

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098960.D
 Acq On : 30 Sep 2017 14:04
 Operator : SJ/JU
 Sample : PB102773BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BL

Quant Time: Oct 01 00:18:40 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	122823	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	524049	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	244912	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	447986	20.00	ng	0.00
75) Chrysene-d12	14.07	240	352414	20.00	ng	-0.01
86) Perylene-d12	15.57	264	260443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	946186	122.63	ng	0.00
7) Phenol-d6	6.54	99	1111847	116.82	ng	0.00
23) Nitrobenzene-d5	7.47	82	702839	86.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	250221	124.86	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1280582	87.29	ng	-0.01
78) Terphenyl-d14	13.03	244	1186631	76.58	ng	0.00

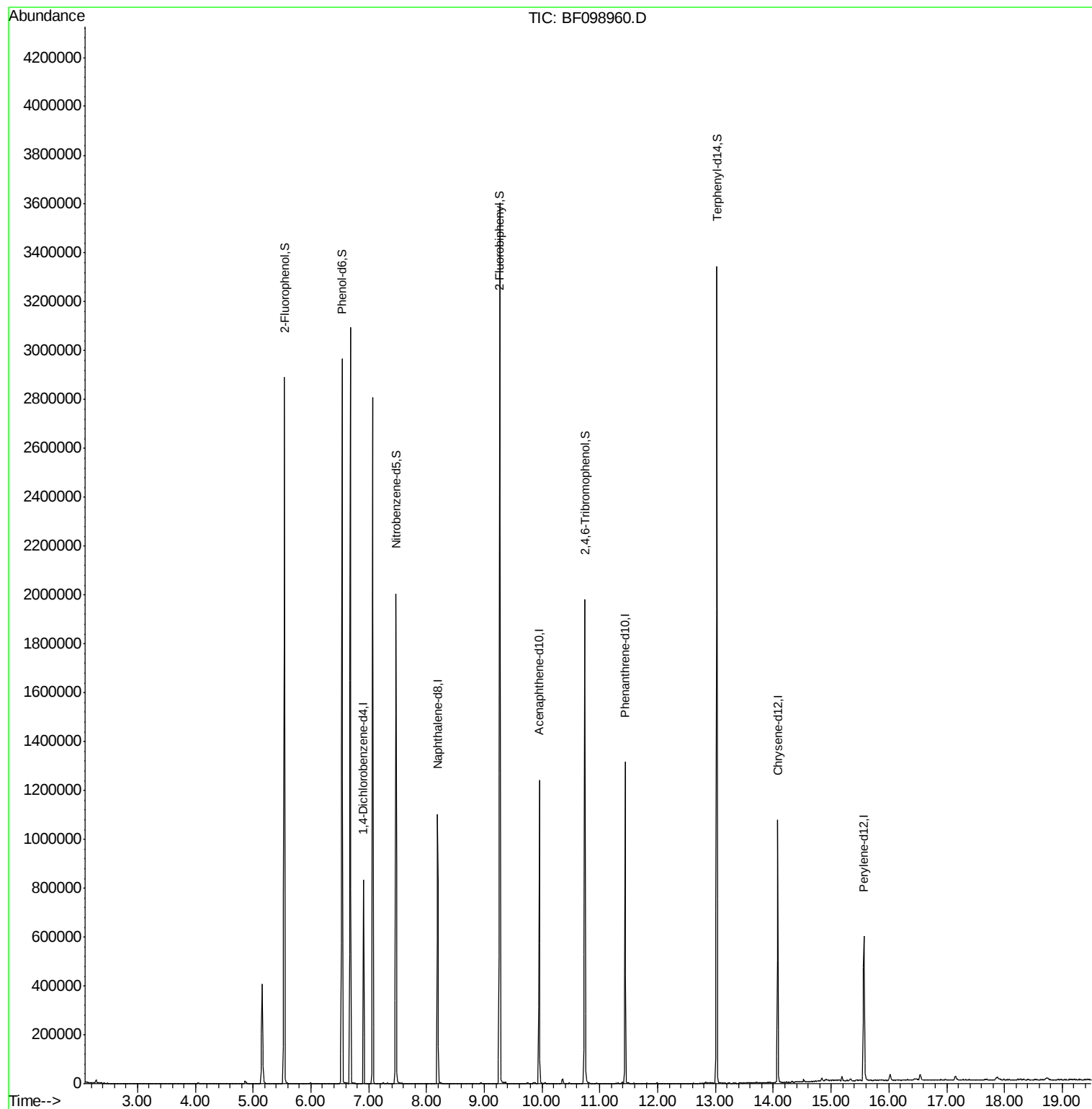
Target Compounds Qvalue

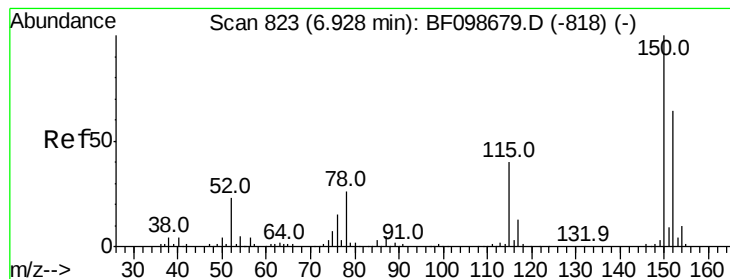
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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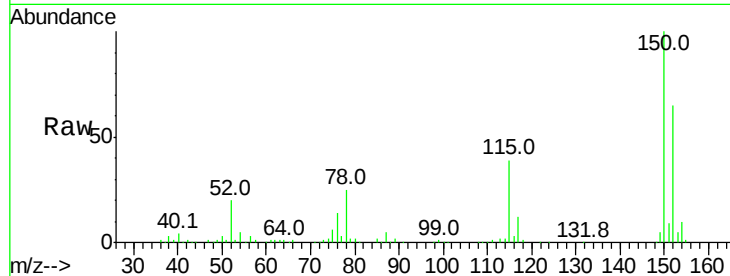


#1

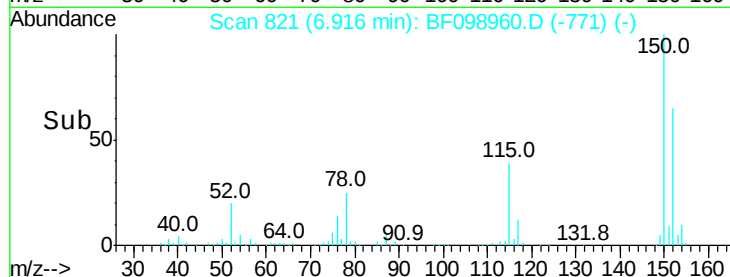
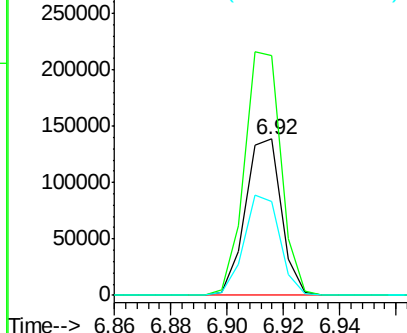
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098960.D
Acq: 30 Sep 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB102773BL

Tot Ion:152 Resp: 122823
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 59.9 50.1 75.1



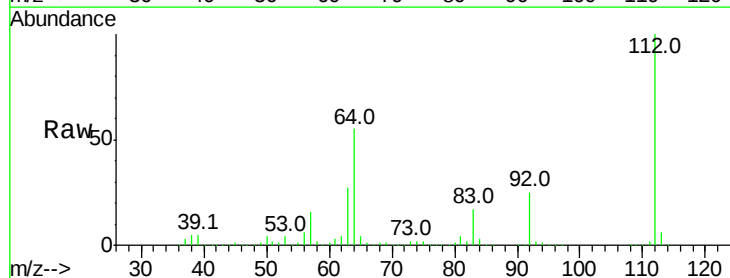
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



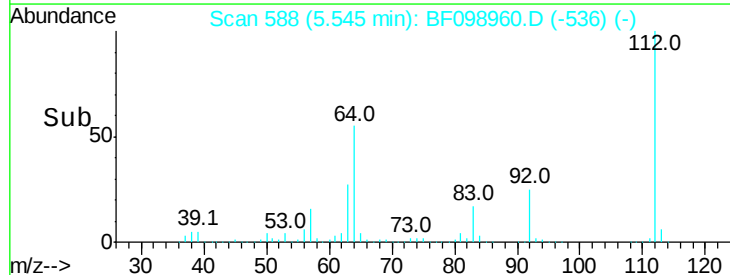
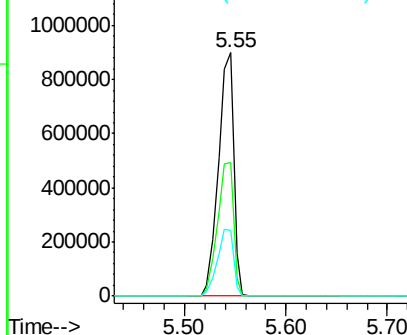
#5

2-Fluorophenol
Concen: 122.635 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098960.D
Acq: 30 Sep 2017 14:04

Tgt Ion:112 Resp: 946186
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.816 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098960.D

Acq: 30 Sep 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB102773BL

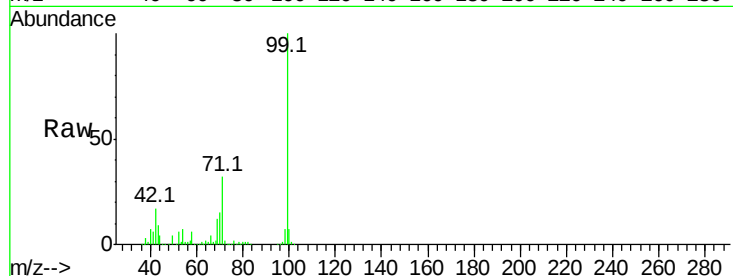
Tot Ion: 99 Resp: 1111847

Ion Ratio Lower Upper

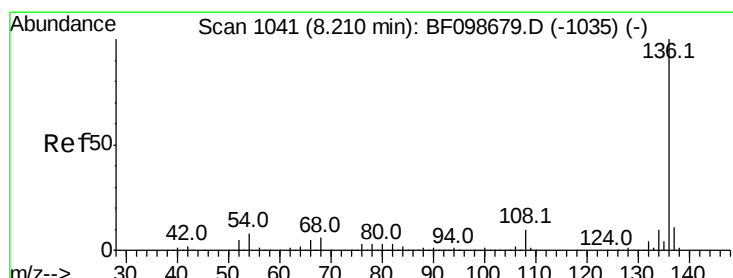
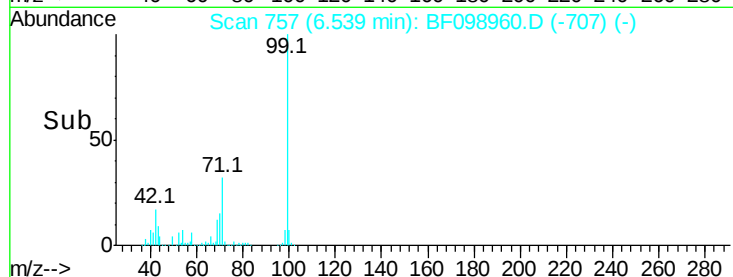
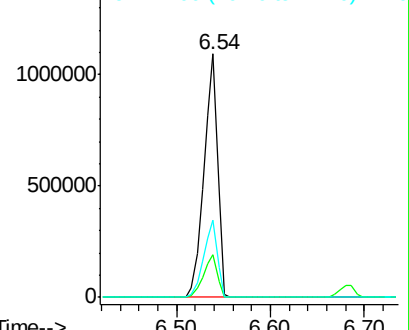
99 100

42 17.3 14.5 21.7

71 31.9 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: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098960.D

Acq: 30 Sep 2017 14:04

Tgt Ion: 136 Resp: 524049

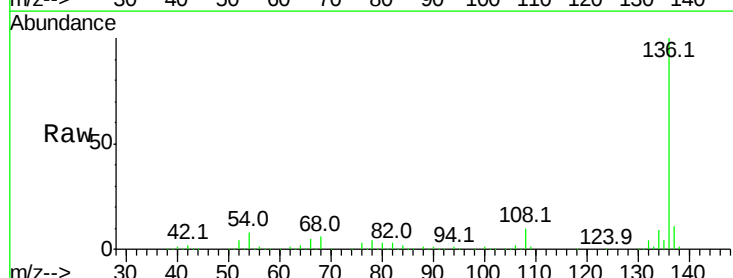
Ion Ratio Lower Upper

136 100

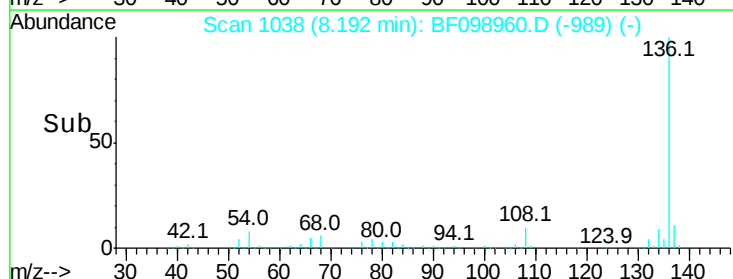
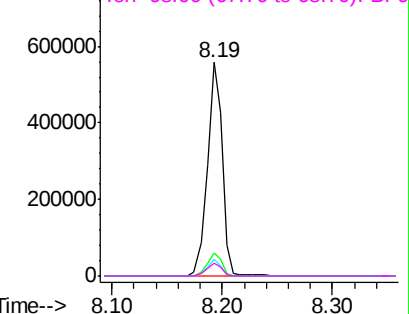
137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 6.0 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

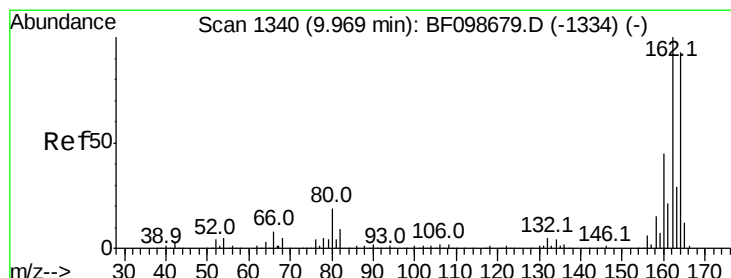
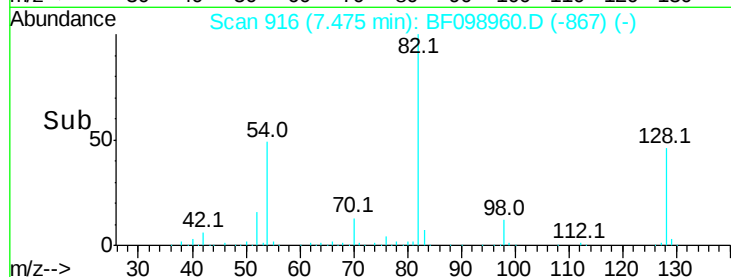
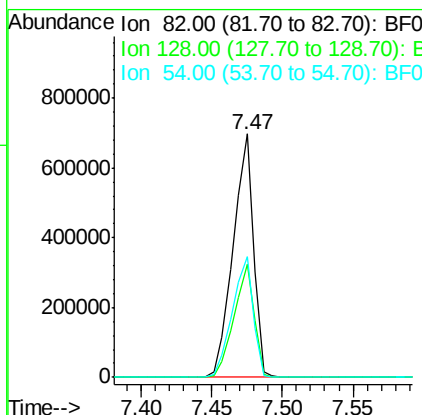
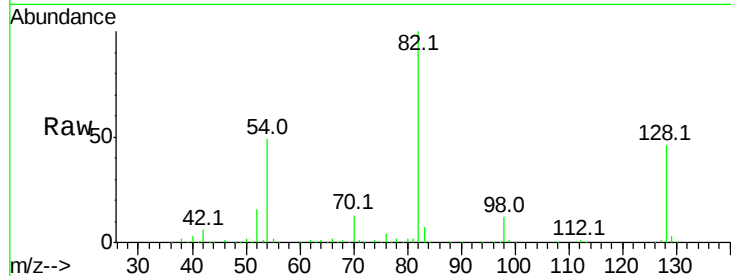




#23
 Nitrobenzene-d5
 Concen: 86.009 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098960.D
 Acq: 30 Sep 2017 14:04

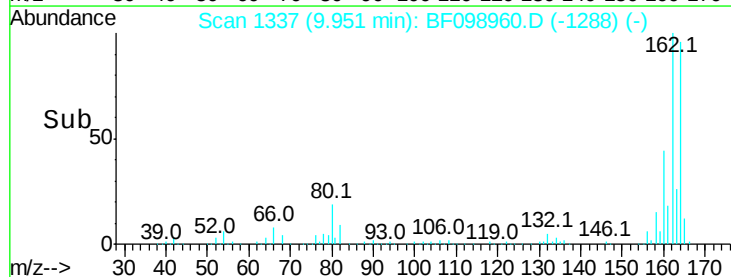
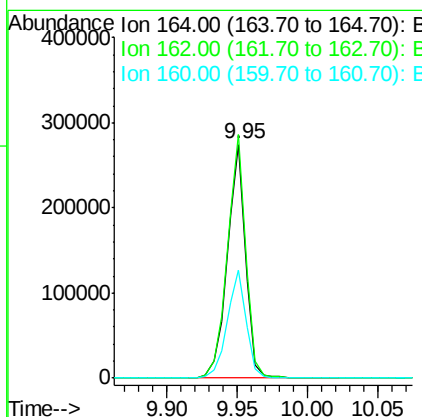
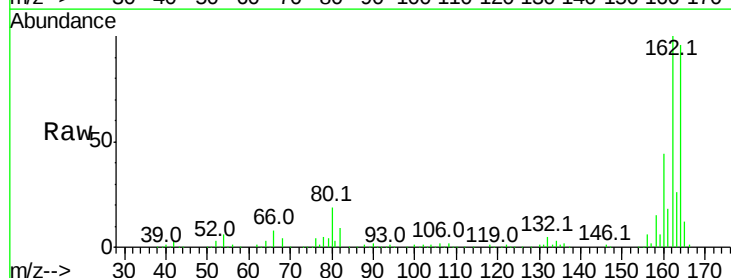
Instrument :
 BNA_F
 ClientSampleID :
 PB102773BL

Tot Ion	82	Resp	702839
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.1	54.1
54	49.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098960.D
 Acq: 30 Sep 2017 14:04

Tgt Ion	164	Resp	244912
Ion Ratio	Lower	Upper	
164	100		
162	104.1	86.1	129.1
160	46.3	38.3	57.5

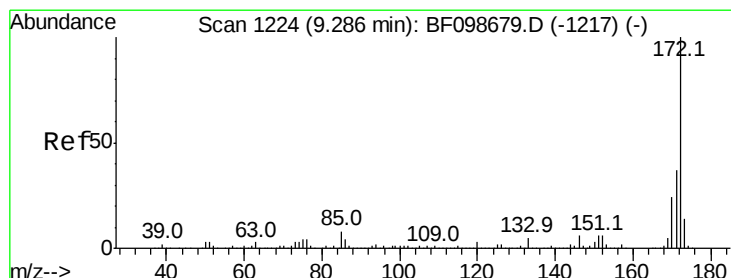
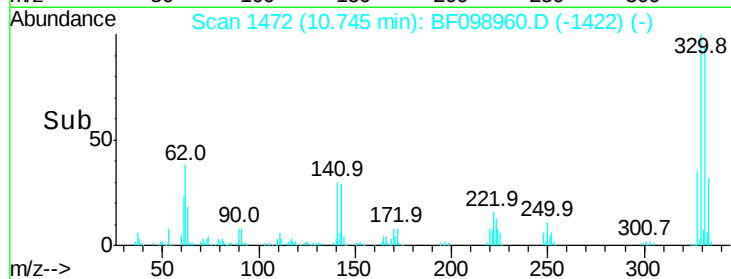
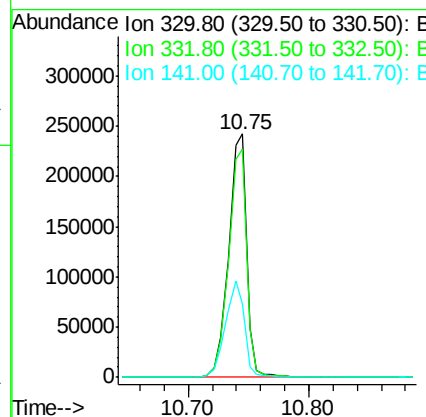
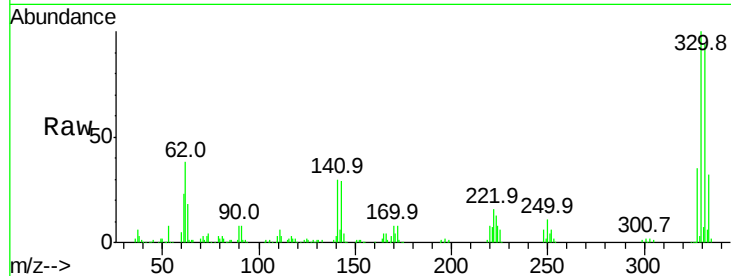




#41
 2,4,6-Tribromophenol
 Concen: 124.858 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098960.D
 Acq: 30 Sep 2017 14:04

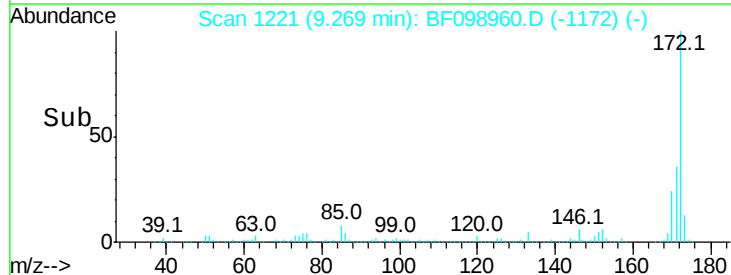
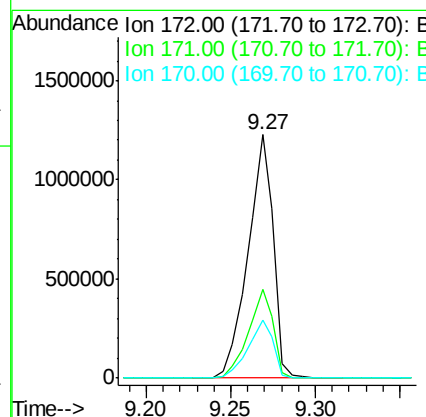
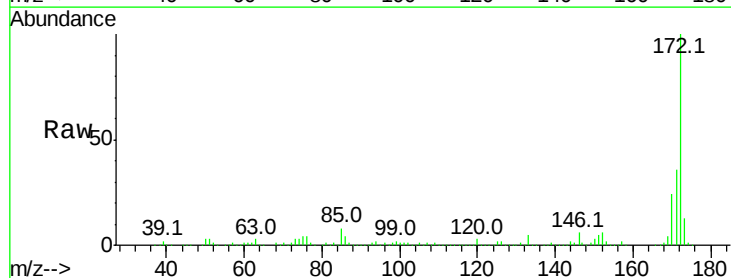
Instrument :
 BNA_F
 ClientSampleId :
 PB102773BL

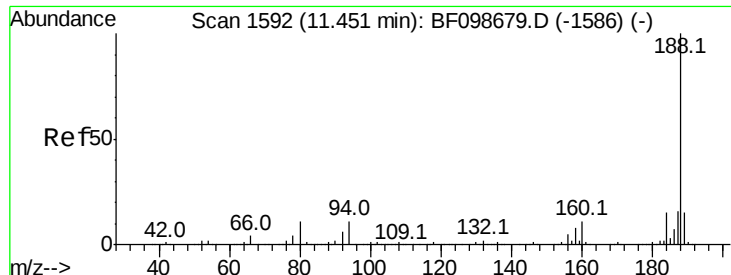
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	41.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.290 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098960.D
 Acq: 30 Sep 2017 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	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: BF098960.D

Acq: 30 Sep 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB102773BL

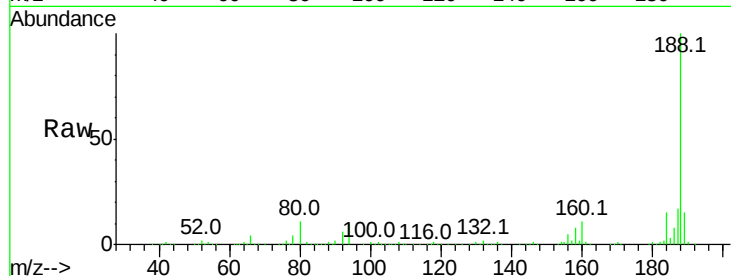
Tot Ion:188 Resp: 447986

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

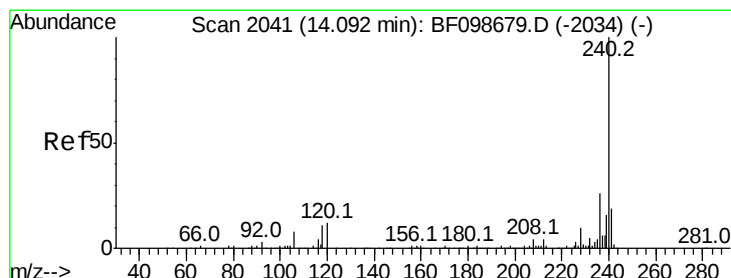
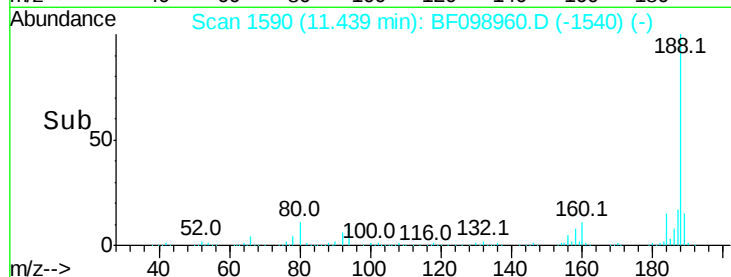
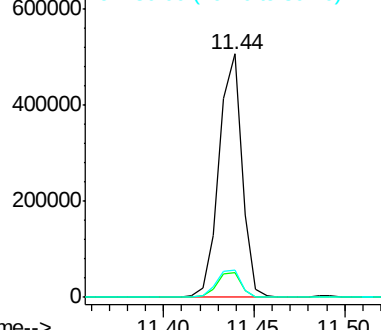
80 11.0 9.2 13.8



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: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098960.D

Acq: 30 Sep 2017 14:04

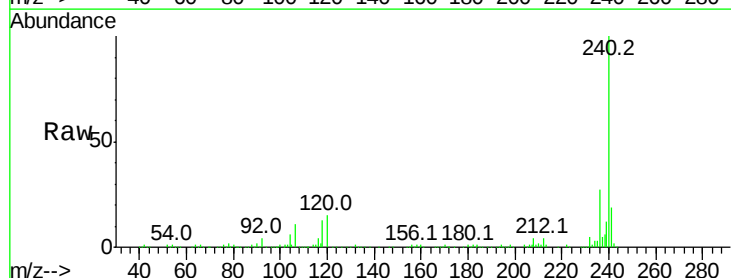
Tgt Ion:240 Resp: 352414

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

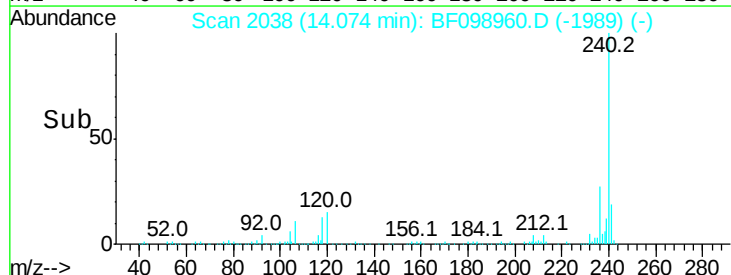
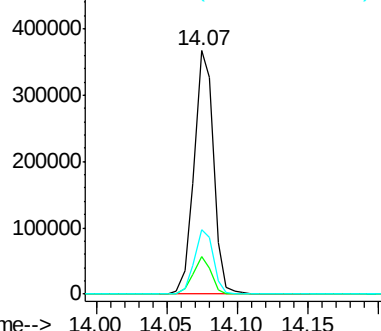
236 26.6 20.7 31.1

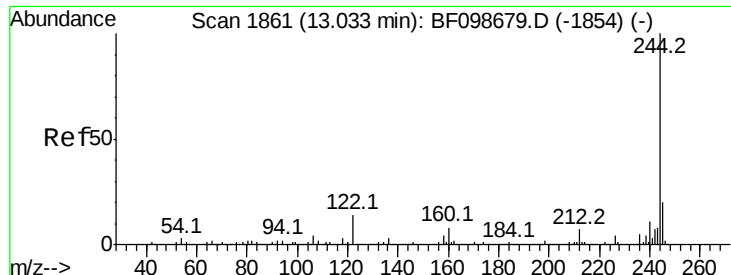


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.576 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098960.D

Acq: 30 Sep 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB102773BL

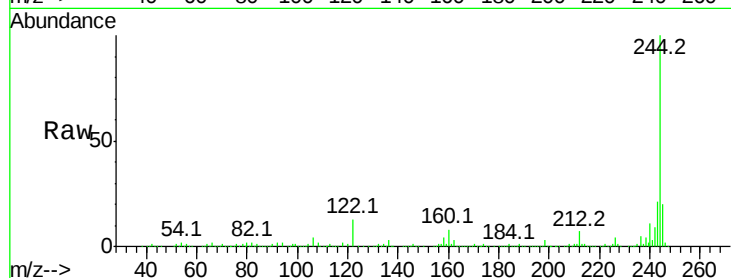
Tot Ion:244 Resp: 1186631

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

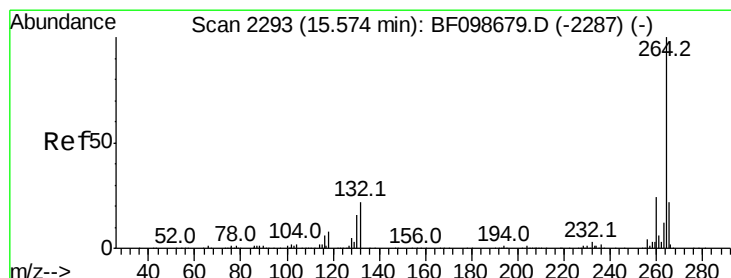
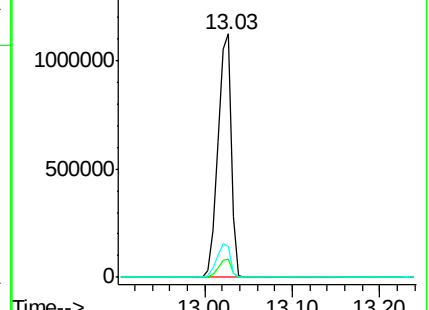
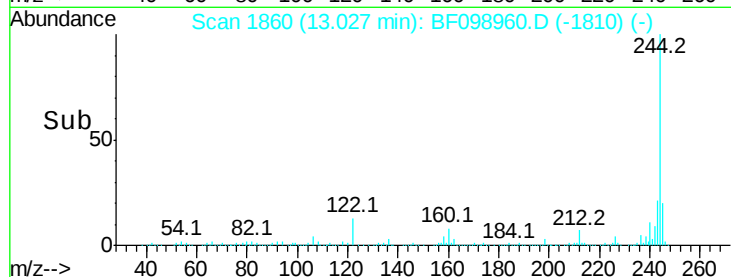
122 12.7 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098960.D

Acq: 30 Sep 2017 14:04

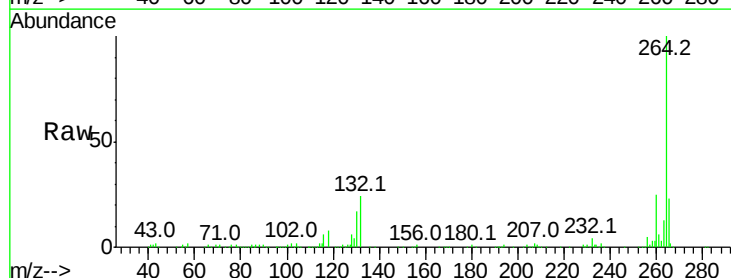
Tgt Ion:264 Resp: 260443

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.6 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

