

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113669.D
 Acq On : 9 Apr 2019 18:59
 Operator : JU/SJ
 Sample : K2198-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:25:20 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

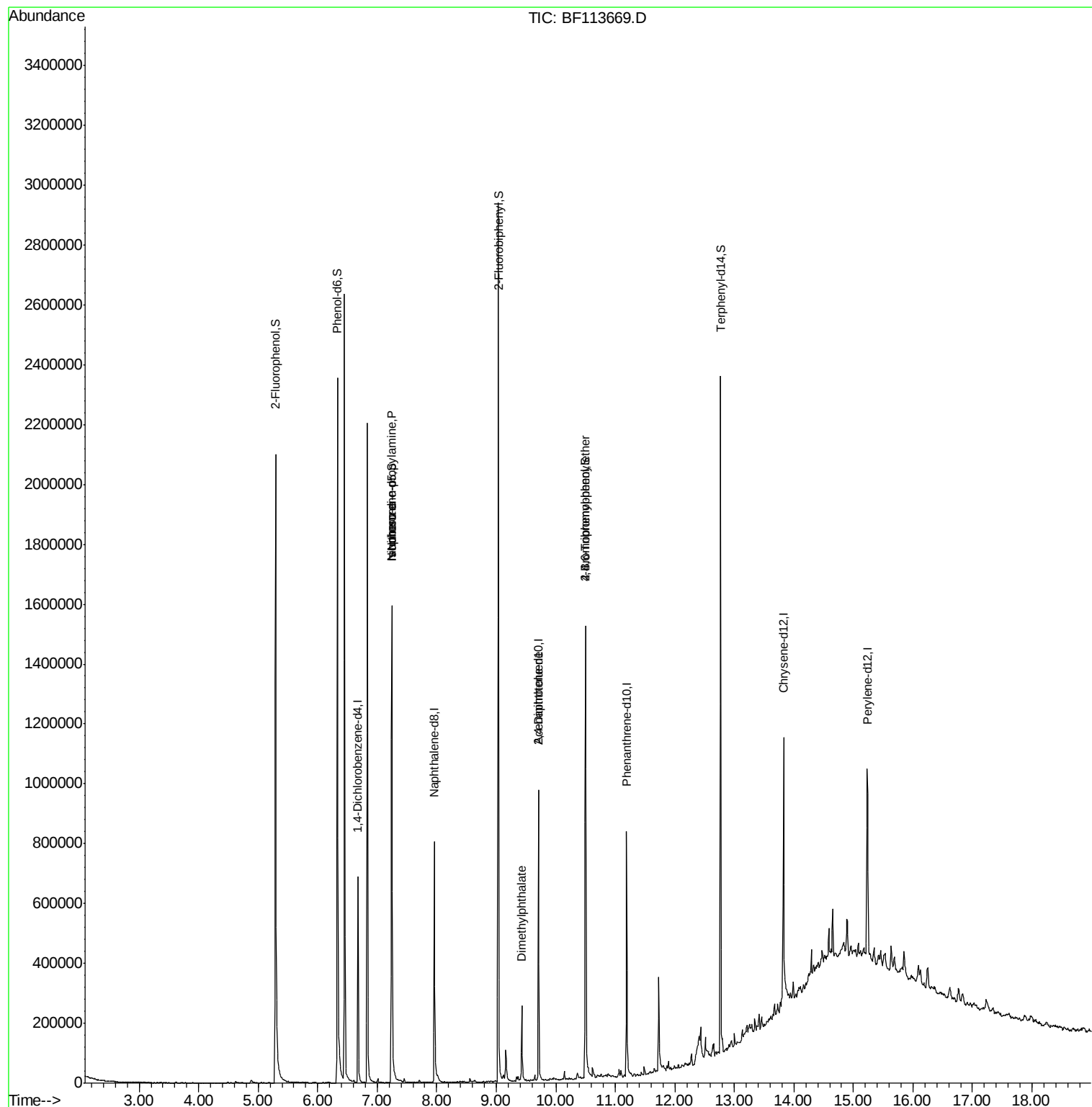
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	122575	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	450711	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	197001	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	335271	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	319840	20.00	ng	-0.02
87) Perylene-d12	15.23	264	267294	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	720559	100.24	ng	0.00
7) Phenol-d6	6.33	99	938004	105.88	ng	0.00
23) Nitrobenzene-d5	7.25	82	554203	72.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	225669	95.36	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	953513	77.92	ng	-0.02
79) Terphenyl-d14	12.77	244	816422	51.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	71237	13.040	ng	# 76
25) Isophorone	7.25	82	555173	37.455	ng	# 64
50) Dimethylphthalate	9.43	163	112262	7.731	ng	98
57) 2,4-Dinitrotoluene	9.71	165	25307	6.537	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	12660	3.367	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
Data File : BF113669.D
Acq On : 9 Apr 2019 18:59
Operator : JU/SJ
Sample : K2198-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 10 02:25:20 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



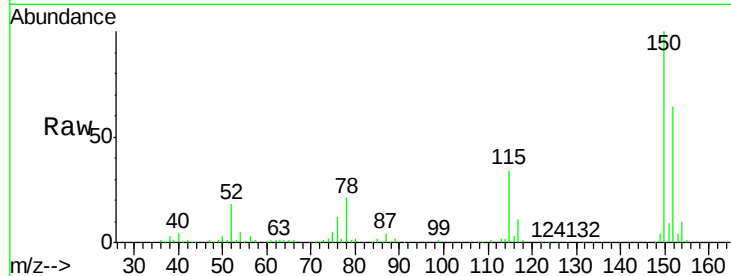


#1

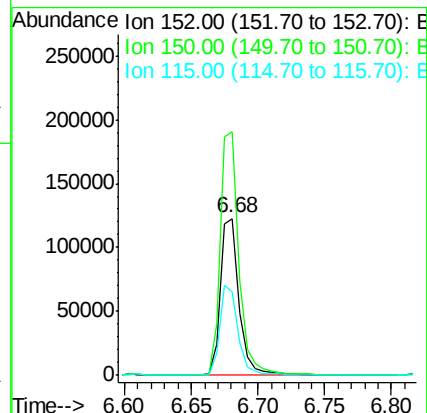
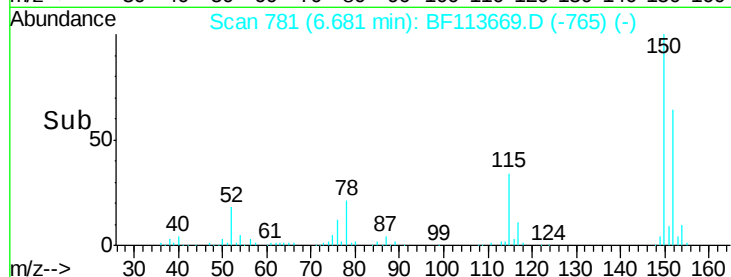
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113669.D
Acq: 9 Apr 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.7	187.1
115	53.4	46.0	69.0



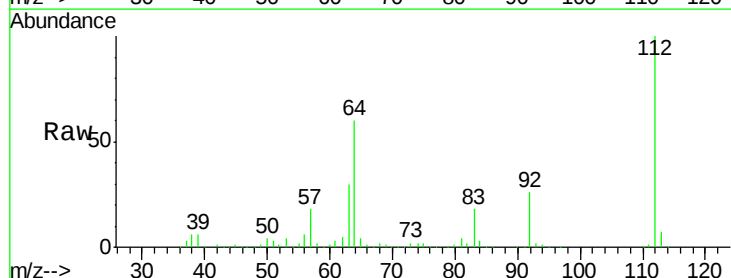
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



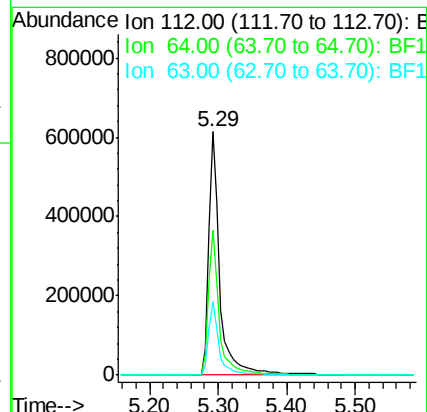
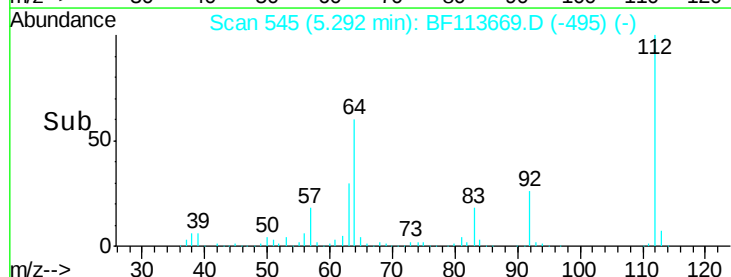
#5

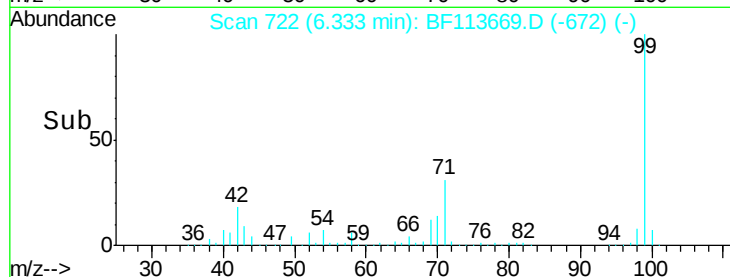
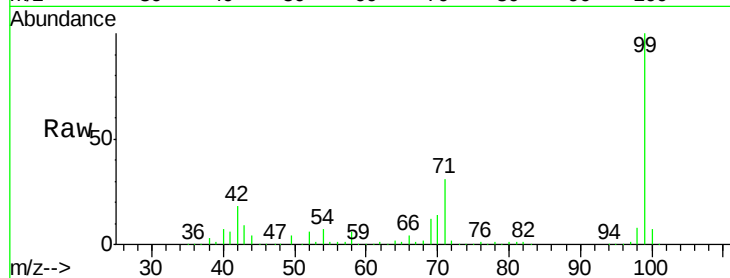
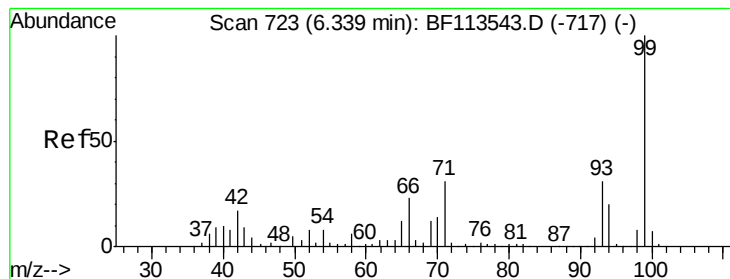
2-Fluorophenol
Concen: 100.242 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113669.D
Acq: 9 Apr 2019 18:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	49.2	73.8
63	30.4	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: 105.876 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113669.D

Acq: 9 Apr 2019 18:59

Instrument :

BNA_F

ClientSampled :

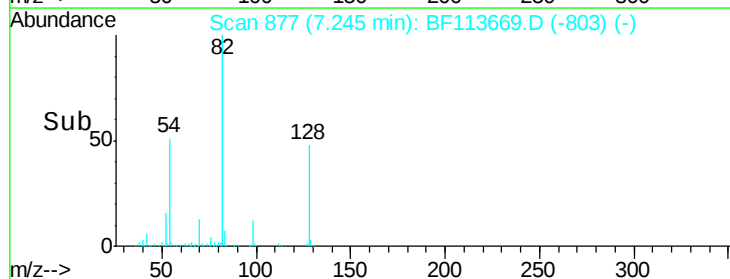
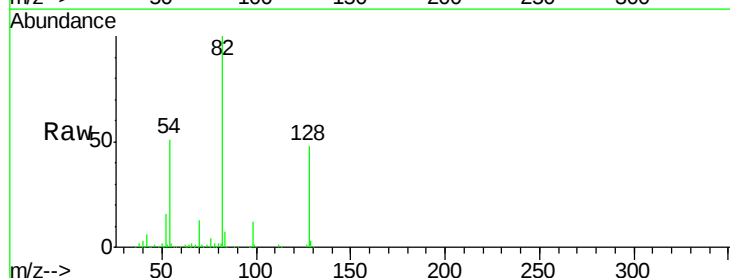
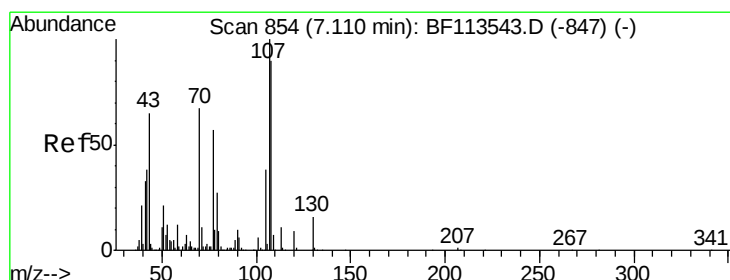
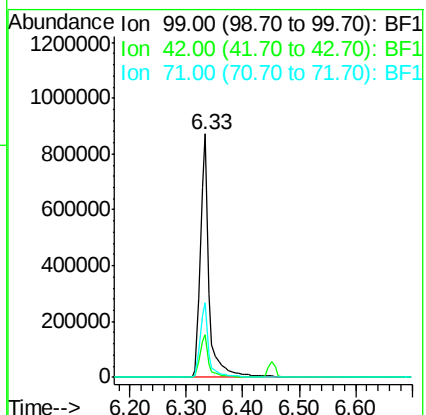
Tot Ion: 99 Resp: 938004

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

71 30.8 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.040 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113669.D

Acq: 9 Apr 2019 18:59

Tgt Ion: 70 Resp: 71237

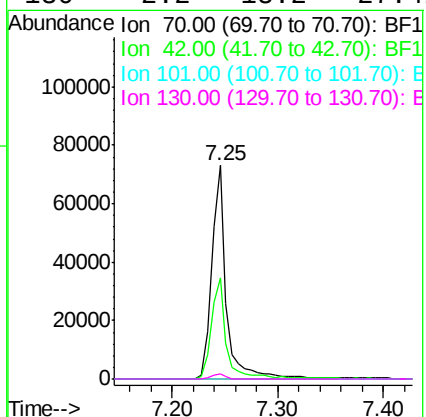
Ion Ratio Lower Upper

70 100

42 47.4 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

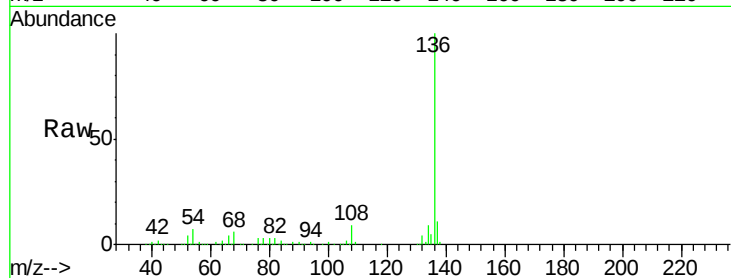




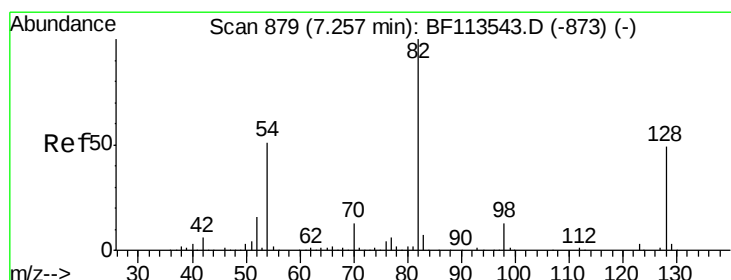
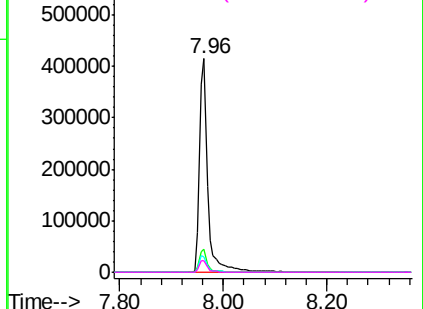
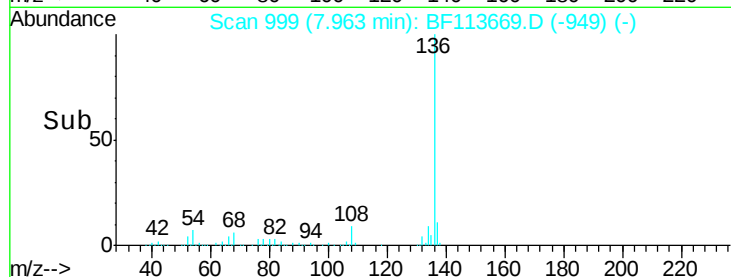
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113669.D
Acq: 9 Apr 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	450711
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	7.2	7.0 10.6
68	5.7	4.8 7.2

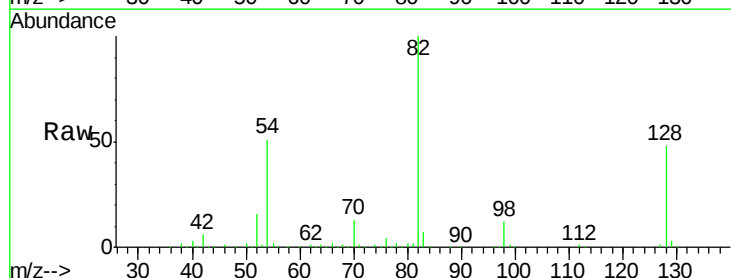


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

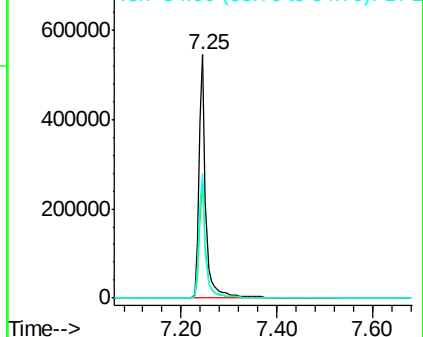
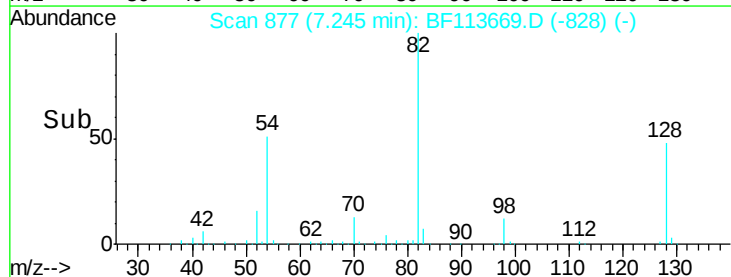


#23
Nitrobenzene-d5
Concen: 72.025 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113669.D
Acq: 9 Apr 2019 18:59

Tgt Ion: 82	Resp:	554203
Ion	Ratio	Lower Upper
82	100	
128	48.2	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

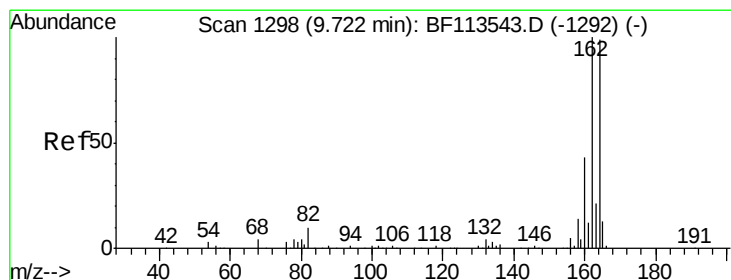
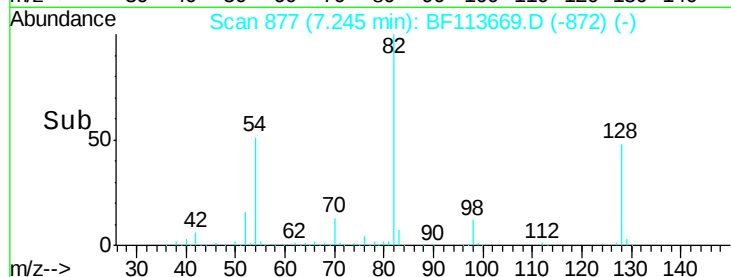
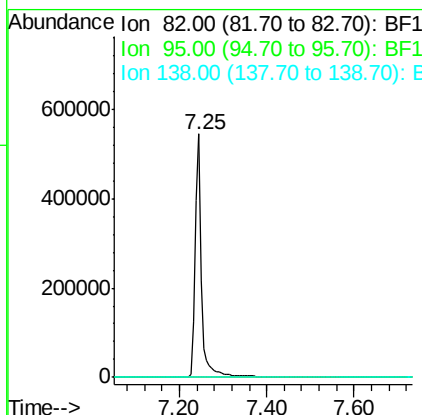
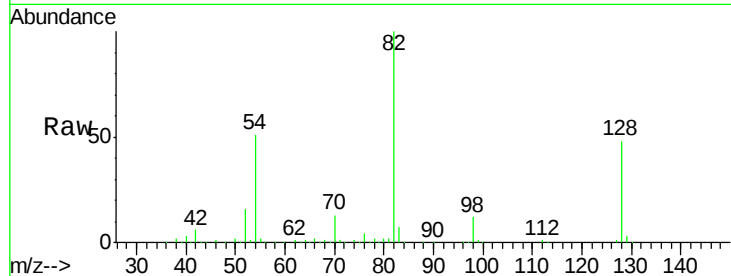




#25
Isophorone
Concen: 37.455 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.27 min
Lab File: BF113669.D
Acq: 9 Apr 2019 18:59

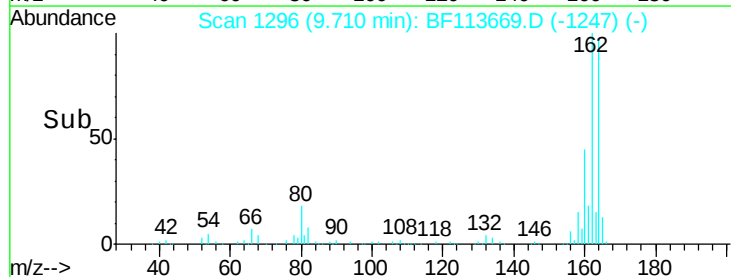
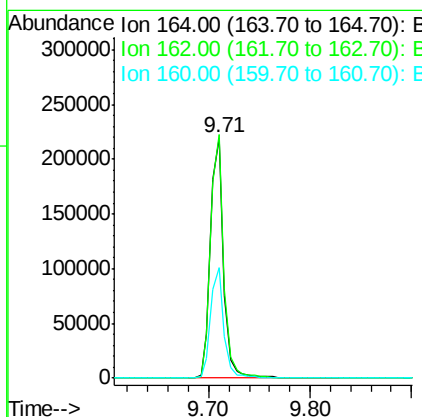
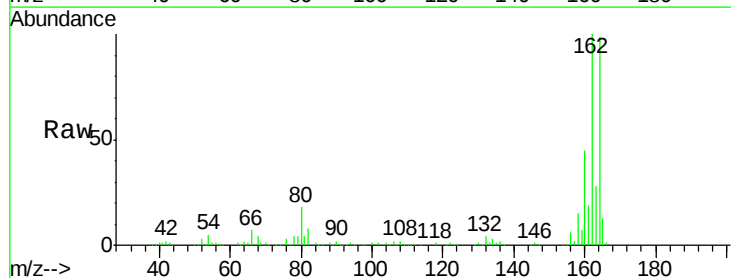
Instrument :
BNA_F
ClientSampleId :

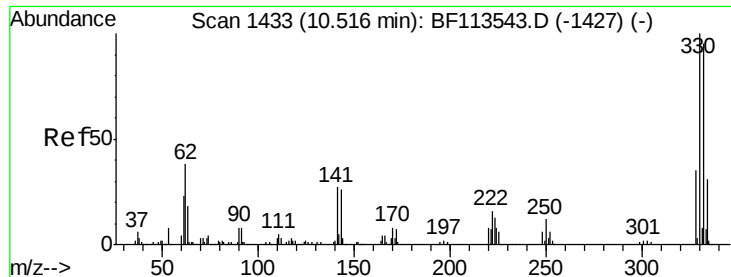
Tot Ion: 82 Resp: 555173
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113669.D
Acq: 9 Apr 2019 18:59

Tgt Ion:164 Resp: 197001
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 45.9 36.4 54.6

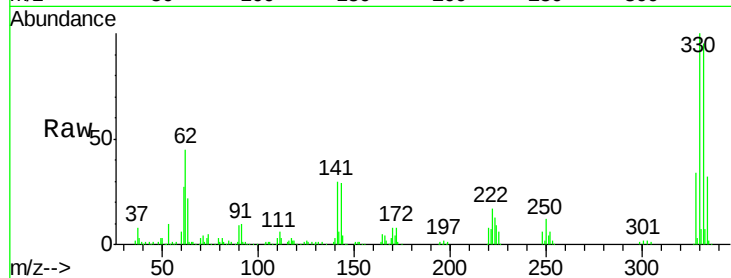




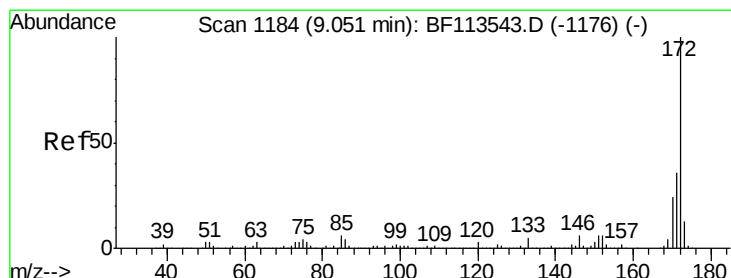
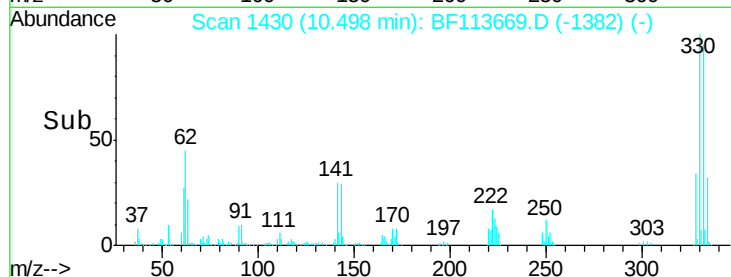
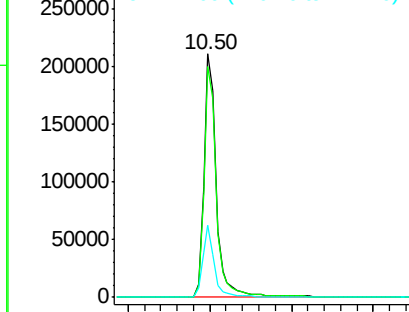
#42
 2,4,6-Tribromophenol
 Concen: 95.361 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113669.D
 Acq: 9 Apr 2019 18:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	27.8	22.7	34.1

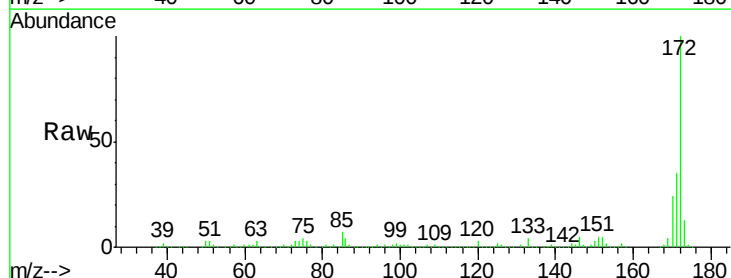


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

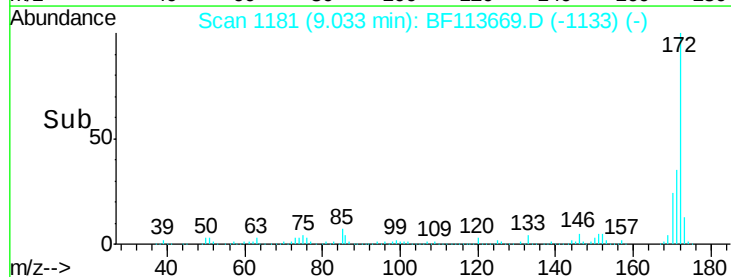
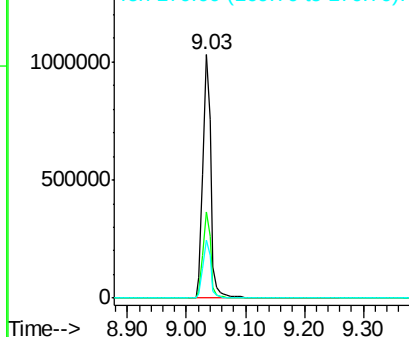


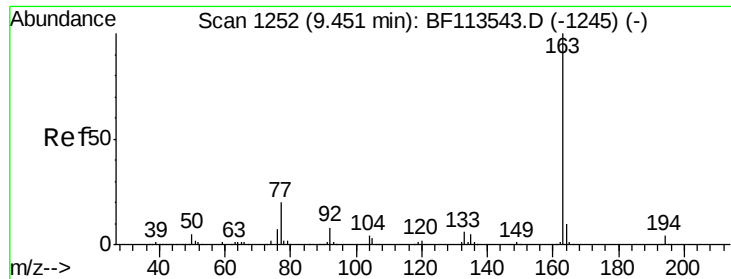
#45
 2-Fluorobiphenyl
 Concen: 77.921 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113669.D
 Acq: 9 Apr 2019 18:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.0	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: 7.731 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113669.D

Acq: 9 Apr 2019 18:59

Instrument :

BNA_F

ClientSampled :

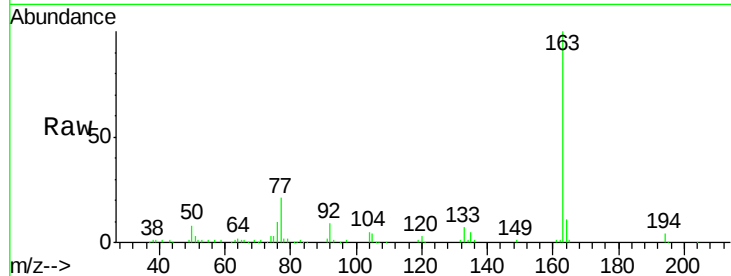
Tot Ion:163 Resp: 112262

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

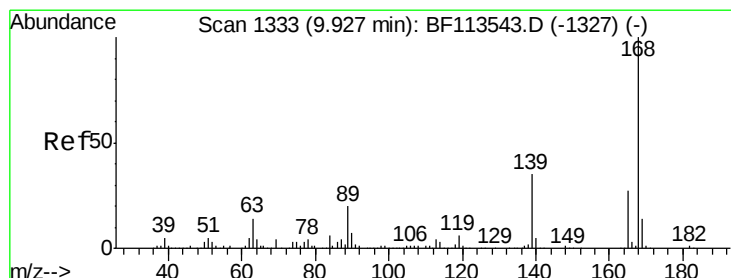
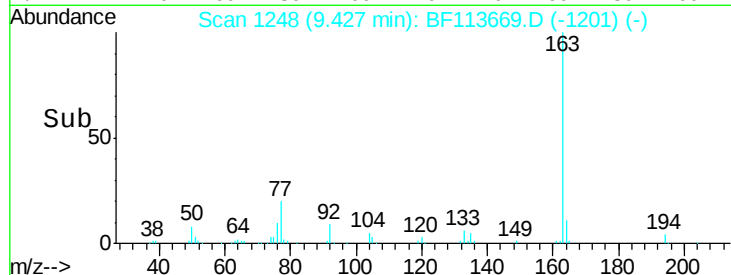
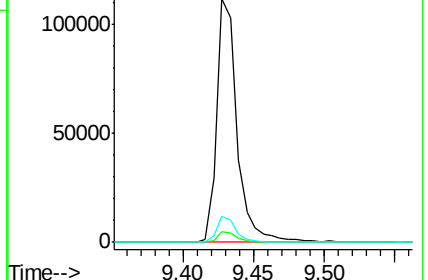
164 10.8 8.1 12.1



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



#57

2,4-Dinitrotoluene

Concen: 6.537 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113669.D

Acq: 9 Apr 2019 18:59

Tgt Ion:165 Resp: 25307

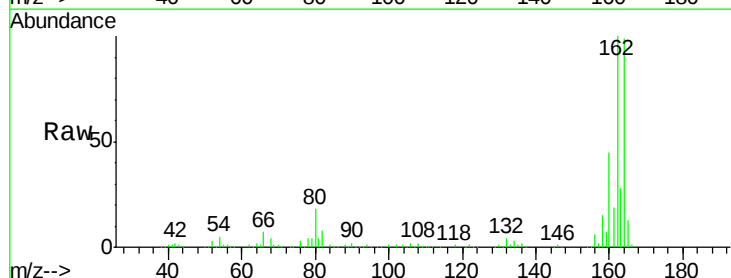
Ion Ratio Lower Upper

165 100

63 1.2 37.5 56.3#

89 1.5 57.4 86.2#

182 0.0 2.0 3.0#

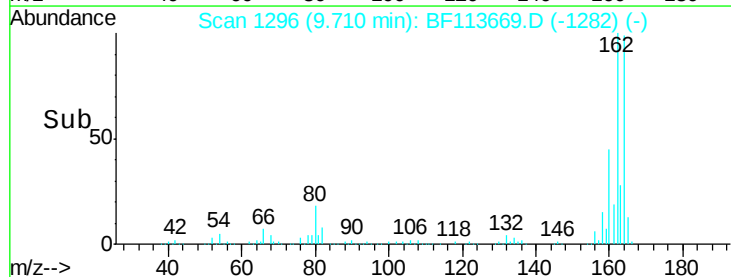
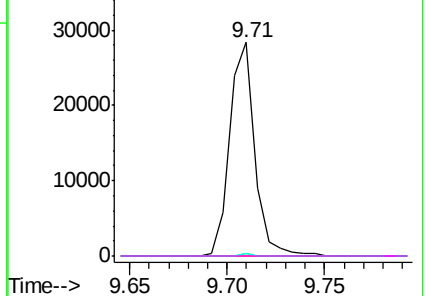


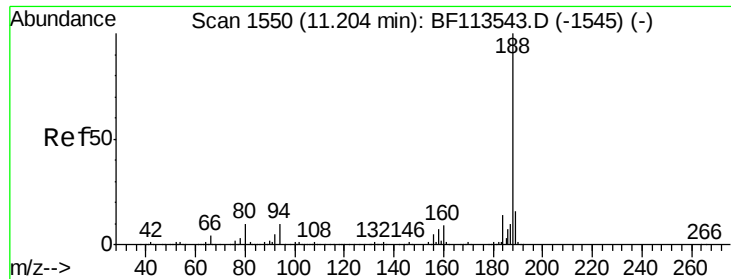
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113669.D

Acq: 9 Apr 2019 18:59

Instrument :

BNA_F

ClientSampleId :

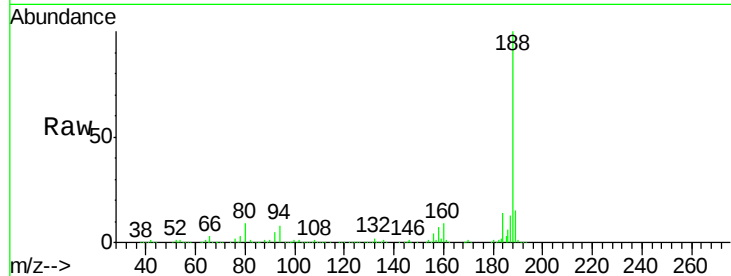
Tot Ion:188 Resp: 335271

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

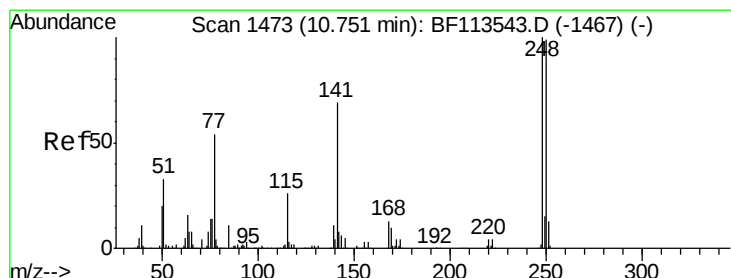
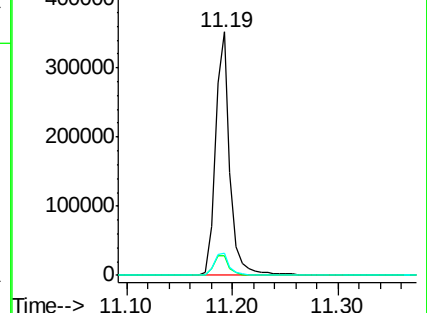
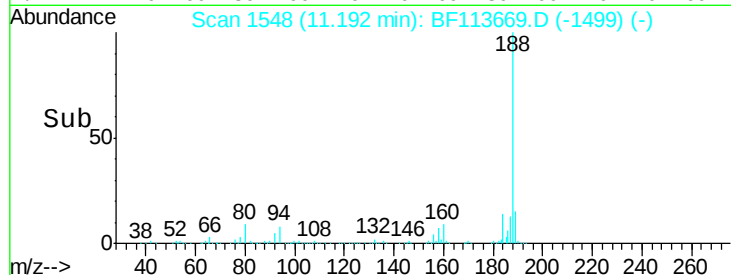
80 9.0 7.7 11.5



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: 3.367 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.25 min

Lab File: BF113669.D

Acq: 9 Apr 2019 18:59

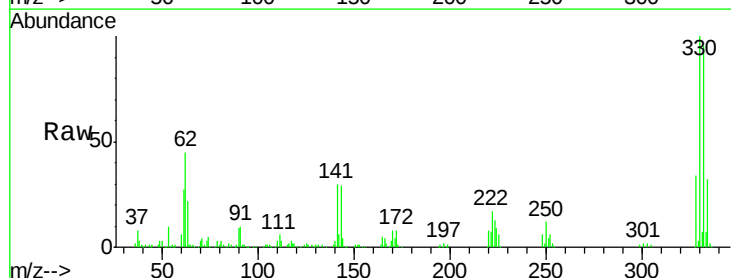
Tgt Ion:248 Resp: 12660

Ion Ratio Lower Upper

248 100

250 189.4 78.3 117.5#

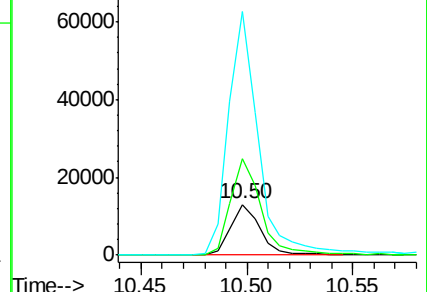
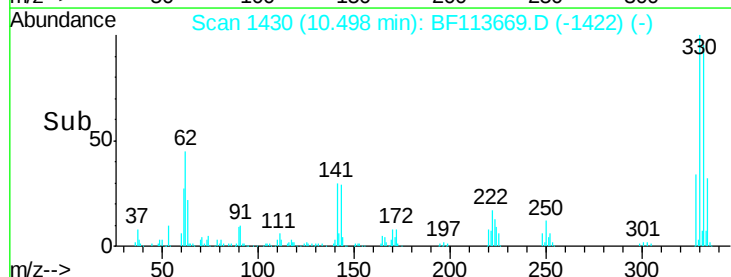
141 480.6 56.2 84.4#

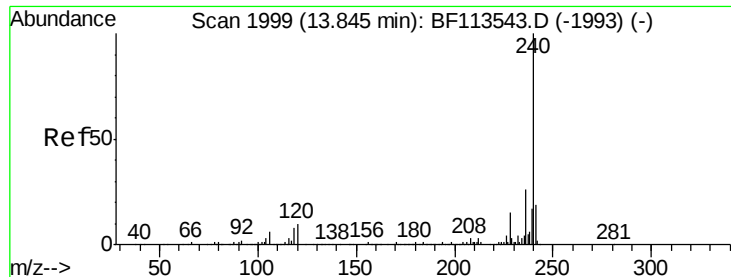


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

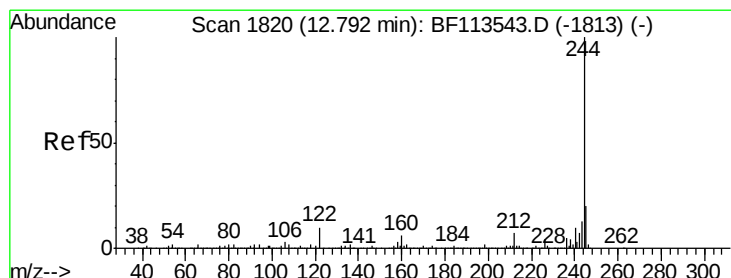
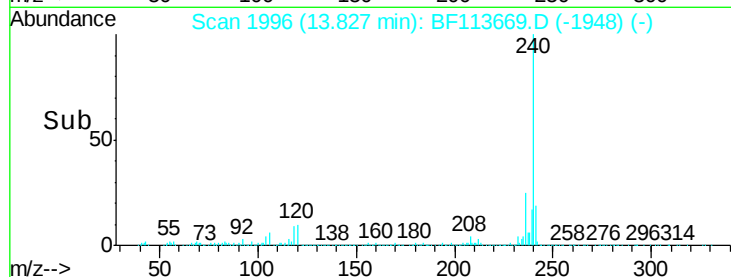
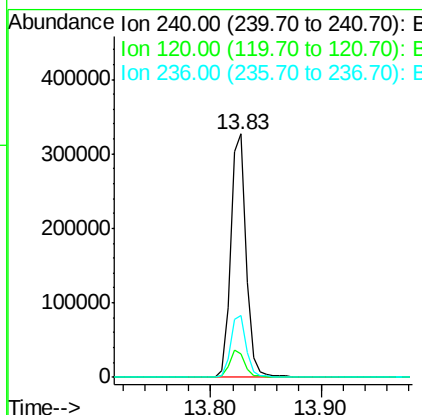
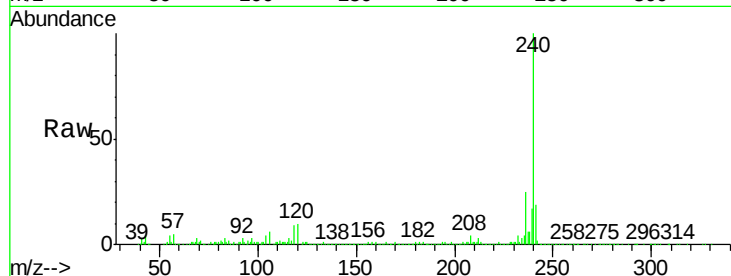




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113669.D
 Acq: 9 Apr 2019 18:59

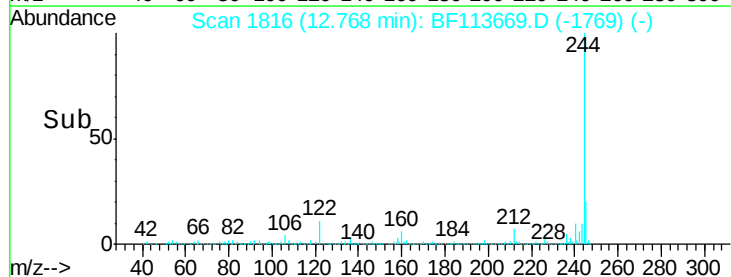
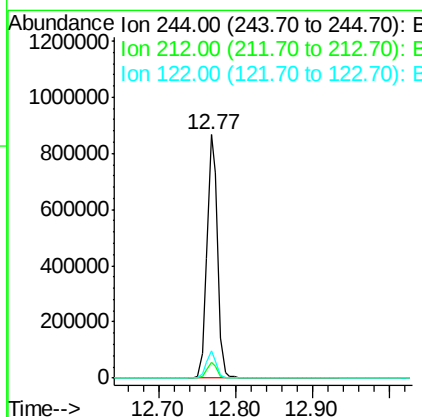
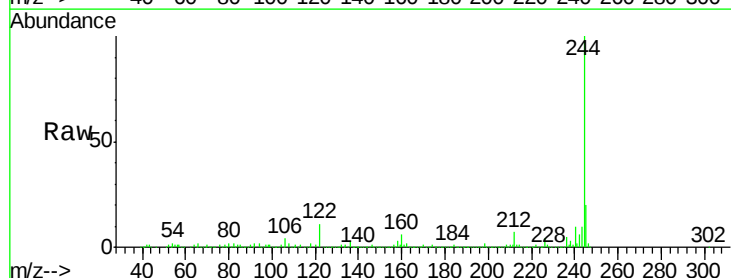
Instrument :
 BNA_F
 ClientSampleId :

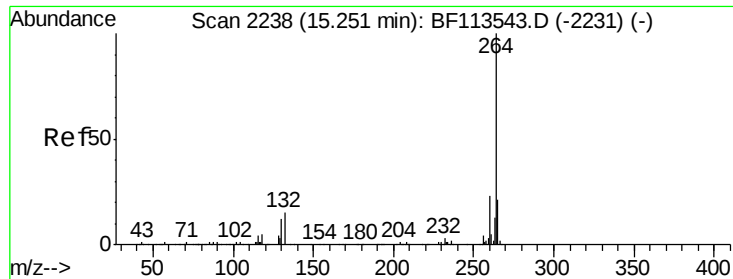
Tot Ion:240 Resp: 319840
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.8 13.2
 236 25.4 20.9 31.3



#79
 Terphenyl-d14
 Concen: 51.971 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113669.D
 Acq: 9 Apr 2019 18:59

Tgt Ion:244 Resp: 816422
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.3 8.6 13.0

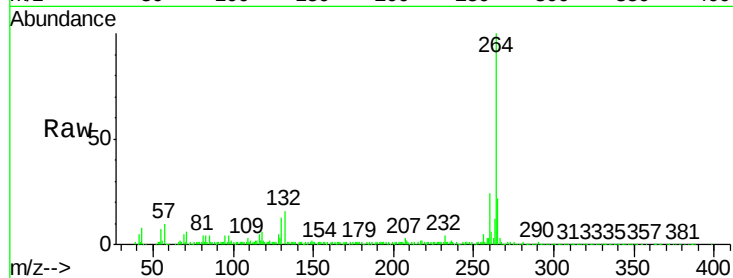




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113669.D
Acq: 9 Apr 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.1	17.1	25.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

