

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113104.D
 Acq On : 18 Mar 2019 21:33
 Operator : JU/SJ
 Sample : K1691-15 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-D

Quant Time: Mar 19 04:52:17 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

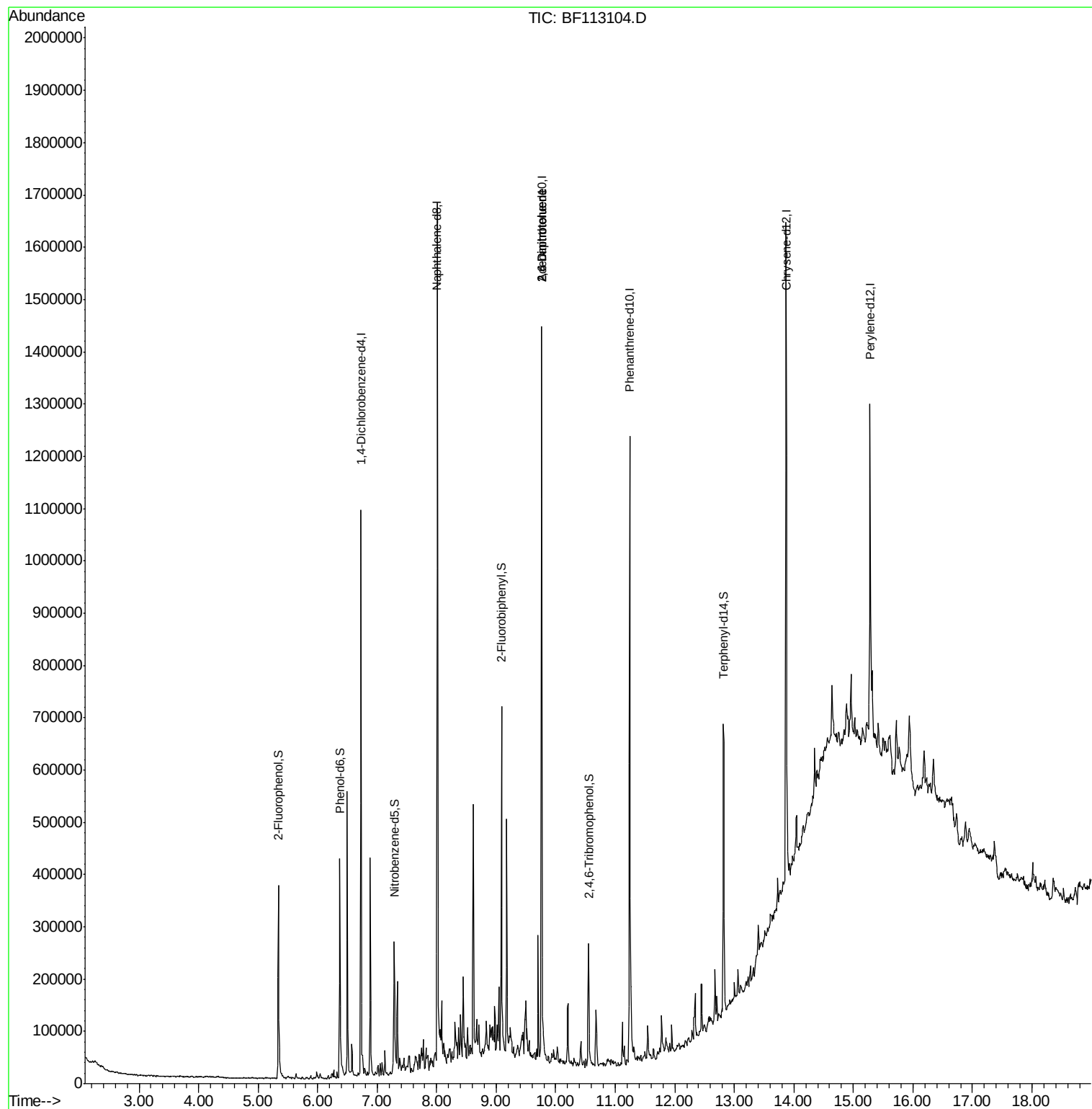
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	158118	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	683823	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	295989	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	504076	20.00	ng	0.00
76) Chrysene-d12	13.87	240	463976	20.00	ng	0.00
87) Perylene-d12	15.28	264	330408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	125461	12.34	ng	0.00
7) Phenol-d6	6.37	99	170170	13.33	ng	0.00
23) Nitrobenzene-d5	7.29	82	97956	8.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	42266	13.45	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	253614	10.34	ng	0.00
79) Terphenyl-d14	12.82	244	214546	8.96	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.76	165	39744	8.745	ng	# 19
57) 2,4-Dinitrotoluene	9.76	165	39744	7.035	ng	# 18

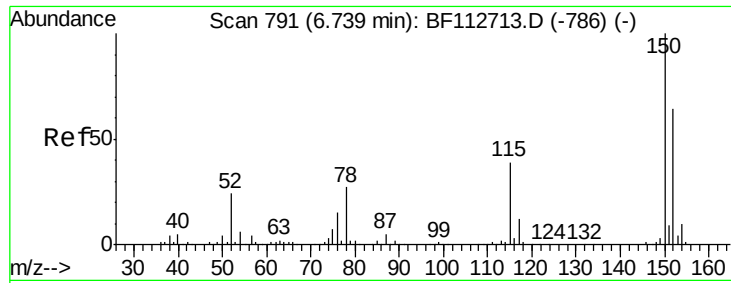
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113104.D
Acq On : 18 Mar 2019 21:33
Operator : JU/SJ
Sample : K1691-15 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-D

Quant Time: Mar 19 04:52:17 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

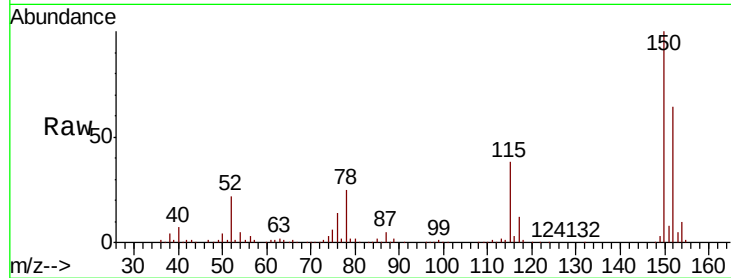




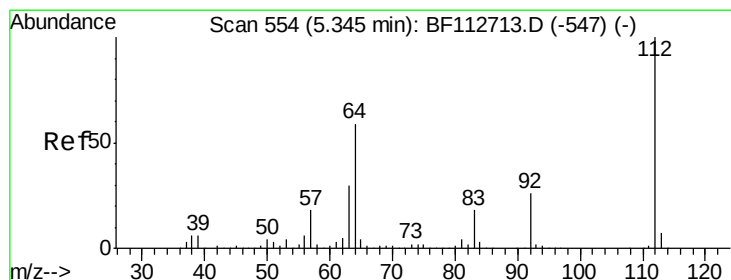
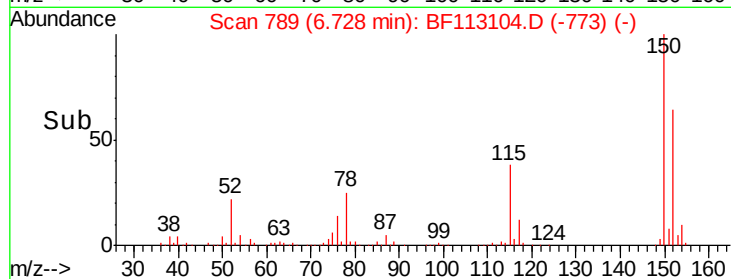
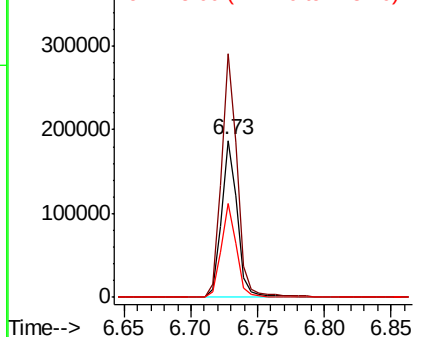
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113104.D
 Acq: 18 Mar 2019 21:33

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-D

Tgt Ion:152 Resp: 158118
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.2 186.2
 115 59.7 48.2 72.4

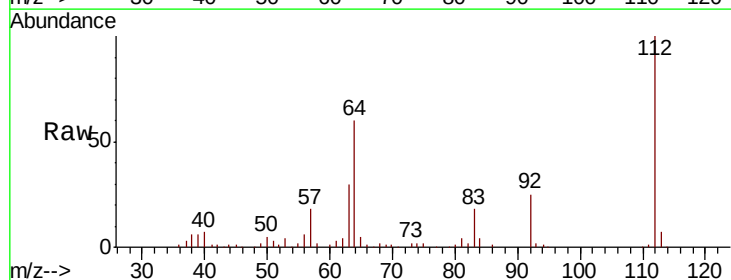


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

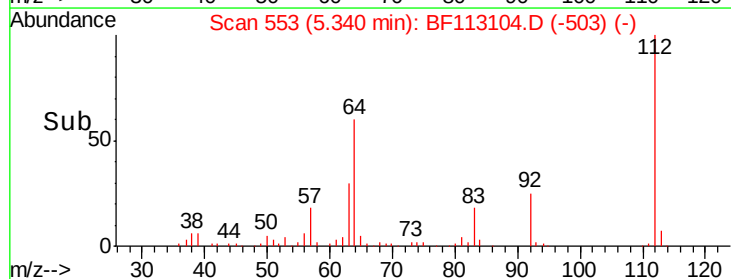
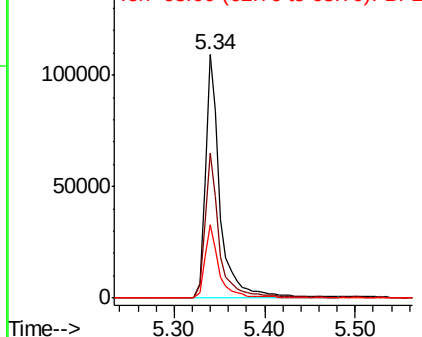


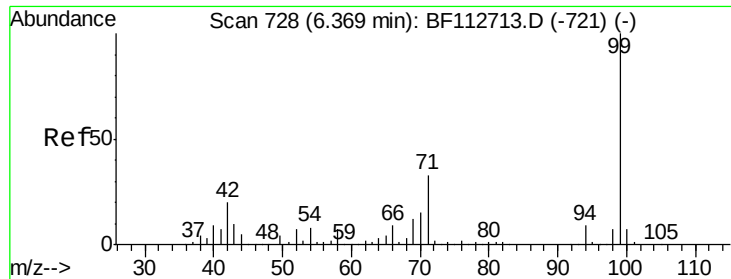
#5
 2-Fluorophenol
 Concen: 12.343 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF113104.D
 Acq: 18 Mar 2019 21:33

Tgt Ion:112 Resp: 125461
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.6 71.4
 63 30.2 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: 13.327 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113104.D

Acq: 18 Mar 2019 21:33

Instrument :

BNA_F

ClientSampleId :

CL-01-031519-D

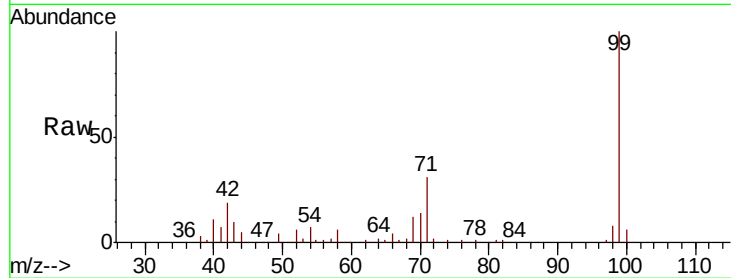
Tgt Ion: 99 Resp: 170170

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

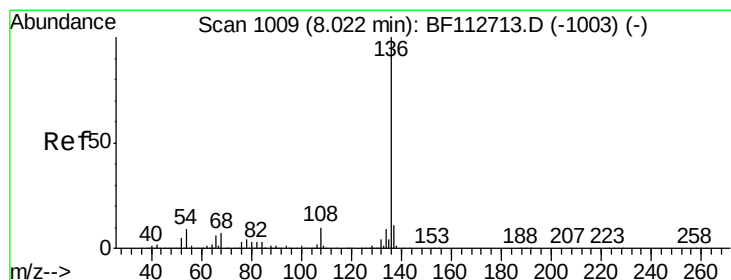
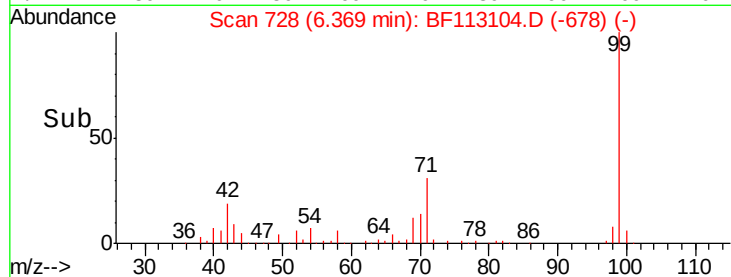
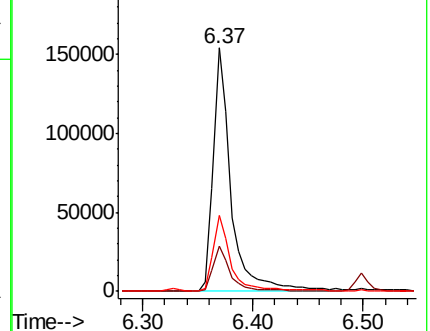
71 31.3 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113104.D

Acq: 18 Mar 2019 21:33

Tgt Ion: 136 Resp: 683823

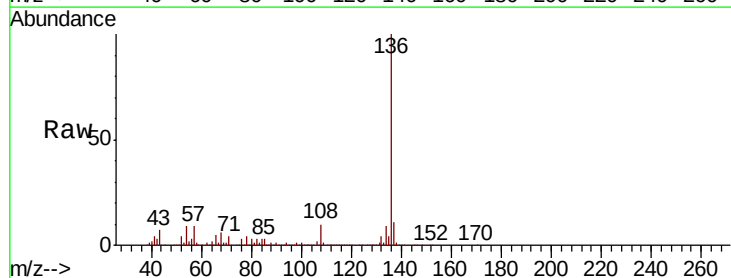
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.8 7.3 10.9

68 6.2 5.4 8.2

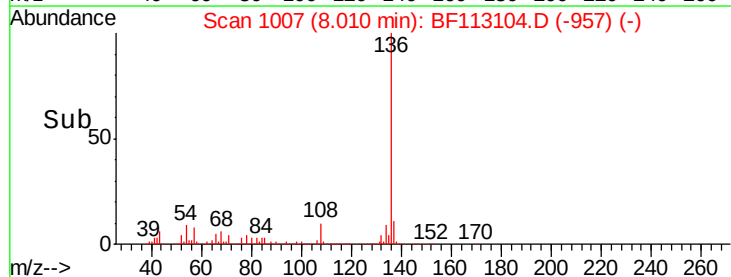
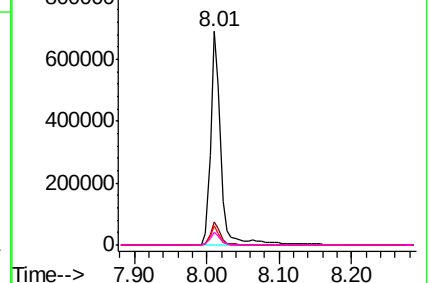


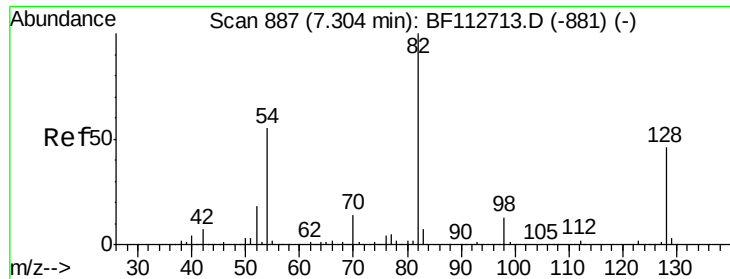
Abundance Ion 136.00 (135.70 to 136.70): E

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

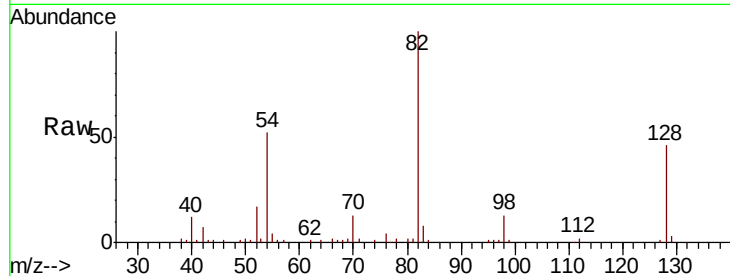




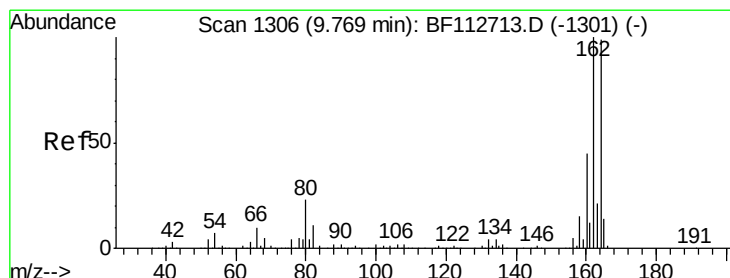
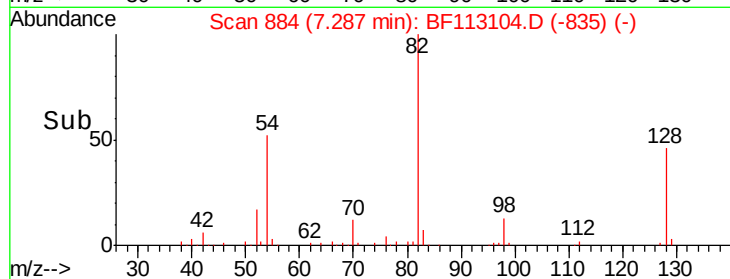
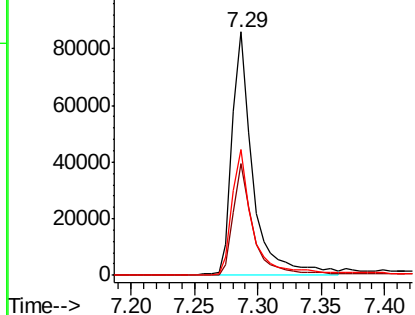
#23
 Nitrobenzene-d5
 Concen: 8.572 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113104.D
 Acq: 18 Mar 2019 21:33

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-D

Tgt Ion: 82 Resp: 97956
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.3 54.5
 54 51.8 43.7 65.5

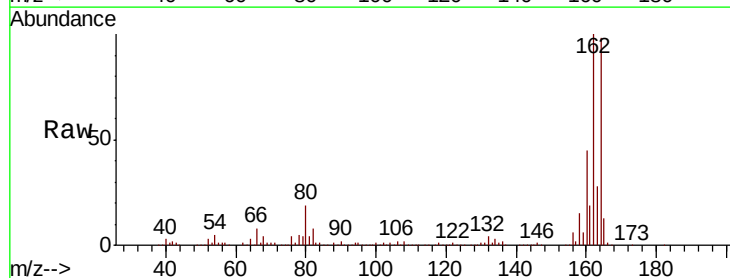


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

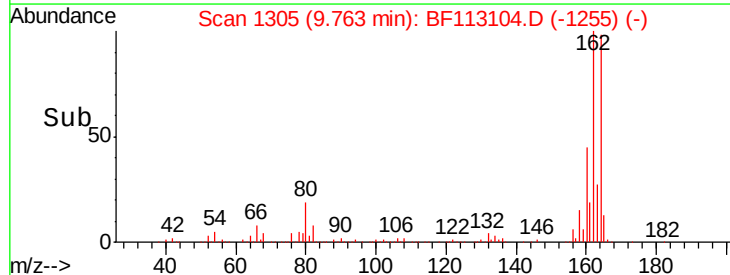
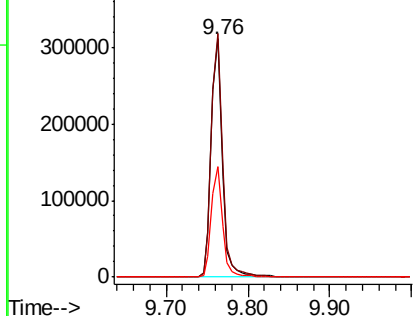


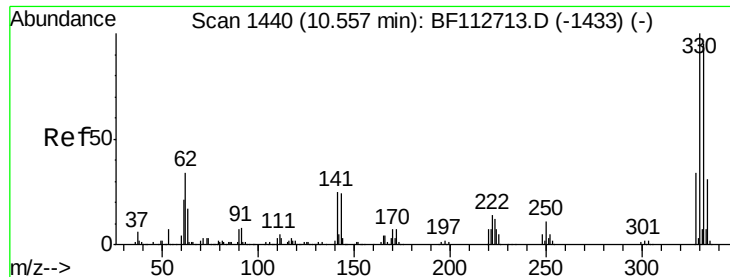
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF113104.D
 Acq: 18 Mar 2019 21:33

Tgt Ion: 164 Resp: 295989
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.6 120.8
 160 46.2 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

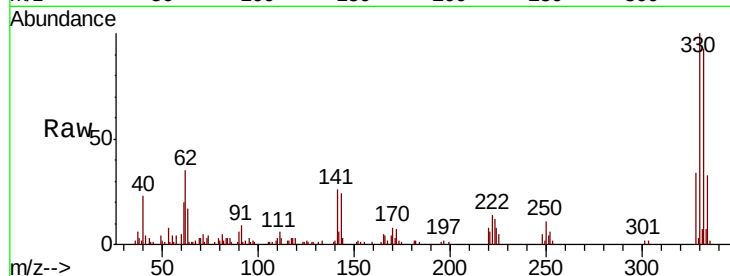




#42
 2,4,6-Tribromophenol
 Concen: 13.451 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF113104.D
 Acq: 18 Mar 2019 21:33

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	31.2	27.0	40.6

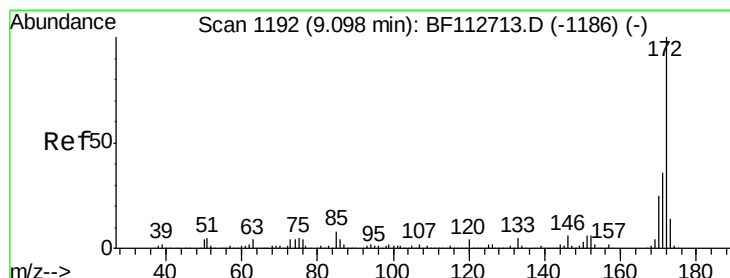
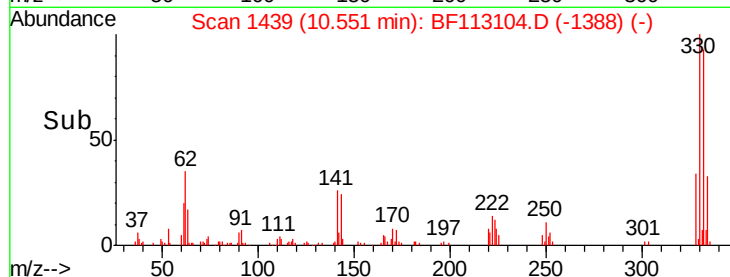
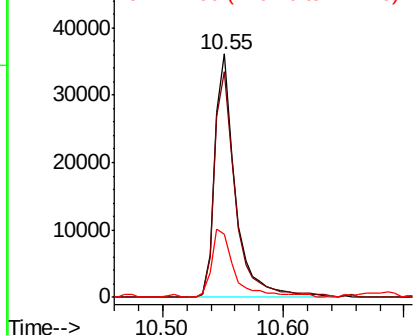


Abundance

Ion 329.80 (329.50 to 330.50): E

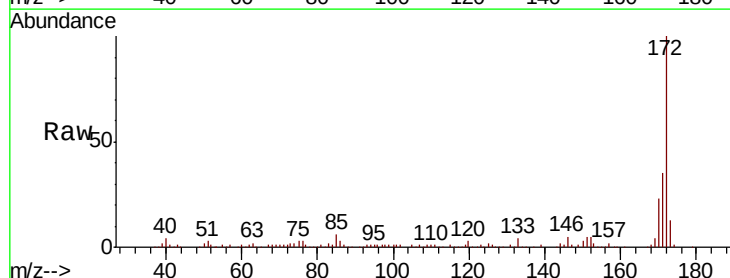
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 10.343 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113104.D
 Acq: 18 Mar 2019 21:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	23.0	20.0	30.0

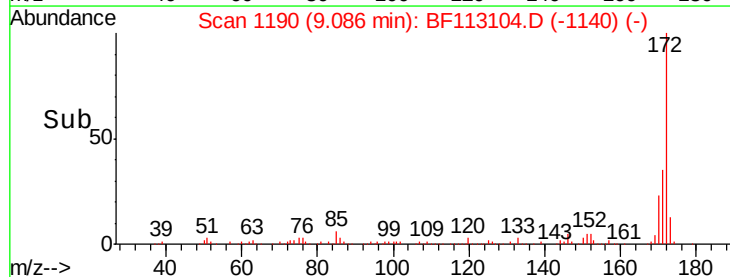
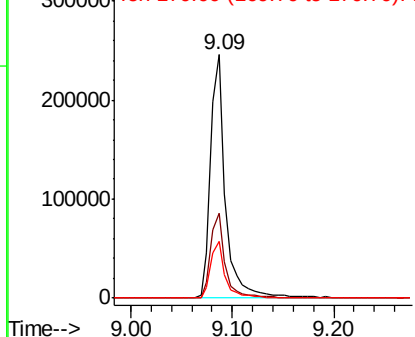


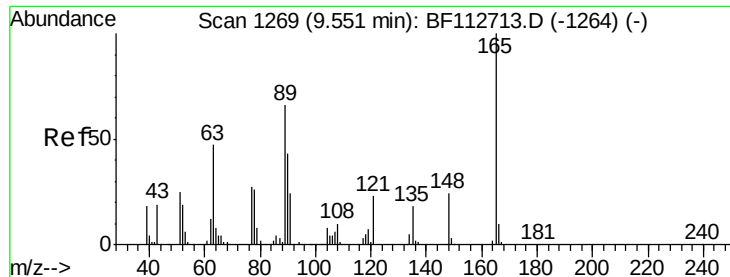
Abundance

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

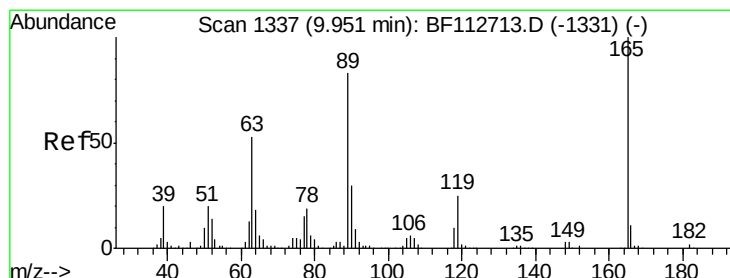
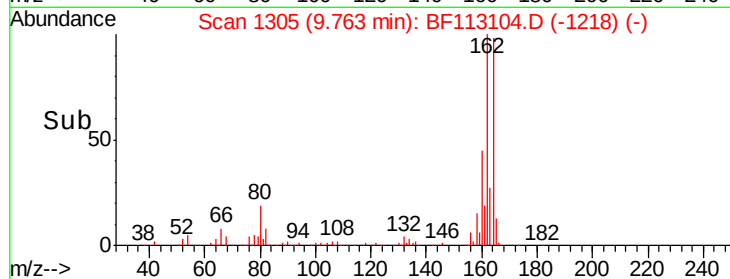
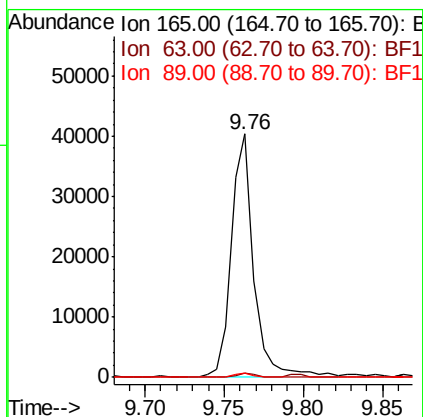
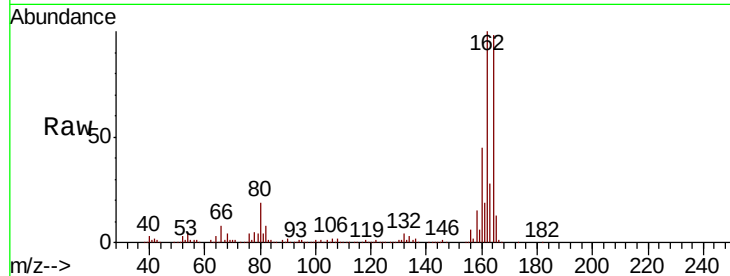




#51
 2,6-Dinitrotoluene
 Concen: 8.745 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF113104.D
 Acq: 18 Mar 2019 21:33

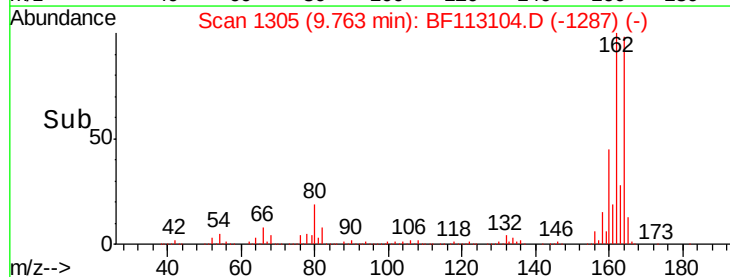
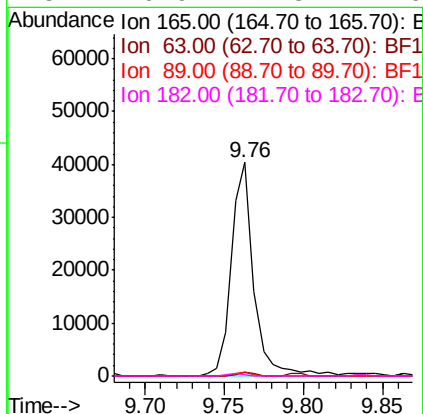
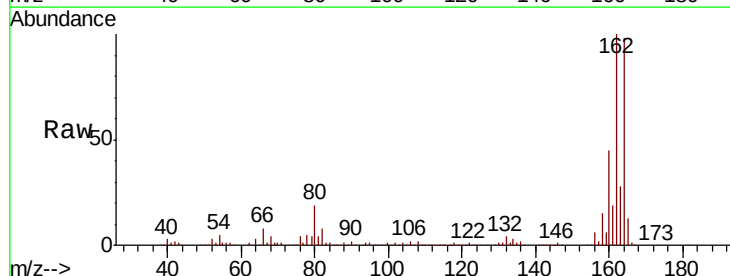
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-D

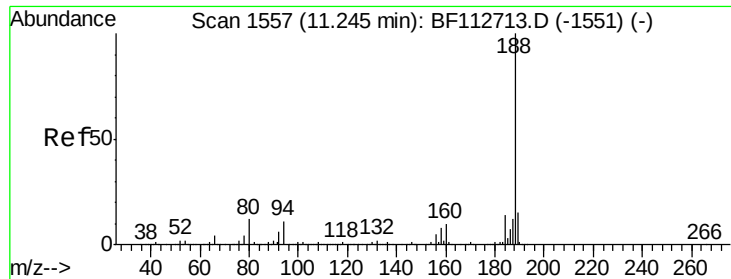
Tgt Ion:165 Resp: 39744
 Ion Ratio Lower Upper
 165 100
 63 1.7 54.1 81.1#
 89 1.6 52.8 79.2#



#57
 2,4-Dinitrotoluene
 Concen: 7.035 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF113104.D
 Acq: 18 Mar 2019 21:33

Tgt Ion:165 Resp: 39744
 Ion Ratio Lower Upper
 165 100
 63 1.7 42.2 63.2#
 89 1.6 66.2 99.4#
 182 0.9 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113104.D

Acq: 18 Mar 2019 21:33

Instrument :

BNA_F

ClientSampleId :

CL-01-031519-D

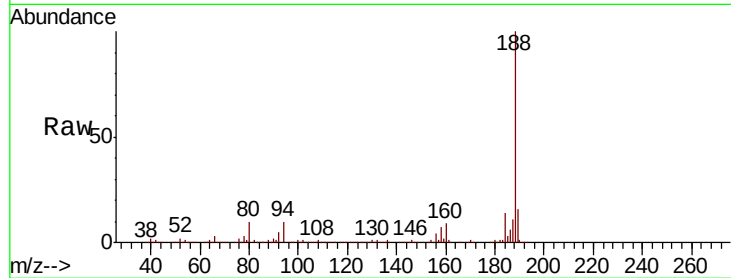
Tgt Ion:188 Resp: 504076

Ion Ratio Lower Upper

188 100

94 9.7 9.0 13.4

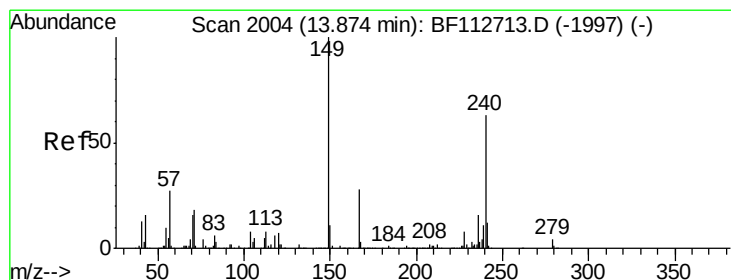
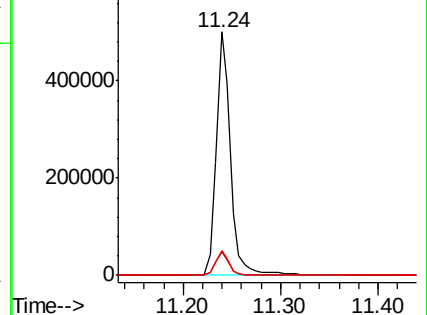
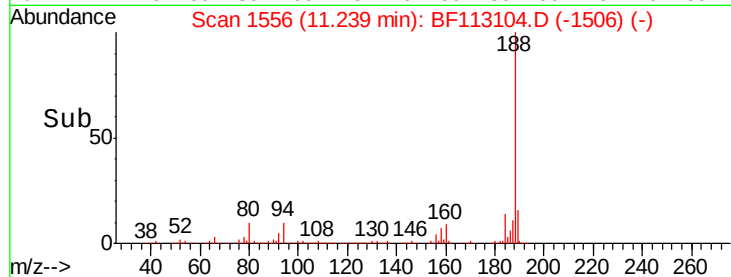
80 10.2 9.2 13.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF113104.D

Acq: 18 Mar 2019 21:33

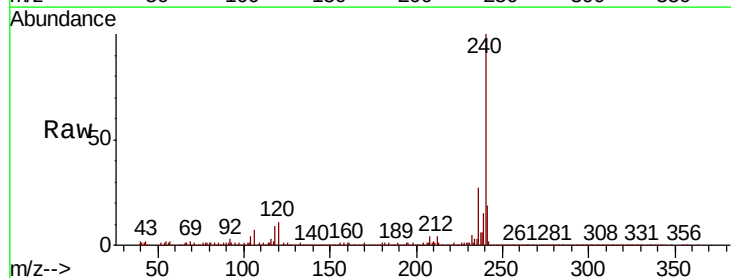
Tgt Ion:240 Resp: 463976

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

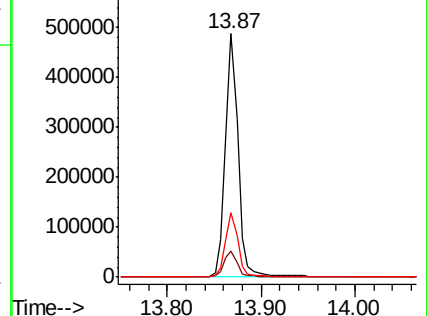
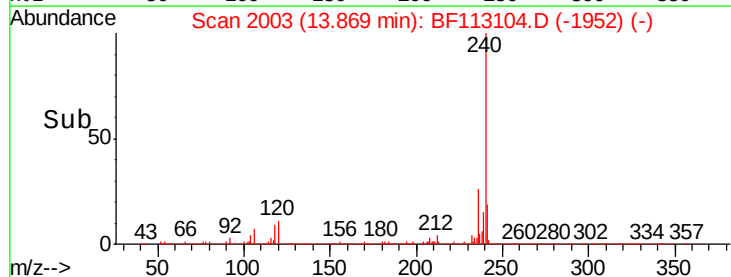
236 26.6 20.7 31.1

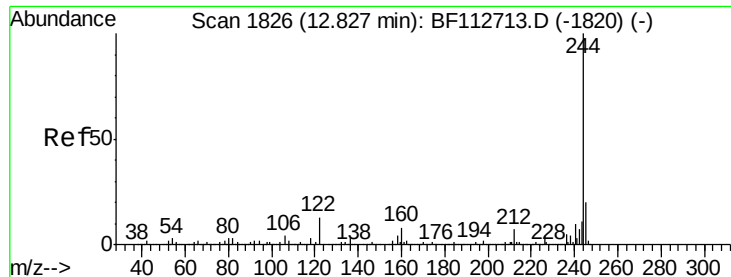


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

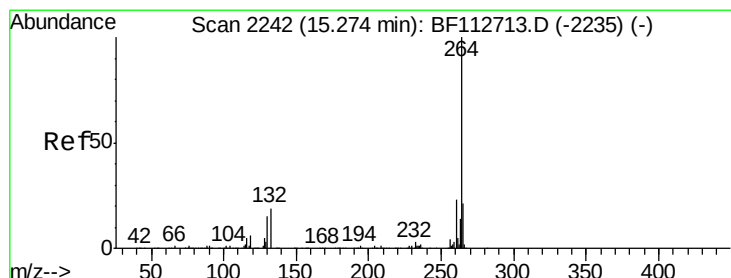
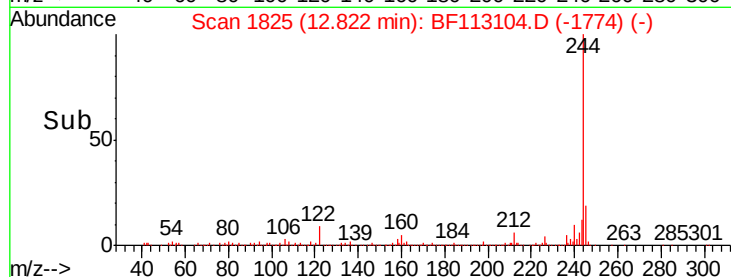
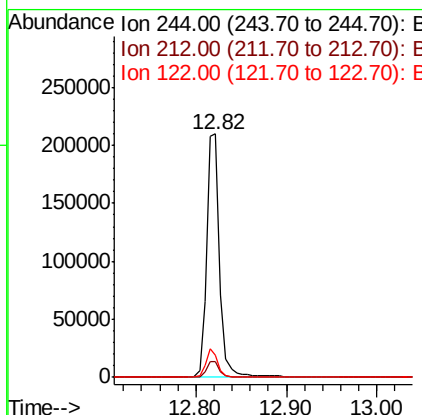
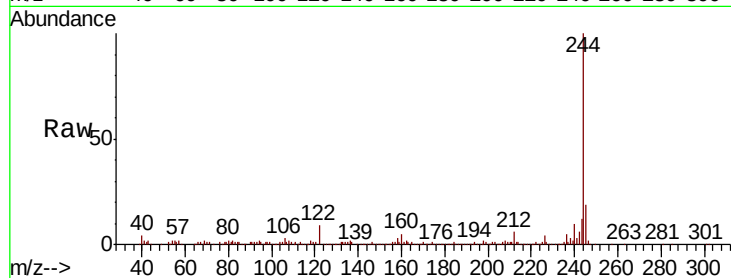




#79
 Terphenyl-d14
 Concen: 8.964 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF113104.D
 Acq: 18 Mar 2019 21:33

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-D

Tgt Ion: 244 Resp: 214546
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 9.2 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113104.D
 Acq: 18 Mar 2019 21:33

Tgt Ion: 264 Resp: 330408
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 22.2 17.2 25.8

