

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111902.D
 Acq On : 8 Jan 2019 2:59
 Operator : JU/SJ
 Sample : K1041-05 20X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 04:09:05 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

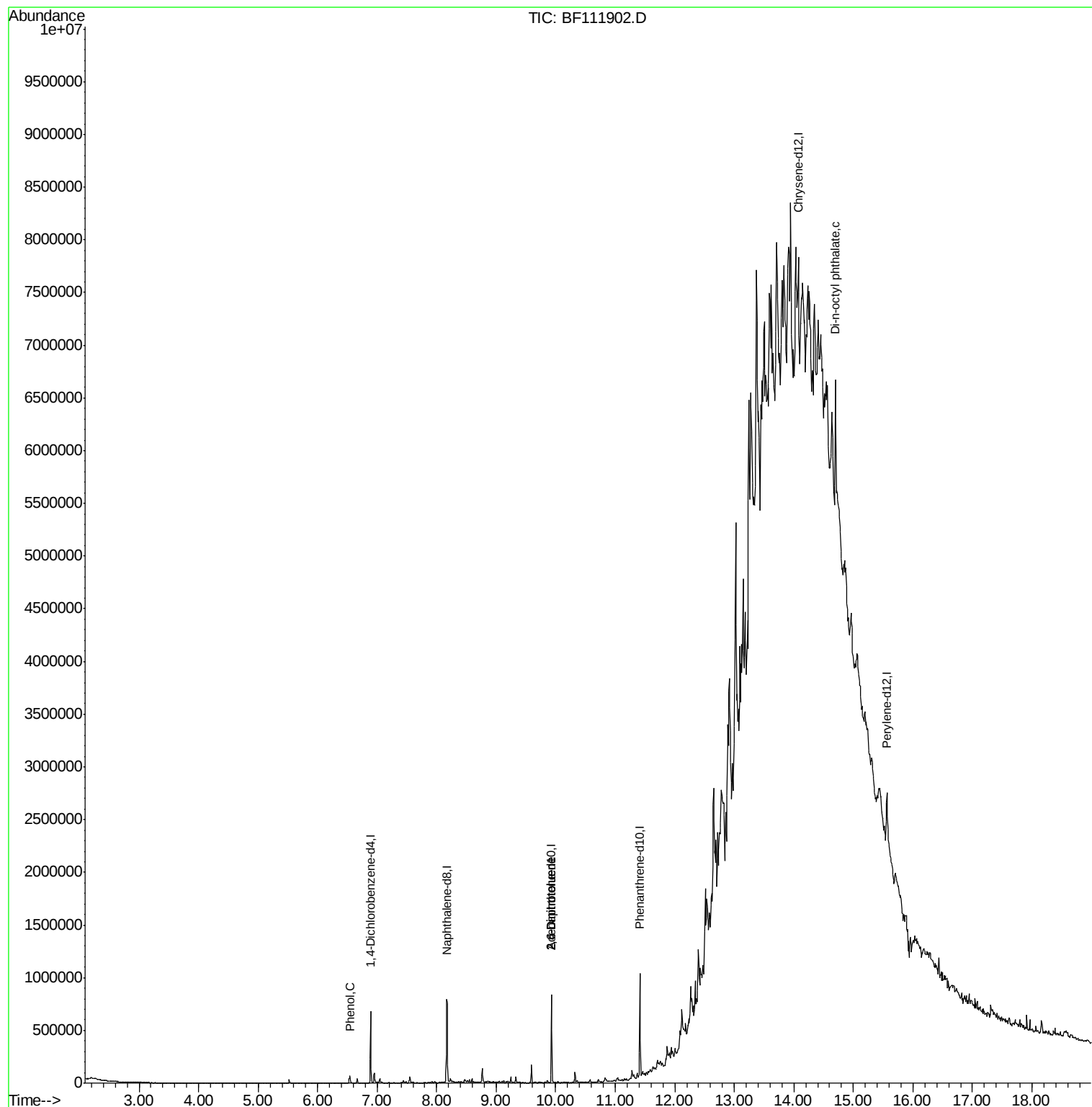
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	96985	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	356404	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	151854	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	348314	20.00	ng	0.00
76) Chrysene-d12	14.07	240	274697	20.00	ng	0.02
87) Perylene-d12	15.56	264	200599	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	9613	1.70	ng	0.00
7) Phenol-d6	6.53	99	12458	1.71	ng	0.00
23) Nitrobenzene-d5	7.45	82	8004	1.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	3730	1.89	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	16634	1.60	ng	0.00
79) Terphenyl-d14	13.00	244	24651	1.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	139	Below Cal	Qvalue	# 1
10) Phenol	6.54	94	19459	2.450	ng	# 77
51) 2,6-Dinitrotoluene	9.93	165	19178	7.518	ng	# 26
57) 2,4-Dinitrotoluene	9.93	165	19178	5.818	ng	# 27
85) Di-n-octyl phthalate	14.70	149	124269	8.275	ng	# 58

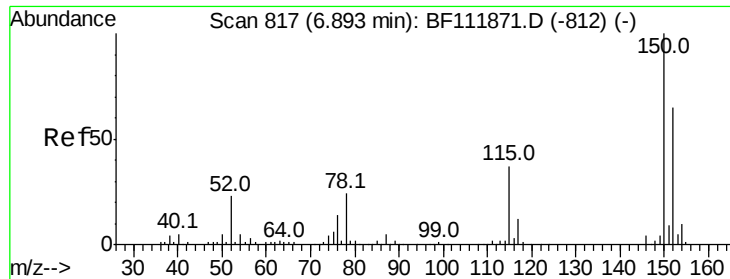
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111902.D
Acq On : 8 Jan 2019 2:59
Operator : JU/SJ
Sample : K1041-05 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 08 04:09:05 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



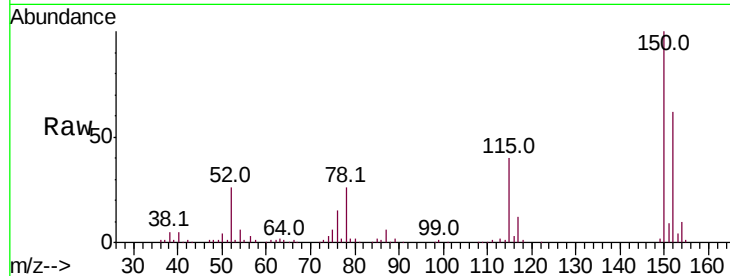


#1

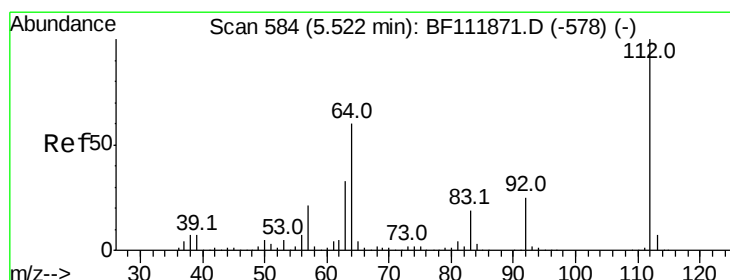
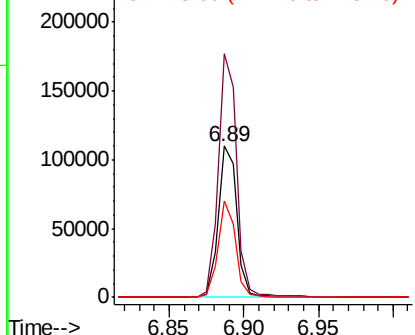
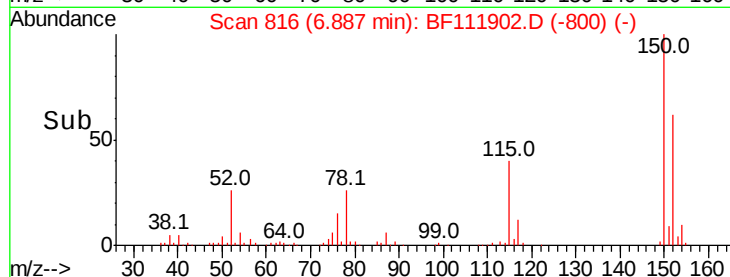
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111902.D
Acq: 8 Jan 2019 2:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96985
Ion Ratio Lower Upper
152 100
150 161.2 122.7 184.1
115 64.2 45.2 67.8



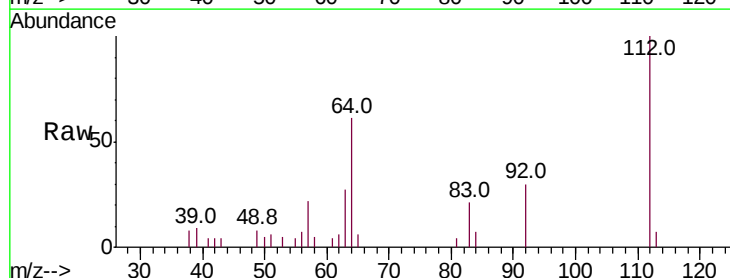
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



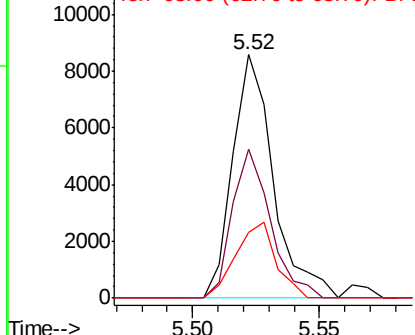
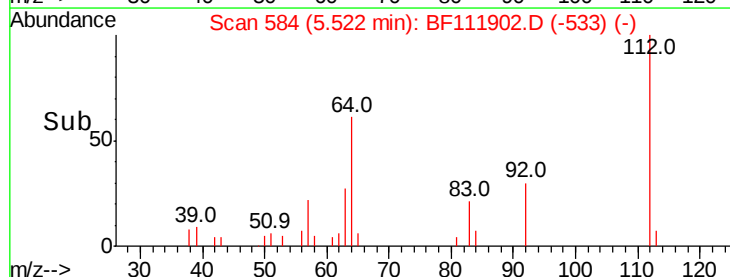
#5

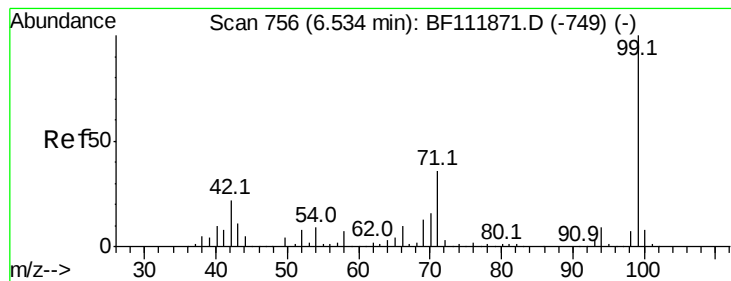
2-Fluorophenol
Concen: 1.696 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF111902.D
Acq: 8 Jan 2019 2:59

Tgt Ion:112 Resp: 9613
Ion Ratio Lower Upper
112 100
64 61.1 48.3 72.5
63 27.1 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: 1.705 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111902.D

Acq: 8 Jan 2019 2:59

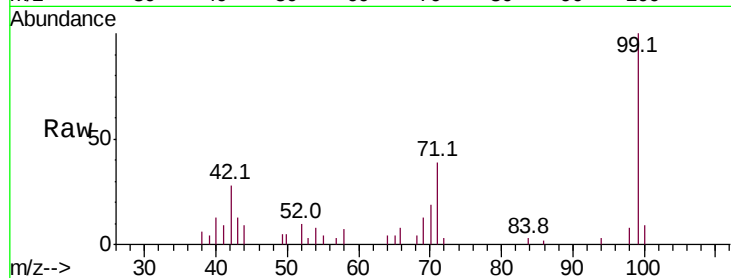
Instrument :

BNA_F

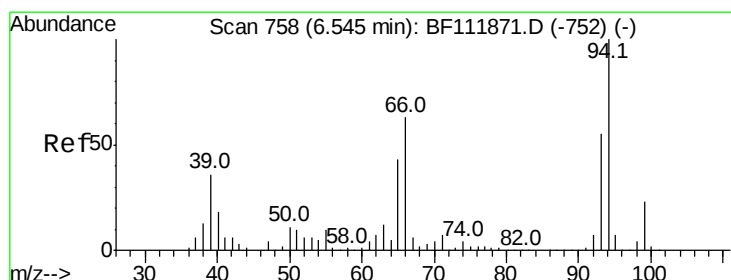
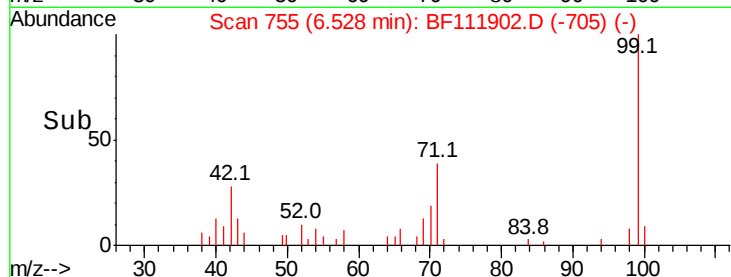
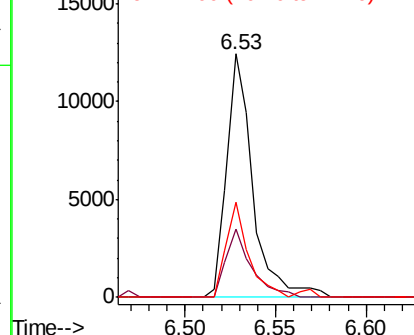
ClientSampled :

Tot Ion: 99 Resp: 12458

Ion	Ratio	Lower	Upper
99	100		
42	27.9	17.9	26.9#
71	38.9	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



#10

Phenol

Concen: 2.450 ng

RT: 6.54 min Scan# 757

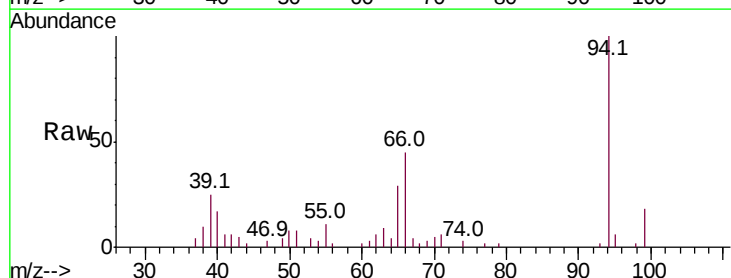
Delta R.T. -0.01 min

Lab File: BF111902.D

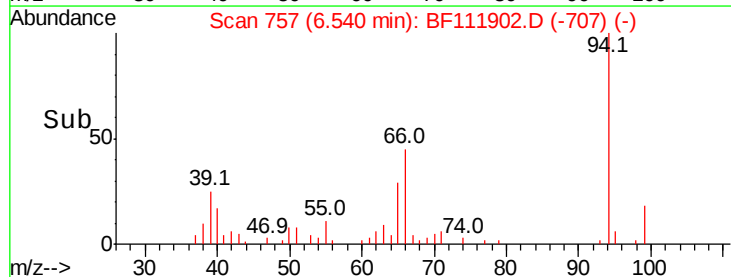
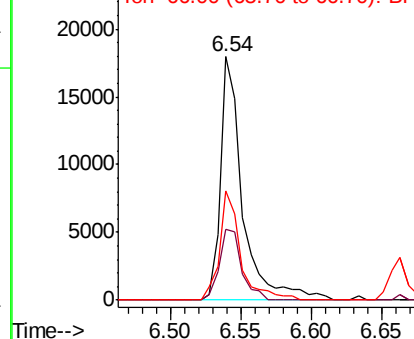
Acq: 8 Jan 2019 2:59

Tgt Ion: 94 Resp: 19459

Ion	Ratio	Lower	Upper
94	100		
65	29.0	22.8	62.8
66	44.8	43.3	83.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111902.D

Acq: 8 Jan 2019 2:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 356404

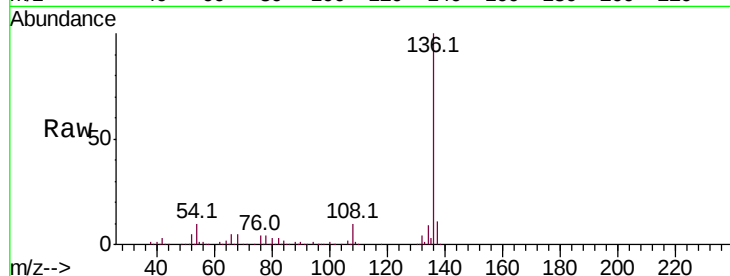
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.5 7.2 10.8

68 5.4 4.4 6.6

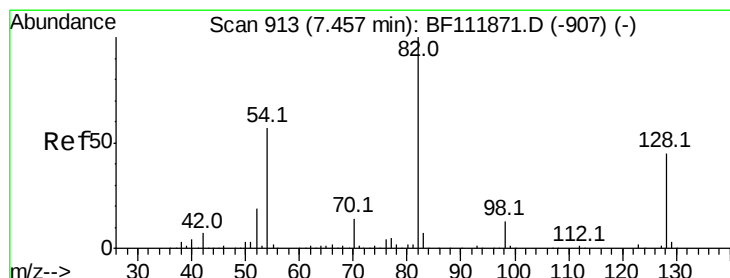
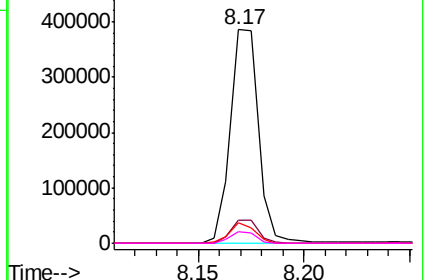
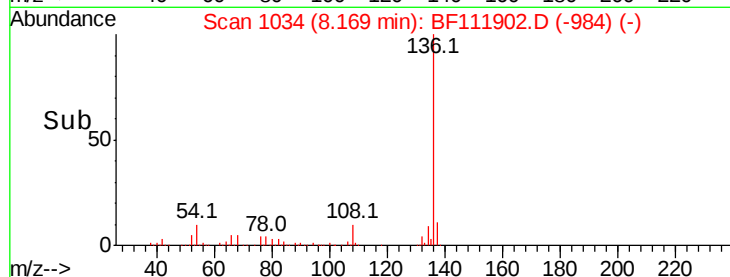


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.200 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111902.D

Acq: 8 Jan 2019 2:59

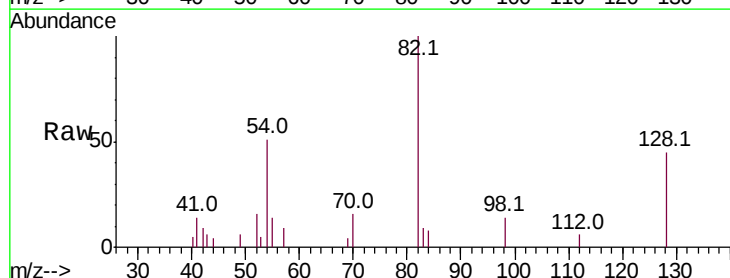
Tgt Ion: 82 Resp: 8004

Ion Ratio Lower Upper

82 100

128 45.3 35.7 53.5

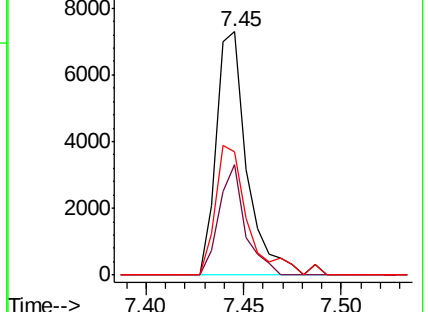
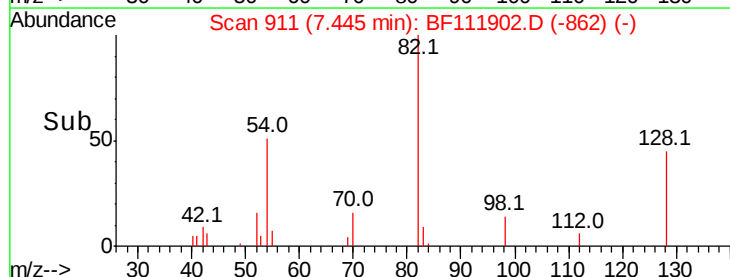
54 50.7 45.8 68.8

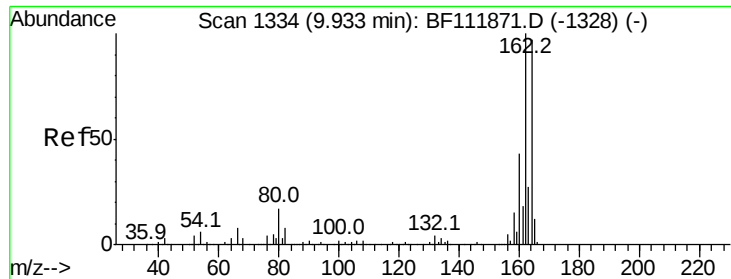


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

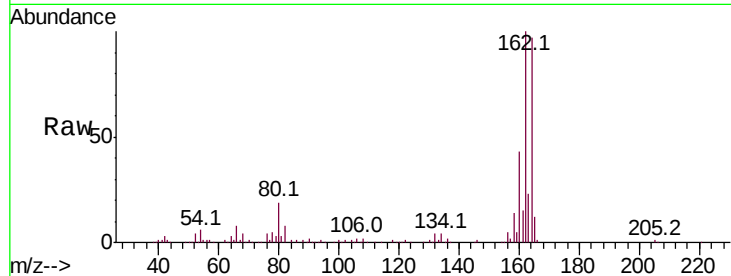




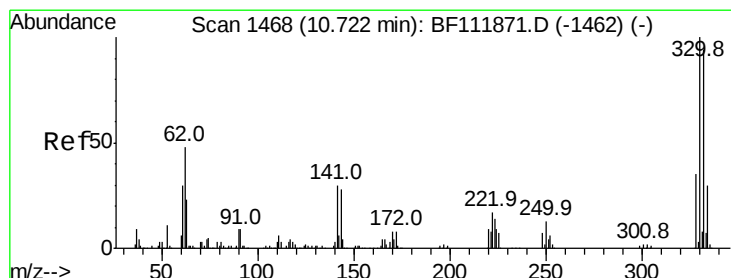
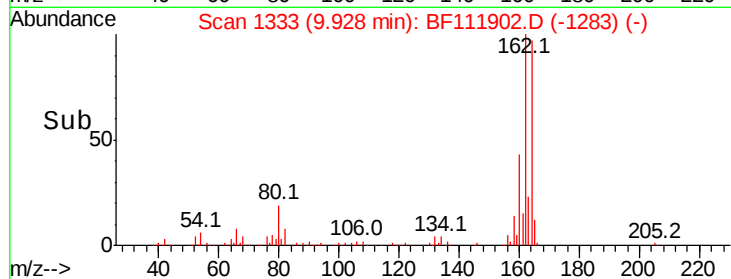
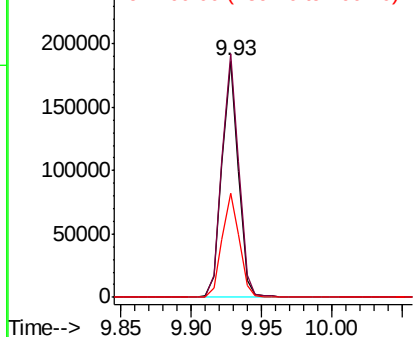
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111902.D
Acq: 8 Jan 2019 2:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 151854
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 43.8 35.5 53.3

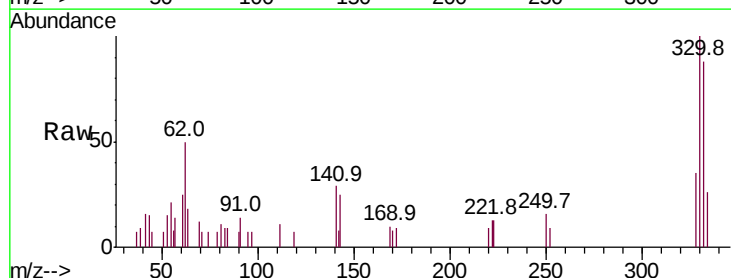


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

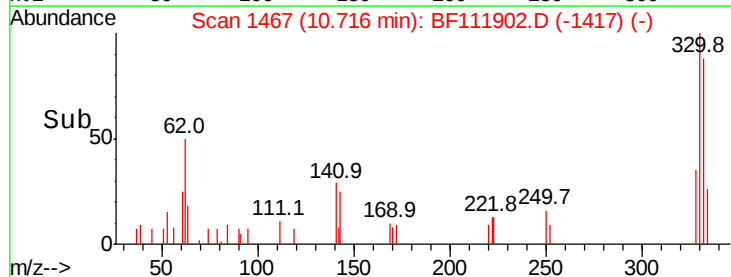
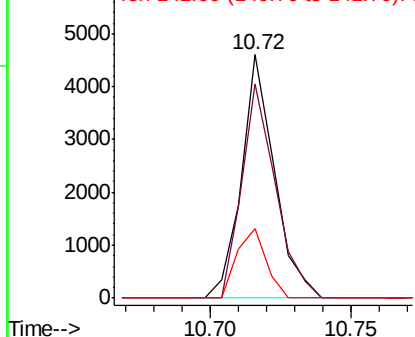


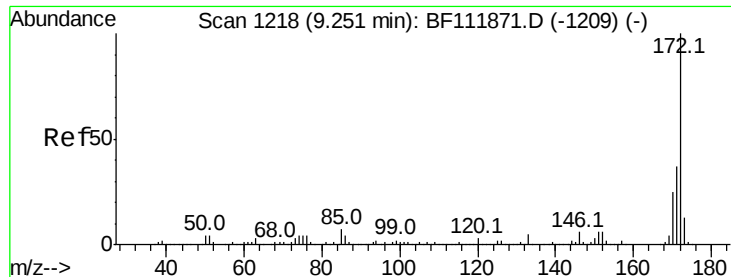
#42
2,4,6-Tribromophenol
Concen: 1.888 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111902.D
Acq: 8 Jan 2019 2:59

Tgt Ion:330 Resp: 3730
Ion Ratio Lower Upper
330 100
332 90.0 76.9 115.3
141 25.4 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

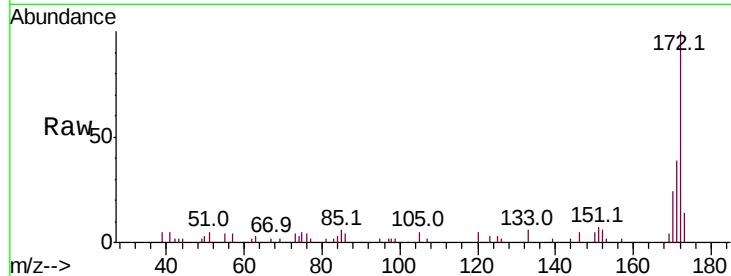




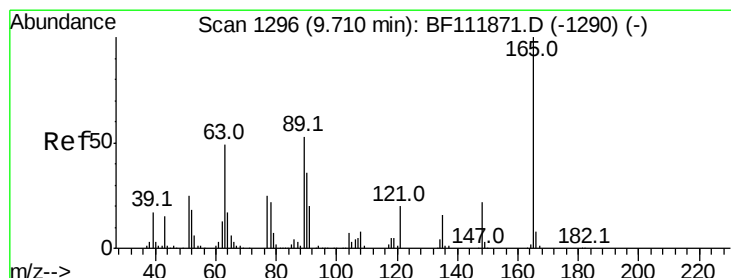
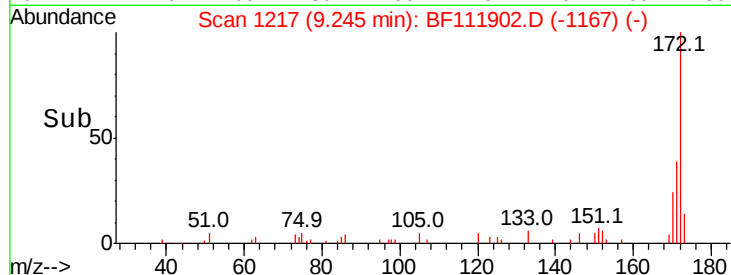
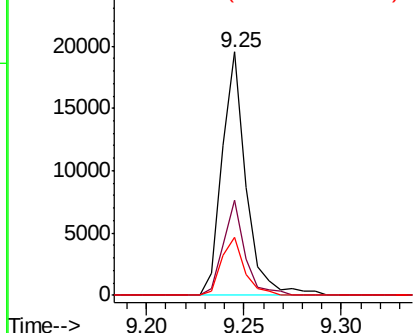
#45
2-Fluorobiphenyl
Concen: 1.597 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111902.D
Acq: 8 Jan 2019 2:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 16634
Ion Ratio Lower Upper
172 100
171 38.9 29.6 44.4
170 23.7 19.8 29.8

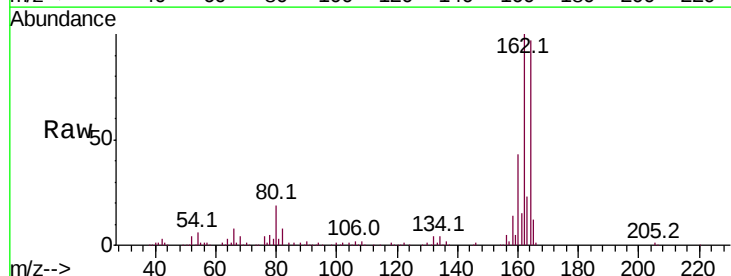


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

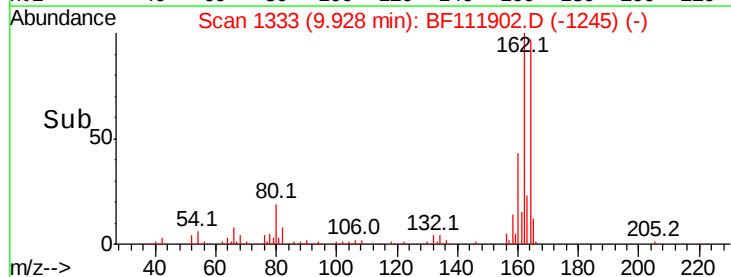
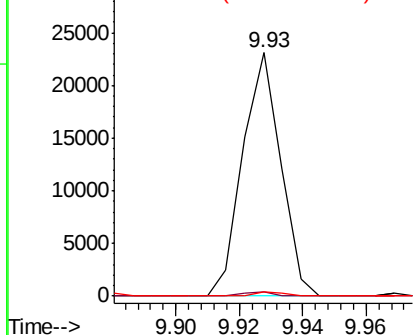


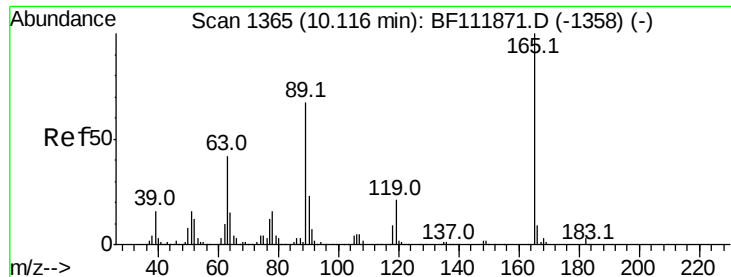
#51
2,6-Dinitrotoluene
Concen: 7.518 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111902.D
Acq: 8 Jan 2019 2:59

Tgt Ion:165 Resp: 19178
Ion Ratio Lower Upper
165 100
63 1.5 46.2 69.2#
89 1.9 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: 5.818 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.19 min

Lab File: BF111902.D

Acq: 8 Jan 2019 2:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 19178

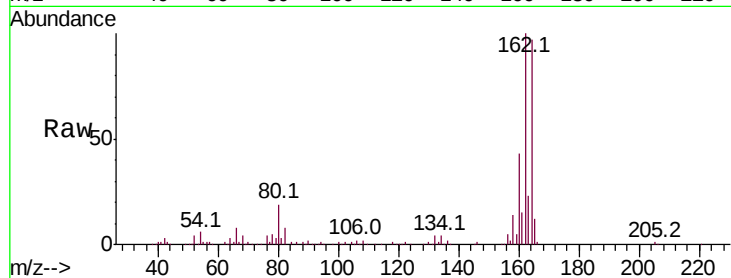
Ion Ratio Lower Upper

165 100

63 1.5 34.1 51.1#

89 1.9 53.5 80.3#

182 0.0 2.0 3.0#

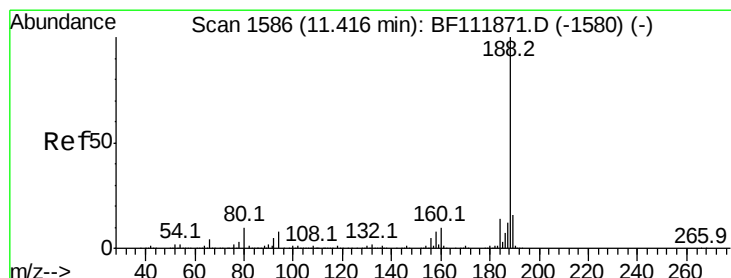
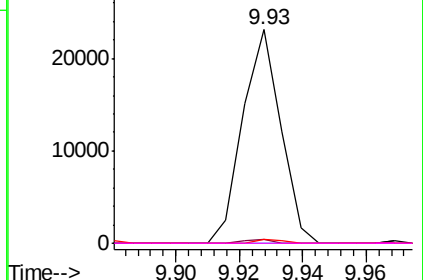
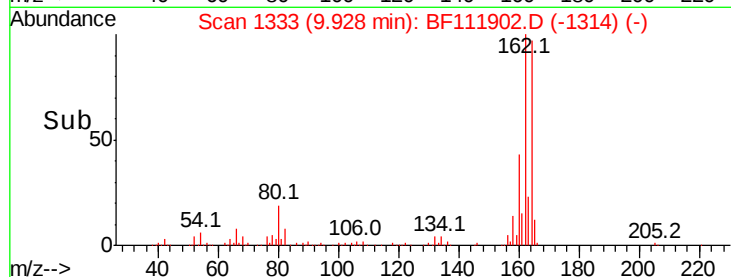


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF111902.D

Acq: 8 Jan 2019 2:59

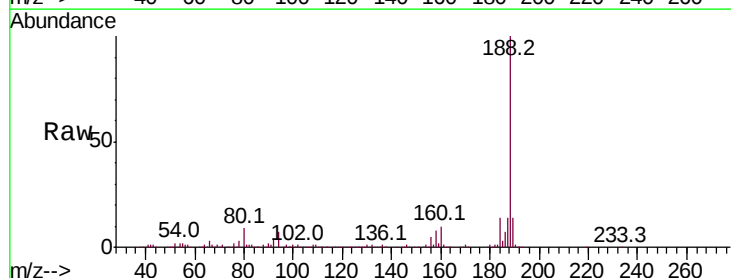
Tgt Ion:188 Resp: 348314

Ion Ratio Lower Upper

188 100

94 7.1 6.6 10.0

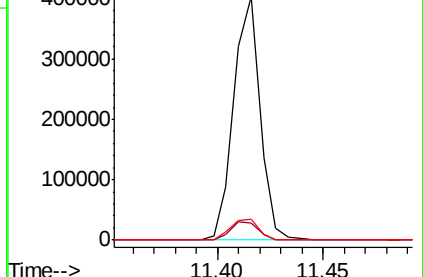
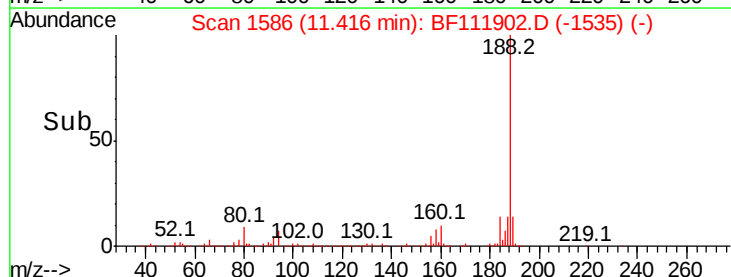
80 8.6 7.7 11.5

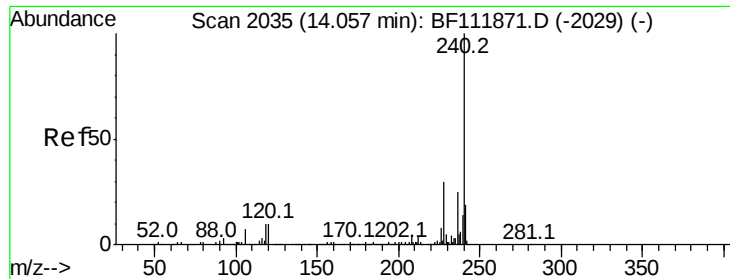


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

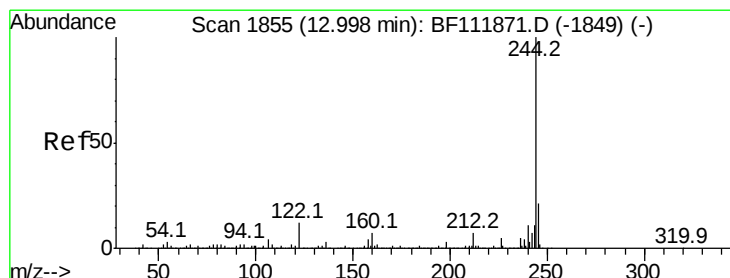
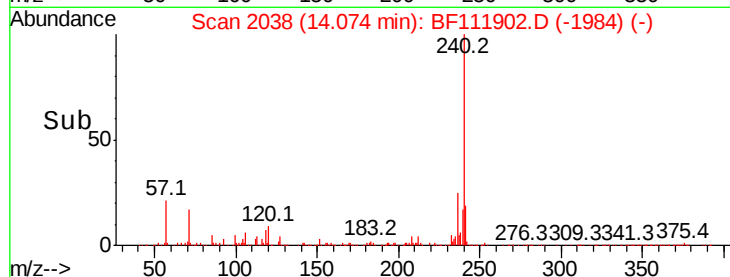
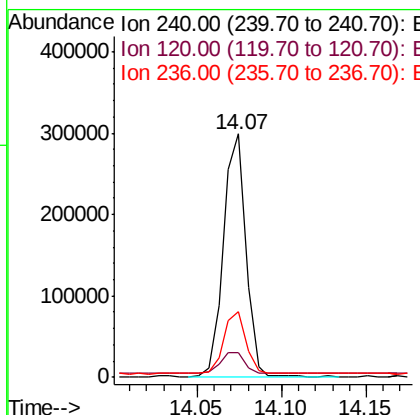
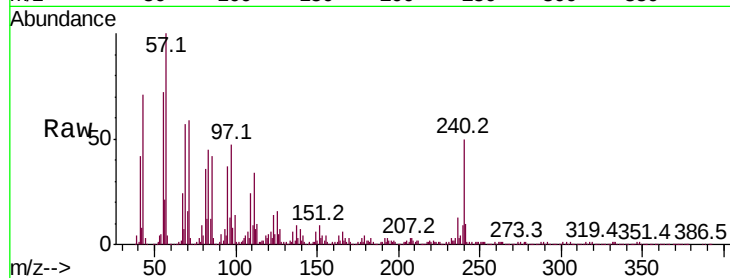




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.02 min
 Lab File: BF111902.D
 Acq: 8 Jan 2019 2:59

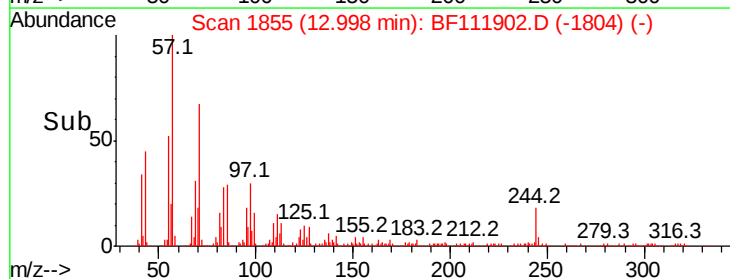
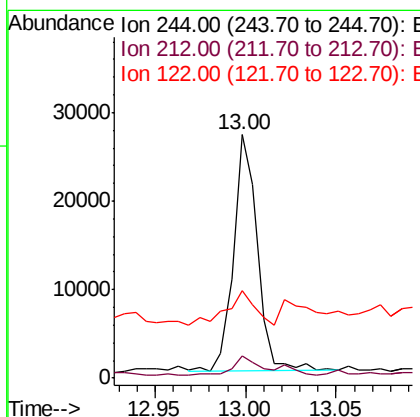
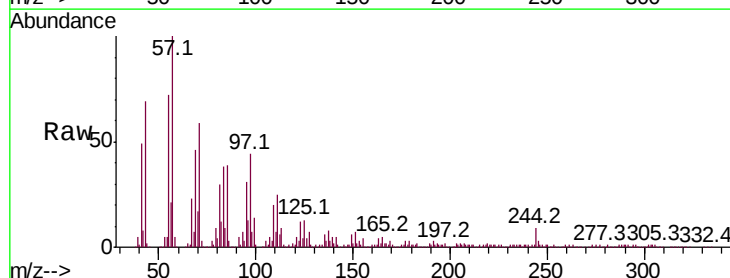
Instrument :
 BNA_F
 ClientSampleId :

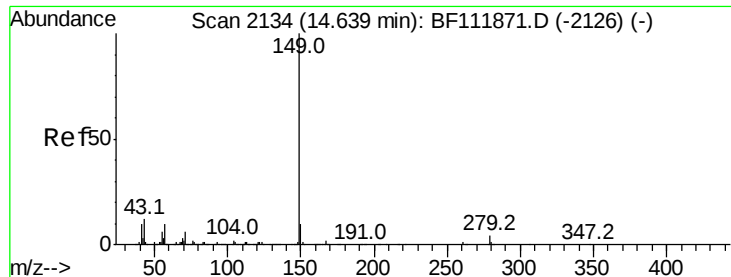
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.2	12.2
236	26.8	20.2	30.4



#79
 Terphenyl-d14
 Concen: 1.703 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF111902.D
 Acq: 8 Jan 2019 2:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	35.8	9.5	14.3#





#85

Di-n-octyl phthalate

Concen: 8.275 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.06 min

Lab File: BF111902.D

Acq: 8 Jan 2019 2:59

Instrument :

BNA_F

ClientSampleId :

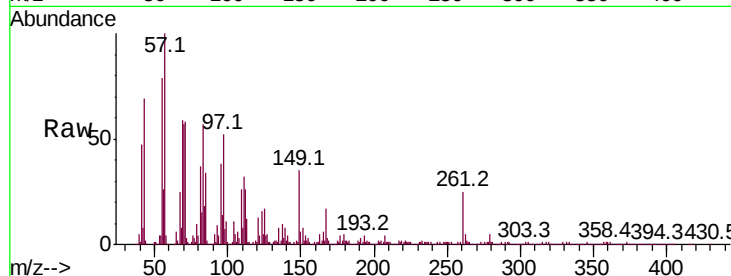
Tot Ion:149 Resp: 124269

Ion Ratio Lower Upper

149 100

167 49.3 1.3 1.9#

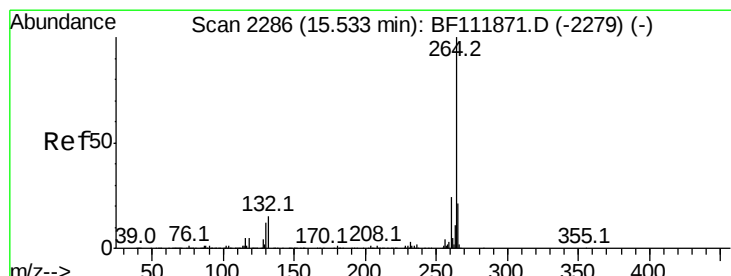
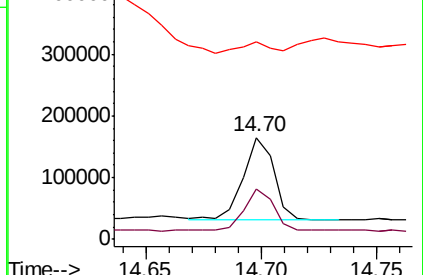
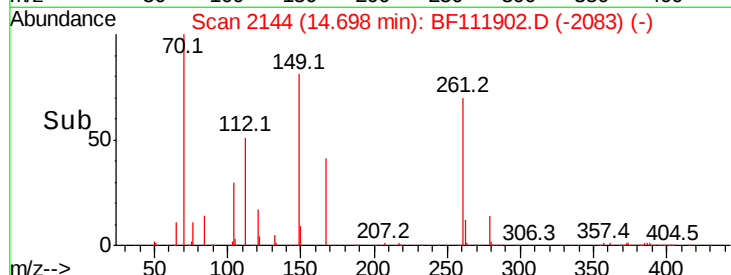
43 0.0 9.1 13.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.03 min

Lab File: BF111902.D

Acq: 8 Jan 2019 2:59

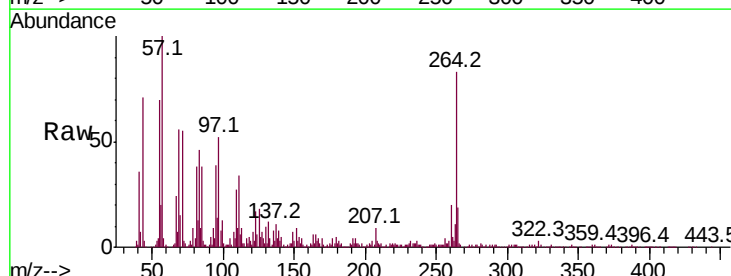
Tgt Ion:264 Resp: 200599

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.7 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

