

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113596.D
 Acq On : 4 Apr 2019 21:34
 Operator : JU/SJ
 Sample : K2257-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:32:46 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

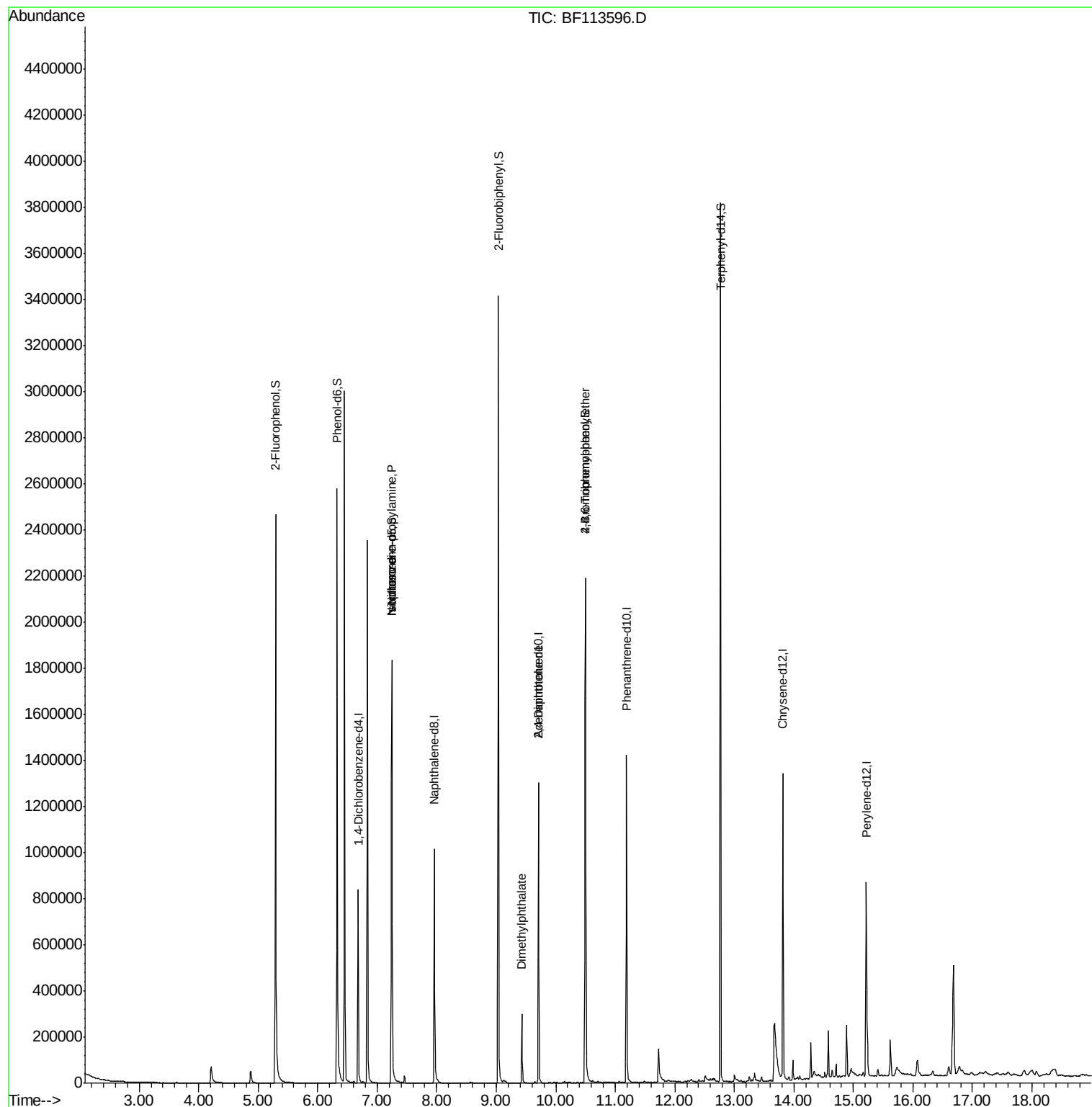
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	137365	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	520993	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	260939	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	555945	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	482095	20.00	ng	-0.03
87) Perylene-d12	15.22	264	380834	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	759964	94.34	ng	0.00
7) Phenol-d6	6.33	99	1006103	101.34	ng	-0.01
23) Nitrobenzene-d5	7.25	82	600643	67.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	313350	99.97	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1150958	71.01	ng	-0.02
79) Terphenyl-d14	12.77	244	1380103	58.29	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	78959	12.897	ng	# 75
25) Isophorone	7.25	82	600639	35.056	ng	# 64
50) Dimethylphthalate	9.43	163	145138	7.546	ng	99
57) 2,4-Dinitrotoluene	9.71	165	32993	6.434	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	17529	2.811	ng	# 1

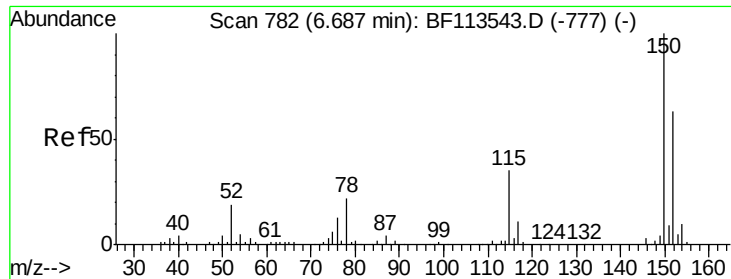
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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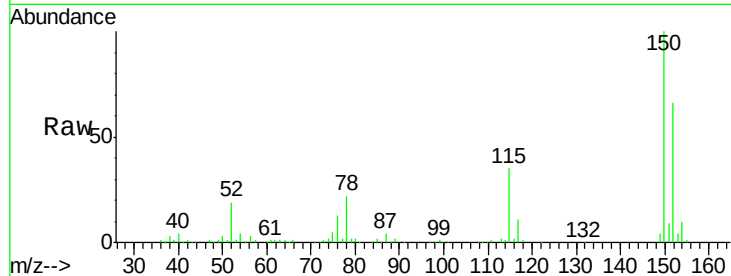




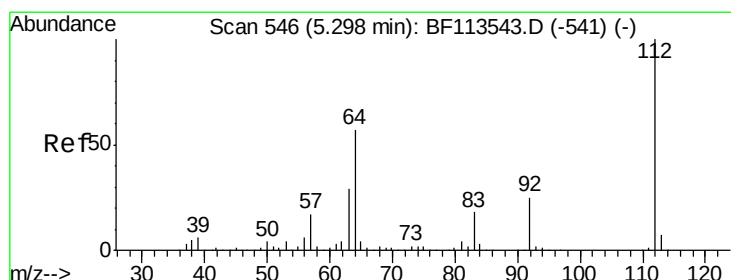
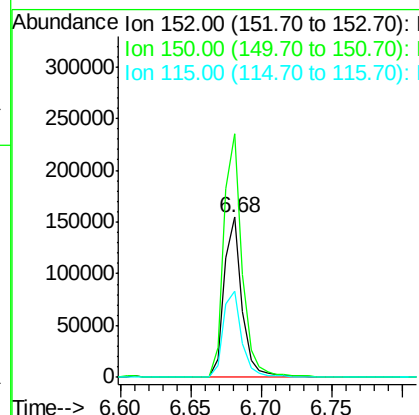
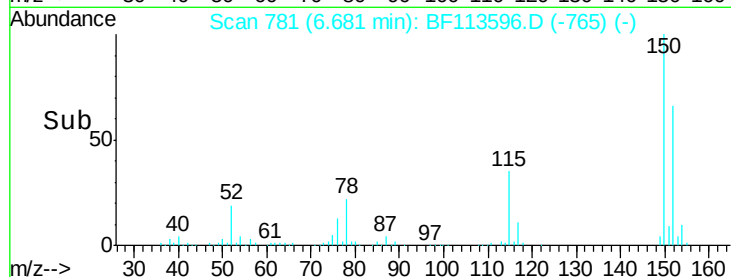
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113596.D
 Acq: 4 Apr 2019 21:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 137365
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.7 187.1
 115 53.8 46.0 69.0

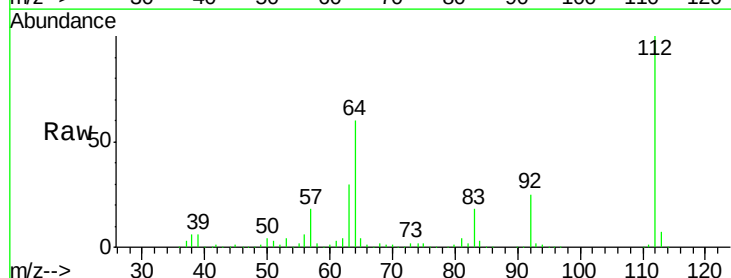


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

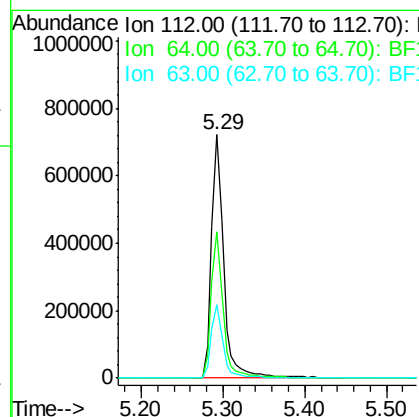
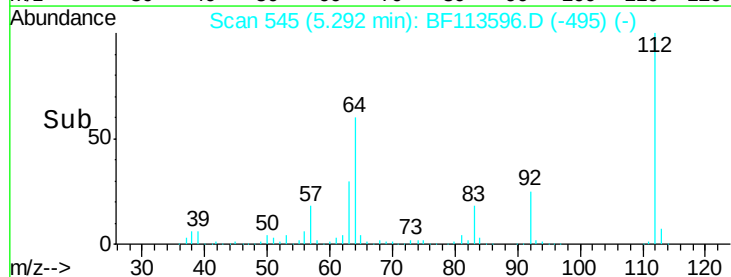


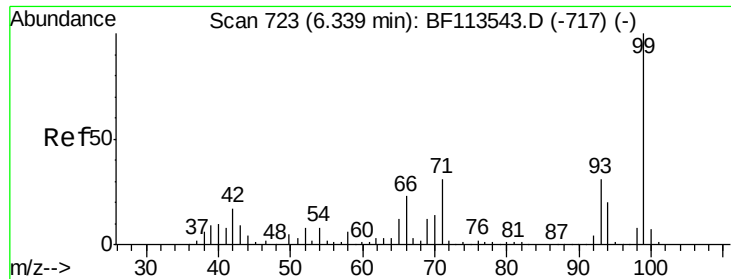
#5
 2-Fluorophenol
 Concen: 94.341 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF113596.D
 Acq: 4 Apr 2019 21:34

Tgt Ion:112 Resp: 759964
 Ion Ratio Lower Upper
 112 100
 64 60.1 49.2 73.8
 63 30.3 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: 101.335 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113596.D

Acq: 4 Apr 2019 21:34

Instrument :

BNA_F

ClientSampleId :

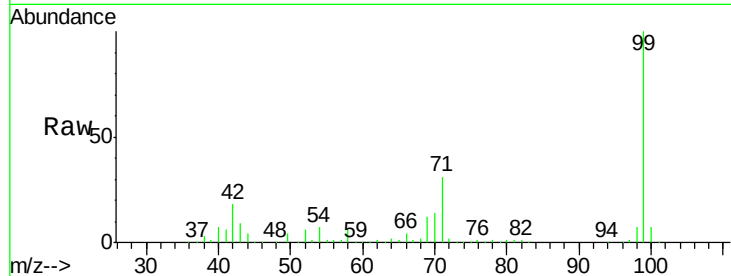
Tot Ion: 99 Resp: 1006103

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

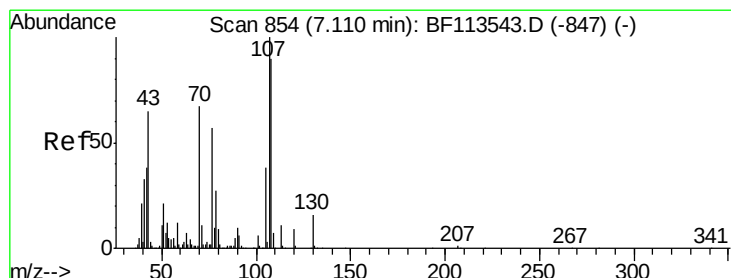
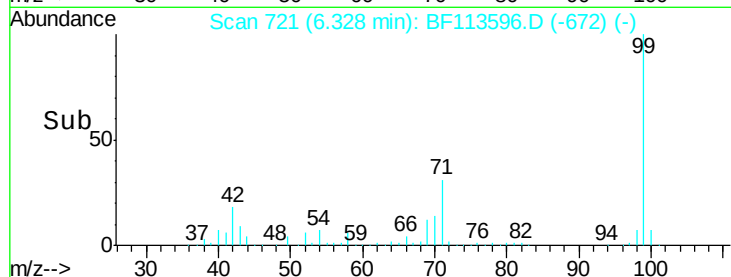
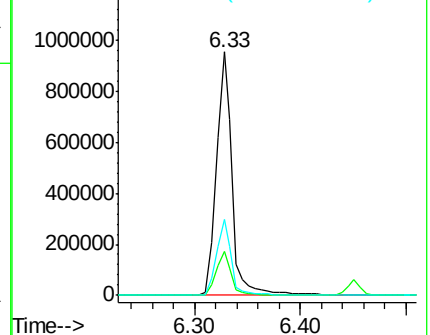
71 31.3 24.9 37.3



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: 12.897 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113596.D

Acq: 4 Apr 2019 21:34

Tgt Ion: 70 Resp: 78959

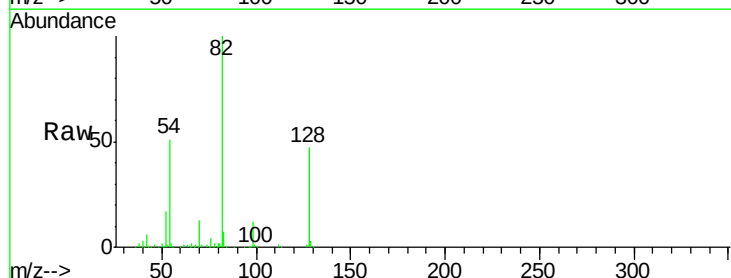
Ion Ratio Lower Upper

70 100

42 47.0 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

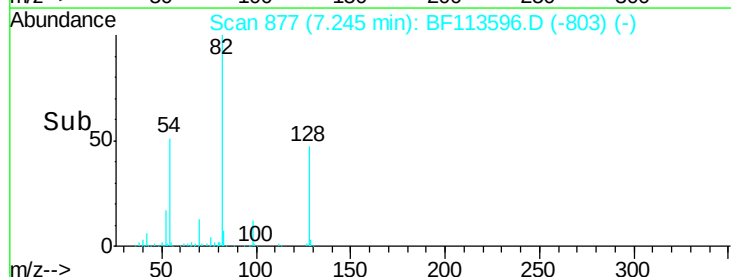
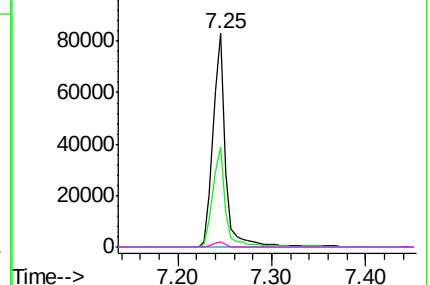


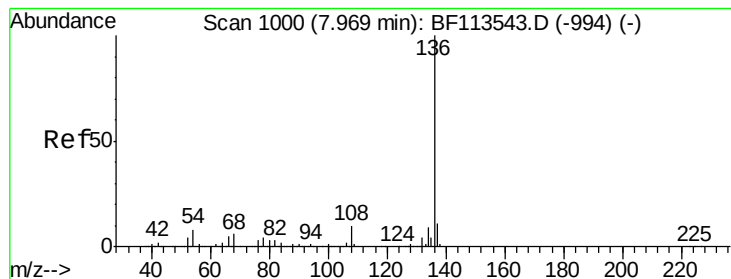
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113596.D

Acq: 4 Apr 2019 21:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 520993

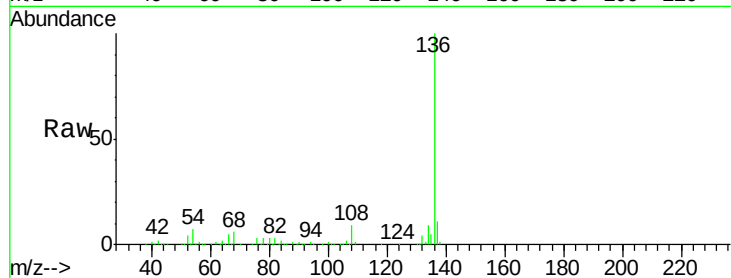
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.2 7.0 10.6

68 5.7 4.8 7.2

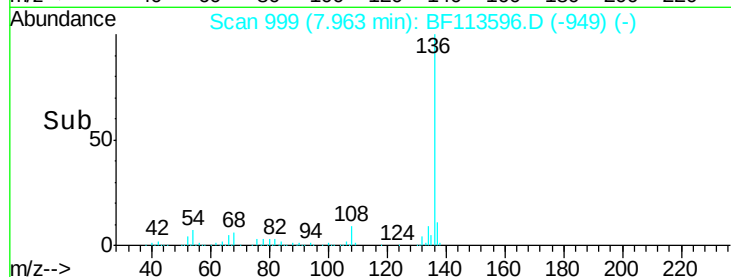


Abundance Ion 136.00 (135.70 to 136.70): E

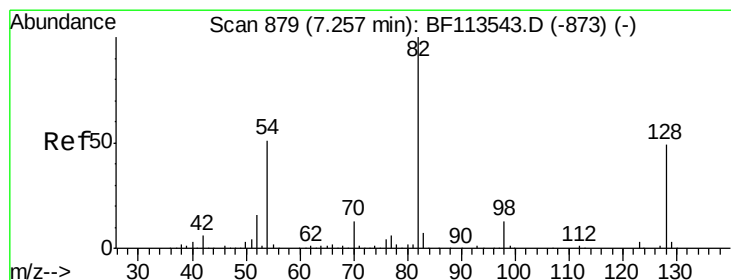
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 67.530 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113596.D

Acq: 4 Apr 2019 21:34

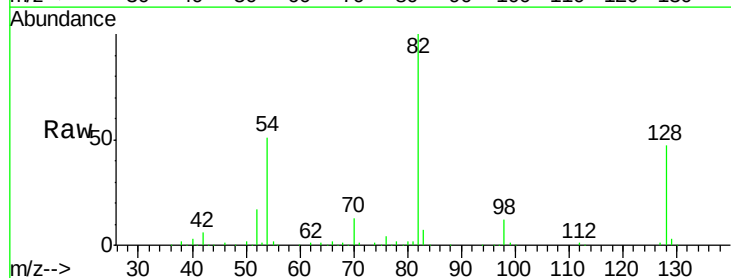
Tgt Ion: 82 Resp: 600643

Ion Ratio Lower Upper

82 100

128 47.5 36.5 54.7

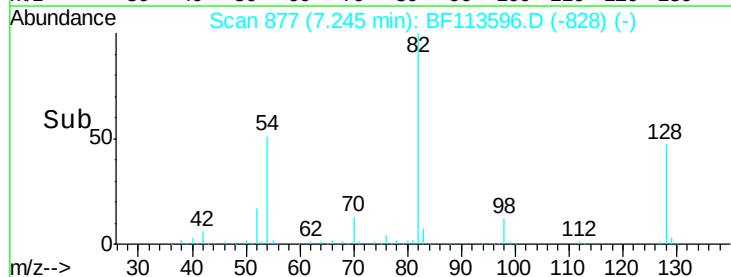
54 51.1 42.2 63.2



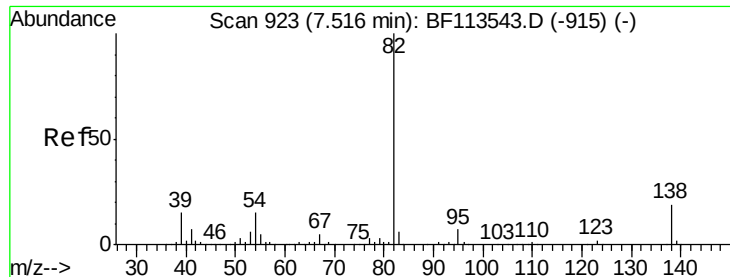
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#25

Isophorone

Concen: 35.056 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113596.D

Acq: 4 Apr 2019 21:34

Instrument :

BNA_F

ClientSampleId :

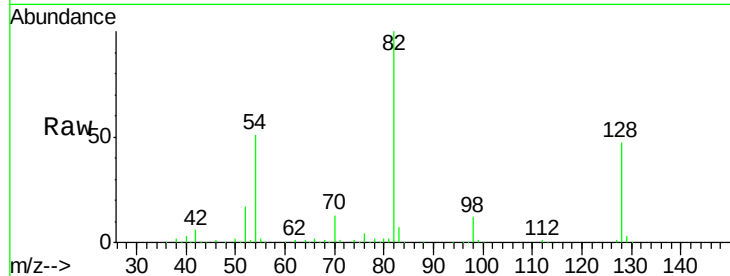
Tot Ion: 82 Resp: 600639

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

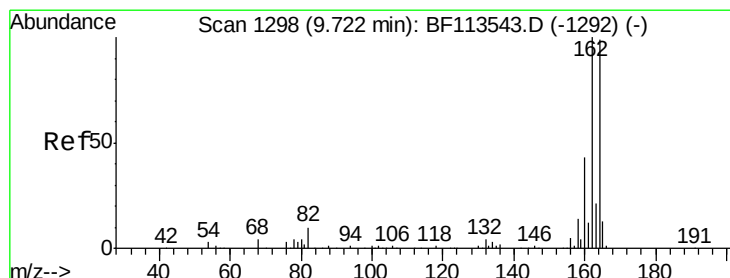
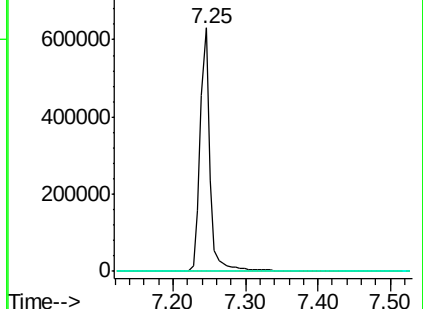
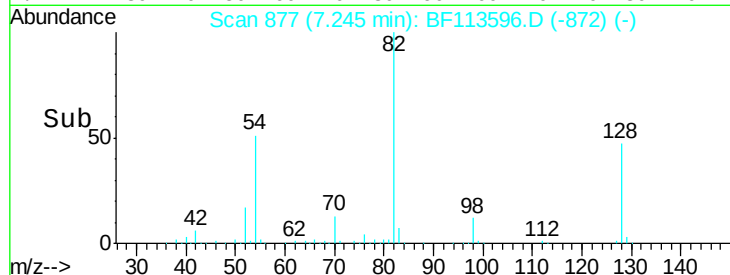
138 0.0 15.2 22.8#



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: BF113596.D

Acq: 4 Apr 2019 21:34

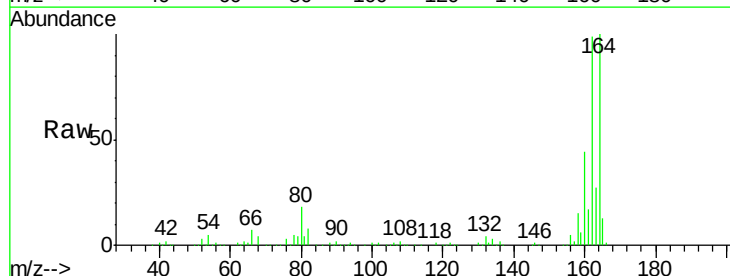
Tgt Ion:164 Resp: 260939

Ion Ratio Lower Upper

164 100

162 99.0 81.8 122.6

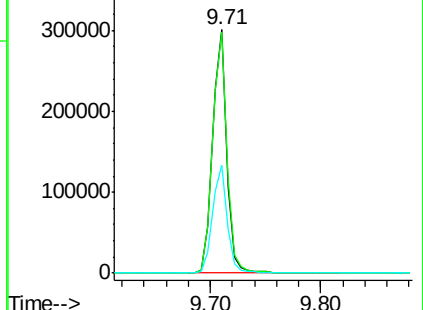
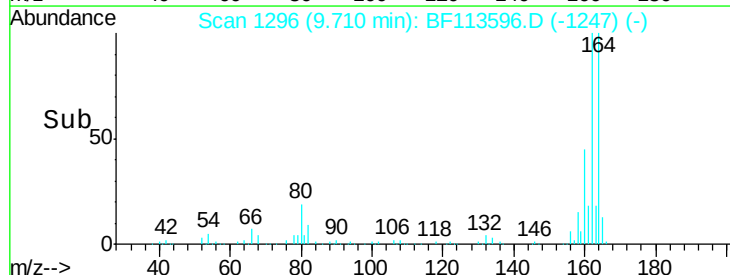
160 44.2 36.4 54.6

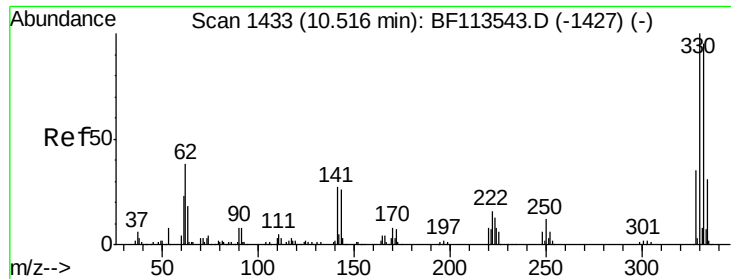


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

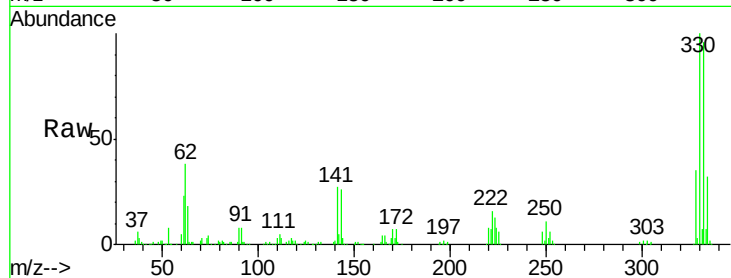




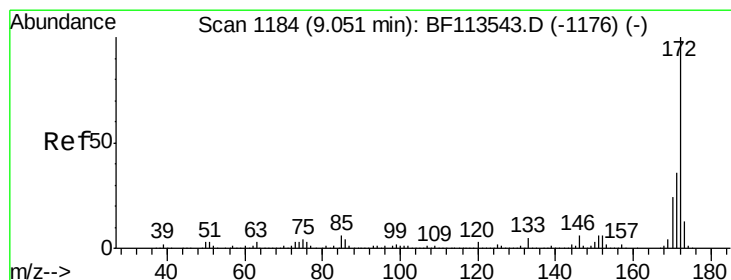
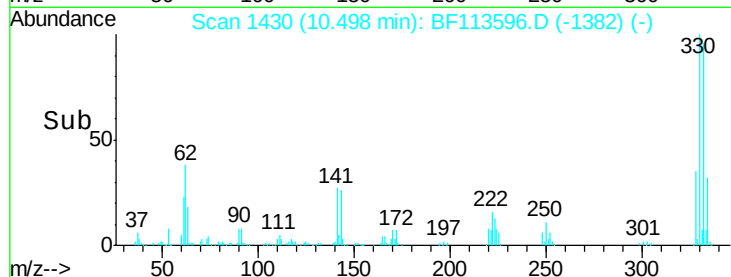
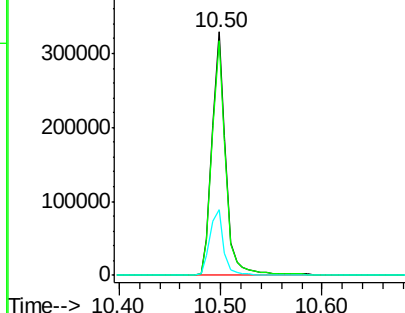
#42
 2,4,6-Tribromophenol
 Concen: 99.968 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113596.D
 Acq: 4 Apr 2019 21:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	27.5	22.7	34.1

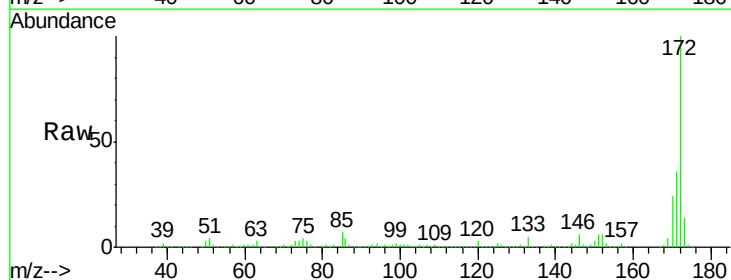


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

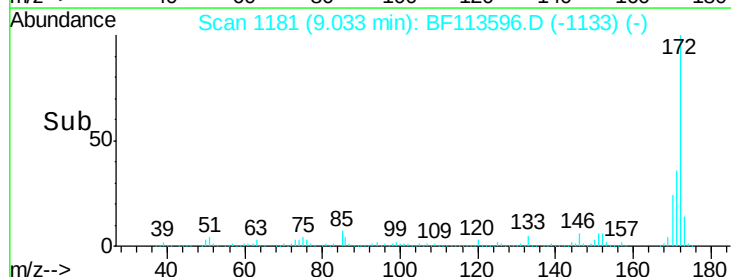
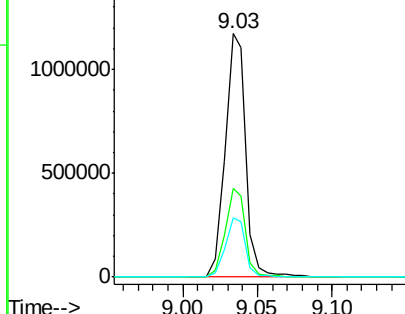


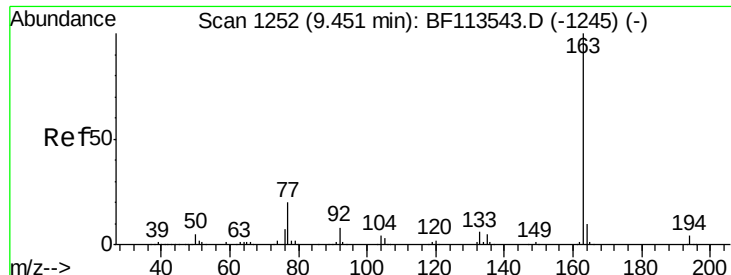
#45
 2-Fluorobiphenyl
 Concen: 71.010 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113596.D
 Acq: 4 Apr 2019 21:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.3	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

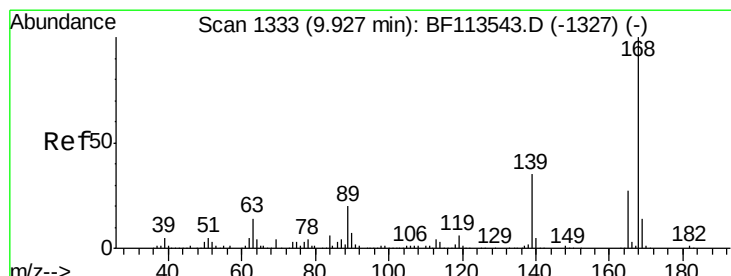
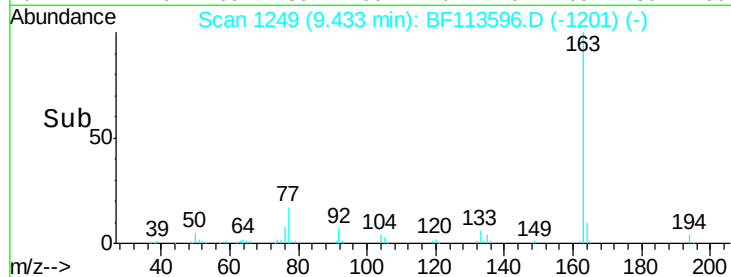
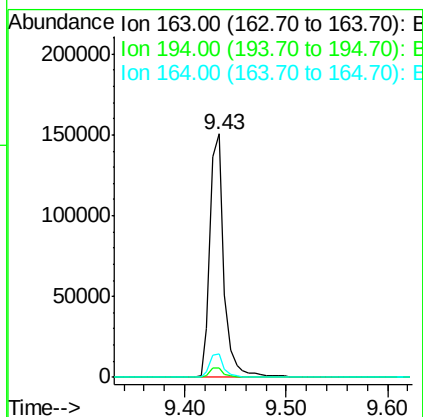
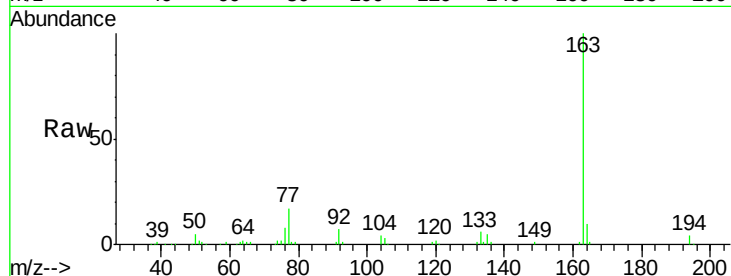




#50
Dimethylphthalate
Concen: 7.546 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113596.D
Acq: 4 Apr 2019 21:34

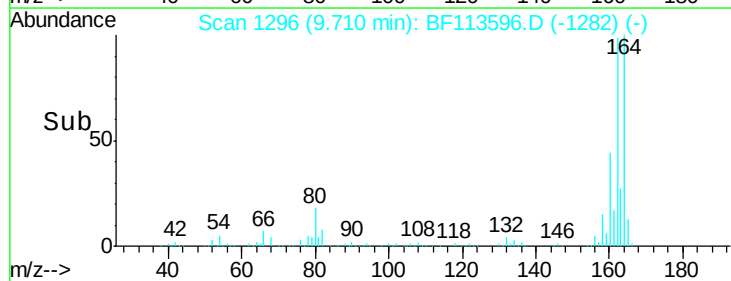
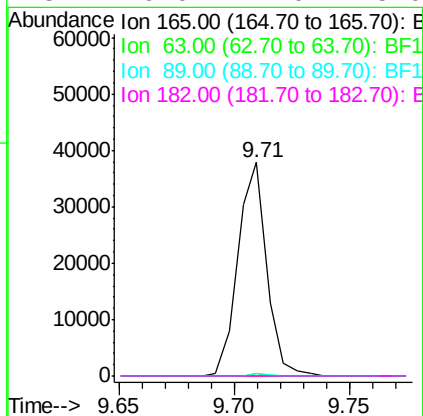
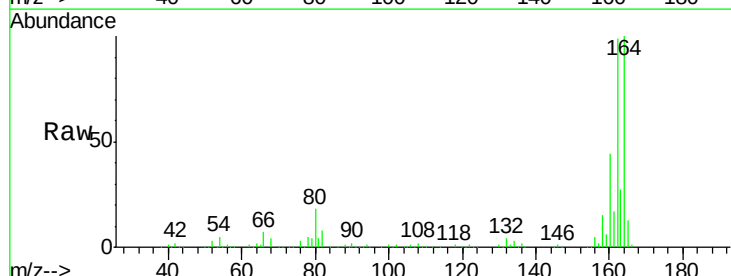
Instrument :
BNA_F
ClientSampleId :

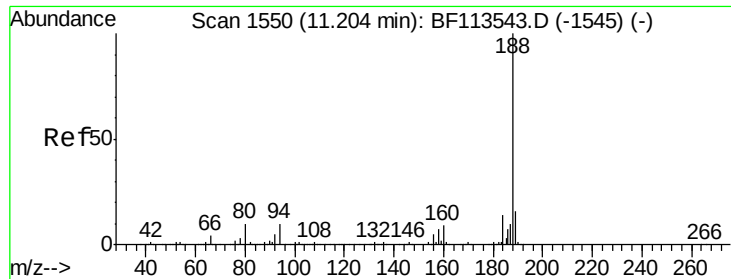
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.8	8.1	12.1



#57
2,4-Dinitrotoluene
Concen: 6.434 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF113596.D
Acq: 4 Apr 2019 21:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.5	56.3#
89	1.2	57.4	86.2#
182	0.0	2.0	3.0#

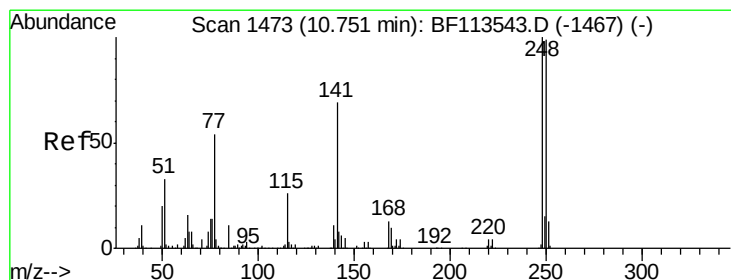
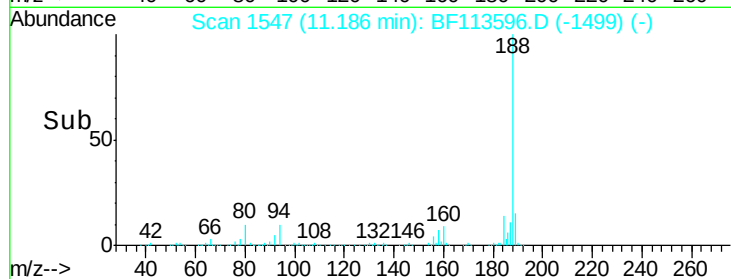
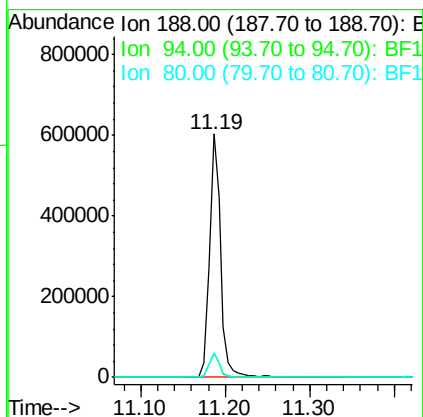
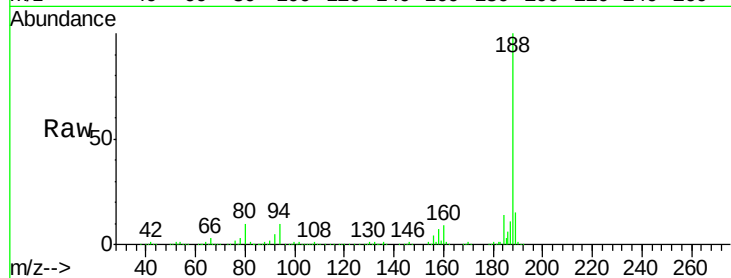




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113596.D
Acq: 4 Apr 2019 21:34

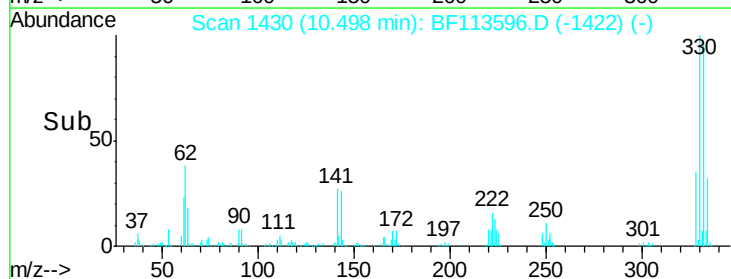
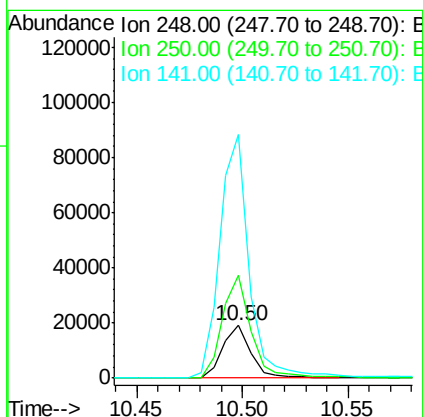
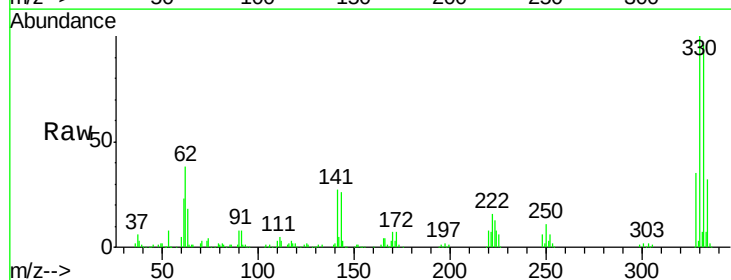
Instrument :
BNA_F
ClientSampleId :

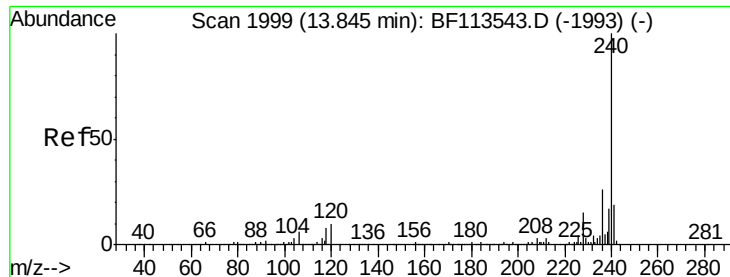
Tot Ion:188 Resp: 555945
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.0 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 2.811 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113596.D
Acq: 4 Apr 2019 21:34

Tgt Ion:248 Resp: 17529
Ion Ratio Lower Upper
248 100
250 196.2 78.3 117.5#
141 462.2 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.03 min

Lab File: BF113596.D

Acq: 4 Apr 2019 21:34

Instrument :

BNA_F

ClientSampleId :

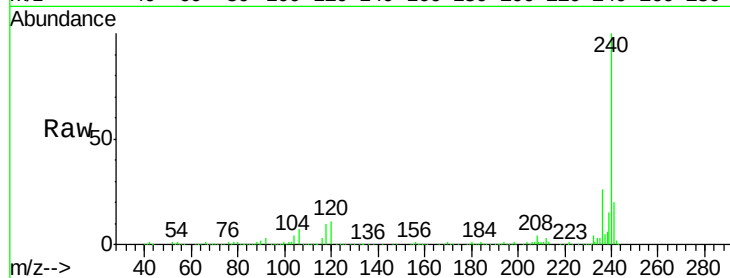
Tot Ion:240 Resp: 482095

Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

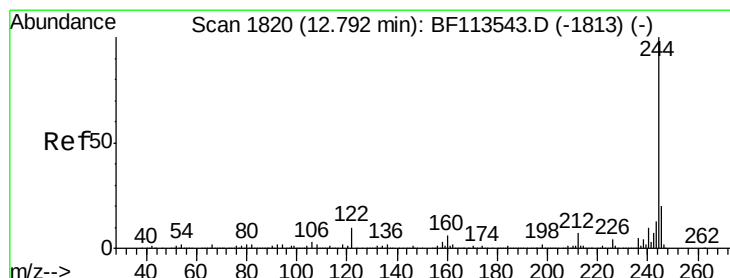
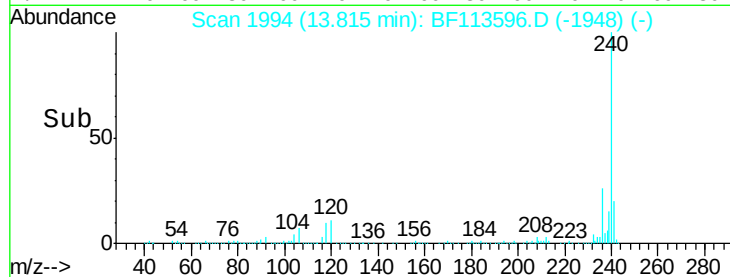
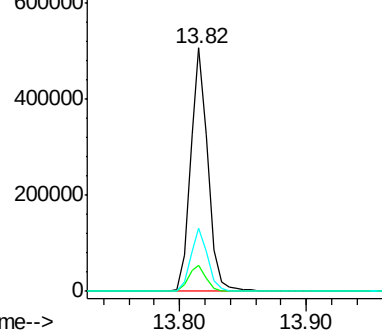
236 26.1 20.9 31.3



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: 58.285 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113596.D

Acq: 4 Apr 2019 21:34

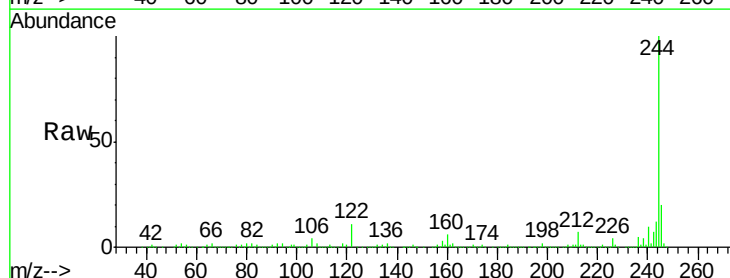
Tgt Ion:244 Resp: 1380103

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

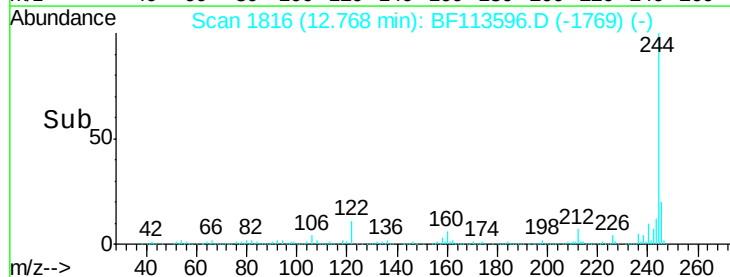
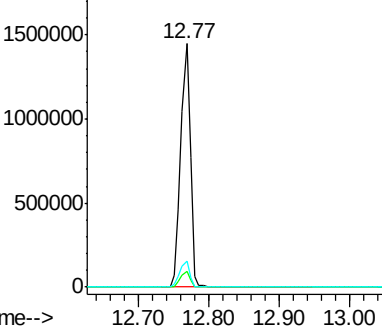
122 10.9 8.6 13.0

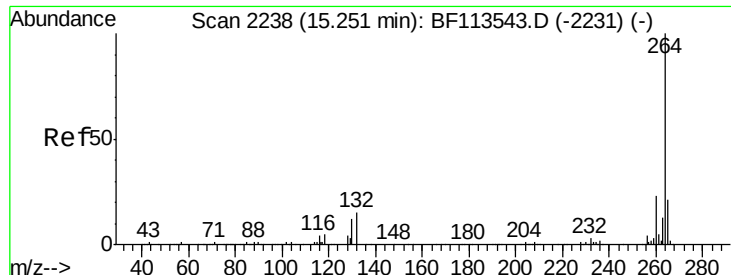


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.04 min
 Lab File: BF113596.D
 Acq: 4 Apr 2019 21:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.8	17.1	25.7

