

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102982.D
 Acq On : 14 Feb 2018 12:00
 Operator : SJ/JU
 Sample : J1397-05 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021218-C

Quant Time: Feb 14 14:51:42 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 00:38:27 2018
 Response via : Initial Calibration

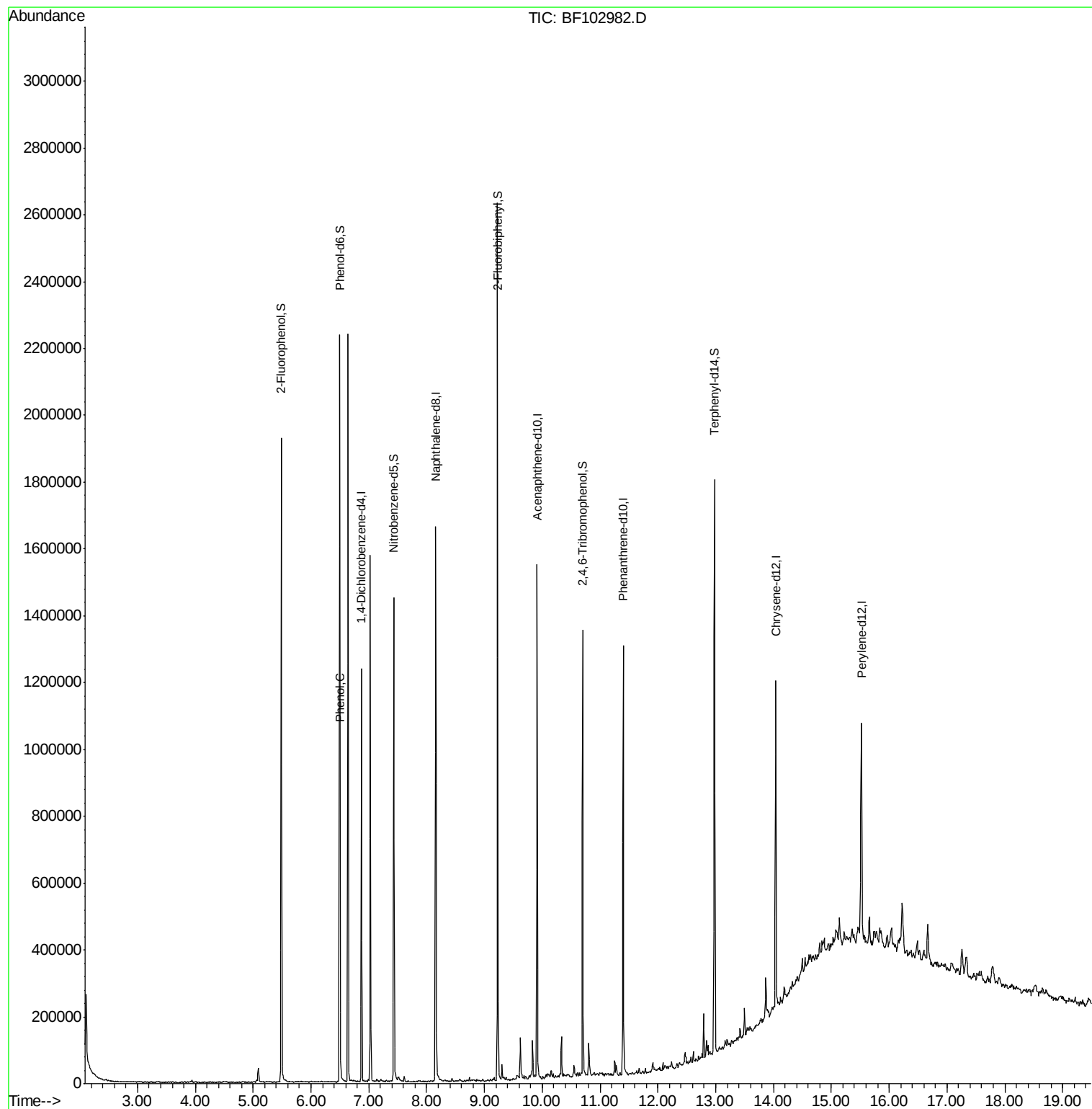
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170236	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	704492	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	296492	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	431218	20.00	ng	0.00
75) Chrysene-d12	14.04	240	316821	20.00	ng	0.00
86) Perylene-d12	15.52	264	287170	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	499774	44.58	ng	0.00
7) Phenol-d6	6.50	99	698433	51.75	ng	0.00
23) Nitrobenzene-d5	7.43	82	406349	40.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	137519	57.63	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	742968	41.58	ng	-0.01
78) Terphenyl-d14	12.98	244	516868	38.63	ng	0.00
Target Compounds						
10) Phenol	6.51	94	29089	2.011	ng	Qvalue 96

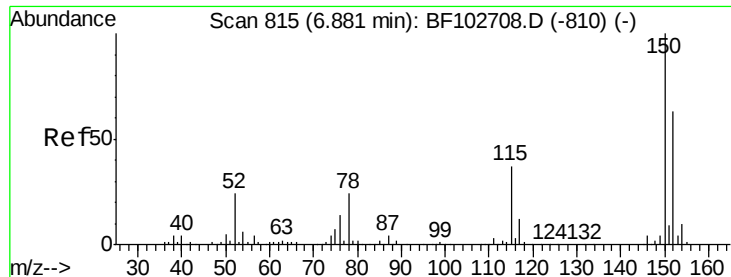
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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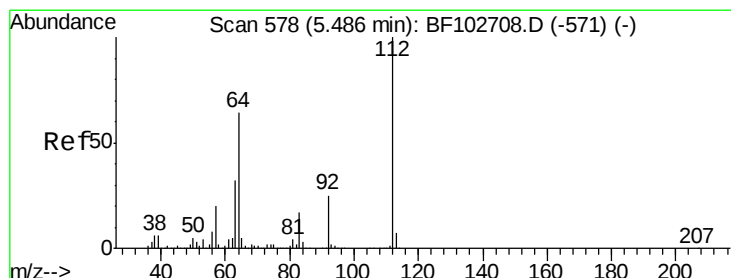
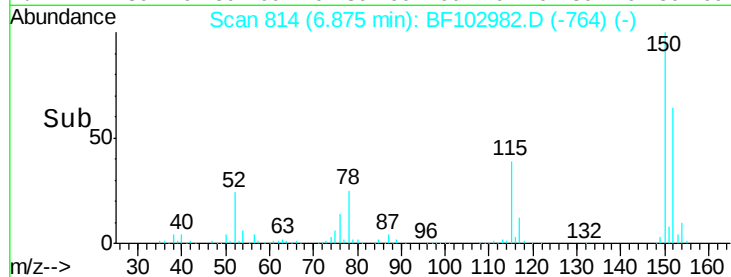
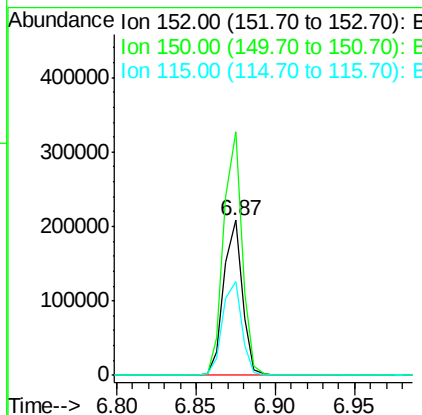
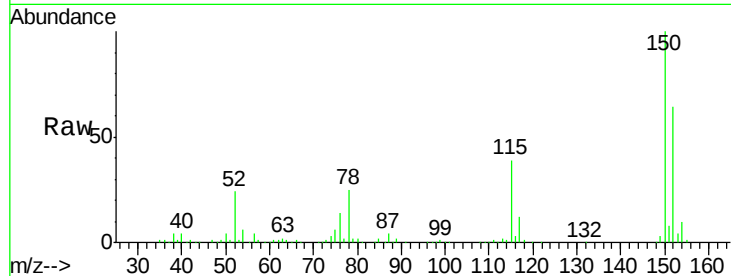


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-C

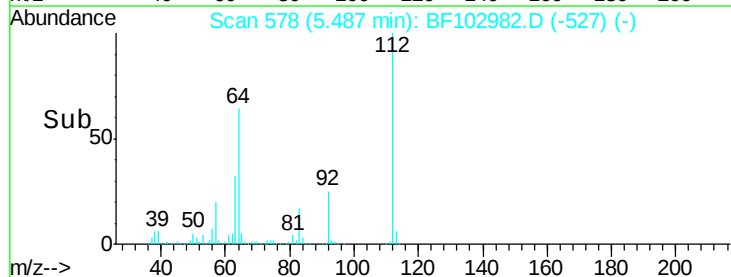
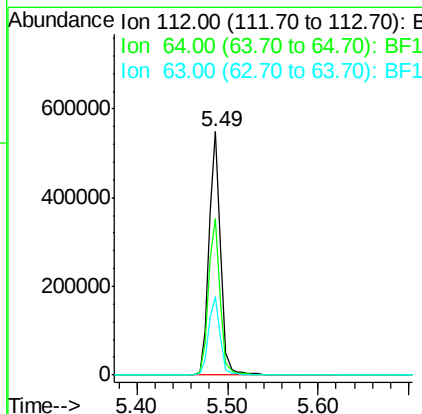
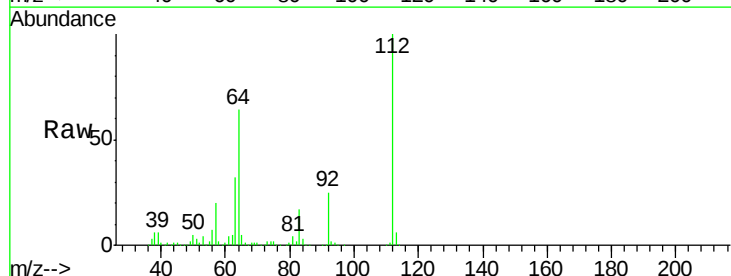
Tot Ion:152 Resp: 170236
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 60.6 50.1 75.1

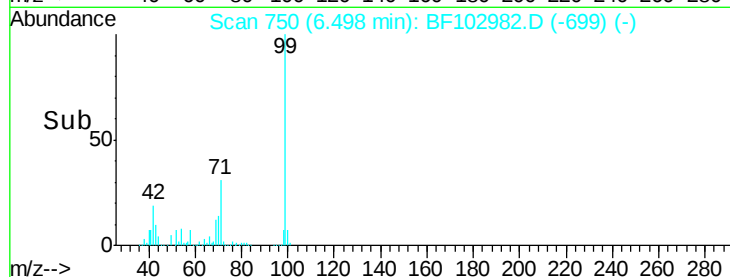
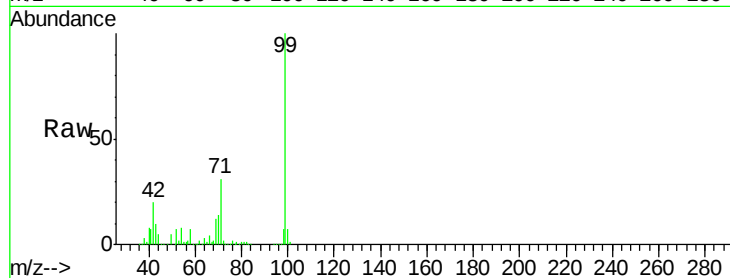


#5

2-Fluorophenol
Concen: 44.585 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion:112 Resp: 499774
Ion Ratio Lower Upper
112 100
64 64.2 47.9 71.9
63 32.1 23.7 35.5





#7

Phenol-d6

Concen: 51.747 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102982.D

Acq: 14 Feb 2018 12:00

Instrument :

BNA_F

ClientSampleId :

CL-01-021218-C

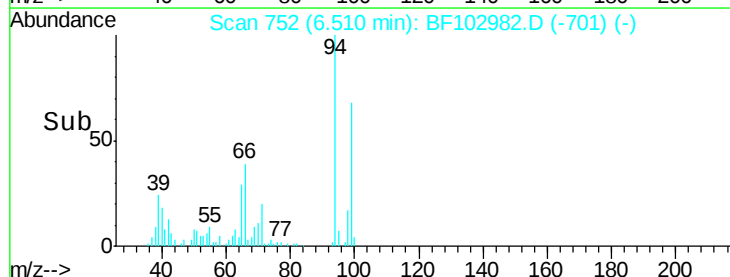
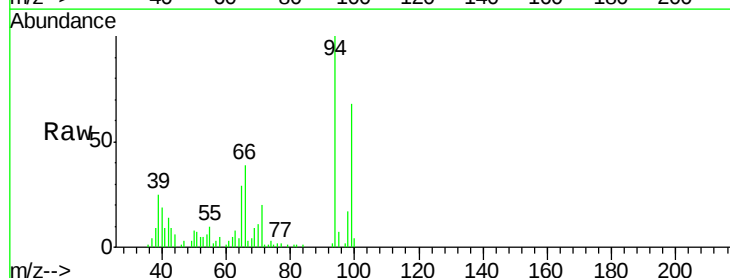
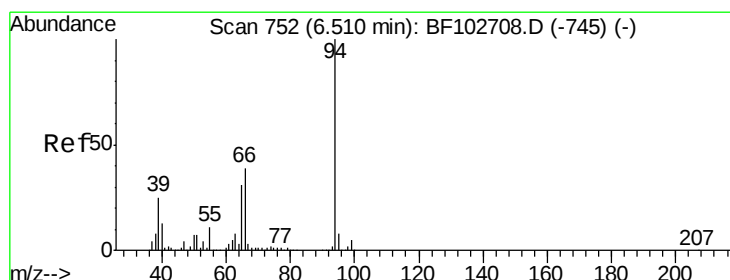
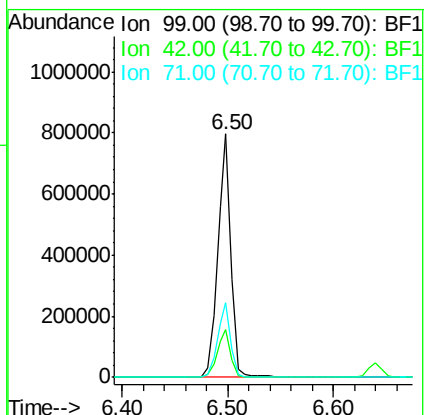
Tot Ion: 99 Resp: 698433

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 30.8 25.4 38.0



#10

Phenol

Concen: 2.011 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF102982.D

Acq: 14 Feb 2018 12:00

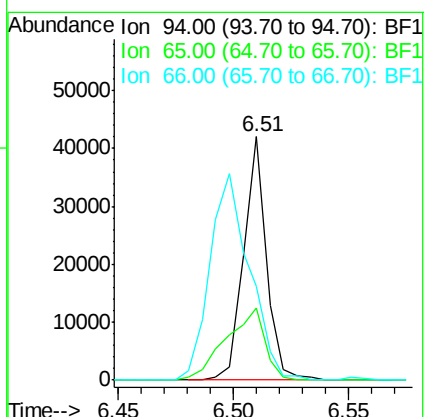
Tgt Ion: 94 Resp: 29089

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

66 38.7 16.2 56.2

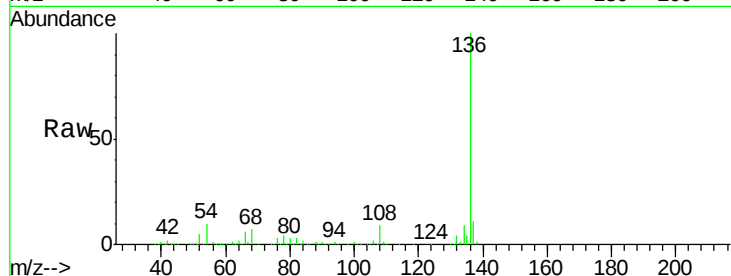




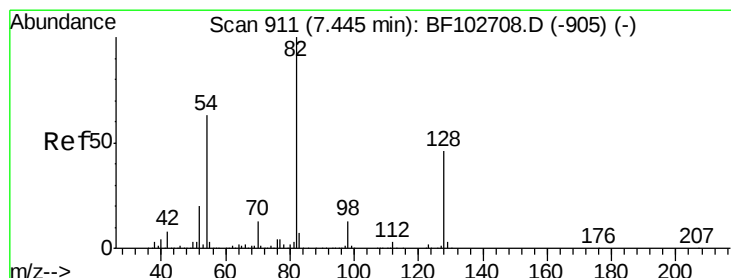
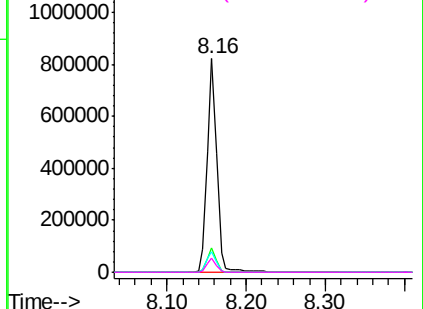
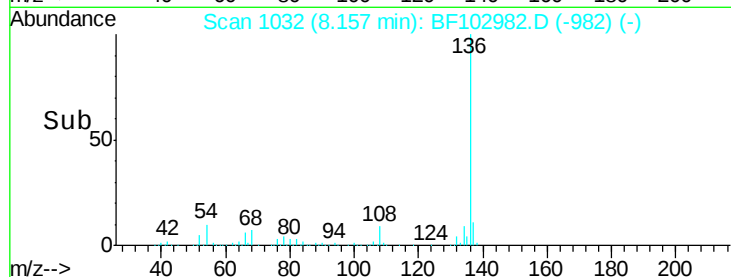
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-C

Tot Ion:136	Resp:	704492
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	9.7	6.6 9.8
68	6.7	5.0 7.4

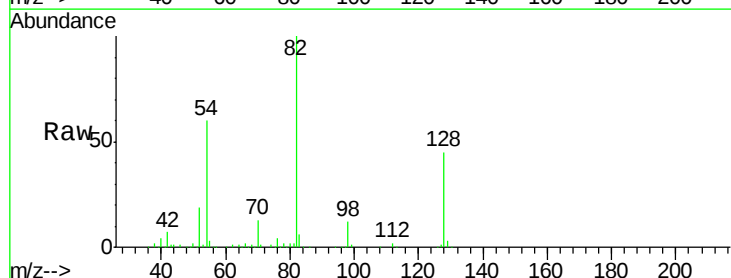


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

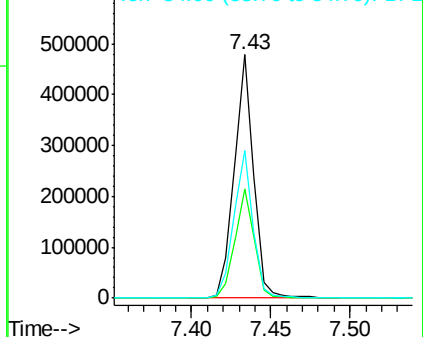
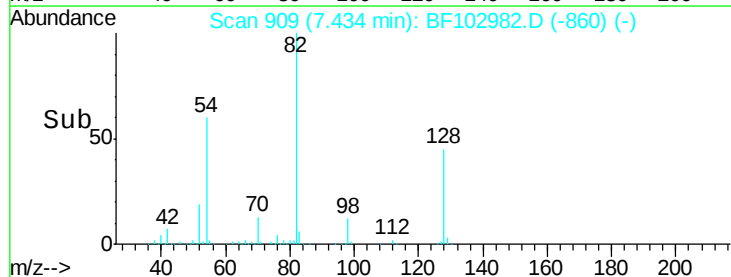


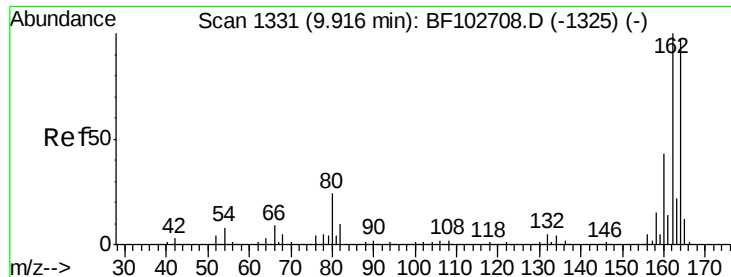
#23
Nitrobenzene-d5
Concen: 40.013 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion: 82	Resp:	406349
Ion	Ratio	Lower Upper
82	100	
128	44.7	36.1 54.1
54	60.5	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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102982.D

Acq: 14 Feb 2018 12:00

Instrument :

BNA_F

ClientSampleId :

CL-01-021218-C

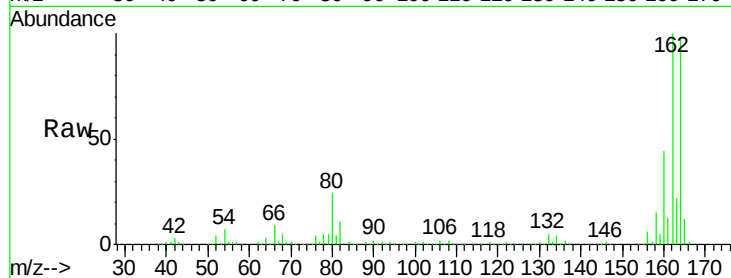
Tot Ion:164 Resp: 296492

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

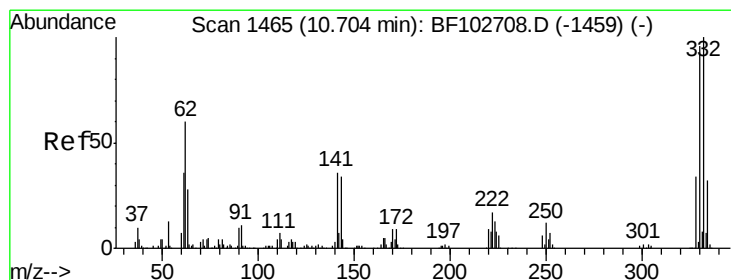
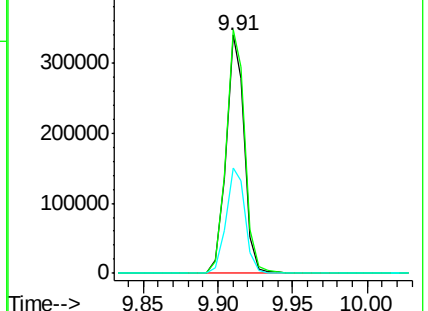
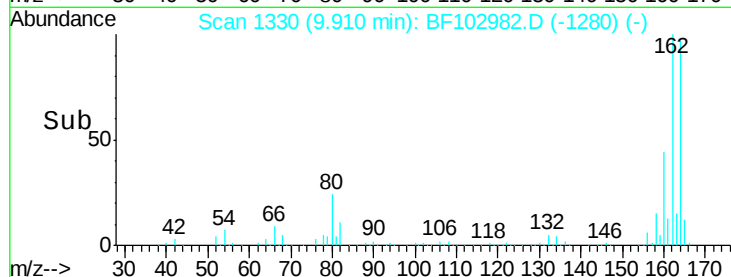
160 44.5 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 57.626 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF102982.D

Acq: 14 Feb 2018 12:00

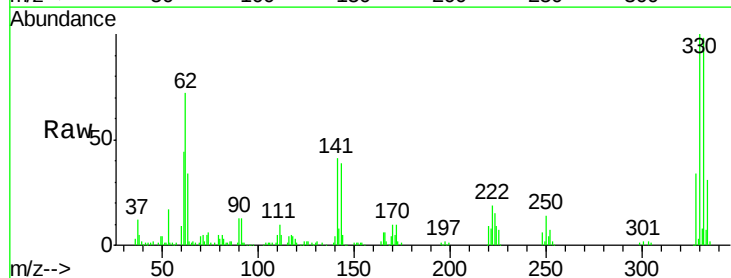
Tgt Ion:330 Resp: 137519

Ion Ratio Lower Upper

330 100

332 101.0 77.0 115.6

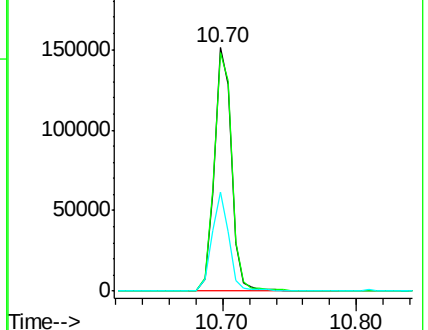
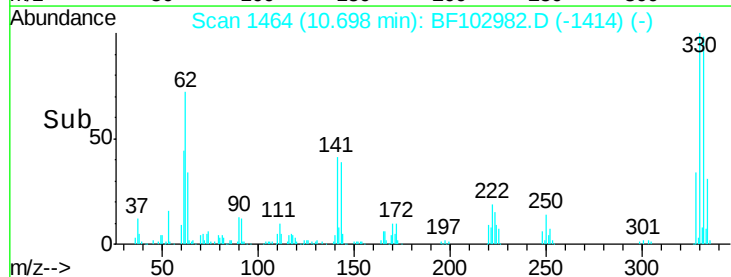
141 40.4 29.9 44.9

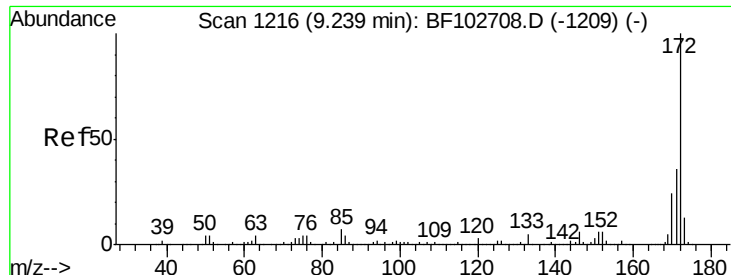


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

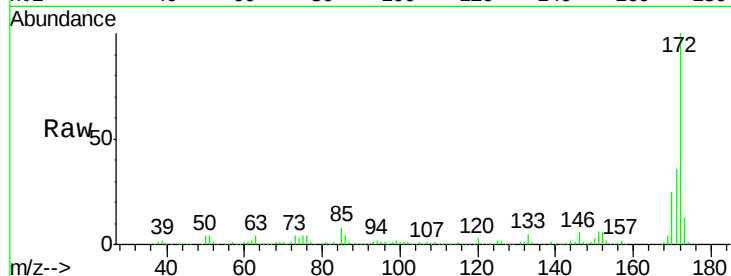




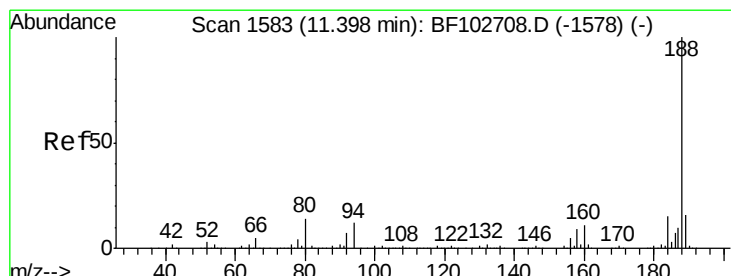
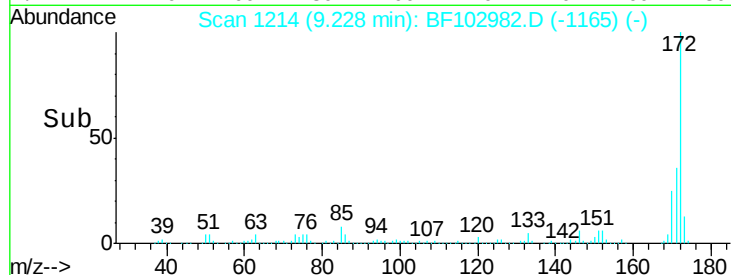
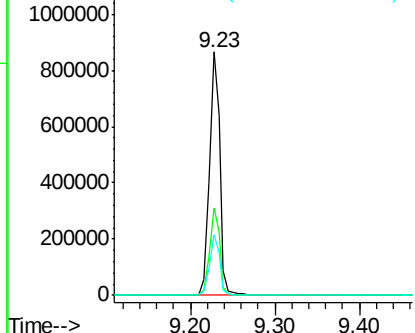
#44
 2-Fluorobiphenyl
 Concen: 41.581 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF102982.D
 Acq: 14 Feb 2018 12:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021218-C

Tot Ion:172 Resp: 742968
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.9 19.6 29.4

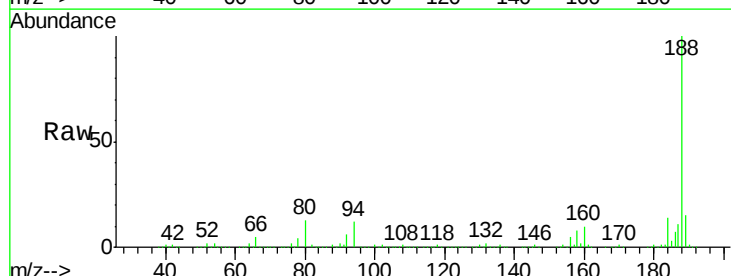


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

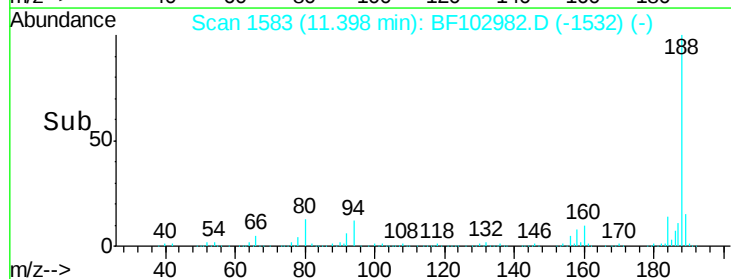
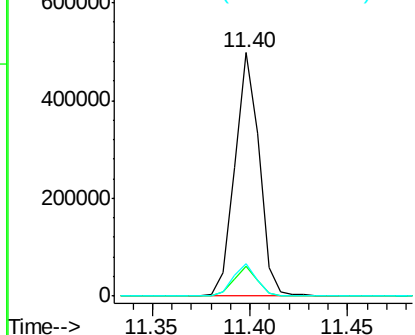


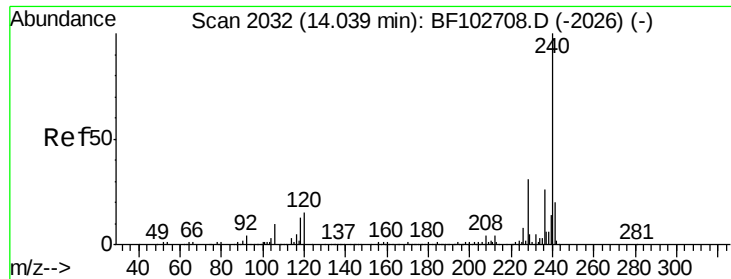
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF102982.D
 Acq: 14 Feb 2018 12:00

Tgt Ion:188 Resp: 431218
 Ion Ratio Lower Upper
 188 100
 94 12.1 8.5 12.7
 80 13.1 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

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF102982.D

Acq: 14 Feb 2018 12:00

Instrument :

BNA_F

ClientSampleId :

CL-01-021218-C

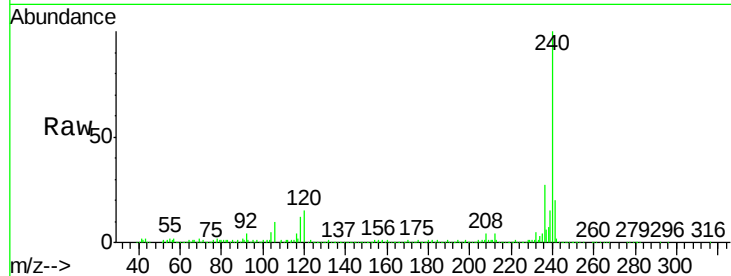
Tot Ion:240 Resp: 316821

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

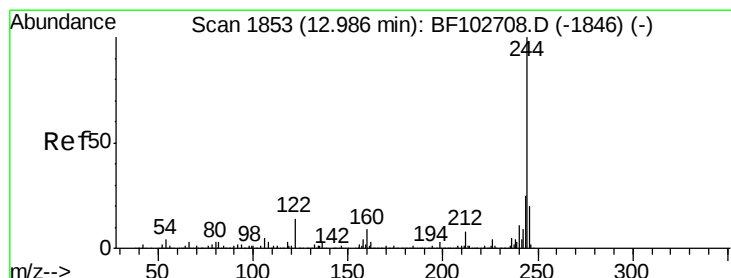
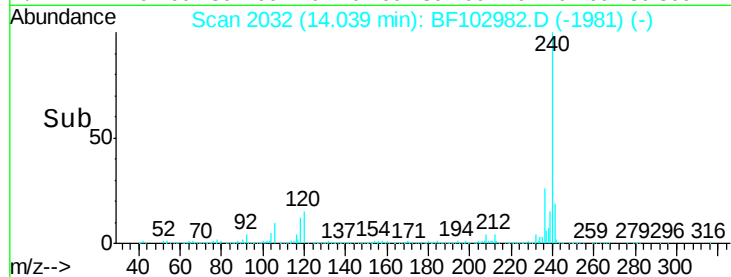
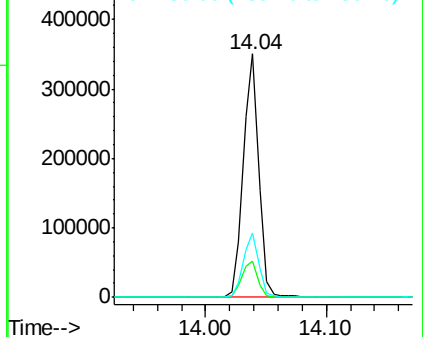
236 26.5 20.7 31.1



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: 38.628 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102982.D

Acq: 14 Feb 2018 12:00

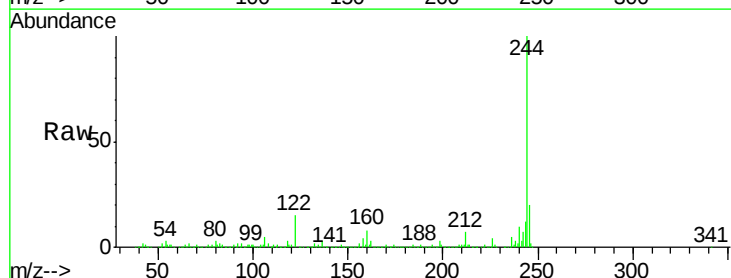
Tgt Ion:244 Resp: 516868

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

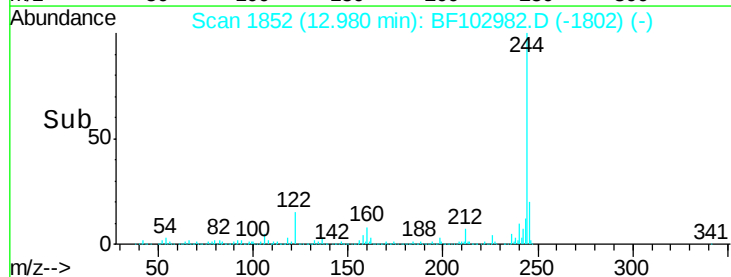
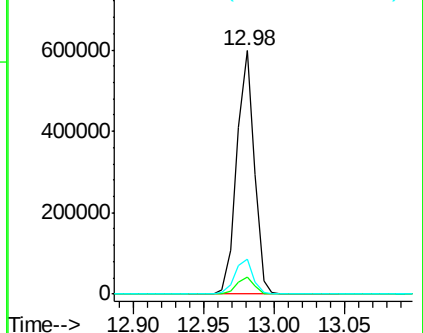
122 14.5 11.0 16.4

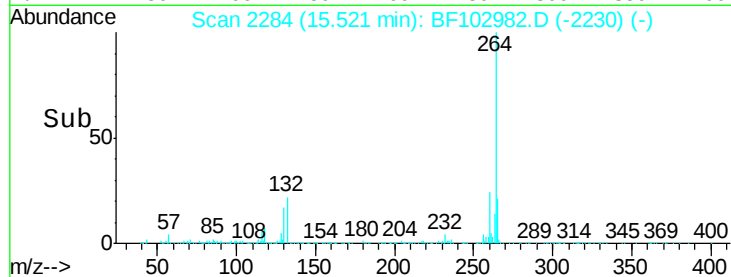
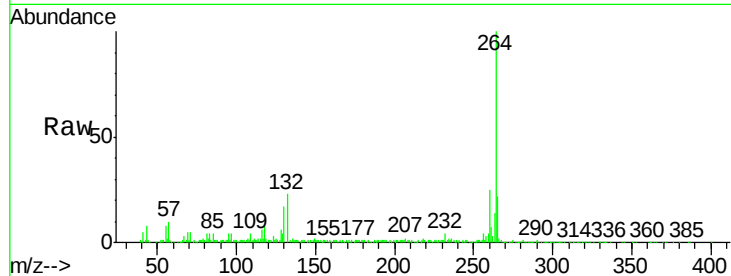
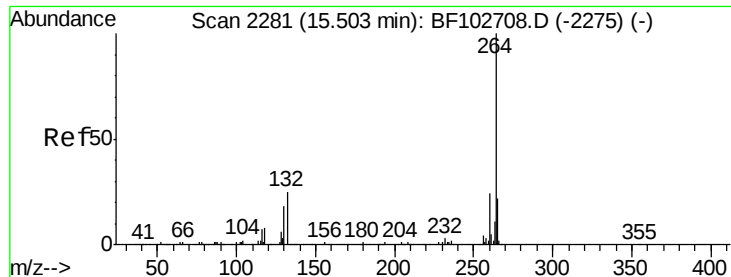


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.02 min
 Lab File: BF102982.D
 Acq: 14 Feb 2018 12:00

Instrument :
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 CL-01-021218-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.7	17.5	26.3

