

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
 Data File : BF112947.D
 Acq On : 8 Mar 2019 16:33
 Operator : JU/SJ
 Sample : K1808-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

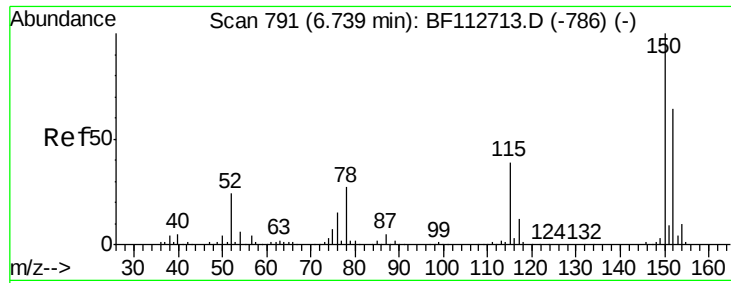
Quant Time: Mar 08 22:08:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	197928	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	757203	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	374414	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	774980	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	664594	20.00	ng	-0.01
87) Perylene-d12	15.26	264	542995	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1397143	109.80	ng	0.00
7) Phenol-d6	6.37	99	1800094	112.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	1101670	87.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	563442	141.75	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1951673	86.87	ng	-0.01
79) Terphenyl-d14	12.82	244	2147963	62.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	146164	14.439	ng	# 74
25) Isophorone	7.29	82	1081030	39.654	ng	# 66
50) Dimethylphthalate	9.48	163	90590	3.281	ng	97
51) 2,6-Dinitrotoluene	9.76	165	47517	8.265	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	47518	6.649	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	1041	4.908	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	31518	3.861	ng	# 1

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

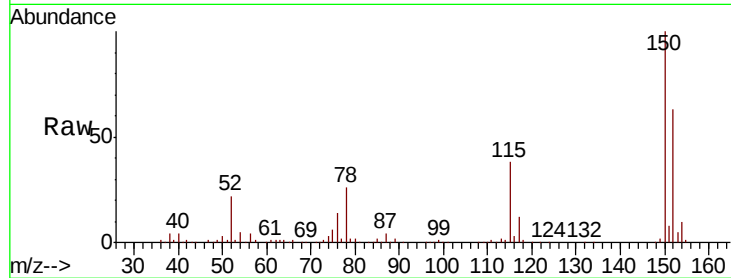


#1

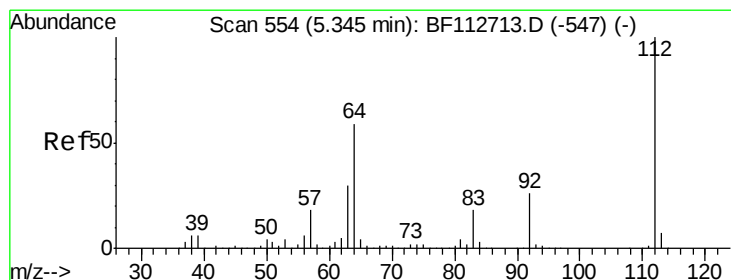
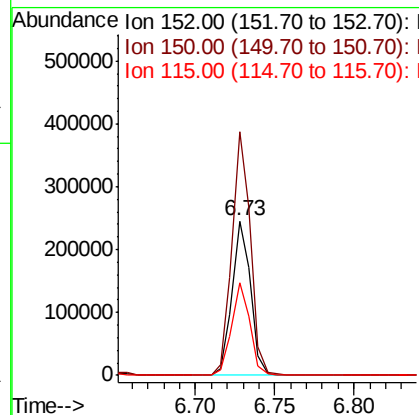
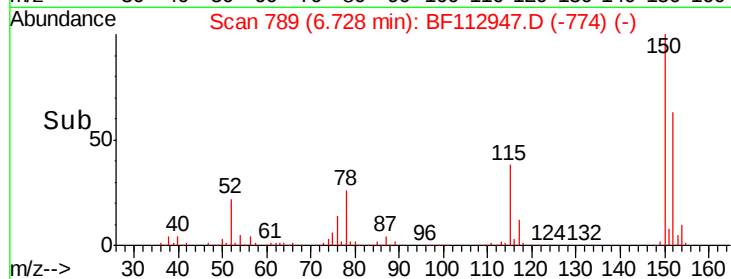
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112947.D
Acq: 8 Mar 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 197928
Ion Ratio Lower Upper
152 100
150 157.7 124.2 186.2
115 59.6 48.2 72.4



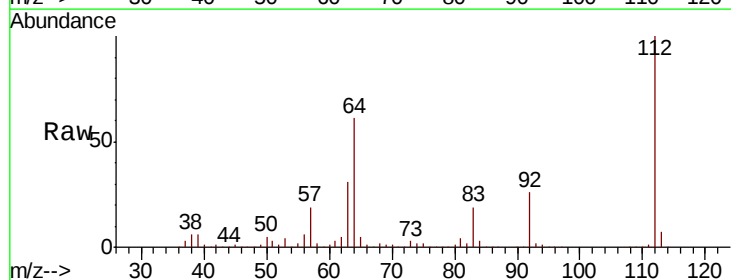
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



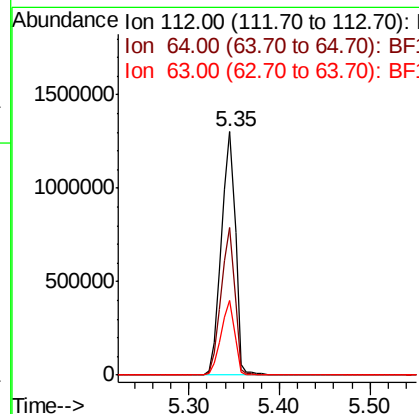
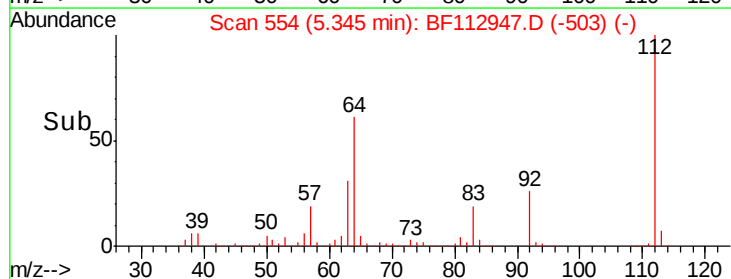
#5

2-Fluorophenol
Concen: 109.803 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112947.D
Acq: 8 Mar 2019 16:33

Tgt Ion:112 Resp: 1397143
Ion Ratio Lower Upper
112 100
64 60.5 47.6 71.4
63 30.9 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: 112.622 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112947.D

Acq: 8 Mar 2019 16:33

Instrument :

BNA_F

ClientSampleId :

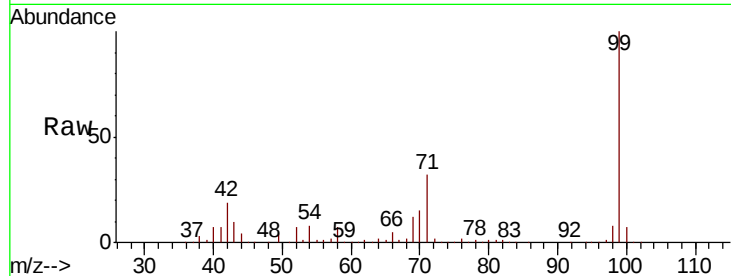
Tot Ion: 99 Resp: 1800094

Ion Ratio Lower Upper

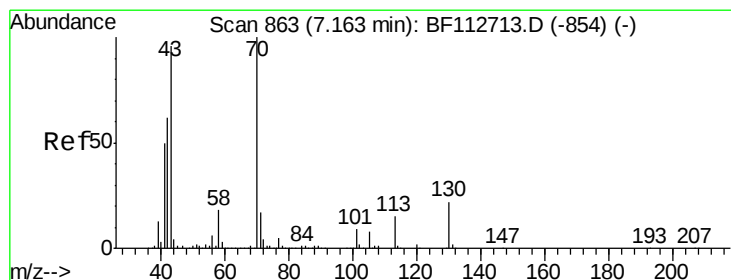
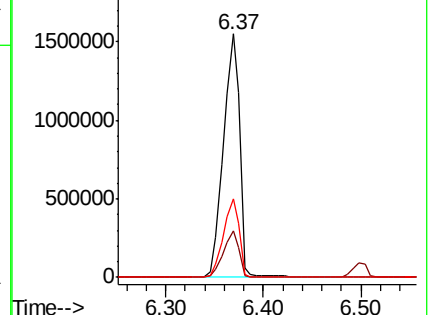
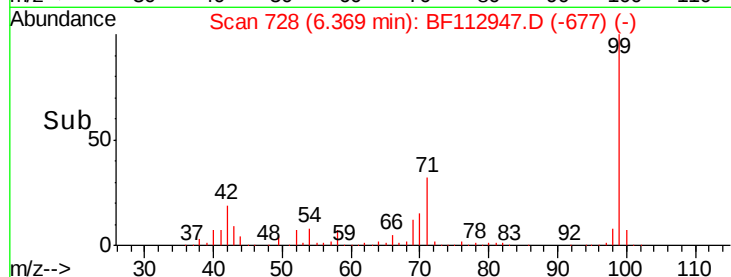
99 100

42 19.0 16.3 24.5

71 32.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.439 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112947.D

Acq: 8 Mar 2019 16:33

Tgt Ion: 70 Resp: 146164

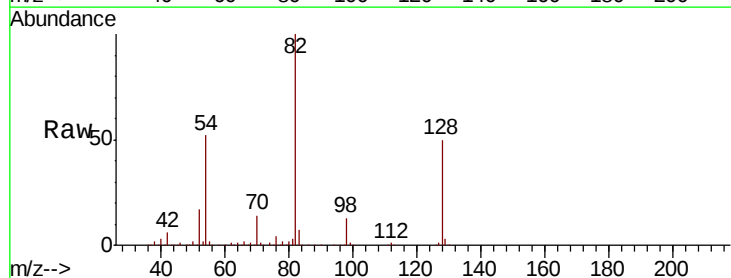
Ion Ratio Lower Upper

70 100

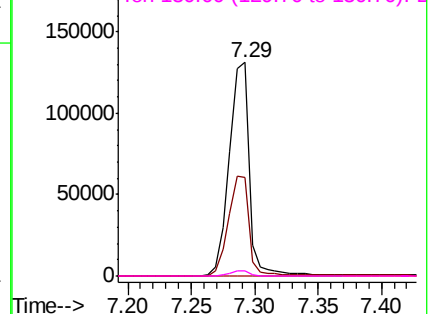
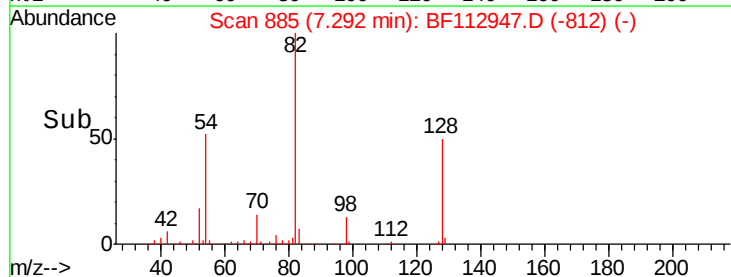
42 45.9 49.9 74.9#

101 0.0 7.4 11.2#

130 2.2 17.4 26.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

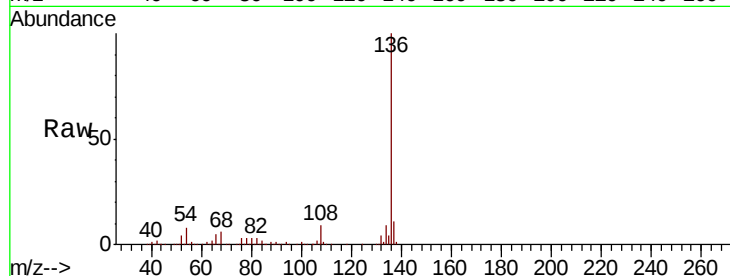




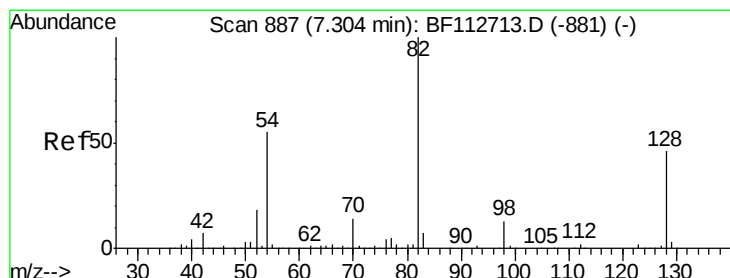
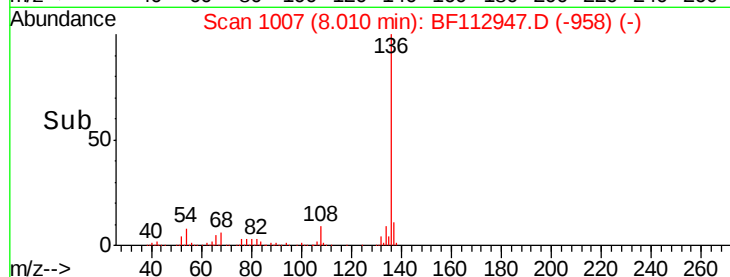
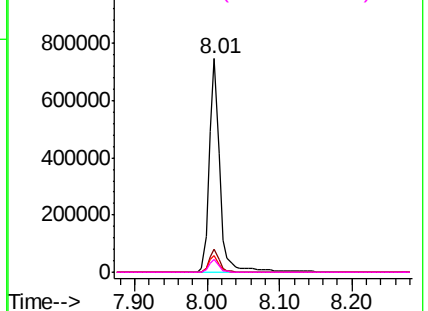
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112947.D
Acq: 8 Mar 2019 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	757203
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 7.8	7.3	10.9
68 6.1	5.4	8.2

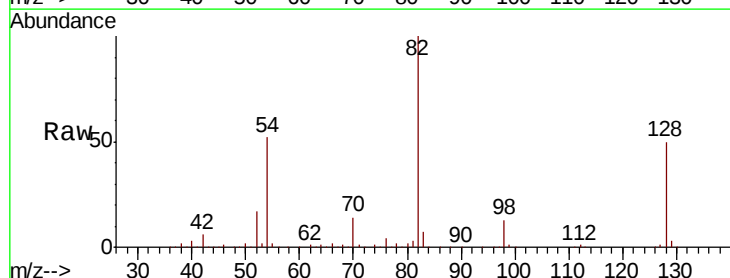


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

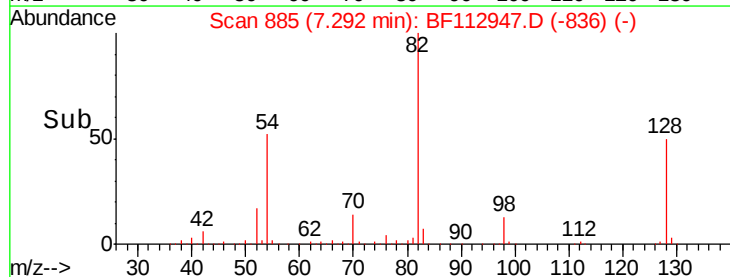
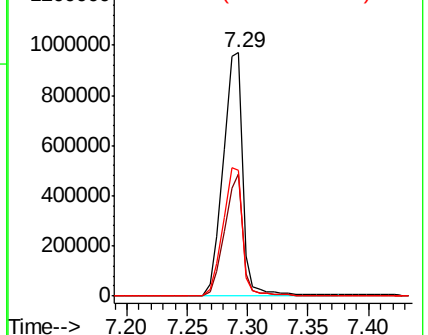


#23
Nitrobenzene-d5
Concen: 87.059 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112947.D
Acq: 8 Mar 2019 16:33

Tgt Ion: 82	Resp: 1101670
Ion Ratio	Lower Upper
82 100	
128 50.4	36.3 54.5
54 51.6	43.7 65.5



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

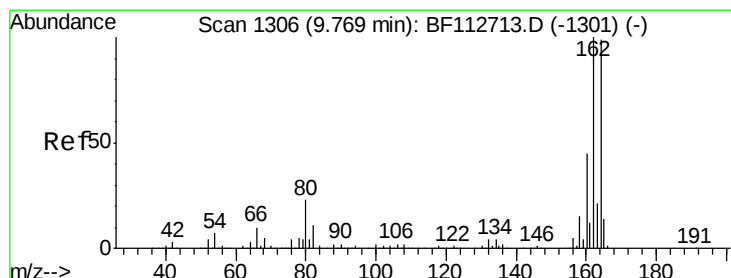
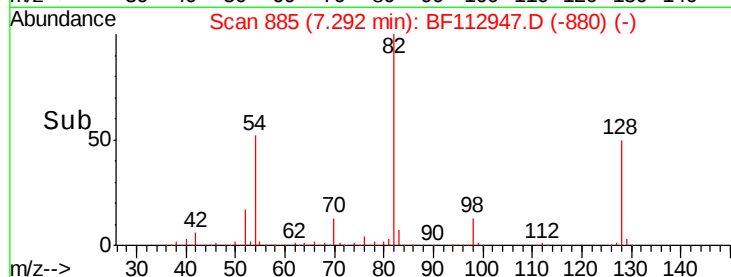
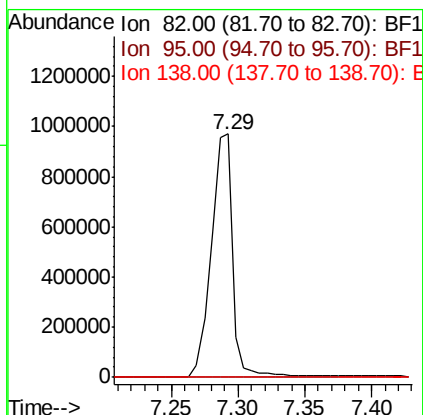
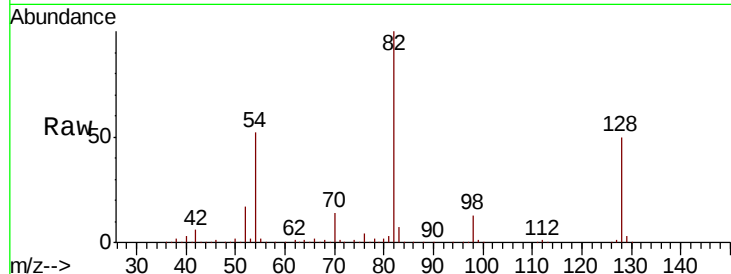




#25
Isophorone
Concen: 39.654 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112947.D
Acq: 8 Mar 2019 16:33

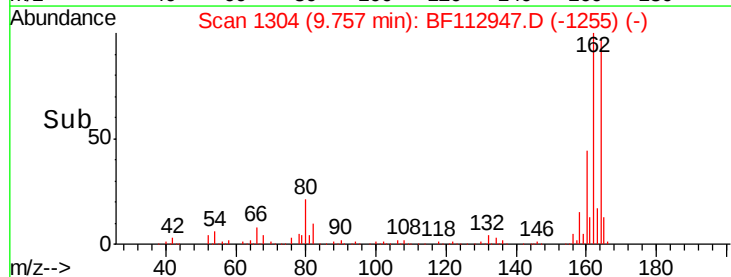
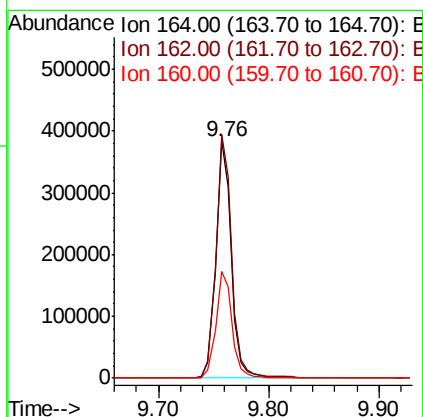
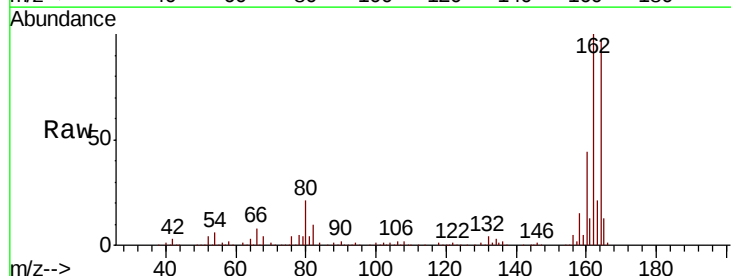
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1081030
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112947.D
Acq: 8 Mar 2019 16:33

Tgt Ion:164 Resp: 374414
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 44.8 36.0 54.0

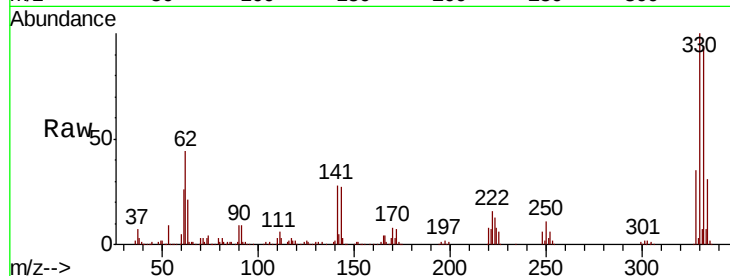




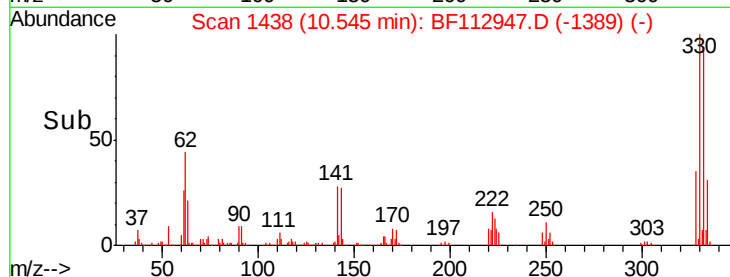
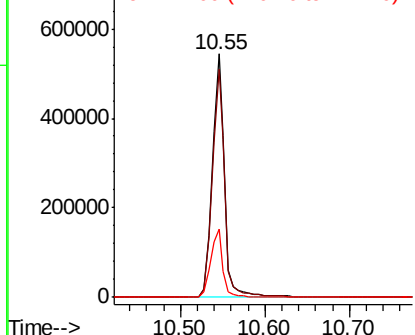
#42
 2,4,6-Tribromophenol
 Concen: 141.751 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112947.D
 Acq: 8 Mar 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 563442
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 28.1 27.0 40.6

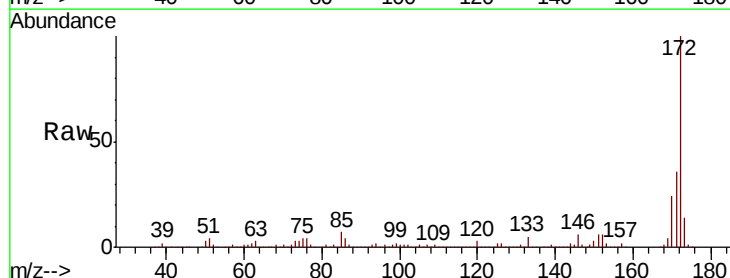


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

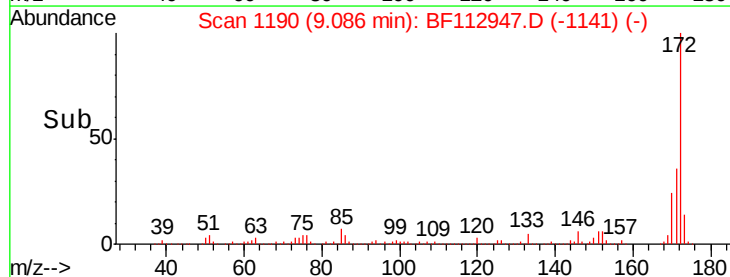
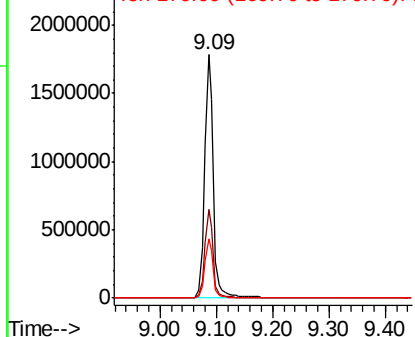


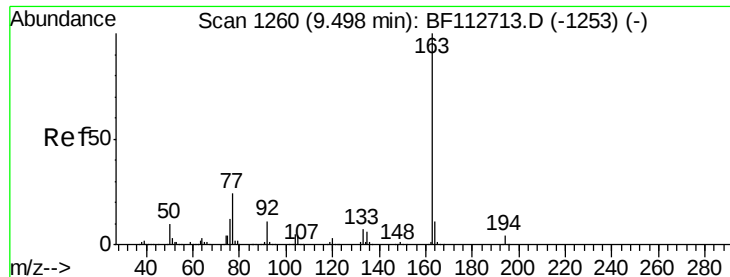
#45
 2-Fluorobiphenyl
 Concen: 86.871 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112947.D
 Acq: 8 Mar 2019 16:33

Tgt Ion:172 Resp: 1951673
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.4 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





#50

Dimethylphthalate

Concen: 3.281 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF112947.D

Acq: 8 Mar 2019 16:33

Instrument :

BNA_F

ClientSampleId :

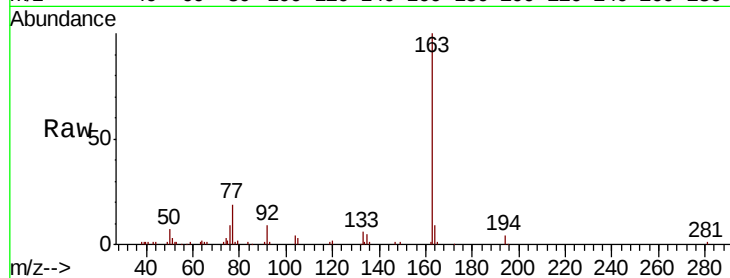
Tot Ion:163 Resp: 90590

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

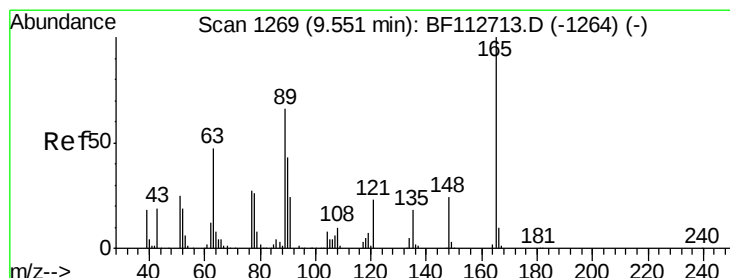
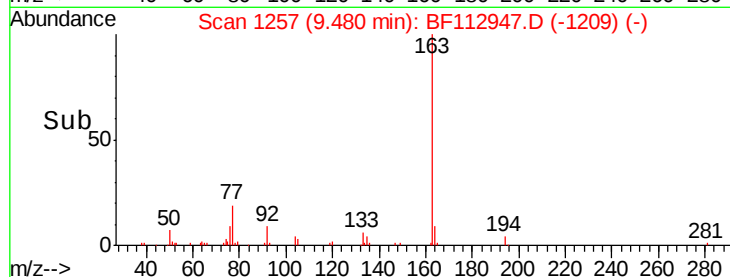
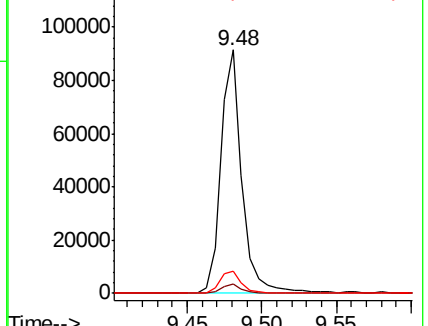
164 9.2 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 8.265 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF112947.D

Acq: 8 Mar 2019 16:33

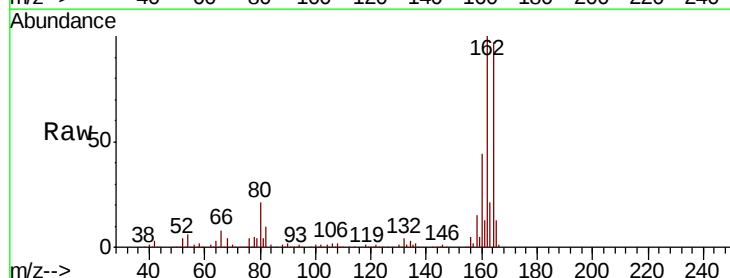
Tgt Ion:165 Resp: 47517

Ion Ratio Lower Upper

165 100

63 1.1 54.1 81.1#

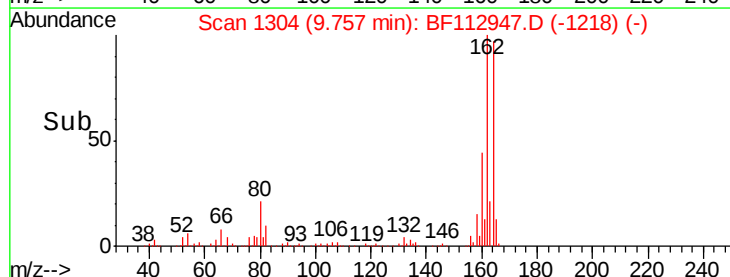
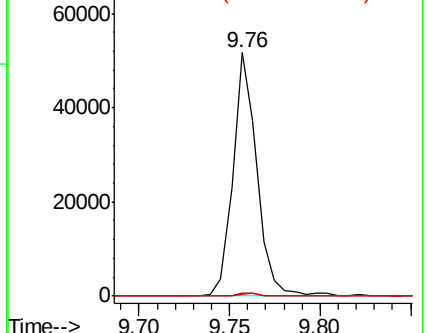
89 0.9 52.8 79.2#



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

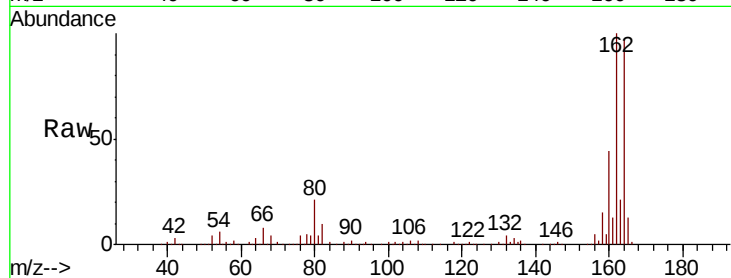




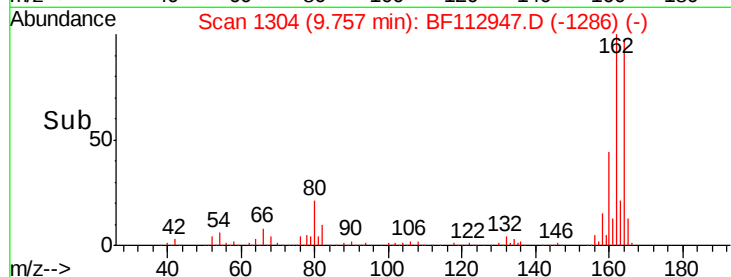
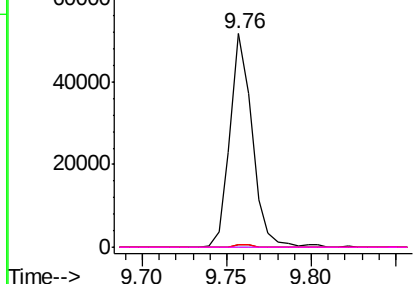
#57
 2,4-Dinitrotoluene
 Concen: 6.649 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF112947.D
 Acq: 8 Mar 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	47518
Ion Ratio	Lower	Upper
165	100	
63	1.1	42.2 63.2#
89	0.9	66.2 99.4#
182	0.0	1.8 2.6#

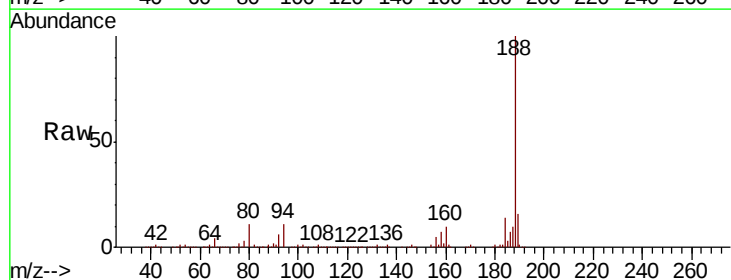


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

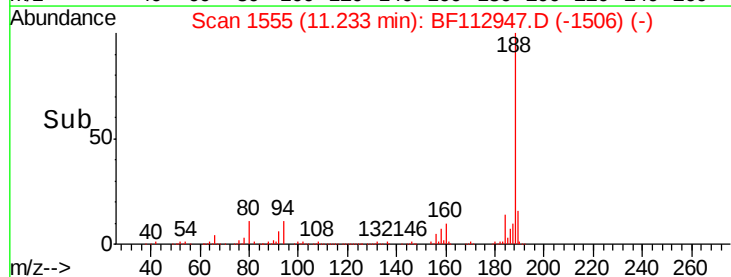
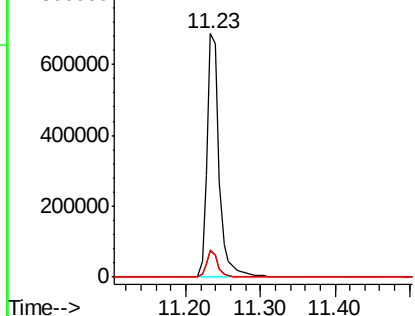


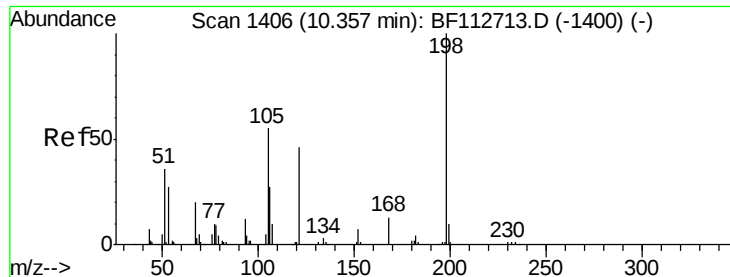
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF112947.D
 Acq: 8 Mar 2019 16:33

Tgt Ion:188	Resp:	774980
Ion Ratio	Lower	Upper
188	100	
94	10.9	9.0 13.4
80	11.2	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

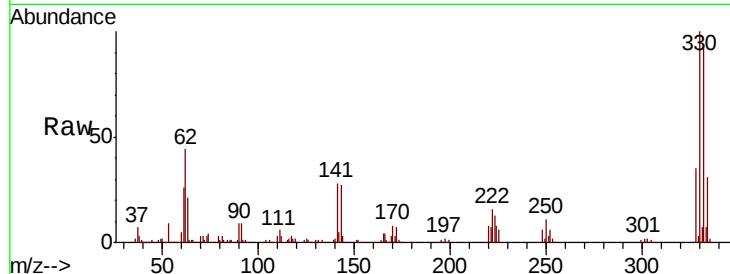




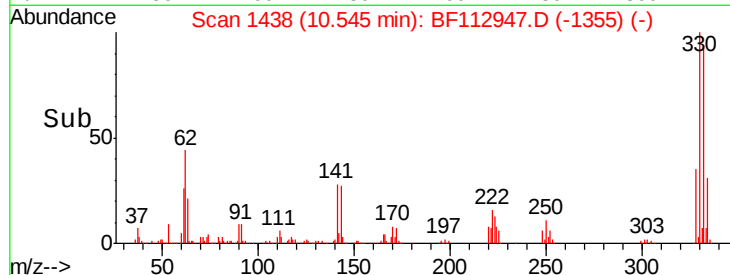
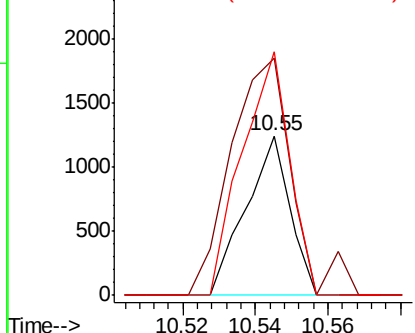
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.908 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112947.D
 Acq: 8 Mar 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 1041
 Ion Ratio Lower Upper
 198 100
 51 149.0 43.8 83.8#
 105 152.5 36.5 76.5#

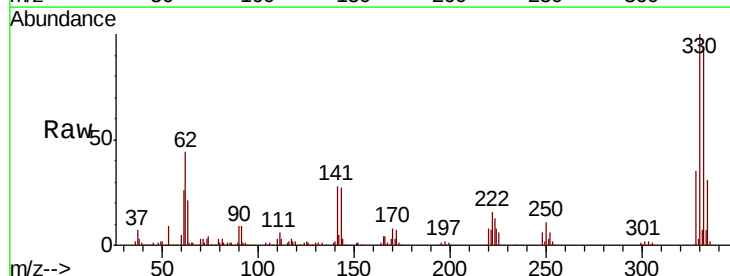


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

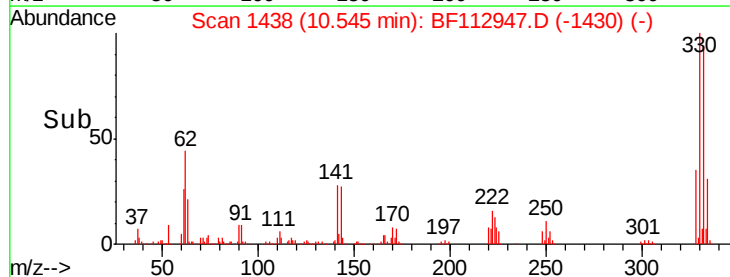
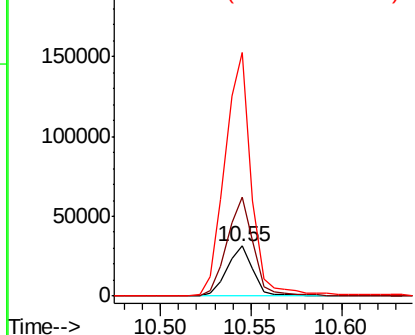


#67
 4-Bromophenyl-phenylether
 Concen: 3.861 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112947.D
 Acq: 8 Mar 2019 16:33

Tgt Ion:248 Resp: 31518
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.5 116.3#
 141 485.0 62.4 93.6#



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

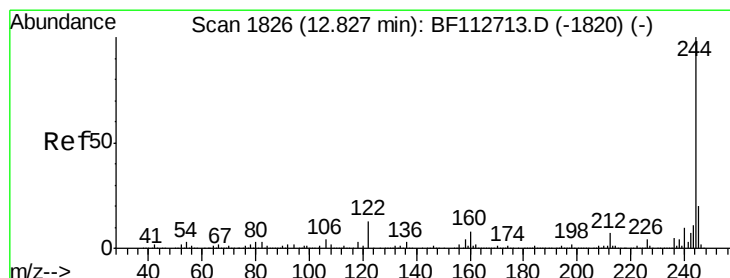
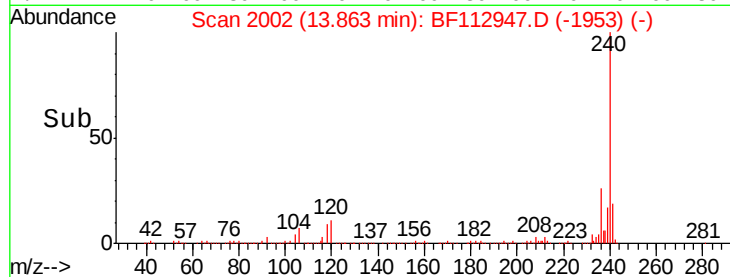
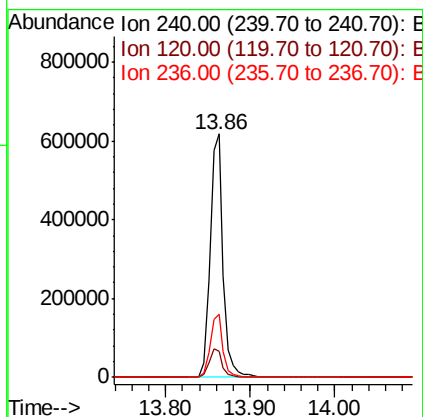
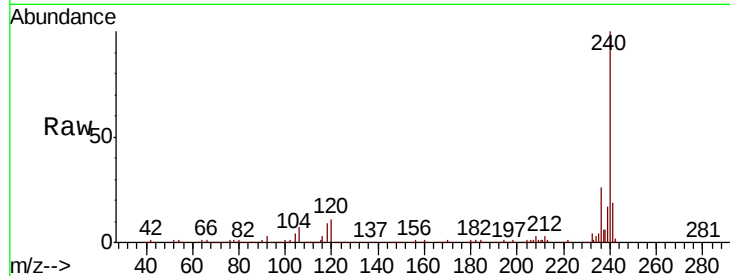




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112947.D
Acq: 8 Mar 2019 16:33

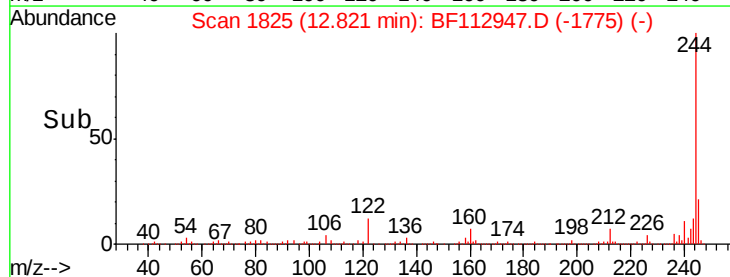
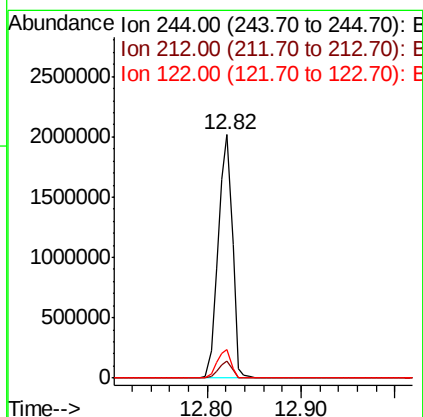
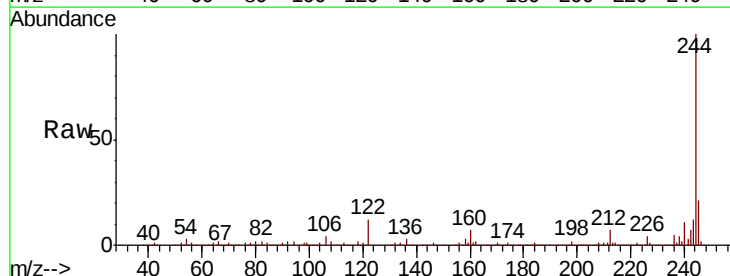
Instrument :
BNA_F
ClientSampleId :

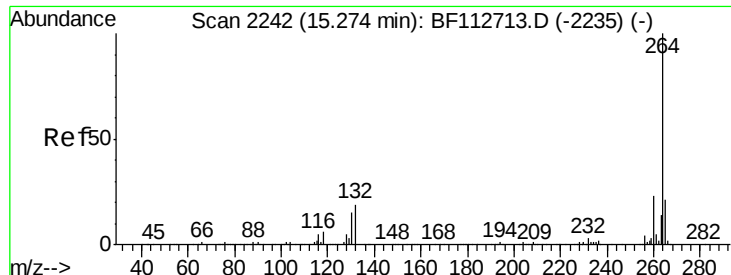
Tot Ion:240 Resp: 664594
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 62.652 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112947.D
Acq: 8 Mar 2019 16:33

Tgt Ion:244 Resp: 2147963
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 11.6 10.5 15.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112947.D
 Acq: 8 Mar 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.0	17.2	25.8

