

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115708.D
 Acq On : 22 Jul 2019 14:45
 Operator : HP/JU
 Sample : K3617-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:16:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

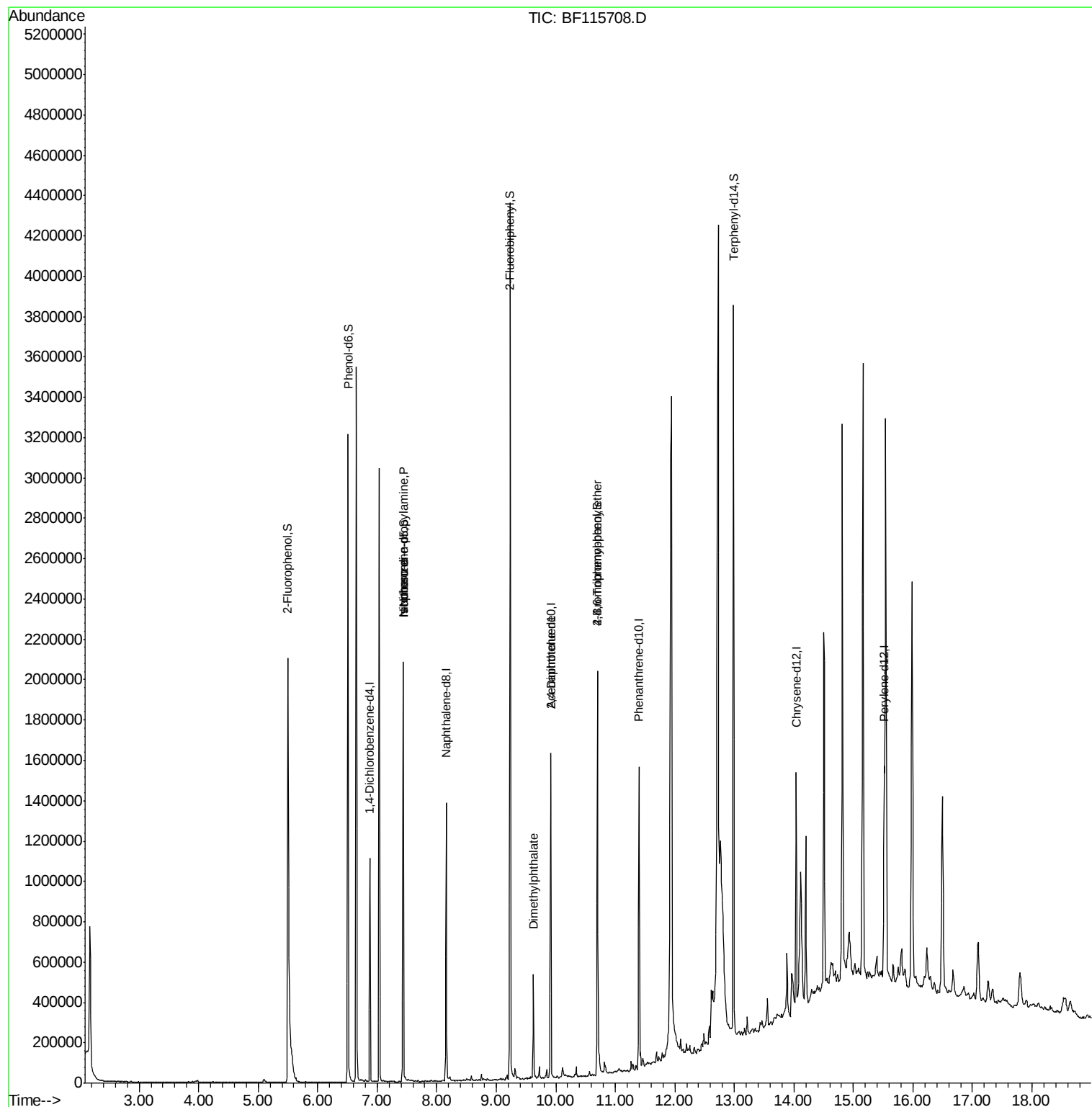
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	168074	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	635071	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	327057	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	514027	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	361848	20.00	ng	-0.01
87) Perylene-d12	15.52	264	433006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1038537	101.07	ng	0.00
7) Phenol-d6	6.51	99	1256562	96.38	ng	0.00
23) Nitrobenzene-d5	7.43	82	785566	71.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	292835	76.71	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1377682	73.73	ng	-0.02
79) Terphenyl-d14	12.99	244	1195876	60.98	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	106317	12.503	ng	# 78
25) Isophorone	7.43	82	778220	35.609	ng	# 64
50) Dimethylphthalate	9.62	163	198890	8.083	ng	98
57) 2,4-Dinitrotoluene	9.92	165	42561	5.875	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	17477	2.975	ng	# 1

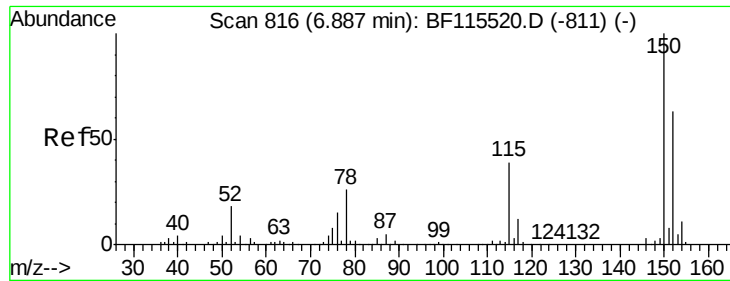
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



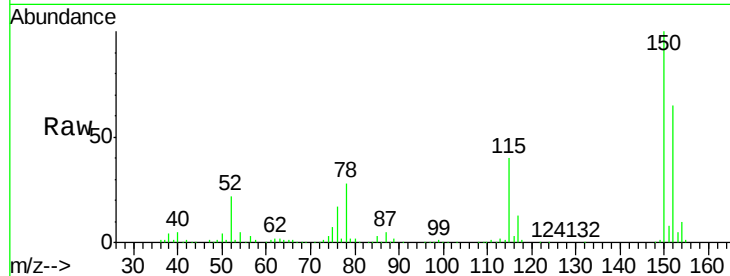


#1

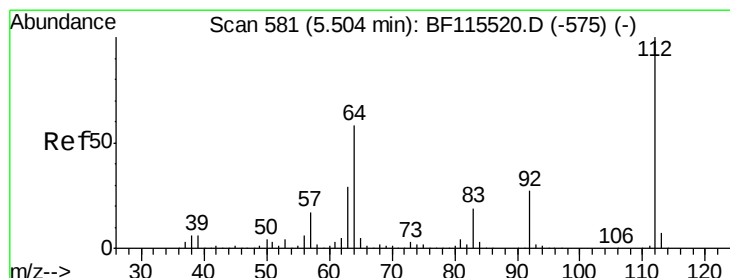
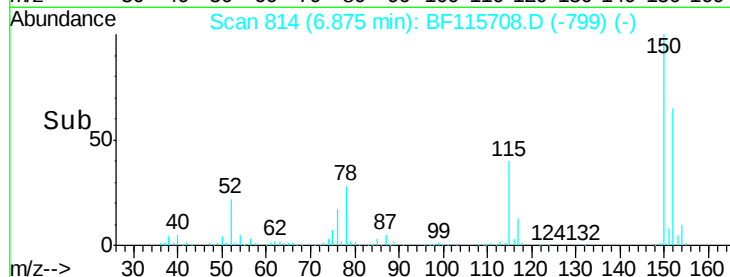
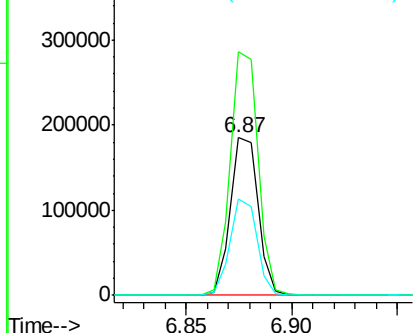
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115708.D
Acq: 22 Jul 2019 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168074
Ion Ratio Lower Upper
152 100
150 154.3 129.7 194.5
115 61.3 48.2 72.4



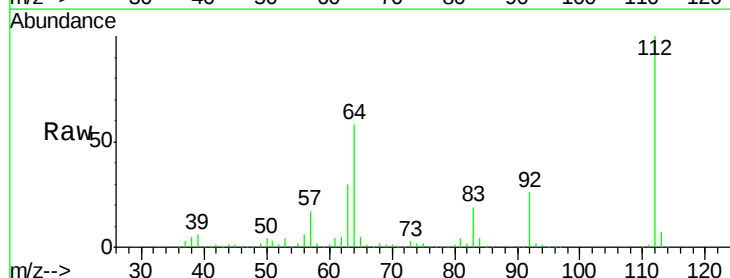
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



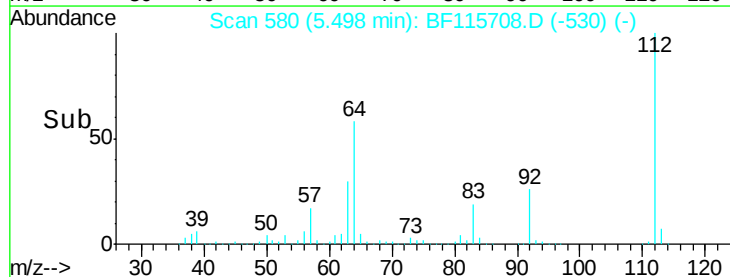
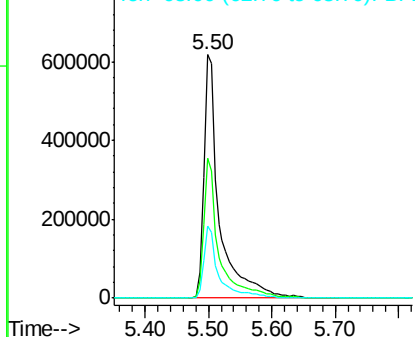
#5

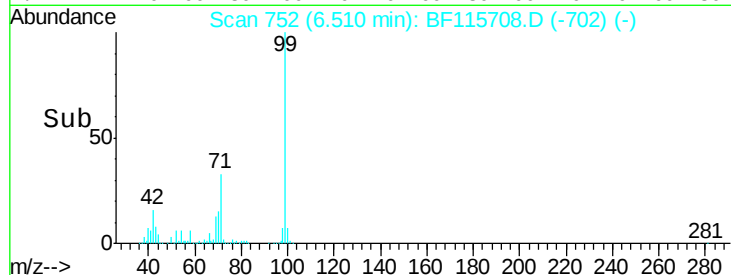
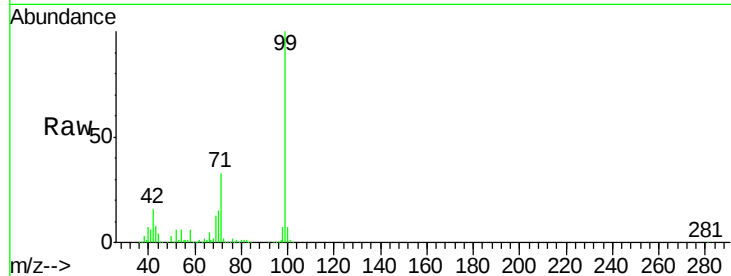
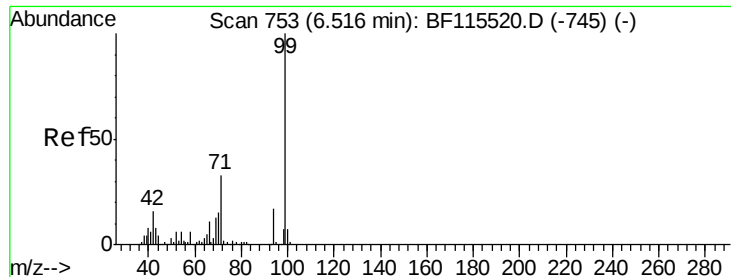
2-Fluorophenol
Concen: 101.071 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115708.D
Acq: 22 Jul 2019 14:45

Tgt Ion:112 Resp: 1038537
Ion Ratio Lower Upper
112 100
64 57.6 46.8 70.2
63 29.8 24.1 36.1



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: 96.376 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

Instrument :

BNA_F

ClientSampleId :

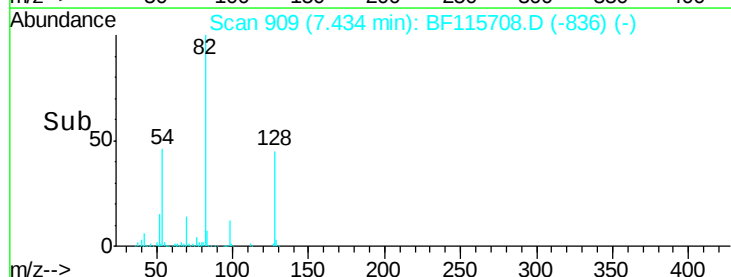
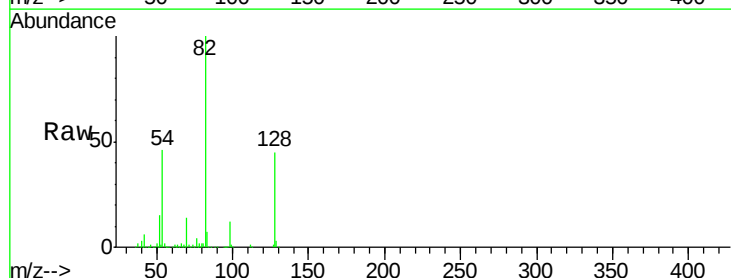
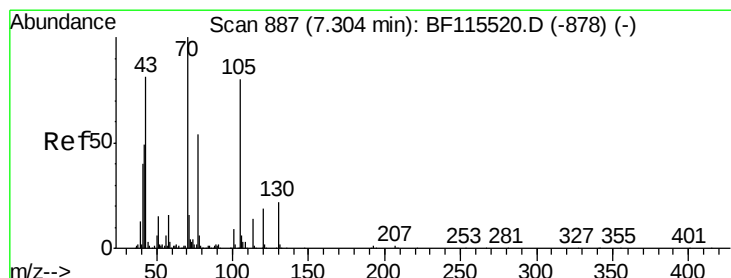
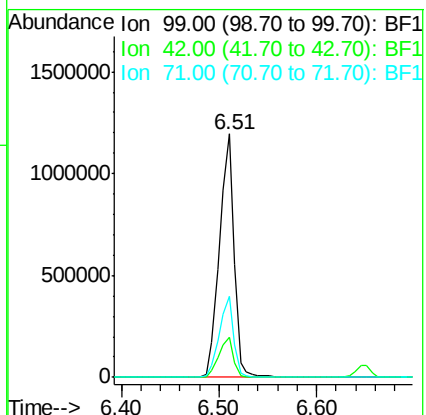
Tot Ion: 99 Resp: 1256562

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

71 33.4 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.503 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

Tgt Ion: 70 Resp: 106317

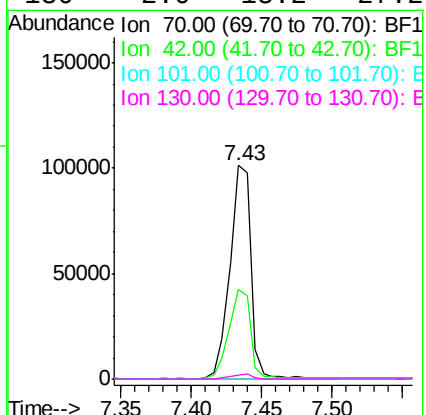
Ion Ratio Lower Upper

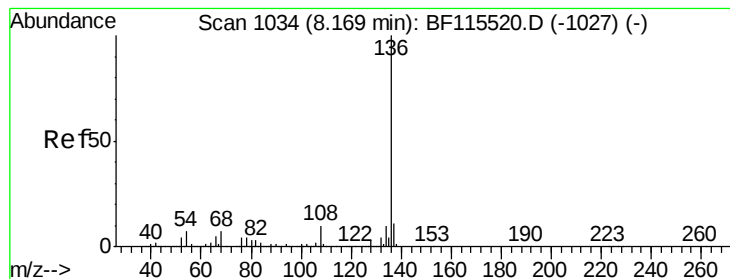
70 100

42 42.1 39.6 59.4

101 0.0 8.1 12.1#

130 2.0 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 635071

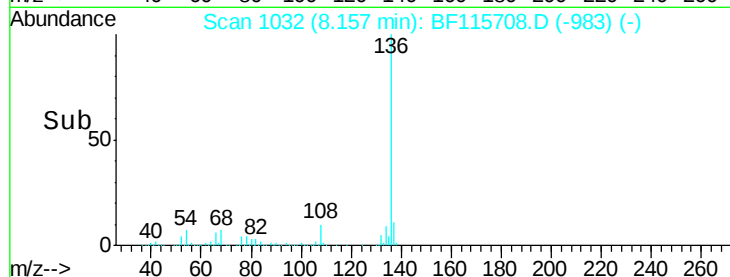
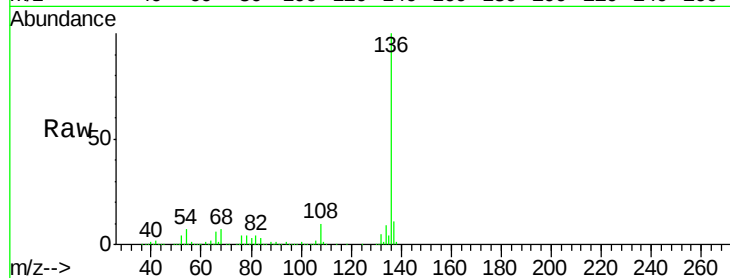
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.3 5.6 8.4

68 6.6 5.0 7.6

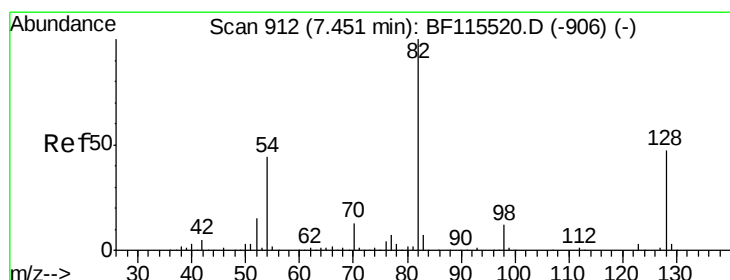
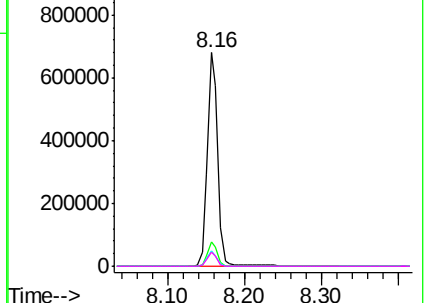


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.926 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

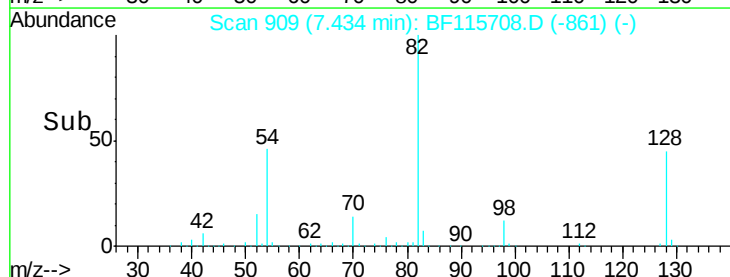
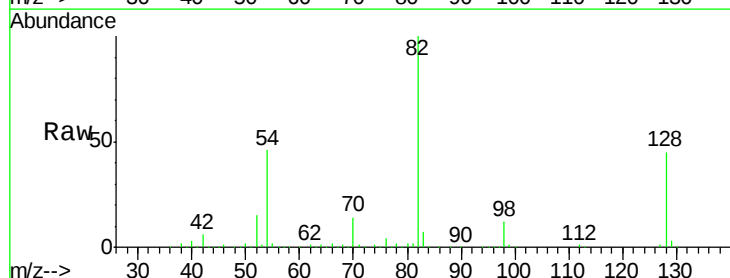
Tgt Ion: 82 Resp: 785566

Ion Ratio Lower Upper

82 100

128 45.4 38.6 57.8

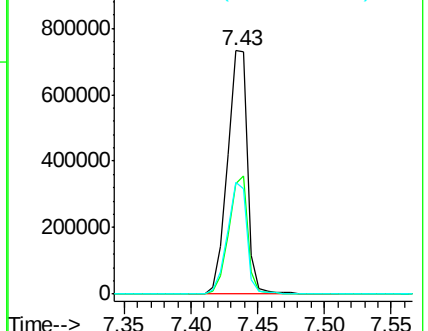
54 46.0 35.6 53.4

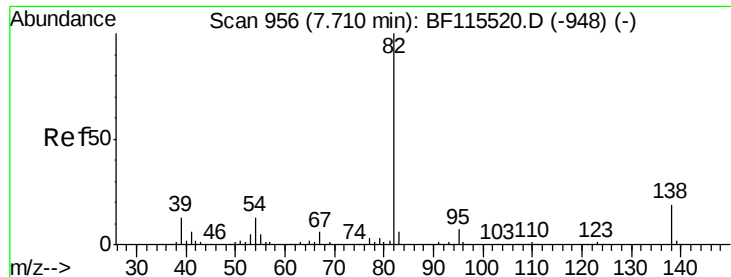


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.609 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

Instrument :

BNA_F

ClientSampleId :

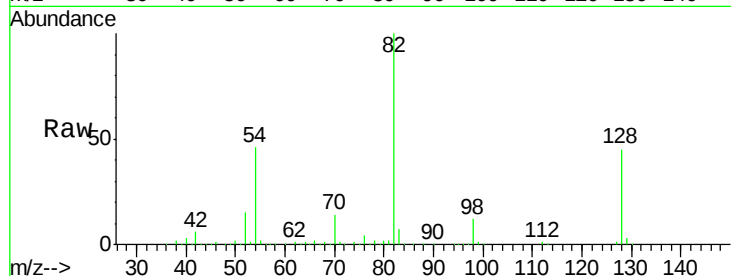
Tot Ion: 82 Resp: 778220

Ion Ratio Lower Upper

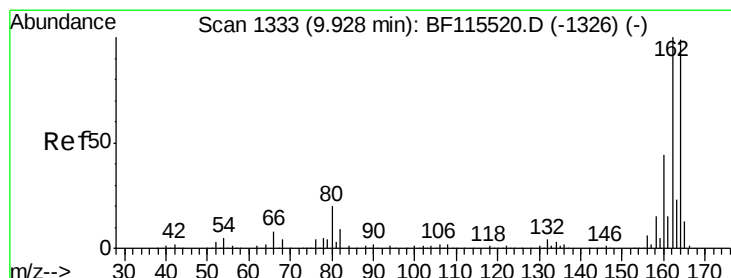
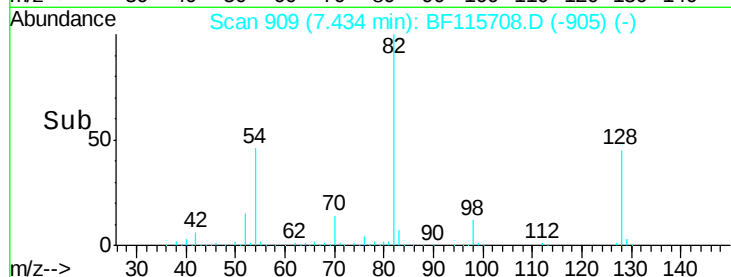
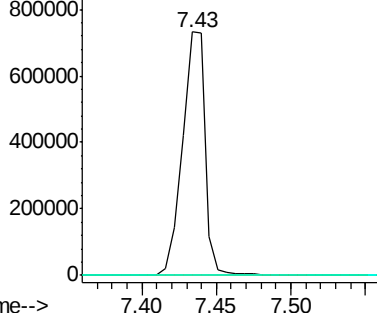
82 100

95 0.0 5.5 8.3#

138 0.0 14.9 22.3#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

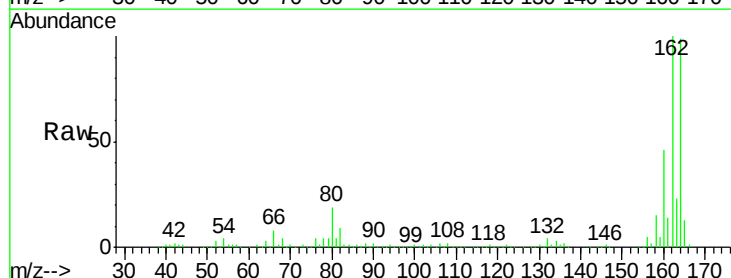
Tgt Ion: 164 Resp: 327057

Ion Ratio Lower Upper

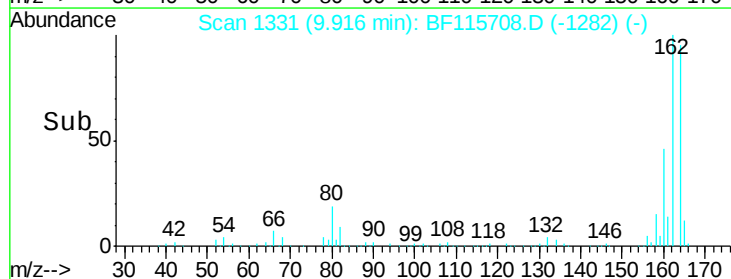
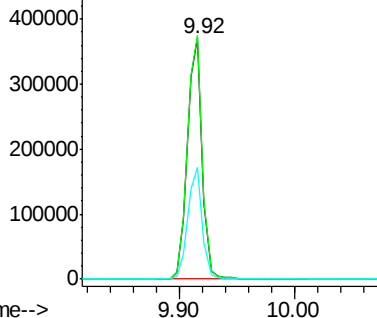
164 100

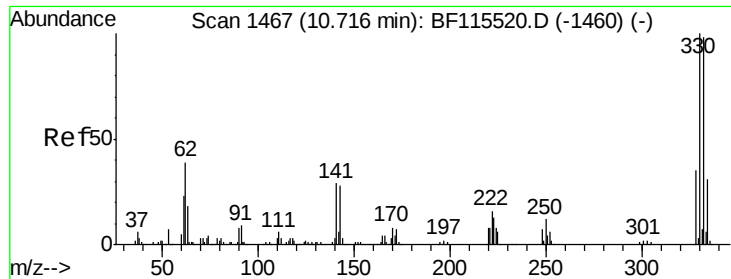
162 101.2 82.9 124.3

160 46.2 36.8 55.2



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

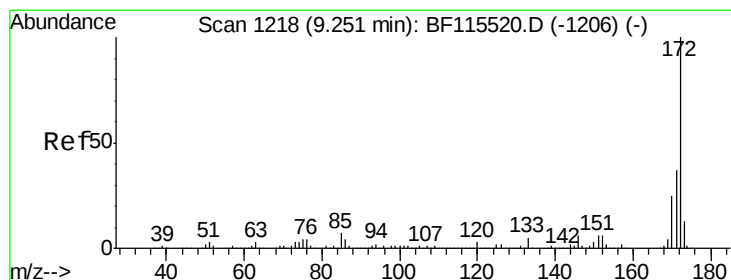
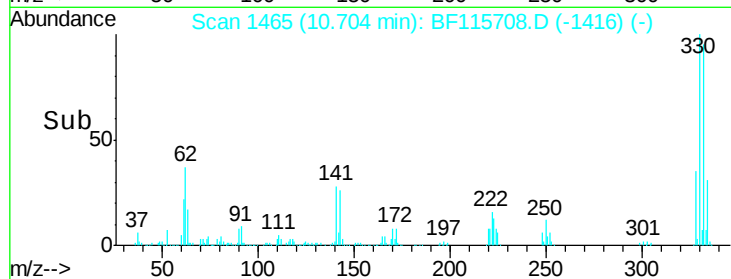
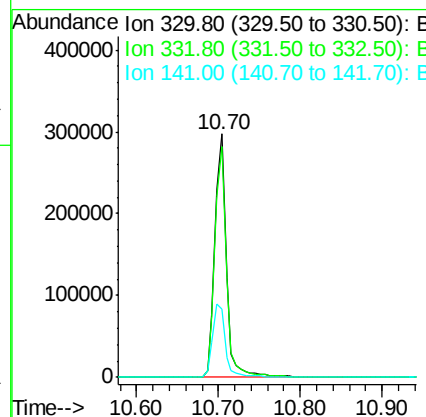
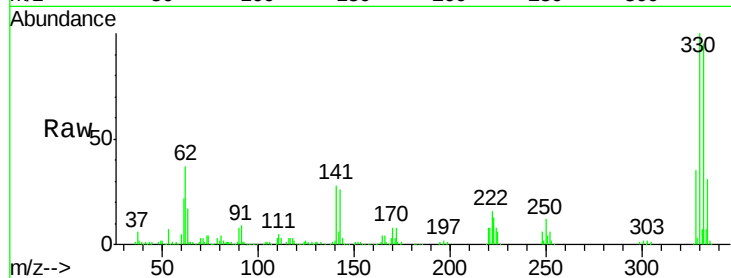




#42
 2,4,6-Tribromophenol
 Concen: 76.708 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115708.D
 Acq: 22 Jul 2019 14:45

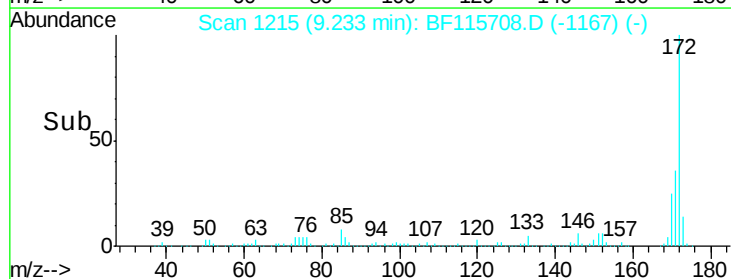
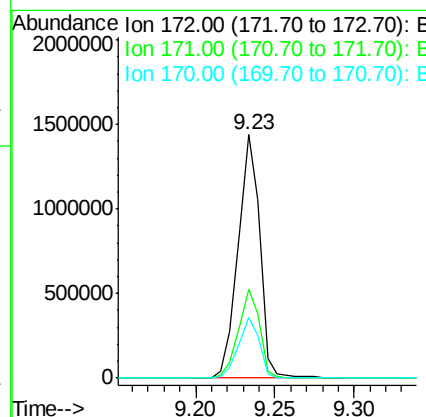
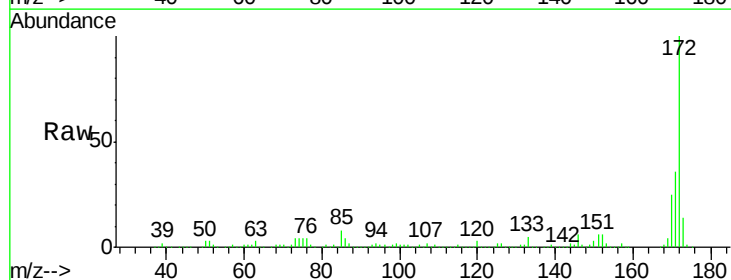
Instrument :
 BNA_F
 ClientSampleId :

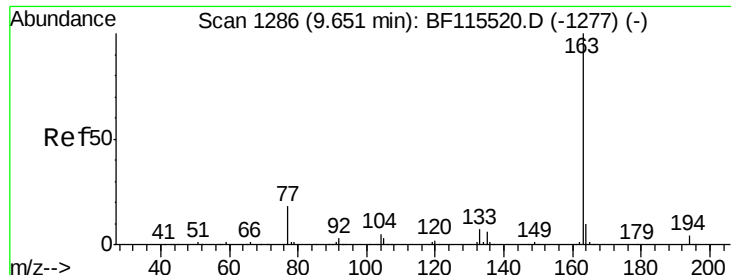
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	33.4	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 73.728 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115708.D
 Acq: 22 Jul 2019 14:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	46.0
170	24.8	20.5	30.7

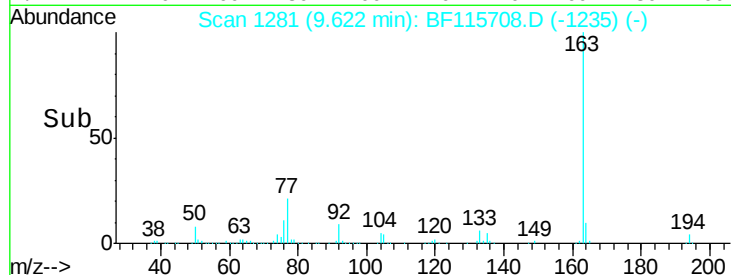
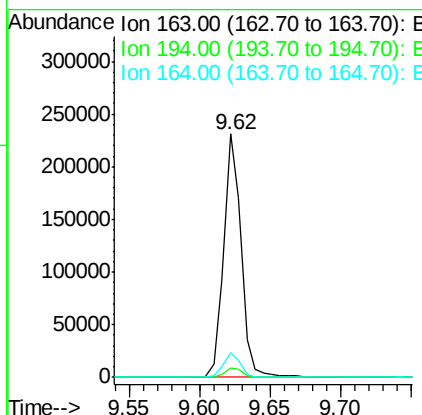
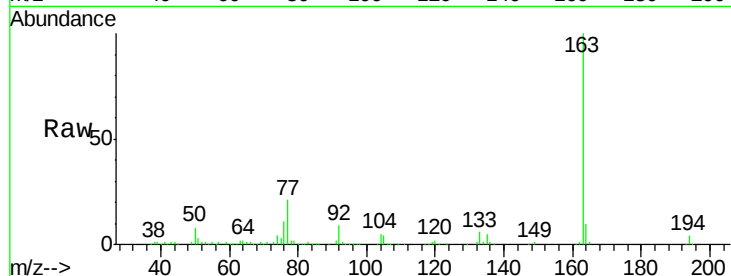




#50
Dimethylphthalate
Concen: 8.083 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115708.D
Acq: 22 Jul 2019 14:45

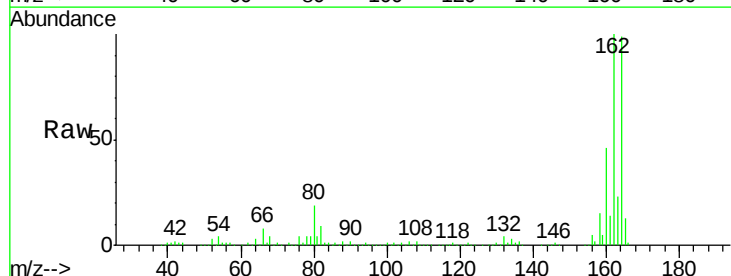
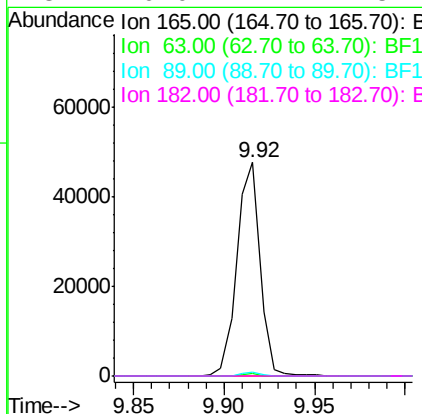
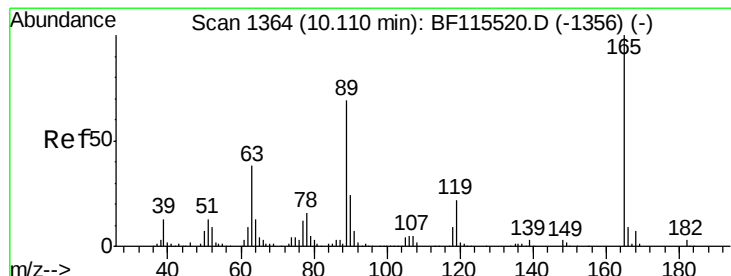
Instrument :
BNA_F
ClientSampleId :

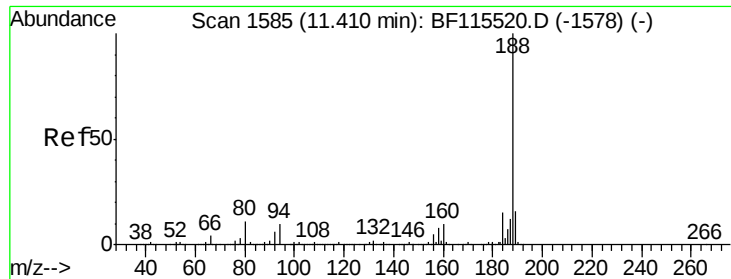
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.0	8.7	13.1



#57
2,4-Dinitrotoluene
Concen: 5.875 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF115708.D
Acq: 22 Jul 2019 14:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.9	52.3#
89	1.7	57.5	86.3#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

Instrument :

BNA_F

ClientSampleId :

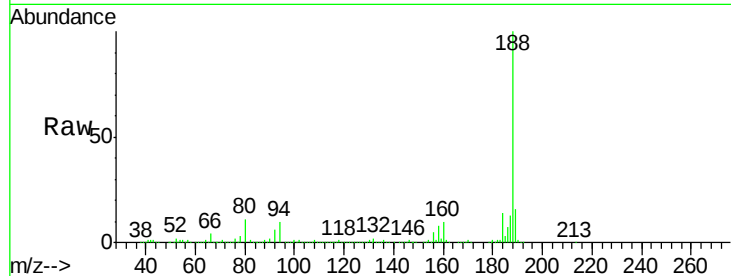
Tot Ion:188 Resp: 514027

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

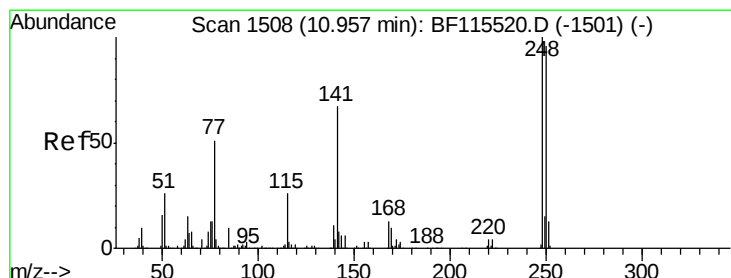
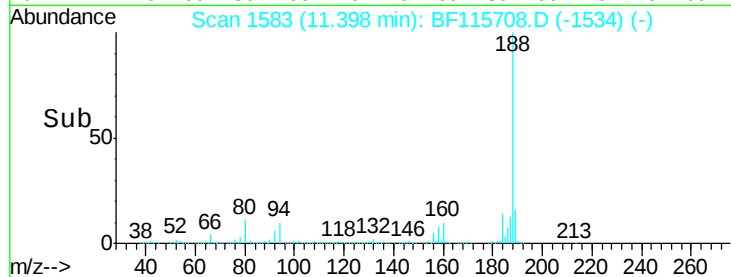
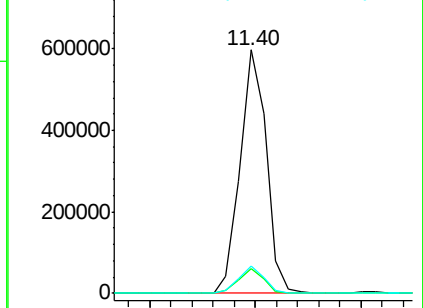
80 11.1 8.6 13.0



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: 2.975 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

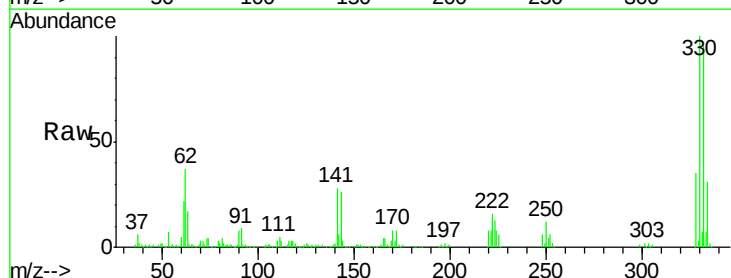
Tgt Ion:248 Resp: 17477

Ion Ratio Lower Upper

248 100

250 207.2 78.0 117.0#

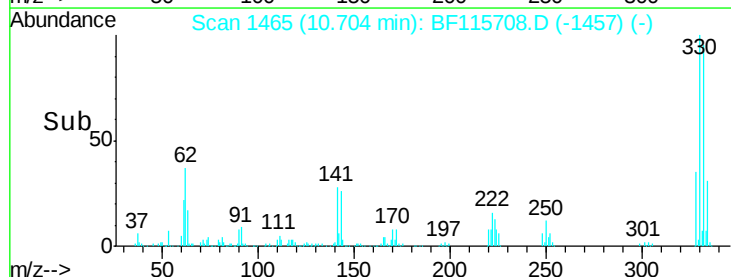
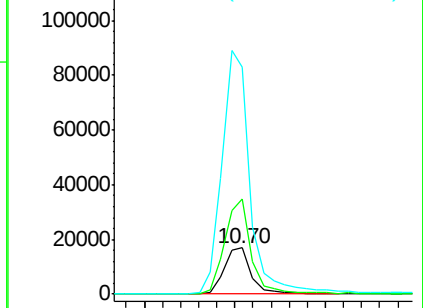
141 494.8 57.7 86.5#

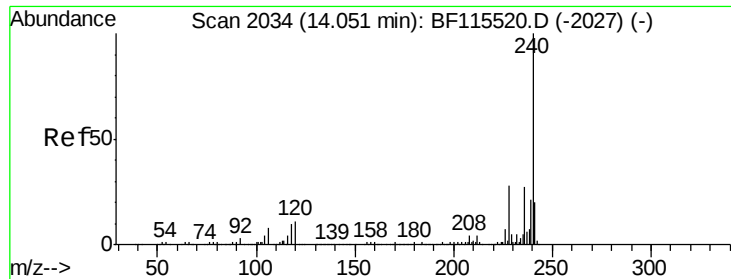


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

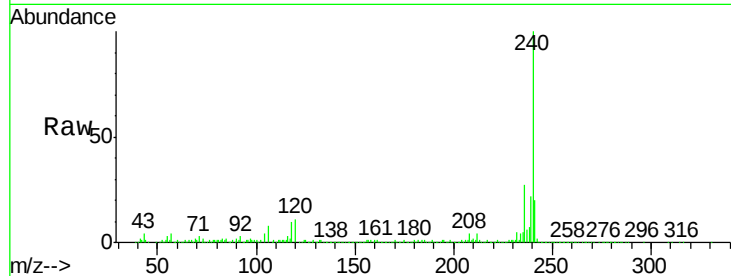




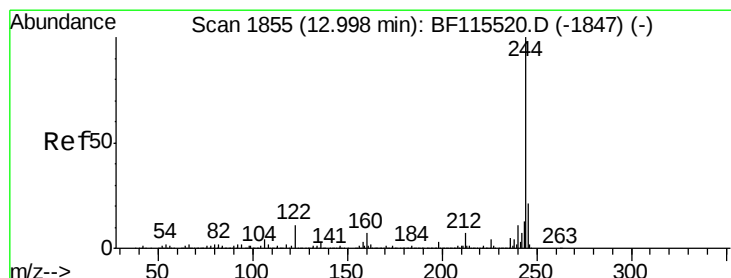
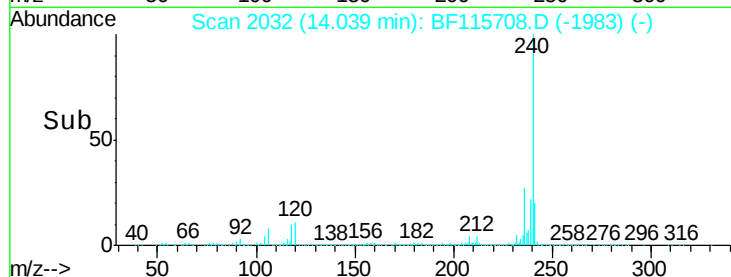
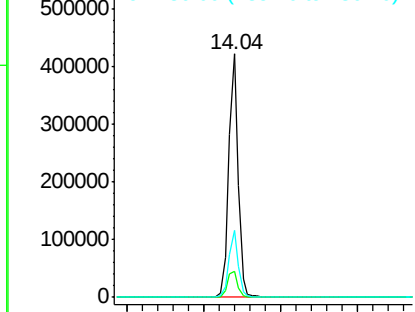
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115708.D
 Acq: 22 Jul 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 361848
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.6 13.0
 236 27.3 21.3 31.9

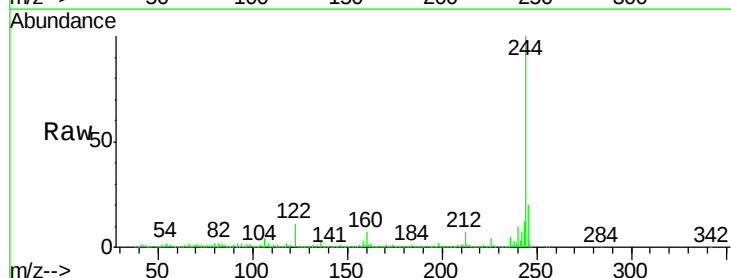


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

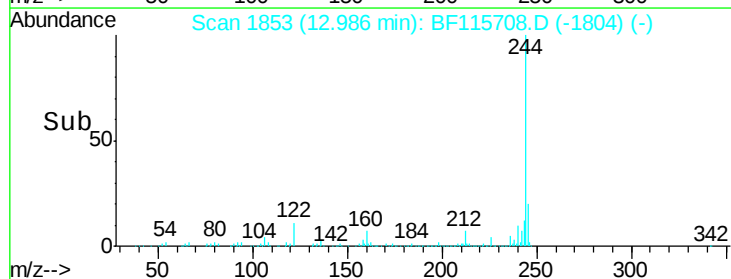
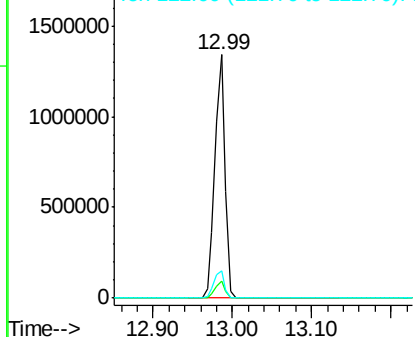


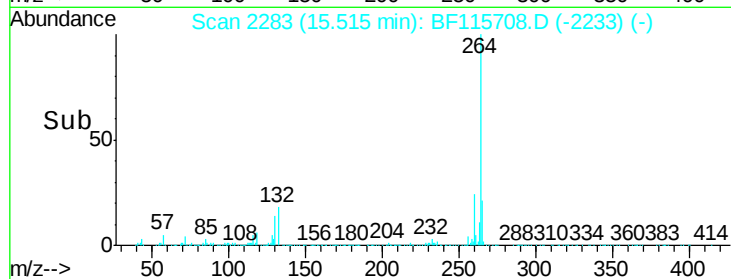
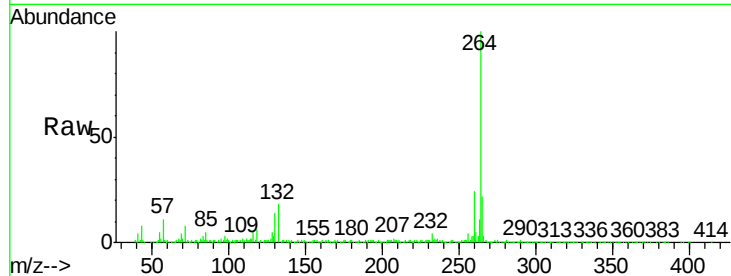
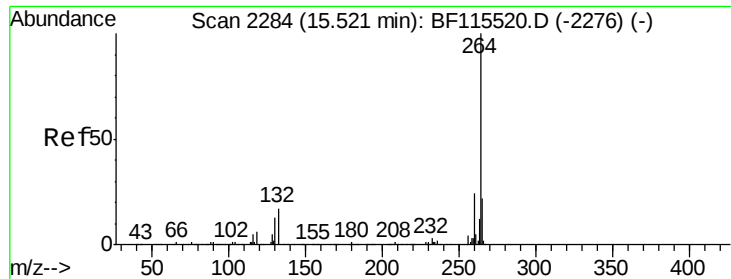
#79
 Terphenyl-d14
 Concen: 60.981 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115708.D
 Acq: 22 Jul 2019 14:45

Tgt Ion:244 Resp: 1195876
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 11.4 8.6 12.8



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: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115708.D
 Acq: 22 Jul 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.9	17.7	26.5

