

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102904.D
 Acq On : 9 Feb 2018 23:09
 Operator : SJ/JU
 Sample : J1512-13 50X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 10 00:50:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

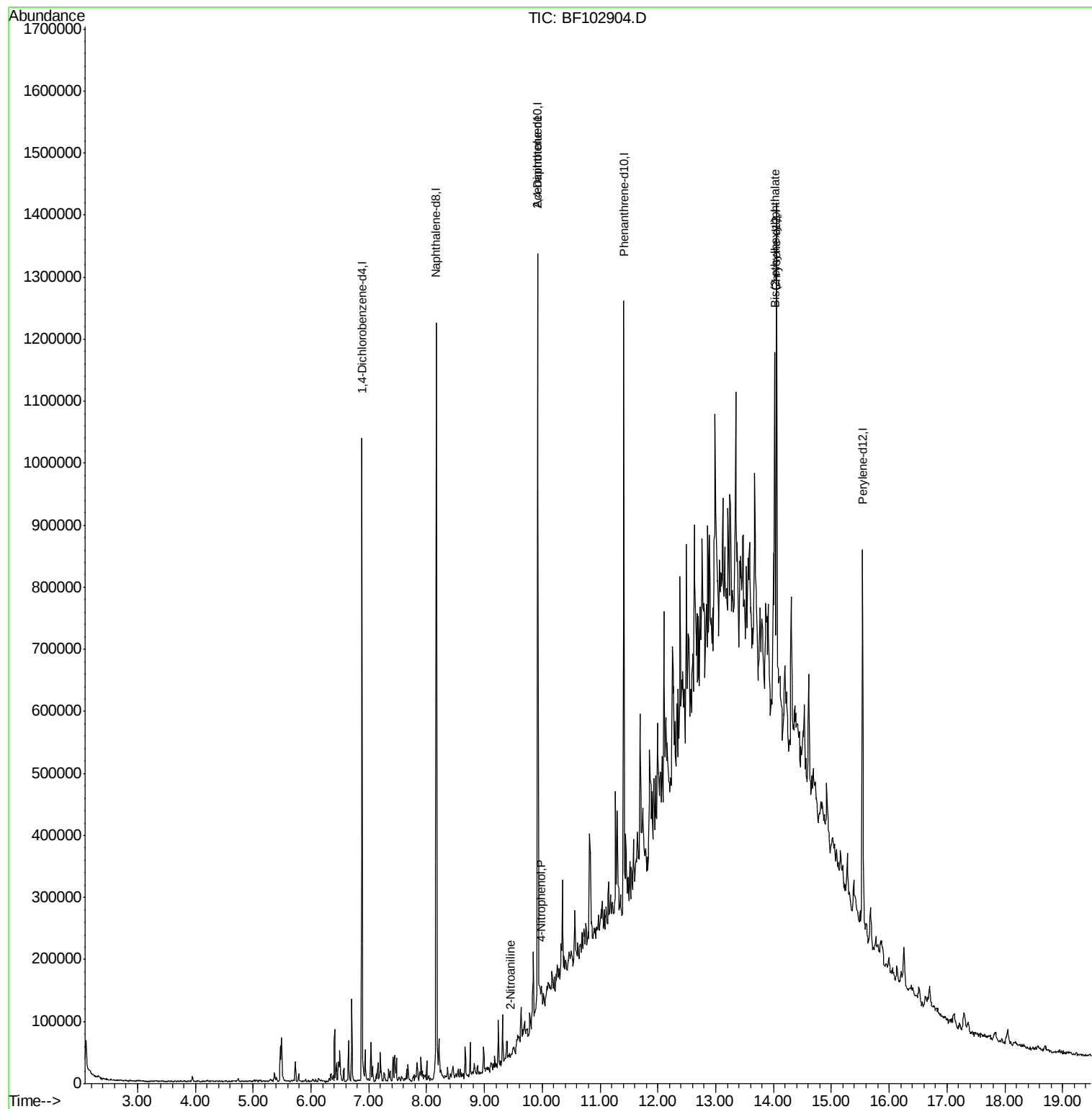
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	142933	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	576329	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	230973	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	364836	20.00	ng	0.00
75) Chrysene-d12	14.05	240	304555	20.00	ng	0.00
86) Perylene-d12	15.54	264	283041	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	16368	1.74	ng	0.00
7) Phenol-d6	6.50	99	18037	1.59	ng	0.00
23) Nitrobenzene-d5	7.44	82	11335	1.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	2284	1.23	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	22474	1.61	ng	0.00
78) Terphenyl-d14	12.99	244	18685	1.45	ng	0.00
Target Compounds						
24) Nitrobenzene	7.45	77	423	Below Cal	#	12
47) 2-Nitroaniline	9.46	65	544	3.58 ng	#	2
55) 4-Nitrophenol	9.98	139	483	4.16 ng	#	1
56) 2,4-Dinitrotoluene	9.92	165	30311	9.25 ng	#	24
83) Bis(2-ethylhexyl)phthalate	14.02	149	132858	9.08 ng	#	99

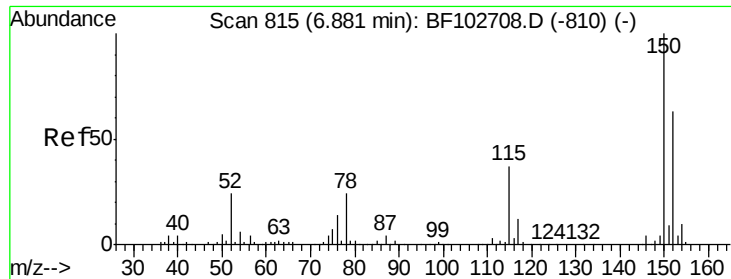
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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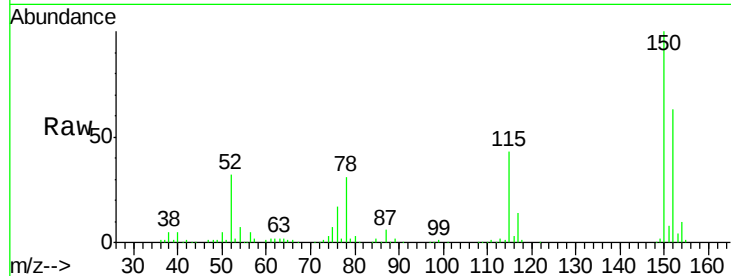


#1

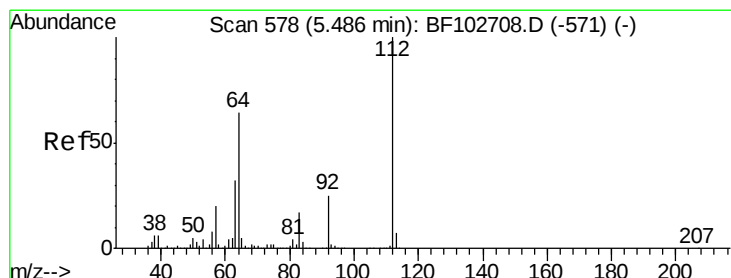
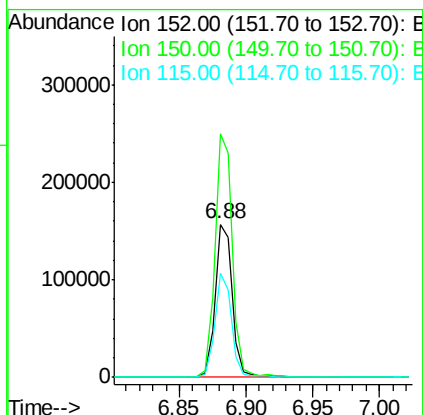
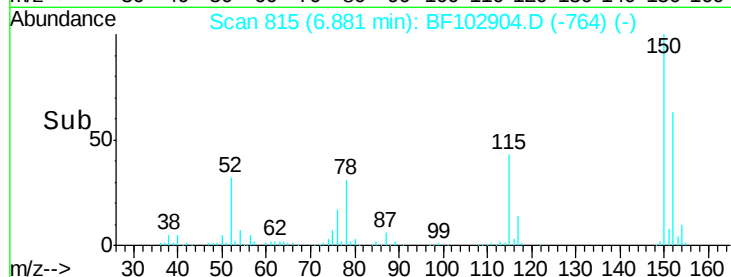
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102904.D
Acq: 9 Feb 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142933
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 68.1 50.1 75.1



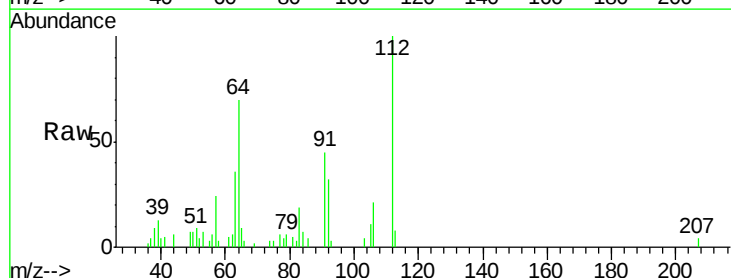
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



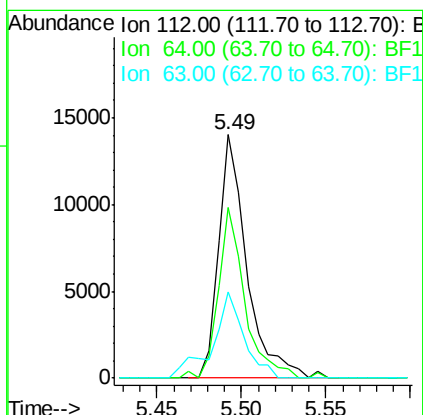
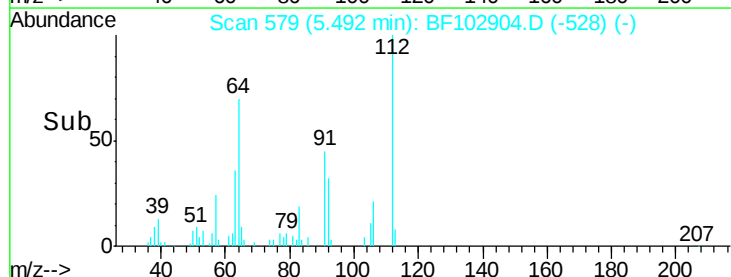
#5

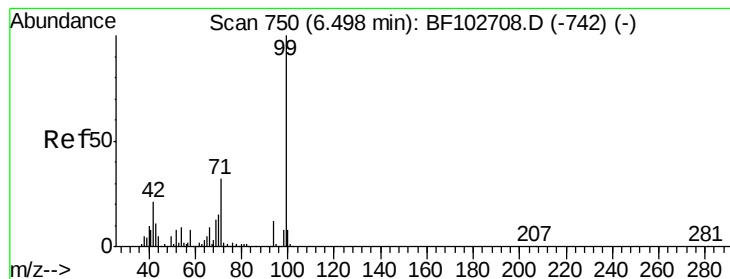
2-Fluorophenol
Concen: 1.74 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF102904.D
Acq: 9 Feb 2018 23:09

Tgt Ion:112 Resp: 16368
Ion Ratio Lower Upper
112 100
64 70.0 47.9 71.9
63 35.6 23.7 35.5#



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: 1.59 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF102904.D

Acq: 9 Feb 2018 23:09

Instrument :

BNA_F

ClientSampleId :

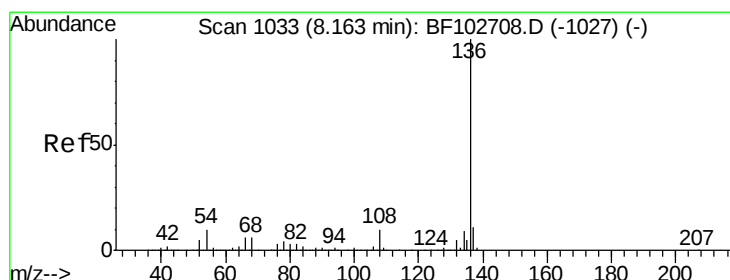
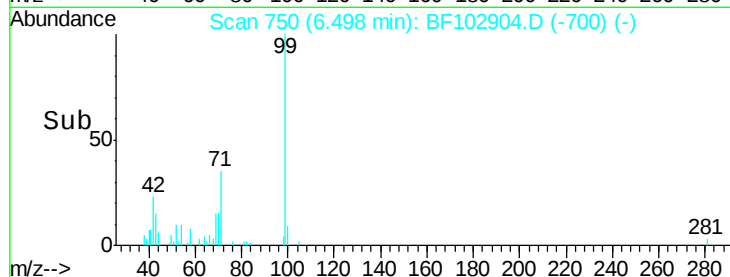
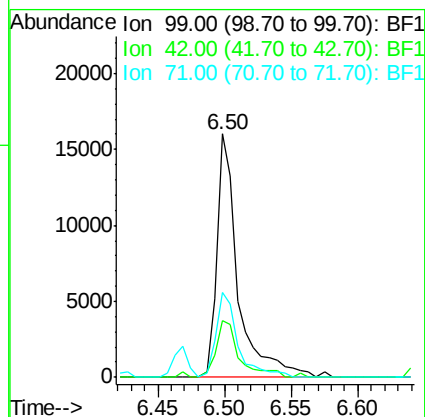
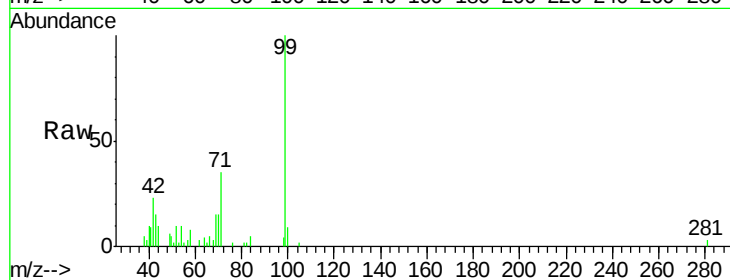
Tot Ion: 99 Resp: 18037

Ion Ratio Lower Upper

99 100

42 23.0 14.5 21.7#

71 34.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102904.D

Acq: 9 Feb 2018 23:09

Tgt Ion: 136 Resp: 576329

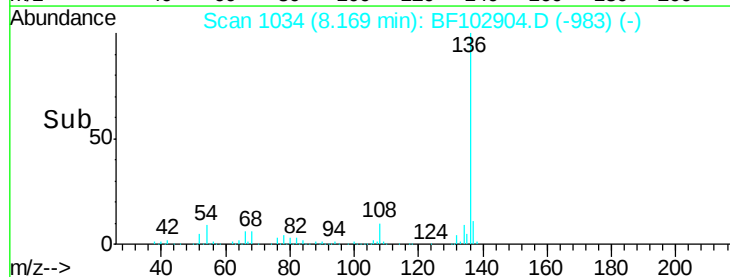
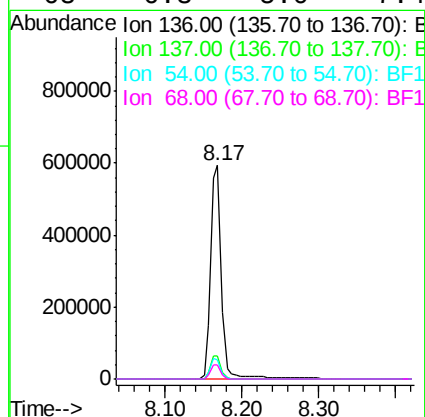
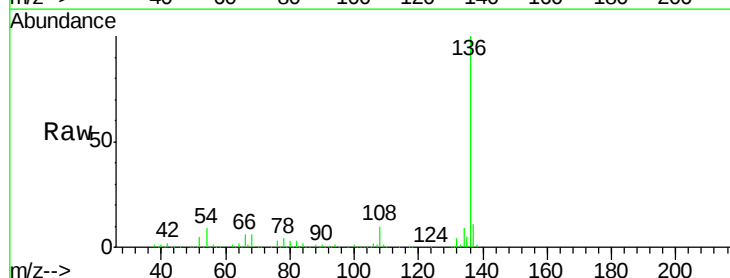
Ion Ratio Lower Upper

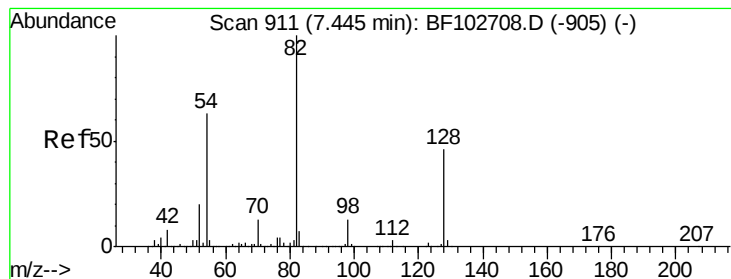
136 100

137 11.1 8.9 13.3

54 9.2 6.6 9.8

68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 1.36 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102904.D

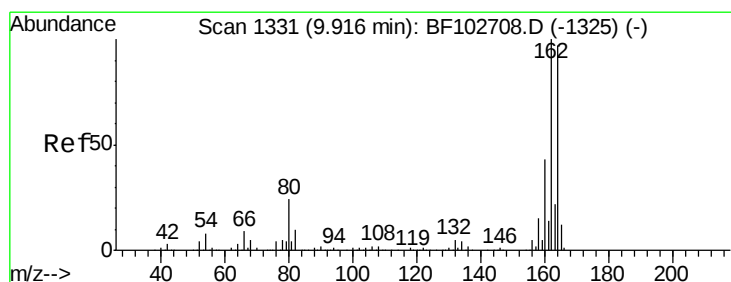
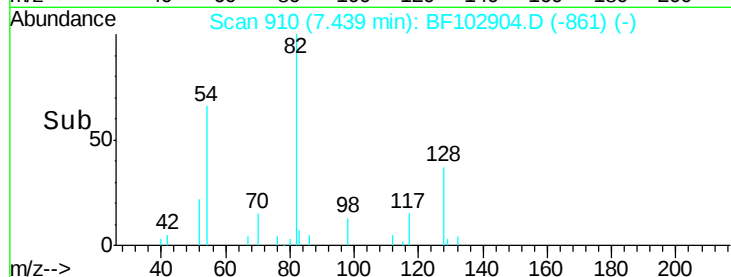
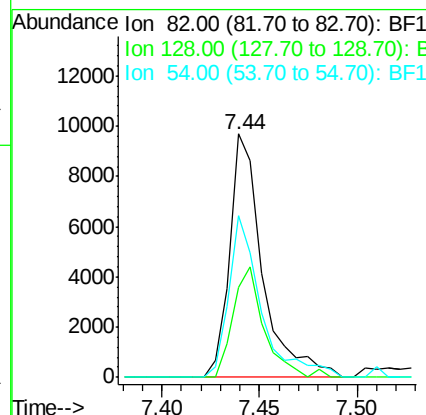
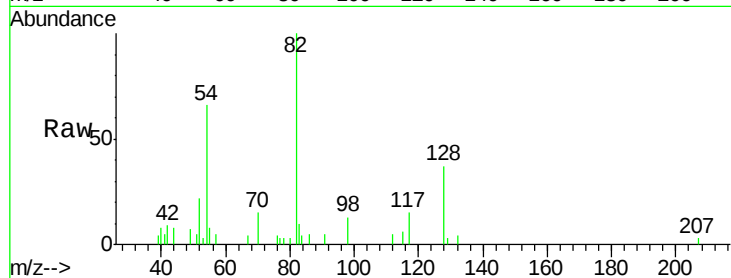
Acq: 9 Feb 2018 23:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion	82	Resp	11335
Ion Ratio	Lower	Upper	
82	100		
128	37.2	36.1	54.1
54	66.5	41.4	62.2



#38

Acenaphthene-d10

Concen: 20.00 ng

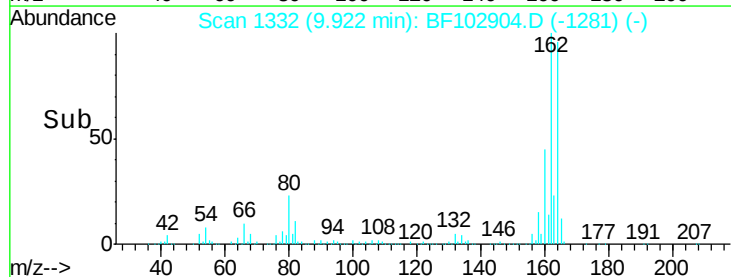
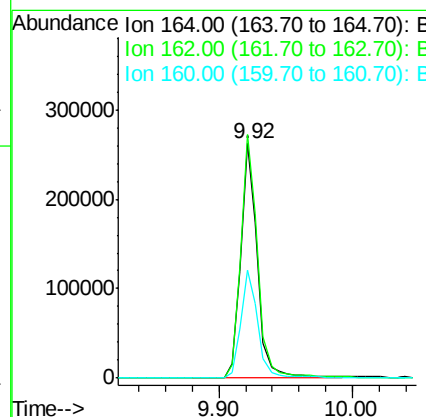
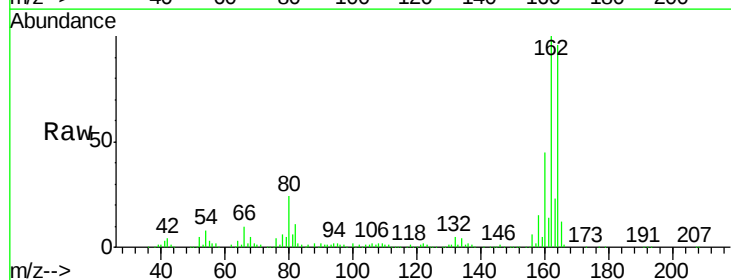
RT: 9.92 min Scan# 1332

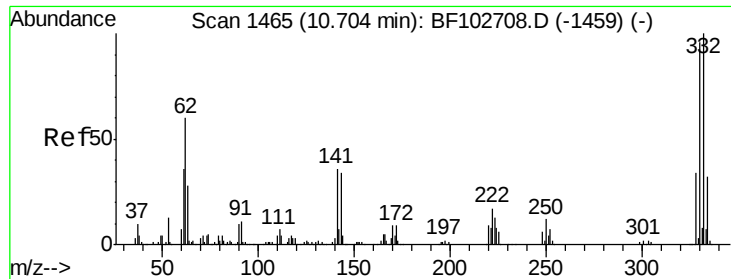
Delta R.T. -0.00 min

Lab File: BF102904.D

Acq: 9 Feb 2018 23:09

Tgt Ion	164	Resp	230973
Ion Ratio	Lower	Upper	
164	100		
162	103.9	86.1	129.1
160	46.3	38.3	57.5

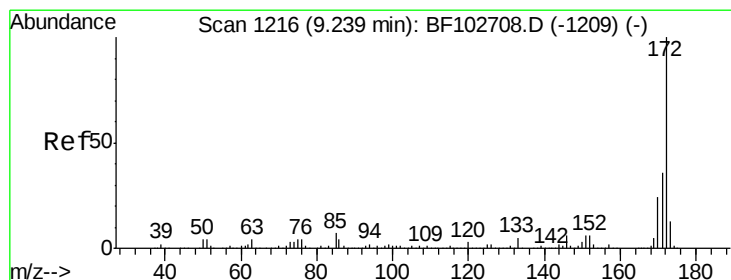
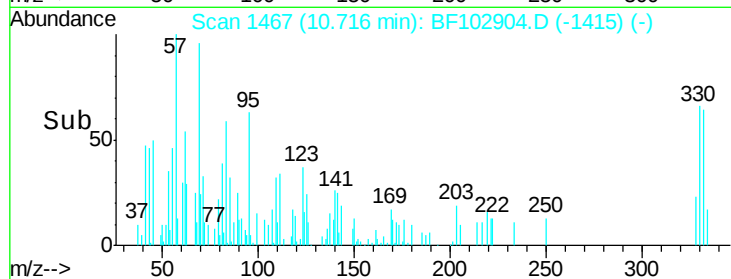
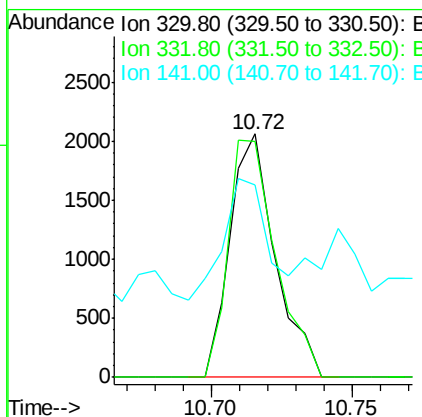
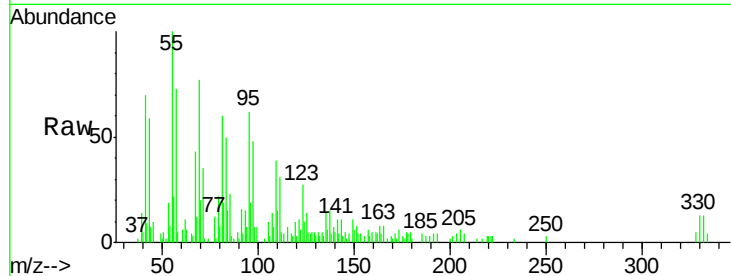




#41
 2,4,6-Tribromophenol
 Concen: 1.23 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102904.D
 Acq: 9 Feb 2018 23:09

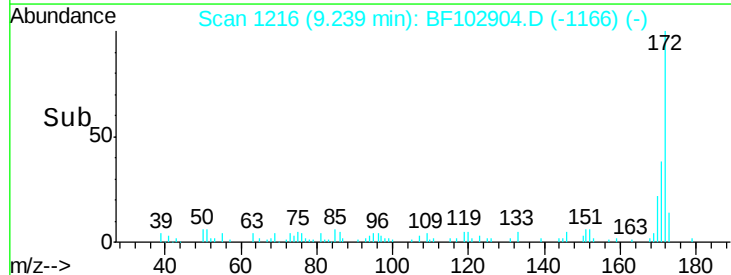
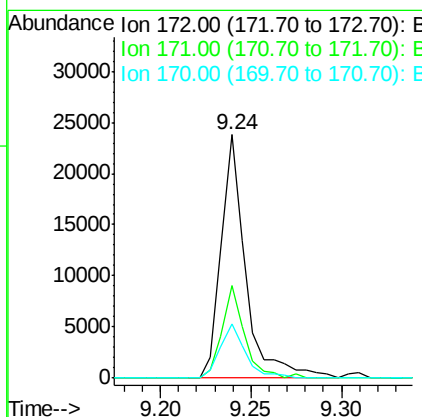
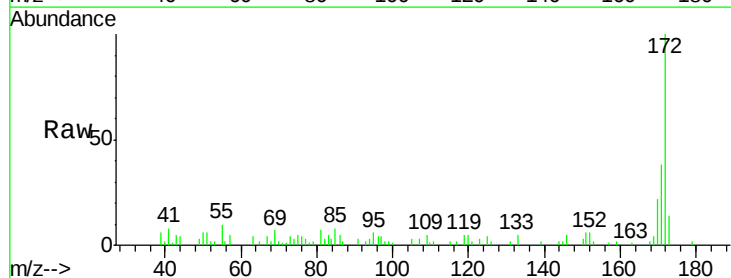
Instrument :
 BNA_F
 ClientSampled :

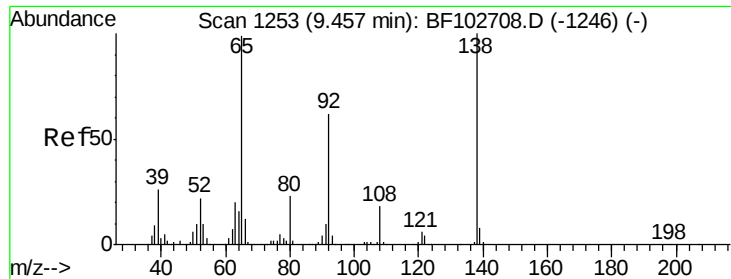
Tot Ion:330 Resp: 2284
 Ion Ratio Lower Upper
 330 100
 332 103.2 77.0 115.6
 141 48.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 1.61 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102904.D
 Acq: 9 Feb 2018 23:09

Tgt Ion:172 Resp: 22474
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.7 44.5
 170 22.2 19.6 29.4





#47

2-Nitroaniline

Concen: 3.58 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF102904.D

Acq: 9 Feb 2018 23:09

Instrument :

BNA_F

ClientSampled :

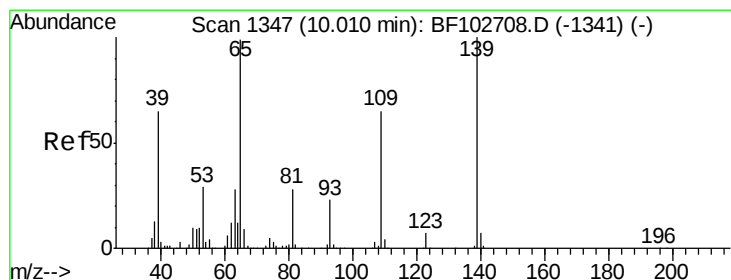
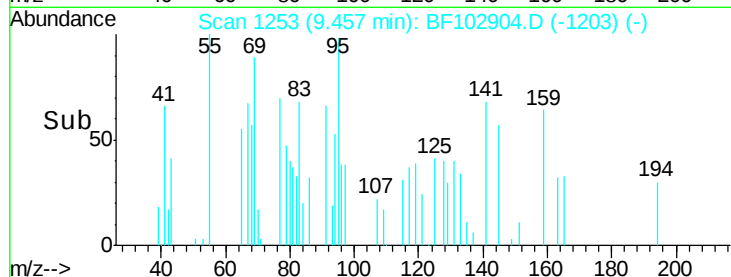
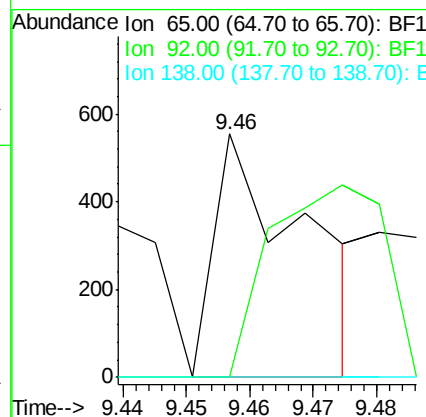
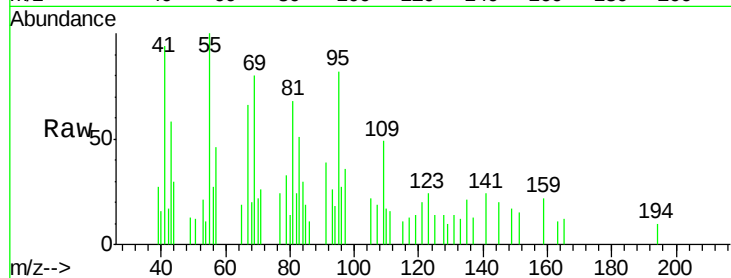
Tot Ion: 65 Resp: 544

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

138 0.0 91.2 136.8#



#55

4-Nitrophenol

Concen: 4.16 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.04 min

Lab File: BF102904.D

Acq: 9 Feb 2018 23:09

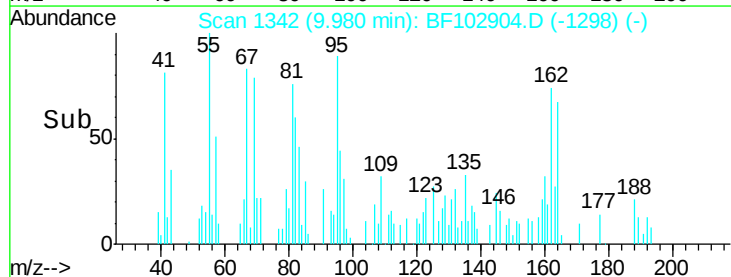
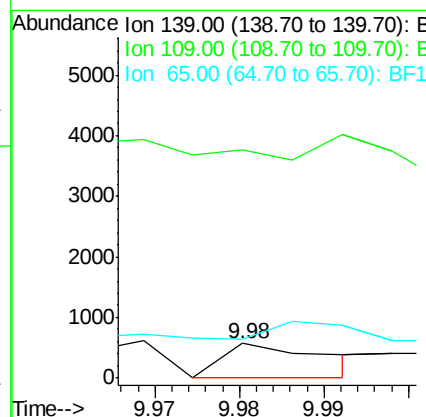
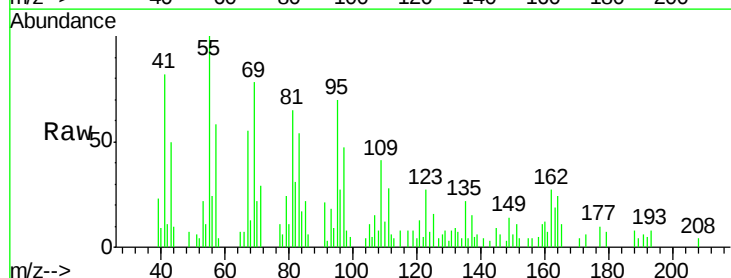
Tgt Ion: 139 Resp: 483

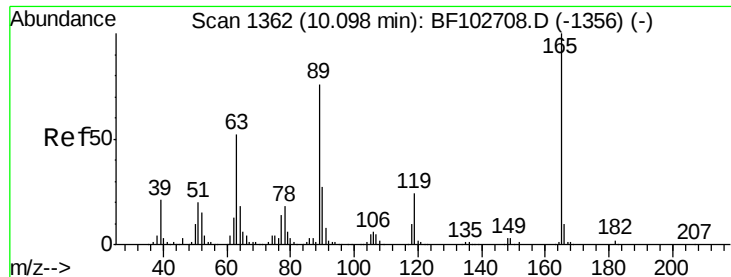
Ion Ratio Lower Upper

139 100

109 664.9 48.4 88.4#

65 114.6 72.6 112.6#

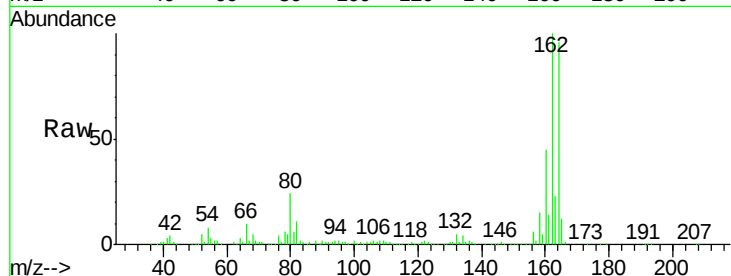




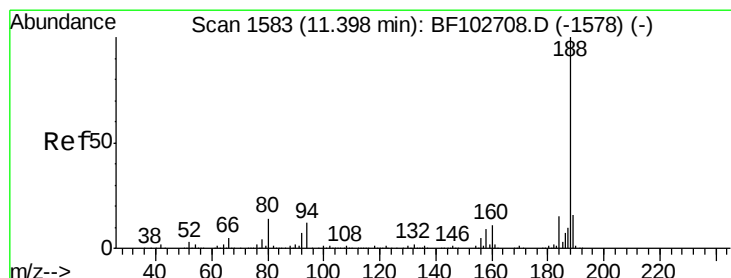
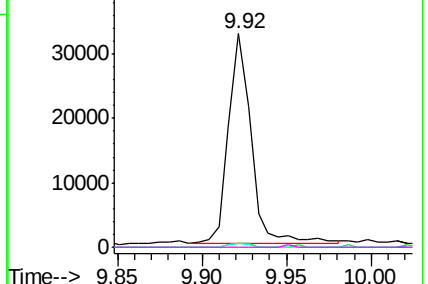
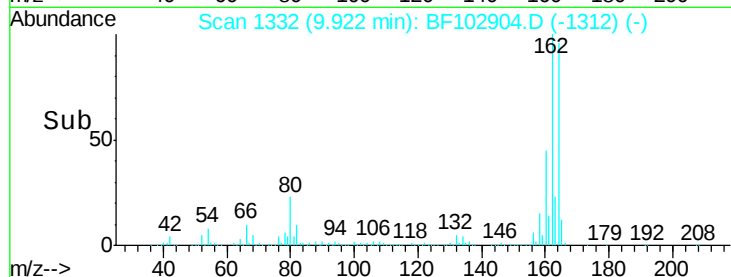
#56
 2,4-Dinitrotoluene
 Concen: 9.25 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.18 min
 Lab File: BF102904.D
 Acq: 9 Feb 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 30311
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.4 54.6#
 89 2.1 57.8 86.6#
 182 0.0 1.6 2.4#

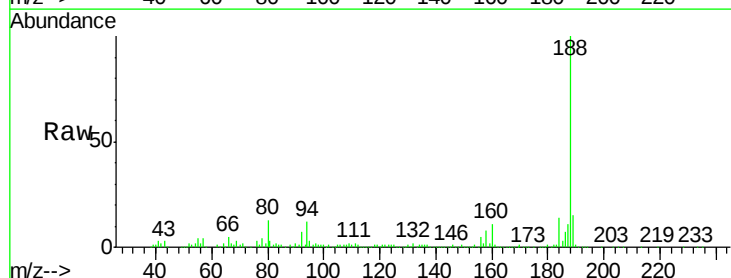


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

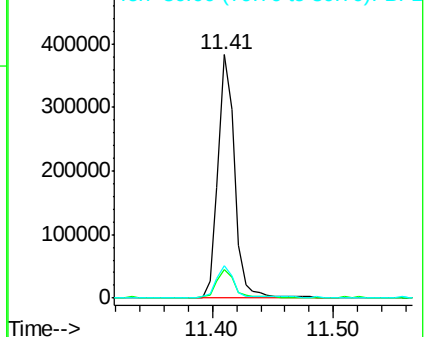
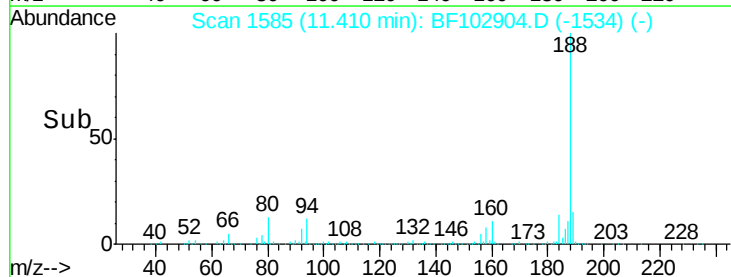


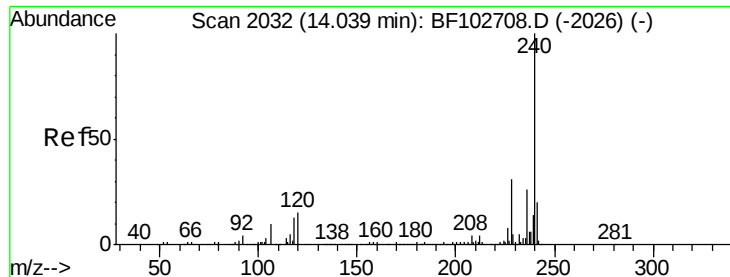
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102904.D
 Acq: 9 Feb 2018 23:09

Tgt Ion:188 Resp: 364836
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.5 12.7
 80 13.2 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

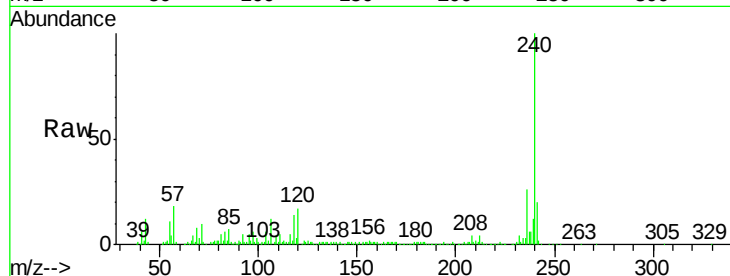




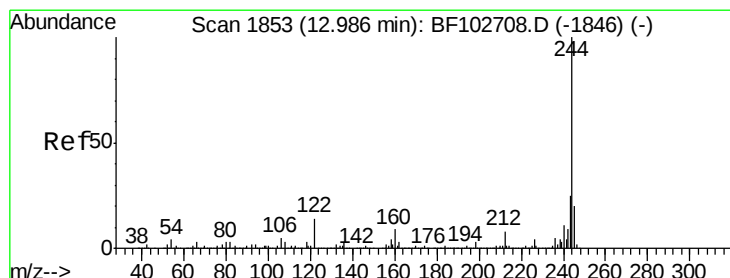
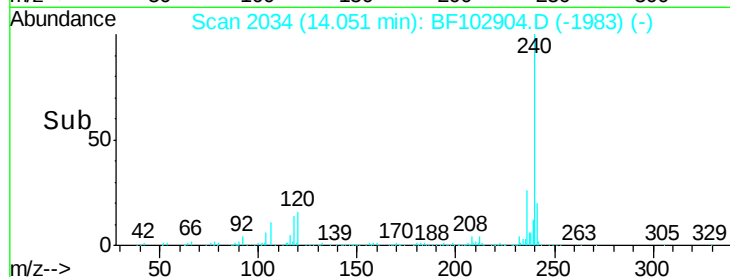
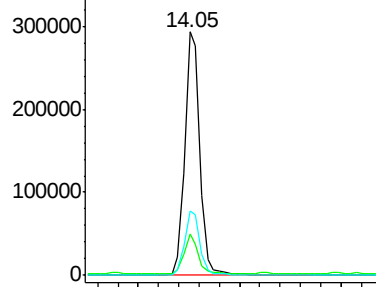
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF102904.D
 Acq: 9 Feb 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 304555
 Ion Ratio Lower Upper
 240 100
 120 17.2 9.5 14.3#
 236 26.3 20.7 31.1

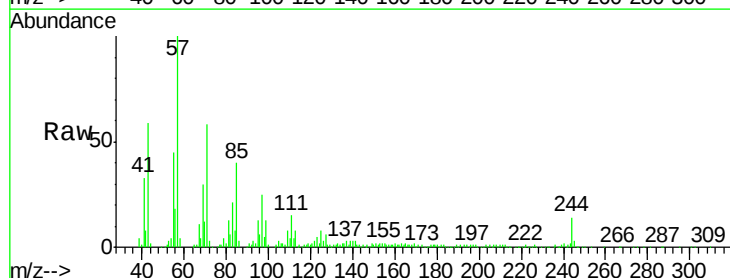


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

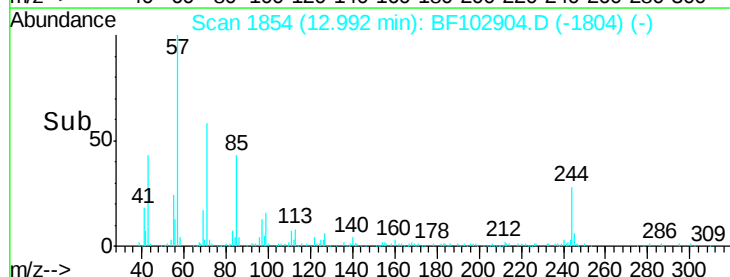
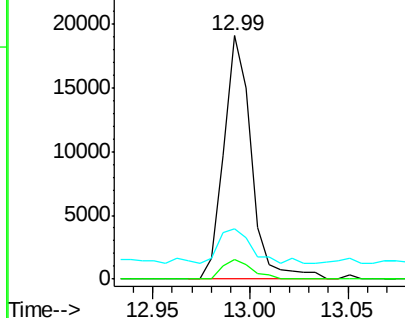


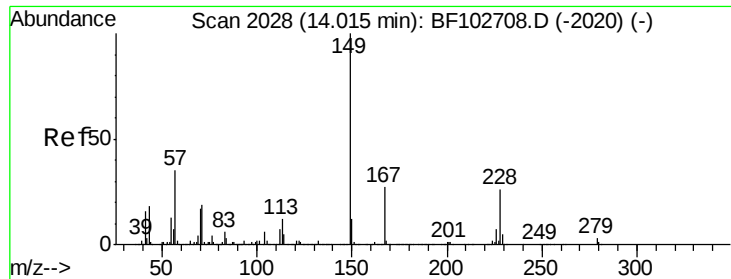
#78
 Terphenyl-d14
 Concen: 1.45 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF102904.D
 Acq: 9 Feb 2018 23:09

Tgt Ion:244 Resp: 18685
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.0
 122 20.7 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

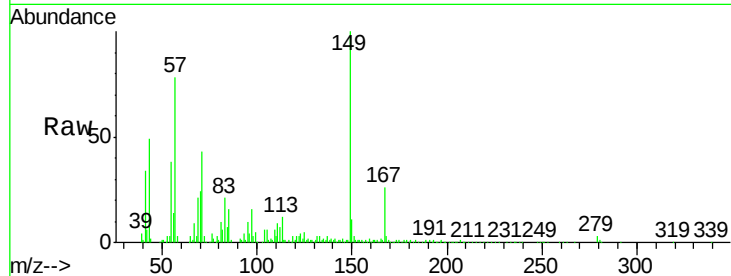




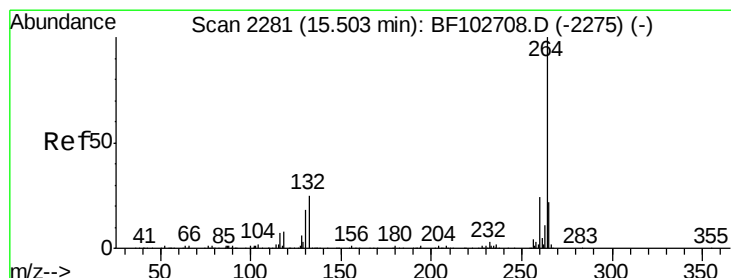
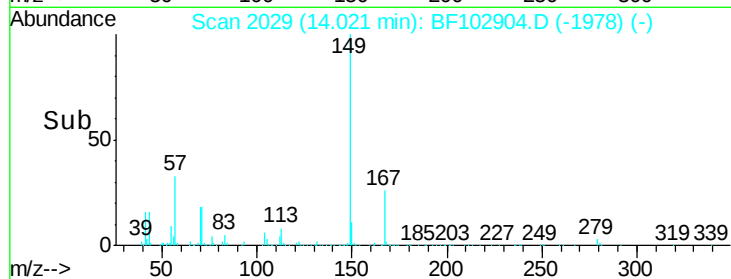
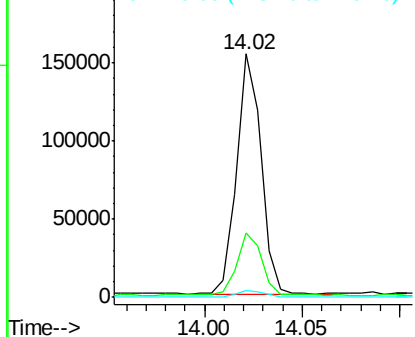
#83
Bis(2-ethylhexyl)phthalate
Concen: 9.08 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF102904.D
Acq: 9 Feb 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 132858
Ion Ratio Lower Upper
149 100
167 26.4 21.3 31.9
279 2.7 3.0 4.4#

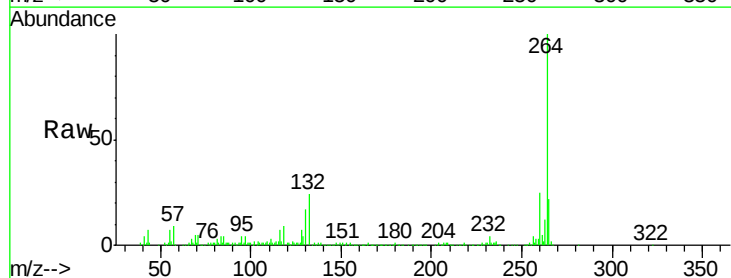


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102904.D
Acq: 9 Feb 2018 23:09

Tgt Ion:264 Resp: 283041
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.8 17.5 26.3



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

