

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098740.D
 Acq On : 23 Sep 2017 15:44
 Operator : SJ/JU
 Sample : PB102553BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BL

Manual Integrations
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Quant Time: Sep 25 05:29:08 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	145375	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	622082	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	295811	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	552433	20.00	ng	0.00
75) Chrysene-d12	14.08	240	384263	20.00	ng	0.00
86) Perylene-d12	15.57	264	258845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1199597	131.36	ng	0.01
7) Phenol-d6	6.55	99	1435000	127.38	ng	0.00
23) Nitrobenzene-d5	7.48	82	891742	91.93	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	283930	117.30	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1659928	93.68	ng	0.00
78) Terphenyl-d14	13.03	244	1484563	87.86	ng	0.00

Target Compounds Qvalue

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

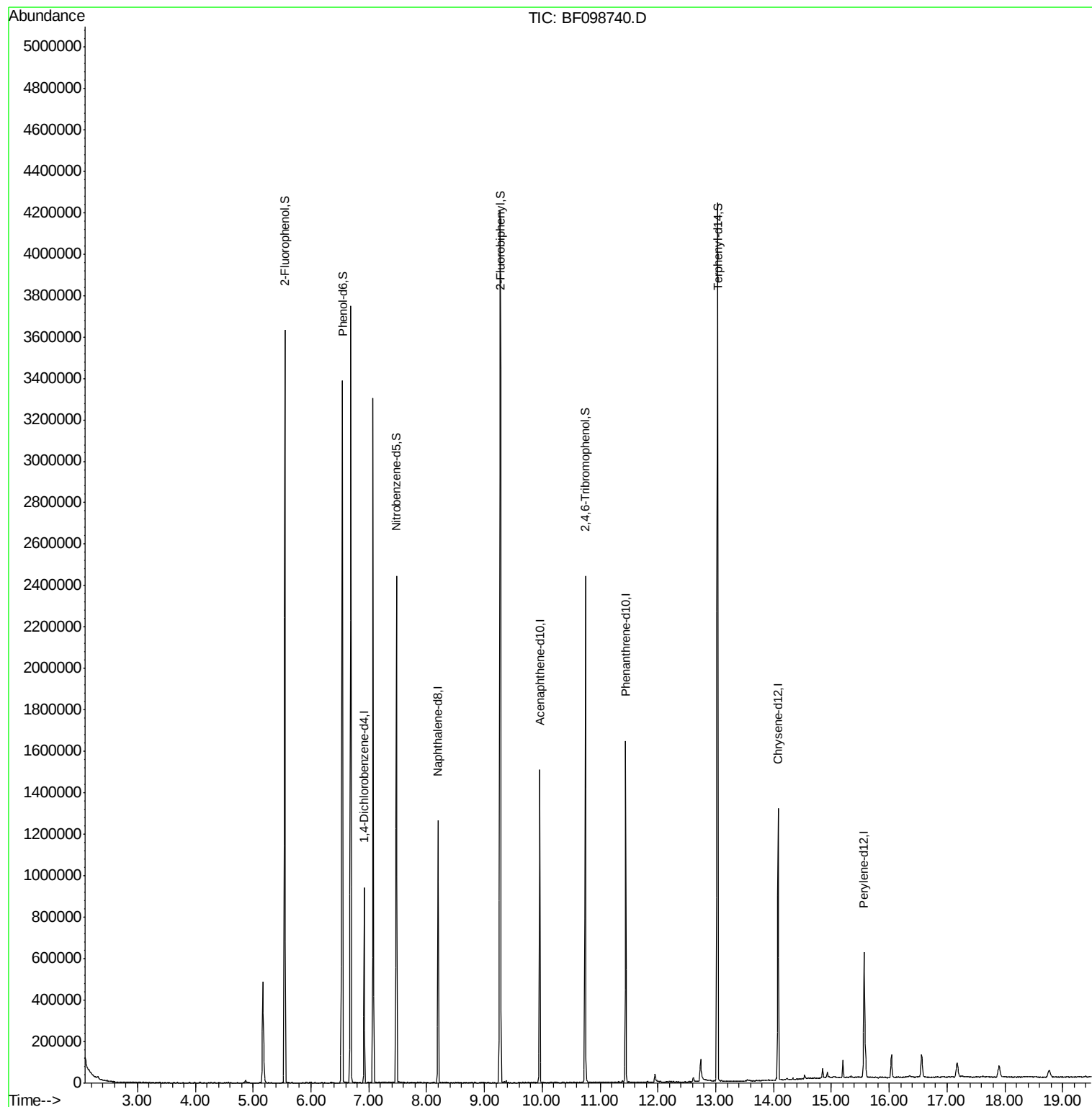
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
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ALS Vial : 4 Sample Multiplier: 1

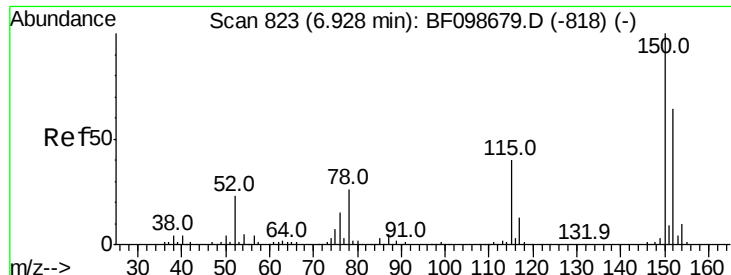
Instrument :
BNA_F
ClientSampleId :
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#1

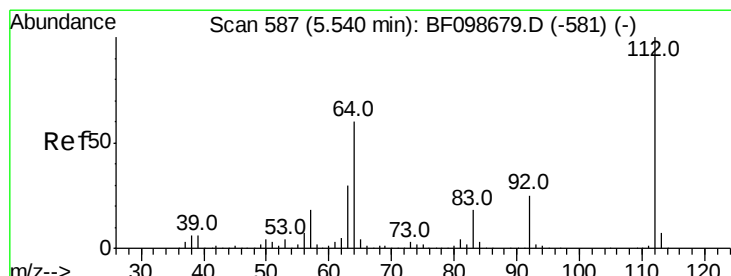
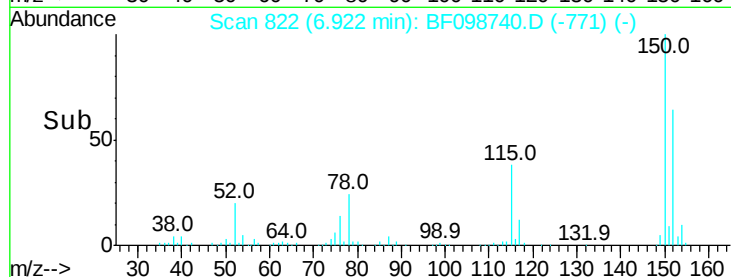
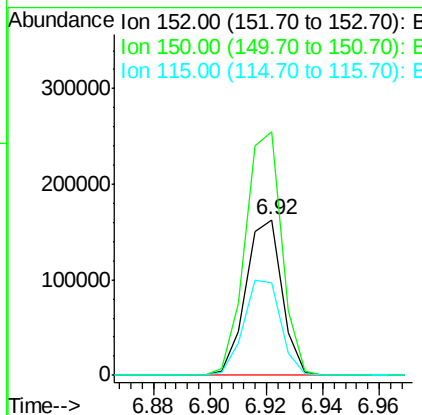
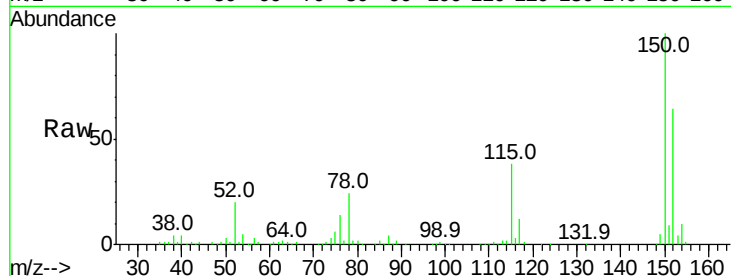
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB102553BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	59.0	50.1	75.1

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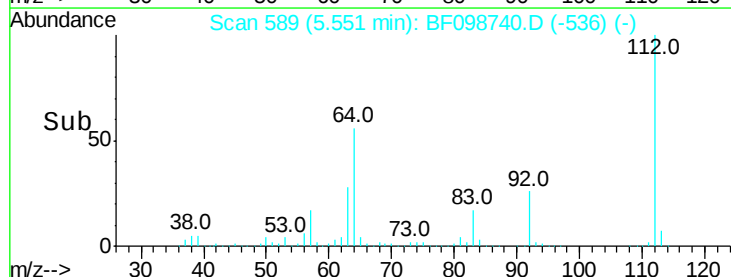
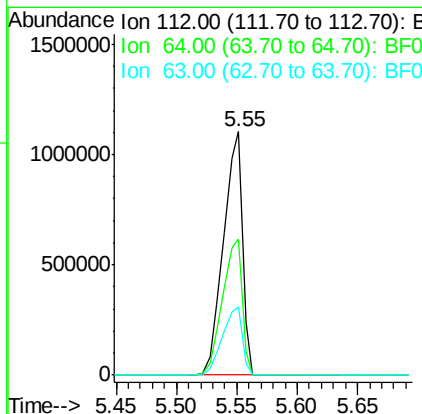
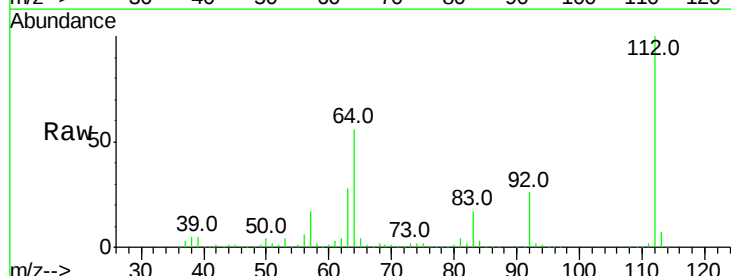
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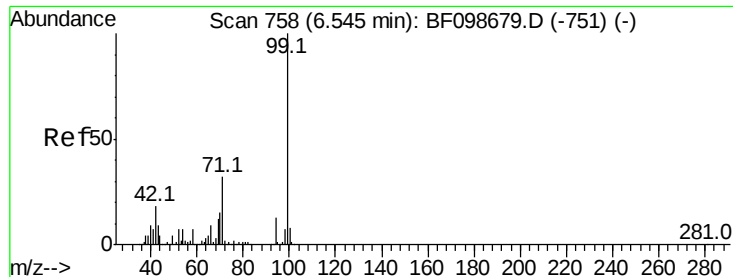


#5

2-Fluorophenol
Concen: 131.360 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	27.9	23.7	35.5





#7

Phenol-d6

Concen: 127.379 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB102553BL

Tot Ion: 99 Resp: 1435000

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

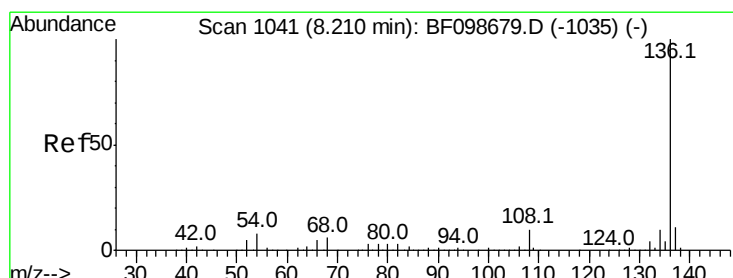
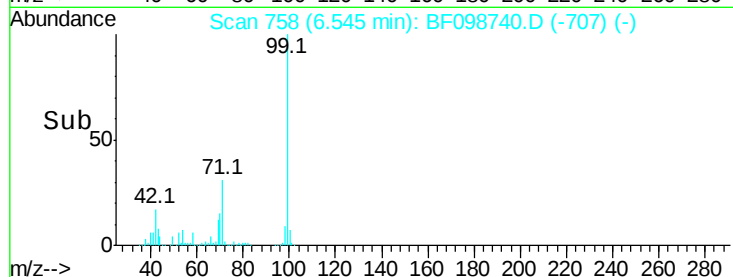
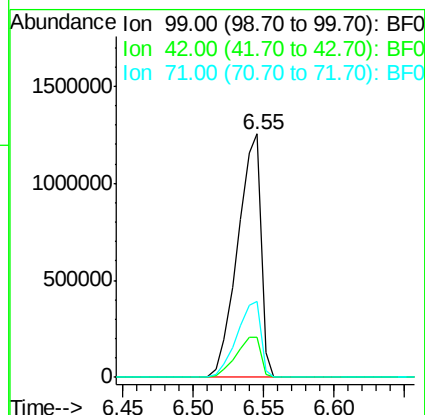
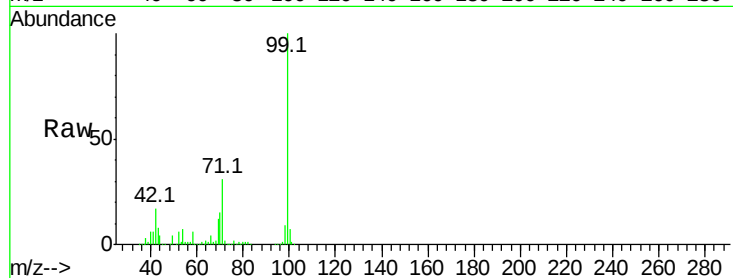
71 31.1 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Tgt Ion: 136 Resp: 622082

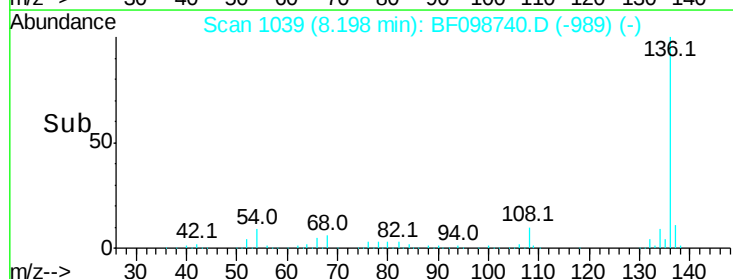
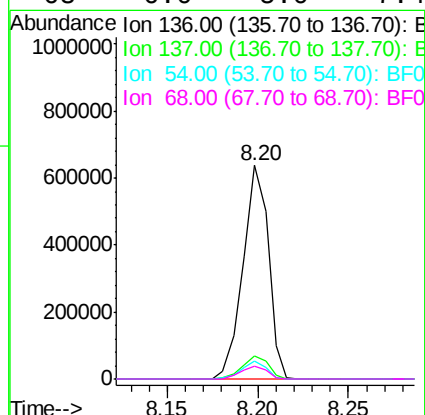
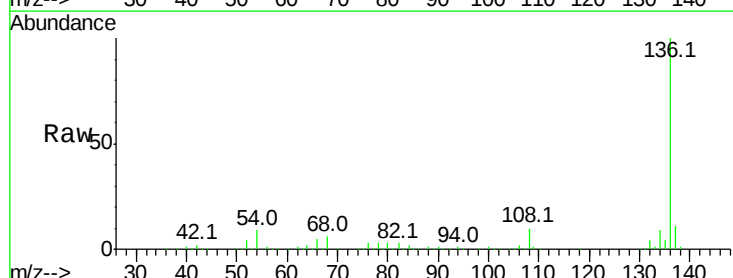
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.5 6.6 9.8

68 6.0 5.0 7.4





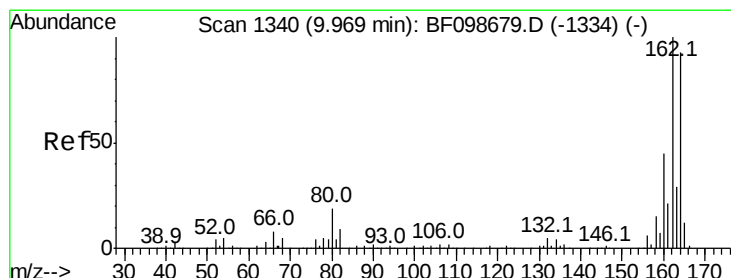
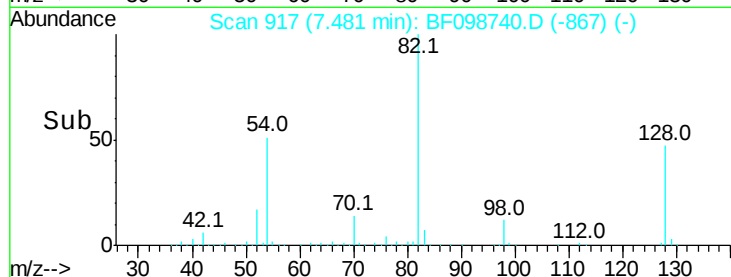
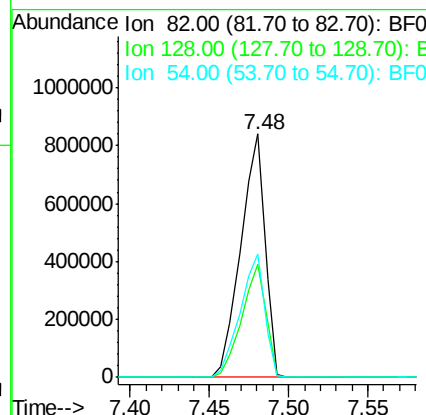
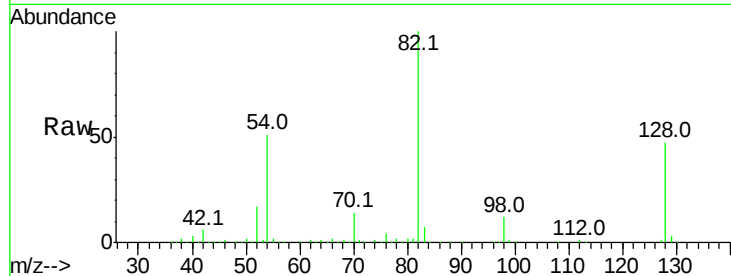
#23
 Nitrobenzene-d5
 Concen: 91.929 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	50.6	41.4	62.2

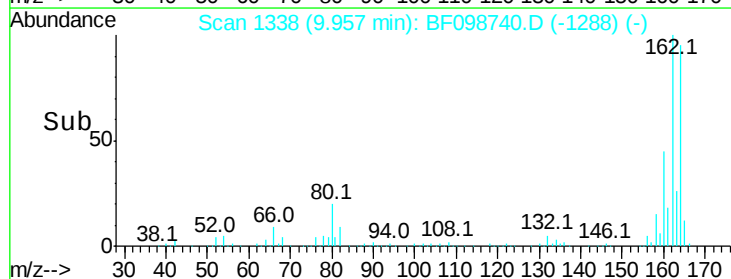
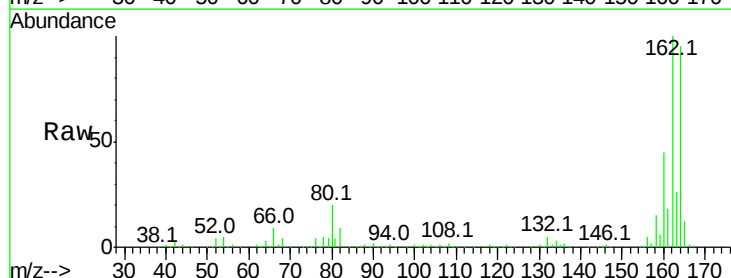
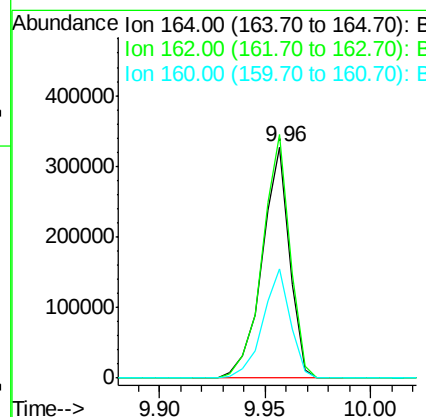
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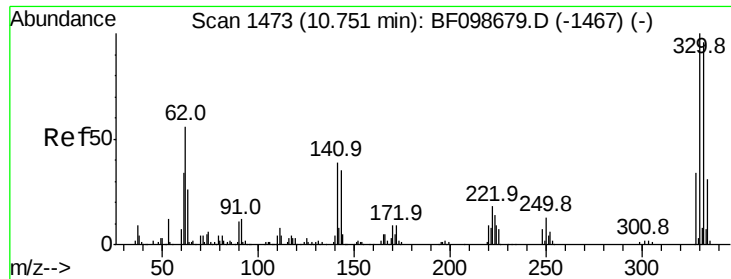
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	47.5	38.3	57.5





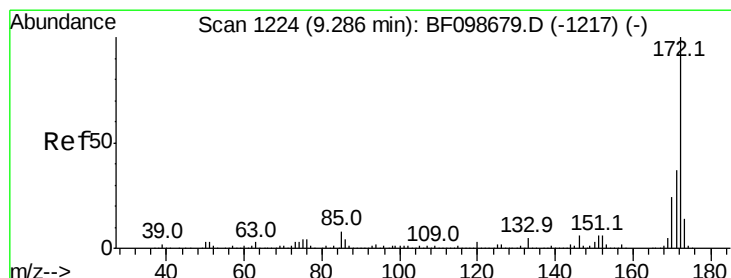
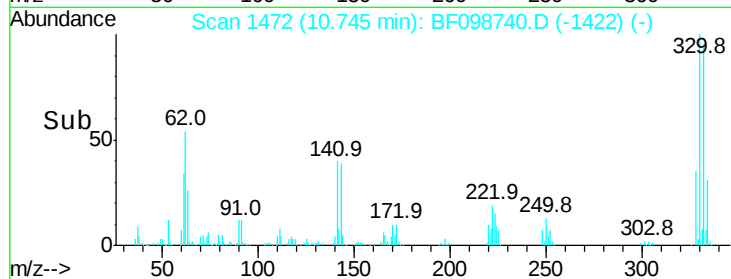
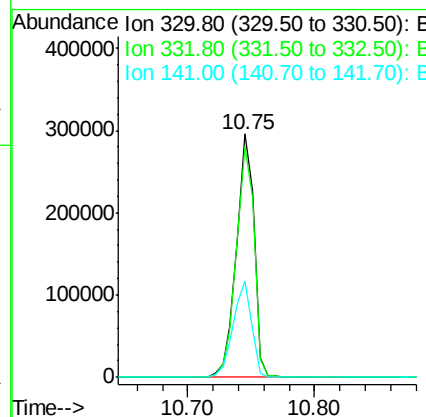
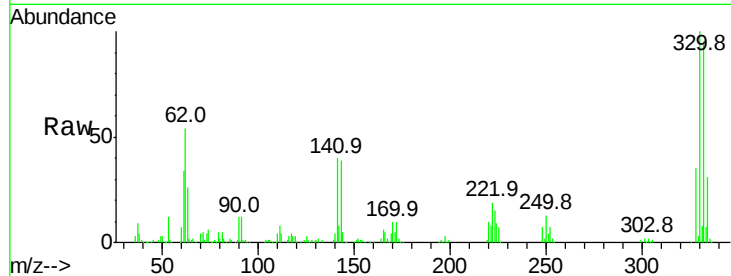
#41
 2,4,6-Tribromophenol
 Concen: 117.300 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	41.5	29.9	44.9	

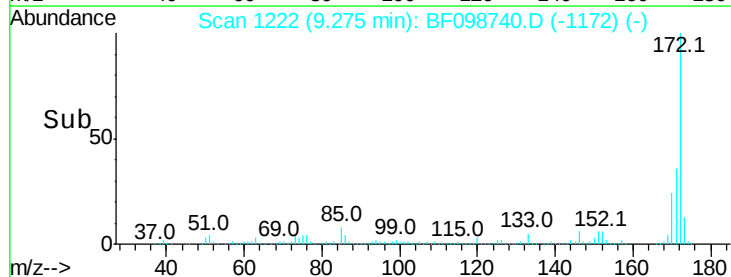
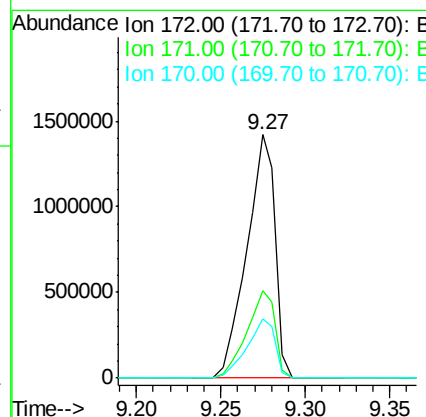
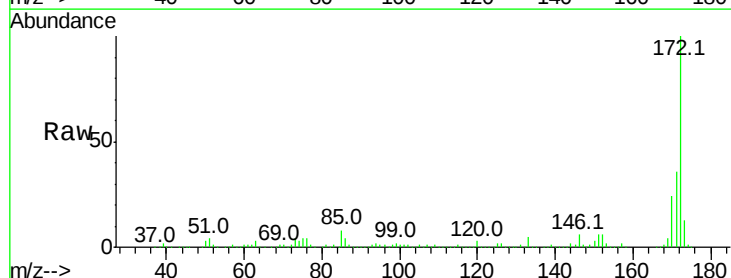
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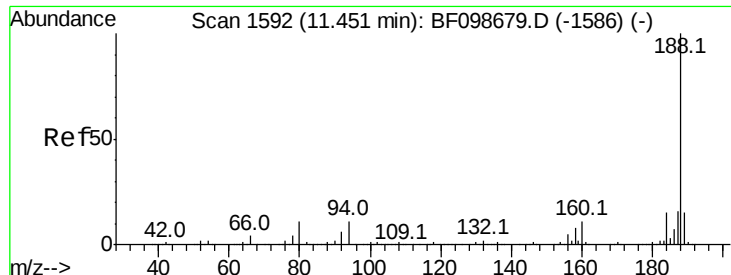
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#44
 2-Fluorobiphenyl
 Concen: 93.678 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	24.4	19.6	29.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

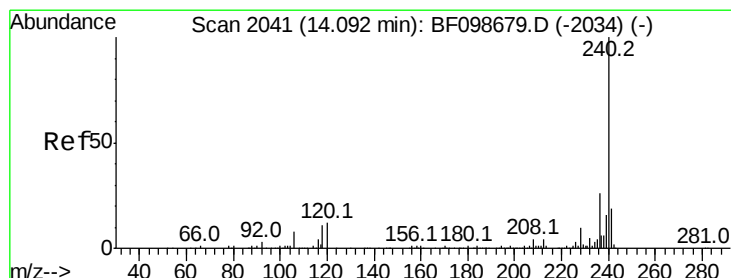
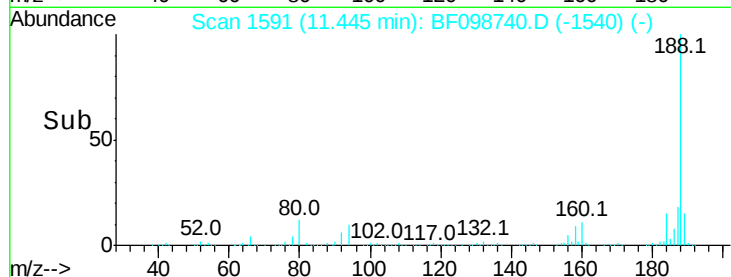
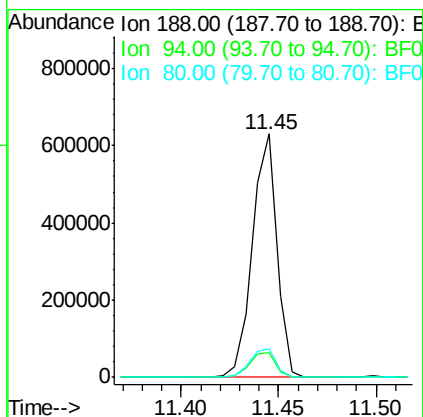
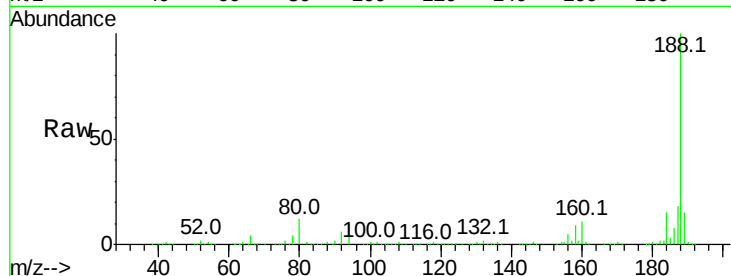
ClientSampleId :

PB102553BL

Tot Ion:188	Resp: 552433
Ion Ratio	Lower Upper
188 100	
94 10.0	8.5 12.7
80 11.6	9.2 13.8

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#75

Chrysene-d12

Concen: 20.000 ng

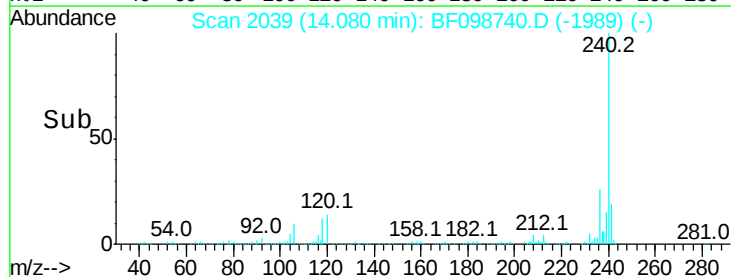
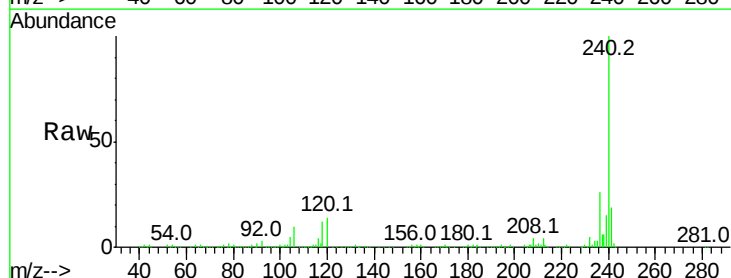
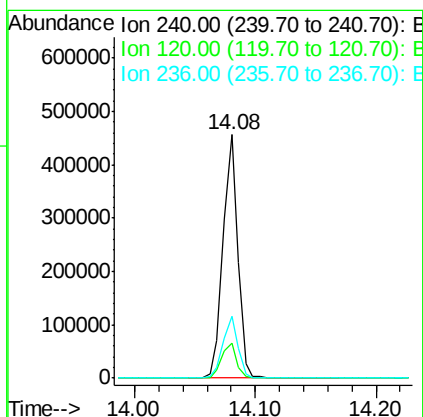
RT: 14.08 min Scan# 2039

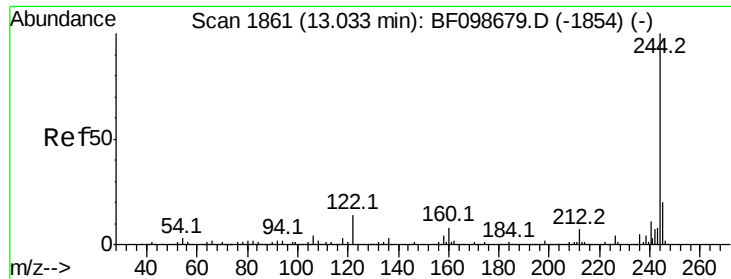
Delta R.T. -0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Tgt Ion:240	Resp: 384263
Ion Ratio	Lower Upper
240 100	
120 14.2	9.5 14.3
236 25.6	20.7 31.1





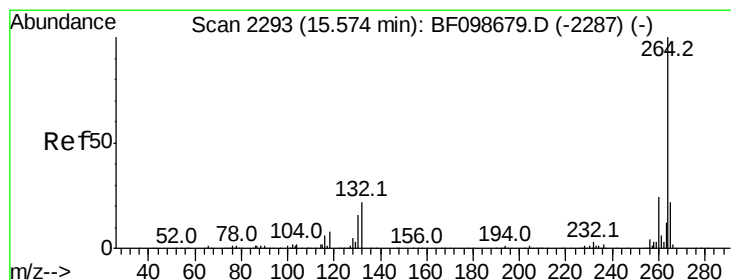
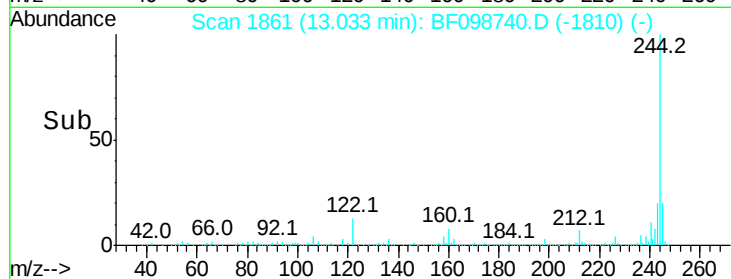
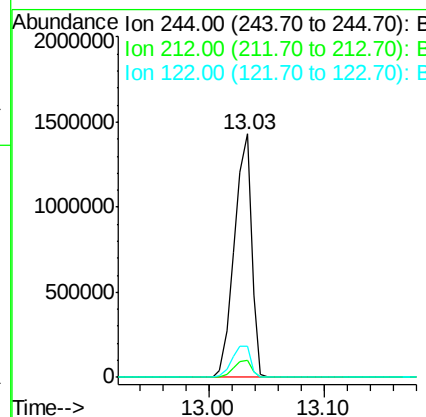
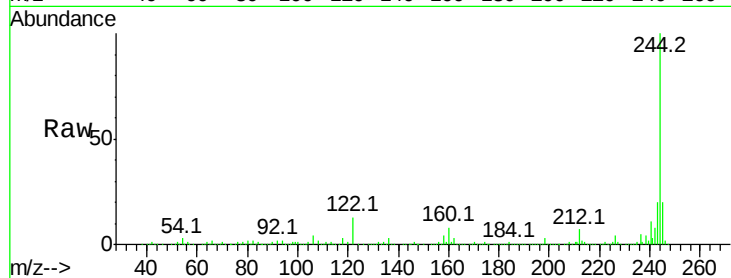
#78
 Terphenyl-d14
 Concen: 87.862 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

Instrument :
 BNA_F
 ClientSampled :
 PB102553BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.8	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3

