

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098788.D
 Acq On : 25 Sep 2017 17:45
 Operator : SJ/JU
 Sample : PB102601BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102601BL

Manual Integrations
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Sohil
 9/26/2017 4:58:34 PM

Quant Time: Sep 26 06:54:25 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	137563	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	575979	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	265209	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	477636	20.00	ng	0.00
75) Chrysene-d12	14.08	240	390918	20.00	ng	0.00
86) Perylene-d12	15.57	264	314719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1214808	140.58	ng	0.00
7) Phenol-d6	6.54	99	1473796	138.25	ng	0.00
23) Nitrobenzene-d5	7.47	82	903689	100.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	321598	148.19	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1597837	100.58	ng	0.00
78) Terphenyl-d14	13.03	244	1456309	84.72	ng	0.00

Target Compounds Qvalue

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

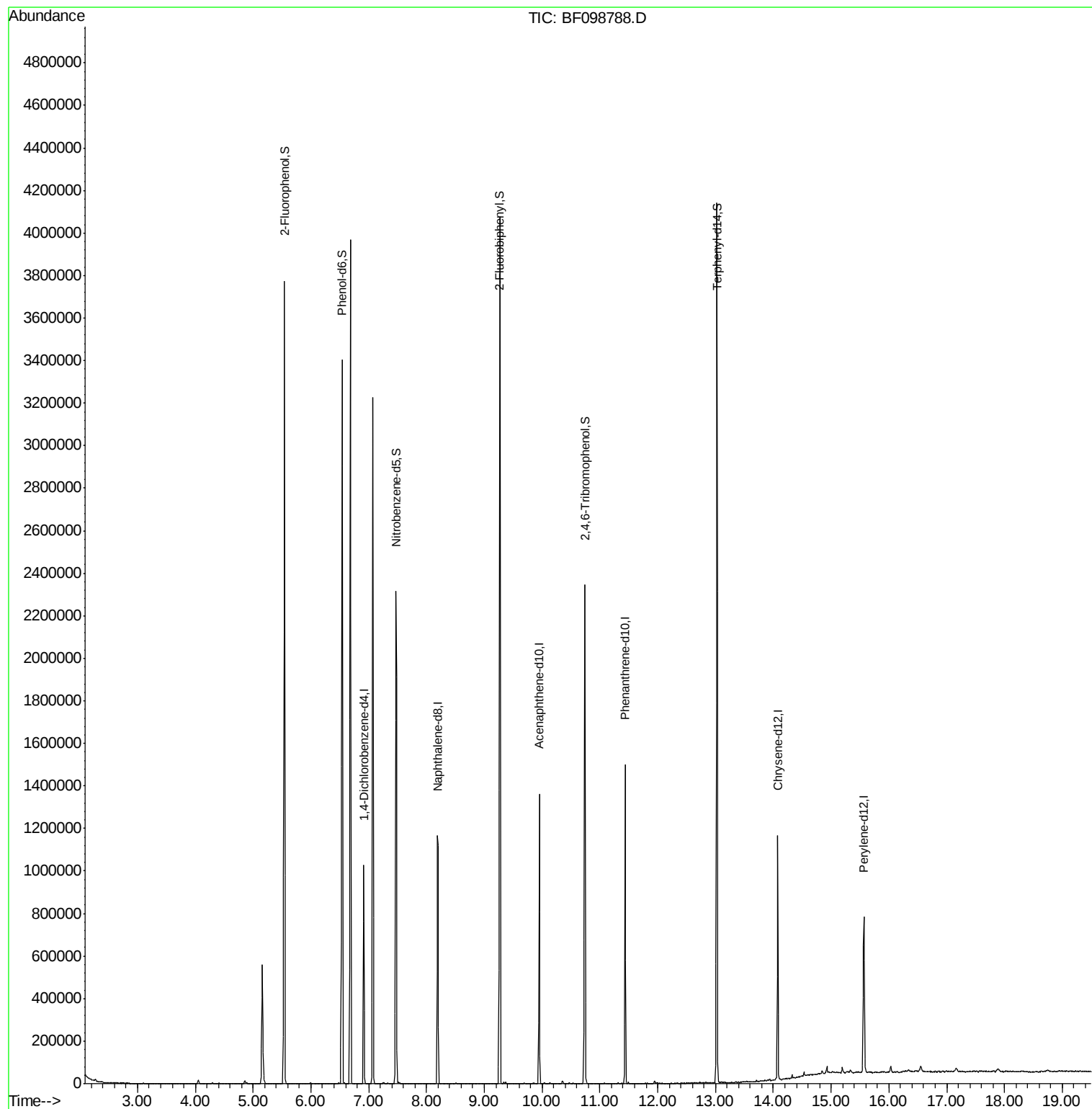
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098788.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

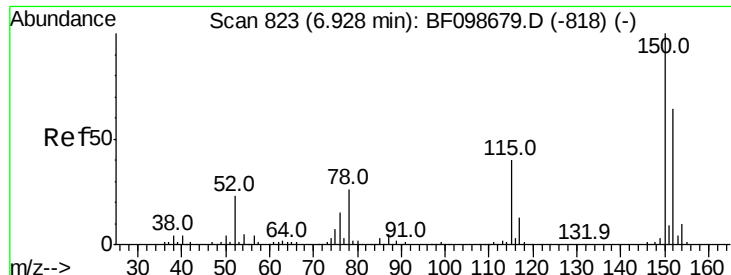
Instrument :
BNA_F
ClientSampleId :
PB102601BL

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#1

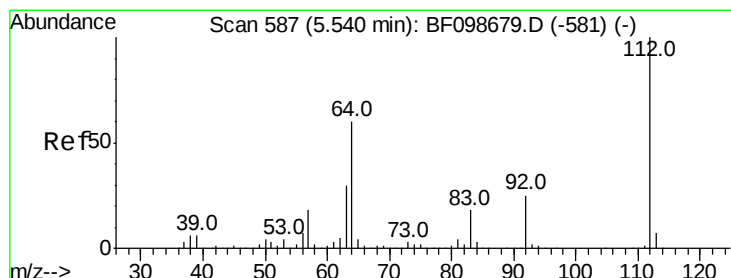
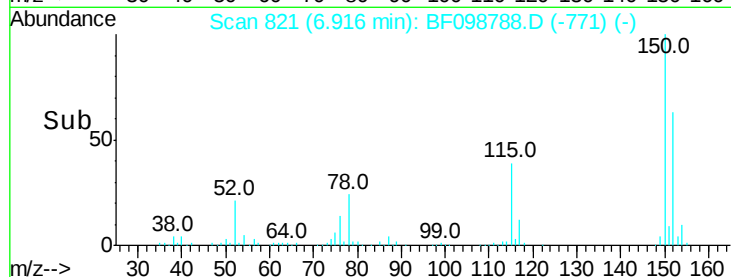
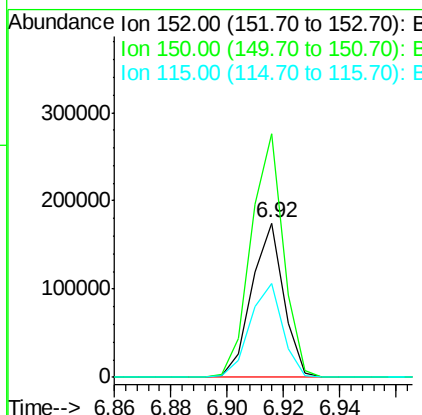
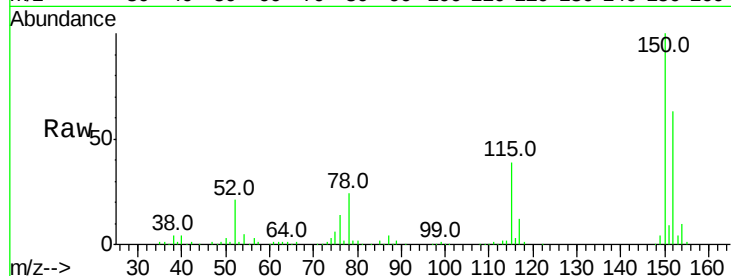
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102601BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	60.8	50.1	75.1

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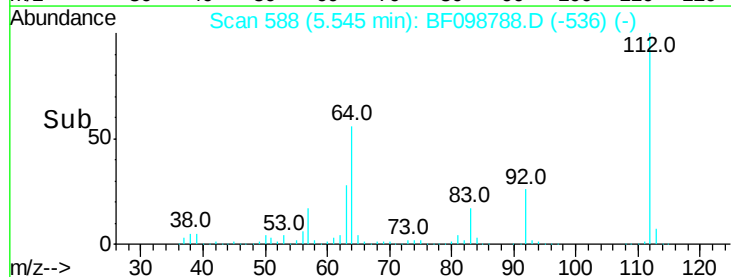
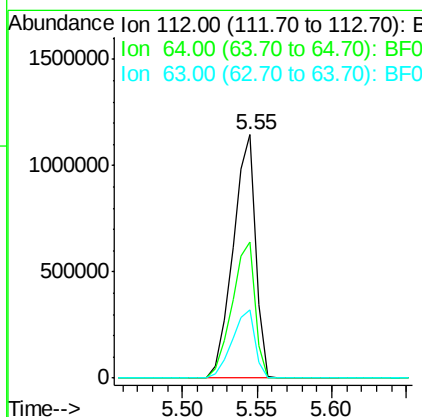
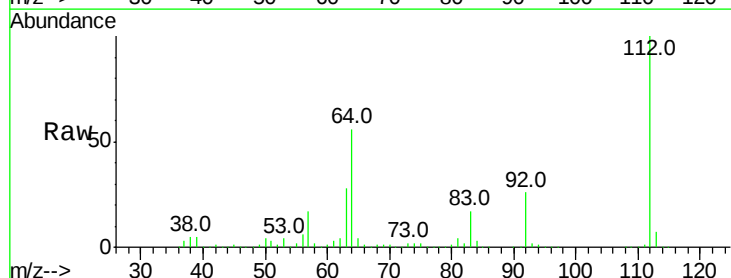
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#5

2-Fluorophenol
 Concen: 140.579 ng
 RT: 5.55 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	27.8	23.7	35.5





#7

Phenol-d6

Concen: 138.252 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098788.D

Acq: 25 Sep 2017 17:45

Instrument :

BNA_F

ClientSampleId :

PB102601BL

Tot Ion: 99 Resp: 1473796

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

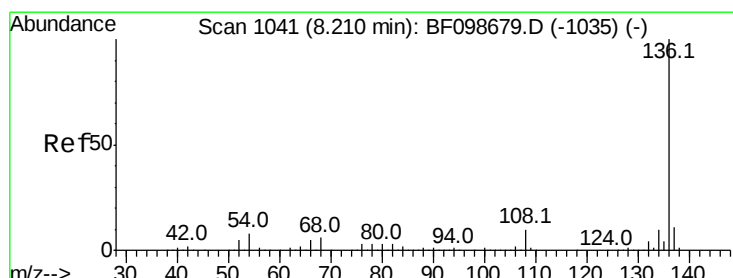
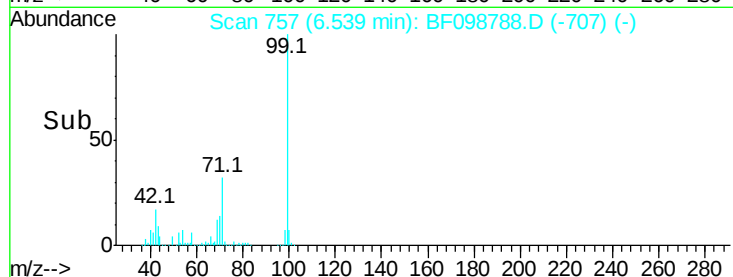
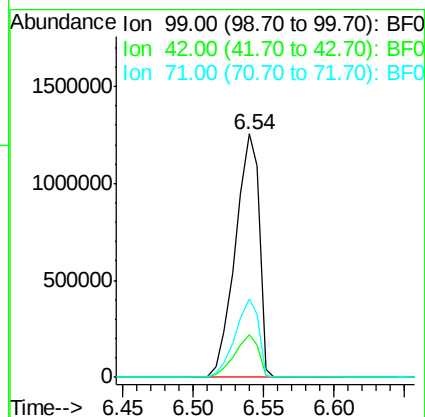
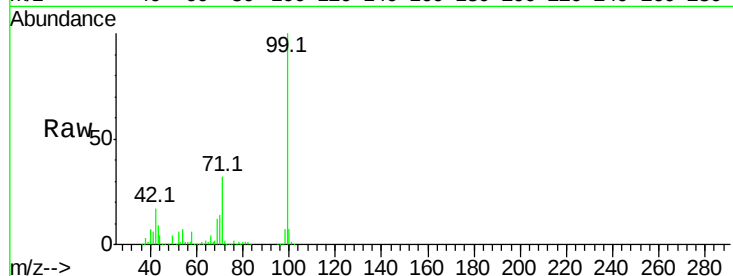
71 32.3 25.4 38.0

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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: BF098788.D

Acq: 25 Sep 2017 17:45

Tgt Ion: 136 Resp: 575979

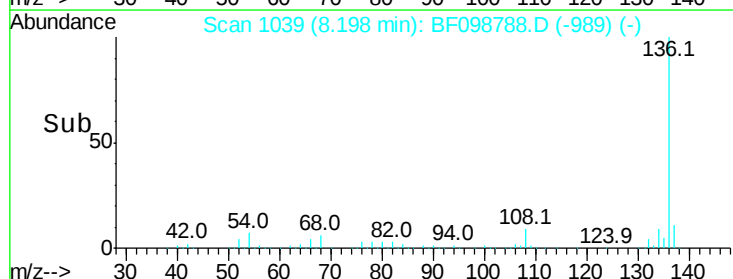
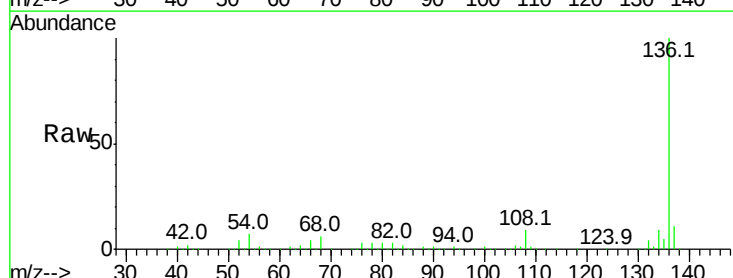
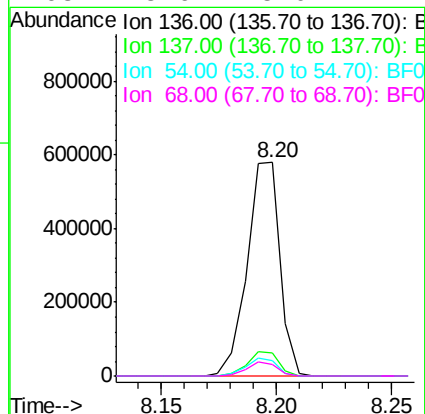
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 5.6 5.0 7.4





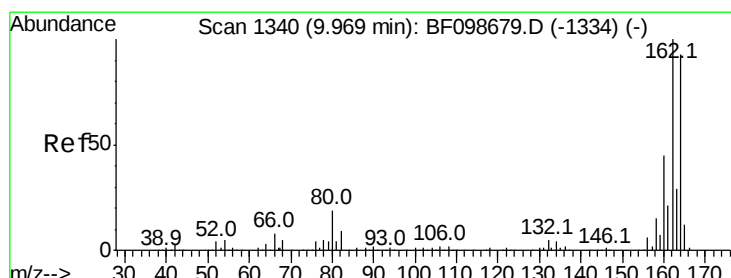
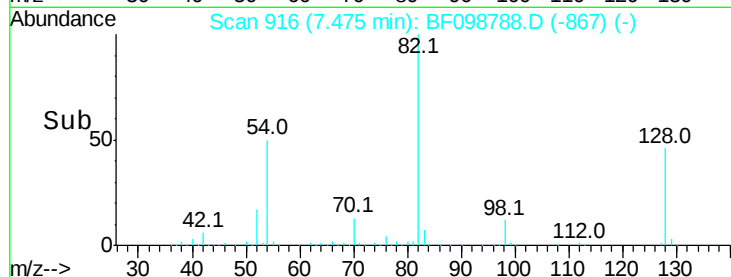
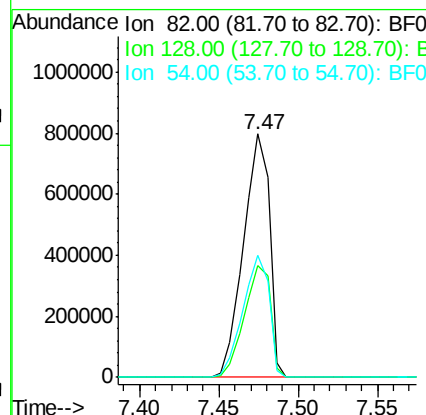
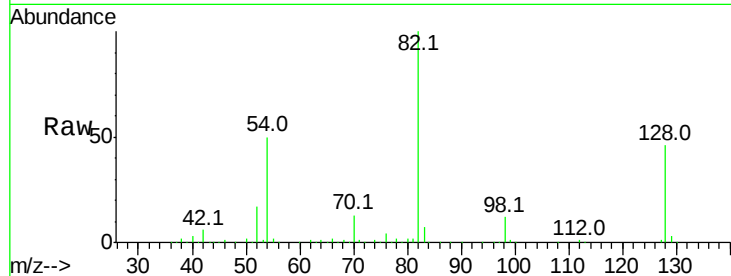
#23
Nitrobenzene-d5
Concen: 100.618 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098788.D
Acq: 25 Sep 2017 17:45

Instrument :
BNA_F
ClientSampled :
PB102601BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	50.4	41.4	62.2

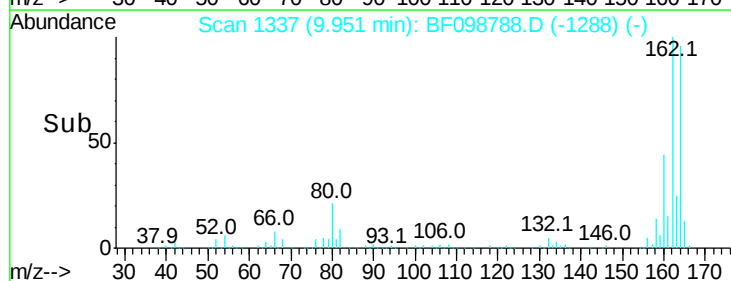
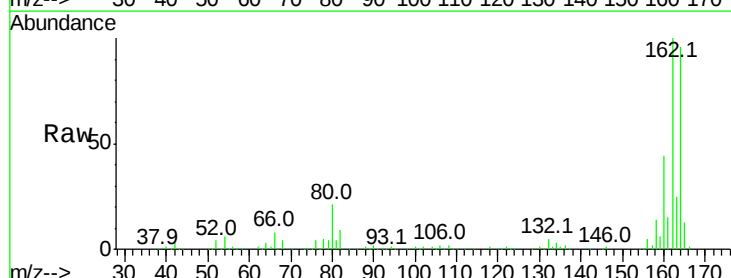
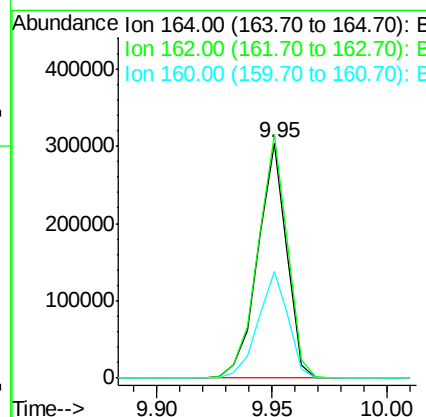
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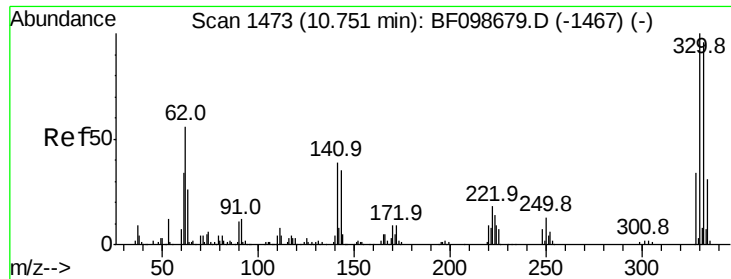
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098788.D
Acq: 25 Sep 2017 17:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.4	38.3	57.5





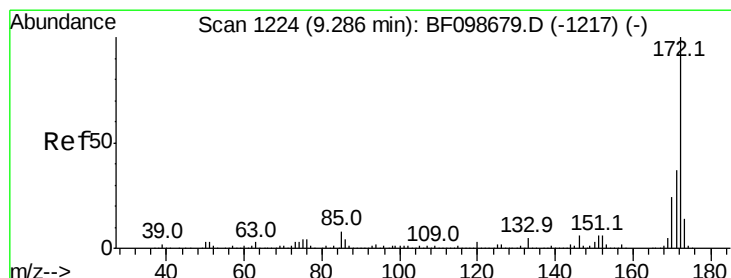
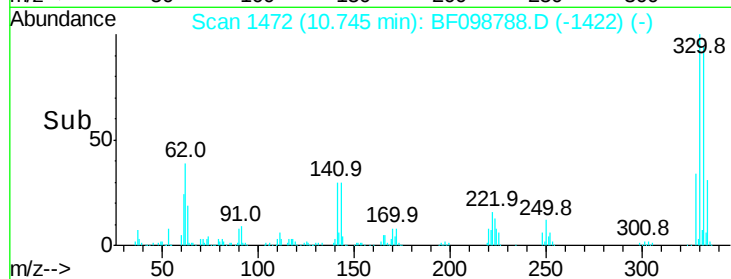
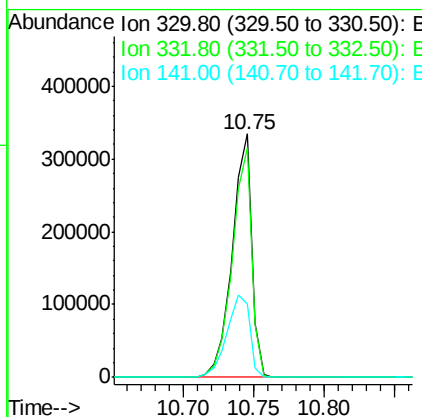
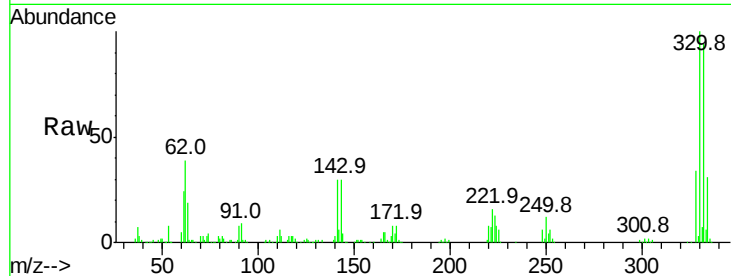
#41
 2,4,6-Tribromophenol
 Concen: 148.193 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102601BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	77.0	115.6	
141	39.7	29.9	44.9	

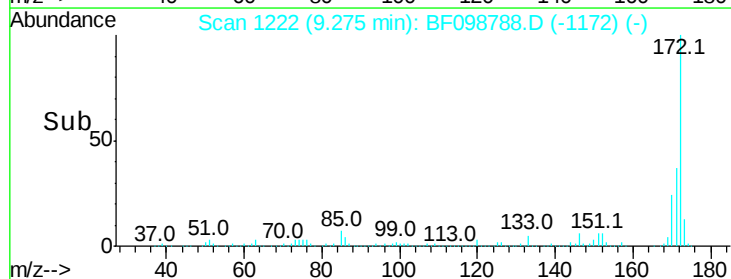
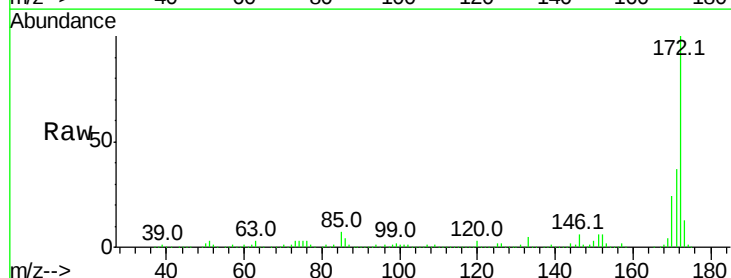
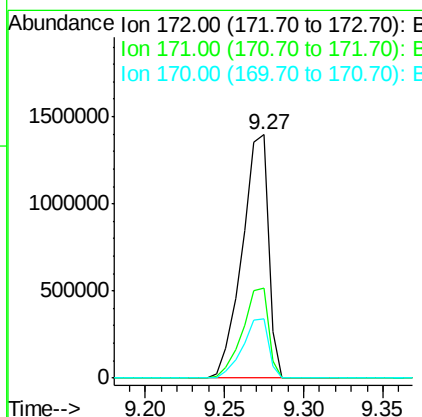
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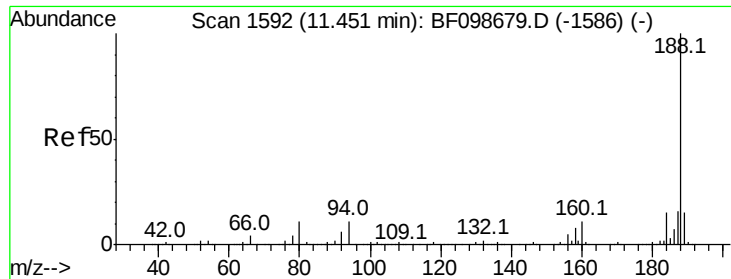
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#44
 2-Fluorobiphenyl
 Concen: 100.579 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.9	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: BF098788.D

Acq: 25 Sep 2017 17:45

Instrument :

BNA_F

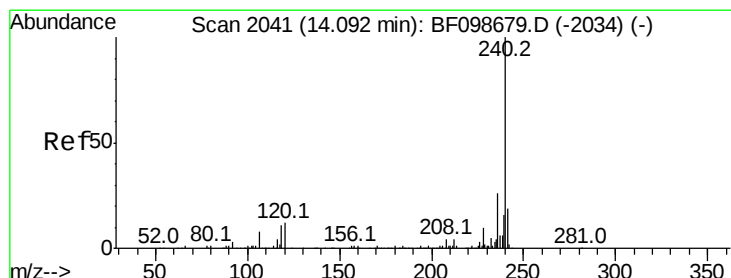
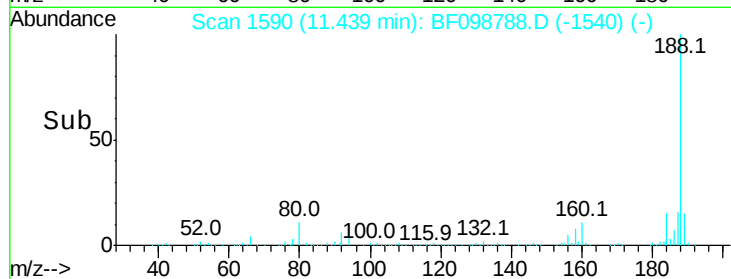
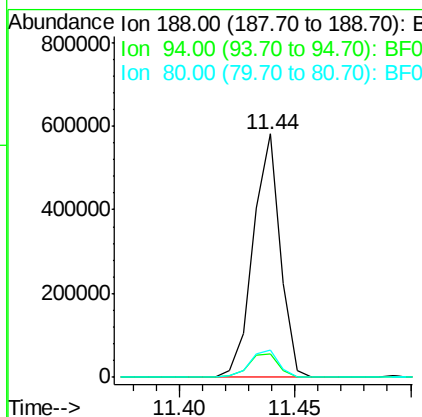
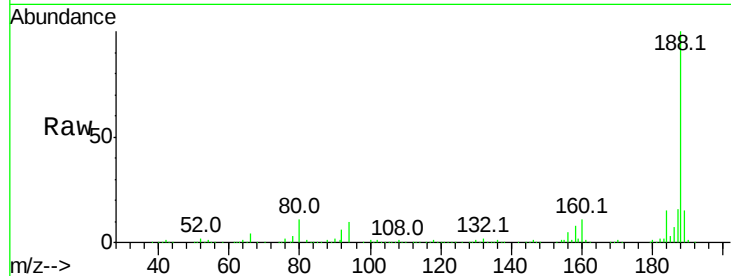
ClientSampleId :

PB102601BL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	477636		
94	9.8	8.5	12.7	
80	11.2	9.2	13.8	

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#75

Chrysene-d12

Concen: 20.000 ng

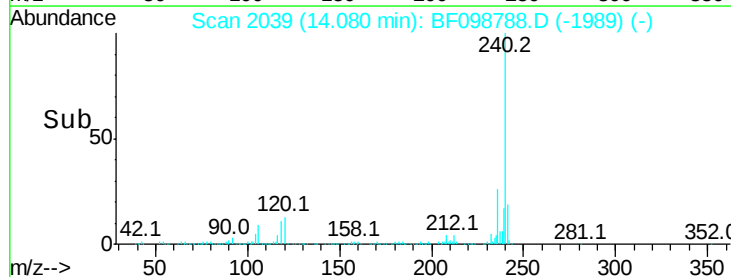
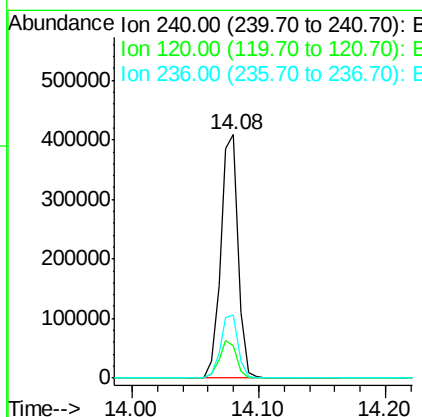
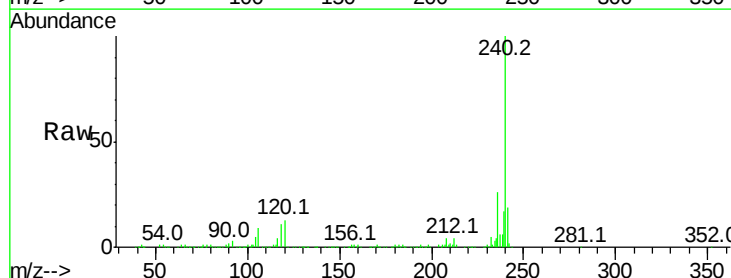
RT: 14.08 min Scan# 2039

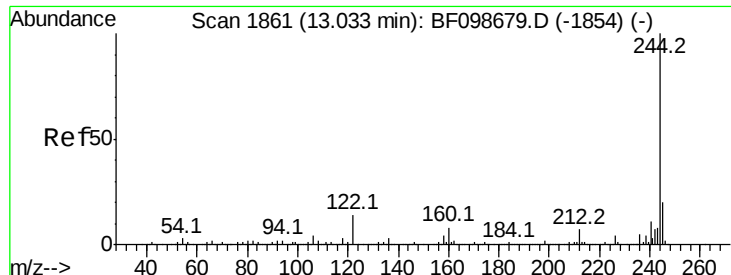
Delta R.T. -0.01 min

Lab File: BF098788.D

Acq: 25 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	390918		
120	13.1	9.5	14.3	
236	26.0	20.7	31.1	





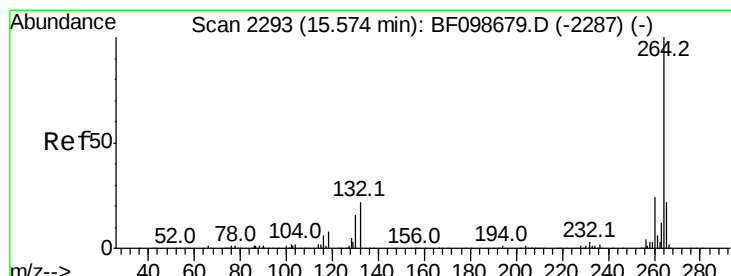
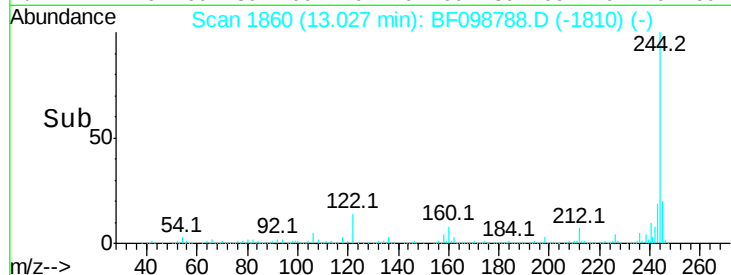
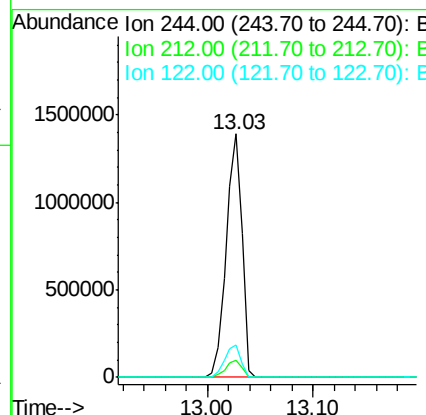
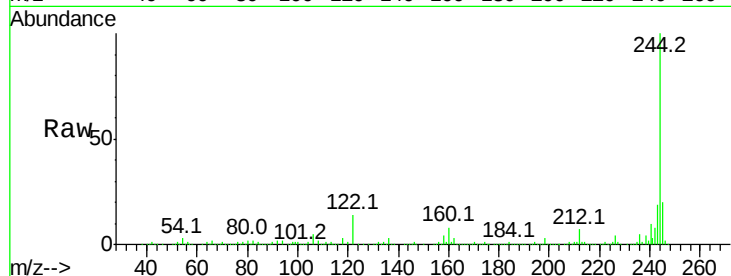
#78
 Terphenyl-d14
 Concen: 84.722 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102601BL

Tot Ion:244 Resp: 1456309
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.5 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: BF098788.D
 Acq: 25 Sep 2017 17:45

Tgt Ion:264 Resp: 314719
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.2 17.5 26.3

