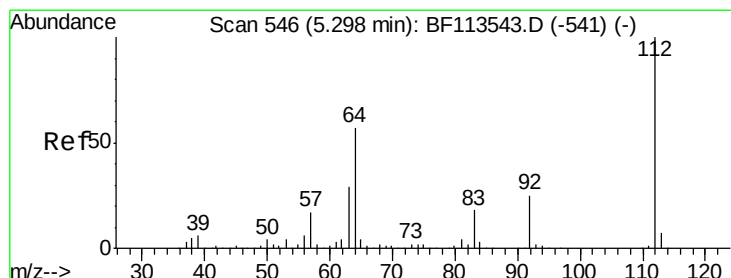
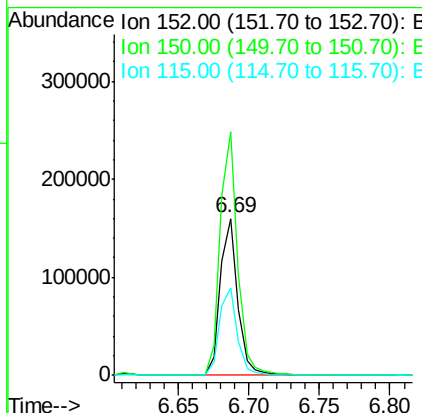
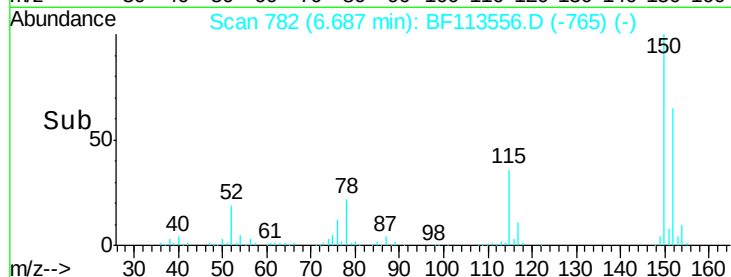
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113556.D
Acq: 3 Apr 2019 21:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138545
Ion Ratio Lower Upper
152 100
150 155.0 124.7 187.1
115 56.0 46.0 69.0



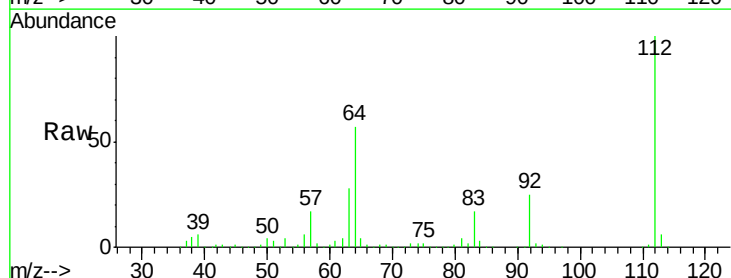
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



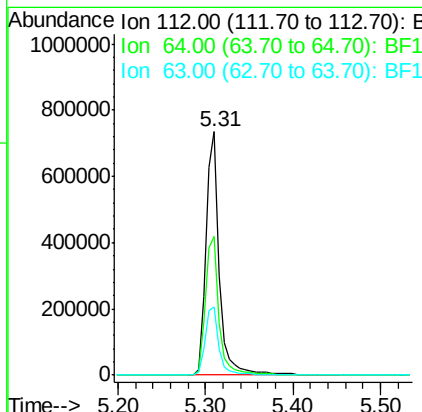
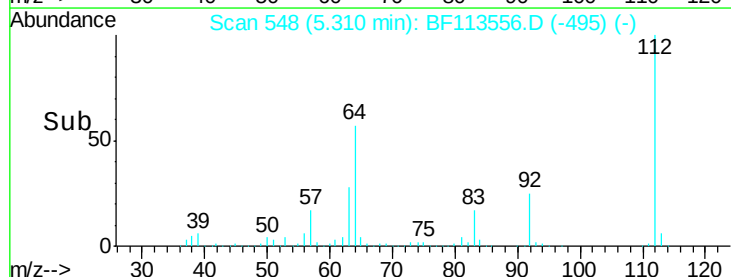
#5

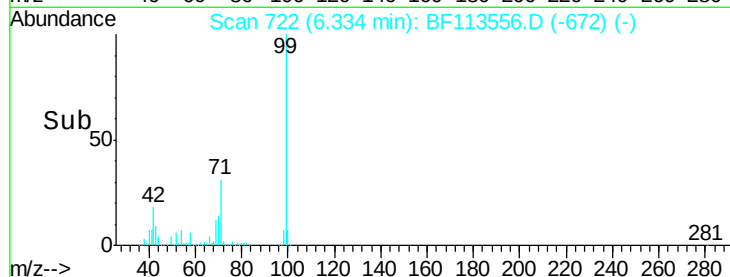
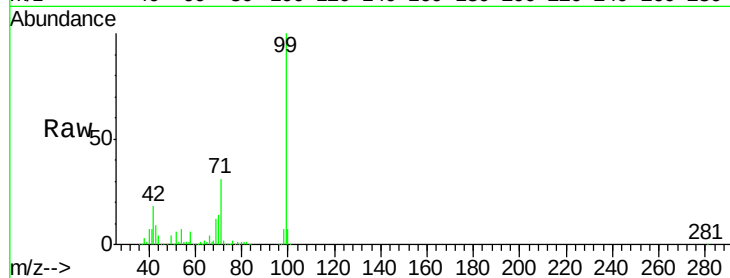
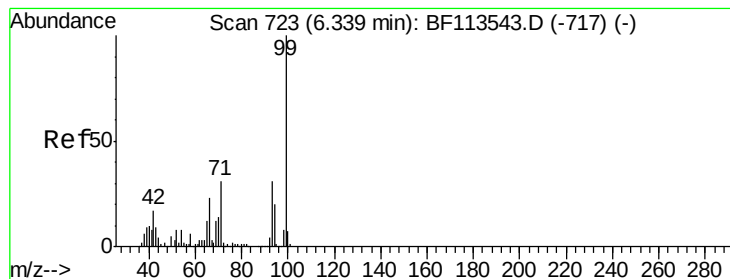
2-Fluorophenol
Concen: 96.380 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113556.D
Acq: 3 Apr 2019 21:14

Tgt Ion:112 Resp: 783058
Ion Ratio Lower Upper
112 100
64 56.9 49.2 73.8
63 28.2 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: 87.432 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

Instrument :

BNA_F

ClientSampleId :

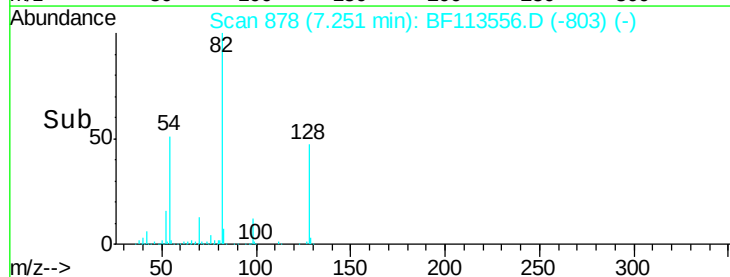
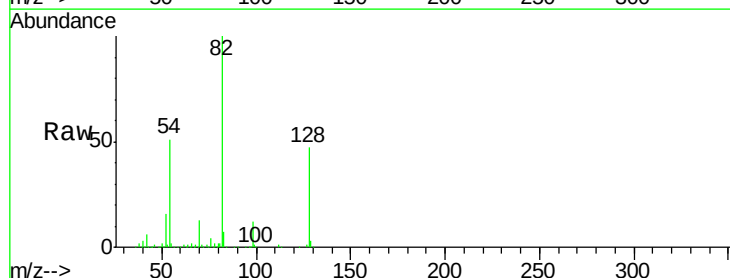
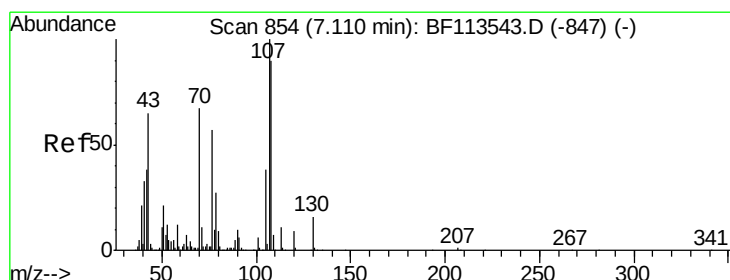
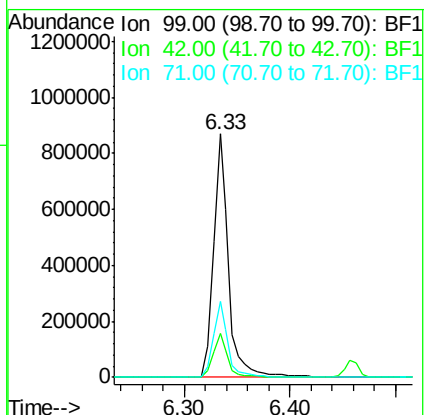
Tot Ion: 99 Resp: 875520

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

71 31.4 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.539 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.14 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

Tgt Ion: 70 Resp: 89778

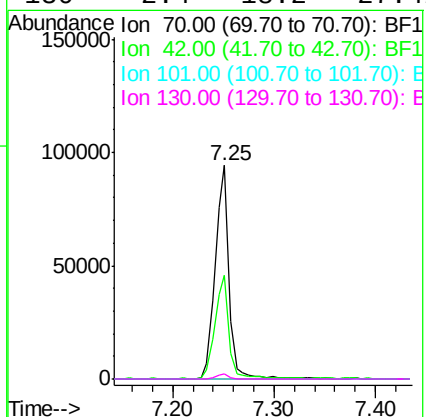
Ion Ratio Lower Upper

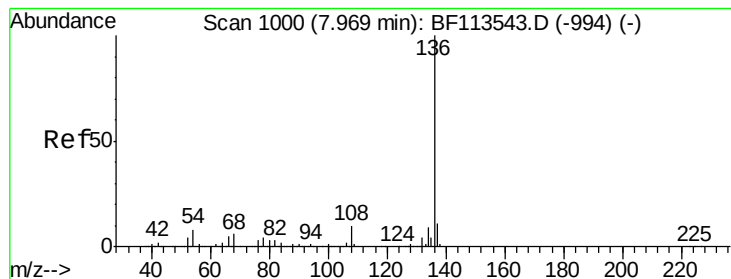
70 100

42 48.8 48.4 72.6

101 0.0 7.8 11.8#

130 2.4 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: BF113556.D

Acq: 3 Apr 2019 21:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 478050

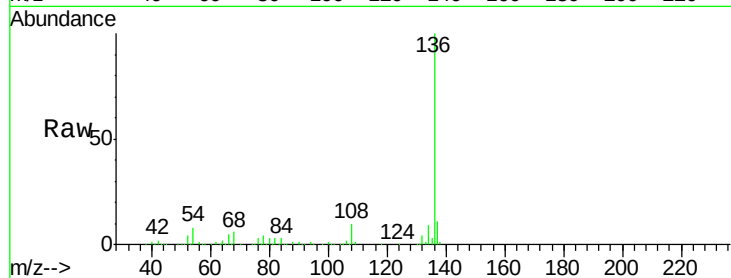
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.4 7.0 10.6

68 6.4 4.8 7.2

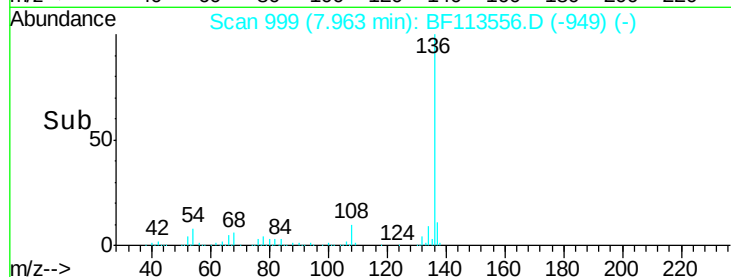


Abundance Ion 136.00 (135.70 to 136.70): E

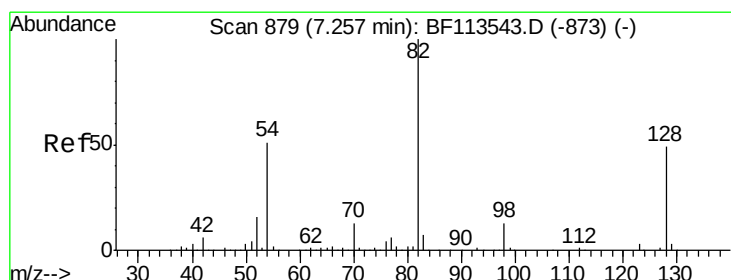
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 84.899 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

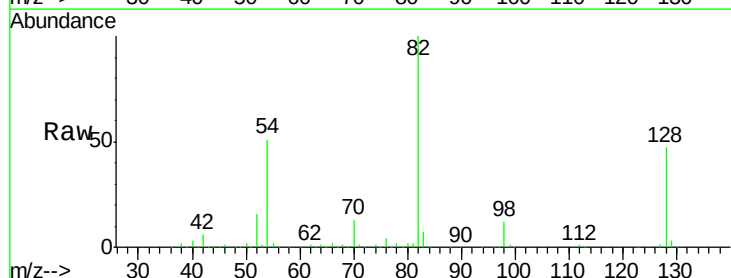
Tgt Ion: 82 Resp: 692882

Ion Ratio Lower Upper

82 100

128 47.1 36.5 54.7

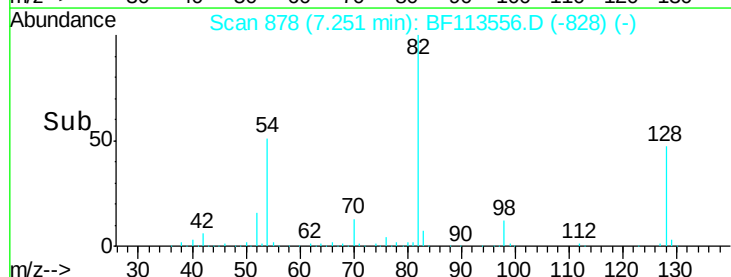
54 50.9 42.2 63.2



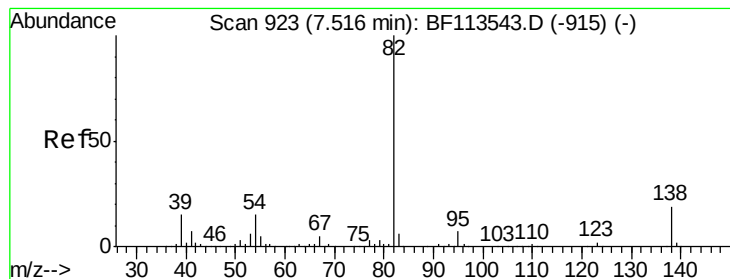
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#25

Isophorone

Concen: 44.071 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.26 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

Instrument :

BNA_F

ClientSampled :

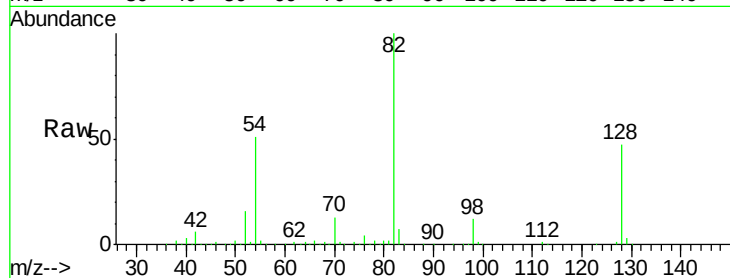
Tot Ion: 82 Resp: 692875

Ion Ratio Lower Upper

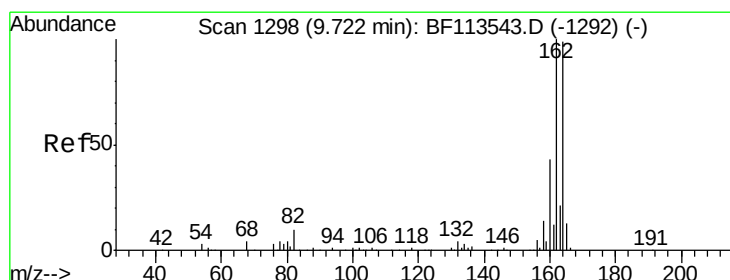
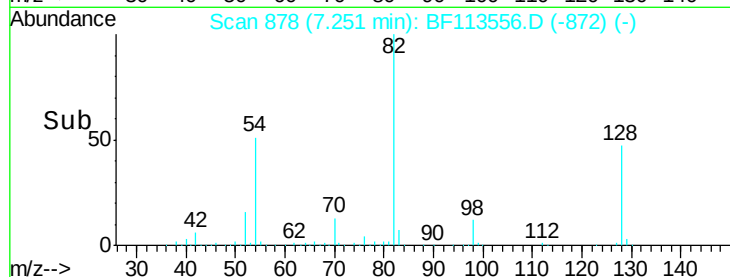
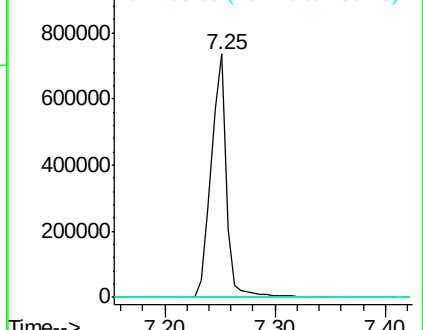
82 100

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: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

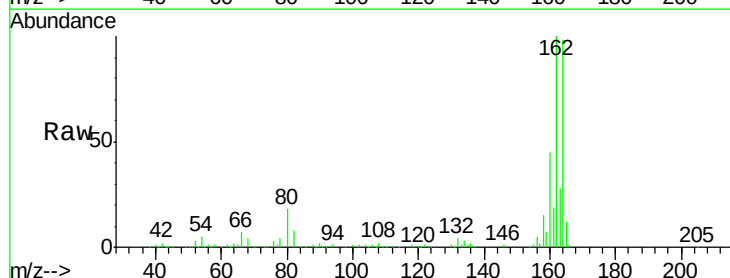
Tgt Ion:164 Resp: 205847

Ion Ratio Lower Upper

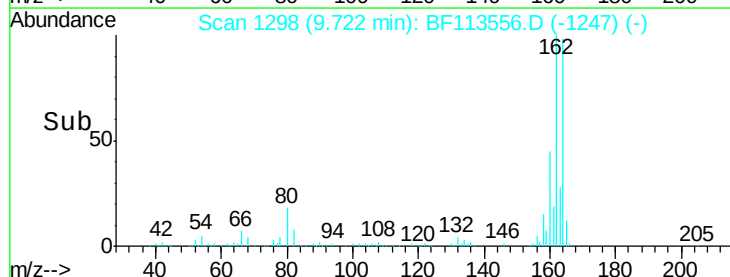
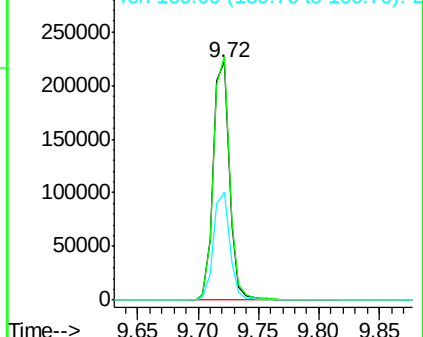
164 100

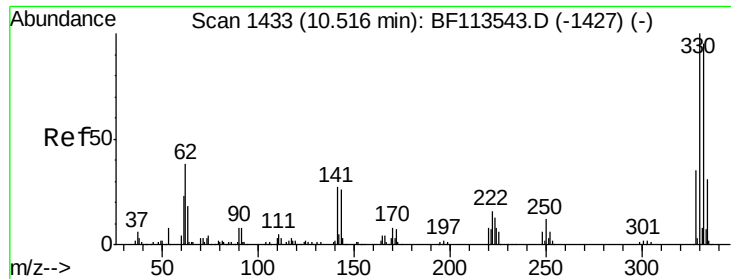
162 102.3 81.8 122.6

160 45.5 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

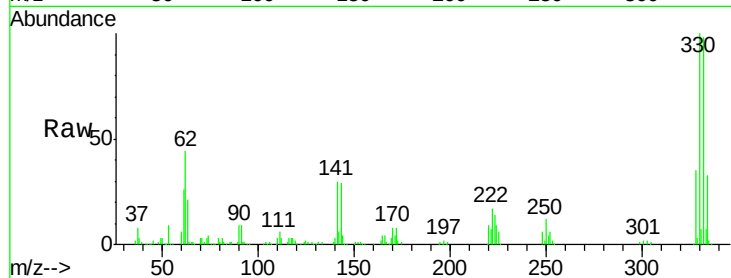




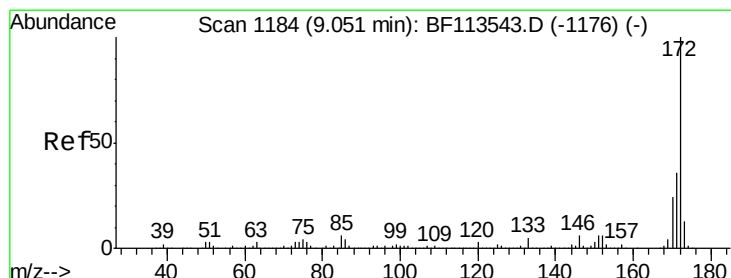
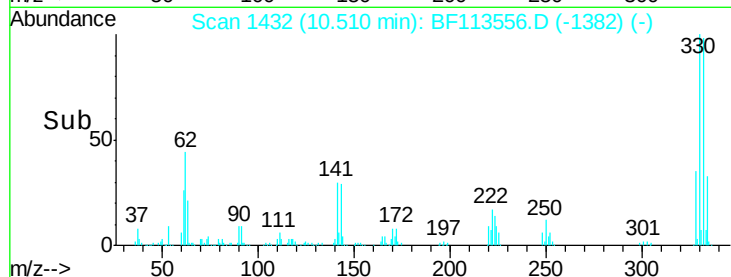
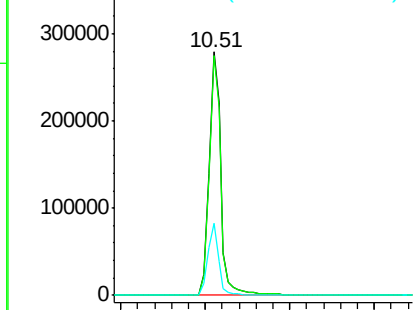
#42
 2,4,6-Tribromophenol
 Concen: 110.019 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113556.D
 Acq: 3 Apr 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 272047
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.8 116.6
 141 27.5 22.7 34.1

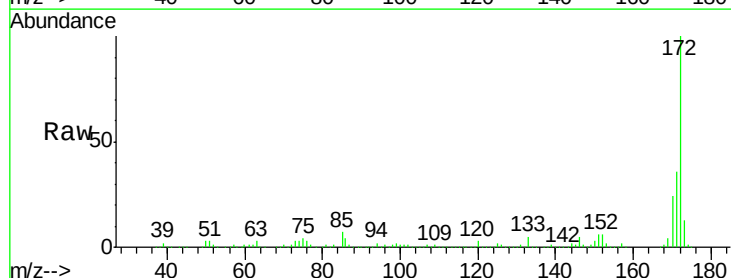


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

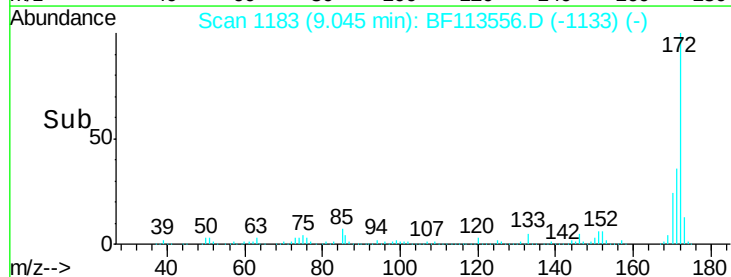
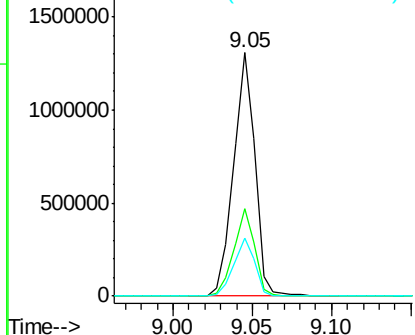


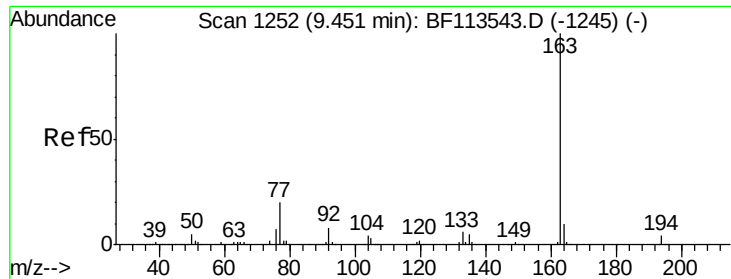
#45
 2-Fluorobiphenyl
 Concen: 95.829 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113556.D
 Acq: 3 Apr 2019 21:14

Tgt Ion:172 Resp: 1225308
 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

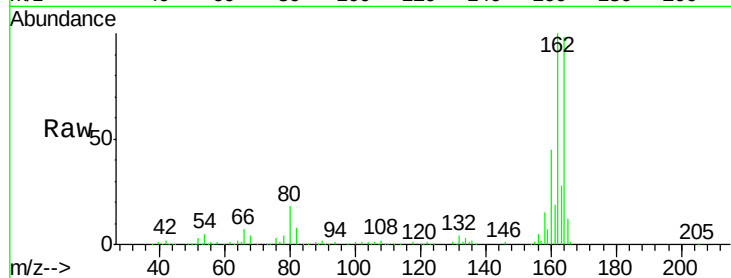




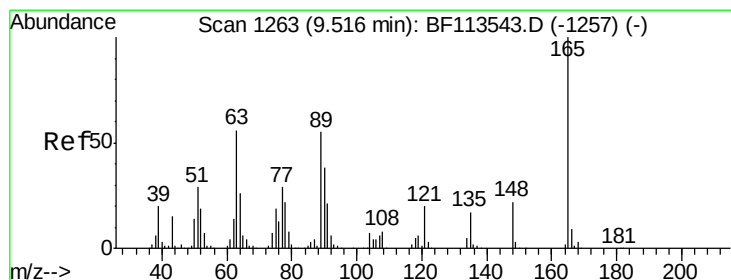
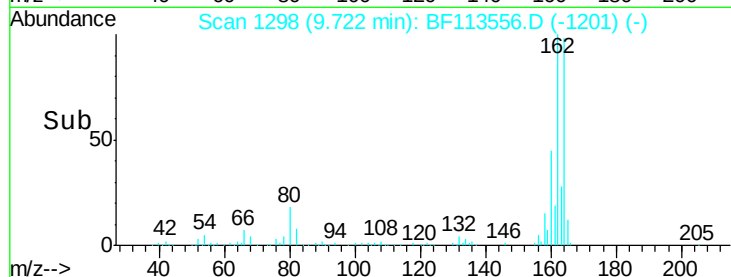
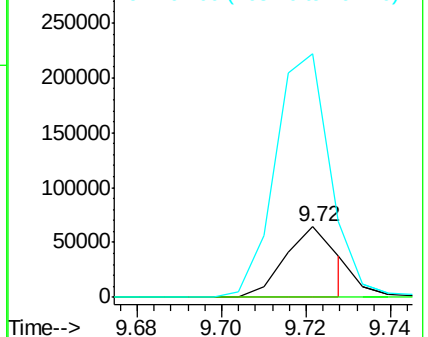
#50
Dimethylphthalate
Concen: 3.569 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.27 min
Lab File: BF113556.D
Acq: 3 Apr 2019 21:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 54162
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 344.4 8.1 12.1#

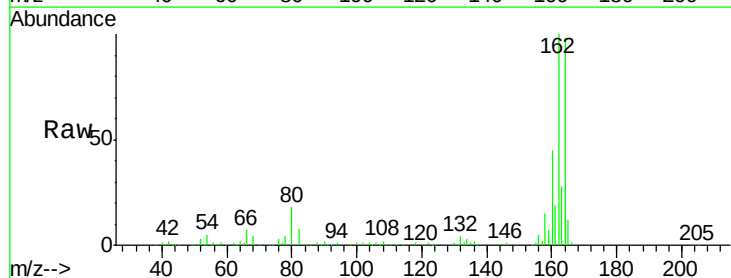


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

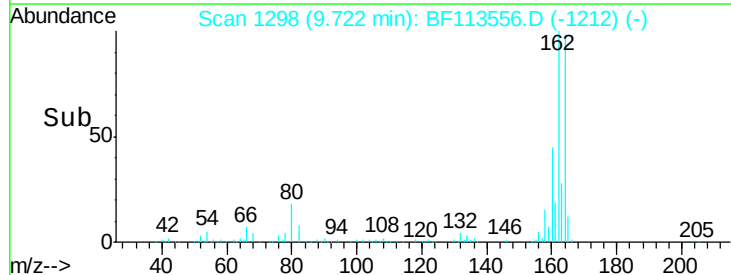
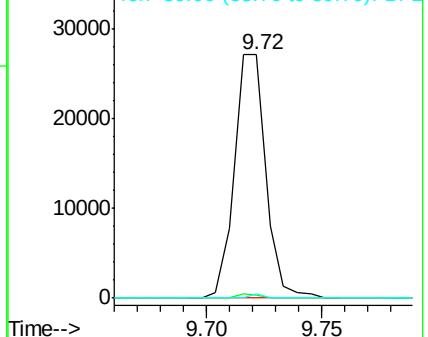


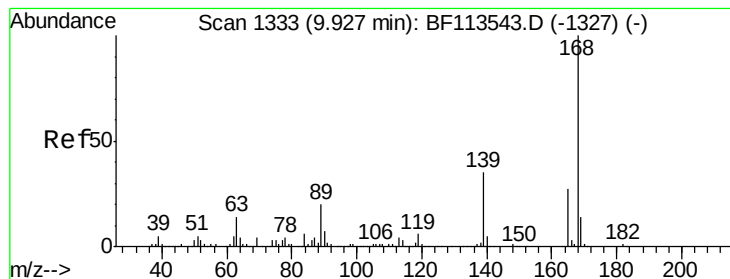
#51
2,6-Dinitrotoluene
Concen: 7.731 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.21 min
Lab File: BF113556.D
Acq: 3 Apr 2019 21:14

Tgt Ion:165 Resp: 25857
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.0#
89 1.8 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# 1298

Delta R.T. -0.21 min

Lab File: BF113556.D

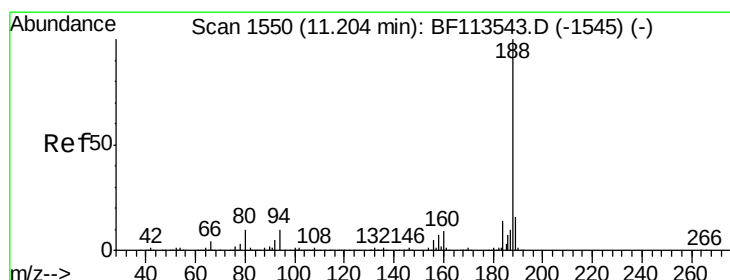
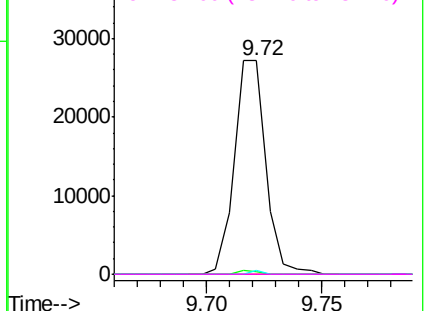
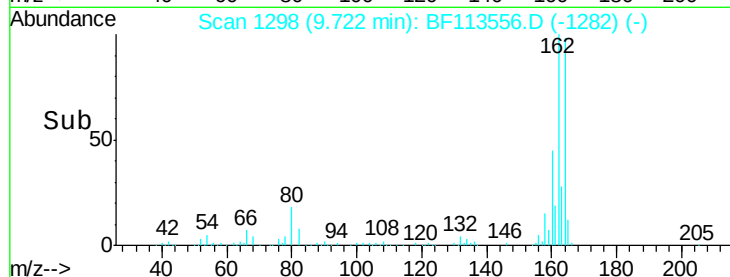
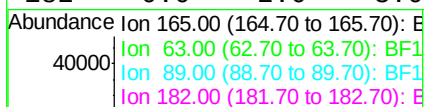
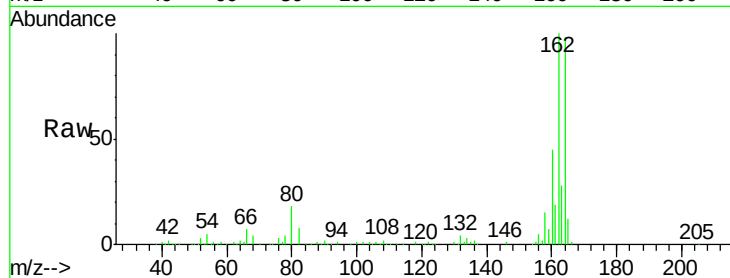
Acq: 3 Apr 2019 21:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	165	Resp:	25857
Ion	Ratio	Lower	Upper
165	100		
63	1.4	37.5	56.3#
89	1.8	57.4	86.2#
182	0.0	2.0	3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

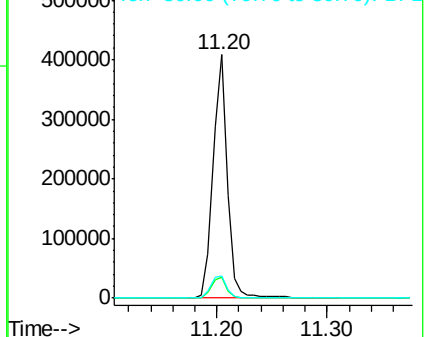
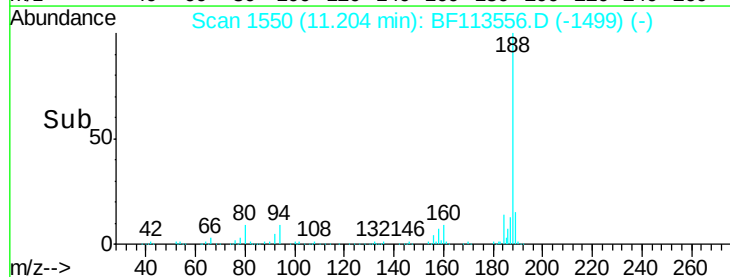
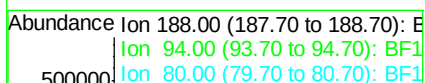
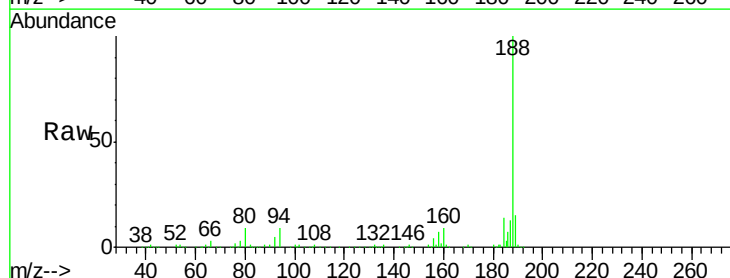
RT: 11.20 min Scan# 1550

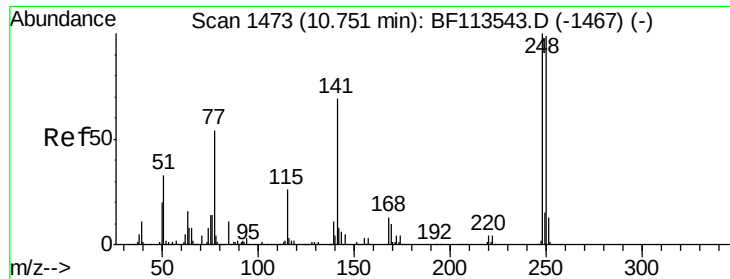
Delta R.T. 0.00 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

Tgt Ion:	188	Resp:	360604
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	8.9	7.7	11.5

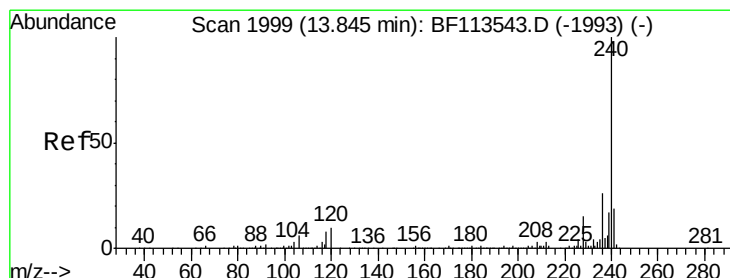
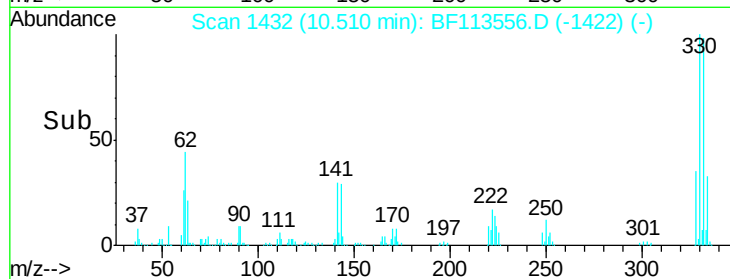
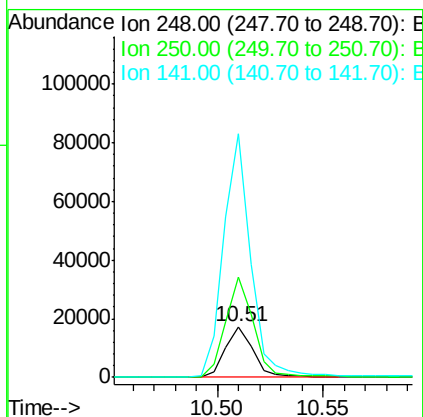
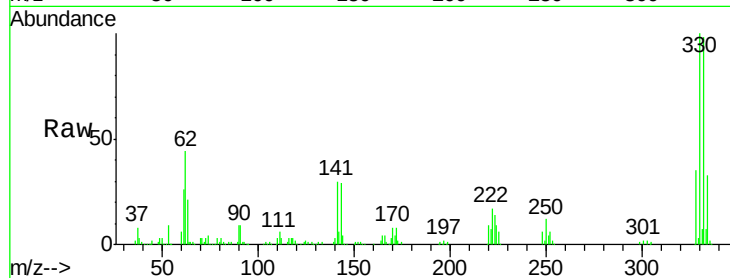




#67
 4-Bromophenyl-phenylether
 Concen: 3.921 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.24 min
 Lab File: BF113556.D
 Acq: 3 Apr 2019 21:14

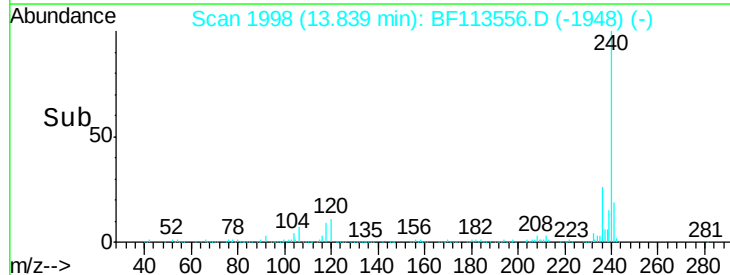
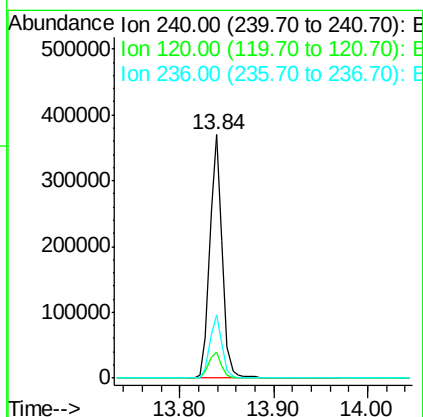
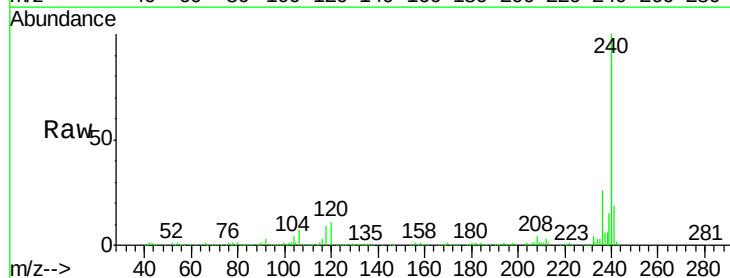
Instrument :
 BNA_F
 ClientSampled :

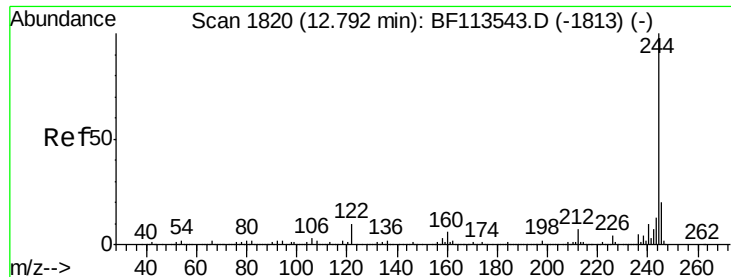
Tot Ion:248 Resp: 15857
 Ion Ratio Lower Upper
 248 100
 250 199.0 78.3 117.5#
 141 480.7 56.2 84.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113556.D
 Acq: 3 Apr 2019 21:14

Tgt Ion:240 Resp: 345102
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.8 13.2
 236 25.9 20.9 31.3

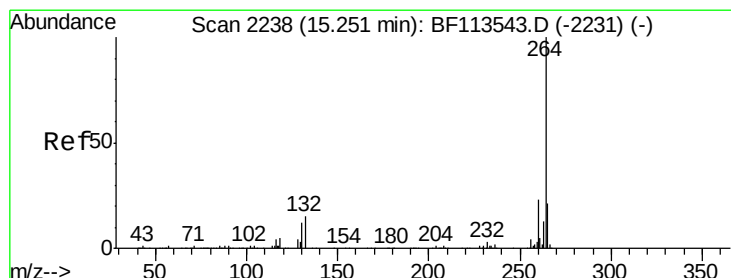
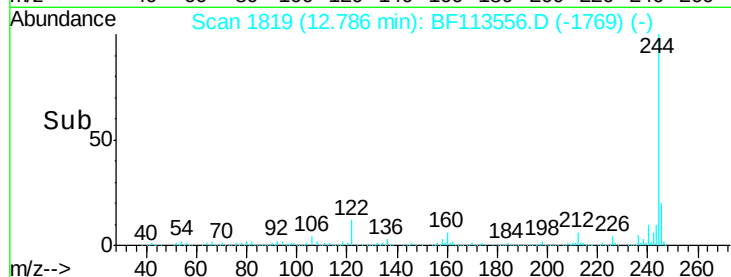
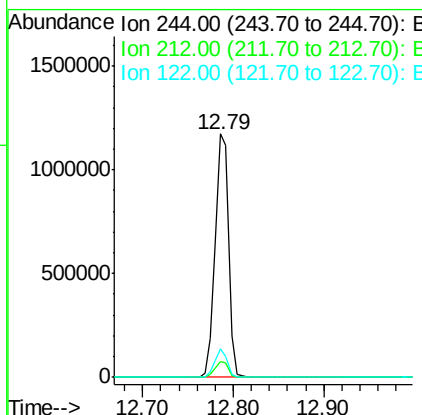
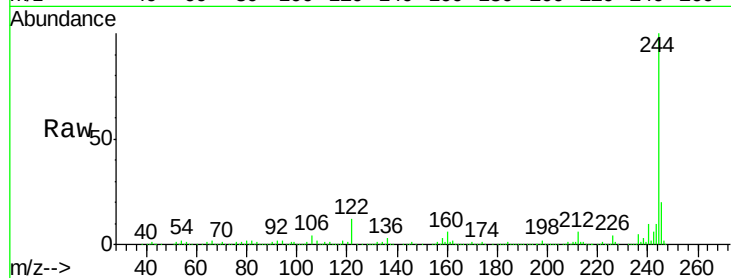




#79
 Terphenyl-d14
 Concen: 71.271 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113556.D
 Acq: 3 Apr 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1208032
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 11.6 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BF113556.D
 Acq: 3 Apr 2019 21:14

Tgt Ion:264 Resp: 302785
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.4 17.1 25.7

