

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102879.D
 Acq On : 9 Feb 2018 10:56
 Operator : SJ/JU
 Sample : J1492-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-1-4-DENSE-GRADE-AGG-RCA

Quant Time: Feb 09 14:15:55 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

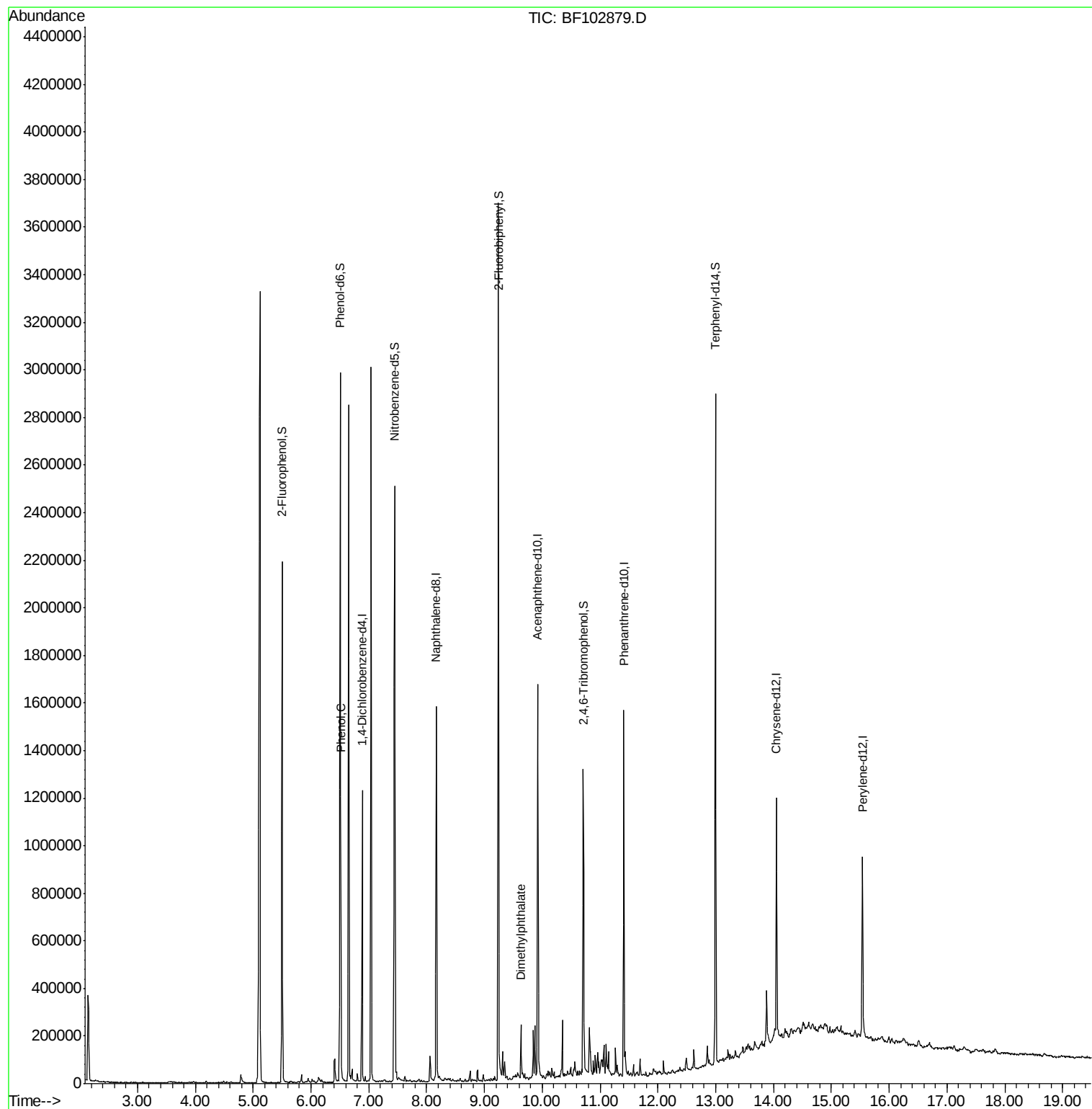
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	169222	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	710187	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	320793	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	523639	20.00	ng	0.00
75) Chrysene-d12	14.05	240	323740	20.00	ng	0.00
86) Perylene-d12	15.54	264	340825	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	567404	50.92	ng	0.00
7) Phenol-d6	6.51	99	980315	73.07	ng	0.00
23) Nitrobenzene-d5	7.45	82	761473	74.38	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	122428	47.42	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1195461	61.84	ng	0.00
78) Terphenyl-d14	13.00	244	910391	66.58	ng	0.00
Target Compounds						
10) Phenol	6.52	94	46341	3.223	ng	97
24) Nitrobenzene	7.49	77	129	Below Cal	#	38
49) Dimethylphthalate	9.63	163	71947	2.876	ng	99

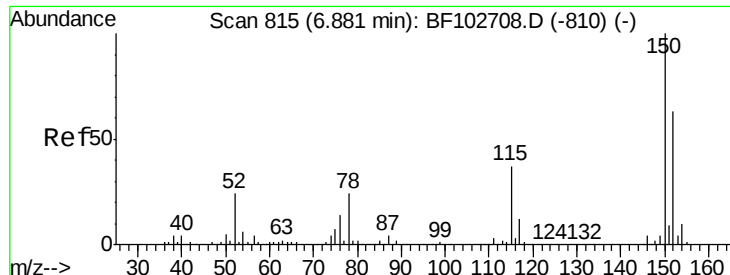
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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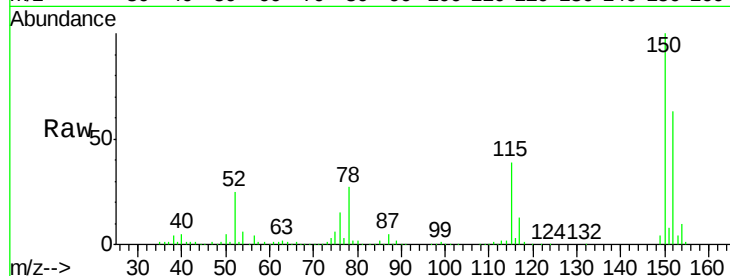


#1

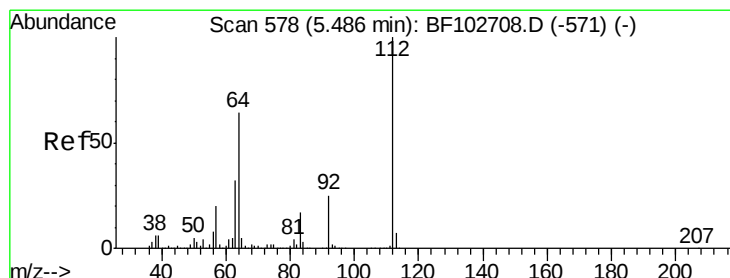
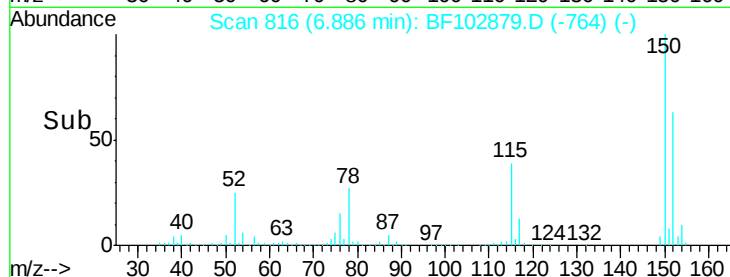
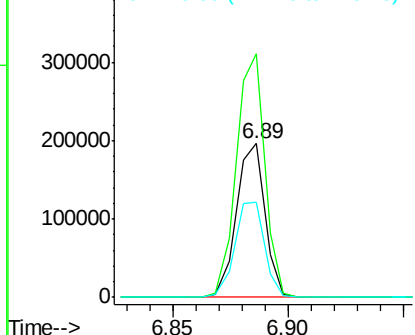
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102879.D
Acq: 9 Feb 2018 10:56

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCA

Tot Ion:152 Resp: 169222
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 61.5 50.1 75.1



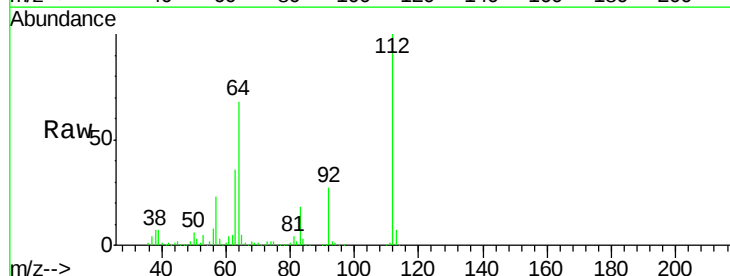
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



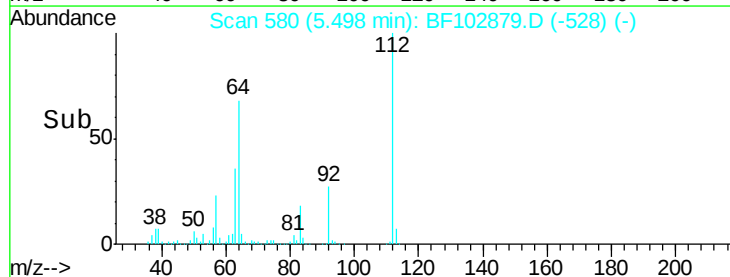
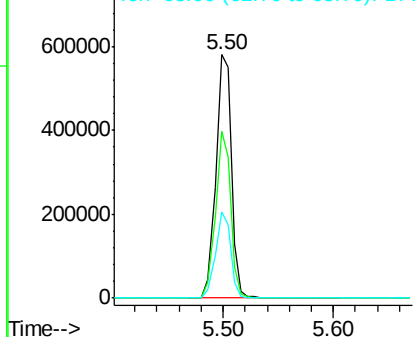
#5

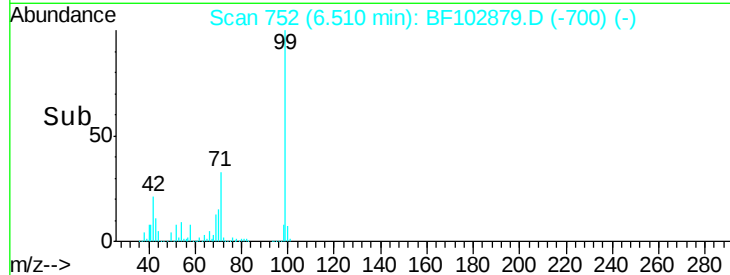
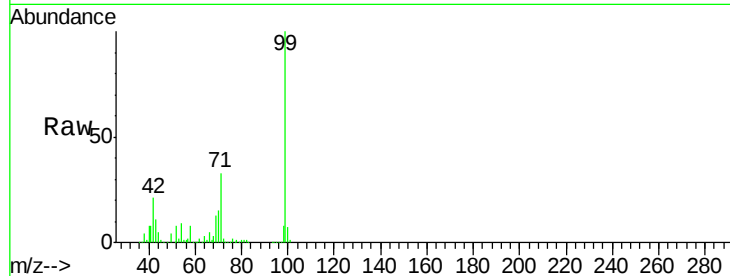
2-Fluorophenol
Concen: 50.921 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102879.D
Acq: 9 Feb 2018 10:56

Tgt Ion:112 Resp: 567404
Ion Ratio Lower Upper
112 100
64 68.3 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: 73.067 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102879.D

Acq: 9 Feb 2018 10:56

Instrument :

BNA_F

ClientSampleId :

1-1-4-DENSE-GRADE-AGG-RCA

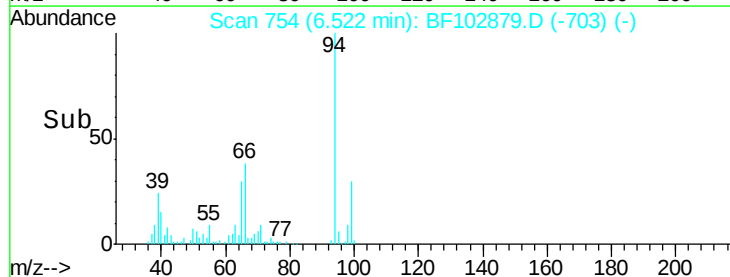
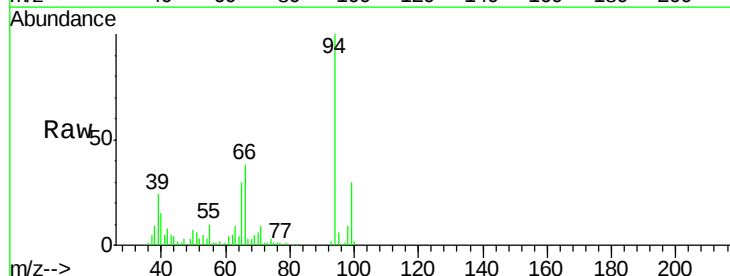
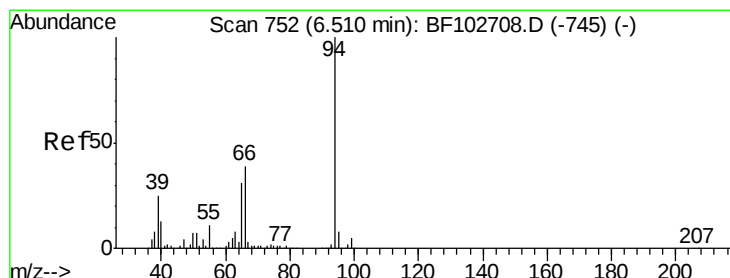
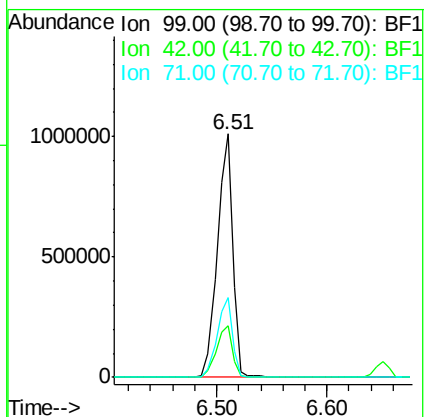
Tot Ion: 99 Resp: 980315

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

71 32.7 25.4 38.0



#10

Phenol

Concen: 3.223 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102879.D

Acq: 9 Feb 2018 10:56

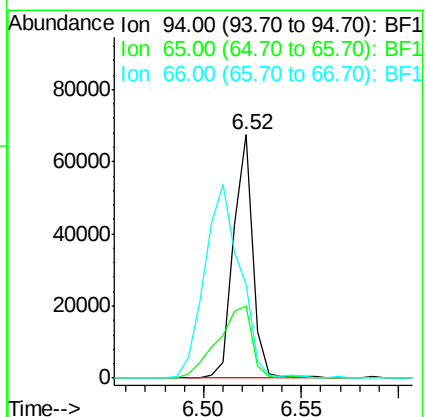
Tgt Ion: 94 Resp: 46341

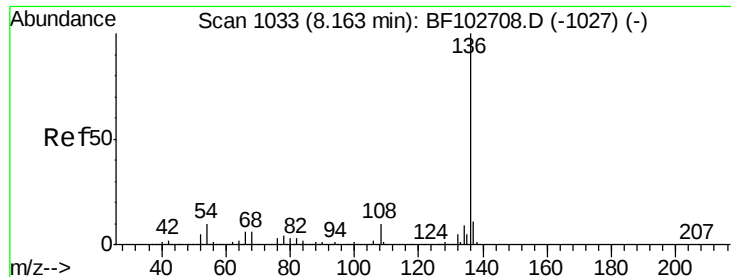
Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

66 38.3 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102879.D

Acq: 9 Feb 2018 10:56

Instrument :

BNA_F

ClientSampleId :

1-1-4-DENSE-GRADE-AGG-RCA

Tot Ion:136 Resp: 710187

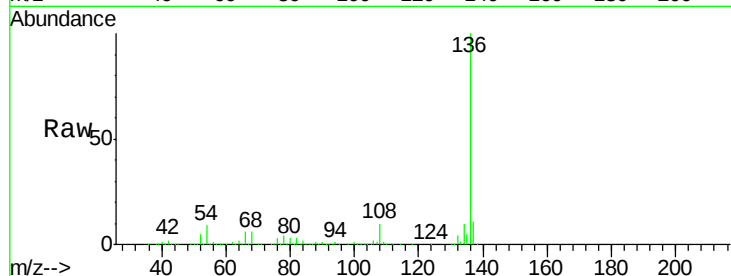
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 6.6 9.8

68 6.4 5.0 7.4

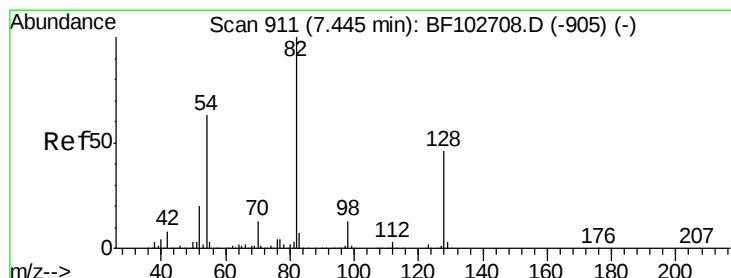
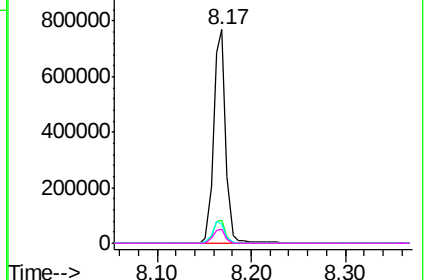
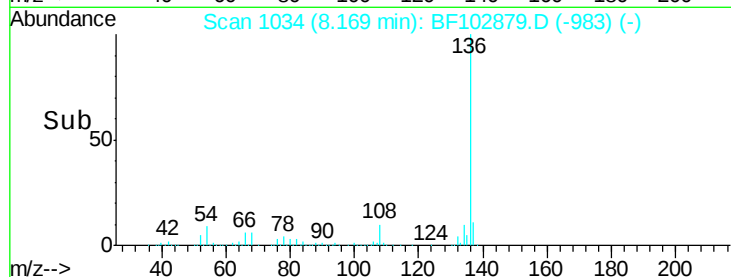


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.380 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102879.D

Acq: 9 Feb 2018 10:56

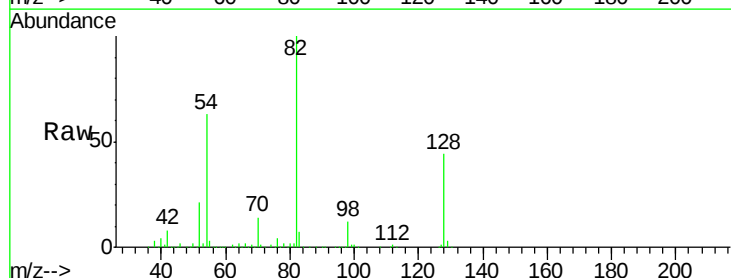
Tgt Ion: 82 Resp: 761473

Ion Ratio Lower Upper

82 100

128 43.8 36.1 54.1

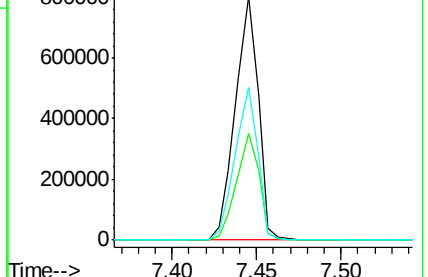
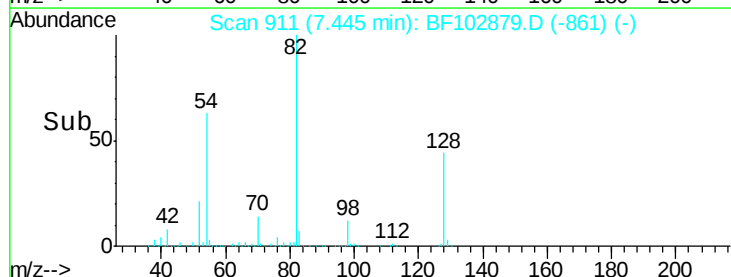
54 62.7 41.4 62.2#



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

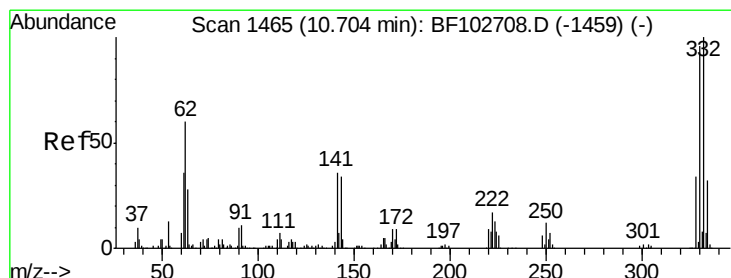
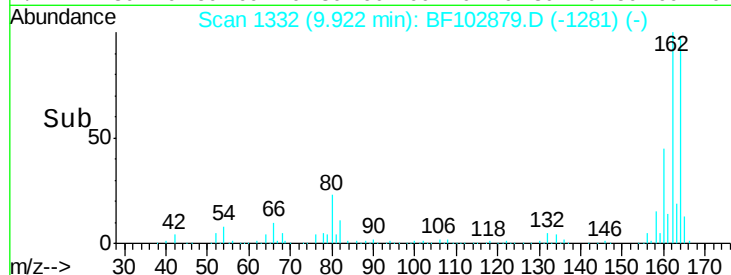
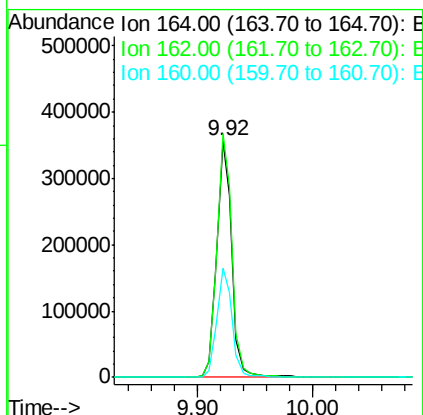
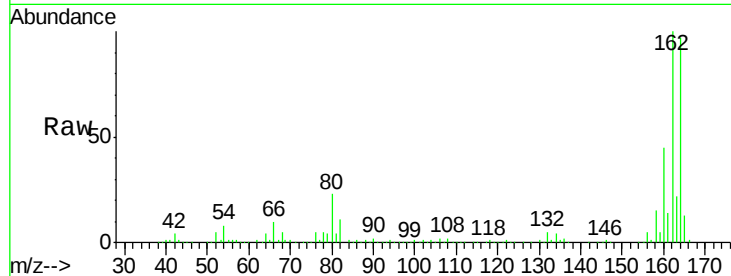




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102879.D
Acq: 9 Feb 2018 10:56

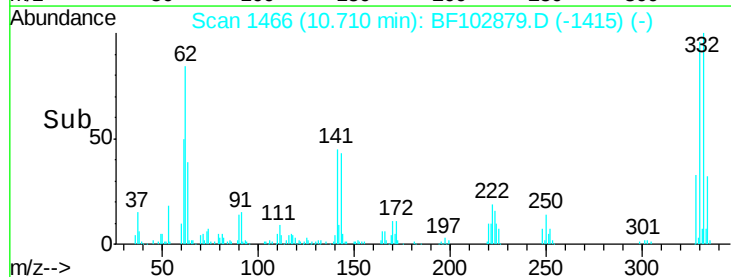
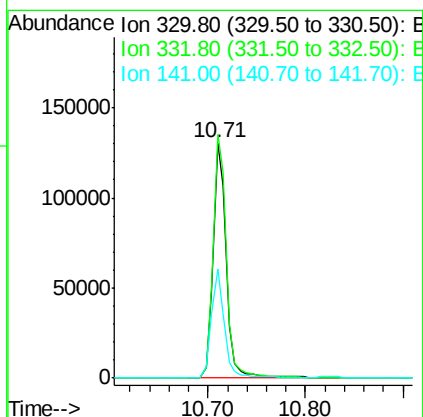
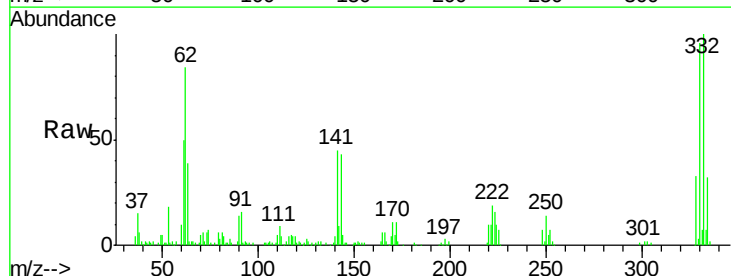
Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCA

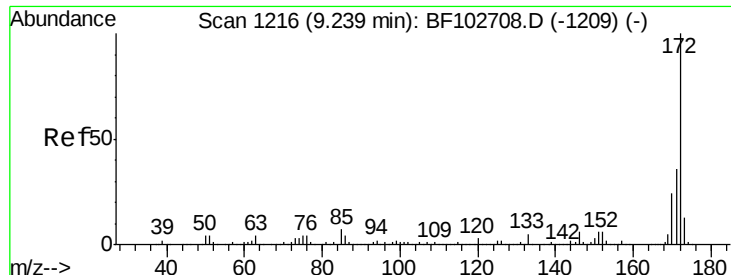
Tot Ion:164 Resp: 320793
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 46.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 47.416 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102879.D
Acq: 9 Feb 2018 10:56

Tgt Ion:330 Resp: 122428
Ion Ratio Lower Upper
330 100
332 105.1 77.0 115.6
141 46.8 29.9 44.9#



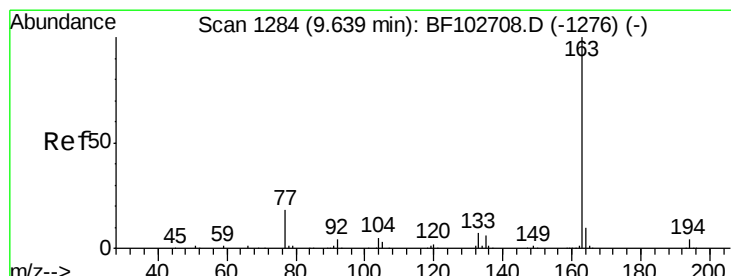
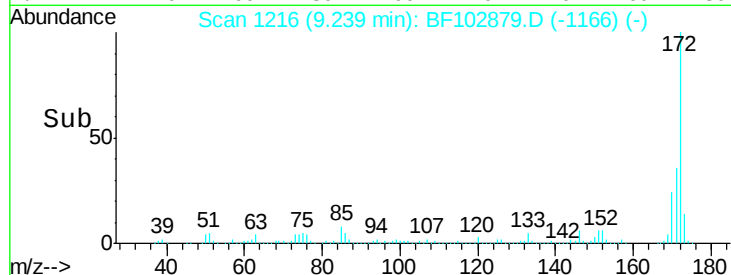
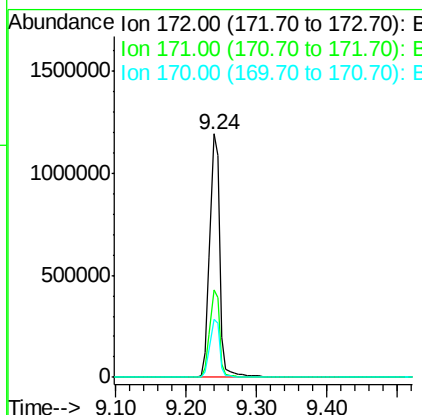
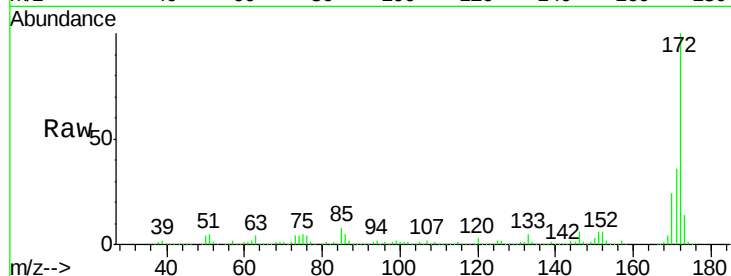


#44
 2-Fluorobiphenyl
 Concen: 61.837 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102879.D
 Acq: 9 Feb 2018 10:56

Instrument :
 BNA_F
 ClientSampleId :
 1-1-4-DENSE-GRADE-AGG-RCA

Tot Ion:172 Resp: 1195461

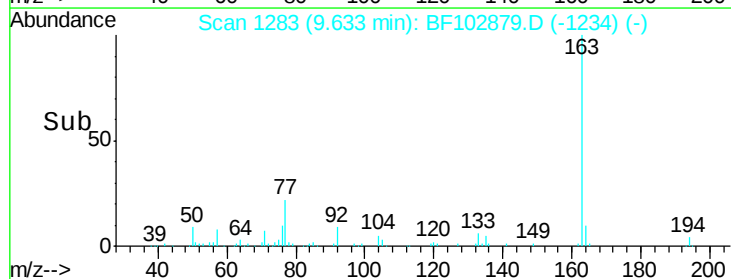
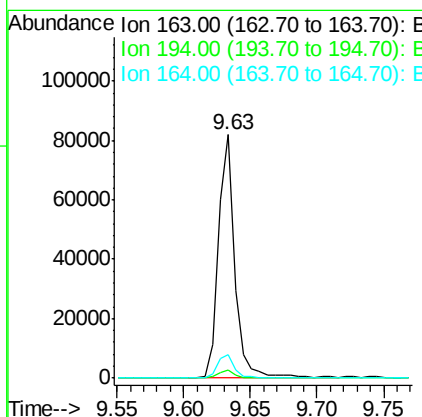
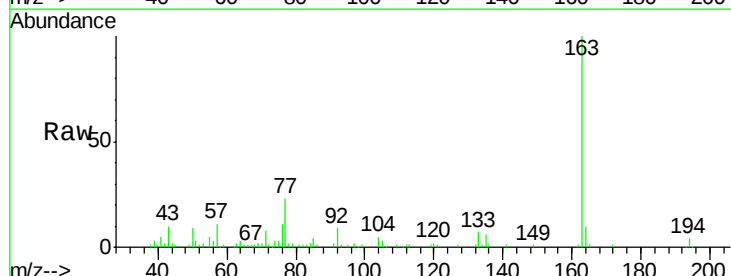
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

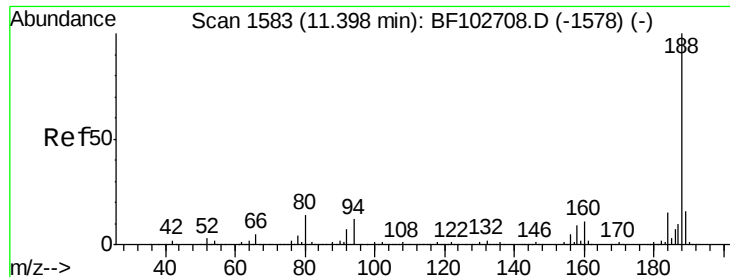


#49
 Dimethylphthalate
 Concen: 2.876 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF102879.D
 Acq: 9 Feb 2018 10:56

Tgt Ion:163 Resp: 71947

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2

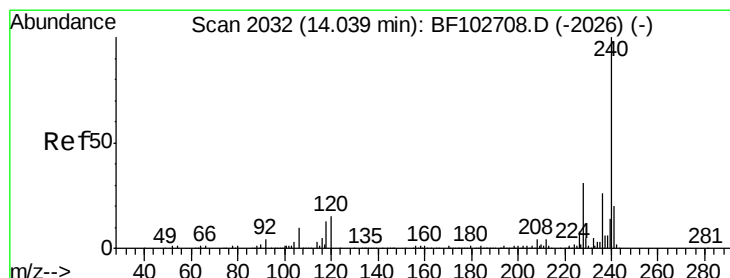
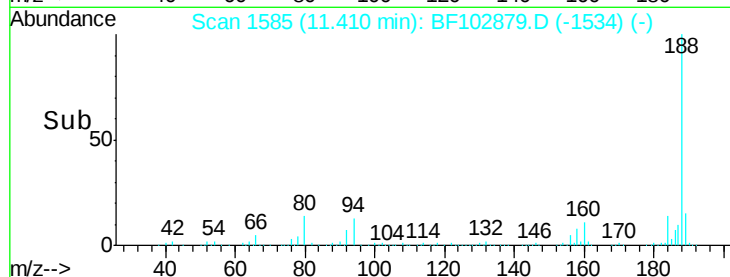
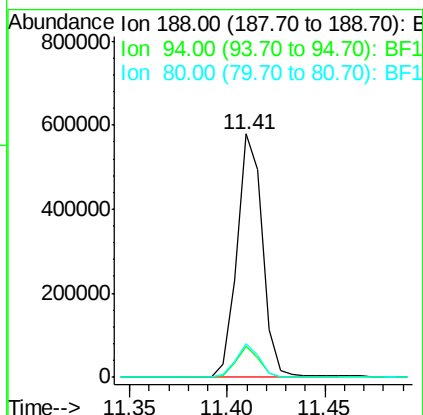
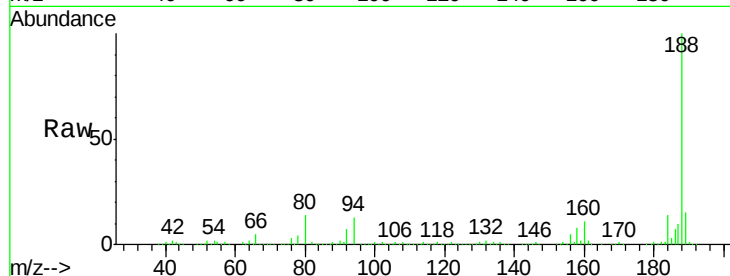




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102879.D
Acq: 9 Feb 2018 10:56

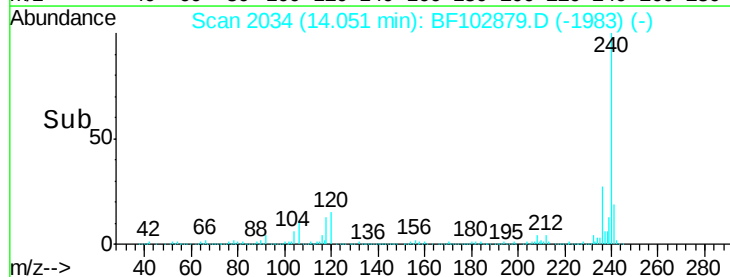
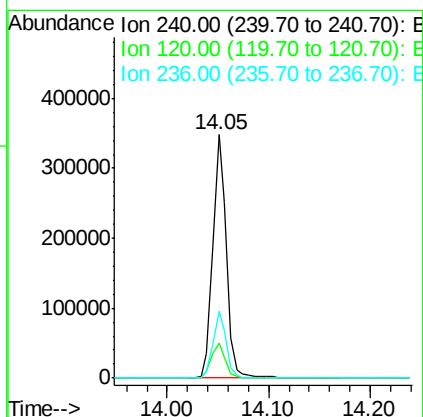
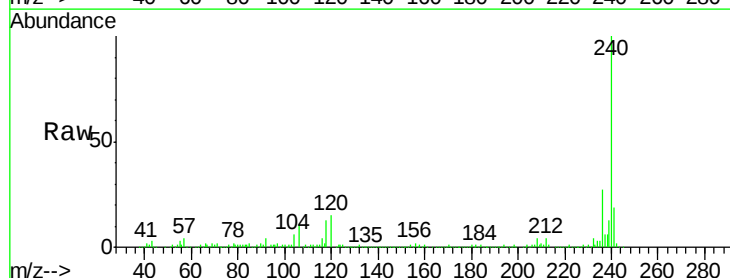
Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCA

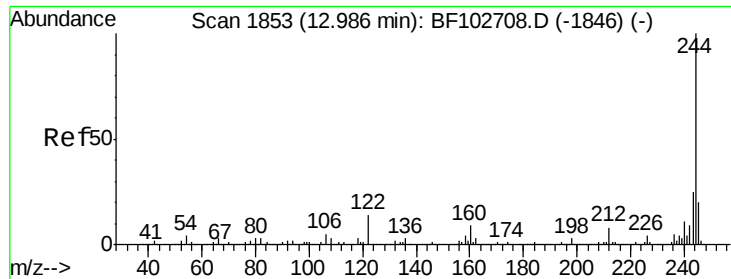
Tot Ion:188 Resp: 523639
Ion Ratio Lower Upper
188 100
94 12.9 8.5 12.7#
80 13.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102879.D
Acq: 9 Feb 2018 10:56

Tgt Ion:240 Resp: 323740
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 27.3 20.7 31.1





#78

Terphenyl-d14

Concen: 66.584 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102879.D

Acq: 9 Feb 2018 10:56

Instrument :

BNA_F

ClientSampleId :

1-1-4-DENSE-GRADE-AGG-RCA

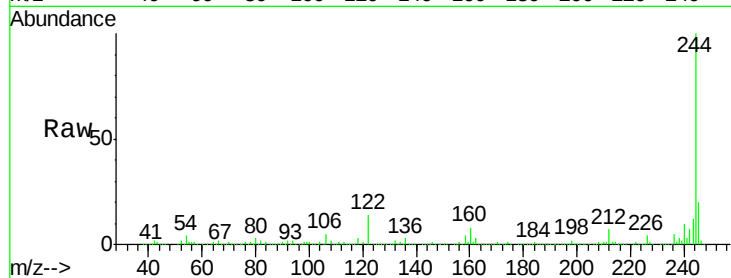
Tot Ion:244 Resp: 910391

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

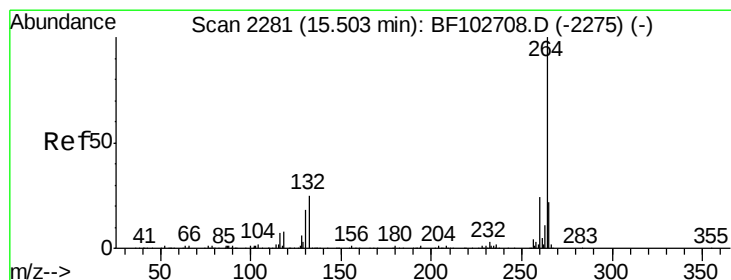
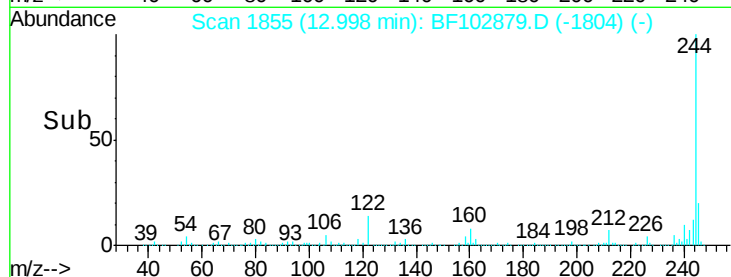
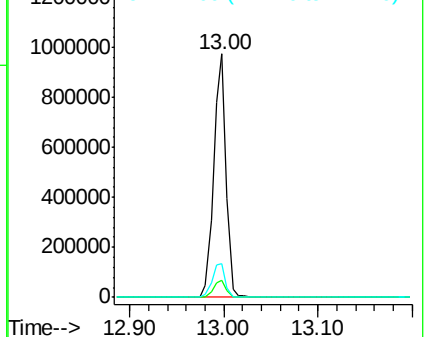
122 13.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102879.D

Acq: 9 Feb 2018 10:56

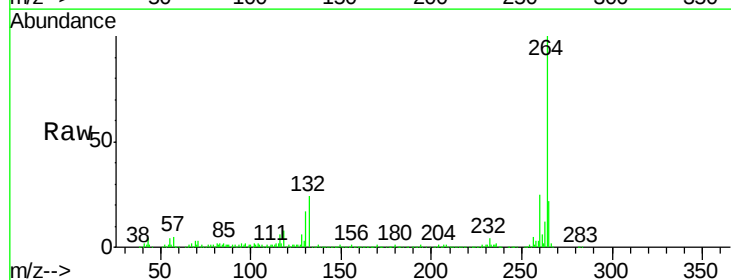
Tgt Ion:264 Resp: 340825

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.9 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

