

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113175.D
 Acq On : 20 Mar 2019 17:07
 Operator : JU/SJ
 Sample : K1688-21 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:21:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

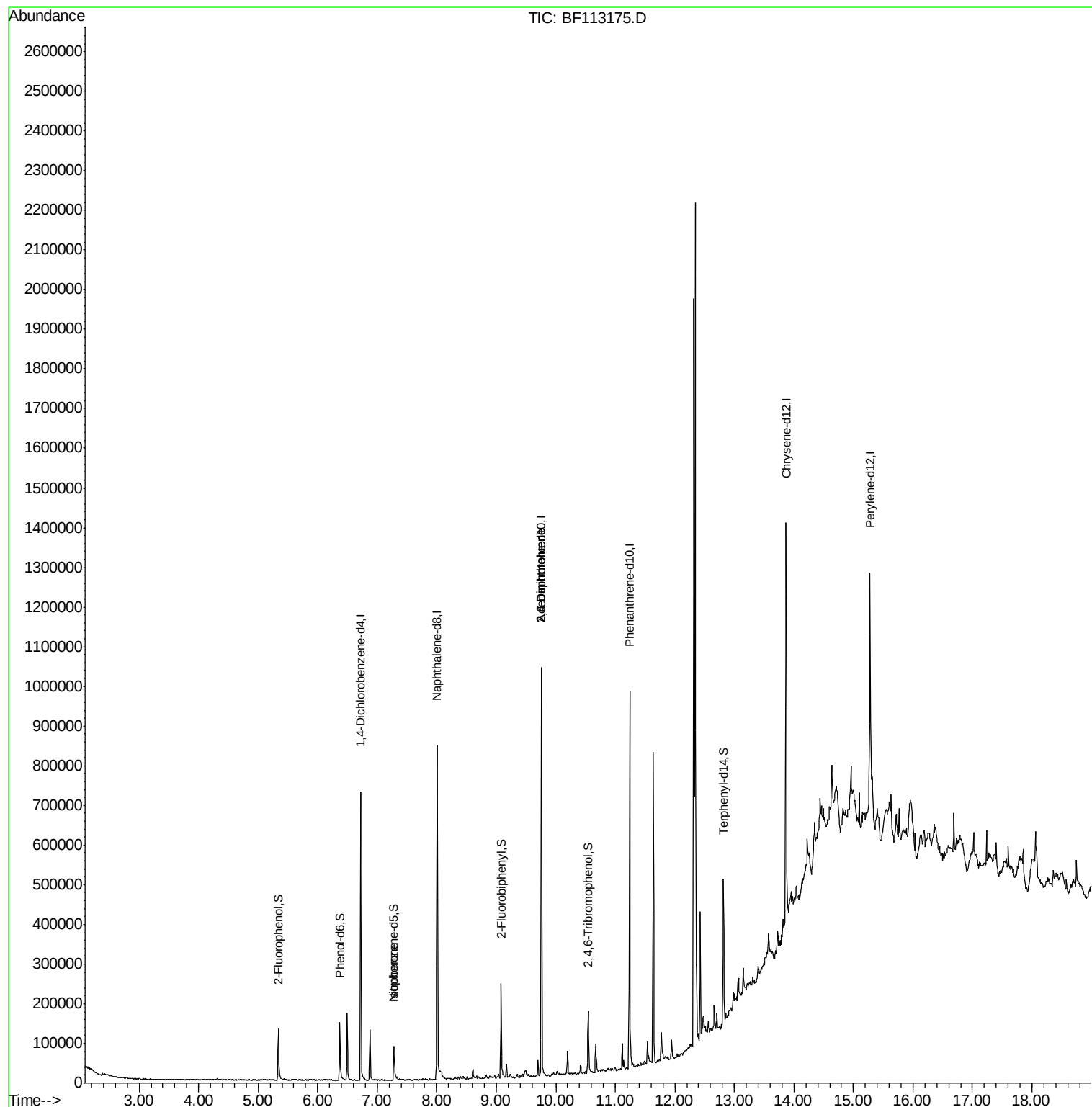
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	111740	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	445161	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	206494	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	376032	20.00	ng	0.00
76) Chrysene-d12	13.87	240	349716	20.00	ng	0.00
87) Perylene-d12	15.28	264	287147	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	44325	6.17	ng	0.00
7) Phenol-d6	6.37	99	62039	6.88	ng	0.00
23) Nitrobenzene-d5	7.28	82	34262	4.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	22428	10.23	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	87097	4.23	ng	0.00
79) Terphenyl-d14	12.82	244	118066	6.54	ng	0.00
Target Compounds						
25) Isophorone	7.28	82	34261	2.138	ng	# 65
51) 2,6-Dinitrotoluene	9.76	165	27286	8.606	ng	# 26
57) 2,4-Dinitrotoluene	9.76	165	27286	6.923	ng	# 23

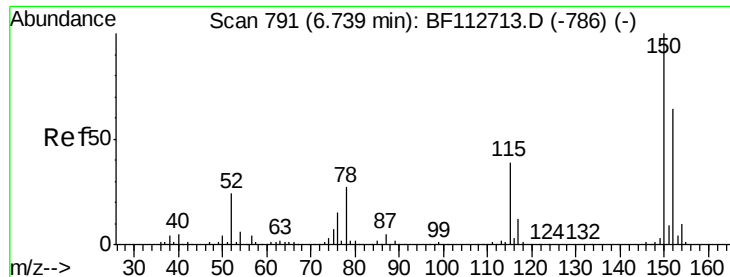
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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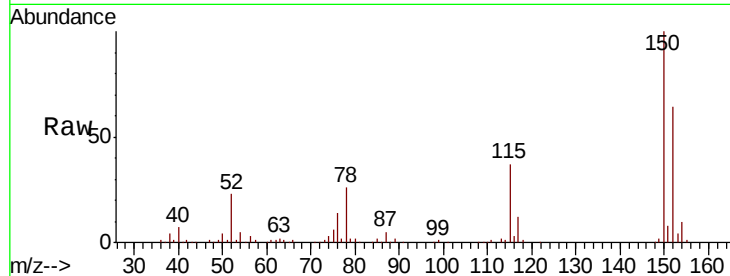


#1

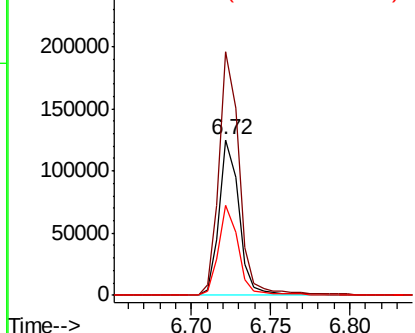
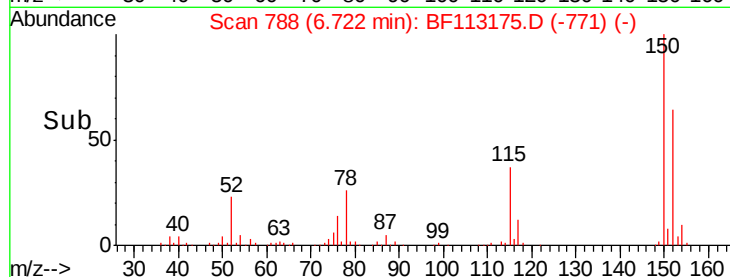
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113175.D
 Acq: 20 Mar 2019 17:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 111740
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.0 184.6
 115 58.0 45.9 68.9



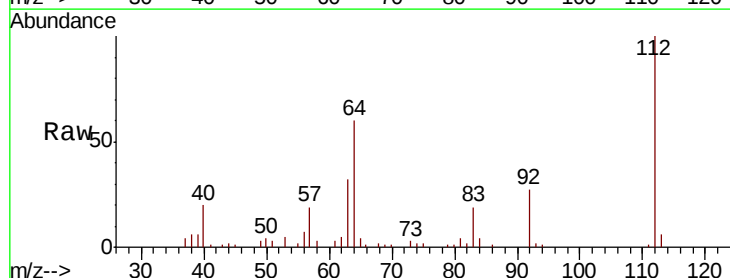
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



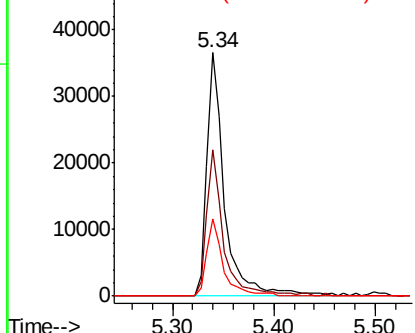
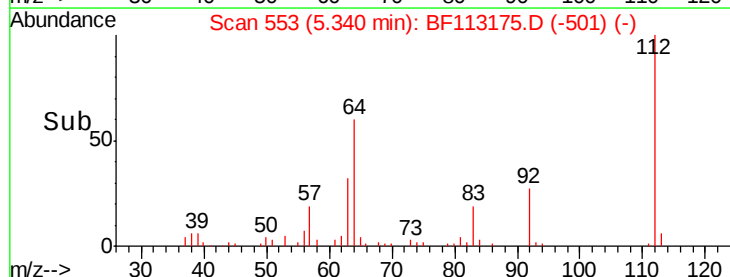
#5

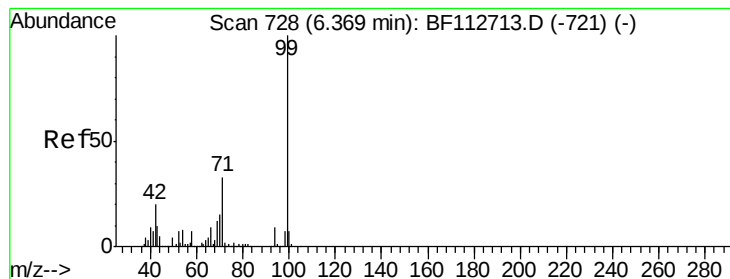
2-Fluorophenol
 Concen: 6.171 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF113175.D
 Acq: 20 Mar 2019 17:07

Tgt Ion:112 Resp: 44325
 Ion Ratio Lower Upper
 112 100
 64 60.3 49.3 73.9
 63 31.6 25.4 38.2



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: 6.875 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113175.D

Acq: 20 Mar 2019 17:07

Instrument :

BNA_F

ClientSampleId :

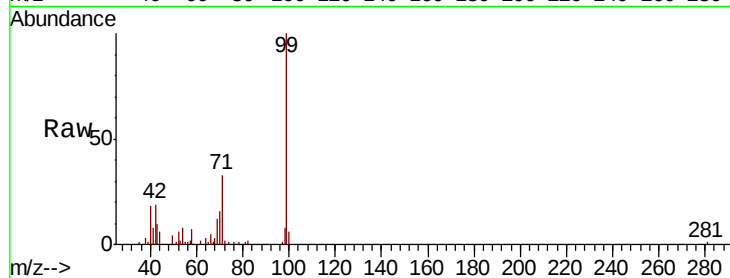
Tot Ion: 99 Resp: 62039

Ion Ratio Lower Upper

99 100

42 19.2 15.2 22.8

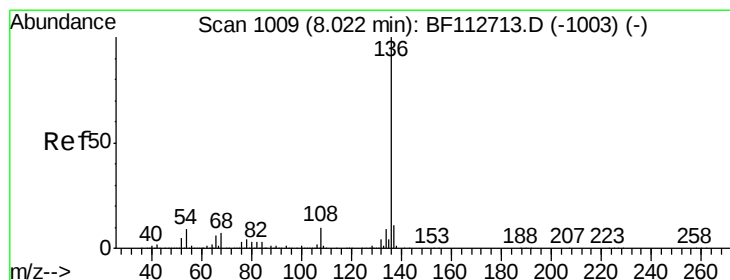
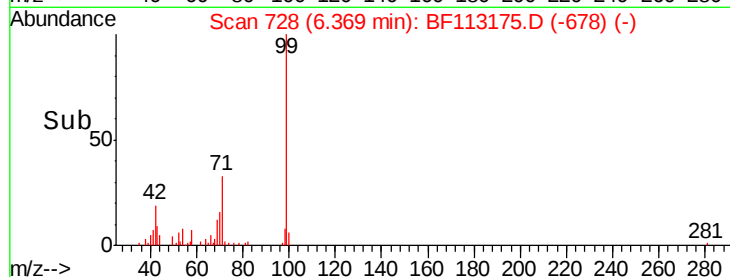
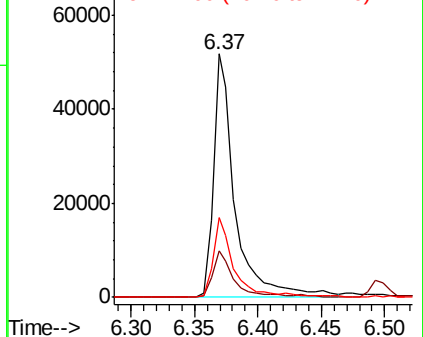
71 33.0 25.7 38.5



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: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113175.D

Acq: 20 Mar 2019 17:07

Tgt Ion: 136 Resp: 445161

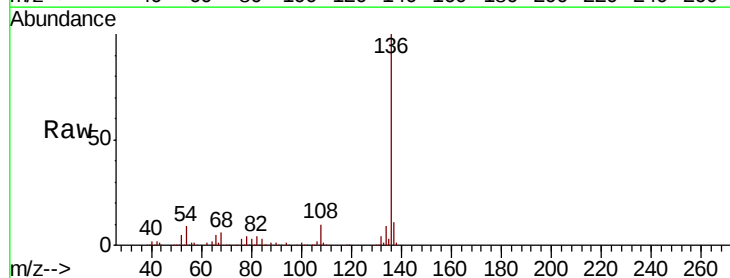
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.7 7.0 10.6

68 5.9 5.0 7.4

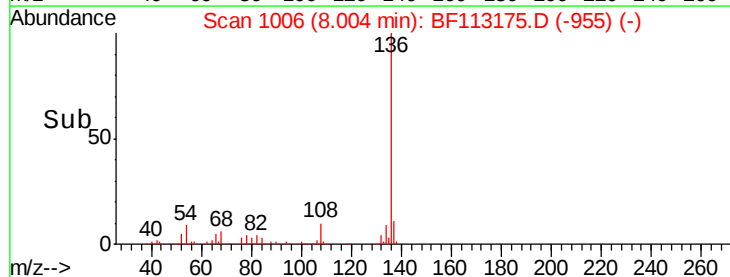
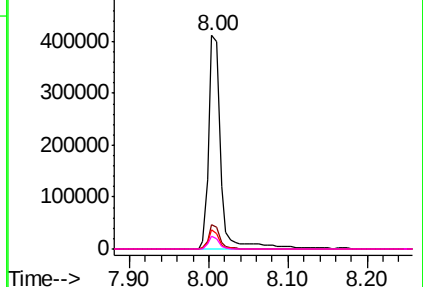


Abundance Ion 136.00 (135.70 to 136.70): E

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

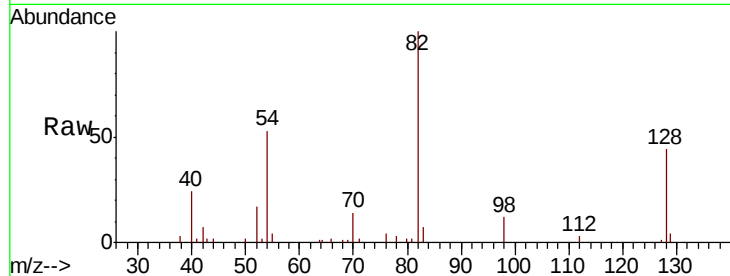




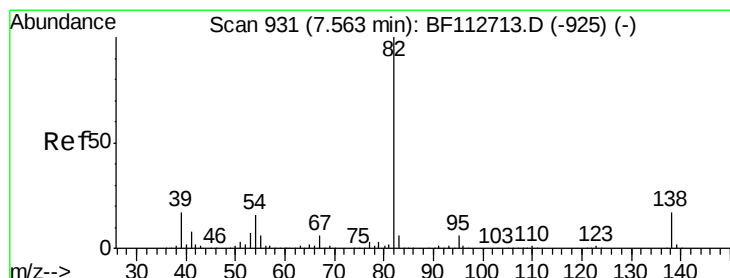
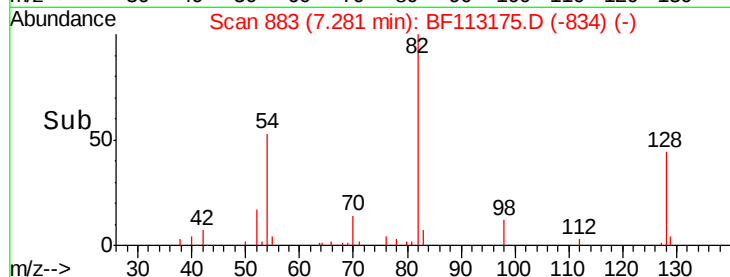
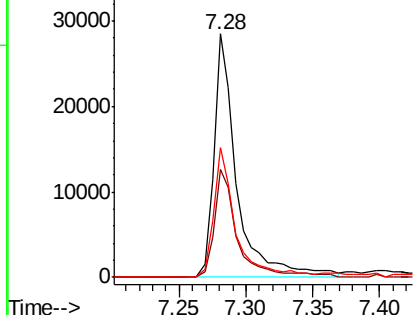
#23
Nitrobenzene-d5
Concen: 4.605 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113175.D
Acq: 20 Mar 2019 17:07

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 34262
Ion Ratio Lower Upper
82 100
128 44.3 37.9 56.9
54 53.4 41.2 61.8

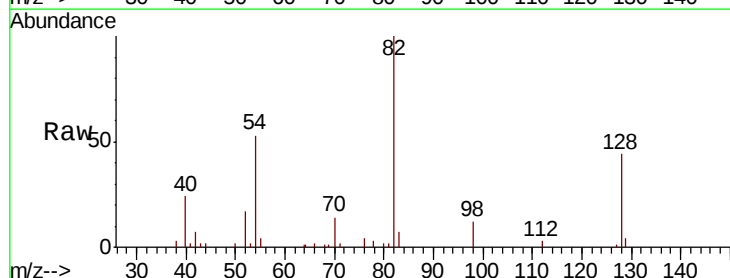


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

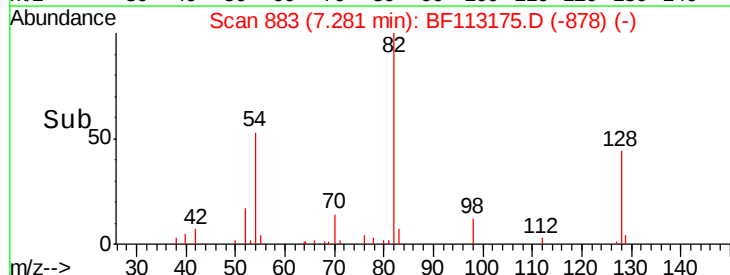
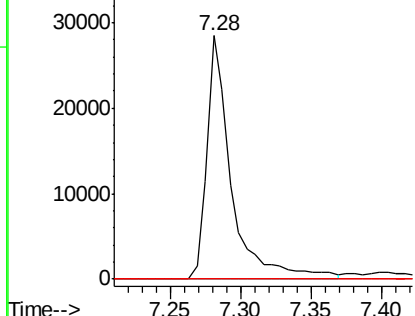


#25
Isophorone
Concen: 2.138 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF113175.D
Acq: 20 Mar 2019 17:07

Tgt Ion: 82 Resp: 34261
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.5 21.7#



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

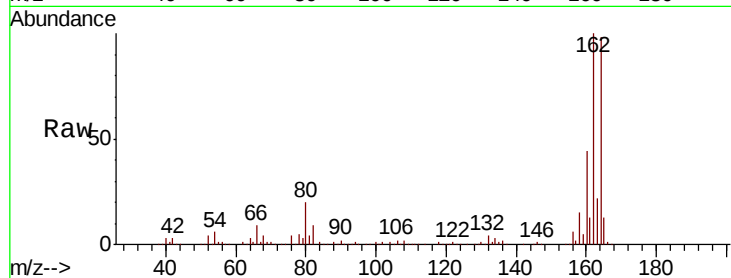




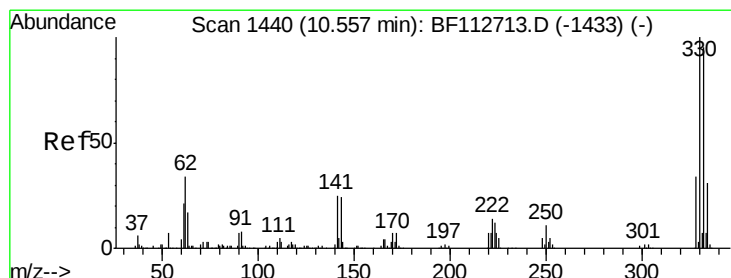
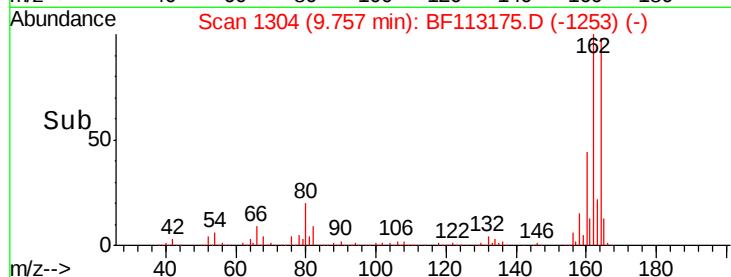
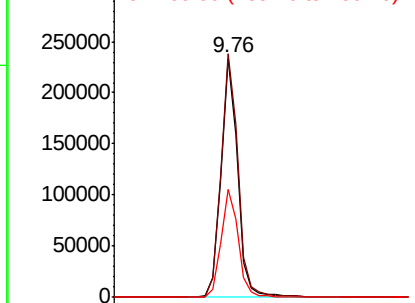
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF113175.D
 Acq: 20 Mar 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 206494
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.8 121.2
 160 45.2 36.2 54.2

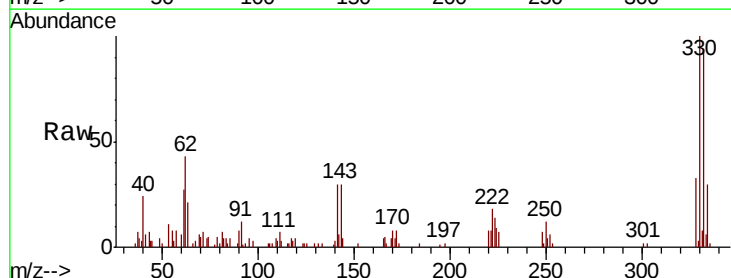


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

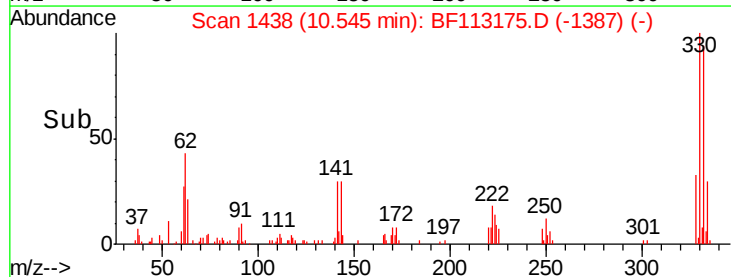
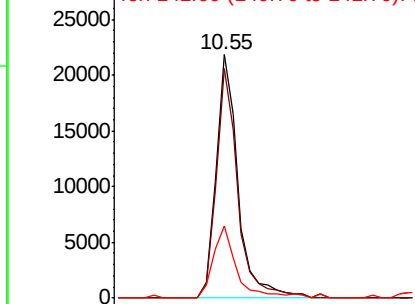


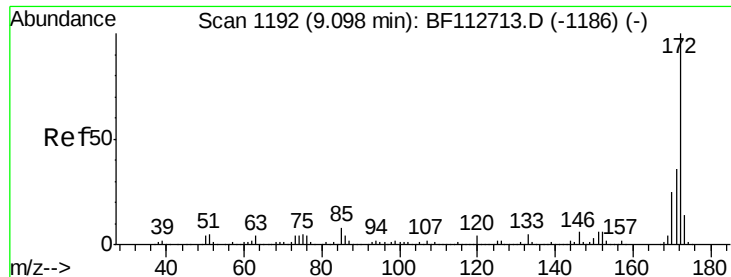
#42
 2,4,6-Tribromophenol
 Concen: 10.231 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF113175.D
 Acq: 20 Mar 2019 17:07

Tgt Ion:330 Resp: 22428
 Ion Ratio Lower Upper
 330 100
 332 92.8 76.3 114.5
 141 32.3 22.3 33.5



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

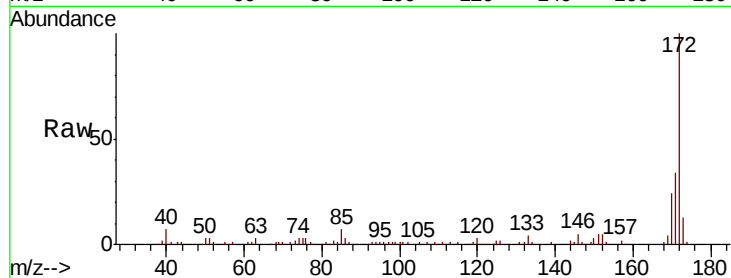




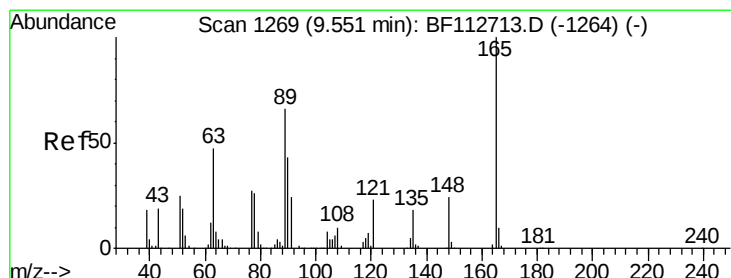
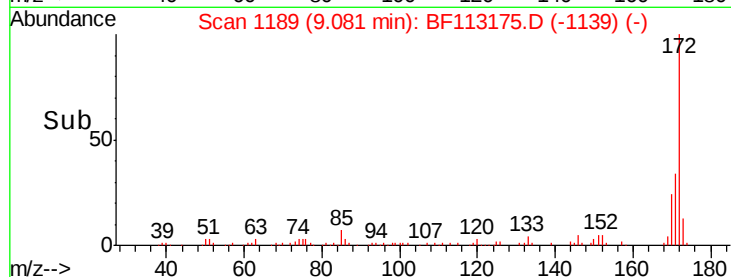
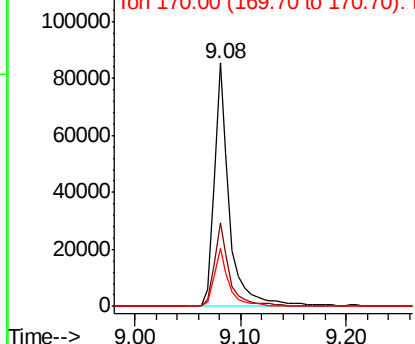
#45
 2-Fluorobiphenyl
 Concen: 4.232 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113175.D
 Acq: 20 Mar 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 87097
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.0 43.4
 170 23.9 20.1 30.1

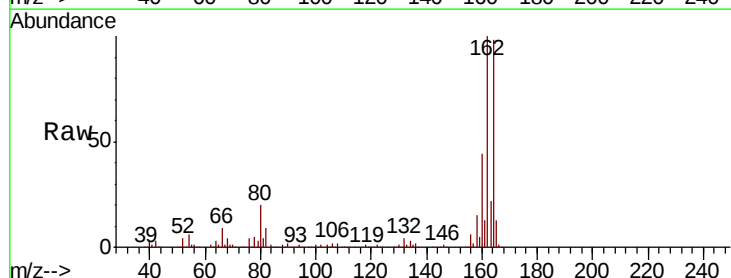


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

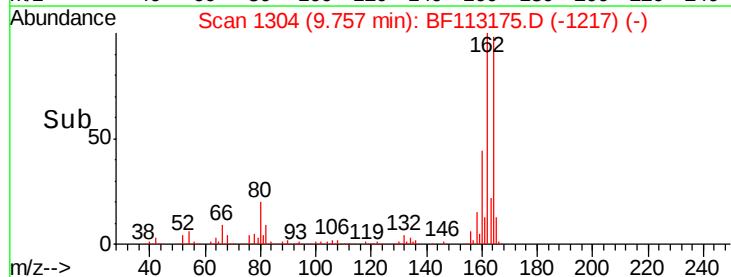
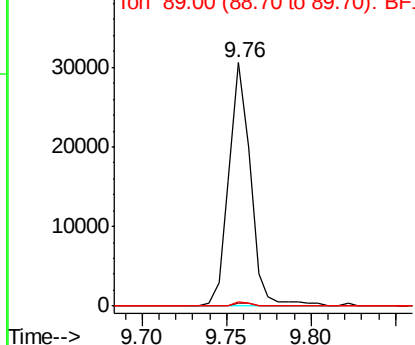


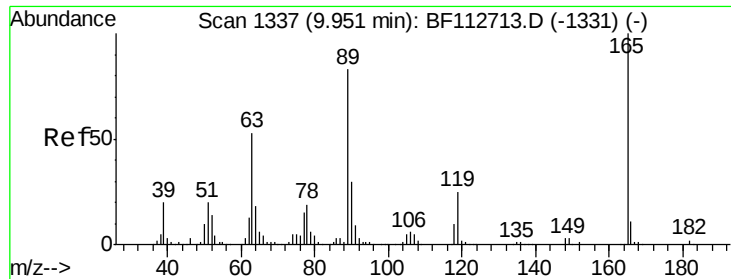
#51
 2,6-Dinitrotoluene
 Concen: 8.606 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF113175.D
 Acq: 20 Mar 2019 17:07

Tgt Ion:165 Resp: 27286
 Ion Ratio Lower Upper
 165 100
 63 1.3 45.4 68.2#
 89 1.9 43.8 65.6#



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

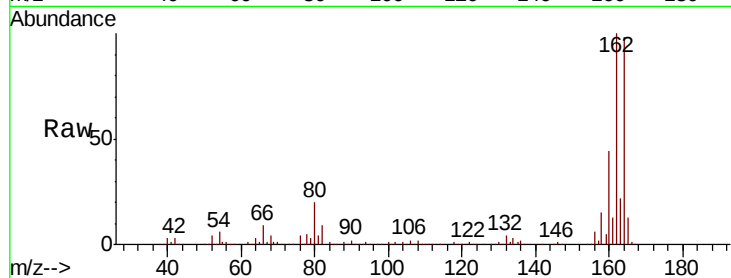




#57
2,4-Dinitrotoluene
Concen: 6.923 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF113175.D
Acq: 20 Mar 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.9	56.9#
89	1.9	58.5	87.7#
182	0.0	2.2	3.2#

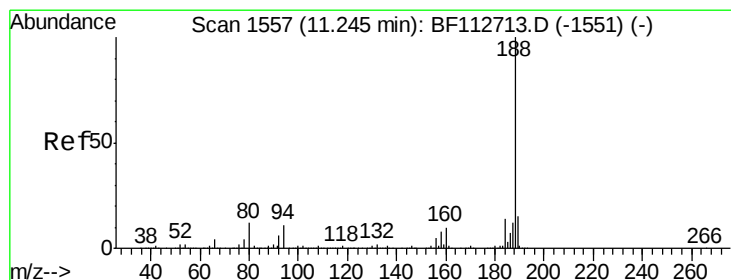
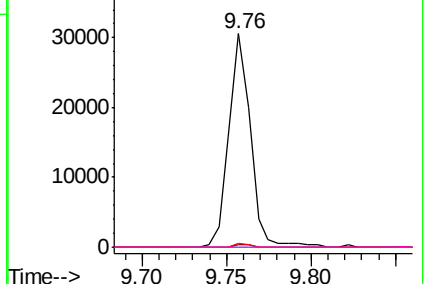
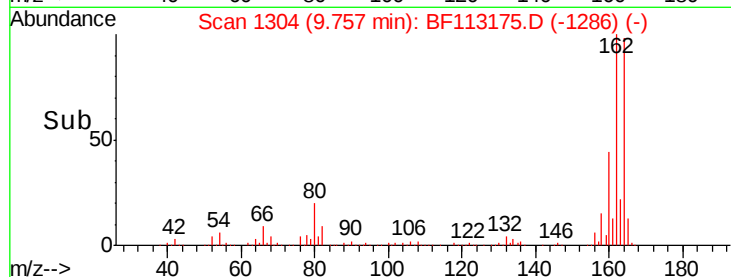


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

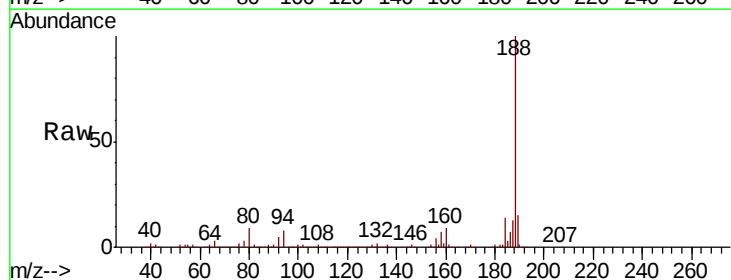
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF113175.D
Acq: 20 Mar 2019 17:07

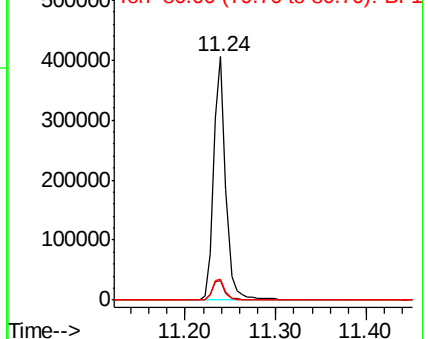
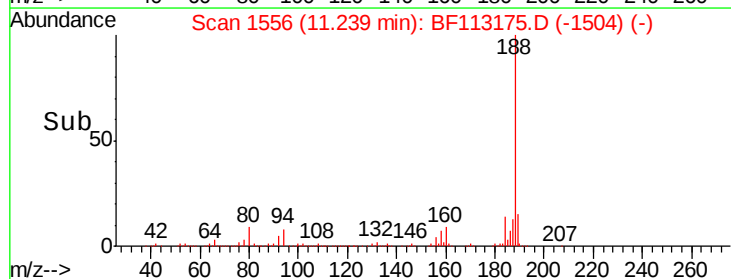
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.4	11.2
80	8.6	7.9	11.9

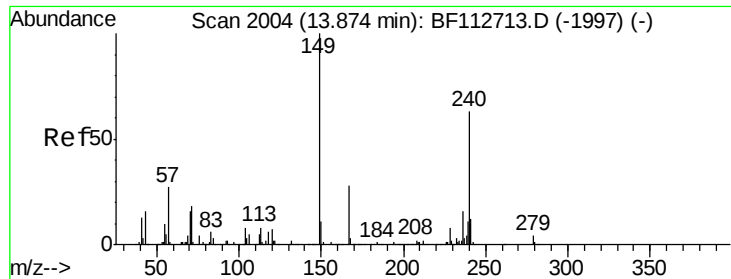


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

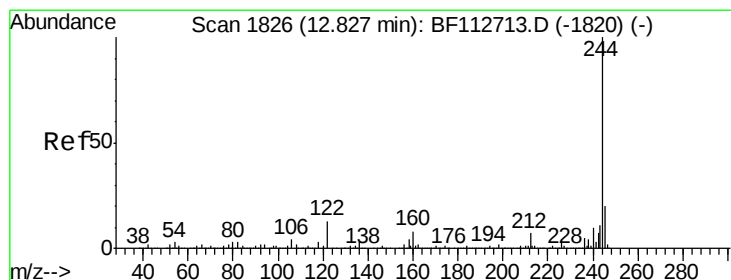
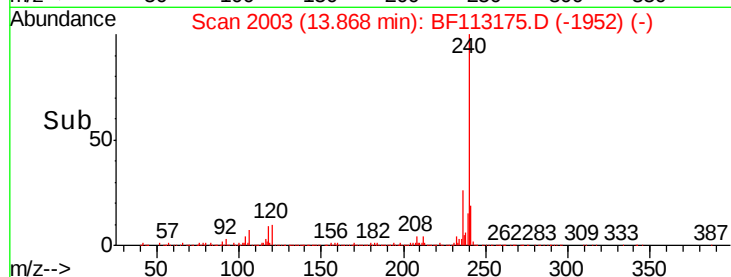
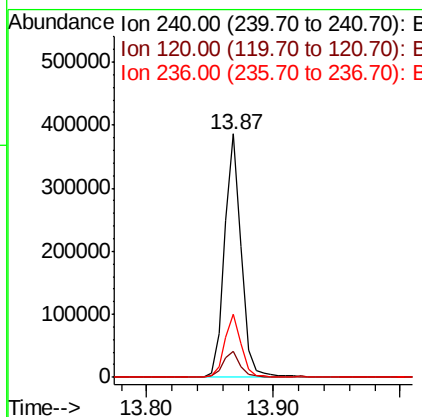
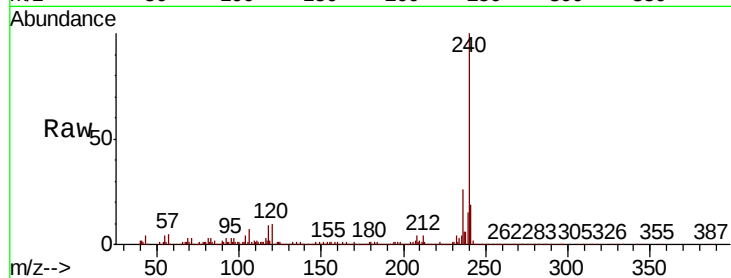




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113175.D
Acq: 20 Mar 2019 17:07

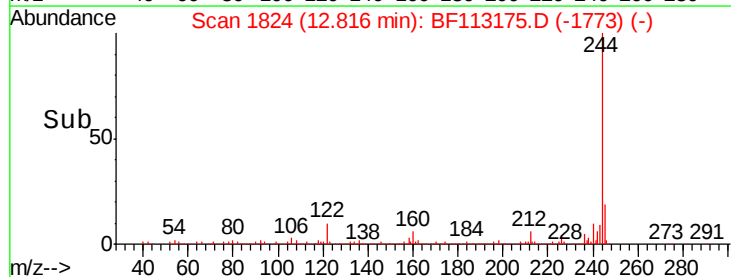
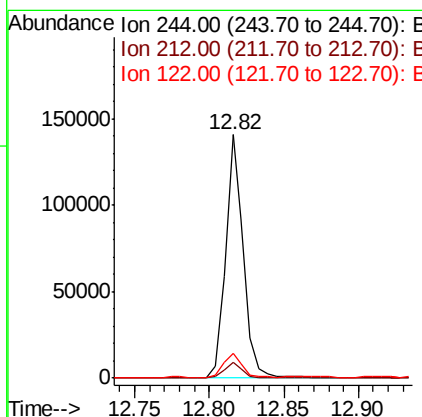
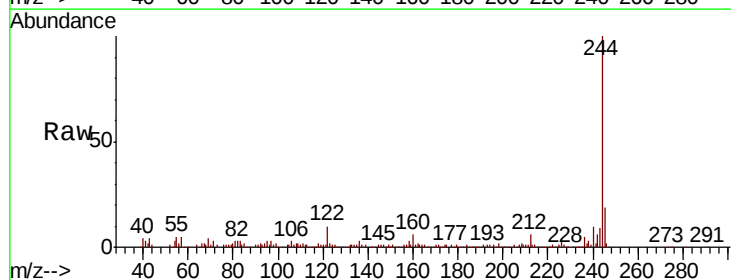
Instrument :
BNA_F
ClientSampled :

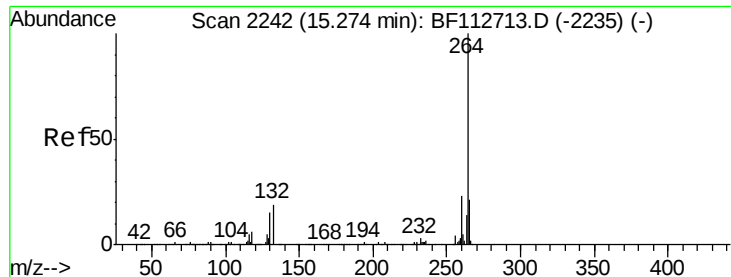
Tot Ion:240 Resp: 349716
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.9 21.2 31.8



#79
Terphenyl-d14
Concen: 6.544 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF113175.D
Acq: 20 Mar 2019 17:07

Tgt Ion:244 Resp: 118066
Ion Ratio Lower Upper
244 100
212 6.3 5.7 8.5
122 10.4 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113175.D
Acq: 20 Mar 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.5	17.7	26.5

