

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111807.D
 Acq On : 2 Jan 2019 13:21
 Operator : JU/SJ
 Sample : PB116085BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 14:20:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

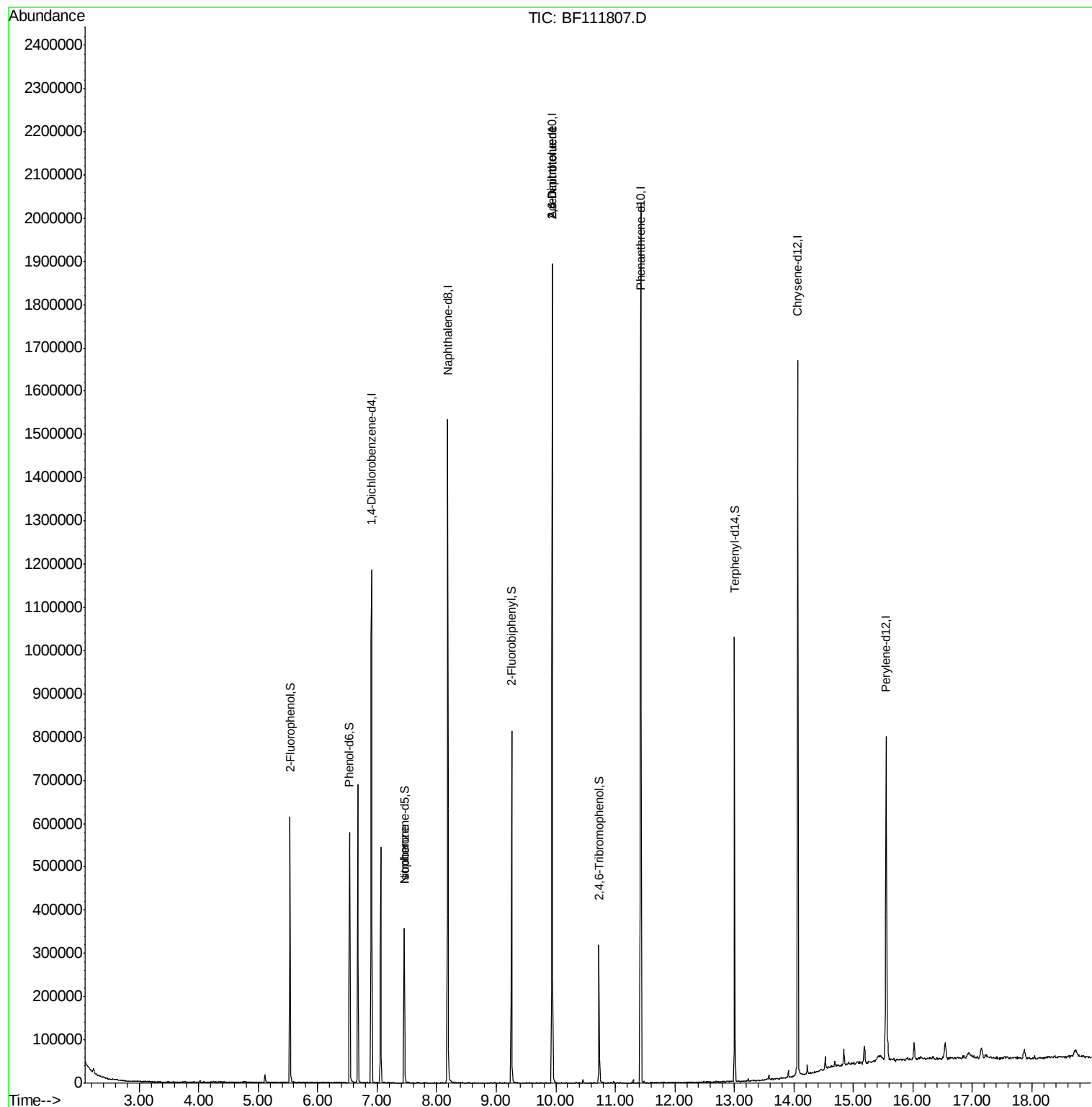
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	175563	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	684903	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	363561	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	718431	20.00	ng	0.01
76) Chrysene-d12	14.06	240	555183	20.00	ng	0.01
87) Perylene-d12	15.55	264	368607	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	145027	14.08	ng	0.02
7) Phenol-d6	6.53	99	188756	14.40	ng	0.01
23) Nitrobenzene-d5	7.46	82	115406	9.81	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	40573	9.44	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	260569	10.45	ng	0.00
79) Terphenyl-d14	13.00	244	317877	10.86	ng	0.00
Target Compounds						
25) Isophorone	7.46	82	115189	5.514	ng	# 64
51) 2,6-Dinitrotoluene	9.94	165	46582	8.787	ng	# 29
57) 2,4-Dinitrotoluene	9.94	165	46582	7.311	ng	# 25

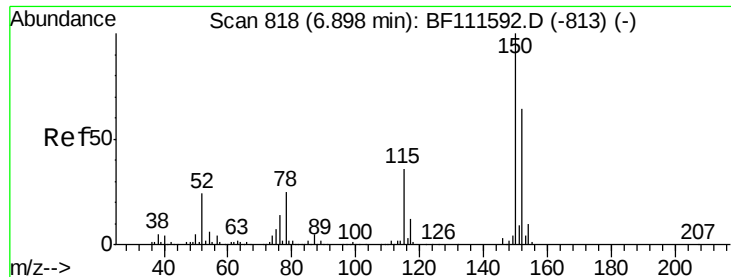
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
Data File : BF111807.D
Acq On : 2 Jan 2019 13:21
Operator : JU/SJ
Sample : PB116085BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 02 14:20:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



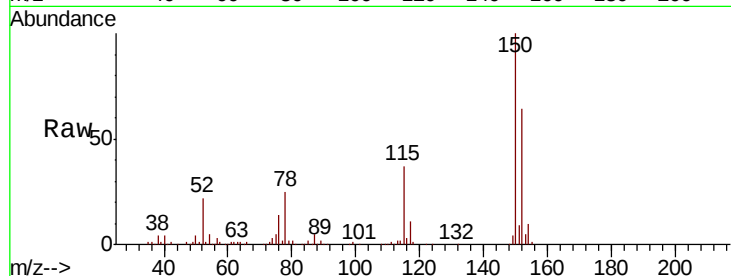


#1

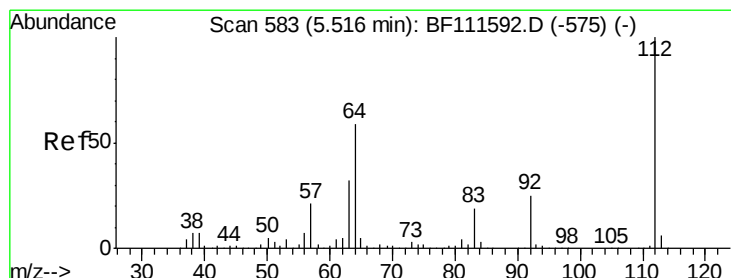
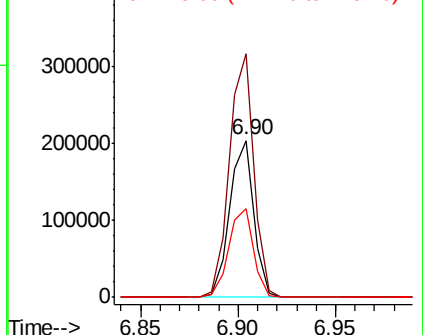
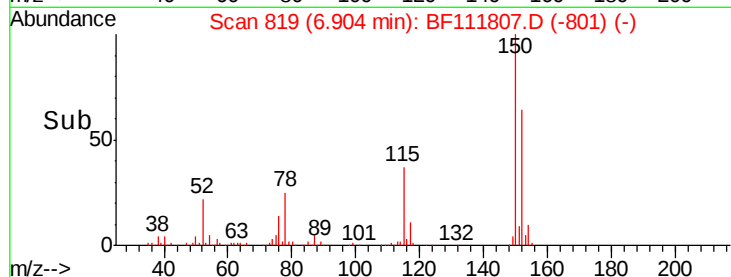
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111807.D
Acq: 2 Jan 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 175563
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 56.9 50.7 76.1



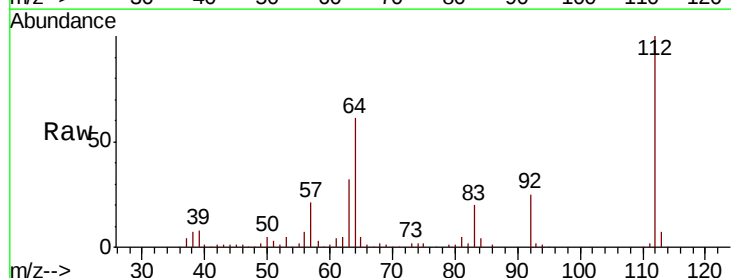
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



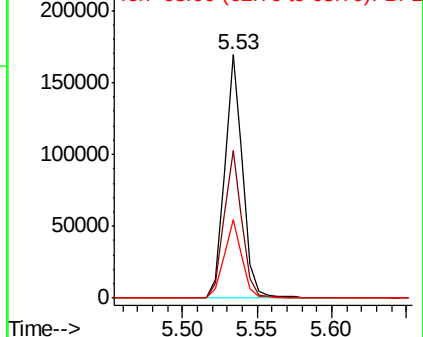
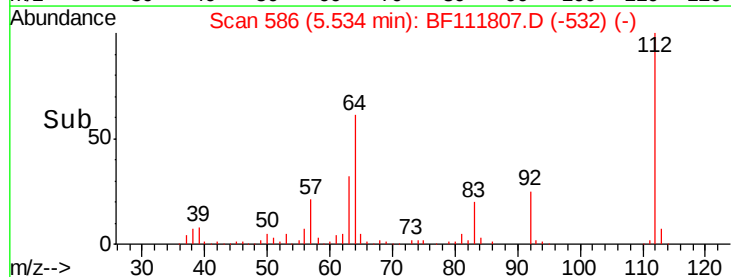
#5

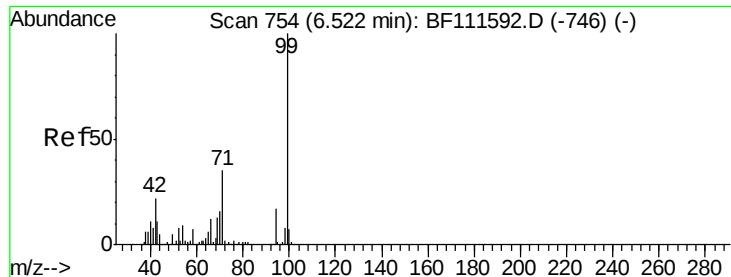
2-Fluorophenol
Concen: 14.081 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111807.D
Acq: 2 Jan 2019 13:21

Tgt Ion:112 Resp: 145027
Ion Ratio Lower Upper
112 100
64 60.8 51.8 77.6
63 32.5 26.8 40.2



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: 14.400 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

Instrument :

BNA_F

ClientSampled :

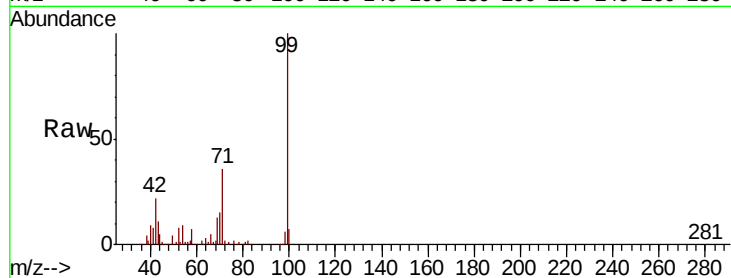
Tot Ion: 99 Resp: 188756

Ion Ratio Lower Upper

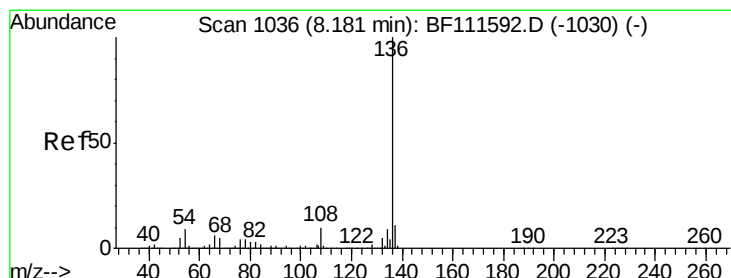
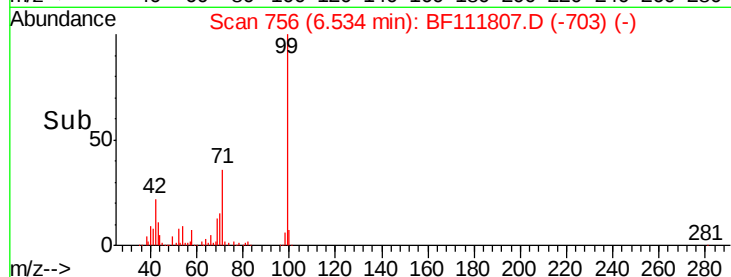
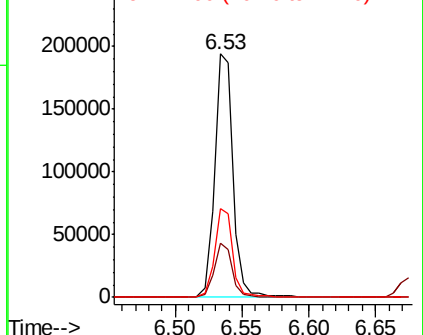
99 100

42 22.3 17.4 26.0

71 36.4 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

Tgt Ion: 136 Resp: 684903

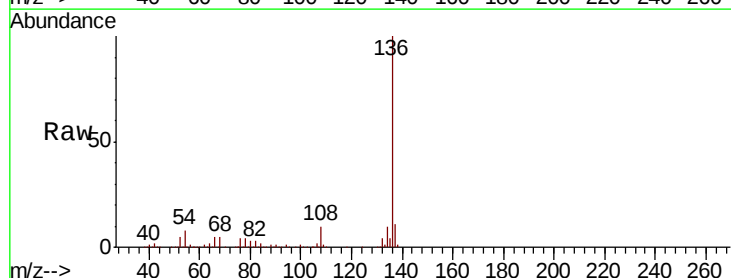
Ion Ratio Lower Upper

136 100

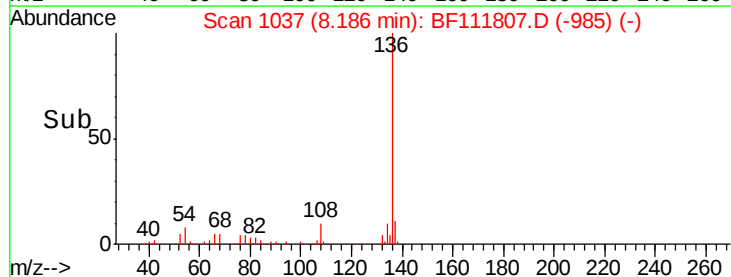
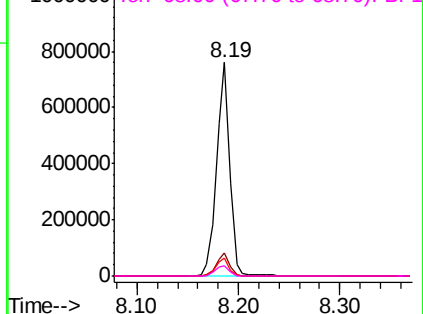
137 10.7 9.1 13.7

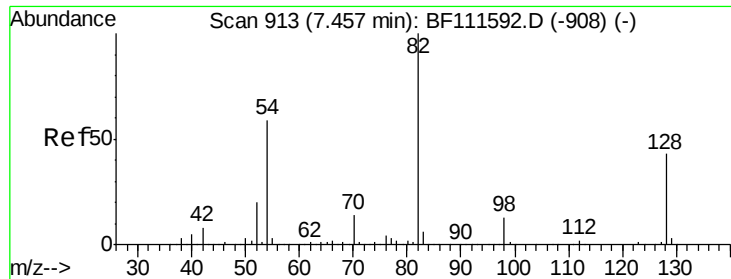
54 8.2 7.7 11.5

68 4.6 4.9 7.3#



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

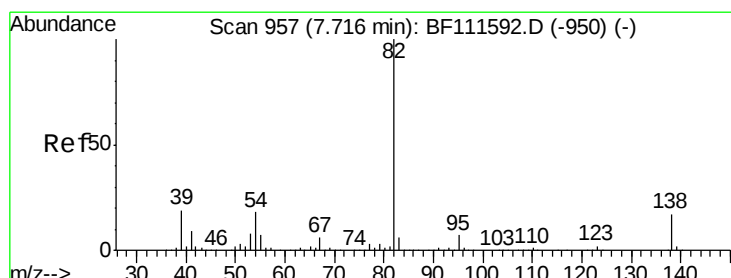
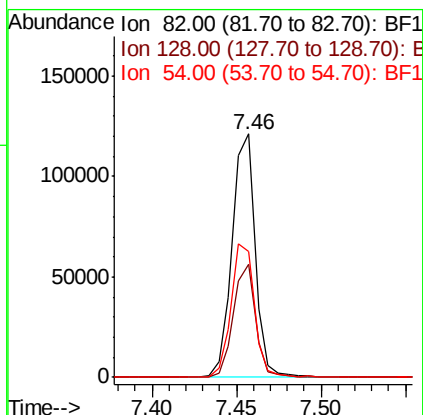
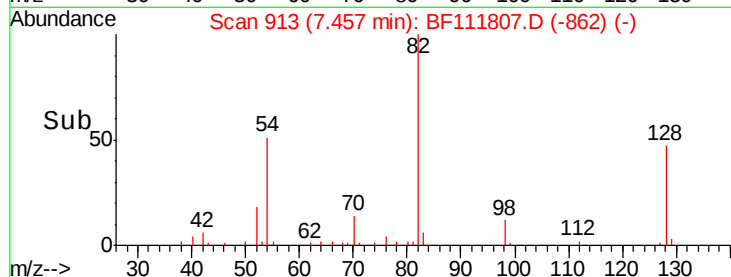
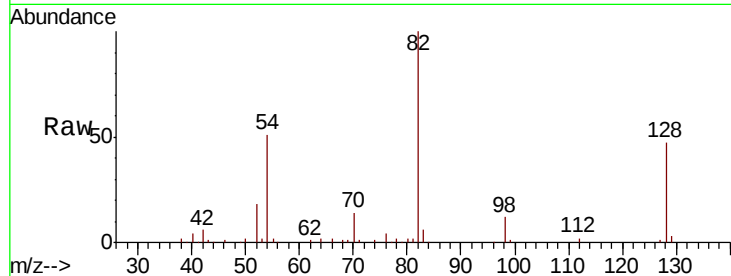




#23
Nitrobenzene-d5
Concen: 9.808 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111807.D
Acq: 2 Jan 2019 13:21

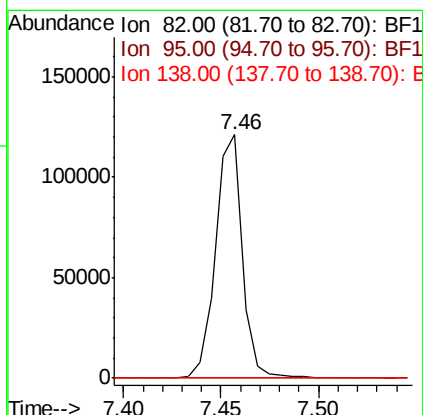
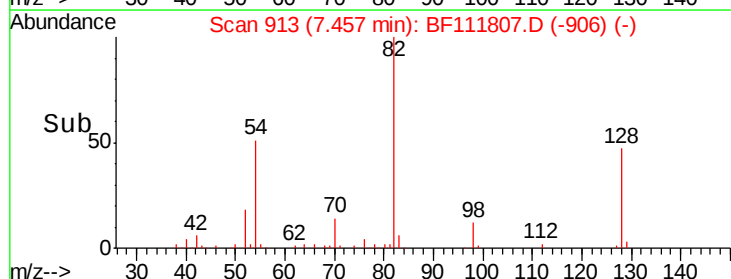
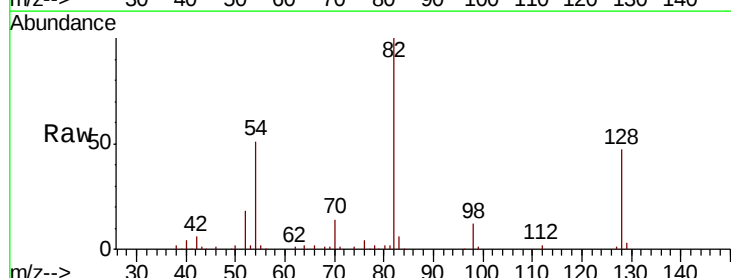
Instrument :
BNA_F
ClientSampleId :

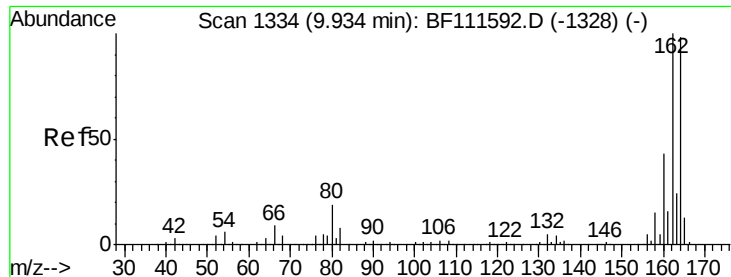
Tot Ion: 82 Resp: 115406
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.2
54 51.5 47.6 71.4



#25
Isophorone
Concen: 5.514 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111807.D
Acq: 2 Jan 2019 13:21

Tgt Ion: 82 Resp: 115189
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

Instrument :

BNA_F

ClientSampled :

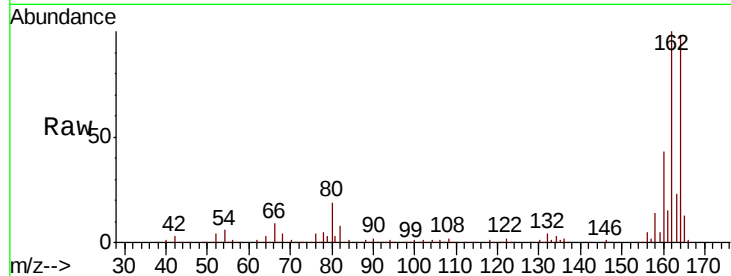
Tot Ion:164 Resp: 363561

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

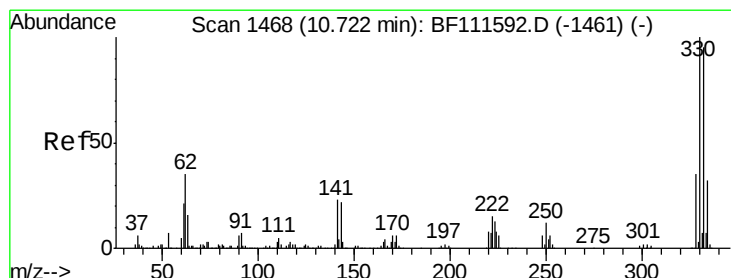
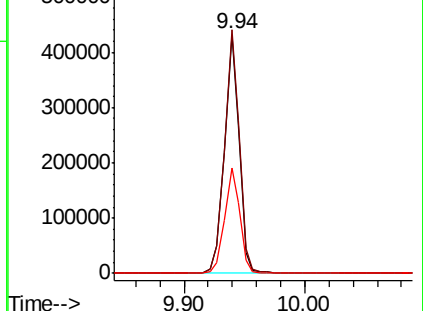
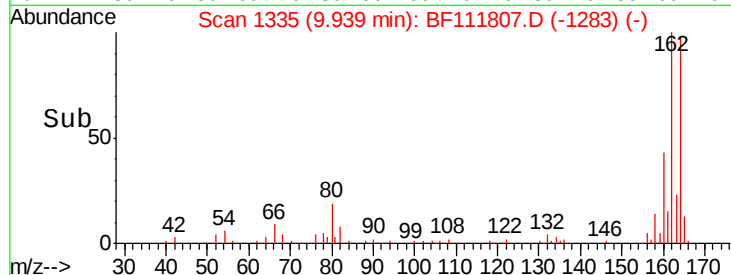
160 43.9 35.7 53.5



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: 9.445 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

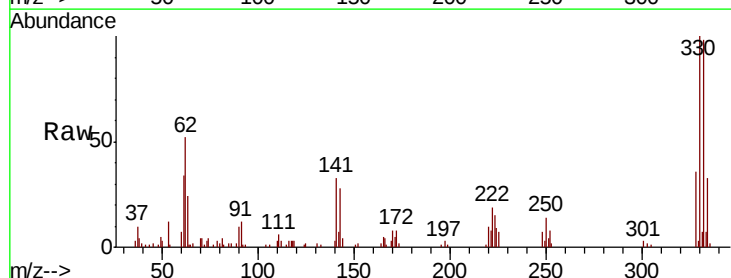
Tgt Ion:330 Resp: 40573

Ion Ratio Lower Upper

330 100

332 94.6 76.0 114.0

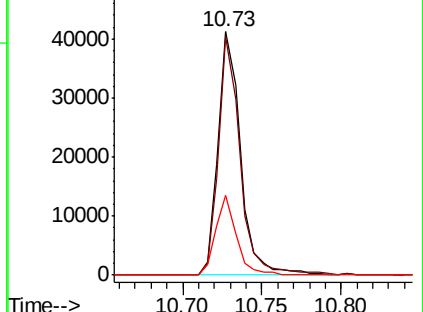
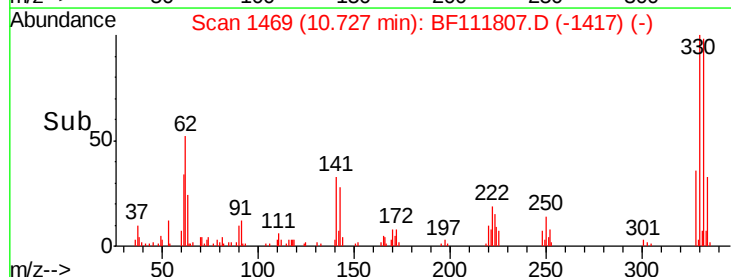
141 30.0 31.0 46.6#

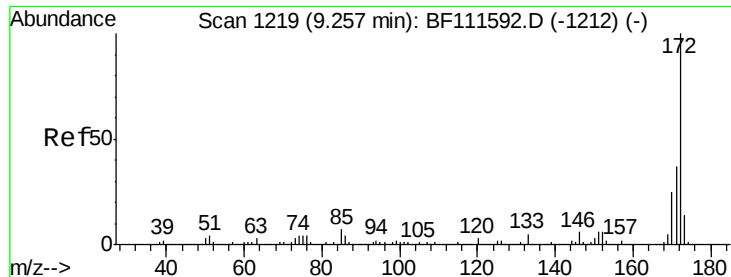


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

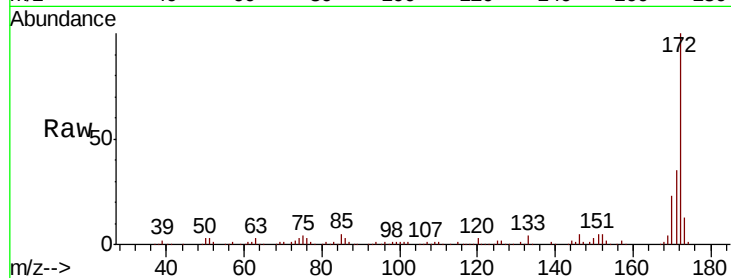




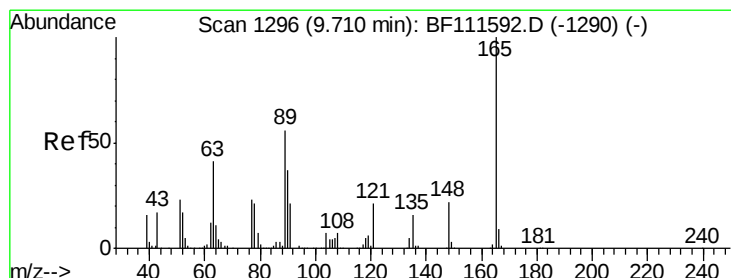
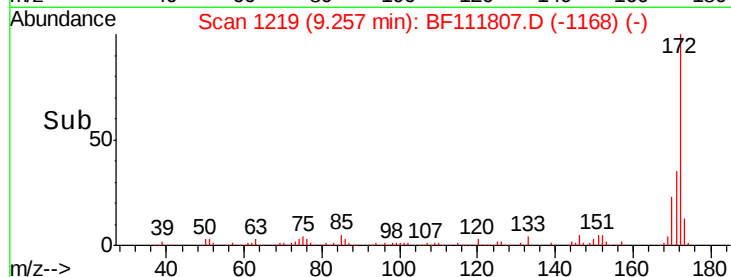
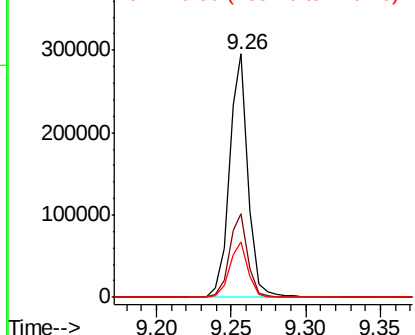
#45
 2-Fluorobiphenyl
 Concen: 10.447 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111807.D
 Acq: 2 Jan 2019 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	33.0	49.4
170	22.9	22.3	33.5

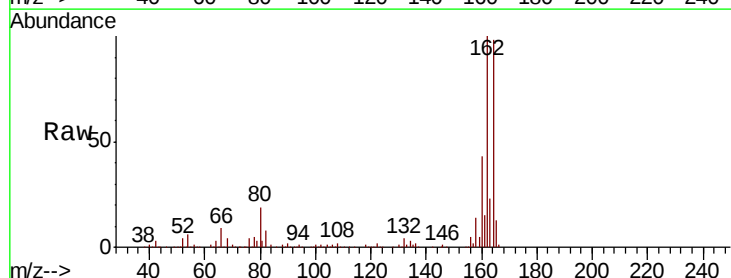


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

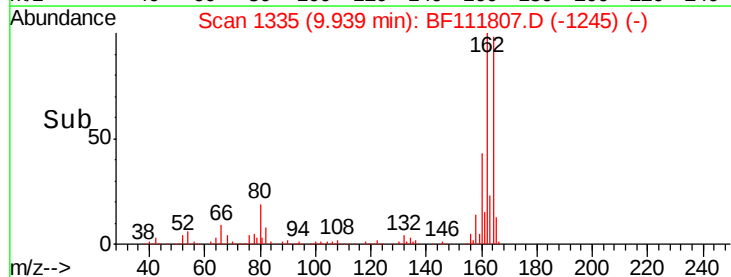
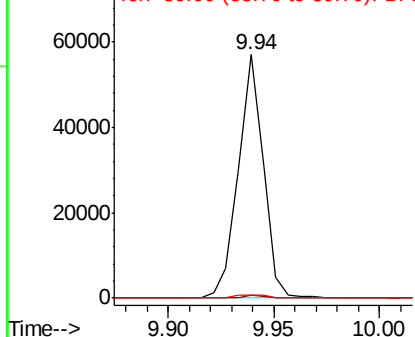


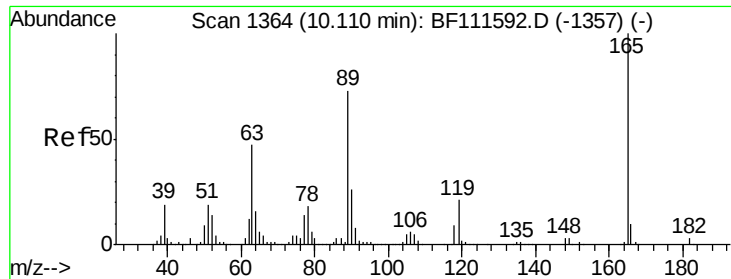
#51
 2,6-Dinitrotoluene
 Concen: 8.787 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.23 min
 Lab File: BF111807.D
 Acq: 2 Jan 2019 13:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.3	40.0	60.0#



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

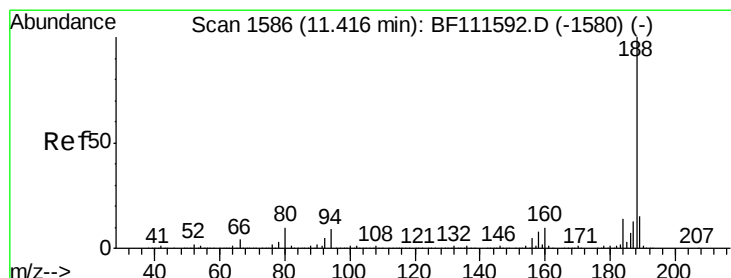
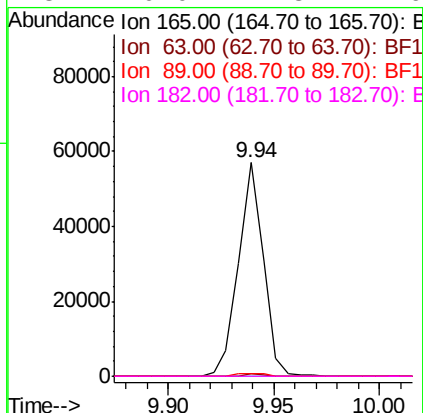
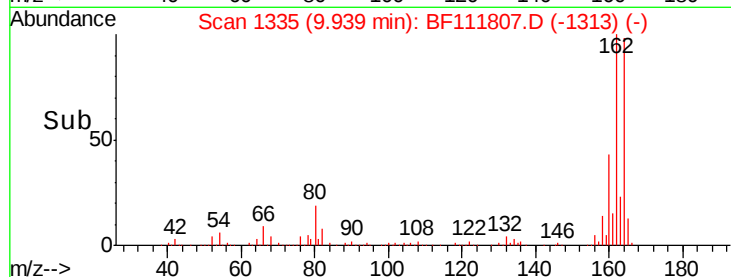
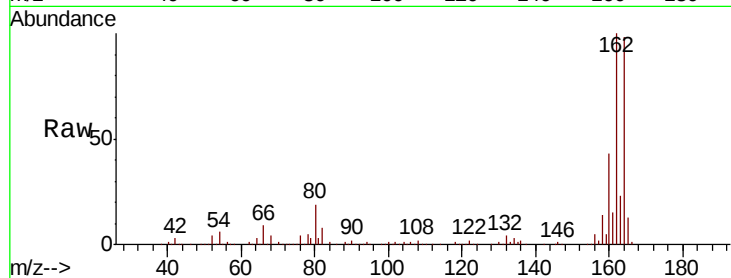




#57
 2,4-Dinitrotoluene
 Concen: 7.311 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF111807.D
 Acq: 2 Jan 2019 13:21

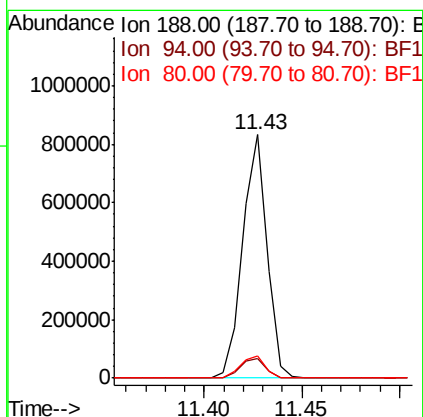
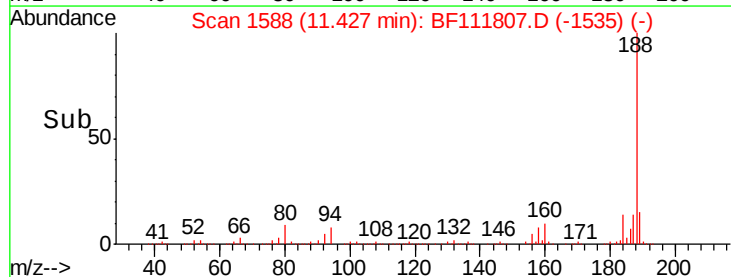
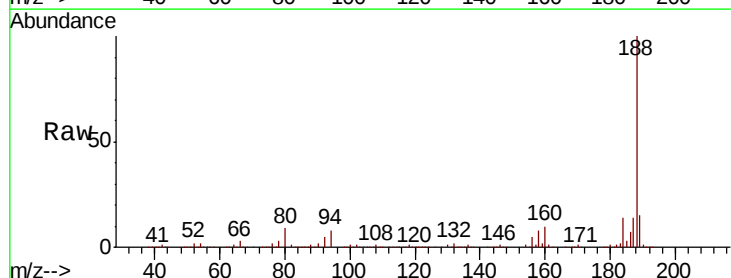
Instrument :
 BNA_F
 ClientSampleId :

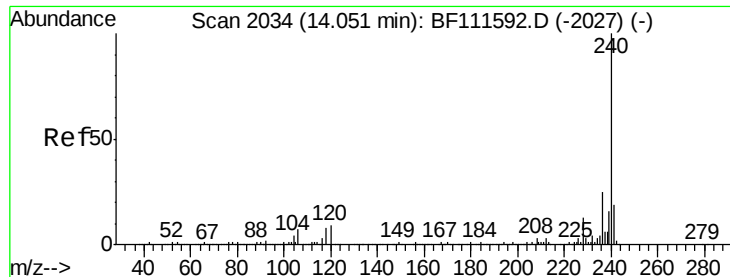
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111807.D
 Acq: 2 Jan 2019 13:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.6	14.4#
80	9.3	9.8	14.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

Instrument :

BNA_F

ClientSampleId :

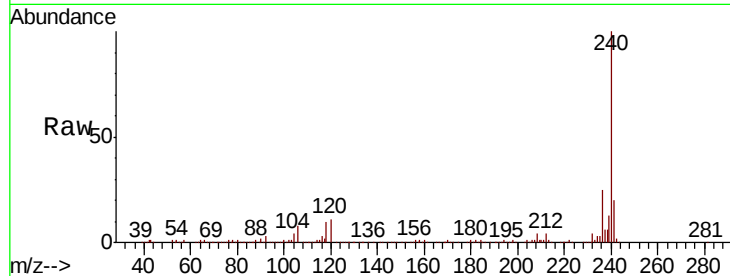
Tot Ion:240 Resp: 555183

Ion Ratio Lower Upper

240 100

120 10.9 12.2 18.2#

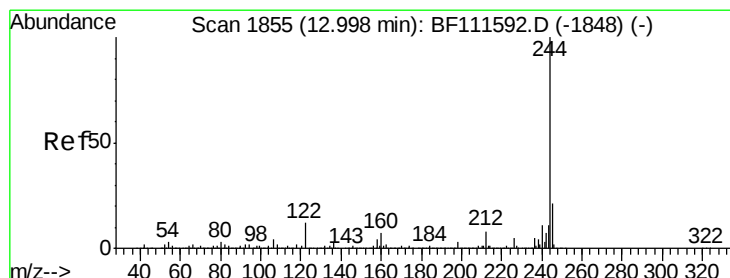
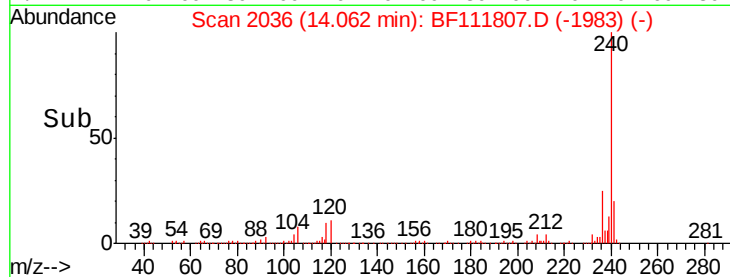
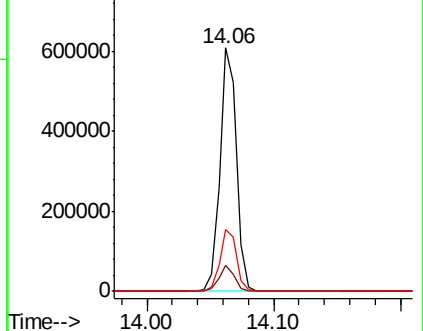
236 25.3 20.2 30.2



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: 10.858 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

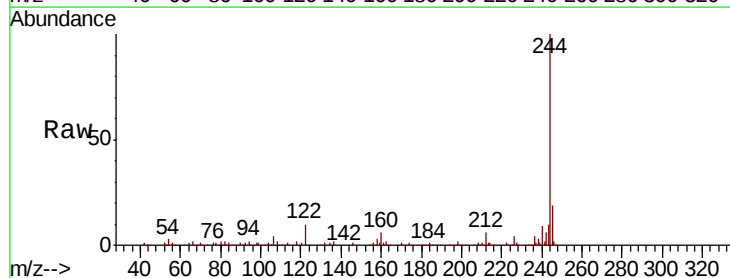
Tgt Ion:244 Resp: 317877

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

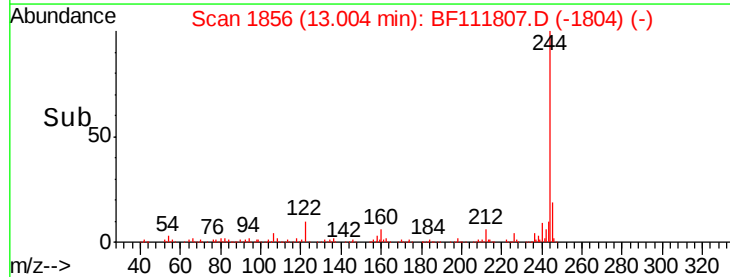
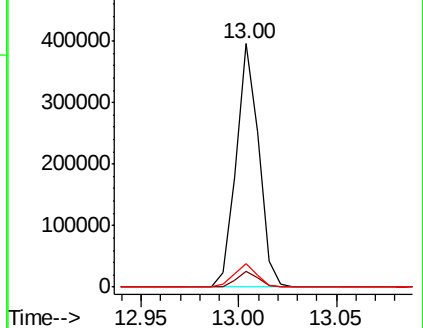
122 9.8 13.1 19.7#

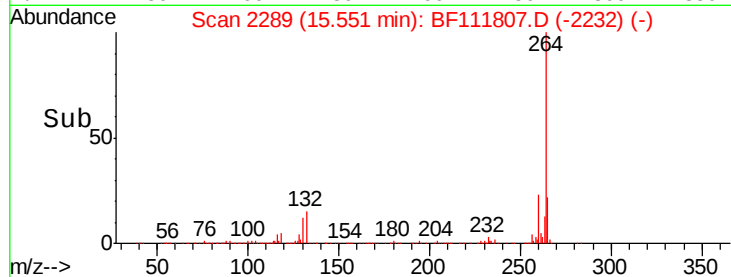
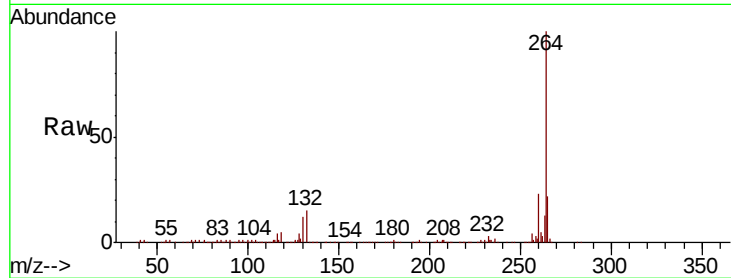
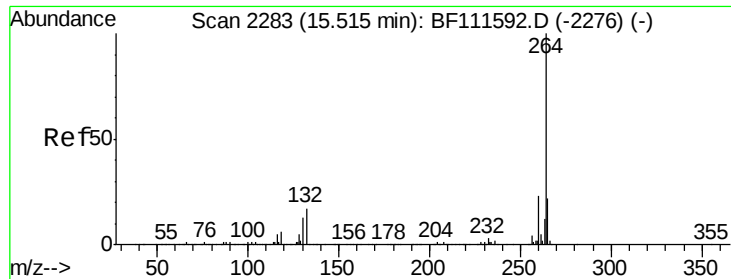


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111807.D
Acq: 2 Jan 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.5	17.7	26.5

