

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098742.D
 Acq On : 23 Sep 2017 16:41
 Operator : SJ/JU
 Sample : I5335-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-CONCRETE

Manual Integrations
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Quant Time: Sep 25 05:59:47 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	156933	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	651026	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	282380	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	446333	20.00	ng	0.00
75) Chrysene-d12	14.08	240	273012	20.00	ng	0.00
86) Perylene-d12	15.57	264	265043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1003081	101.75	ng	0.00
7) Phenol-d6	6.54	99	1265333	104.05	ng	0.00
23) Nitrobenzene-d5	7.48	82	780375	76.87	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	171931	74.41	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1380199	81.60	ng	0.00
78) Terphenyl-d14	13.03	244	964179	80.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.66	163	113293	5.316	ng	Qvalue 99

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

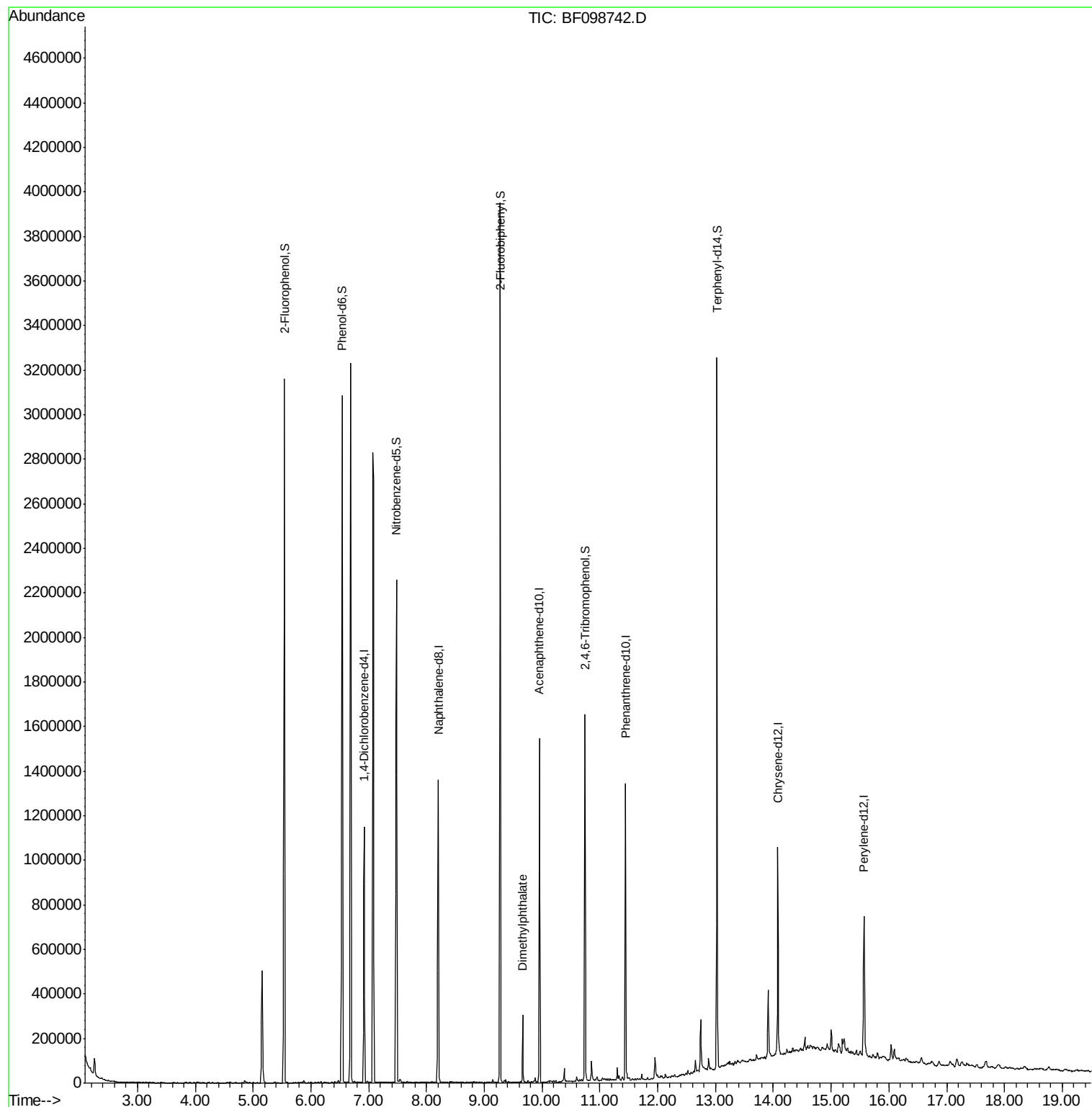
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
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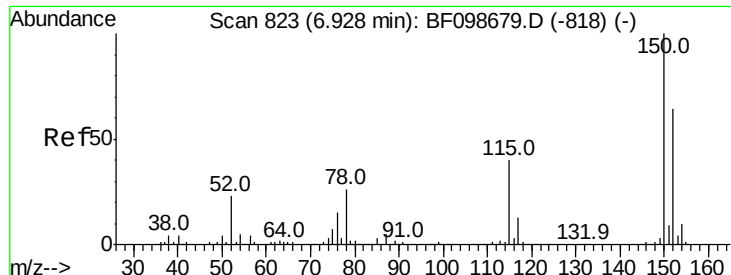
Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

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#1

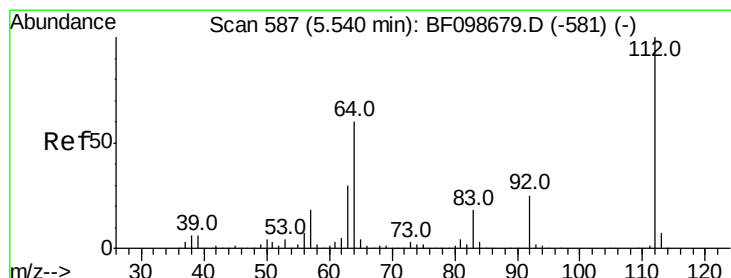
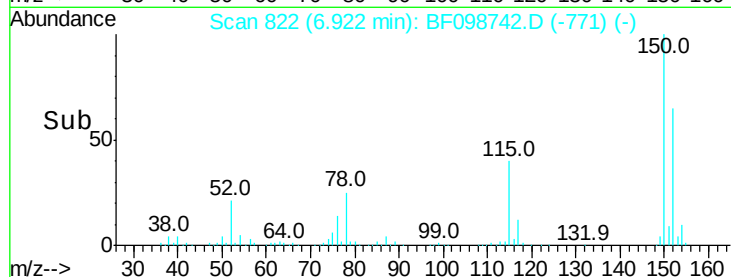
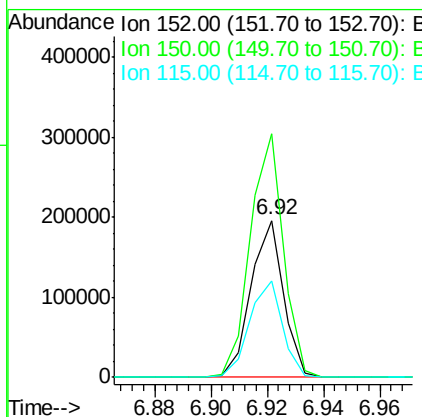
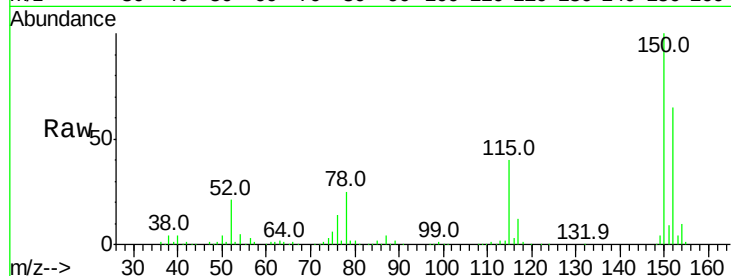
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098742.D
Acq: 23 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	61.7	50.1	75.1

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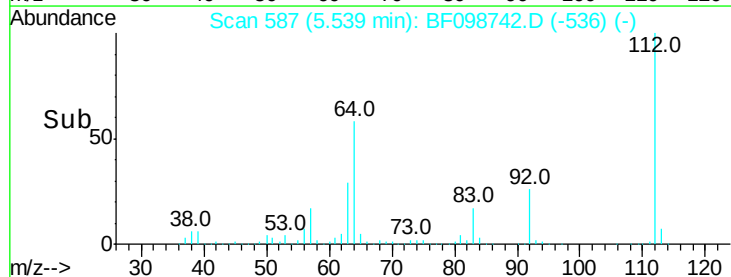
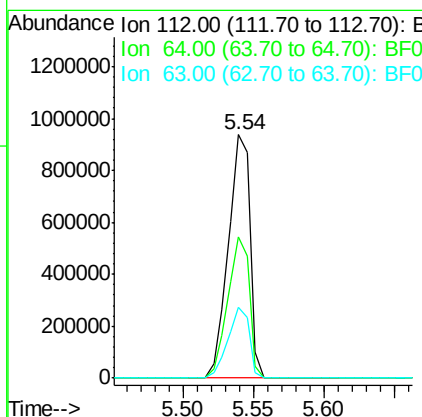
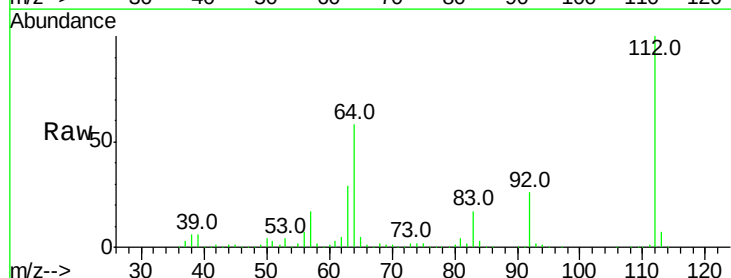
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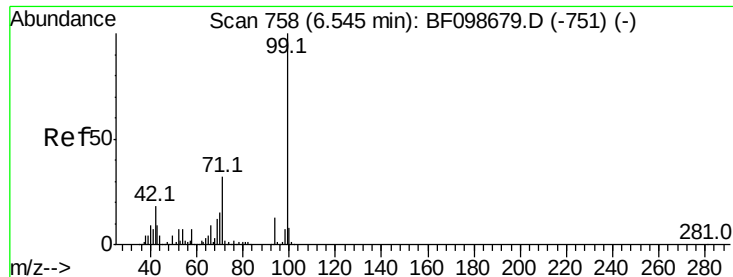


#5

2-Fluorophenol
Concen: 101.751 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098742.D
Acq: 23 Sep 2017 16:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.0	23.7	35.5





#7

Phenol-d6

Concen: 104.047 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098742.D

Acq: 23 Sep 2017 16:41

Instrument :

BNA_F

ClientSampled :

SP-CONCRETE

Tot Ion: 99 Resp: 1265333

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

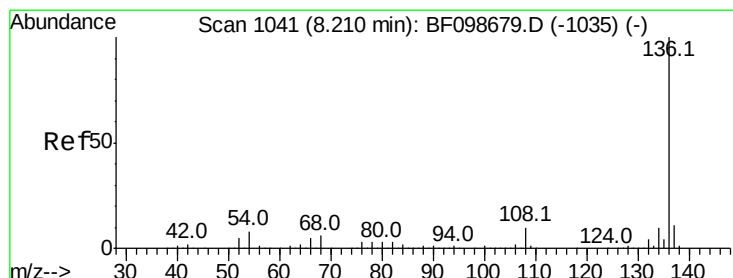
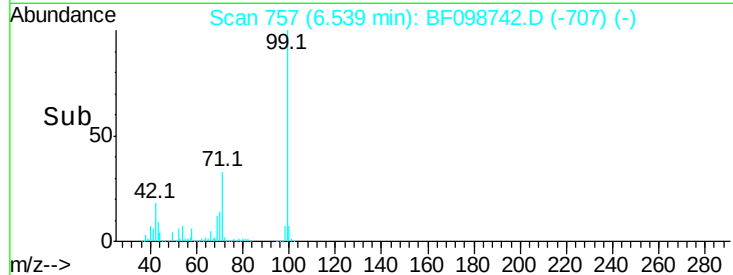
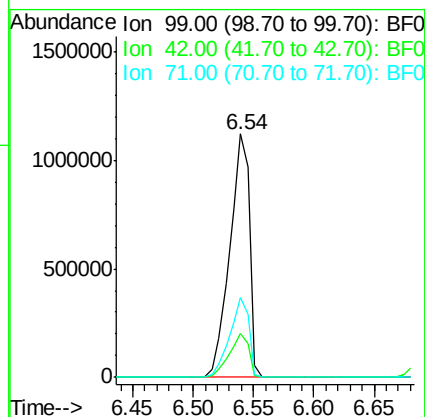
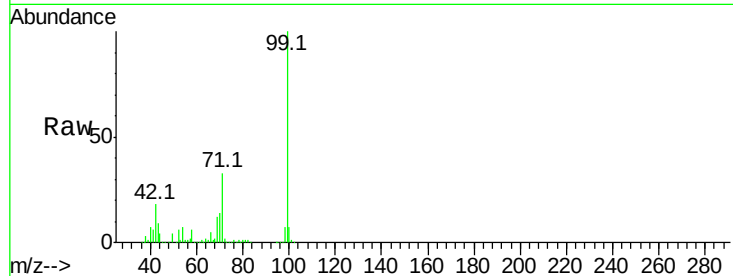
71 32.7 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF098742.D

Acq: 23 Sep 2017 16:41

Tgt Ion: 136 Resp: 651026

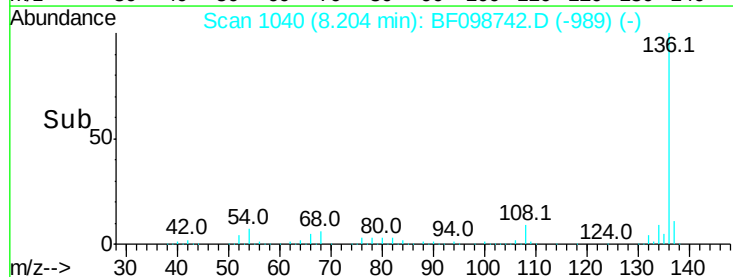
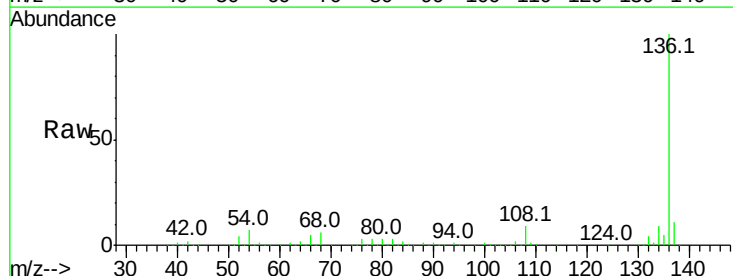
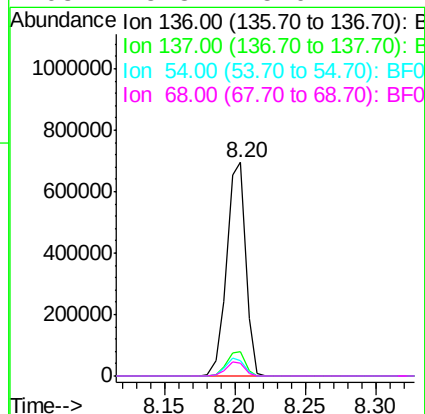
Ion Ratio Lower Upper

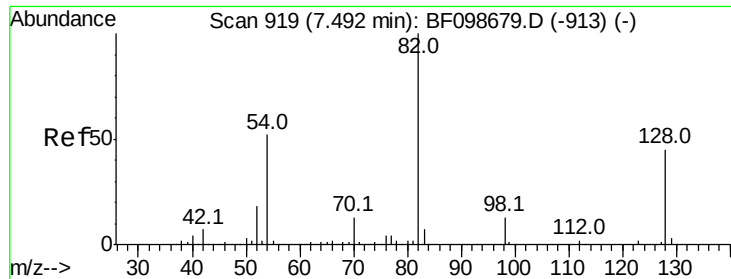
136 100

137 11.1 8.9 13.3

54 7.3 6.6 9.8

68 5.8 5.0 7.4





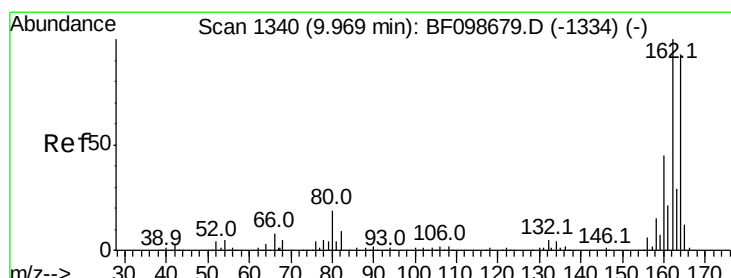
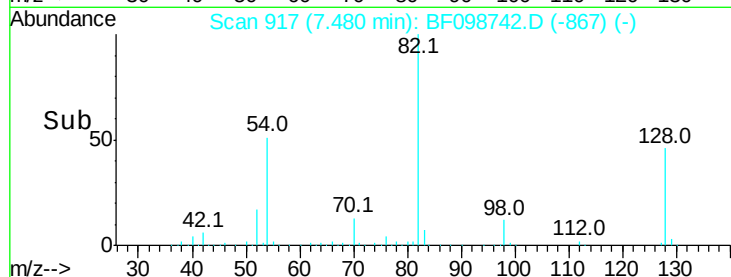
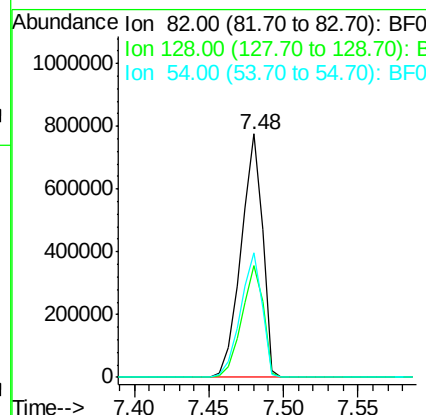
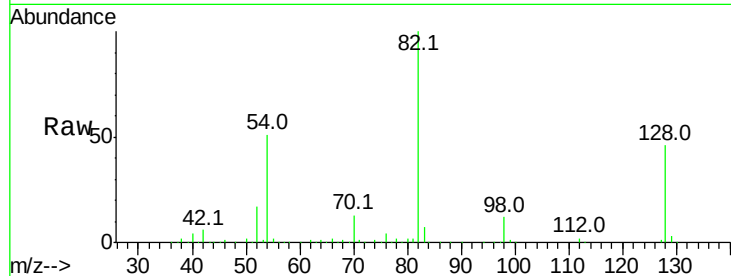
#23
 Nitrobenzene-d5
 Concen: 76.872 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098742.D
 Acq: 23 Sep 2017 16:41

Instrument :
 BNA_F
 ClientSampled :
 SP-CONCRETE

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	51.0	41.4	62.2

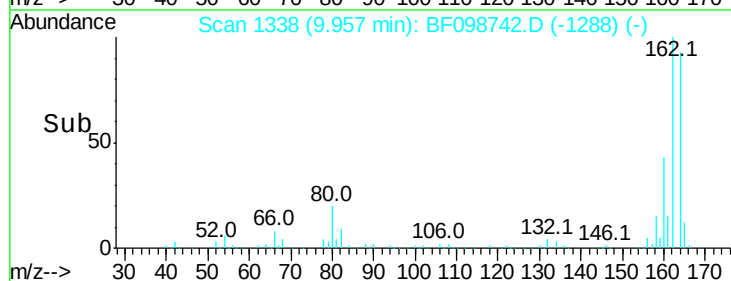
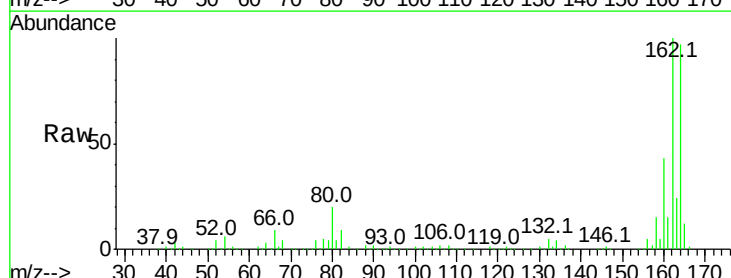
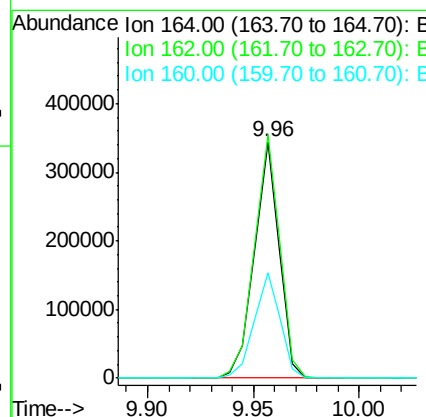
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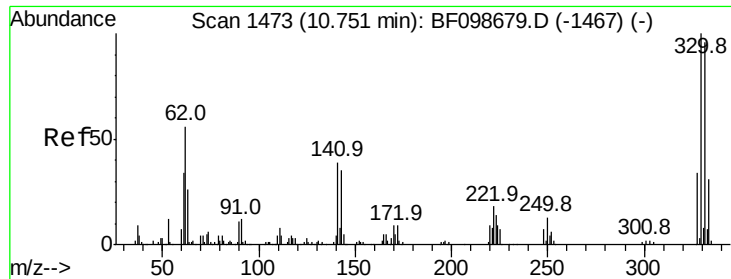
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098742.D
 Acq: 23 Sep 2017 16:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.4	38.3	57.5





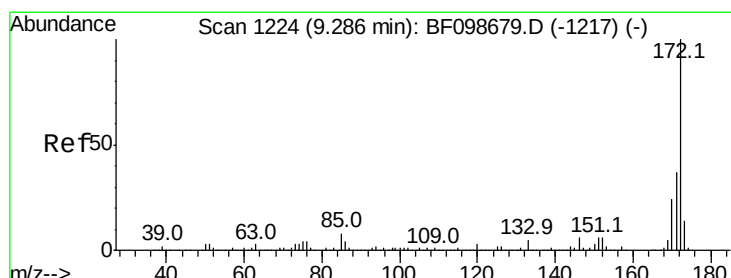
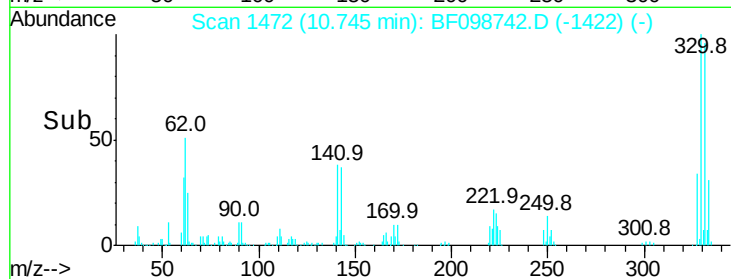
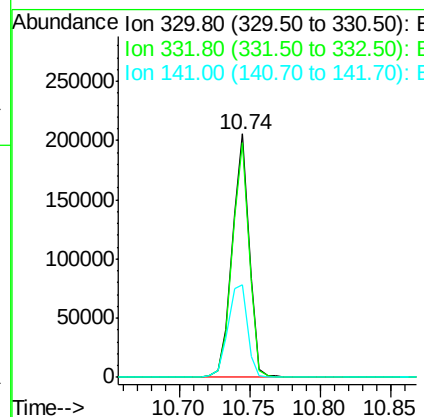
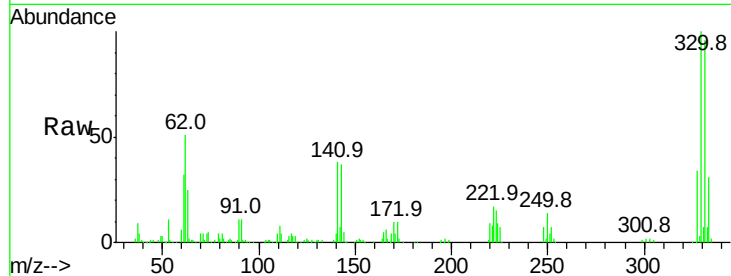
#41
 2,4,6-Tribromophenol
 Concen: 74.409 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098742.D
 Acq: 23 Sep 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-CONCRETE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	171931		
332	96.1	77.0	115.6	
141	44.0	29.9	44.9	

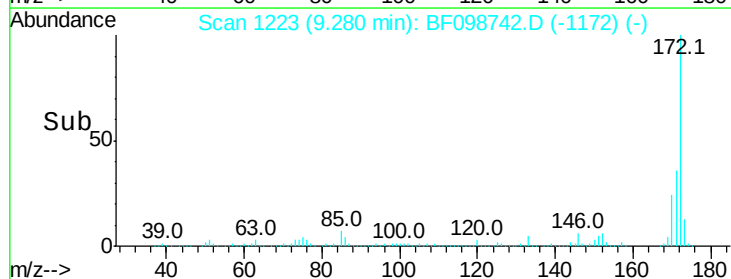
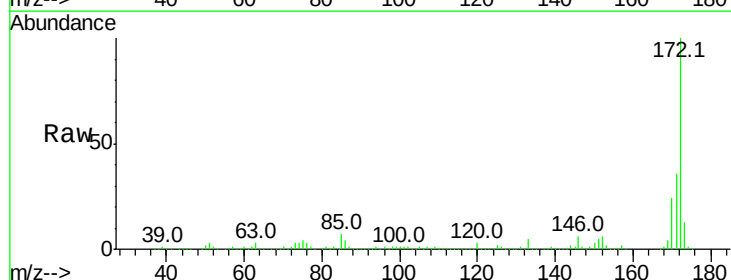
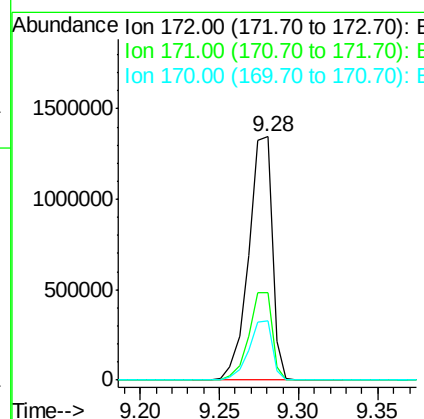
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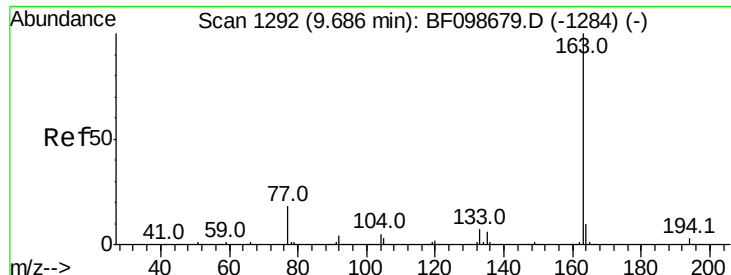
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#44
 2-Fluorobiphenyl
 Concen: 81.597 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF098742.D
 Acq: 23 Sep 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1380199		
171	36.1	29.7	44.5	
170	24.4	19.6	29.4	





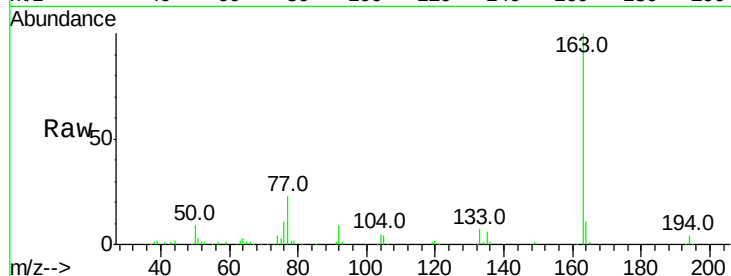
#49
 Dimethylphthalate
 Concen: 5.316 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF098742.D
 Acq: 23 Sep 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-CONCRETE

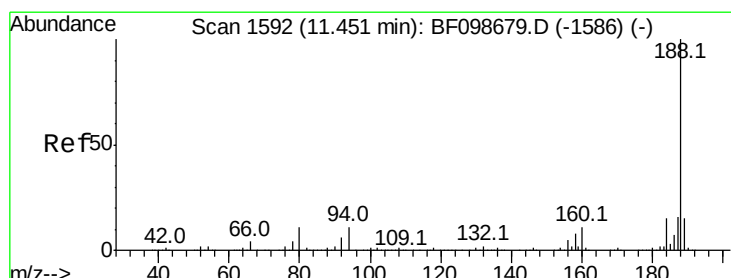
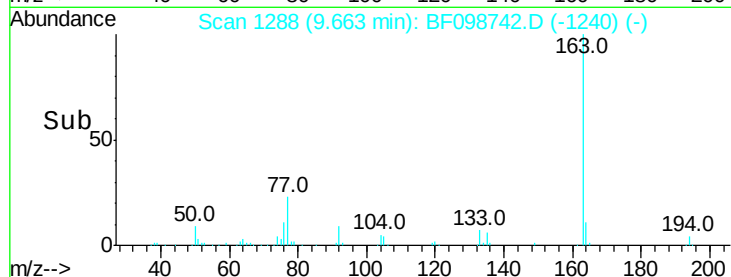
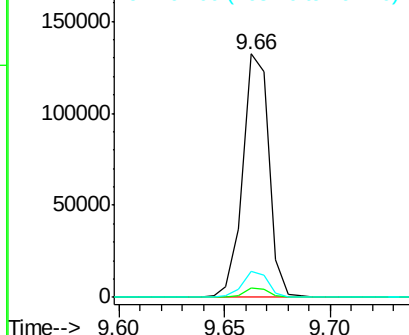
Tot Ion:	163	Resp:	113293
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.6	8.2	12.2

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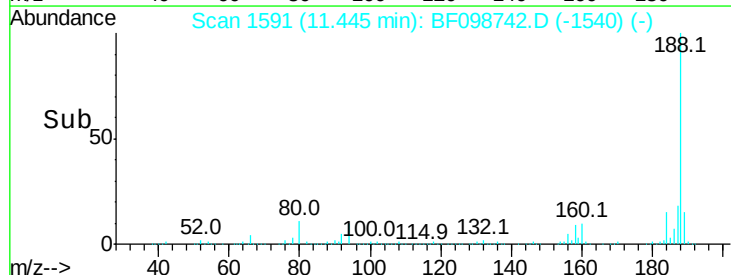
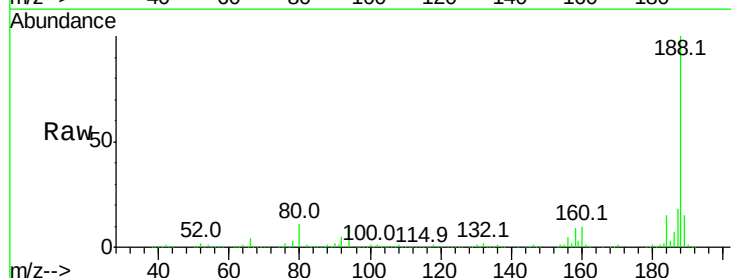
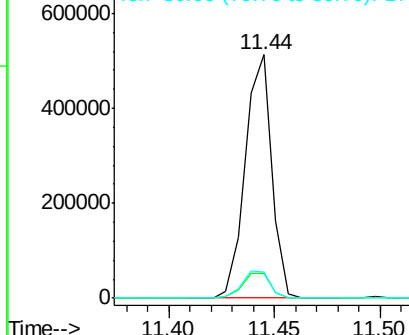
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

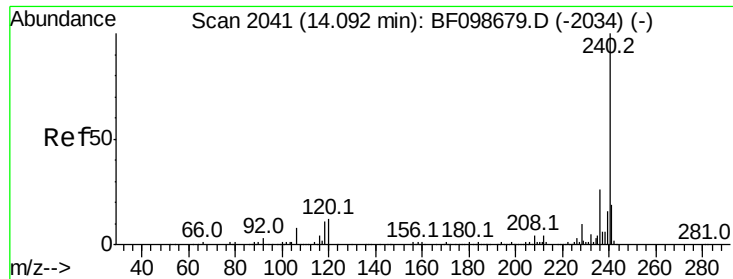


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098742.D
 Acq: 23 Sep 2017 16:41

Tgt Ion:	188	Resp:	446333
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.5	12.7
80	10.8	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: BF098742.D

Acq: 23 Sep 2017 16:41

Instrument :

BNA_F

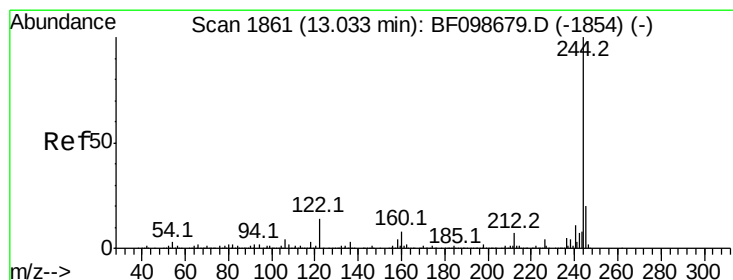
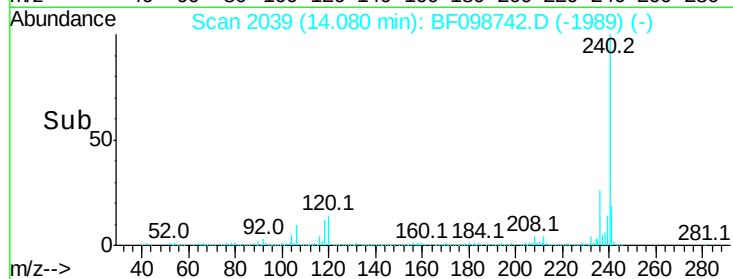
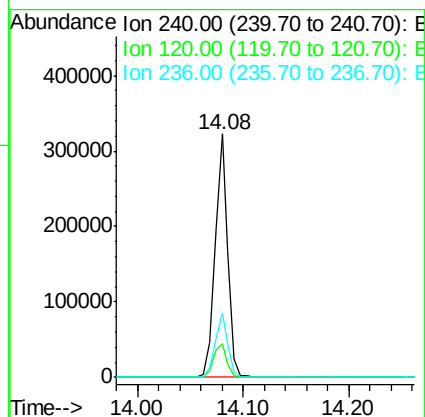
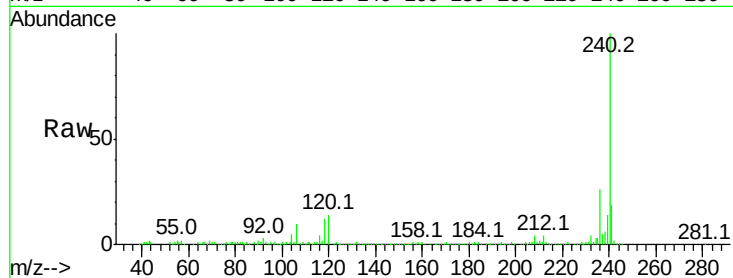
ClientSampleId :

SP-CONCRETE

Tot Ion	Ratio	Resp	Lower	Upper
240	100	273012		
120	14.0	9.5	14.3	
236	26.3	20.7	31.1	

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#78

Terphenyl-d14

Concen: 80.317 ng

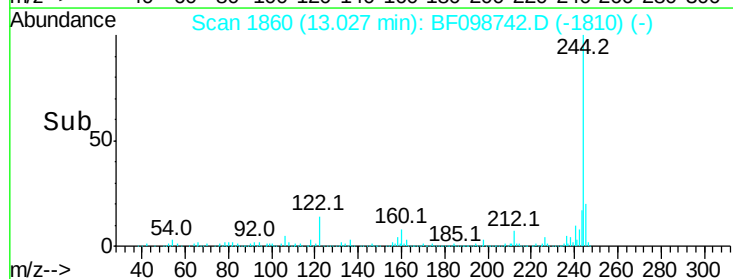
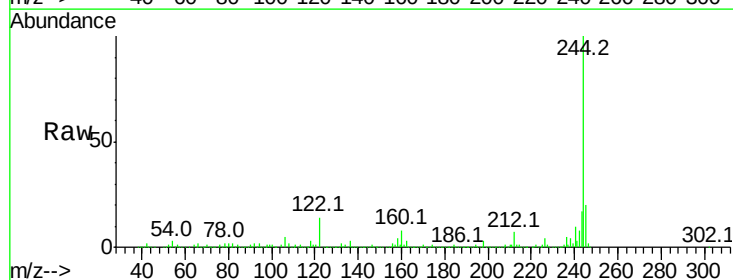
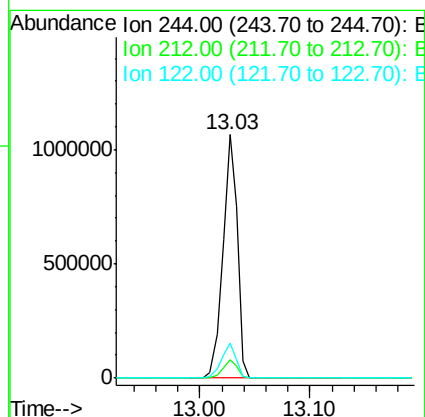
RT: 13.03 min Scan# 1860

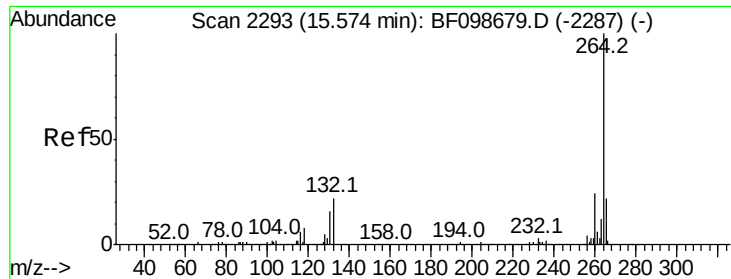
Delta R.T. -0.01 min

Lab File: BF098742.D

Acq: 23 Sep 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	964179		
212	7.3	5.4	8.0	
122	14.5	11.0	16.4	





#86
Pervlone-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098742.D
Acq: 23 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

Tot Ion	Ratio	Resp	Lower	Upper
264	100	265043		
260	23.9		19.2	28.8
265	21.5		17.5	26.3

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