

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111891.D
 Acq On : 7 Jan 2019 21:58
 Operator : JU/SJ
 Sample : K1034-03 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 04:06:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

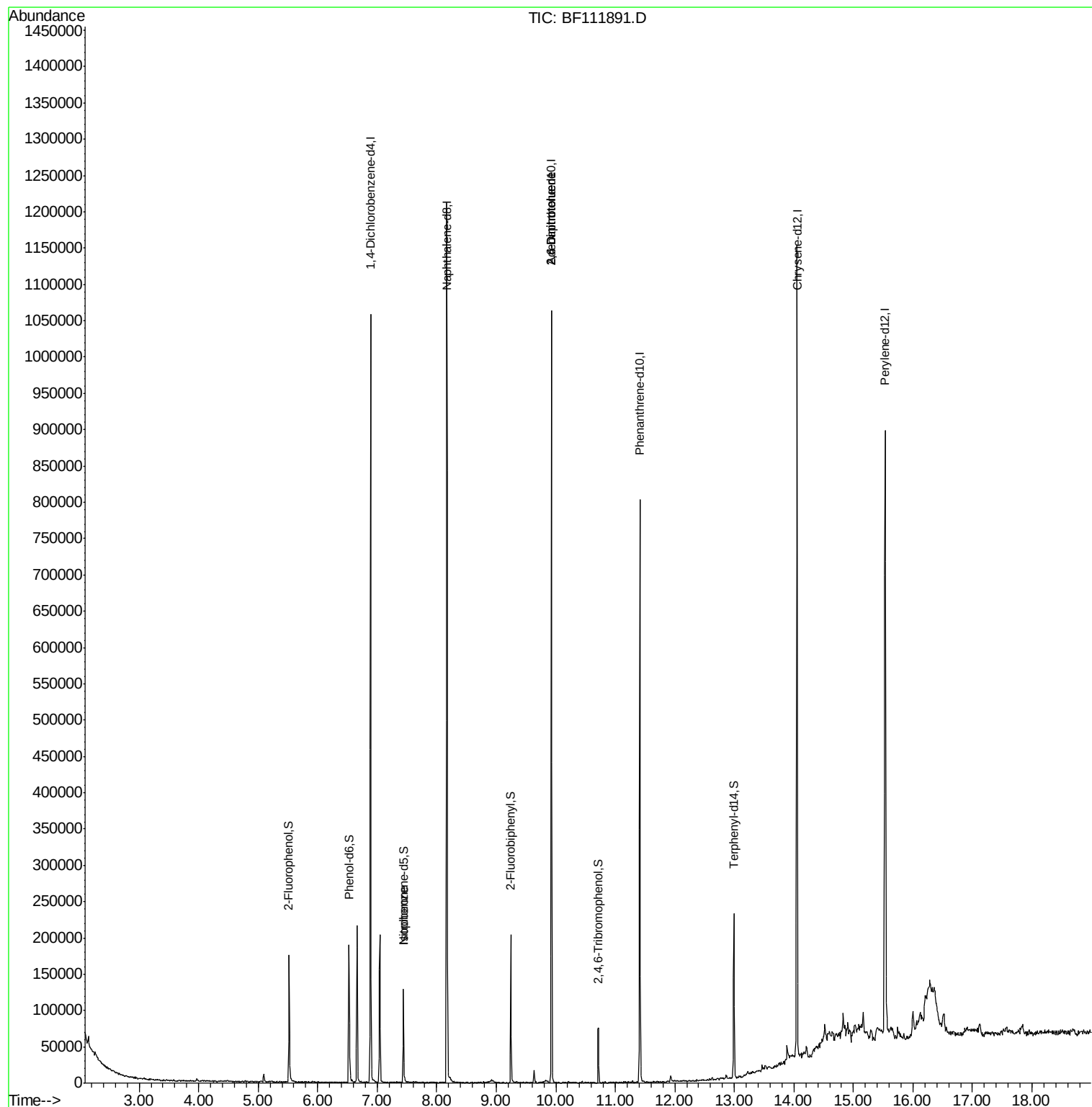
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	150563	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	512927	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	199100	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	294801	20.00	ng	0.00
76) Chrysene-d12	14.05	240	362249	20.00	ng	0.00
87) Perylene-d12	15.53	264	391923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	51754	5.88	ng	0.00
7) Phenol-d6	6.53	99	65290	5.76	ng	0.00
23) Nitrobenzene-d5	7.44	82	39503	4.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	10374	4.01	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	71103	5.21	ng	0.00
79) Terphenyl-d14	12.99	244	71319	3.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	1179	Below Cal	Qvalue #	61
25) Isophorone	7.44	82	39510	2.542 ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	24605	7.357 ng	#	26
57) 2,4-Dinitrotoluene	9.93	165	24605	5.693 ng	#	27

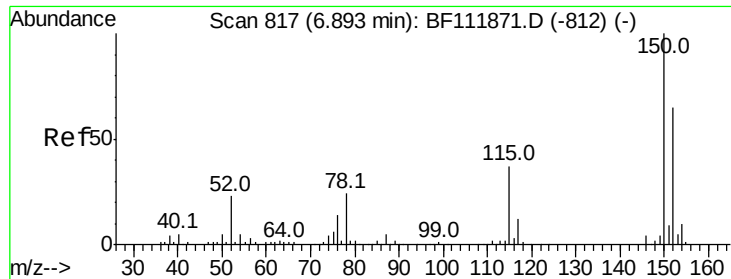
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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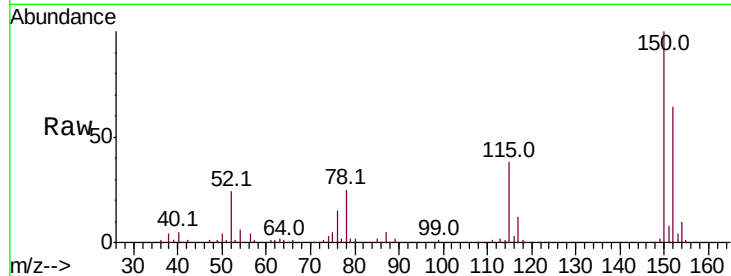


#1

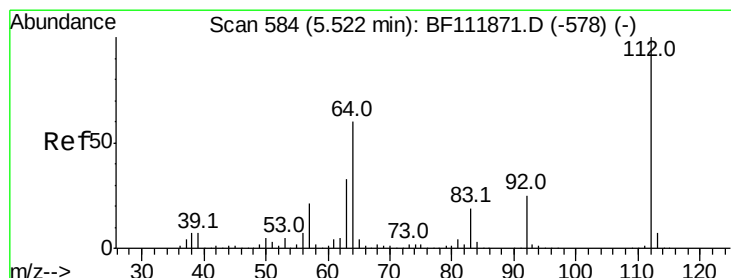
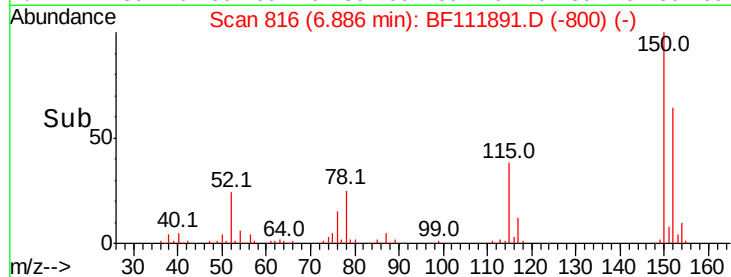
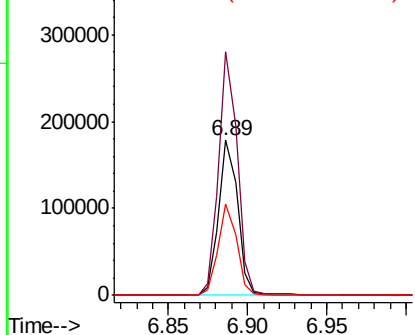
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111891.D
Acq: 7 Jan 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150563
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 58.9 45.2 67.8



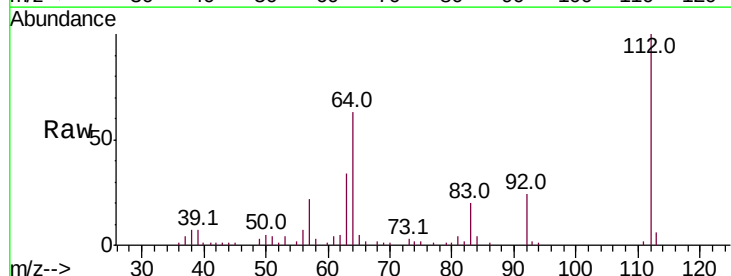
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



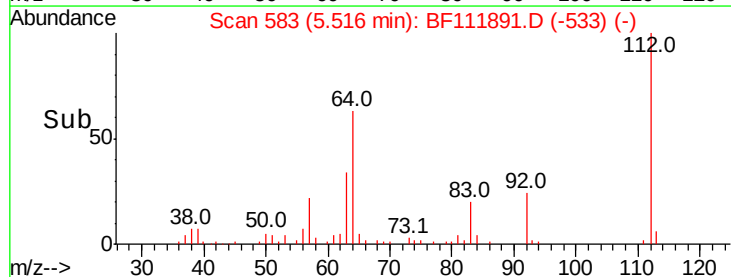
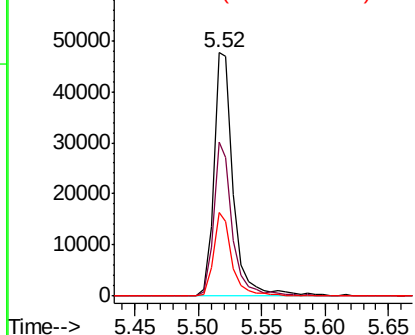
#5

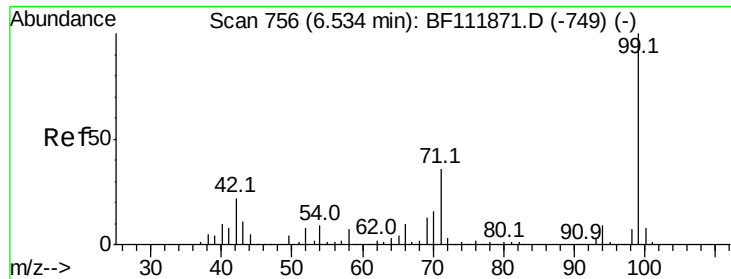
2-Fluorophenol
Concen: 5.881 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111891.D
Acq: 7 Jan 2019 21:58

Tgt Ion:112 Resp: 51754
Ion Ratio Lower Upper
112 100
64 63.3 48.3 72.5
63 34.4 26.1 39.1



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: 5.756 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111891.D

Acq: 7 Jan 2019 21:58

Instrument :

BNA_F

ClientSampleId :

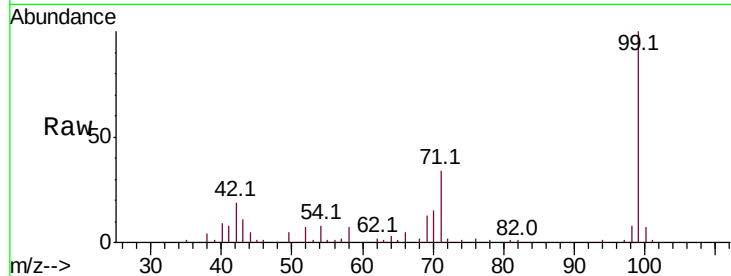
Tot Ion: 99 Resp: 65290

Ion Ratio Lower Upper

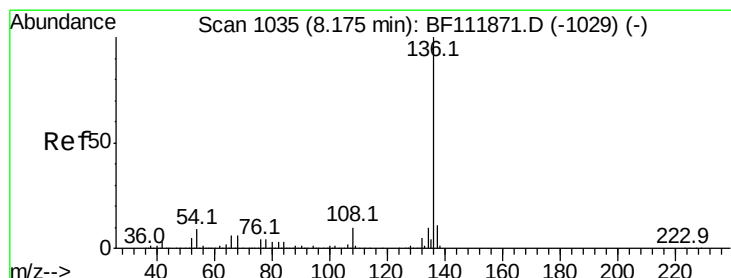
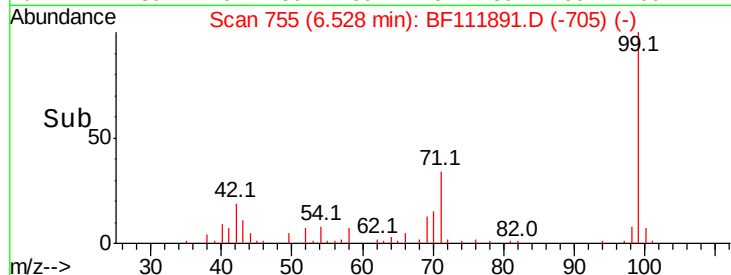
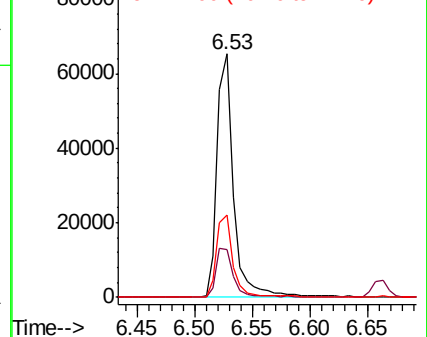
99 100

42 19.5 17.9 26.9

71 33.9 28.7 43.1



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111891.D

Acq: 7 Jan 2019 21:58

Tgt Ion: 136 Resp: 512927

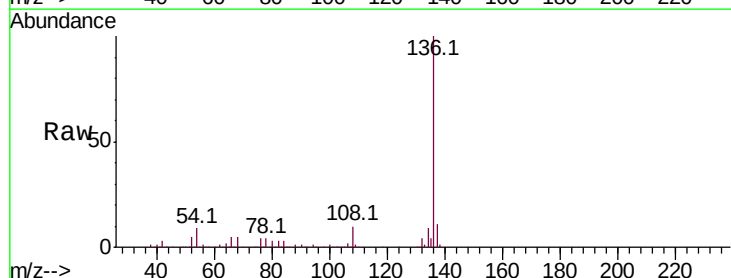
Ion Ratio Lower Upper

136 100

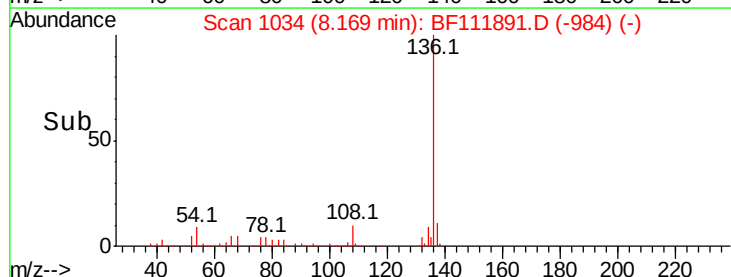
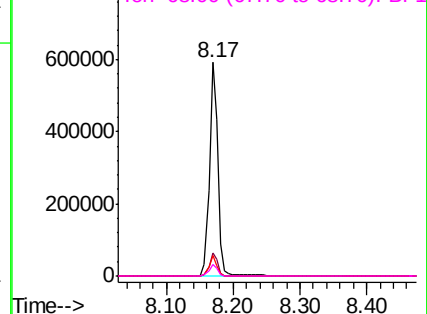
137 11.0 9.1 13.7

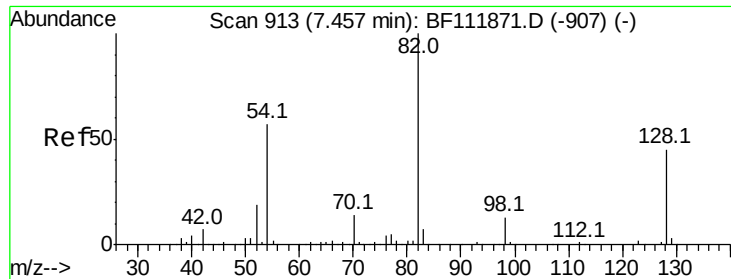
54 9.4 7.2 10.8

68 5.5 4.4 6.6



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: 4.116 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF111891.D

Acq: 7 Jan 2019 21:58

Instrument :

BNA_F

ClientSampleId :

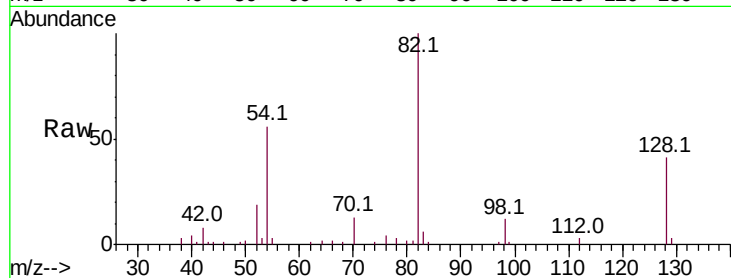
Tot Ion: 82 Resp: 39503

Ion Ratio Lower Upper

82 100

128 41.0 35.7 53.5

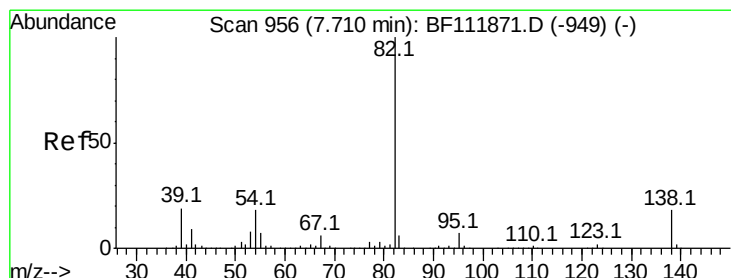
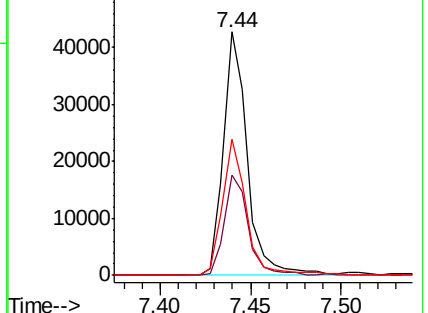
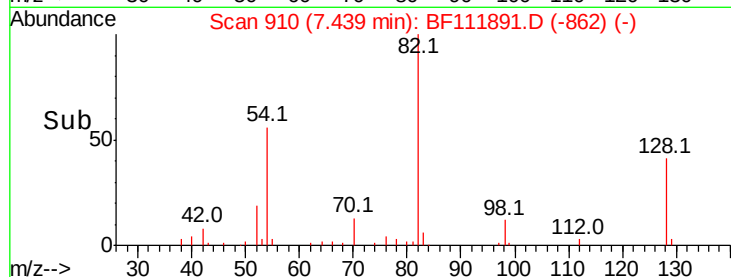
54 56.1 45.8 68.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 2.542 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF111891.D

Acq: 7 Jan 2019 21:58

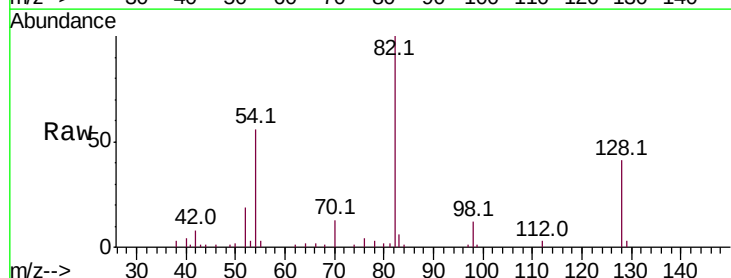
Tgt Ion: 82 Resp: 39510

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

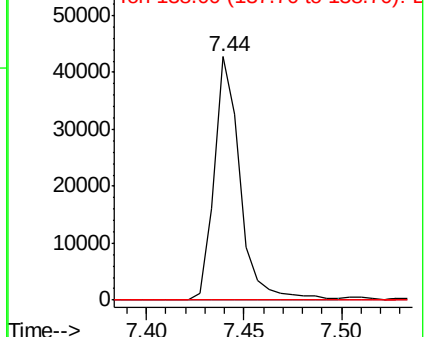
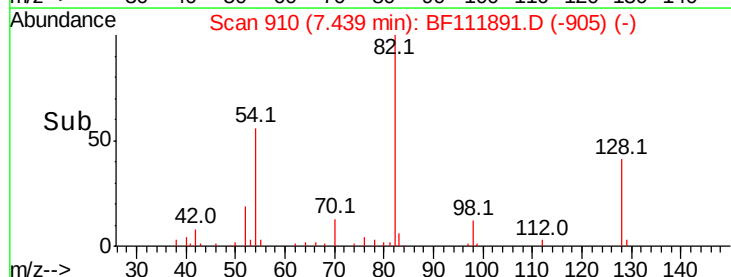
138 0.0 14.4 21.6#

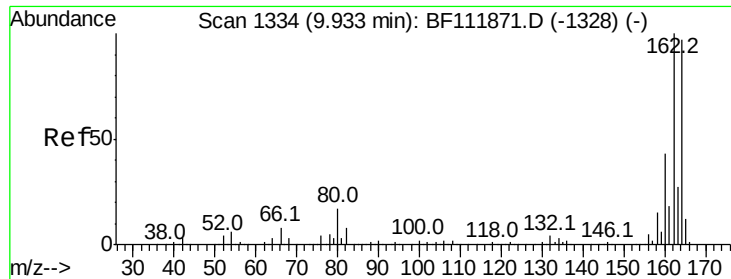


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

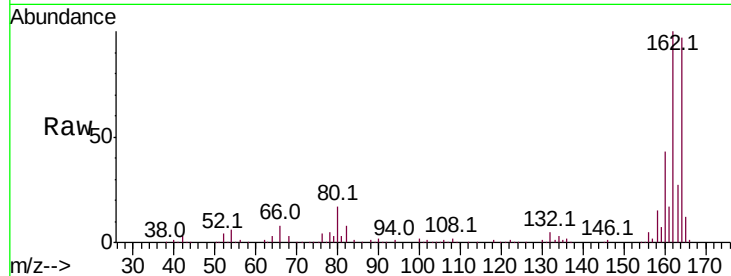




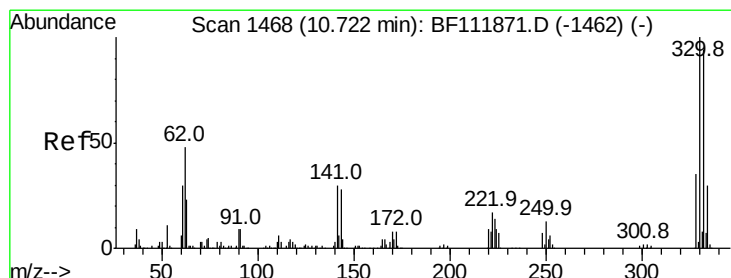
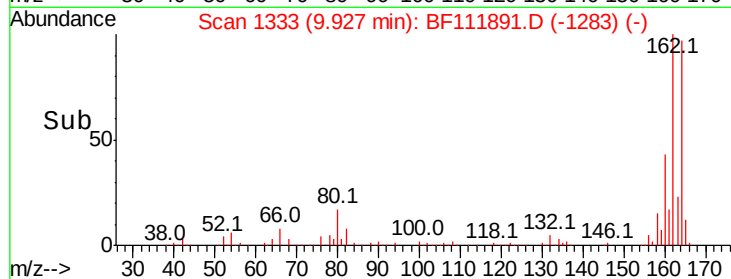
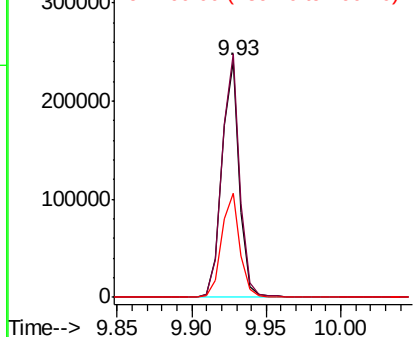
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111891.D
Acq: 7 Jan 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 199100
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 44.1 35.5 53.3

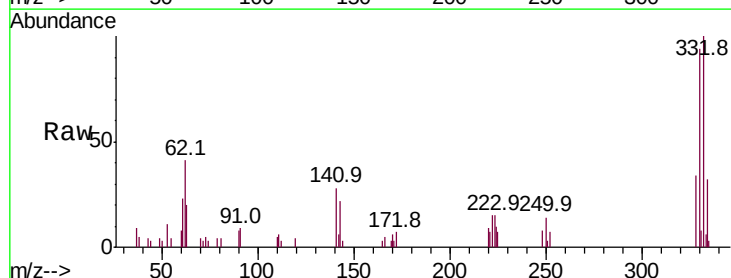


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

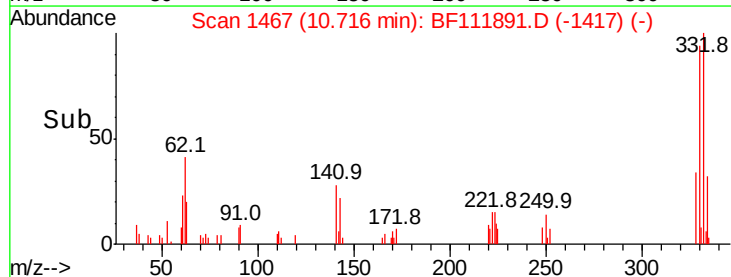
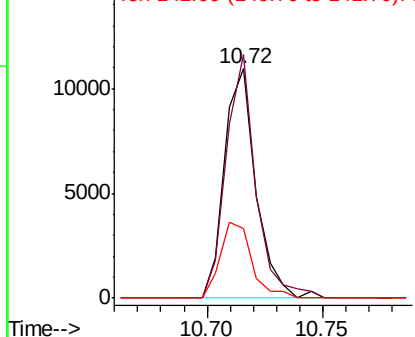


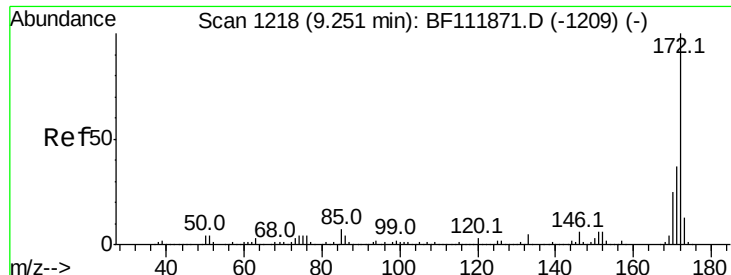
#42
2,4,6-Tribromophenol
Concen: 4.006 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111891.D
Acq: 7 Jan 2019 21:58

Tgt Ion:330 Resp: 10374
Ion Ratio Lower Upper
330 100
332 99.9 76.9 115.3
141 33.0 23.7 35.5



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

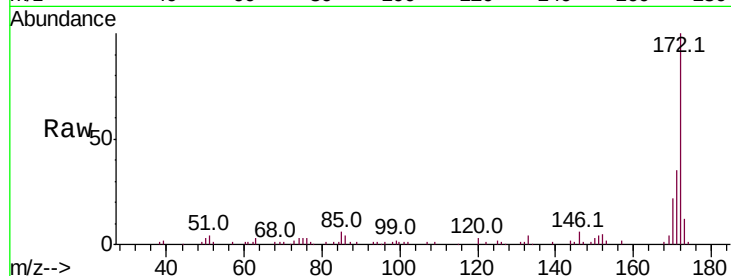




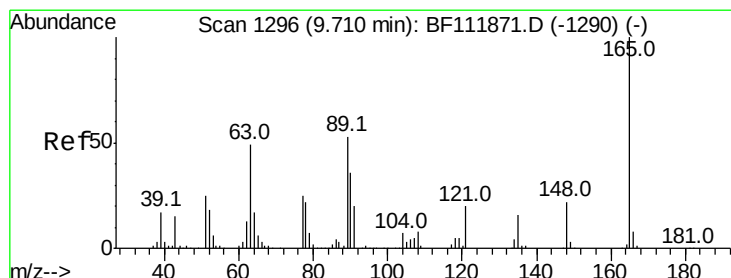
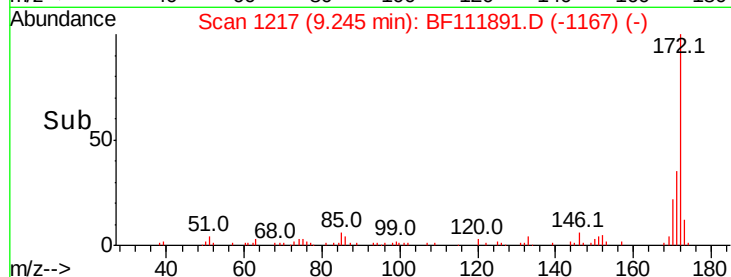
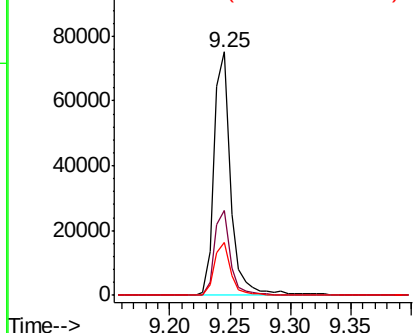
#45
2-Fluorobiphenyl
Concen: 5.208 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111891.D
Acq: 7 Jan 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 71103
Ion Ratio Lower Upper
172 100
171 34.9 29.6 44.4
170 21.6 19.8 29.8

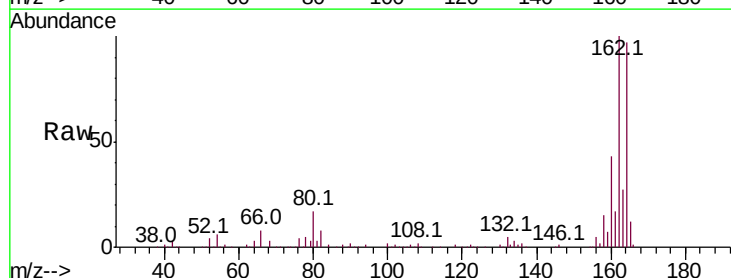


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

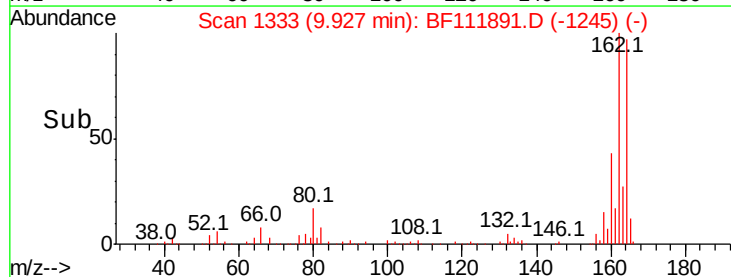
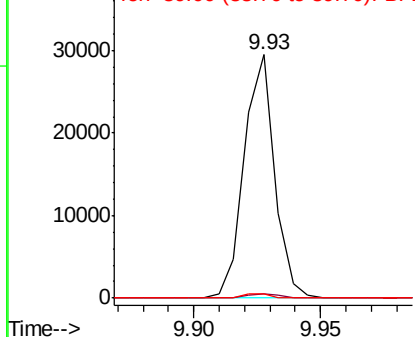


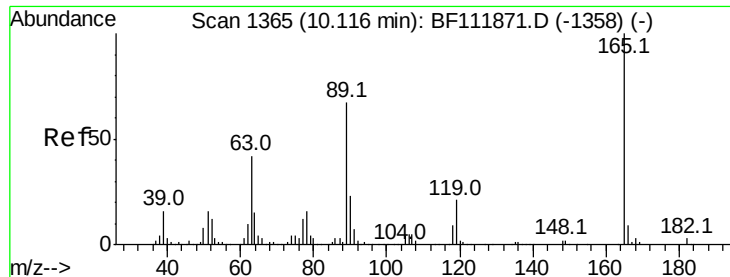
#51
2,6-Dinitrotoluene
Concen: 7.357 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111891.D
Acq: 7 Jan 2019 21:58

Tgt Ion:165 Resp: 24605
Ion Ratio Lower Upper
165 100
63 1.9 46.2 69.2#
89 1.6 42.2 63.2#



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

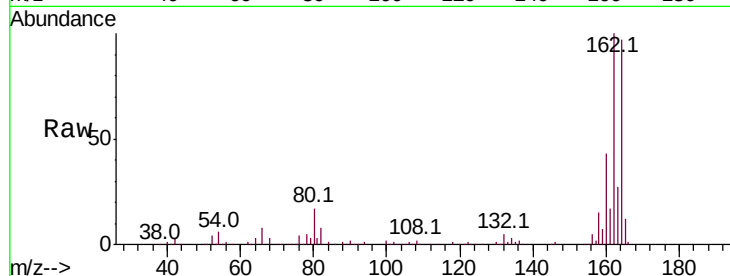




#57
 2,4-Dinitrotoluene
 Concen: 5.693 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF111891.D
 Acq: 7 Jan 2019 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.1	51.1#
89	1.6	53.5	80.3#
182	0.0	2.0	3.0#

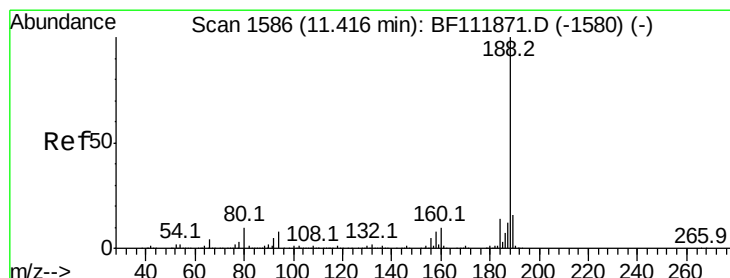
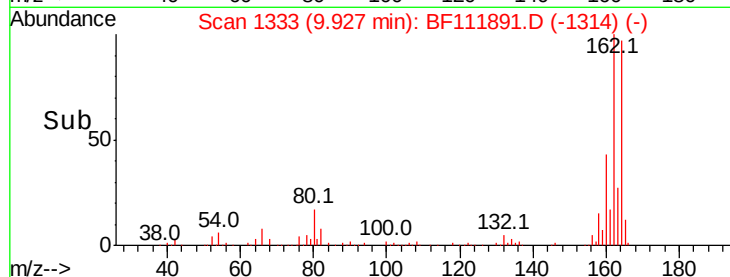
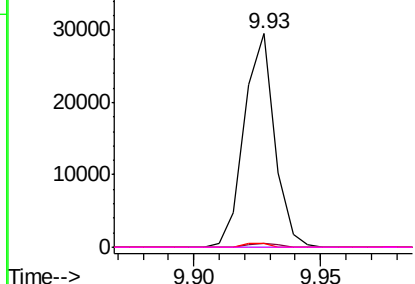


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

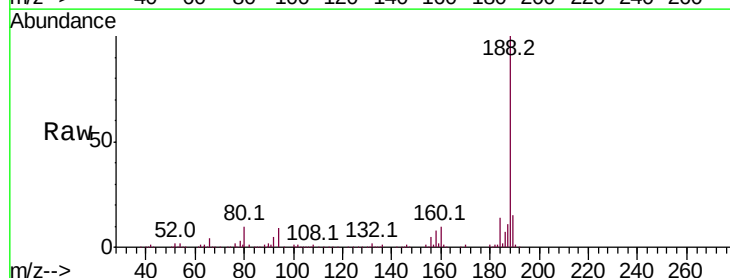
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111891.D
 Acq: 7 Jan 2019 21:58

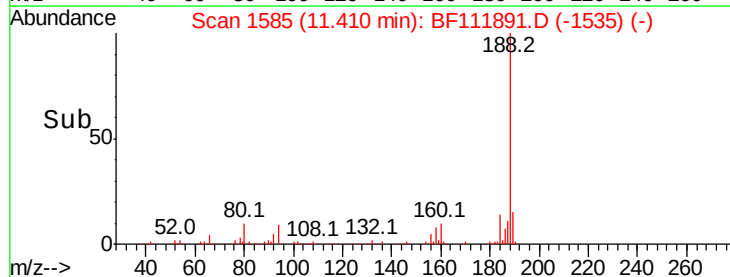
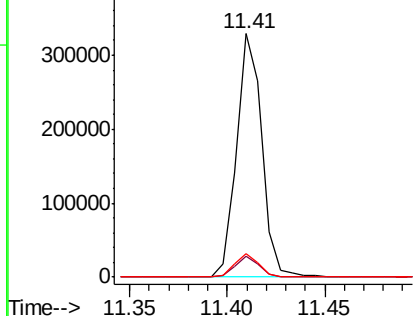
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.8	7.7	11.5

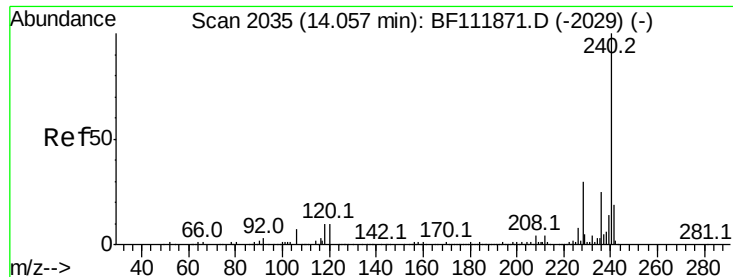


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

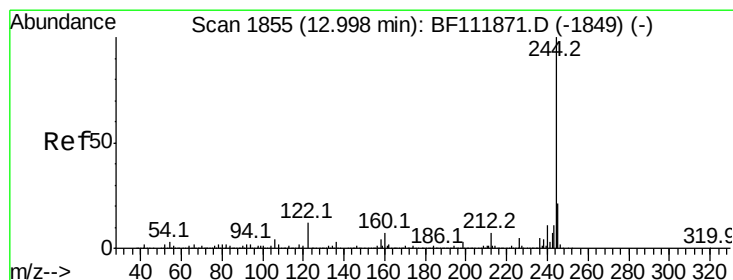
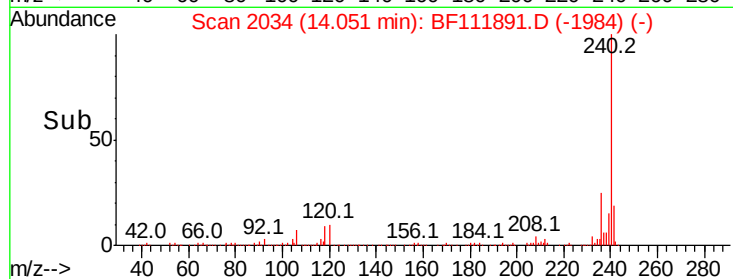
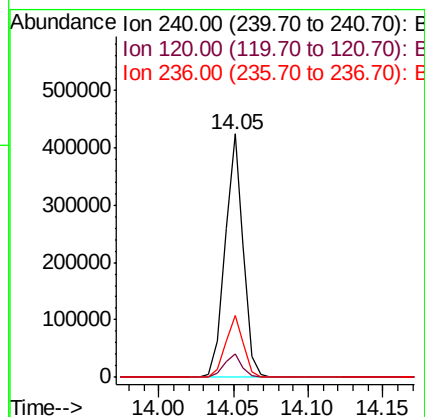
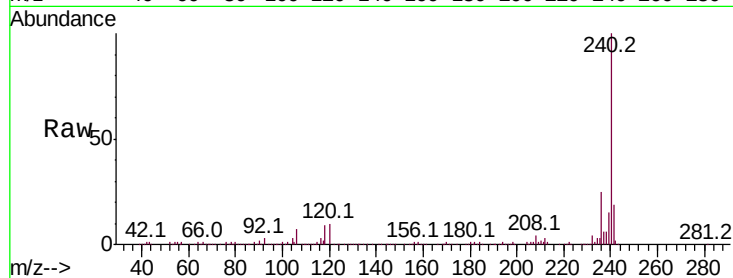




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111891.D
 Acq: 7 Jan 2019 21:58

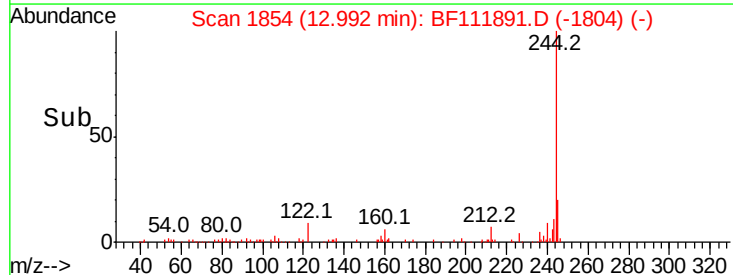
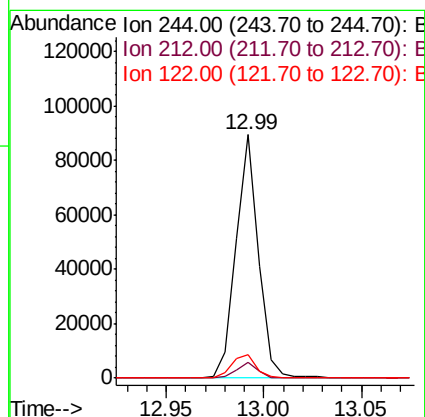
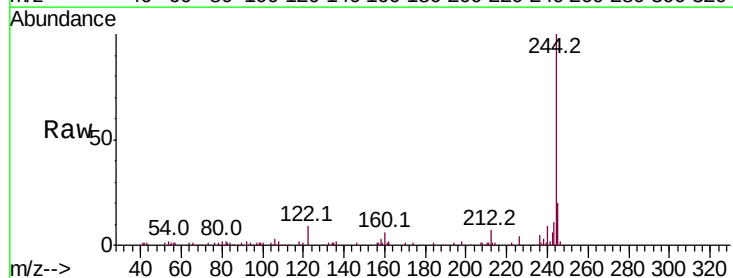
Instrument :
 BNA_F
 ClientSampleID :

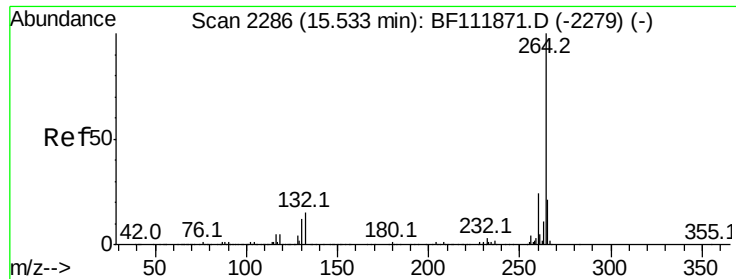
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.2	12.2
236	25.4	20.2	30.4



#79
 Terphenyl-d14
 Concen: 3.737 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111891.D
 Acq: 7 Jan 2019 21:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.5	9.5	14.3#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111891.D
Acq: 7 Jan 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	17.1	25.7

