

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
 Data File : BF113258.D
 Acq On : 23 Mar 2019 14:05
 Operator : JU/SJ
 Sample : K1933-05DL 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 22:57:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

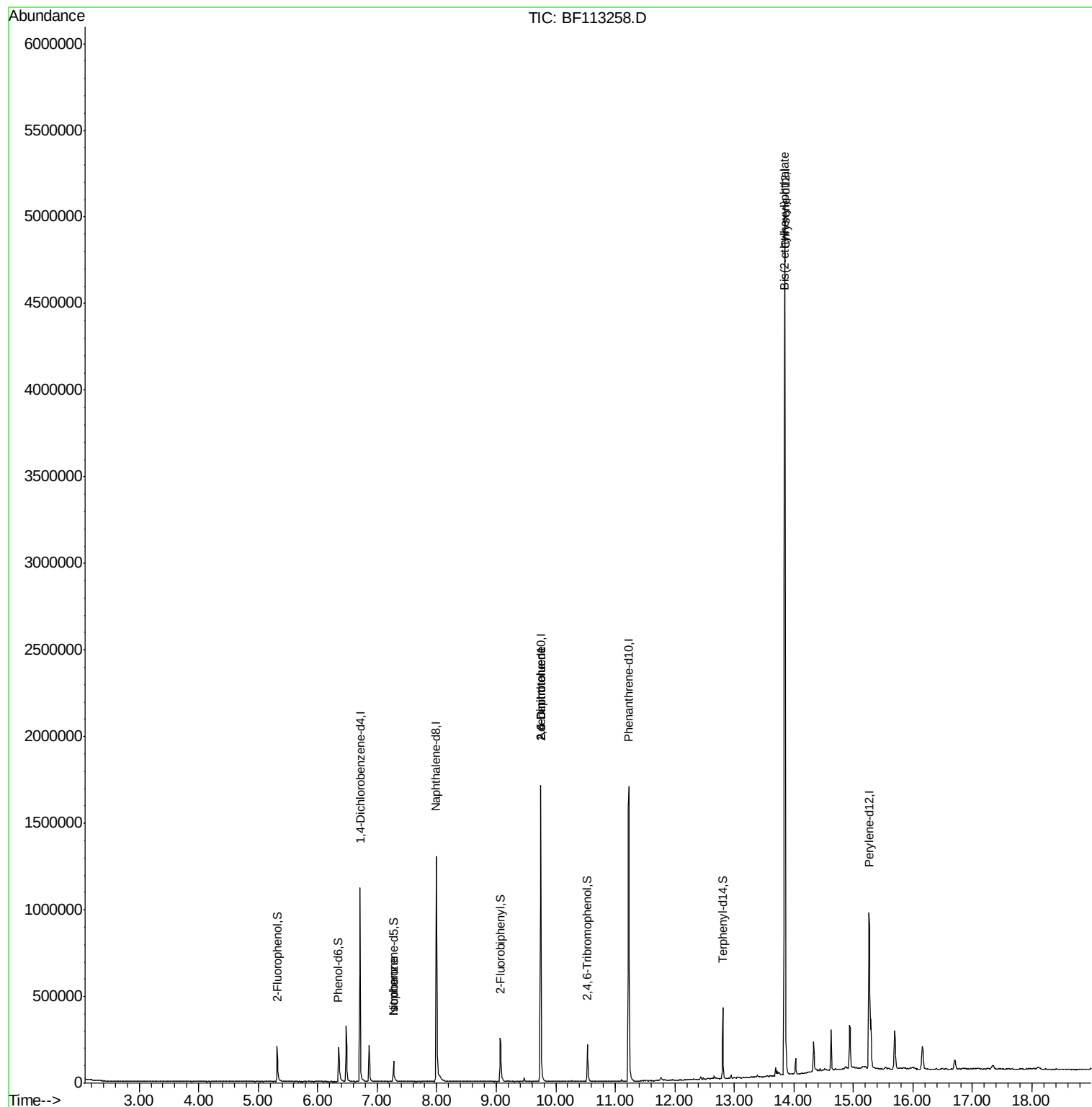
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	180127	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	765714	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	375823	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	768661	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	510512	20.00	ng	-0.01
87) Perylene-d12	15.26	264	463588	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	75756	6.54	ng	-0.02
7) Phenol-d6	6.35	99	108297	7.45	ng	-0.02
23) Nitrobenzene-d5	7.27	82	60356	4.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	33917	8.50	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	124137	2.97	ng	-0.02
79) Terphenyl-d14	12.80	244	145538	5.53	ng	-0.02
Target Compounds						
25) Isophorone	7.27	82	60355	2.189	ng	# 66
51) 2,6-Dinitrotoluene	9.75	165	47474	8.227	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	47475	6.619	ng	# 17
84) Bis(2-ethylhexyl)phthalate	13.84	149	1382058	62.025	ng	99

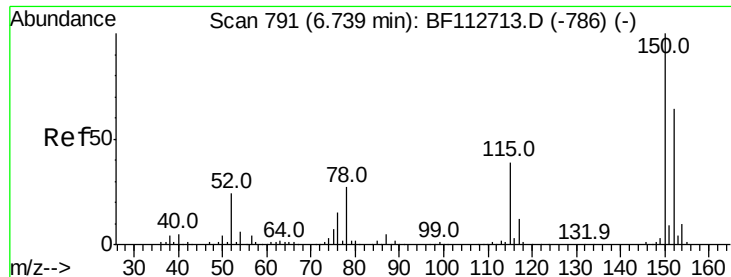
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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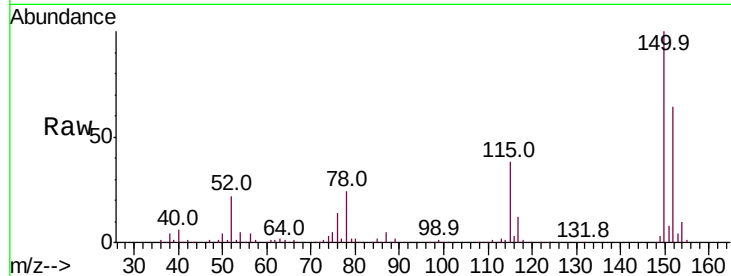


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113258.D
Acq: 23 Mar 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	58.9	48.2	72.4

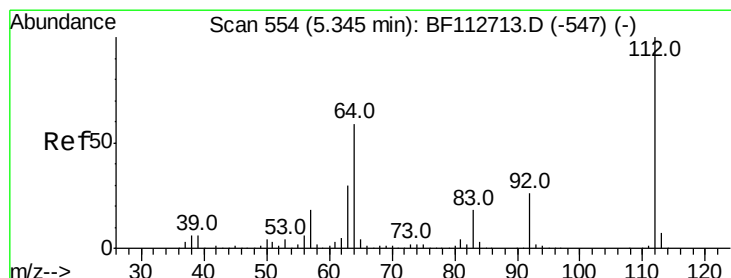
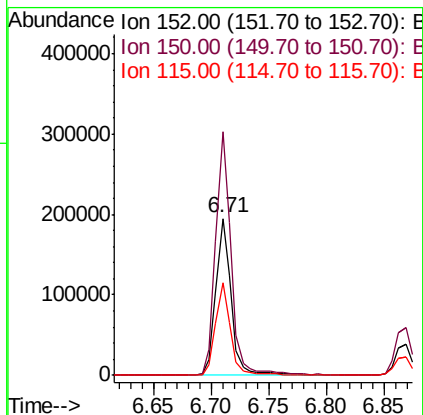
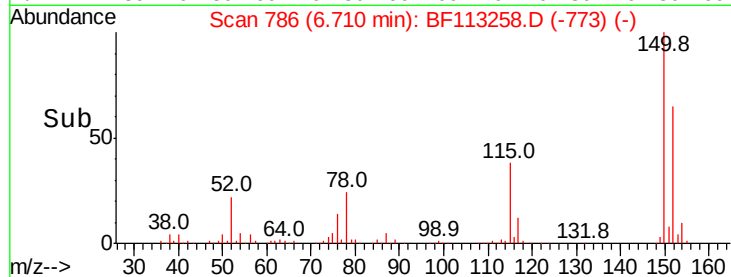


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

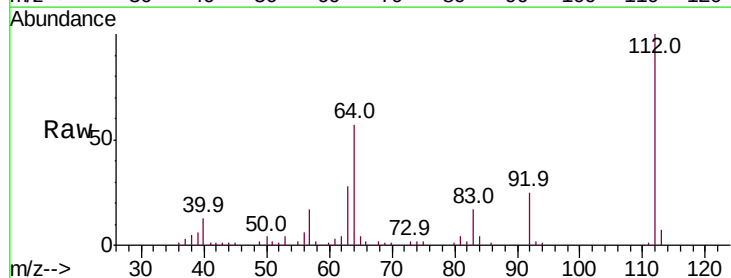
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 6.542 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF113258.D
Acq: 23 Mar 2019 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.6	71.4
63	27.9	24.4	36.6

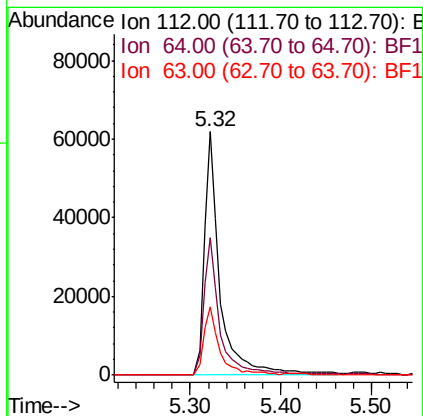
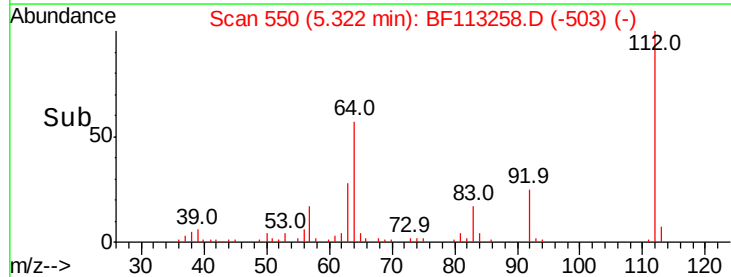


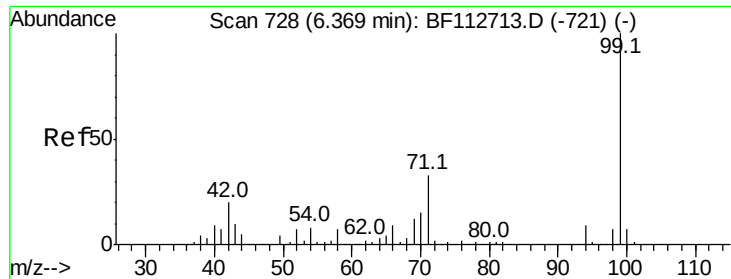
Abundance

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: 7.445 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF113258.D

Acq: 23 Mar 2019 14:05

Instrument :

BNA_F

ClientSampleId :

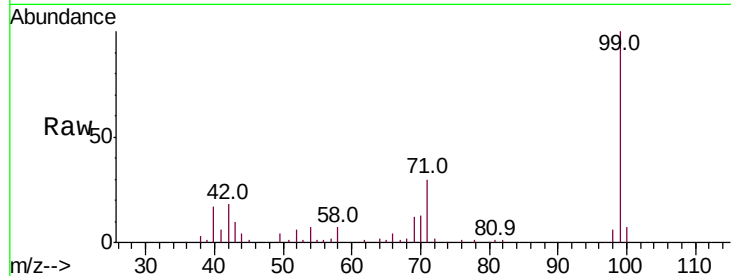
Tot Ion: 99 Resp: 108297

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

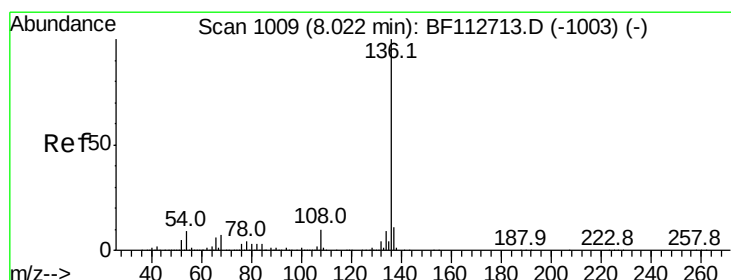
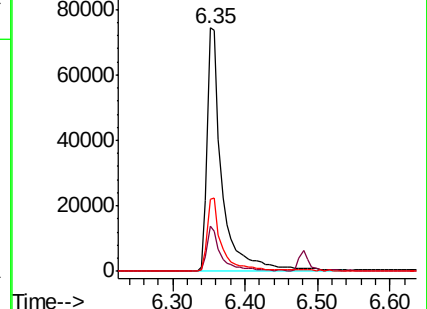
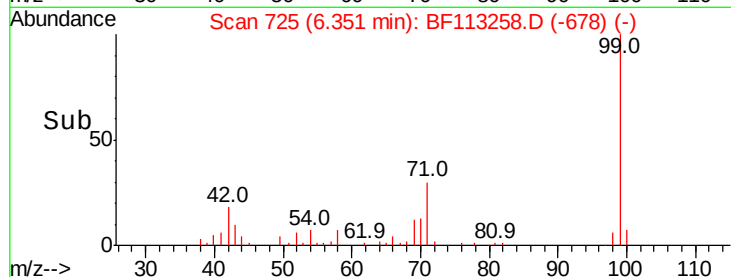
71 29.7 26.2 39.4



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: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF113258.D

Acq: 23 Mar 2019 14:05

Tgt Ion: 136 Resp: 765714

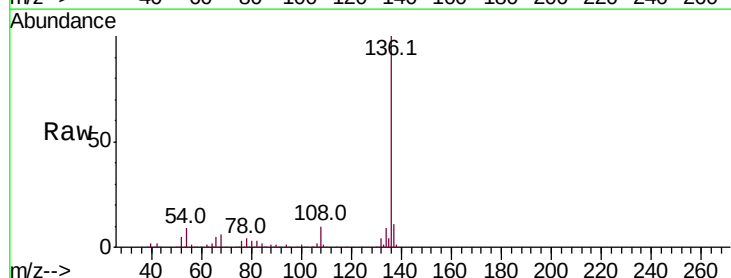
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.8 7.3 10.9

68 6.3 5.4 8.2

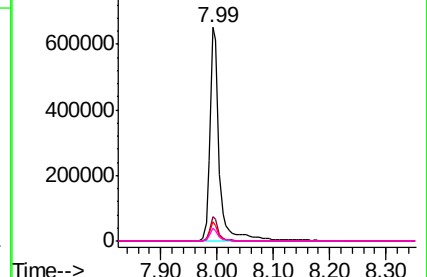
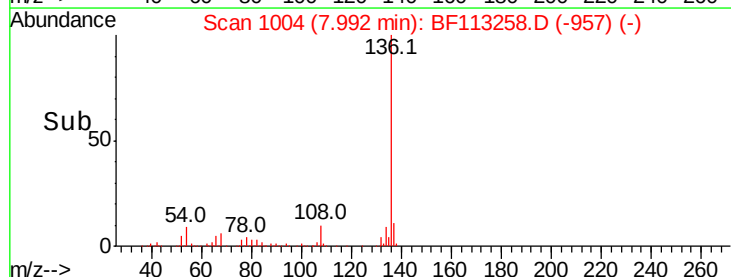


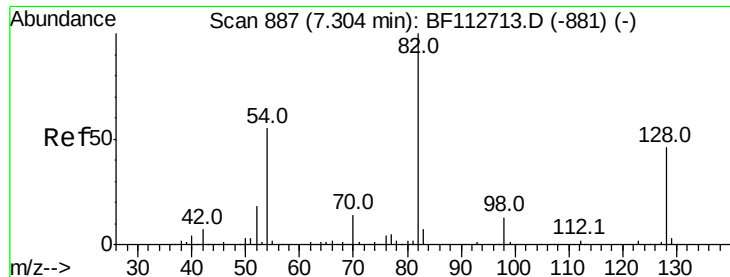
Abundance Ion 136.00 (135.70 to 136.70): E

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

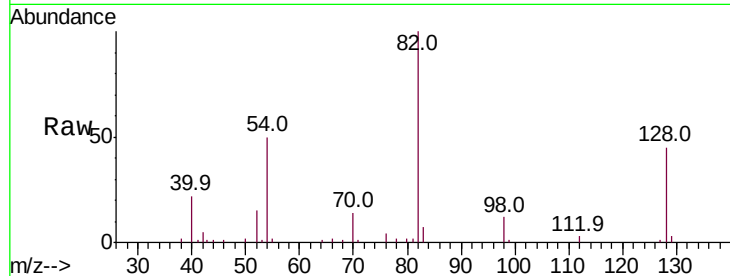




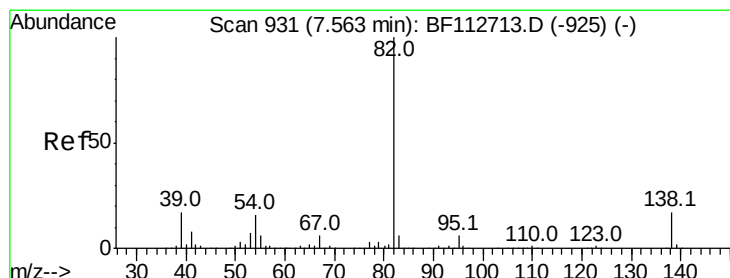
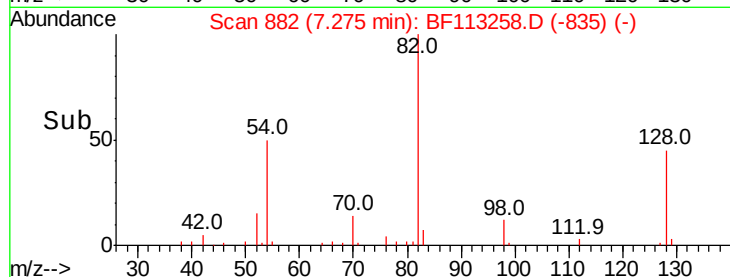
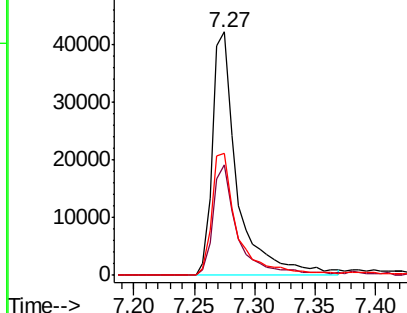
#23
Nitrobenzene-d5
Concen: 4.717 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113258.D
Acq: 23 Mar 2019 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	60356
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.3	54.5
54	50.2	43.7	65.5

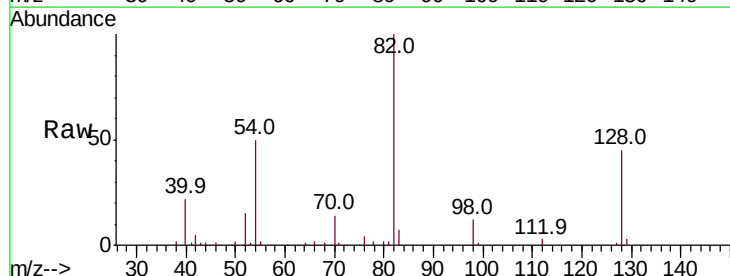


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

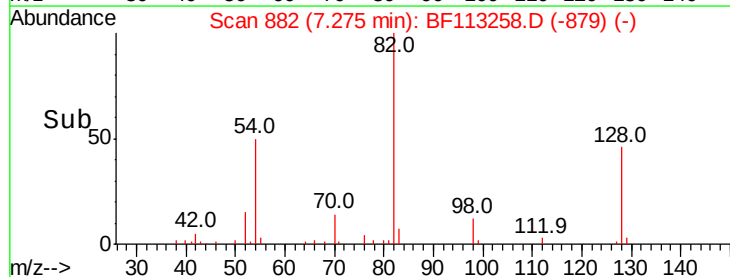
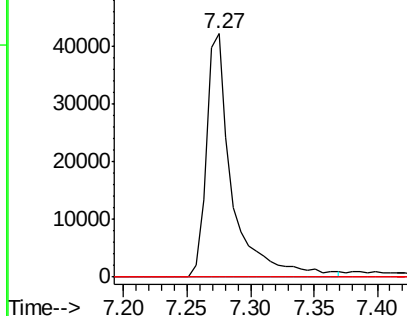


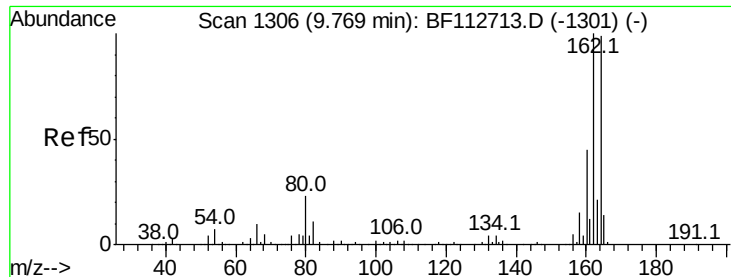
#25
Isophorone
Concen: 2.189 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF113258.D
Acq: 23 Mar 2019 14:05

Tgt Ion	82	Resp	60355
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



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

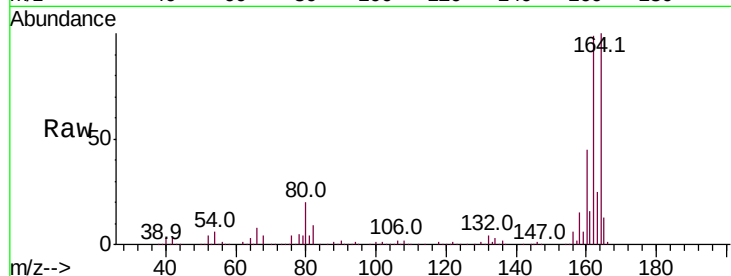




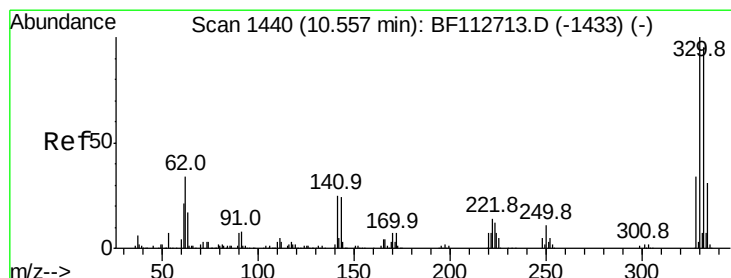
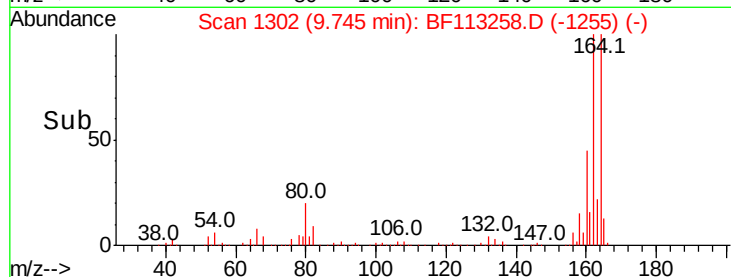
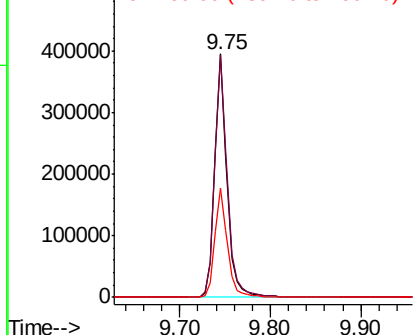
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113258.D
Acq: 23 Mar 2019 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 375823
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 44.7 36.0 54.0

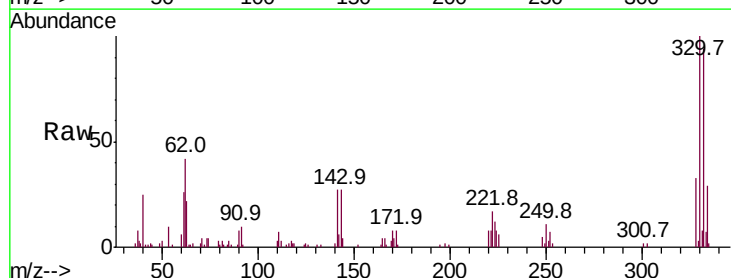


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

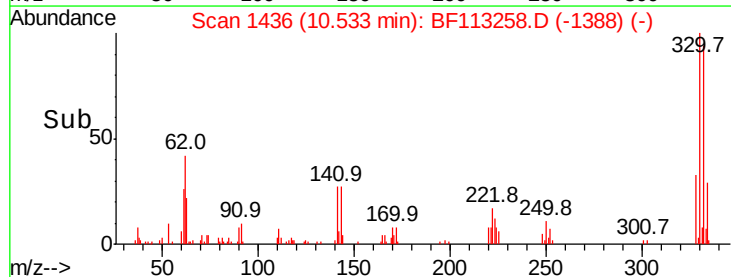
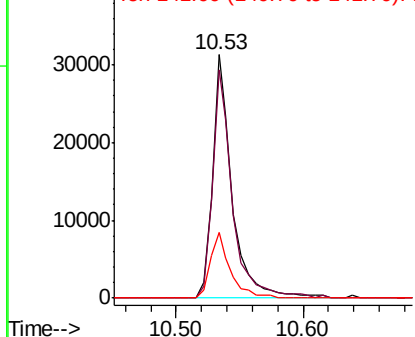


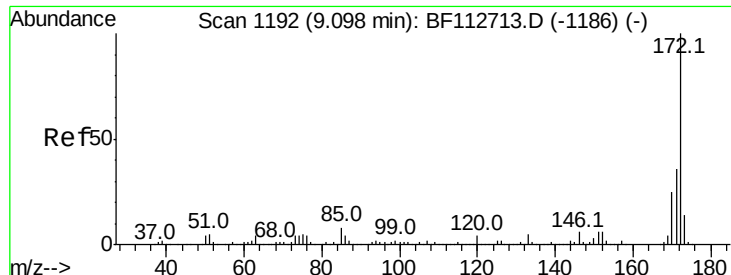
#42
2,4,6-Tribromophenol
Concen: 8.501 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF113258.D
Acq: 23 Mar 2019 14:05

Tgt Ion:330 Resp: 33917
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 27.5 27.0 40.6



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

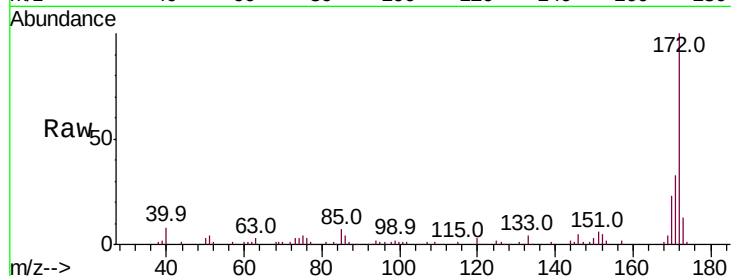




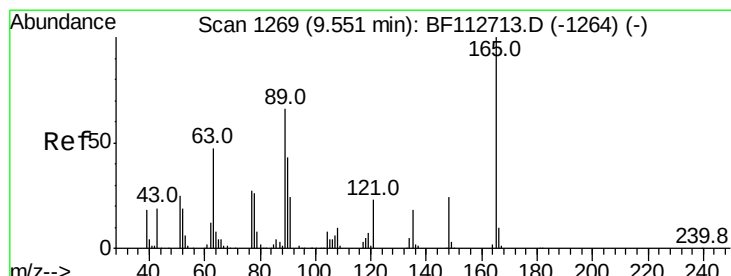
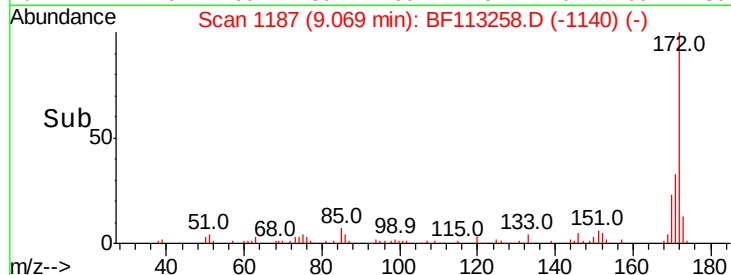
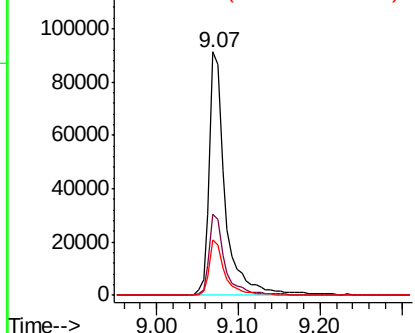
#45
 2-Fluorobiphenyl
 Concen: 2.970 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF113258.D
 Acq: 23 Mar 2019 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 124137
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.0 43.4
 170 22.6 20.0 30.0

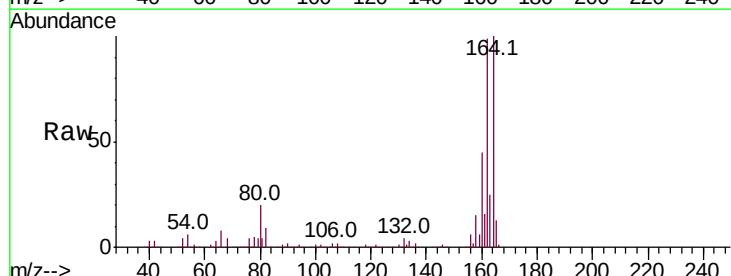


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

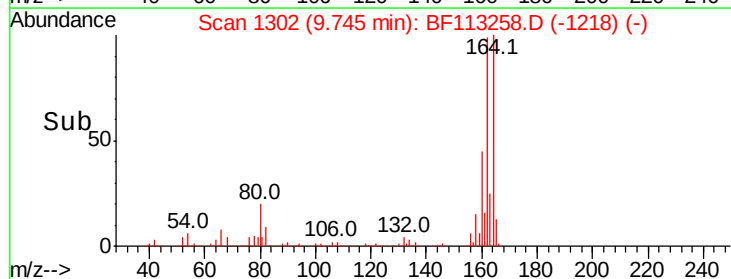
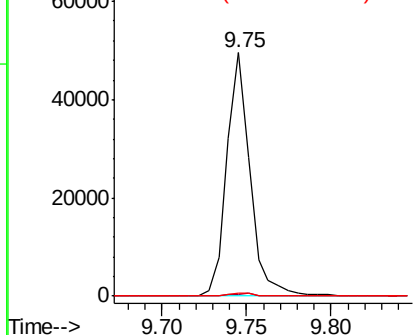


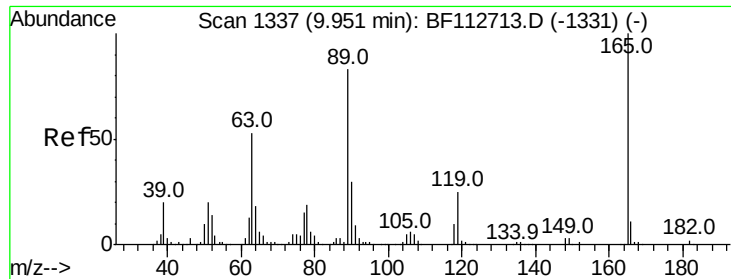
#51
 2,6-Dinitrotoluene
 Concen: 8.227 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF113258.D
 Acq: 23 Mar 2019 14:05

Tgt Ion:165 Resp: 47474
 Ion Ratio Lower Upper
 165 100
 63 0.9 54.1 81.1#
 89 1.2 52.8 79.2#



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

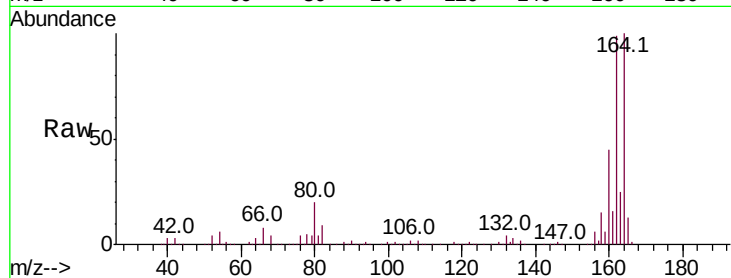




#57
 2,4-Dinitrotoluene
 Concen: 6.619 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF113258.D
 Acq: 23 Mar 2019 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#



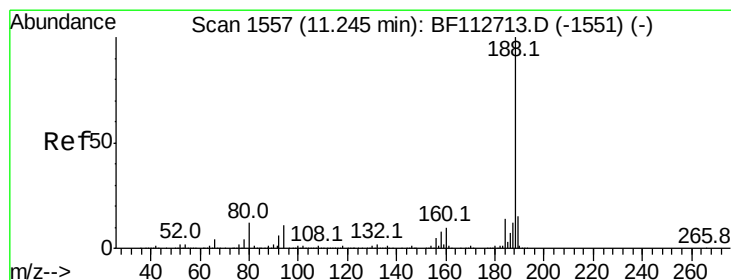
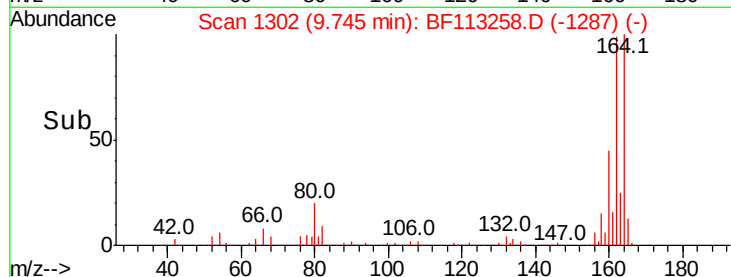
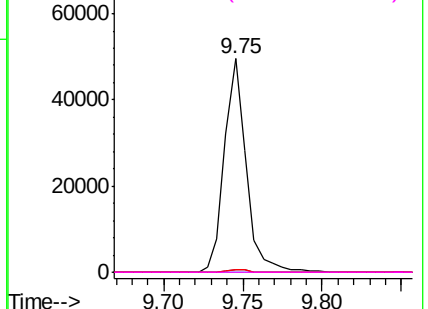
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

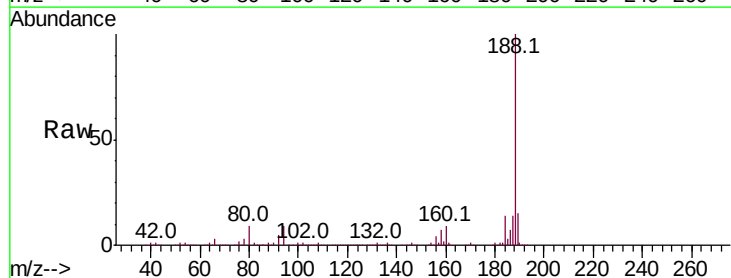
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BF113258.D
 Acq: 23 Mar 2019 14:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.0	9.2	13.8#

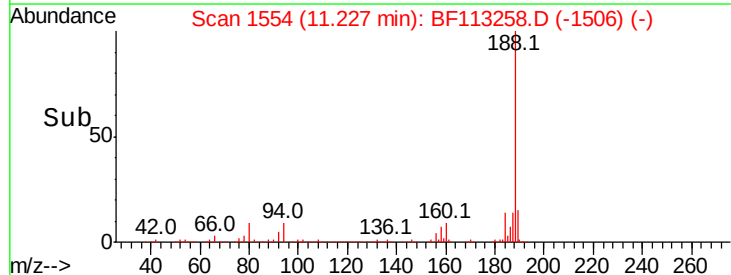
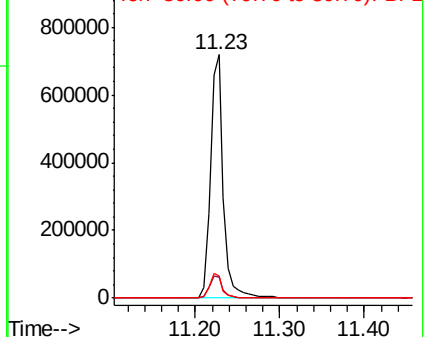


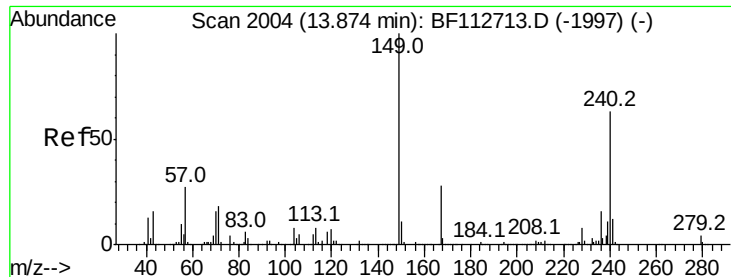
Abundance

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

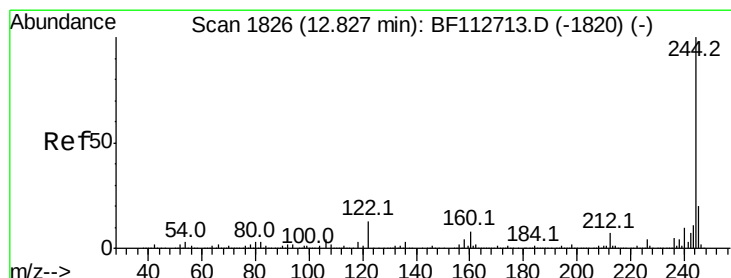
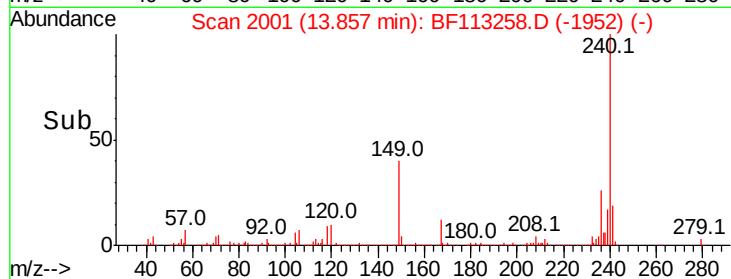
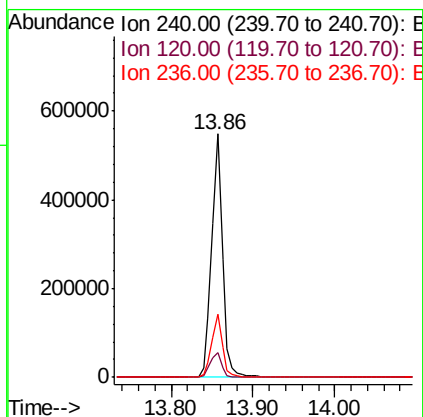
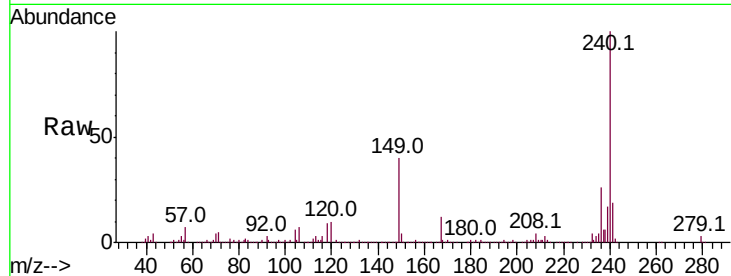




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF113258.D
 Acq: 23 Mar 2019 14:05

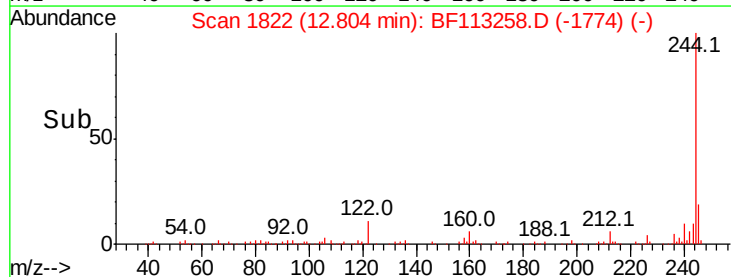
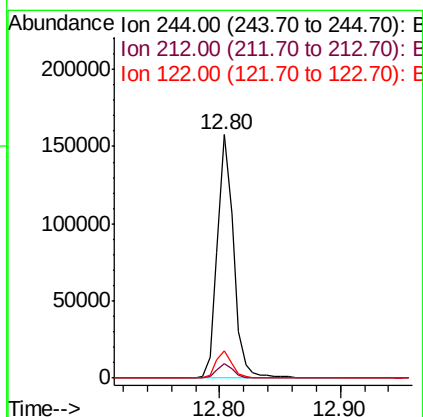
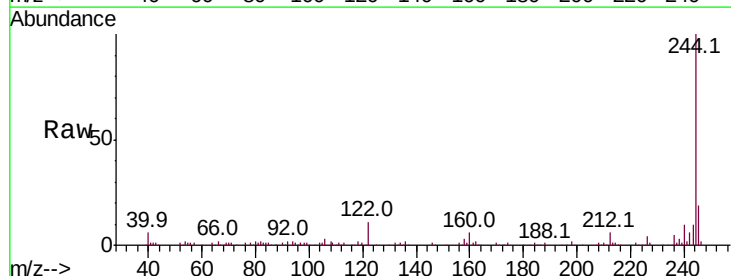
Instrument :
 BNA_F
 ClientSampleId :

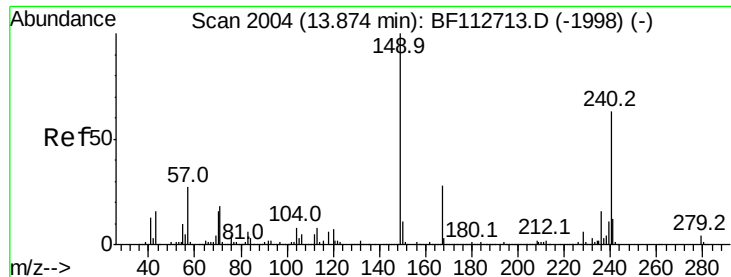
Tot Ion:240 Resp: 510512
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.9 13.3
 236 26.0 20.7 31.1



#79
 Terphenyl-d14
 Concen: 5.526 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.02 min
 Lab File: BF113258.D
 Acq: 23 Mar 2019 14:05

Tgt Ion:244 Resp: 145538
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 11.0 10.5 15.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 62.025 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF113258.D

Acq: 23 Mar 2019 14:05

Instrument :

BNA_F

ClientSampleId :

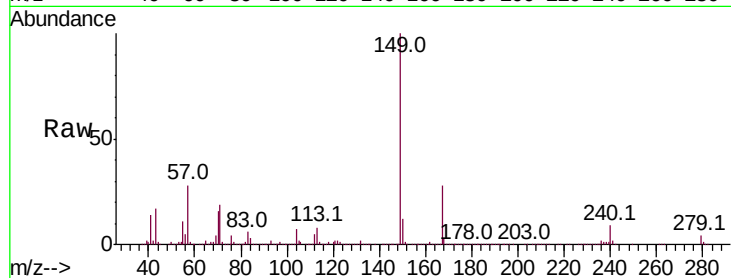
Tot Ion:149 Resp: 1382058

Ion Ratio Lower Upper

149 100

167 28.4 22.4 33.6

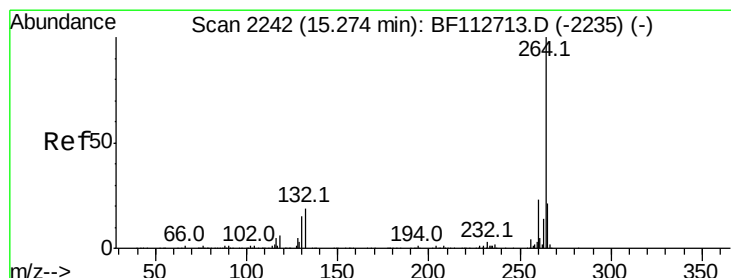
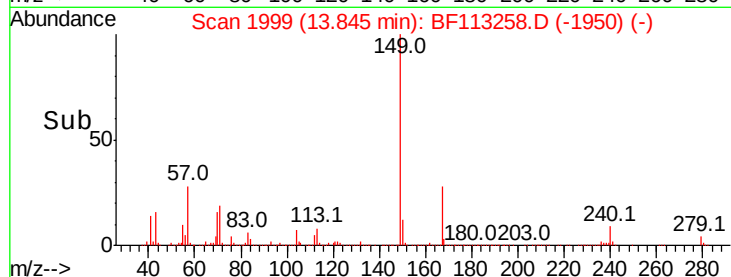
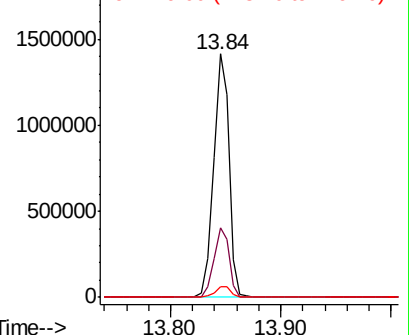
279 4.2 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF113258.D

Acq: 23 Mar 2019 14:05

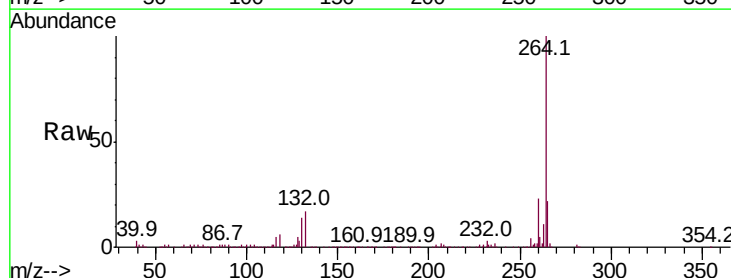
Tgt Ion:264 Resp: 463588

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.6 17.2 25.8



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

