

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102178.D
 Acq On : 18 Jan 2018 5:02
 Operator : SJ/JU
 Sample : J1144-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-5

Manual Integrations
 APPROVED

Sohil
 1/18/2018 11:12:49 AM

Quant Time: Jan 18 07:29:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	139821	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	345656	20.00	ng	0.02
38) Acenaphthene-d10	9.79	164	166602	20.00	ng	0.03
63) Phenanthrene-d10	11.26	188	273269	20.00	ng	0.02
75) Chrysene-d12	13.87	240	251110	20.00	ng	0.00
86) Perylene-d12	15.28	264	263155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	928531	93.77	ng	0.01
7) Phenol-d6	6.36	99	1071752	90.72	ng	0.00
23) Nitrobenzene-d5	7.30	82	634323	107.84	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	157406	108.26	ng	0.03
44) 2-Fluorobiphenyl	9.10	172	856605	80.33	ng	0.02
78) Terphenyl-d14	12.83	244	687156	56.82	ng	0.00
Target Compounds						
10) Phenol	6.37	94	44749	3.352	ng	# 64
31) Naphthalene	8.05	128	2385411	138.110	ng	# 95
37) 2-Methylnaphthalene	8.76	142	2583862	227.242	ng	# 97
49) Dimethylphthalate	9.50	163	89679	6.710	ng	# 59
51) Acenaphthene	9.82	154	95638	8.695	ng	# 71
57) Fluorene	10.33	166	298459	28.600	ng	# 92
70) Phenanthrene	11.29	178	590967	37.022	ng	# 96
77) Pyrene	12.69	202	129751	5.846	ng	# 97

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

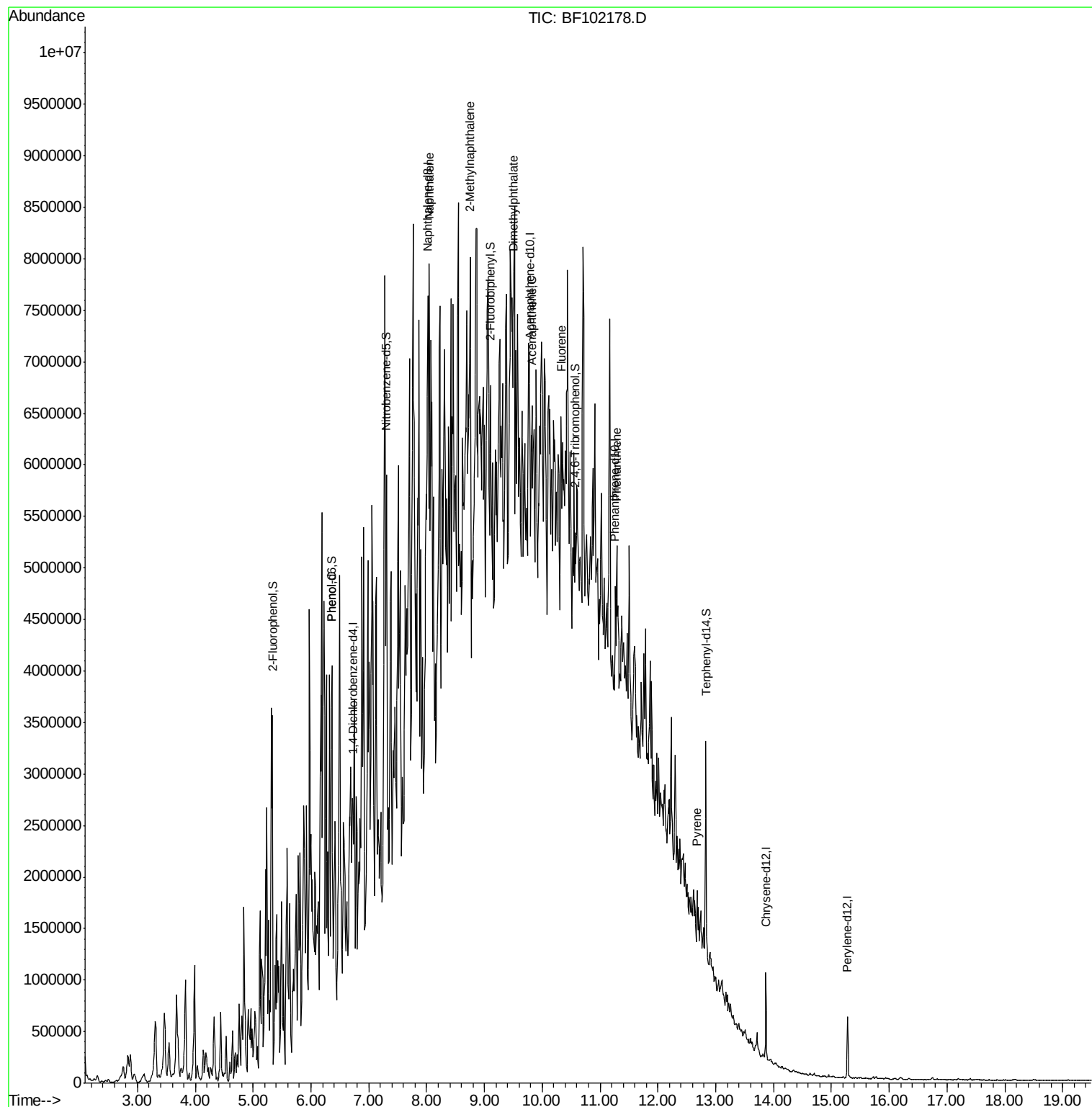
Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102178.D
Acq On : 18 Jan 2018 5:02
Operator : SJ/JU
Sample : J1144-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

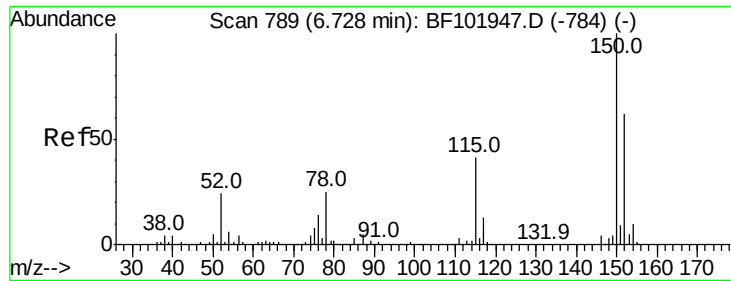
Instrument :
BNA_F
ClientSampleID :
IGW-5

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1/18/2018 11:12:49 AM

Quant Time: Jan 18 07:29:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration





#1

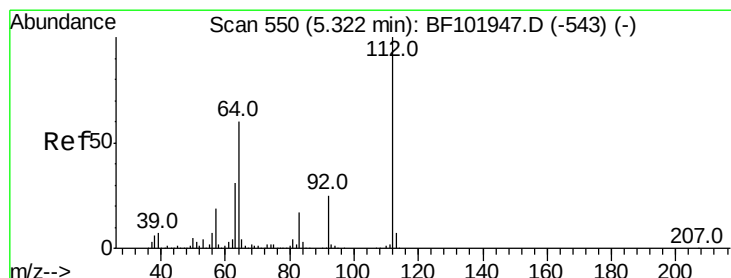
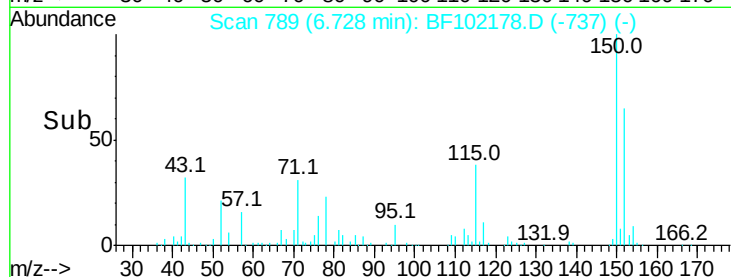
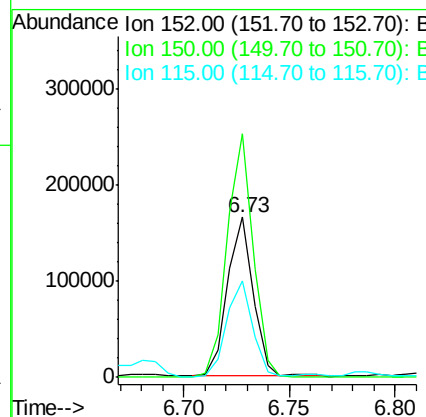
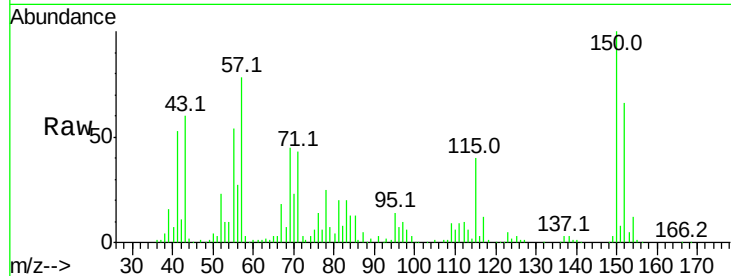
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF102178.D
Acq: 18 Jan 2018 5:02

Instrument :
BNA_F
ClientSampled :
IGW-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	60.5	50.1	75.1

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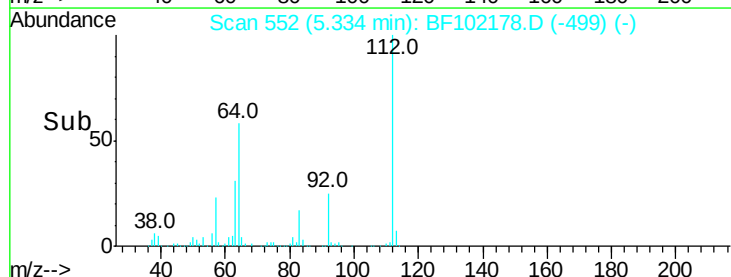
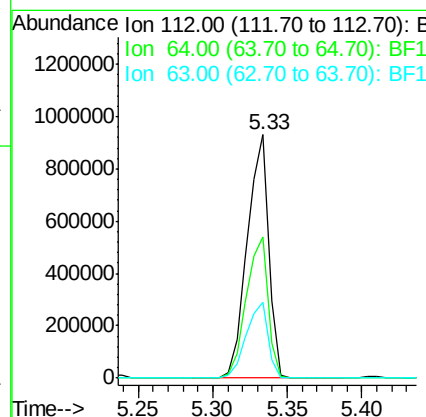
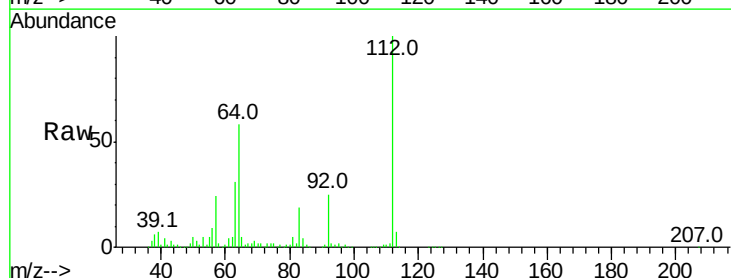
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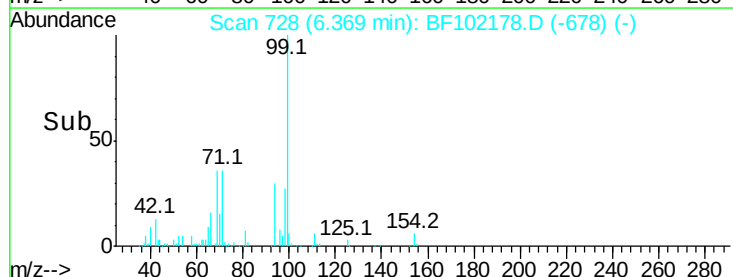
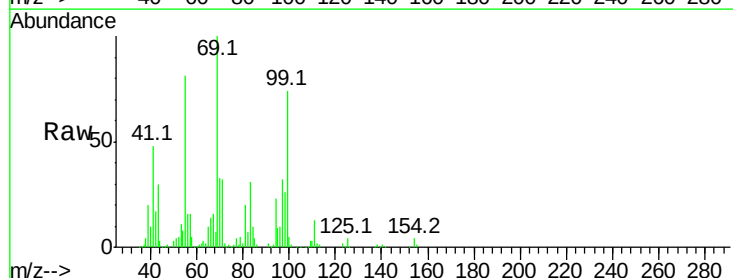
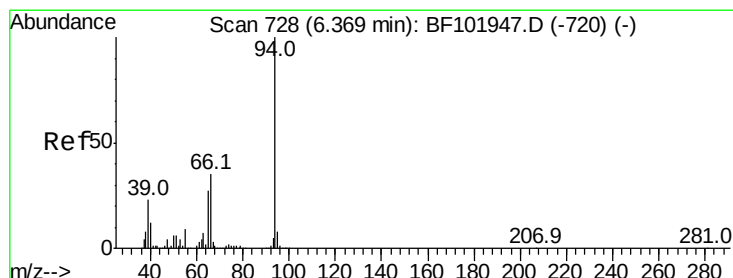
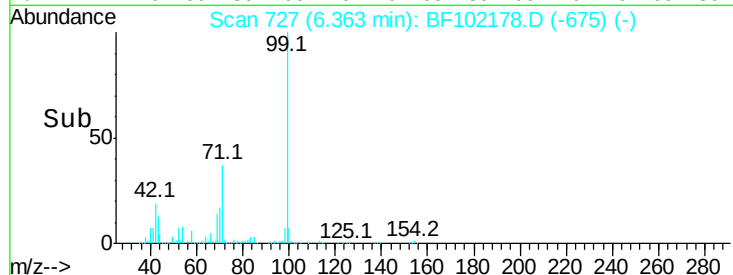
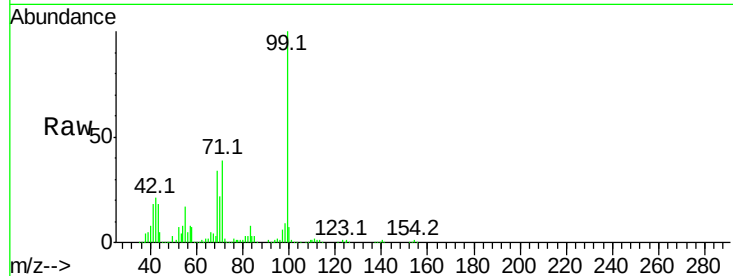
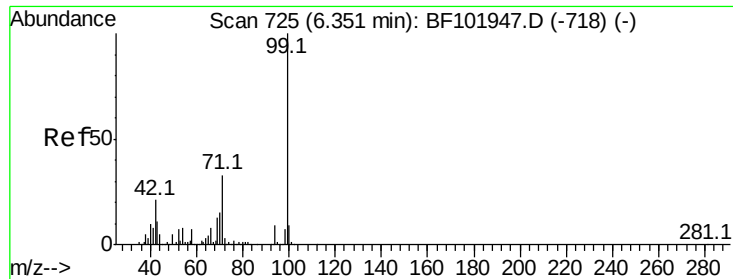


#5

2-Fluorophenol
Concen: 93.774 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102178.D
Acq: 18 Jan 2018 5:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 90.720 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102178.D

Acq: 18 Jan 2018 5:02

Tot Ion: 99 Resp: 1071752

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 38.8 25.4 38.0#

Instrument :

BNA_F

ClientSampleId :

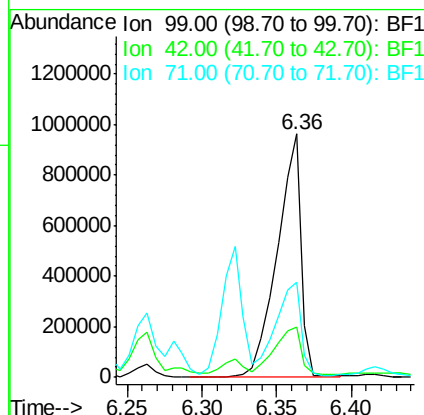
IGW-5

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#10

Phenol

Concen: 3.352 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102178.D

Acq: 18 Jan 2018 5:02

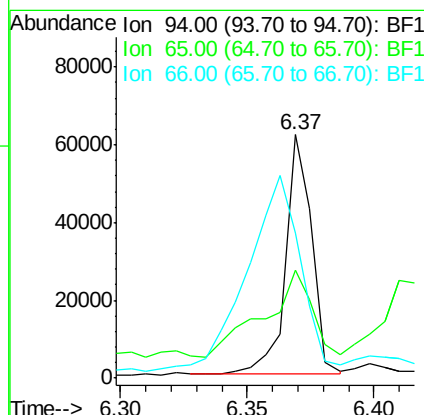
Tgt Ion: 94 Resp: 44749

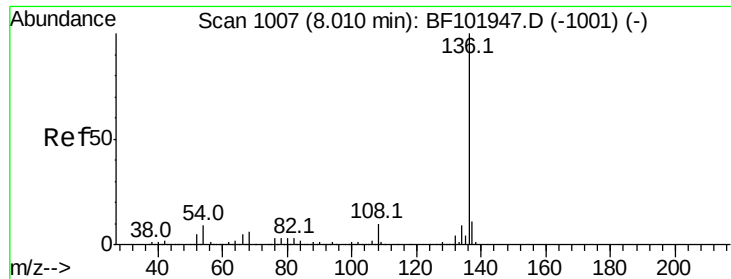
Ion Ratio Lower Upper

94 100

65 44.6 7.9 47.9

66 59.7 16.2 56.2#





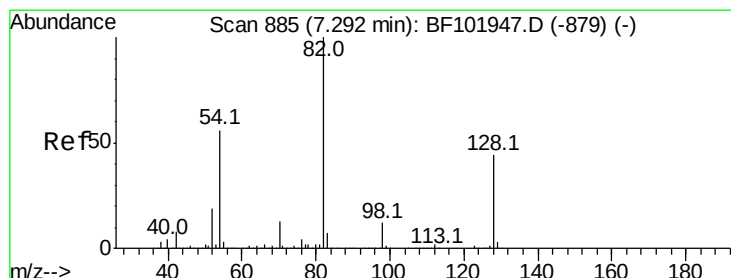
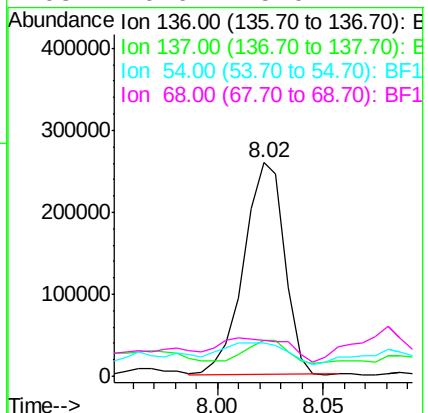
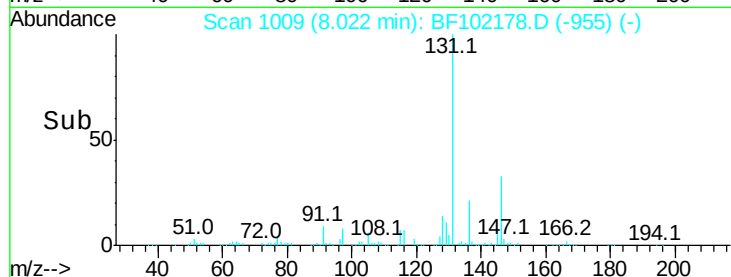
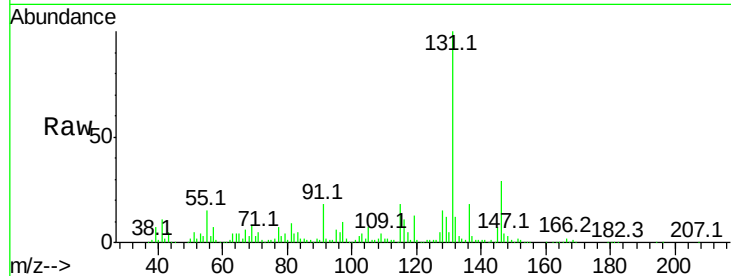
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BF102178.D
Acq: 18 Jan 2018 5:02

Instrument :
BNA_F
ClientSampleId :
IGW-5

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	16.9	8.9	13.3#
54	15.4	6.6	9.8#
68	16.6	5.0	7.4#

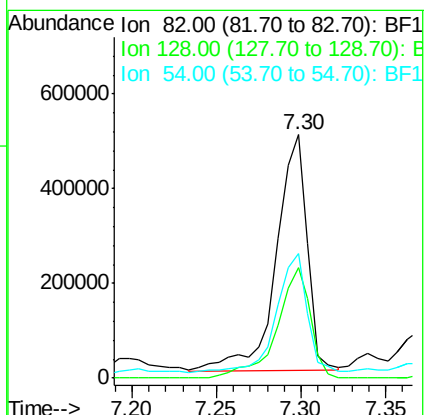
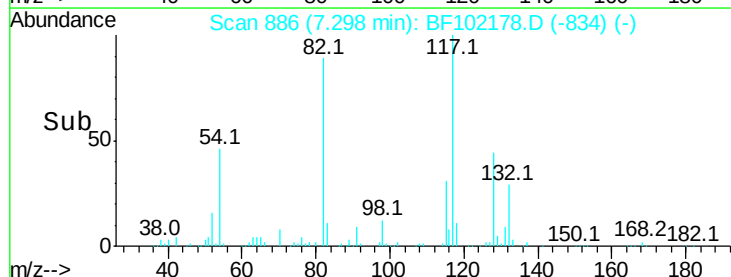
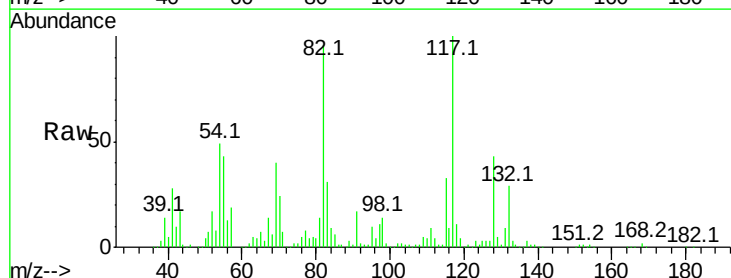
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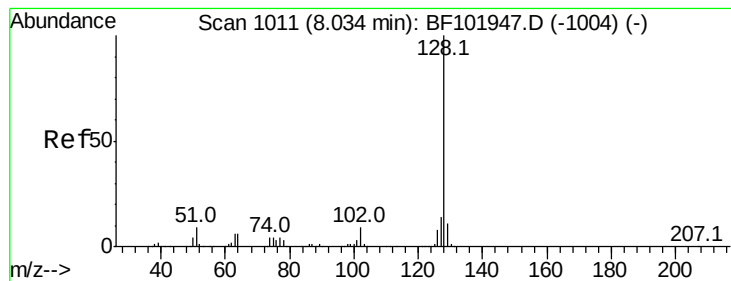
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#23
Nitrobenzene-d5
Concen: 107.840 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102178.D
Acq: 18 Jan 2018 5:02

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.2	36.1	54.1
54	51.4	41.4	62.2





#31

Naphthalene

Concen: 138.110 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.02 min

Lab File: BF102178.D

Acq: 18 Jan 2018 5:02

Instrument :

BNA_F

ClientSampleId :

IGW-5

Tot Ion:128 Resp: 2385411

Ion Ratio Lower Upper

128 100

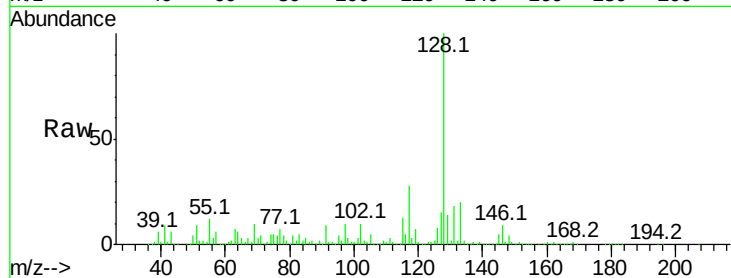
129 14.1 8.8 13.2#

127 14.8 10.9 16.3

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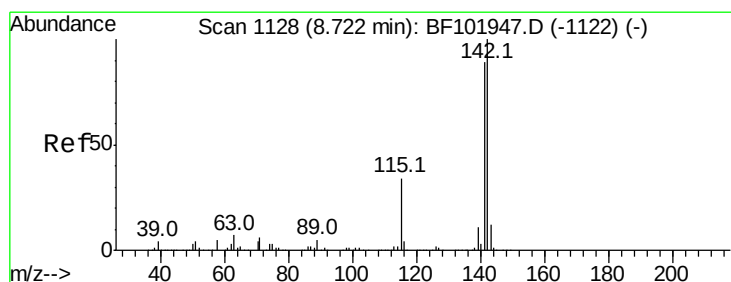
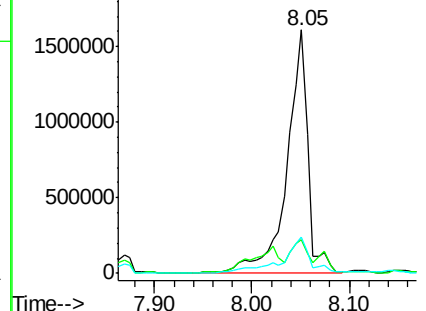
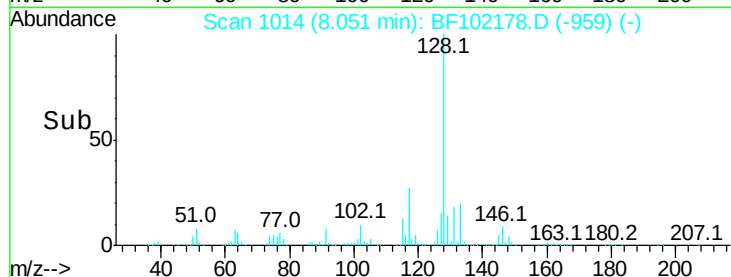
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 227.242 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.04 min

Lab File: BF102178.D

Acq: 18 Jan 2018 5:02

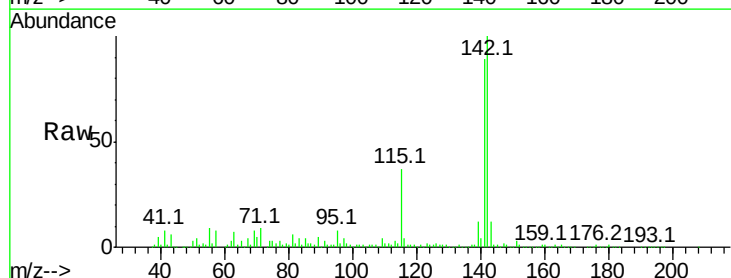
Tgt Ion:142 Resp: 2583862

Ion Ratio Lower Upper

142 100

141 89.2 70.8 106.2

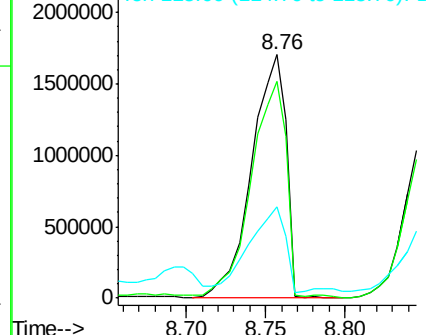
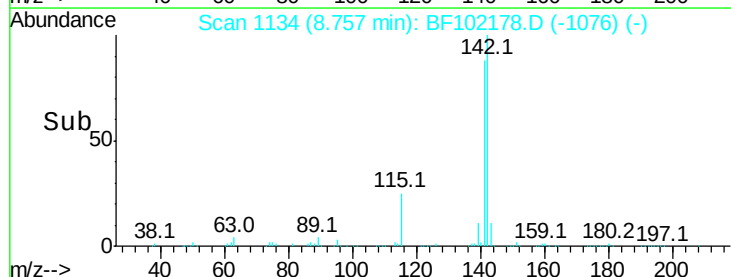
115 37.4 26.1 39.1

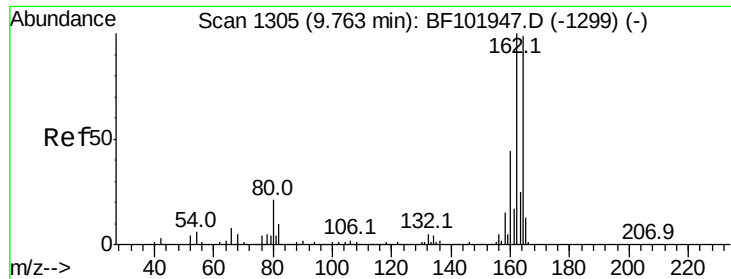


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





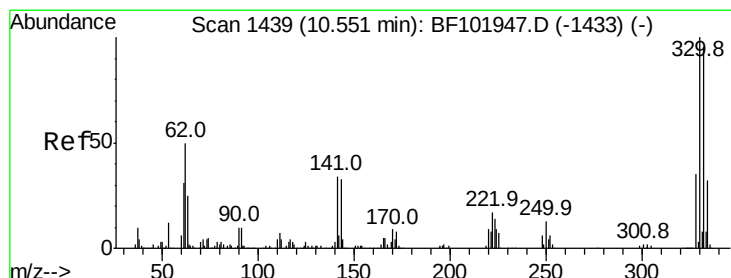
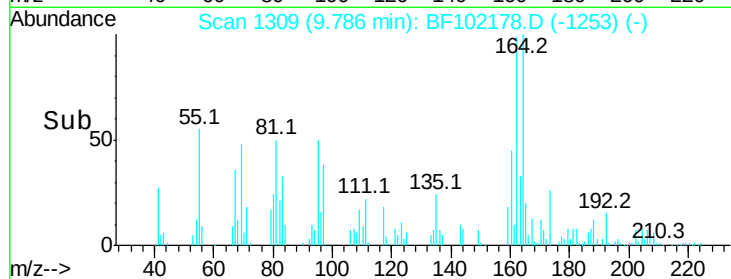
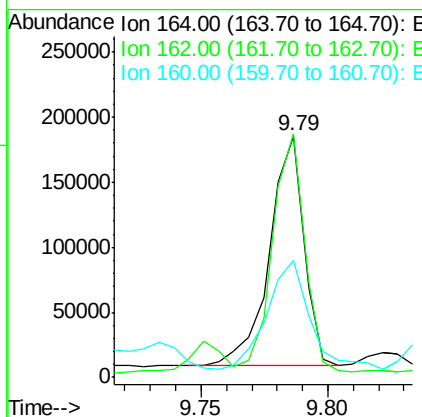
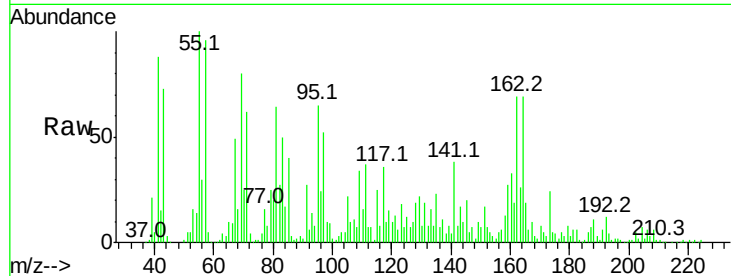
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.03 min
 Lab File: BF102178.D
 Acq: 18 Jan 2018 5:02

Instrument :
 BNA_F
 ClientSampled :
 IGW-5

Tot Ion	Ratio	Resp	Lower	Upper
164	100	166602		
162	100.9	86.1	129.1	
160	48.5	38.3	57.5	

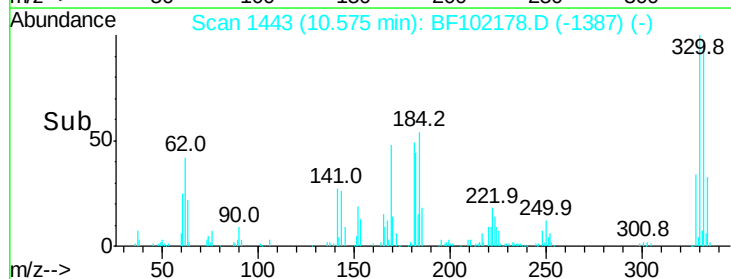
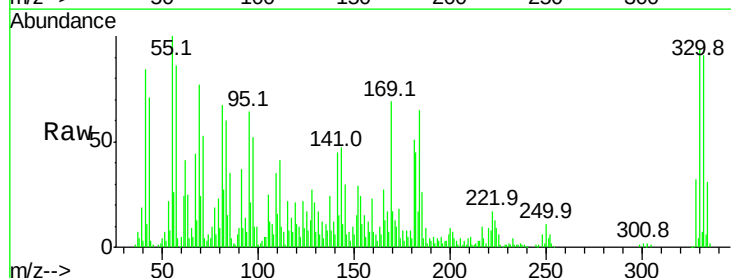
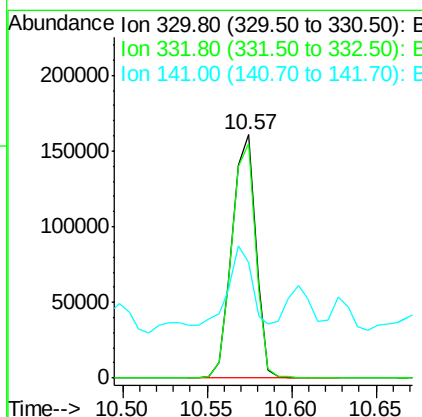
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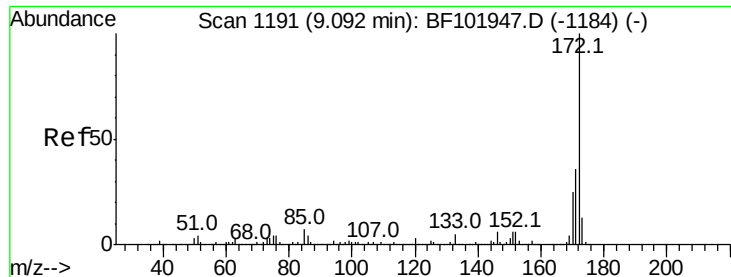
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#41
 2,4,6-Tribromophenol
 Concen: 108.264 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.03 min
 Lab File: BF102178.D
 Acq: 18 Jan 2018 5:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	157406		
332	97.3	77.0	115.6	
141	30.7	29.9	44.9	





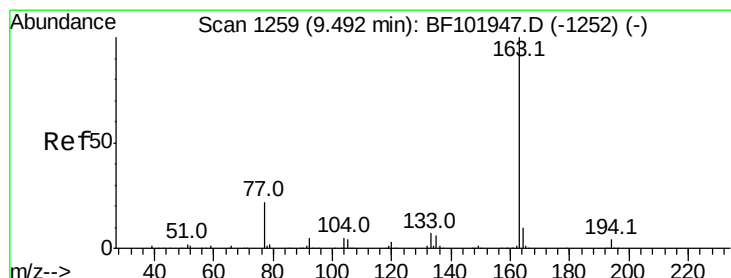
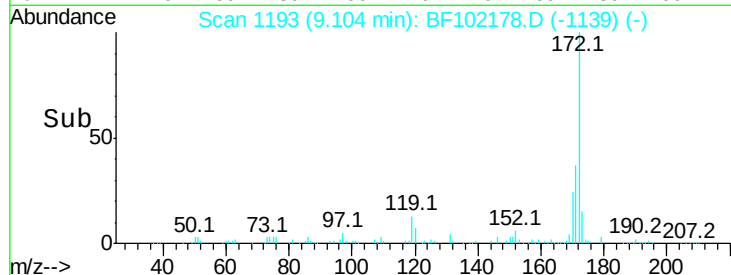
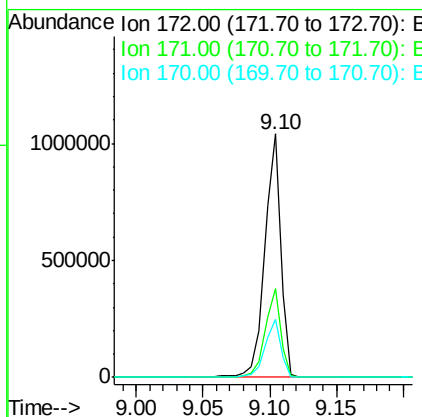
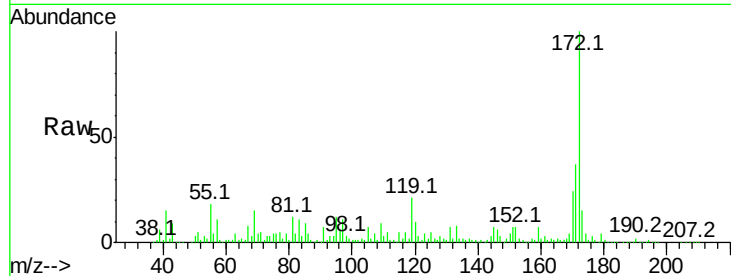
#44
2-Fluorobiphenyl
Concen: 80.326 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.02 min
Lab File: BF102178.D
Acq: 18 Jan 2018 5:02

Instrument :
BNA_F
ClientSampleId :
IGW-5

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	29.7	44.5	
170	24.0	19.6	29.4	

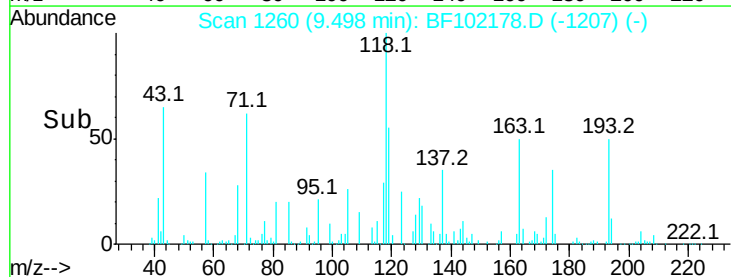
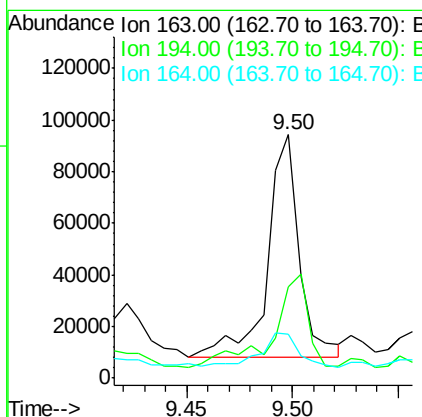
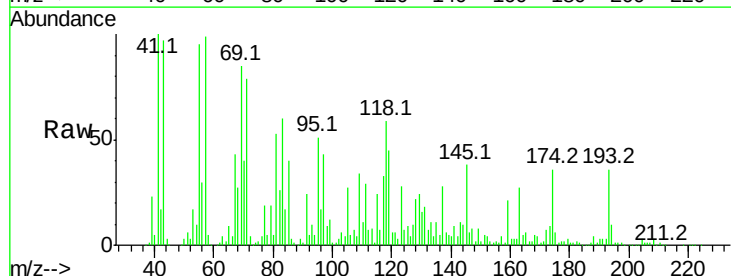
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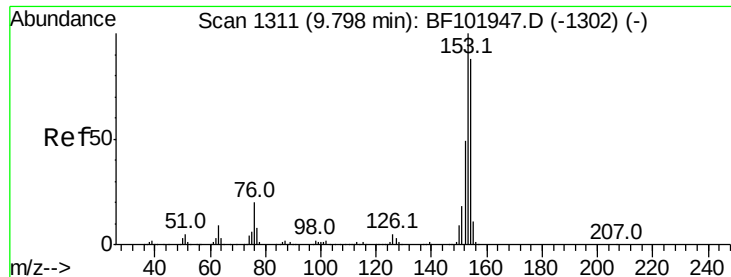
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#49
Dimethylphthalate
Concen: 6.710 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BF102178.D
Acq: 18 Jan 2018 5:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	37.4	2.7	4.1#	
164	17.9	8.2	12.2#	





#51

Acenaphthene

Concen: 8.695 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.02 min

Lab File: BF102178.D

Acq: 18 Jan 2018 5:02

Instrument :

BNA_F

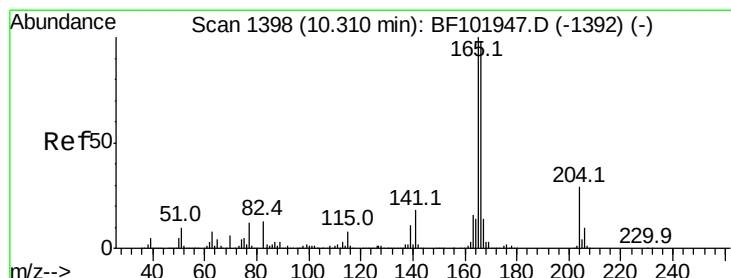
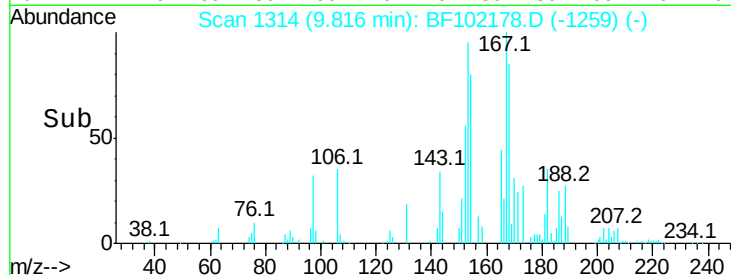
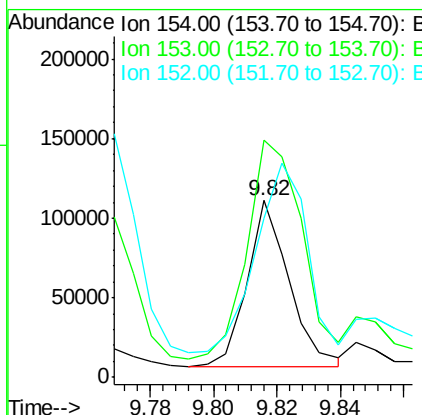
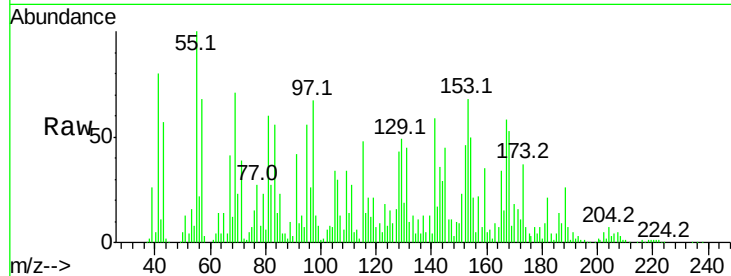
ClientSampled :

IGW-5

Tot Ion:	154	Resp:	95638
Ion Ratio	Lower	Upper	
154	100		
153	134.4	91.2	136.8
152	90.4	43.8	65.8#

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#57

Fluorene

Concen: 28.600 ng

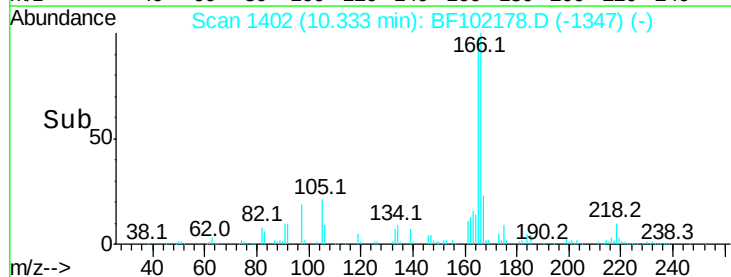
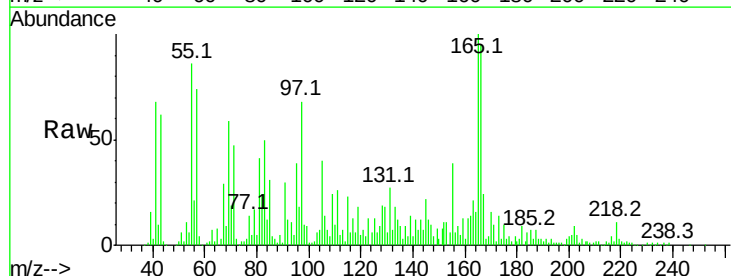
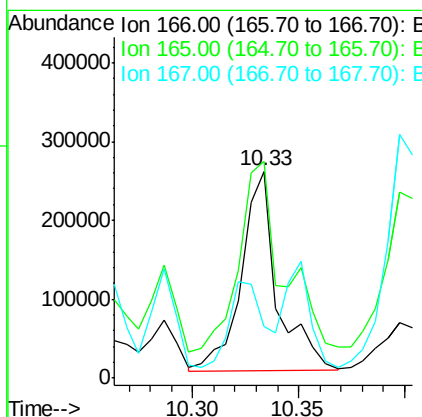
RT: 10.33 min Scan# 1402

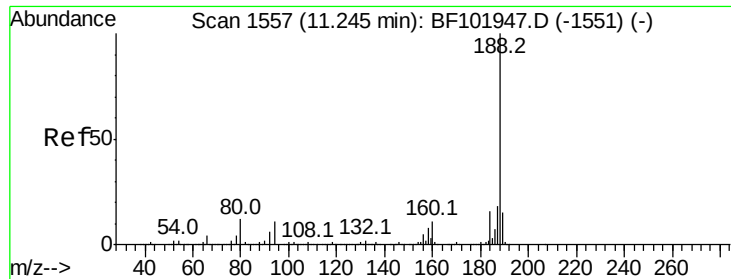
Delta R.T. 0.02 min

Lab File: BF102178.D

Acq: 18 Jan 2018 5:02

Tgt Ion:	166	Resp:	298459
Ion Ratio	Lower	Upper	
166	100		
165	104.8	79.8	119.8
167	24.8	10.6	16.0#





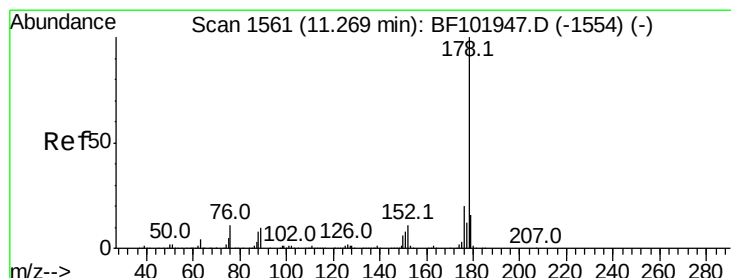
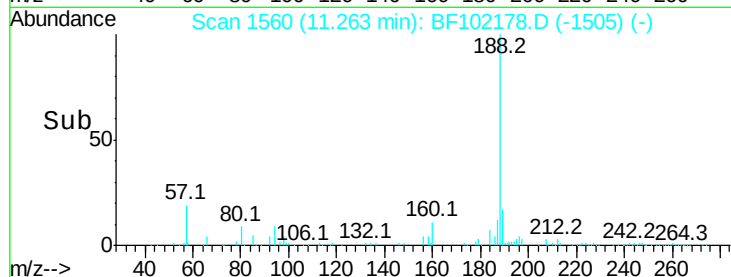
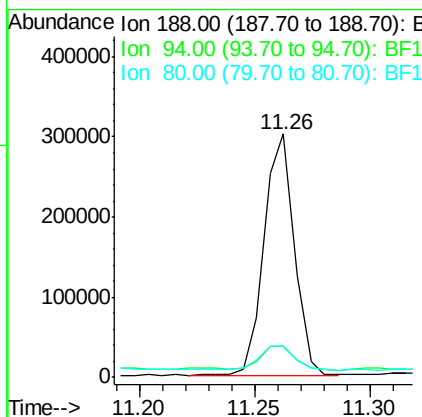
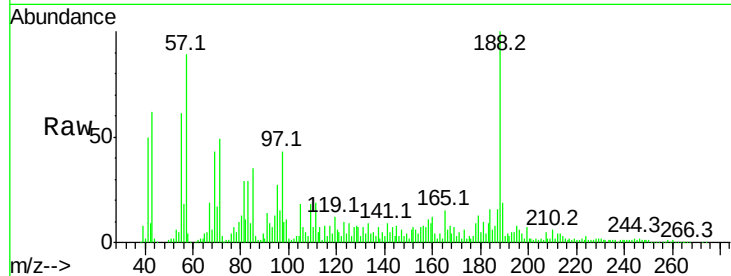
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BF102178.D
Acq: 18 Jan 2018 5:02

Instrument :
BNA_F
ClientSampleId :
IGW-5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	273269		
94	12.7	8.5	12.7#	
80	12.5	9.2	13.8	

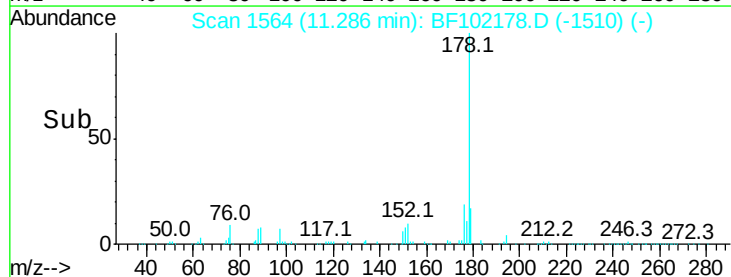
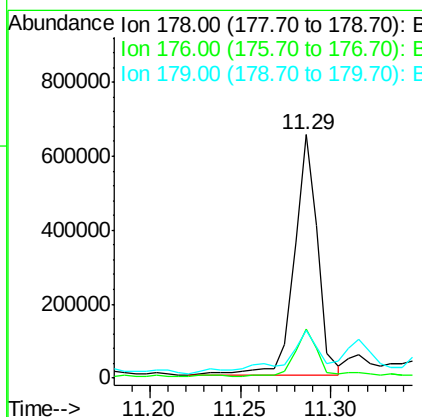
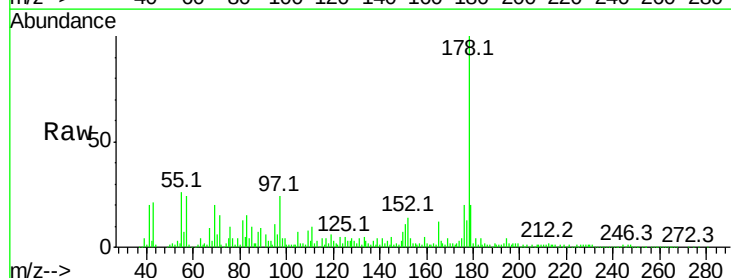
Manual Integrations
APPROVED

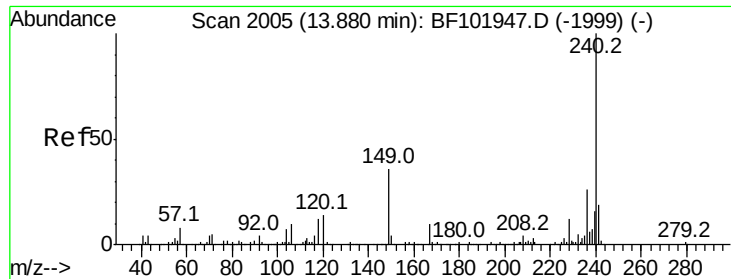
Sohil
1/18/2018 11:12:49 AM



#70
Phenanthrene
Concen: 37.022 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.02 min
Lab File: BF102178.D
Acq: 18 Jan 2018 5:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	590967		
176	20.1	15.8	23.8	
179	19.7	13.0	19.6#	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102178.D

Acq: 18 Jan 2018 5:02

Instrument :

BNA_F

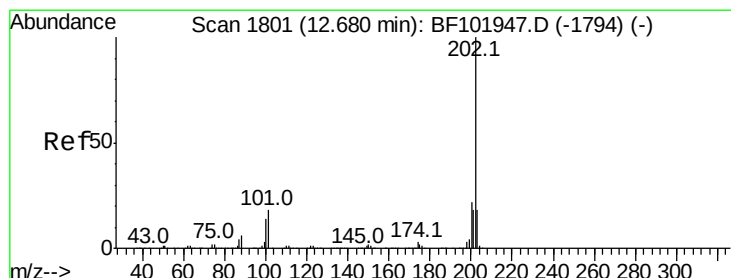
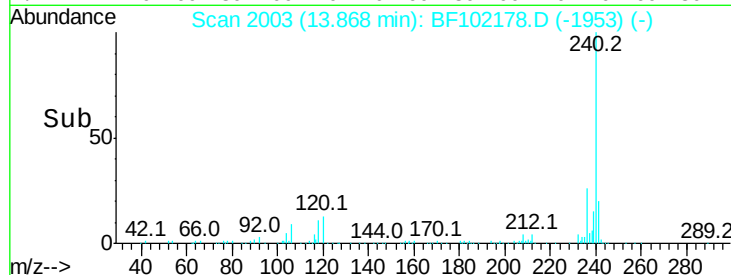
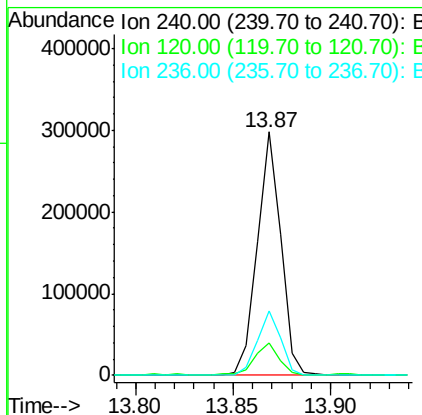
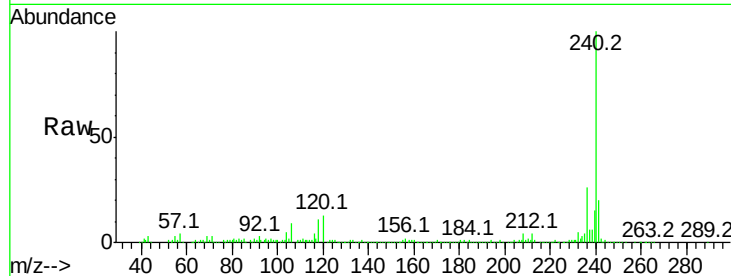
ClientSampled :

IGW-5

Tot Ion:	240	Resp:	251110
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.5	14.3
236	26.5	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 5.846 ng

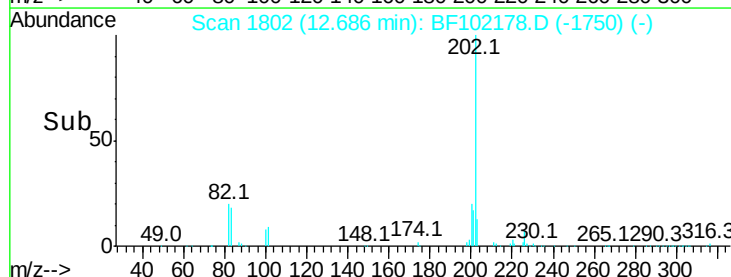
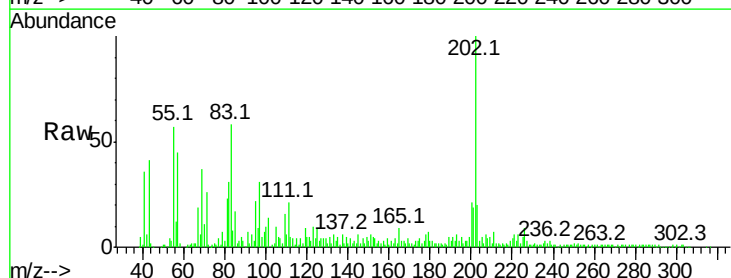
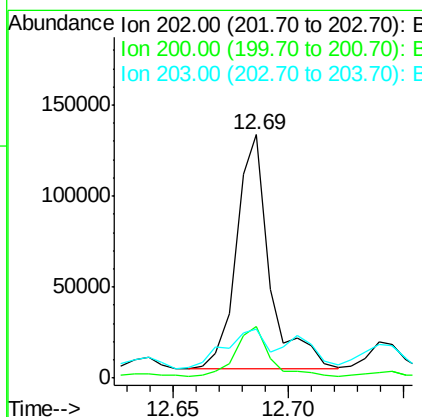
RT: 12.69 min Scan# 1802

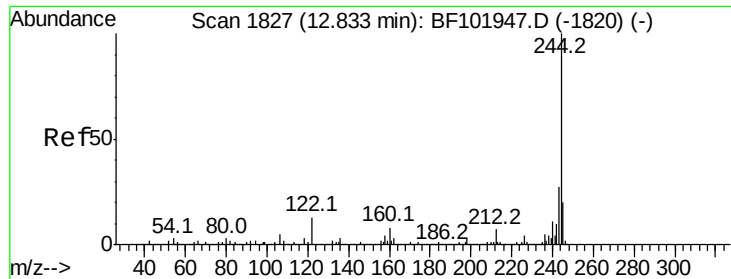
Delta R.T. 0.01 min

Lab File: BF102178.D

Acq: 18 Jan 2018 5:02

Tgt Ion:	202	Resp:	129751
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	20.2	14.3	21.5





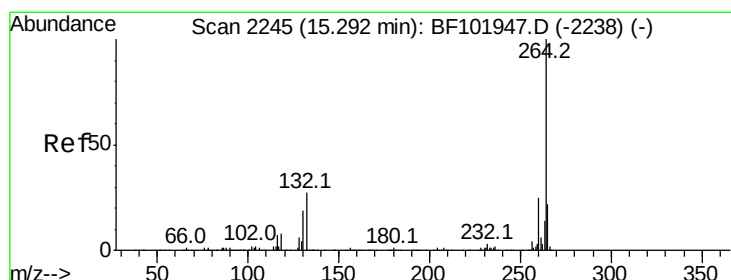
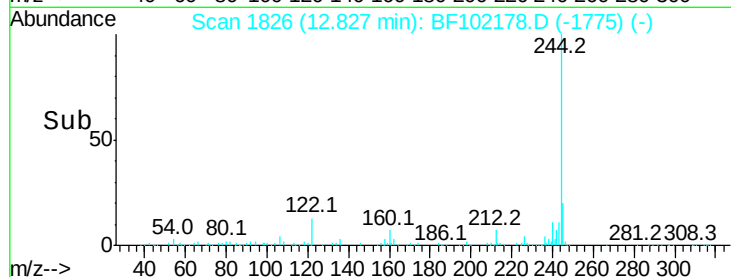
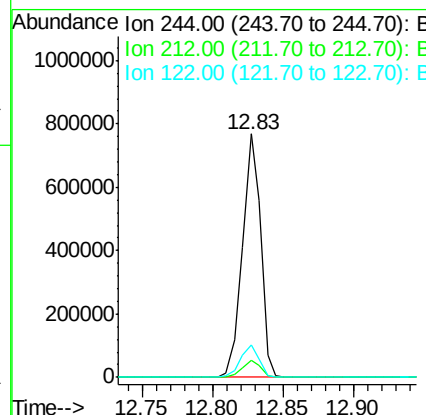
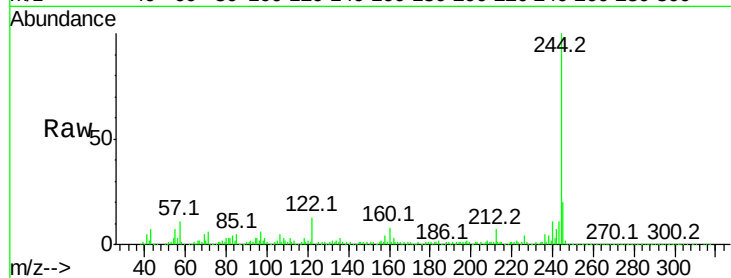
#78
 Terphenyl-d14
 Concen: 56.816 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF102178.D
 Acq: 18 Jan 2018 5:02

Instrument :
 BNA_F
 ClientSampleId :
 IGW-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.1	11.0	16.4

Manual Integrations
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Sohil
 1/18/2018 11:12:49 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102178.D
 Acq: 18 Jan 2018 5:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.7	17.5	26.3

