

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113632.D
 Acq On : 5 Apr 2019 23:17
 Operator : JU/SJ
 Sample : K2258-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:05:58 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

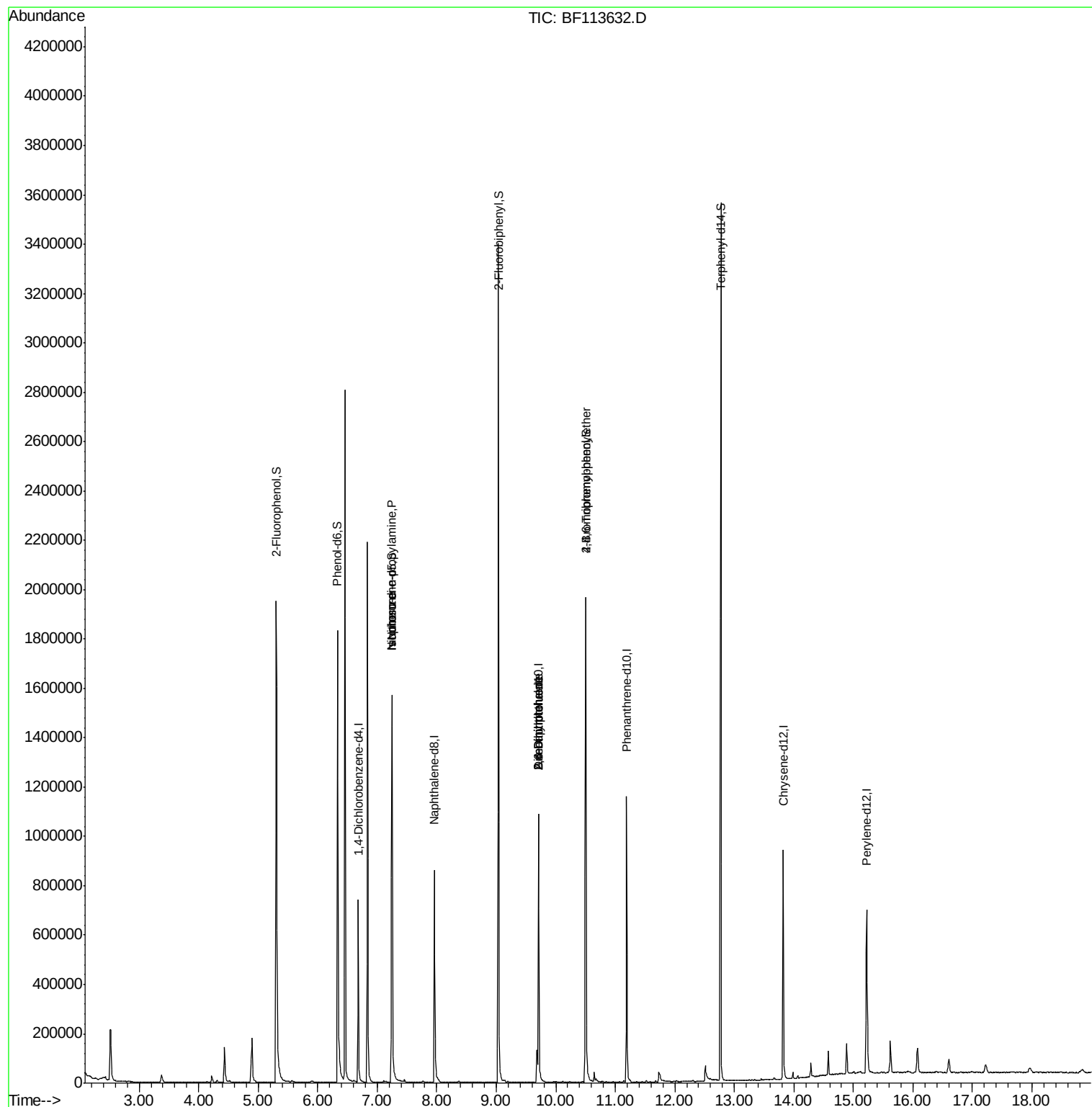
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	114888	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	438294	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	217369	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	454920	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	364634	20.00	ng	-0.02
87) Perylene-d12	15.22	264	315785	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	696655	103.40	ng	0.00
7) Phenol-d6	6.33	99	803754	96.79	ng	0.00
23) Nitrobenzene-d5	7.25	82	616431	82.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	324437	124.25	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1147748	85.01	ng	-0.01
79) Terphenyl-d14	12.77	244	1401679	78.27	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	79424	15.511	ng	# 77
25) Isophorone	7.25	82	616428	42.765	ng	# 64
50) Dimethylphthalate	9.71	163	50151	3.130	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	27088	7.669	ng	# 25
57) 2,4-Dinitrotoluene	9.71	165	27088	6.341	ng	# 22
67) 4-Bromophenyl-phenylether	10.50	248	18238	3.575	ng	# 1

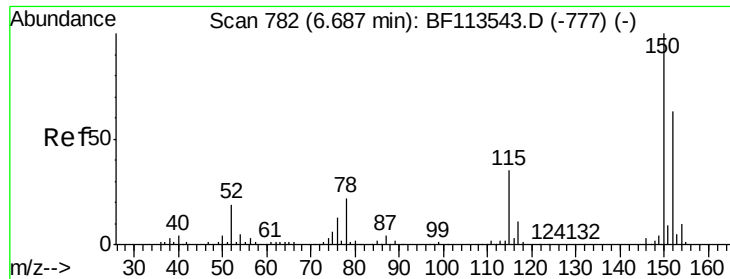
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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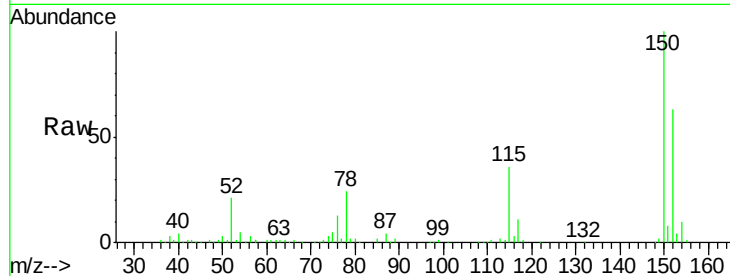


#1

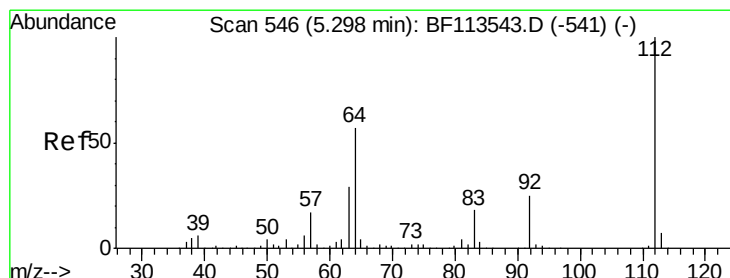
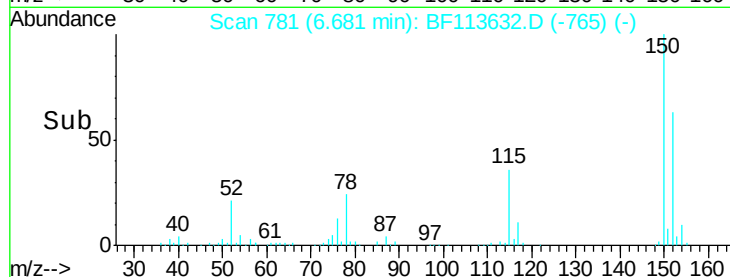
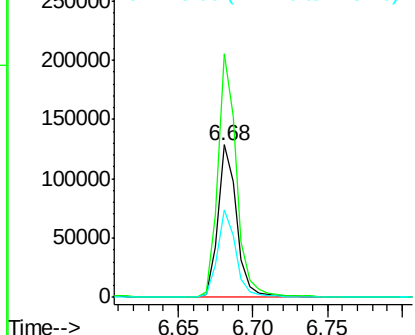
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113632.D
Acq: 5 Apr 2019 23:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114888
Ion Ratio Lower Upper
152 100
150 159.8 124.7 187.1
115 57.7 46.0 69.0



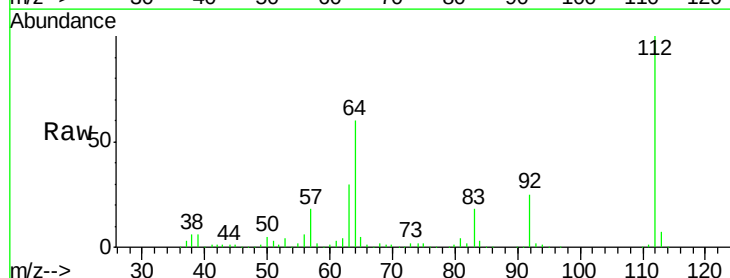
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



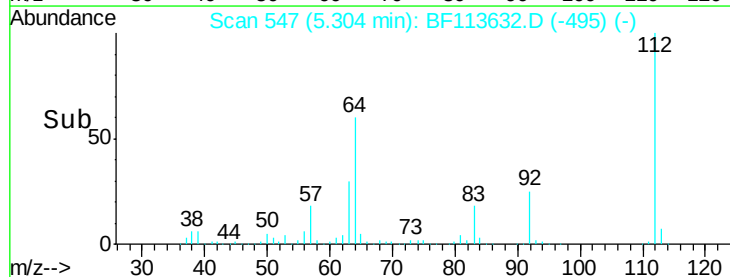
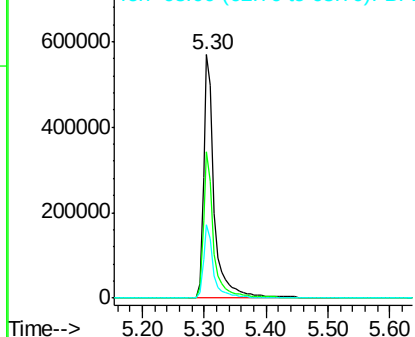
#5

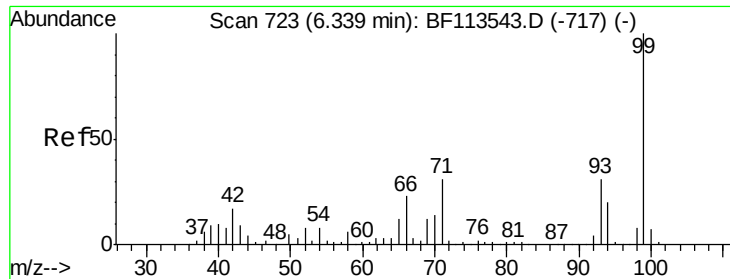
2-Fluorophenol
Concen: 103.401 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113632.D
Acq: 5 Apr 2019 23:17

Tgt Ion:112 Resp: 696655
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 30.2 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: 96.793 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113632.D

Acq: 5 Apr 2019 23:17

Instrument :

BNA_F

ClientSampled :

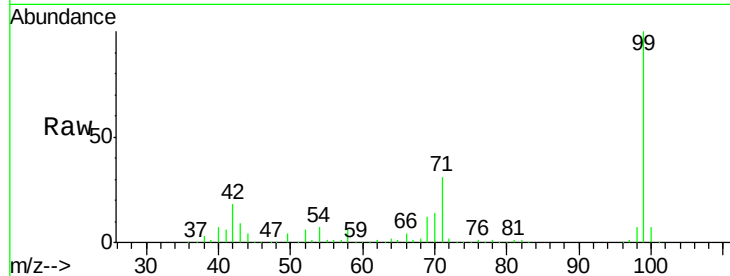
Tot Ion: 99 Resp: 803754

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

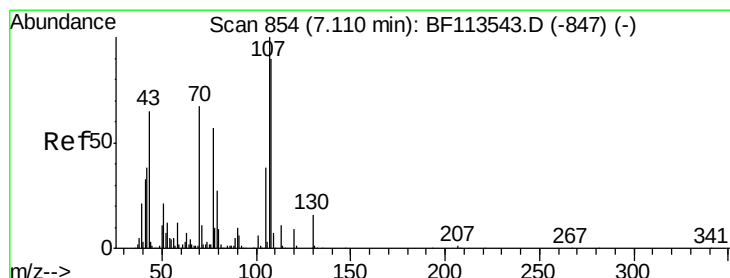
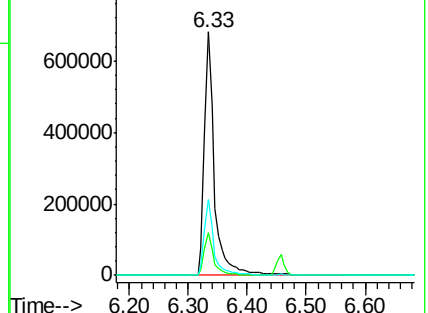
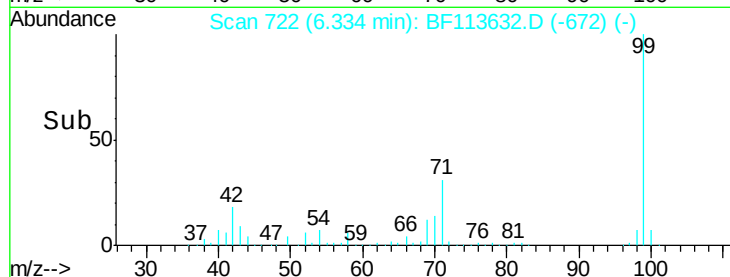
71 31.2 24.9 37.3



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: 15.511 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113632.D

Acq: 5 Apr 2019 23:17

Tgt Ion: 70 Resp: 79424

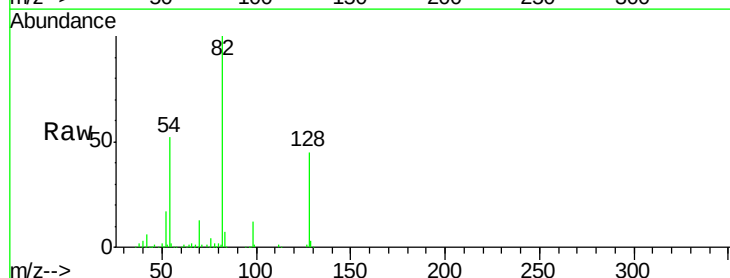
Ion Ratio Lower Upper

70 100

42 49.4 48.4 72.6

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

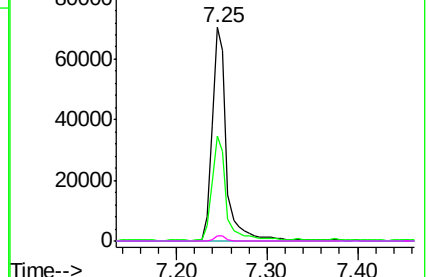
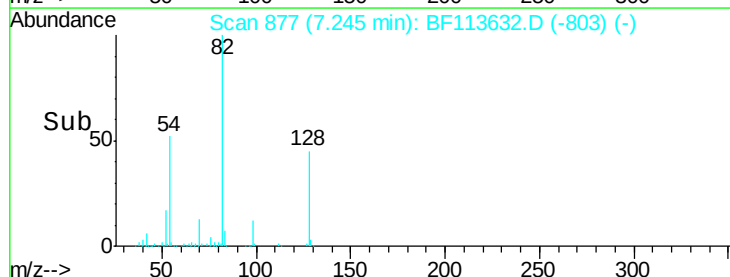


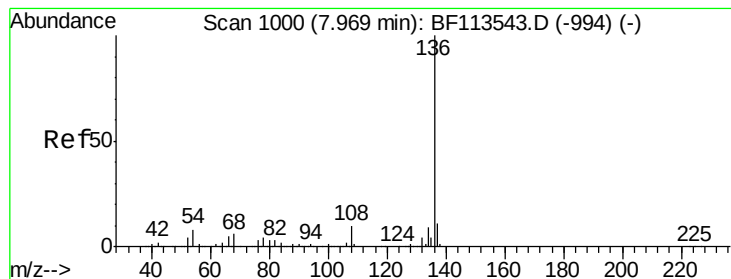
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113632.D

Acq: 5 Apr 2019 23:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 438294

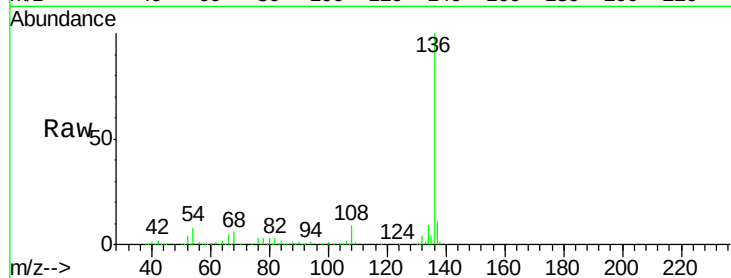
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.0 7.0 10.6

68 6.1 4.8 7.2

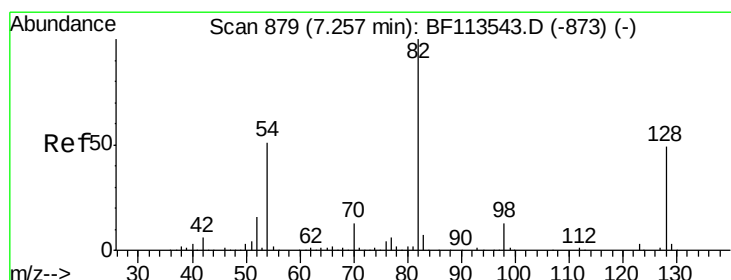
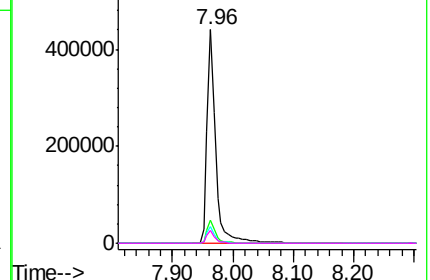
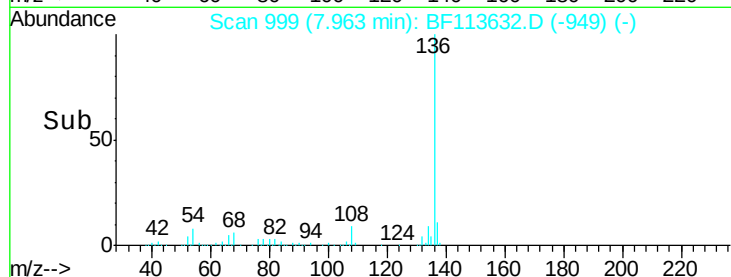


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.382 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113632.D

Acq: 5 Apr 2019 23:17

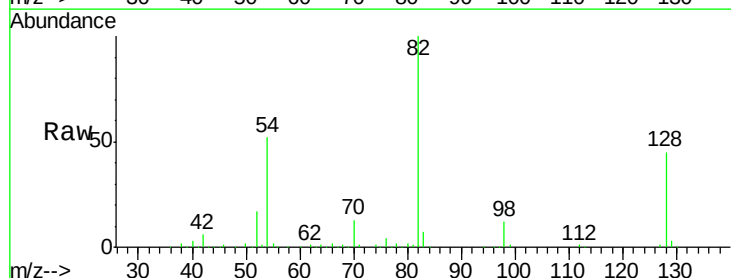
Tgt Ion: 82 Resp: 616431

Ion Ratio Lower Upper

82 100

128 45.1 36.5 54.7

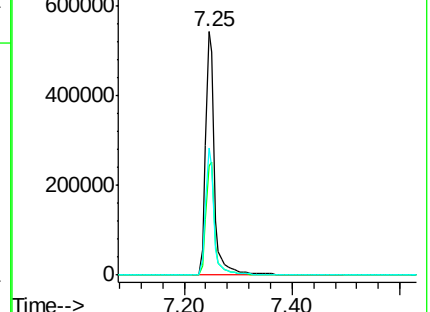
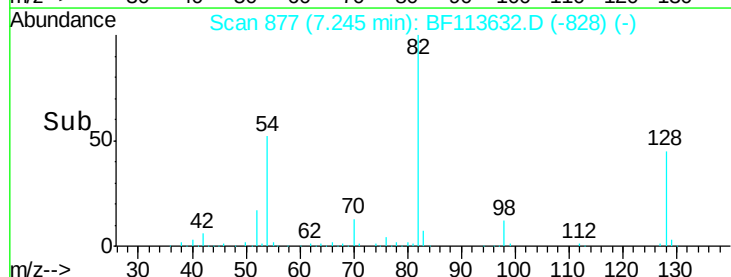
54 52.3 42.2 63.2

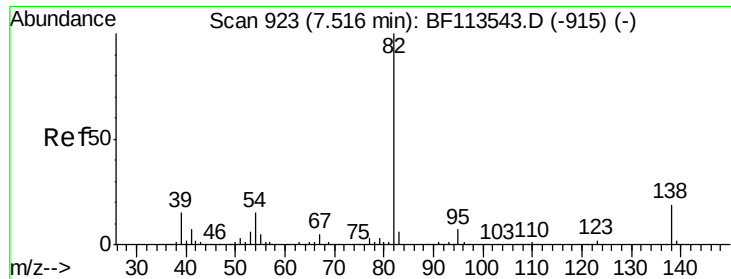


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.765 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113632.D

Acq: 5 Apr 2019 23:17

Instrument :

BNA_F

ClientSampleId :

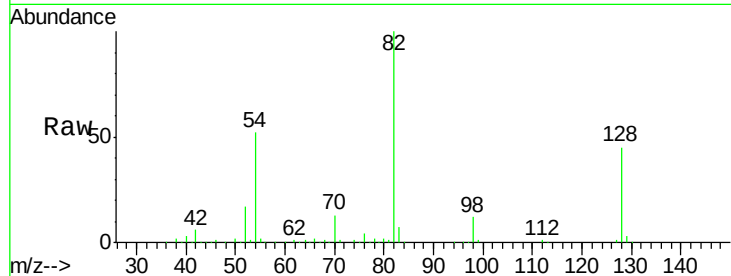
Tot Ion: 82 Resp: 616428

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

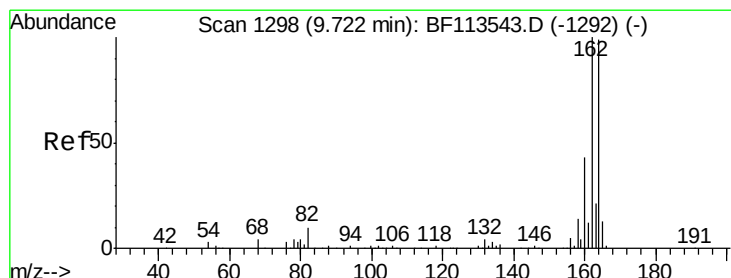
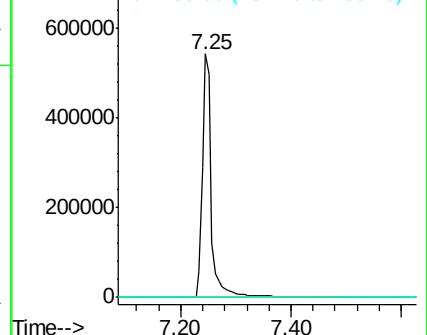
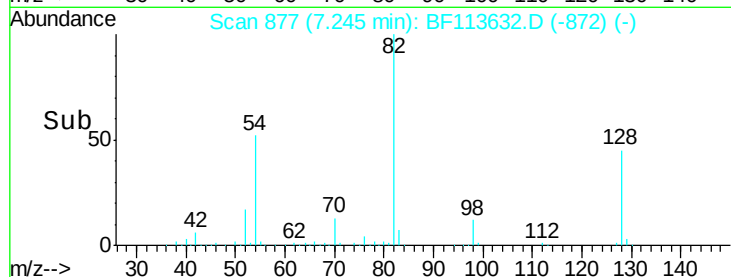
138 0.0 15.2 22.8#



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113632.D

Acq: 5 Apr 2019 23:17

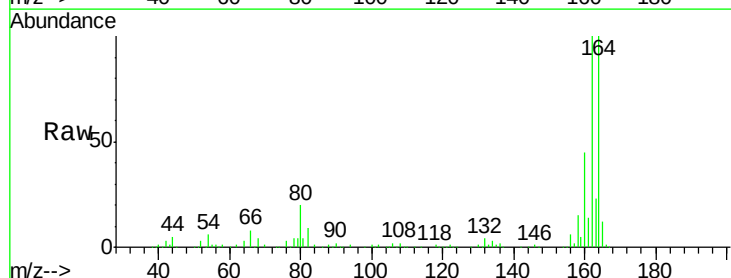
Tgt Ion:164 Resp: 217369

Ion Ratio Lower Upper

164 100

162 100.3 81.8 122.6

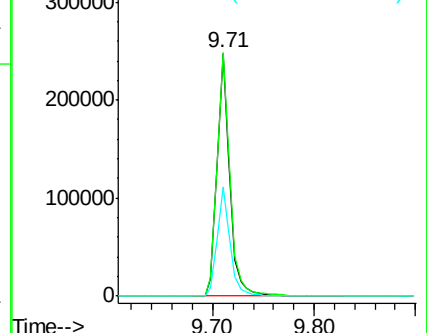
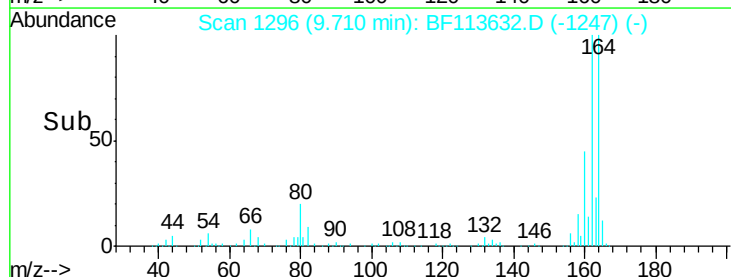
160 44.9 36.4 54.6

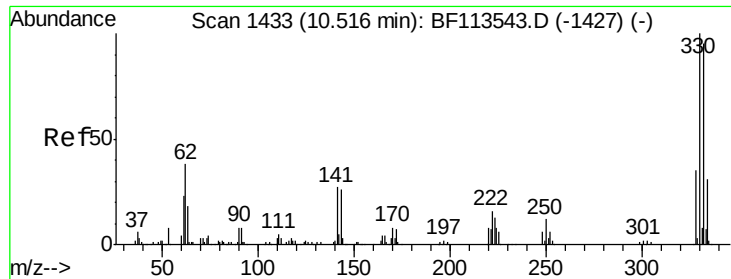


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

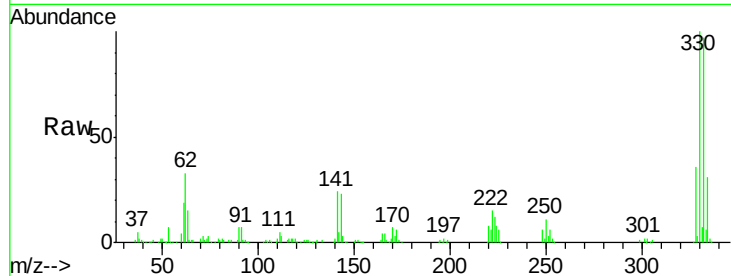




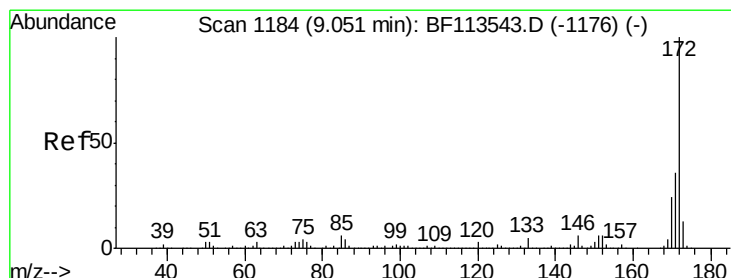
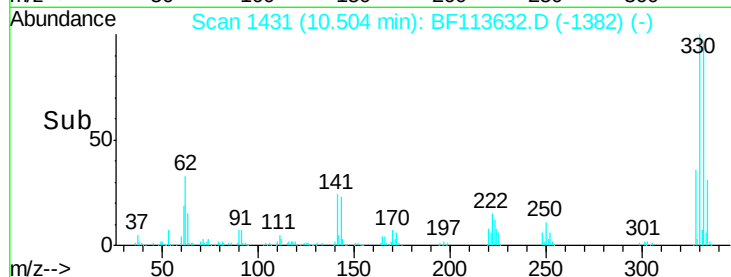
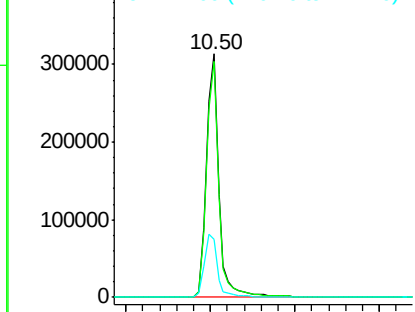
#42
 2,4,6-Tribromophenol
 Concen: 124.252 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113632.D
 Acq: 5 Apr 2019 23:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	27.4	22.7	34.1

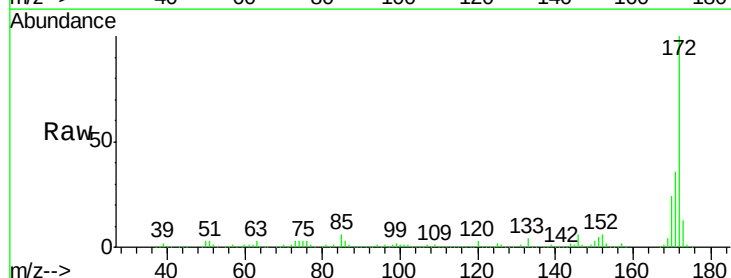


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

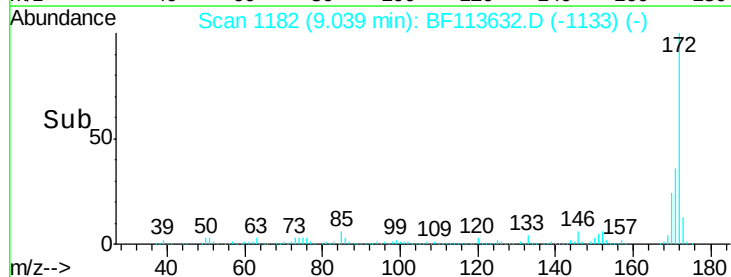
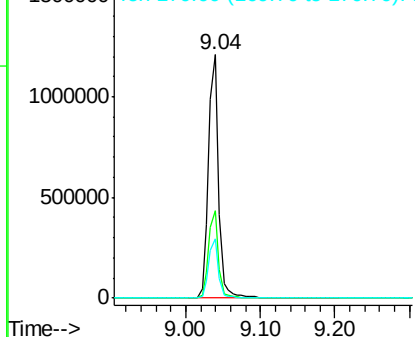


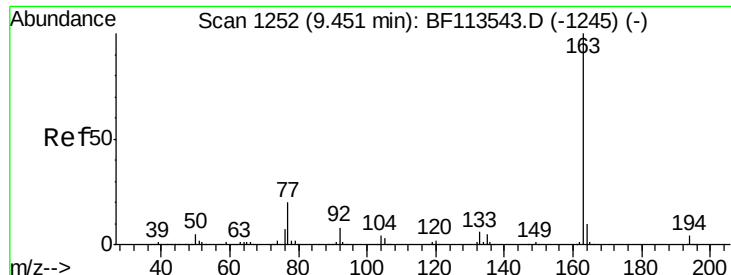
#45
 2-Fluorobiphenyl
 Concen: 85.005 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113632.D
 Acq: 5 Apr 2019 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.4	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

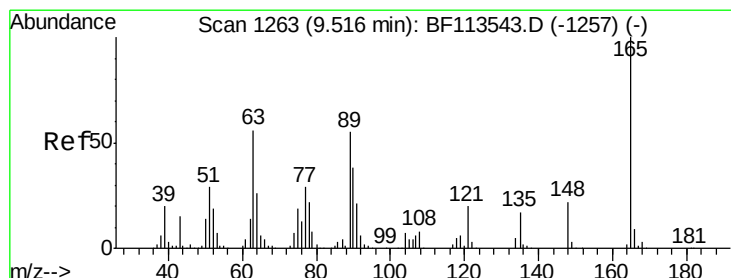
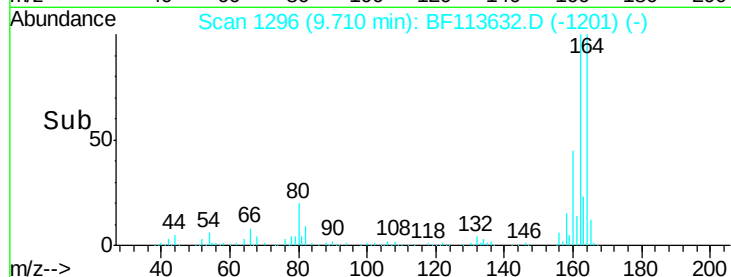
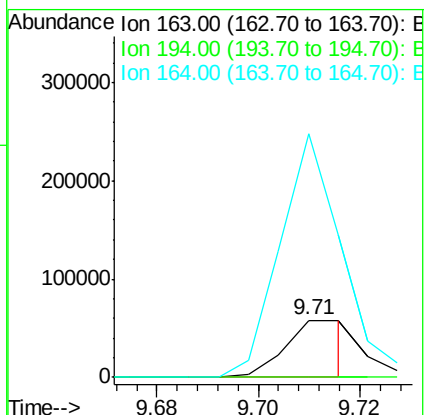
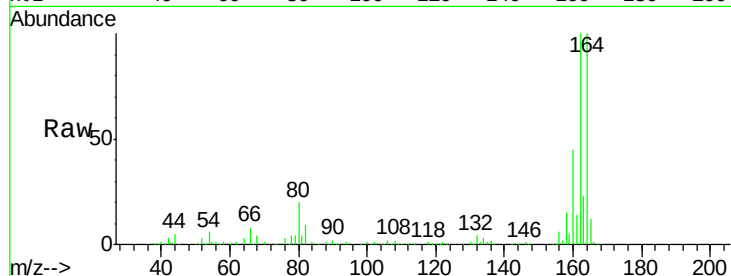




#50
Dimethylphthalate
Concen: 3.130 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.26 min
Lab File: BF113632.D
Acq: 5 Apr 2019 23:17

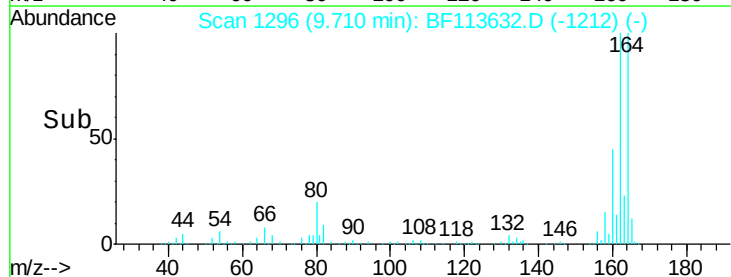
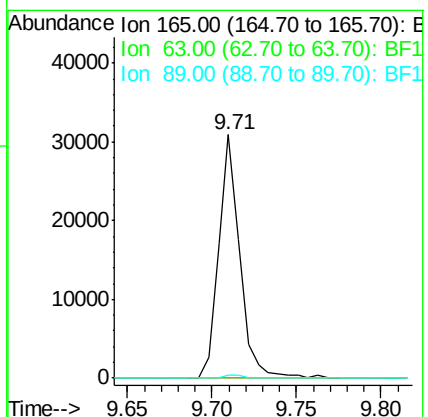
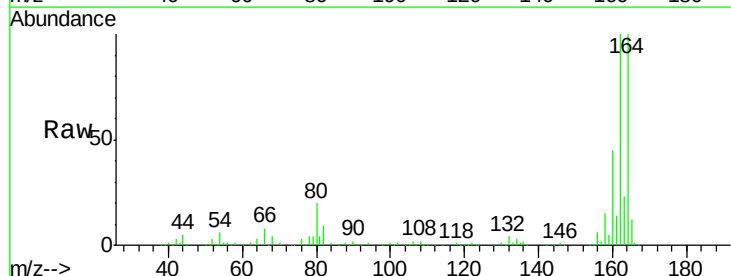
Instrument :
BNA_F
ClientSampleId :

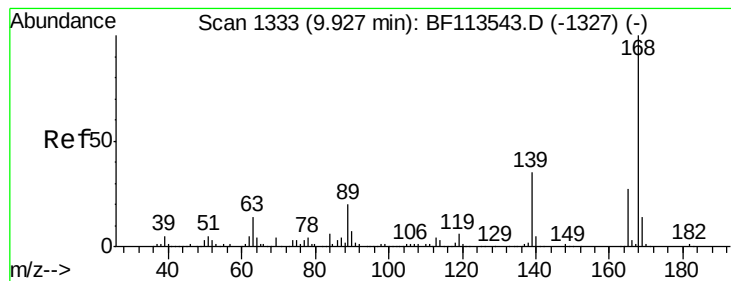
Tot Ion:163 Resp: 50151
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 424.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.669 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF113632.D
Acq: 5 Apr 2019 23:17

Tgt Ion:165 Resp: 27088
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 1.3 43.1 64.7#

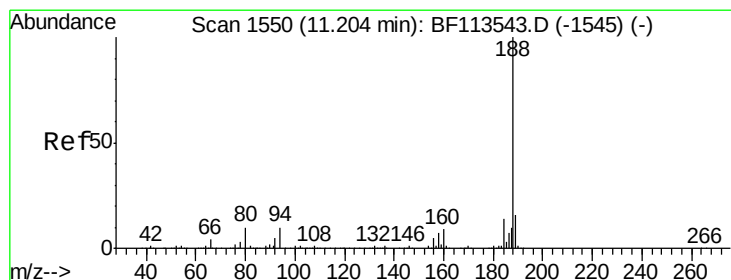
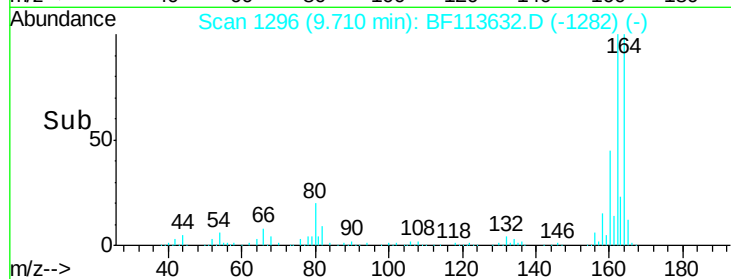
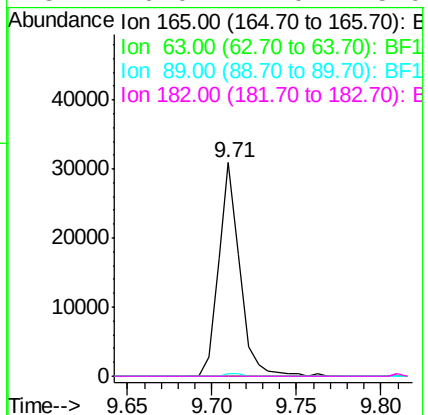
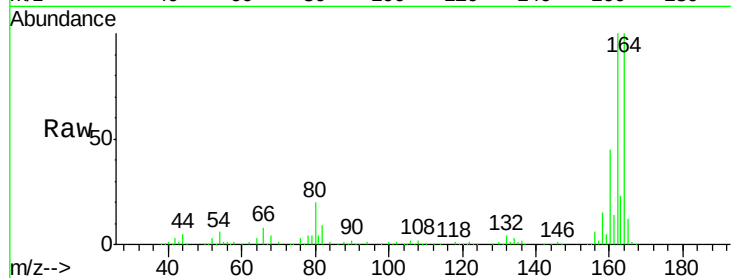




#57
 2,4-Dinitrotoluene
 Concen: 6.341 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113632.D
 Acq: 5 Apr 2019 23:17

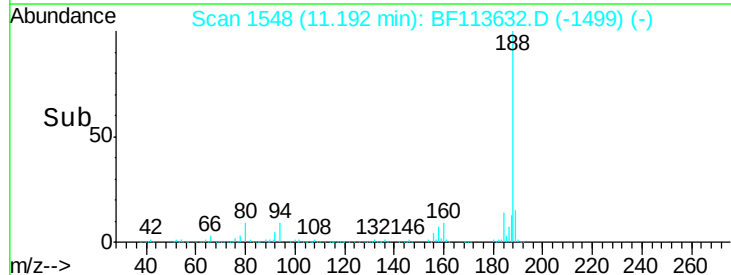
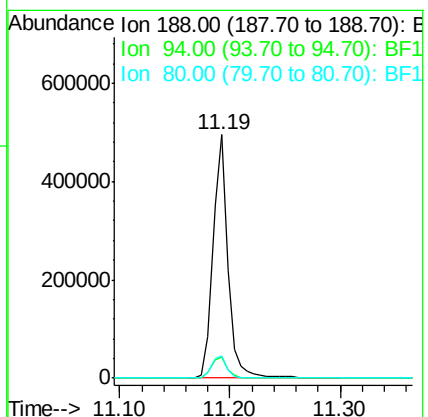
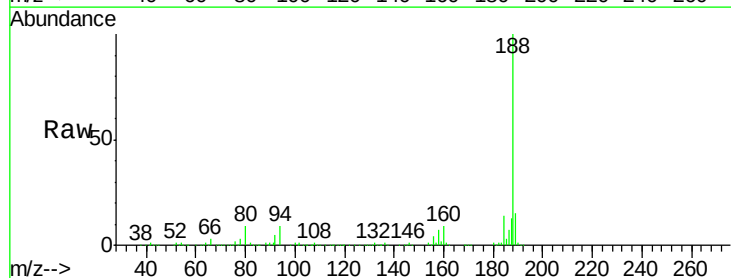
Instrument :
 BNA_F
 ClientSampleId :

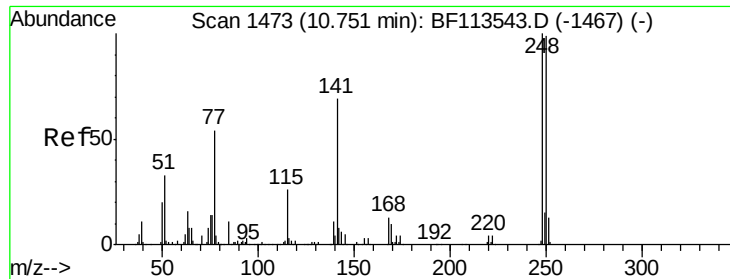
Tot Ion:165 Resp: 27088
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.5 56.3#
 89 1.3 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113632.D
 Acq: 5 Apr 2019 23:17

Tgt Ion:188 Resp: 454920
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.0 10.6
 80 9.0 7.7 11.5

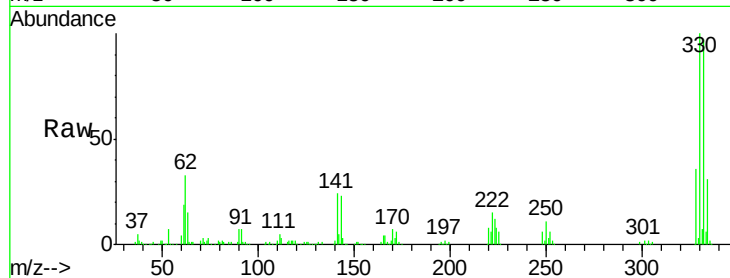




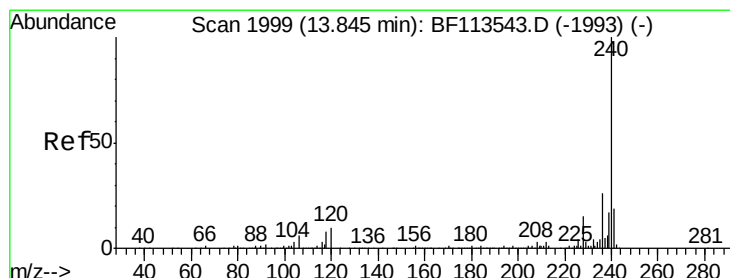
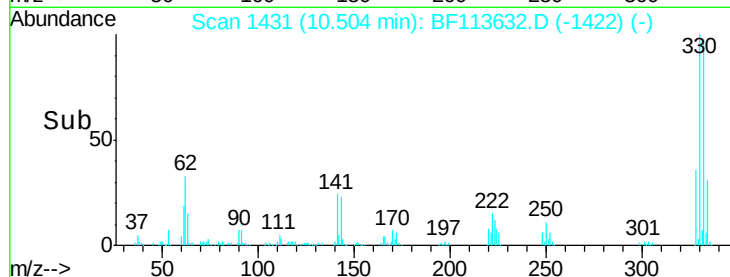
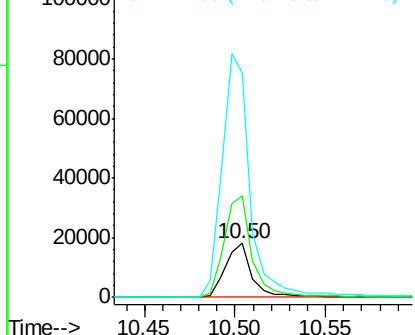
#67
 4-Bromophenyl-phenylether
 Concen: 3.575 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF113632.D
 Acq: 5 Apr 2019 23:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 18238
 Ion Ratio Lower Upper
 248 100
 250 188.9 78.3 117.5#
 141 416.8 56.2 84.4#

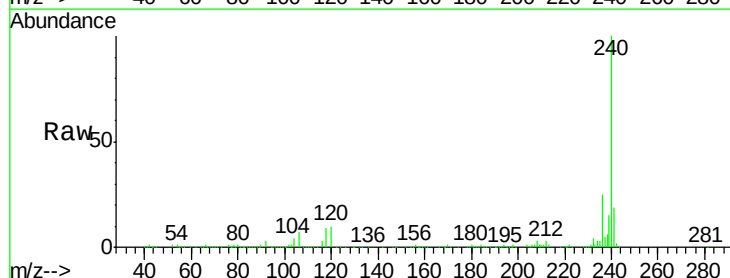


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

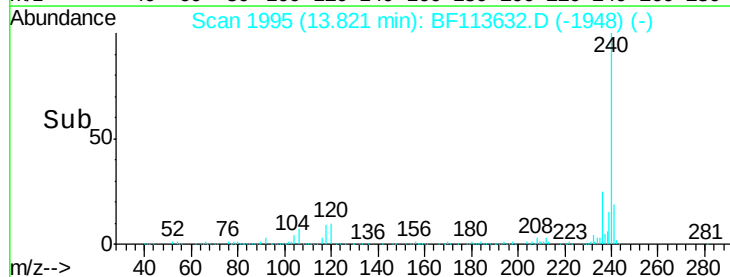
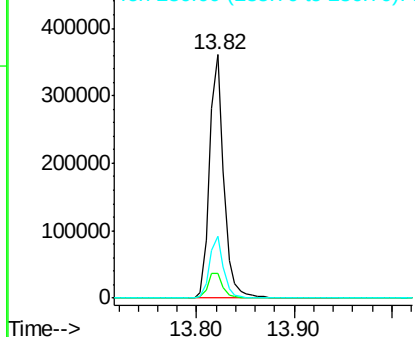


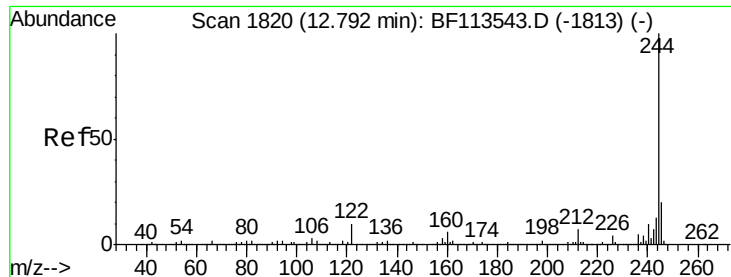
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF113632.D
 Acq: 5 Apr 2019 23:17

Tgt Ion:240 Resp: 364634
 Ion Ratio Lower Upper
 240 100
 120 10.4 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

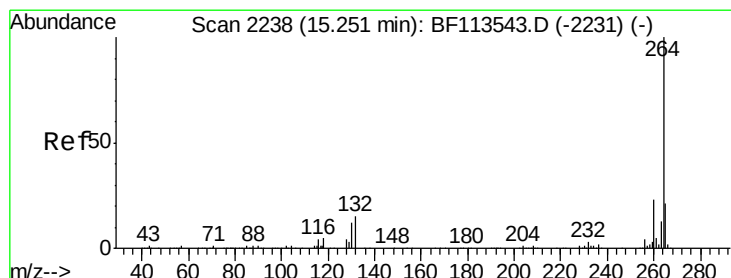
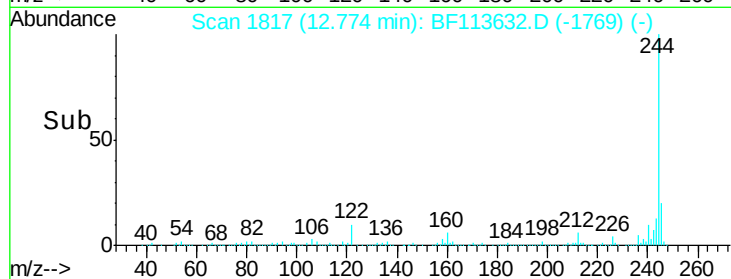
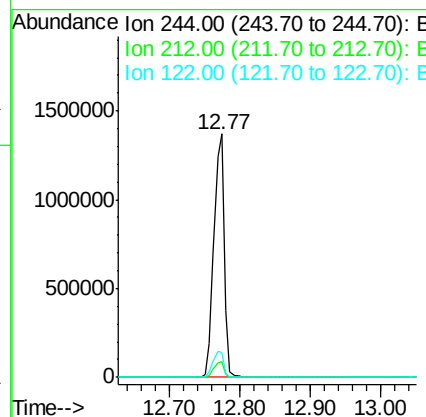
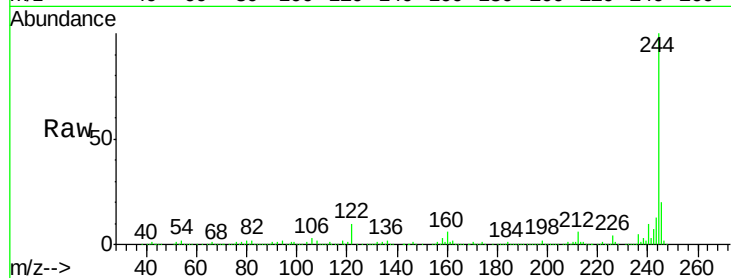




#79
 Terphenyl-d14
 Concen: 78.266 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113632.D
 Acq: 5 Apr 2019 23:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1401679
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 10.1 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.03 min
 Lab File: BF113632.D
 Acq: 5 Apr 2019 23:17

Tgt Ion:264 Resp: 315785
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.4 17.1 25.7

