

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098948.D
 Acq On : 29 Sep 2017 15:18
 Operator : SJ/JU
 Sample : I5487-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-B

Quant Time: Sep 29 17:01:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	153290	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	641105	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	285048	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	450073	20.00	ng	0.00
75) Chrysene-d12	14.08	240	242345	20.00	ng	0.00
86) Perylene-d12	15.57	264	247914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1105230	114.78	ng	0.02
7) Phenol-d6	6.55	99	1191128	100.27	ng	0.00
23) Nitrobenzene-d5	7.48	82	932457	93.27	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	284232	121.86	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1554784	91.06	ng	0.00
78) Terphenyl-d14	13.03	244	1086408	101.95	ng	0.00

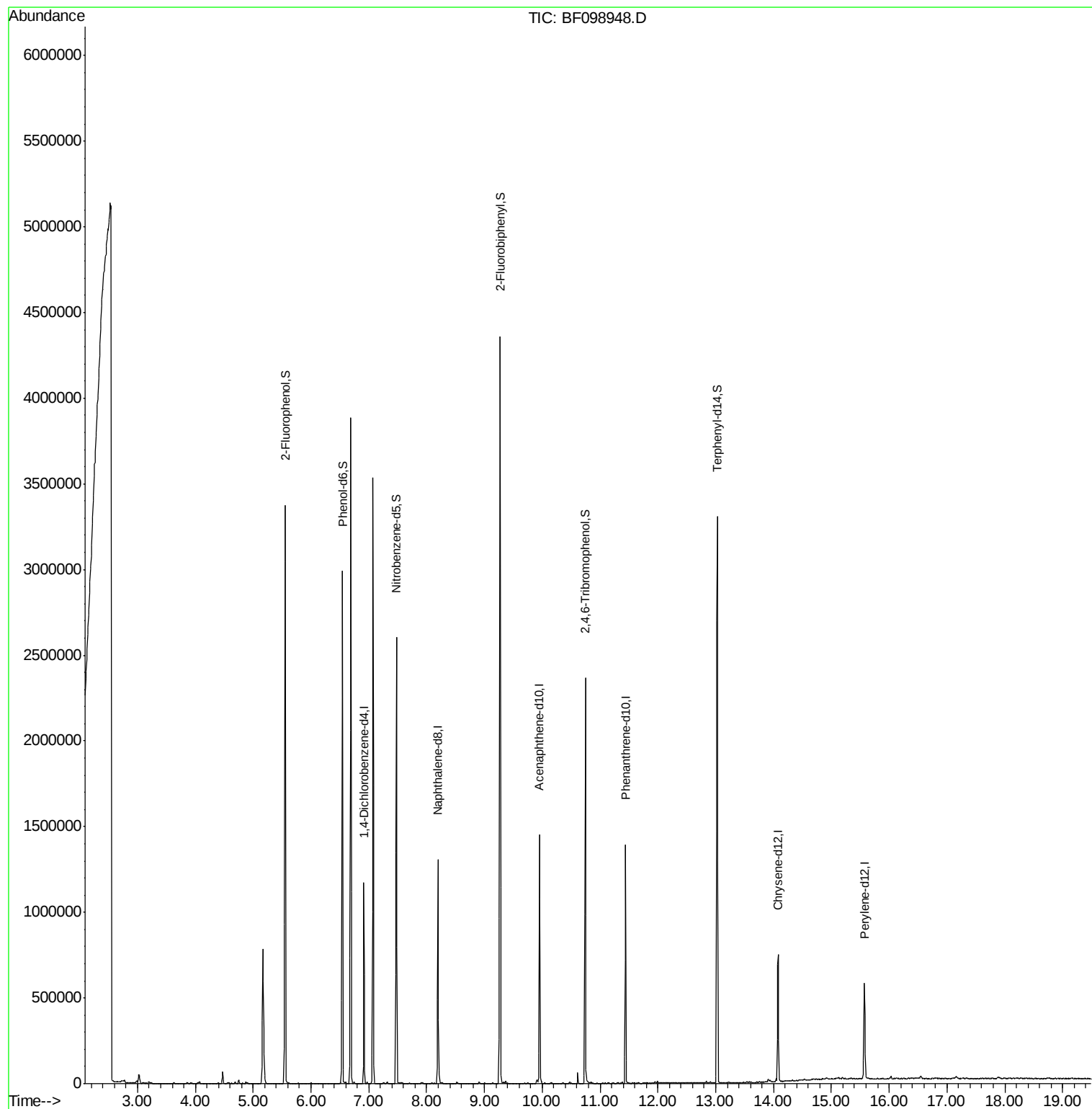
Target Compounds Qvalue

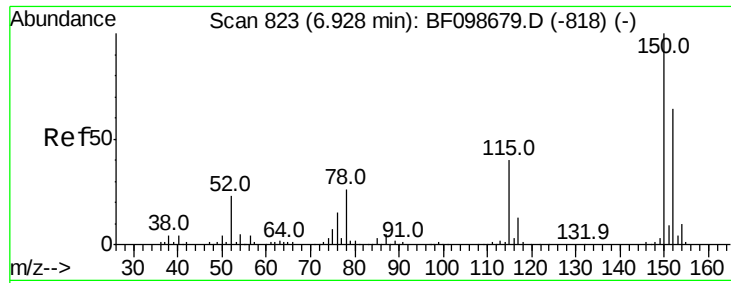
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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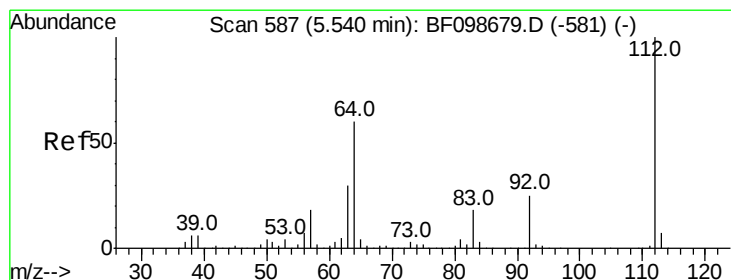
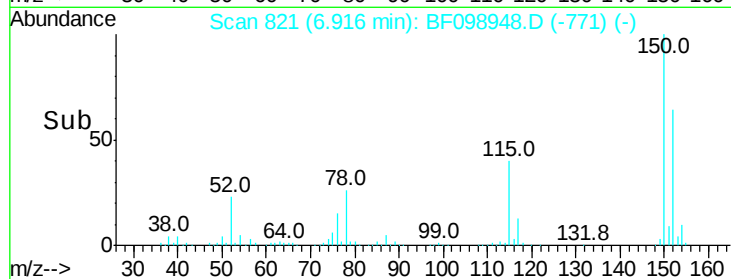
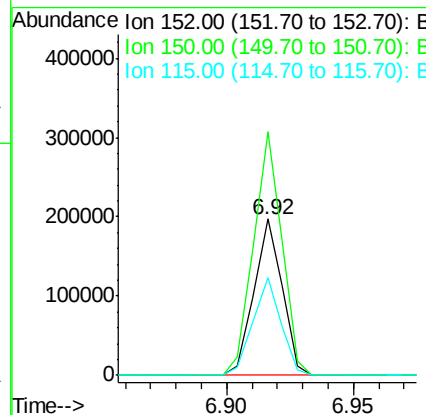
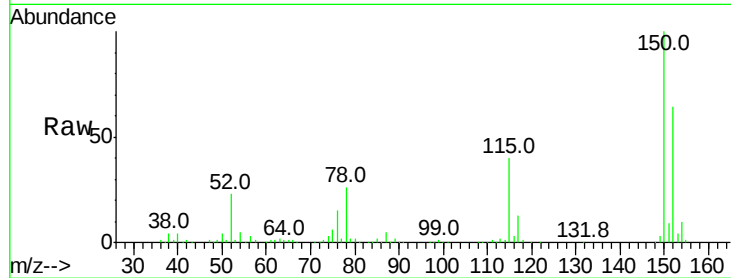


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098948.D
Acq: 29 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-B

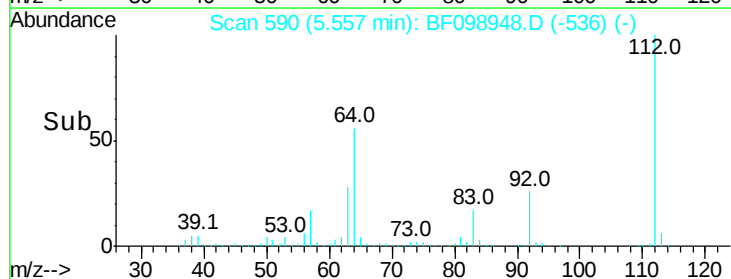
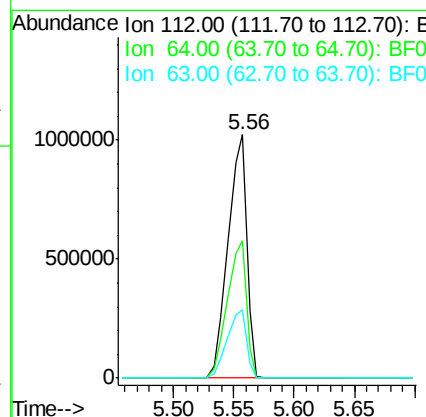
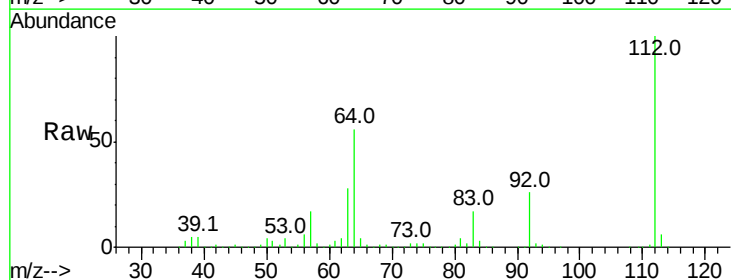
Tot Ion:152 Resp: 153290
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 62.5 50.1 75.1



#5

2-Fluorophenol
Concen: 114.777 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF098948.D
Acq: 29 Sep 2017 15:18

Tgt Ion:112 Resp: 1105230
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 28.1 23.7 35.5





#7

Phenol-d6

Concen: 100.272 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF098948.D

Acq: 29 Sep 2017 15:18

Instrument :

BNA_F

ClientSampleId :

CL-02-092717-B

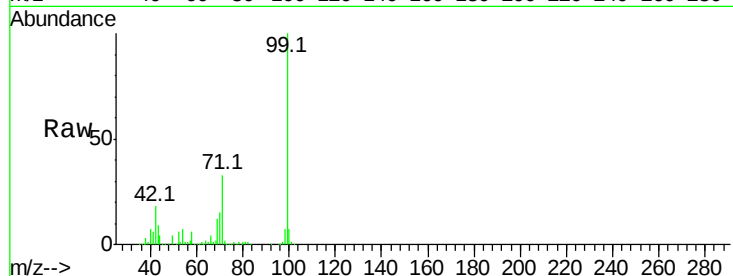
Tot Ion: 99 Resp: 1191128

Ion Ratio Lower Upper

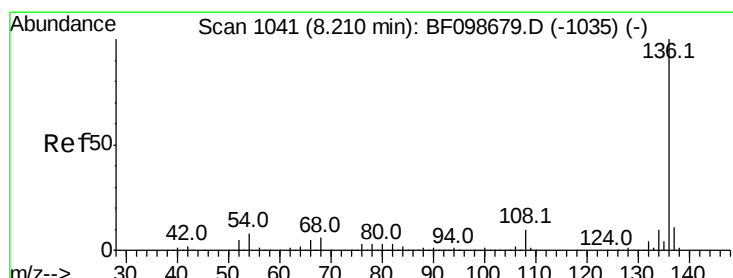
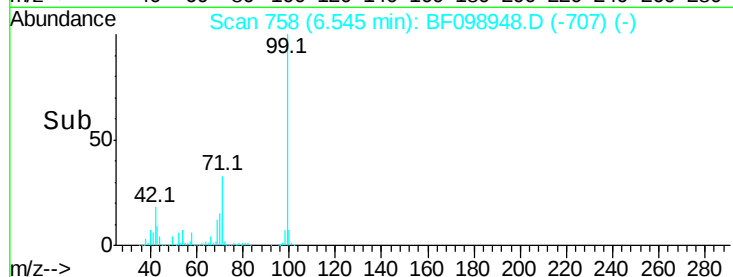
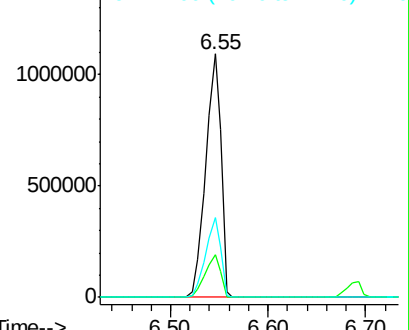
99 100

42 17.6 14.5 21.7

71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098948.D

Acq: 29 Sep 2017 15:18

Tgt Ion: 136 Resp: 641105

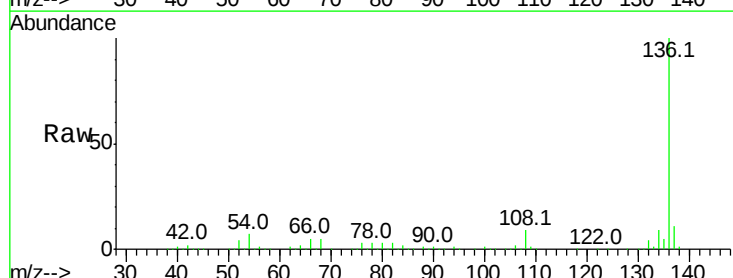
Ion Ratio Lower Upper

136 100

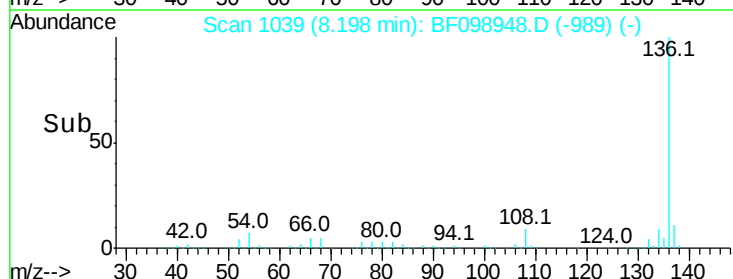
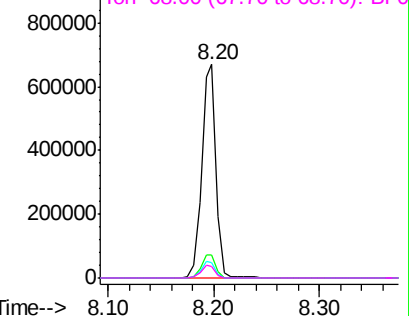
137 10.8 8.9 13.3

54 7.0 6.6 9.8

68 5.5 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): BF0
Ion 68.00 (67.70 to 68.70): BF0

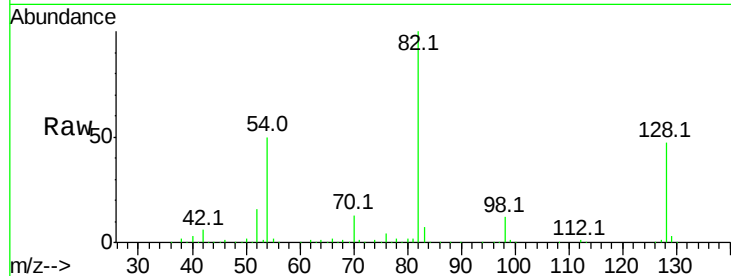




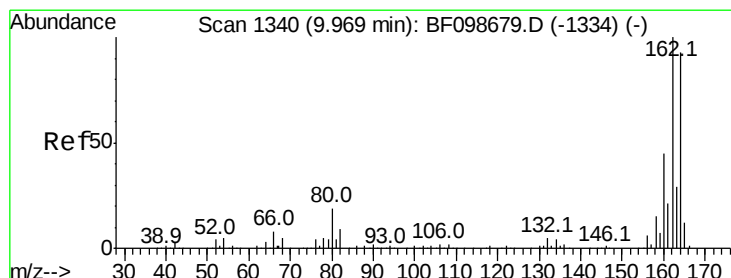
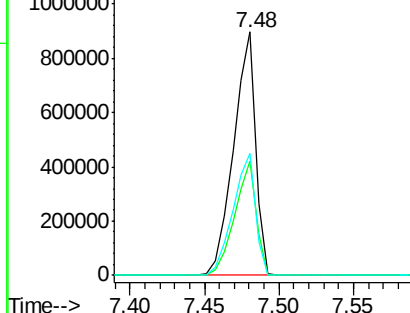
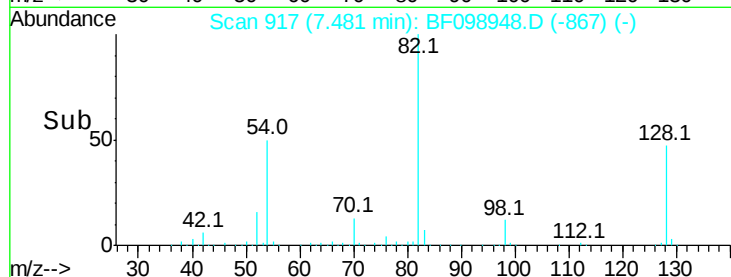
#23
 Nitrobenzene-d5
 Concen: 93.274 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098948.D
 Acq: 29 Sep 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-B

Tot Ion	82	Resp	932457
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.1	54.1
54	50.1	41.4	62.2

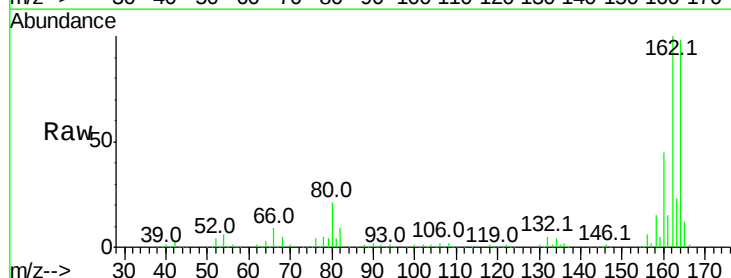


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

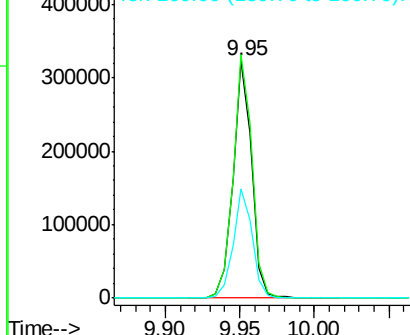
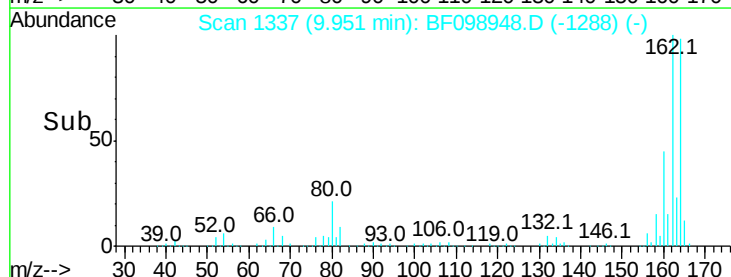


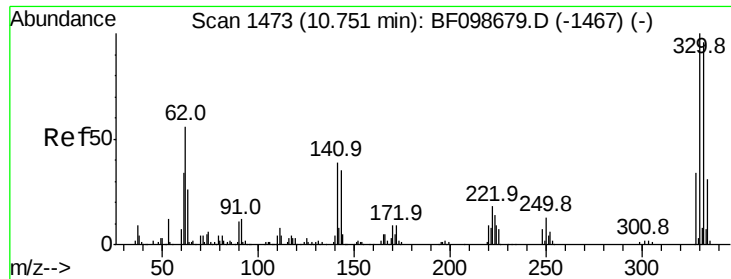
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098948.D
 Acq: 29 Sep 2017 15:18

Tgt Ion	164	Resp	285048
Ion Ratio	Lower	Upper	
164	100		
162	102.4	86.1	129.1
160	46.0	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

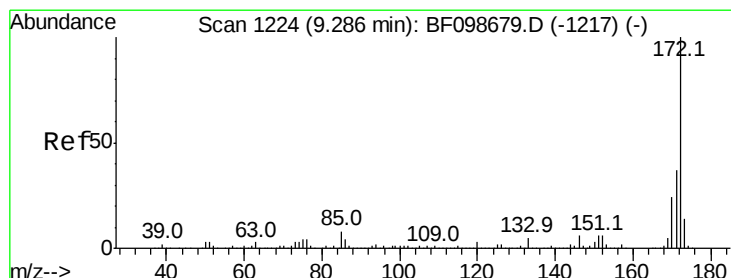
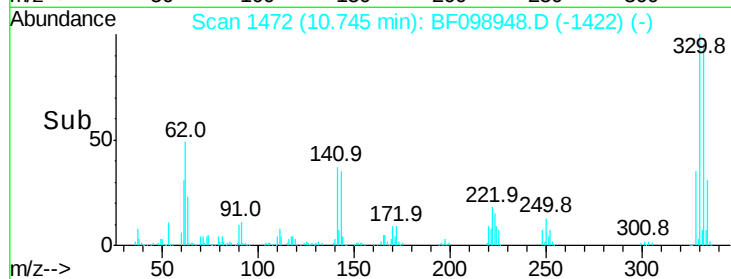
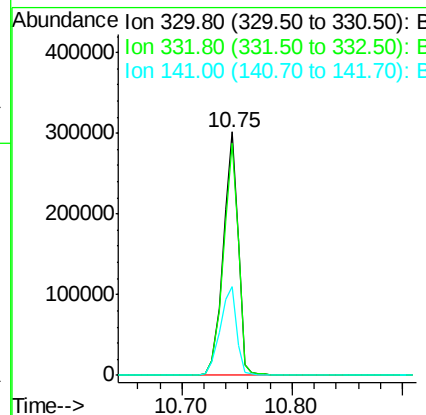
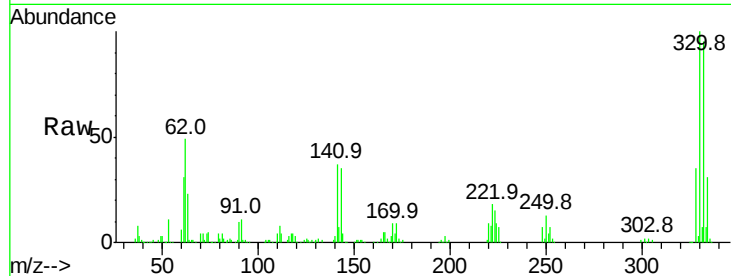




#41
 2,4,6-Tribromophenol
 Concen: 121.859 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098948.D
 Acq: 29 Sep 2017 15:18

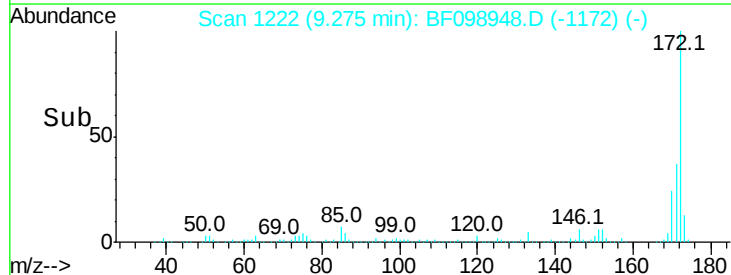
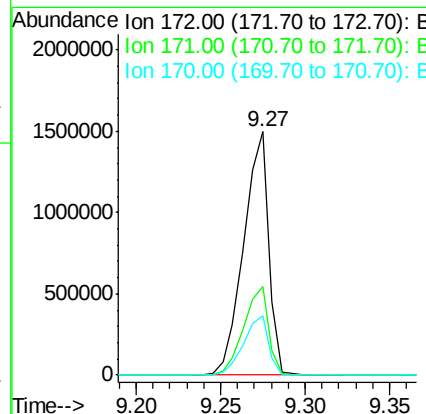
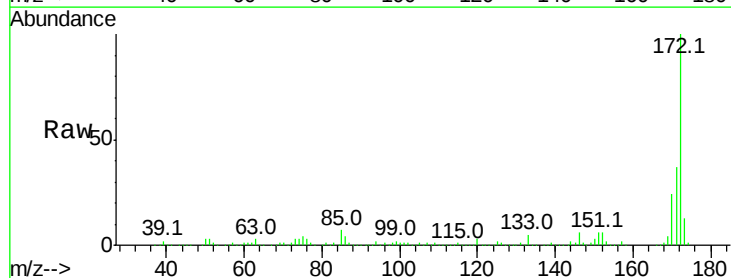
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-B

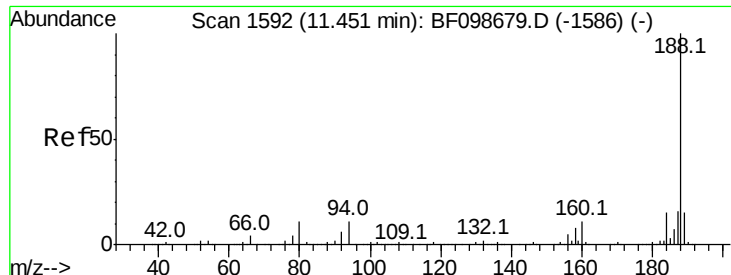
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	40.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 91.058 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098948.D
 Acq: 29 Sep 2017 15:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.4	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098948.D

Acq: 29 Sep 2017 15:18

Instrument :

BNA_F

ClientSampleId :

CL-02-092717-B

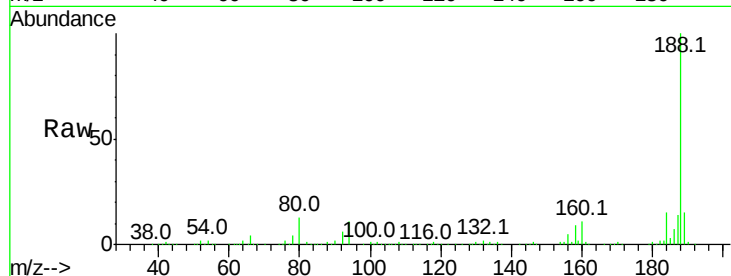
Tot Ion:188 Resp: 450073

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

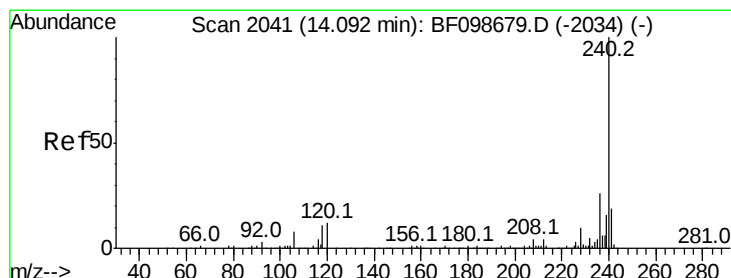
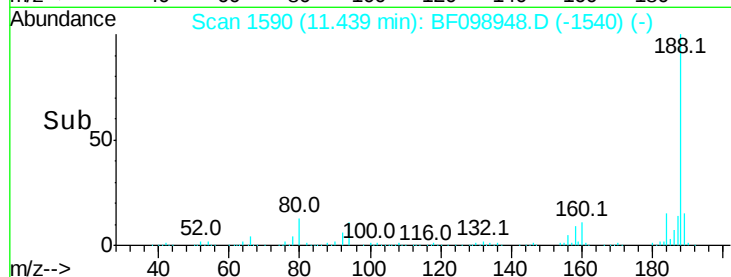
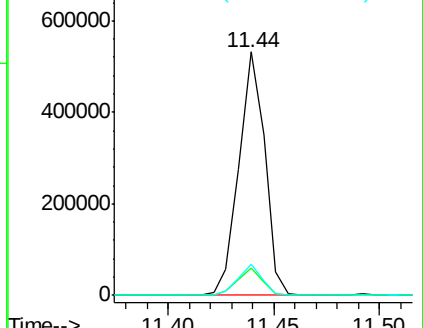
80 12.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098948.D

Acq: 29 Sep 2017 15:18

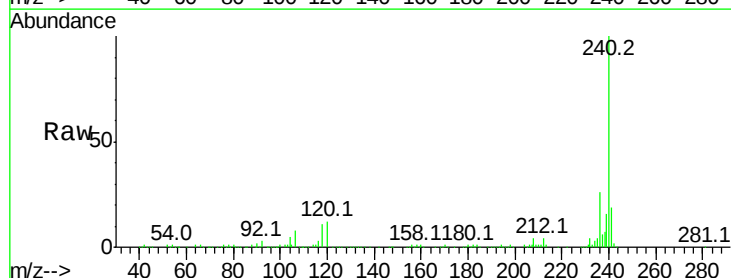
Tgt Ion:240 Resp: 242345

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

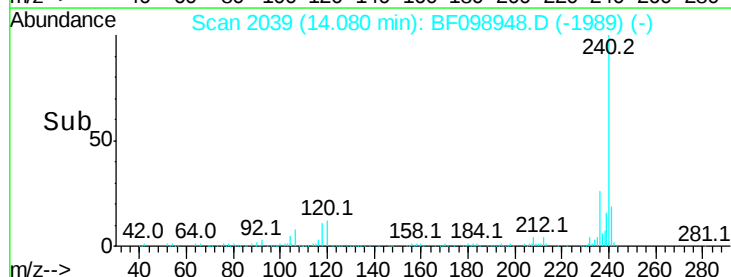
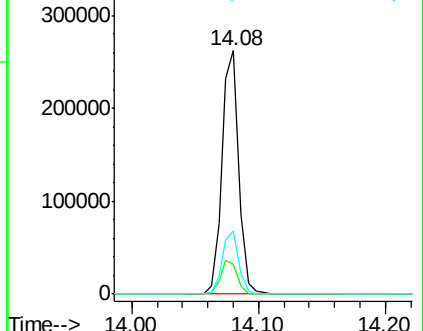
236 26.1 20.7 31.1

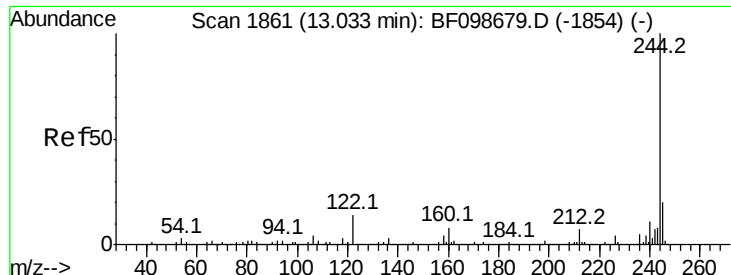


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.950 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098948.D

Acq: 29 Sep 2017 15:18

Instrument :

BNA_F

ClientSampleId :

CL-02-092717-B

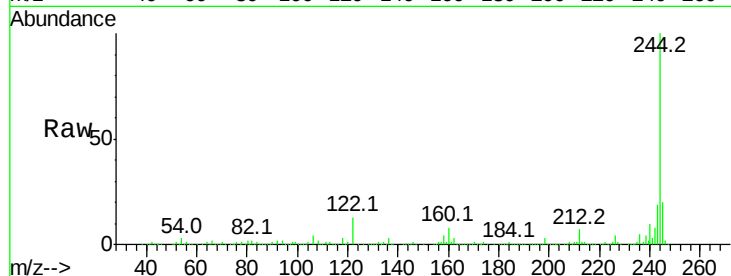
Tot Ion:244 Resp: 1086408

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

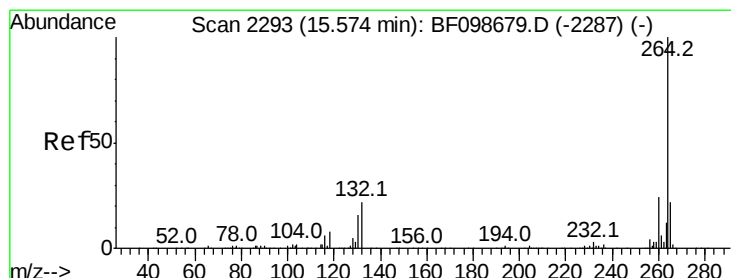
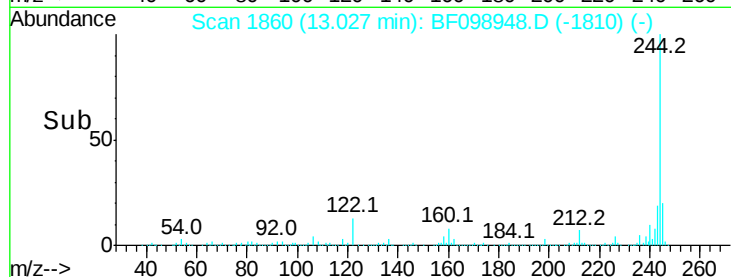
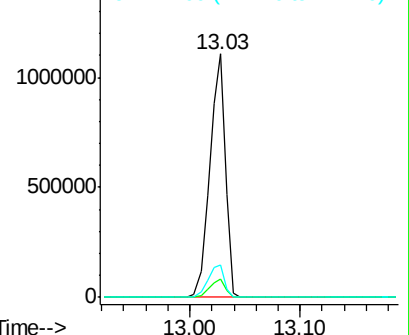
122 13.3 11.0 16.4



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: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BF098948.D

Acq: 29 Sep 2017 15:18

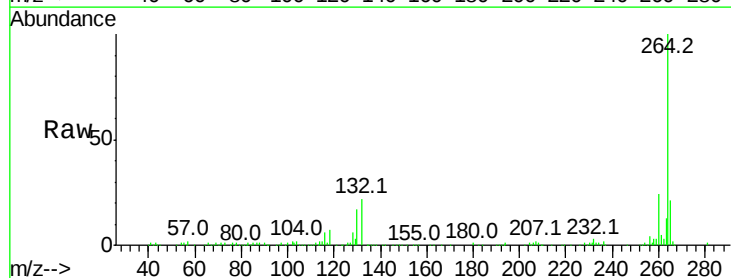
Tgt Ion:264 Resp: 247914

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.3 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

