

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102179.D
 Acq On : 18 Jan 2018 5:29
 Operator : SJ/JU
 Sample : J1144-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-6

Manual Integrations
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Sohil
 1/18/2018 11:12:53 AM

Quant Time: Jan 18 07:37:43 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	6.79	152	109326	20.00	ng	0.07
21) Naphthalene-d8	8.05	136	68450	20.00	ng	0.05
38) Acenaphthene-d10	9.78	164	191708	20.00	ng	0.02
63) Phenanthrene-d10	11.26	188	257318	20.00	ng	0.02
75) Chrysene-d12	13.87	240	249025	20.00	ng	0.00
86) Perylene-d12	15.29	264	238743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	65042m	8.40	ng	0.04
7) Phenol-d6	6.41	99	319085	34.54	ng	0.05
23) Nitrobenzene-d5	7.36	82	274845	235.95	ng	0.06
41) 2,4,6-Tribromophenol	10.57	330	173169	103.51	ng	0.02
44) 2-Fluorobiphenyl	9.11	172	904431	73.70	ng	0.02
78) Terphenyl-d14	12.83	244	712074	59.37	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	3576504	1045.659	ng	# 94
37) 2-Methylnaphthalene	8.79	142	4798369	2130.996	ng	# 95
45) 1,1'-Biphenyl	9.21	154	347750	20.522	ng	99
49) Dimethylphthalate	9.49	163	79024m	5.138	ng	
51) Acenaphthene	9.82	154	89632	7.082	ng	# 55
57) Fluorene	10.33	166	250070	20.825	ng	# 91
70) Phenanthrene	11.28	178	465921	30.998	ng	# 96
77) Pyrene	12.69	202	103607	4.707	ng	98

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

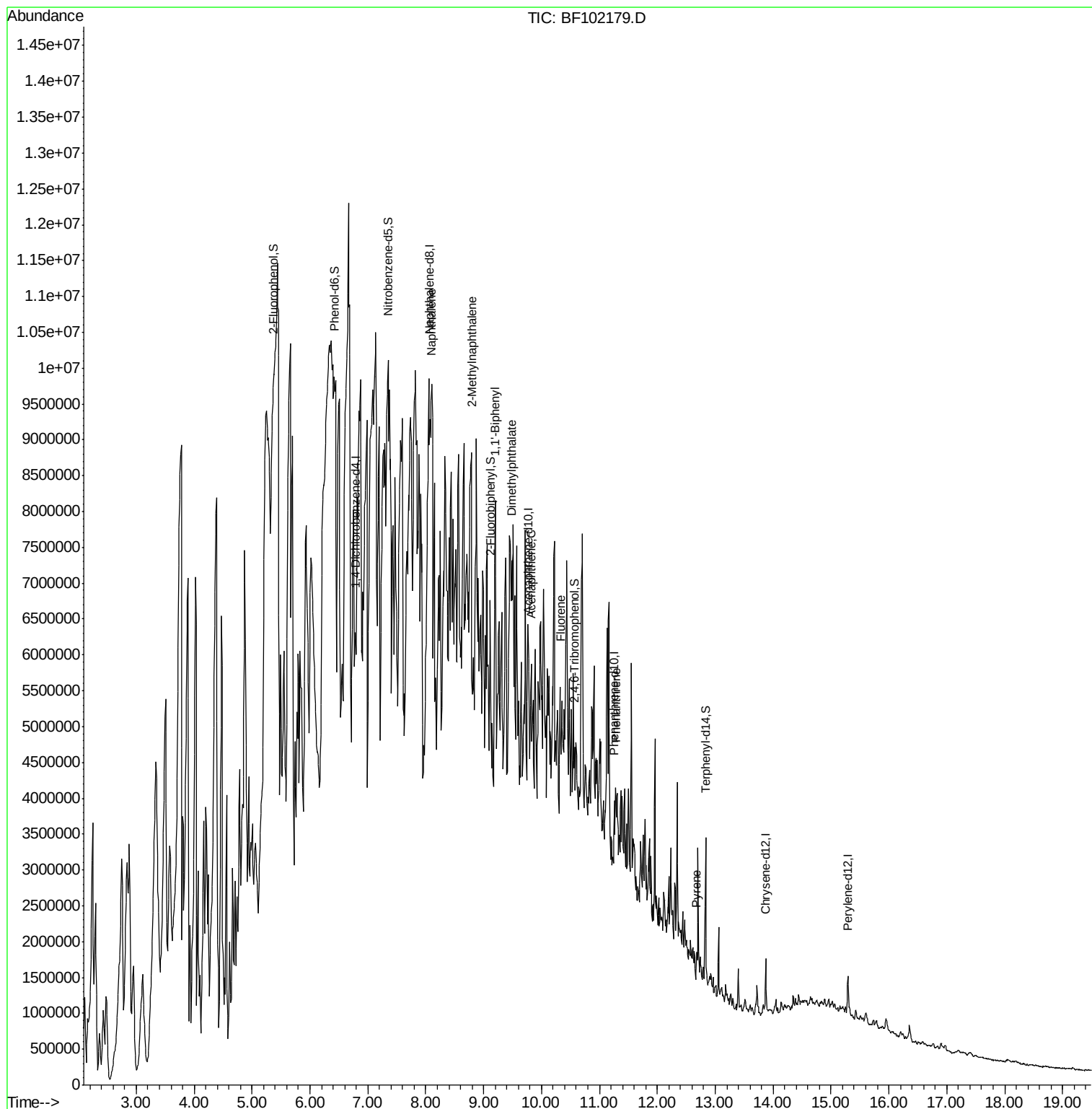
Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102179.D
Acq On : 18 Jan 2018 5:29
Operator : SJ/JU
Sample : J1144-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

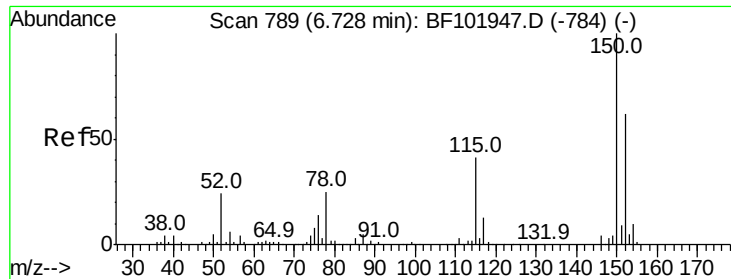
Instrument :
BNA_F
ClientSampleId :
IGW-6

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1/18/2018 11:12:53 AM

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#1

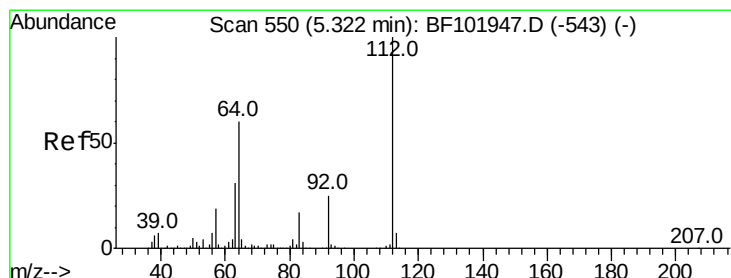
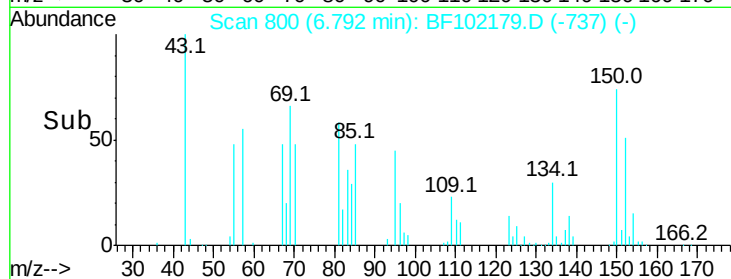
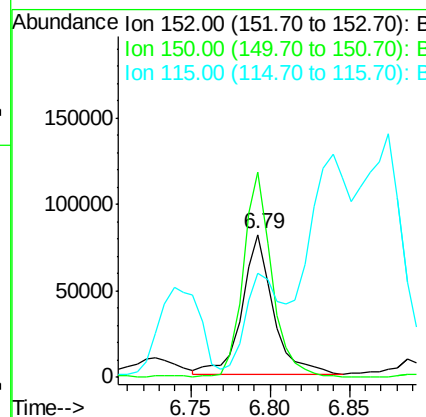
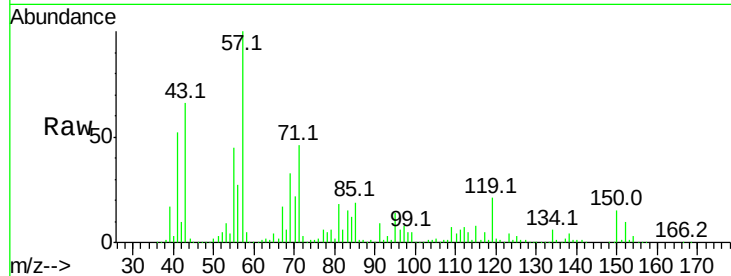
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.07 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Instrument :
 BNA_F
 ClientSampled :
 IGW-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	124.6	186.8
115	72.9	50.1	75.1

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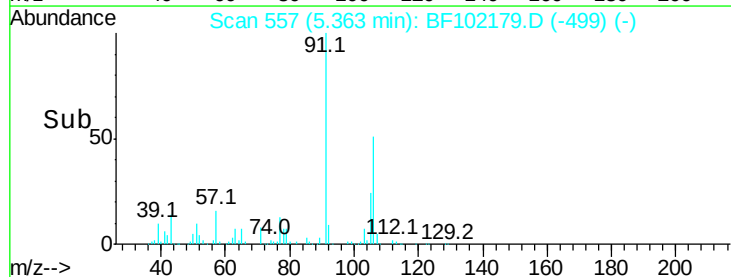
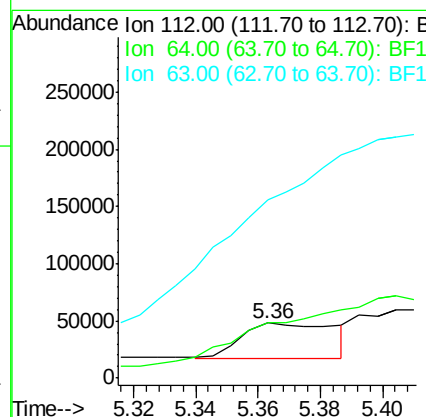
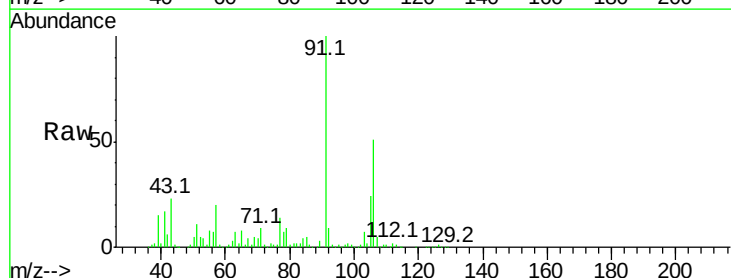
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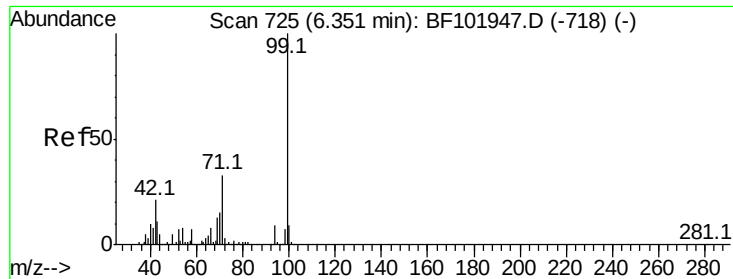


#5

2-Fluorophenol
 Concen: 8.401 ng m
 RT: 5.36 min Scan# 557
 Delta R.T. 0.04 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	100.3	47.9	71.9#
63	324.7	23.7	35.5#





#7

Phenol-d6

Concen: 34.543 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.05 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

ClientSampled :

IGW-6

Tot Ion: 99 Resp: 319085

Ion Ratio Lower Upper

99 100

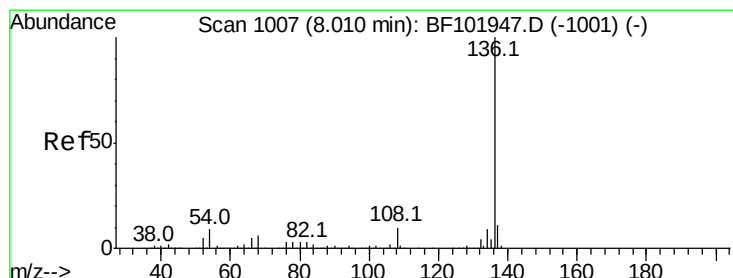
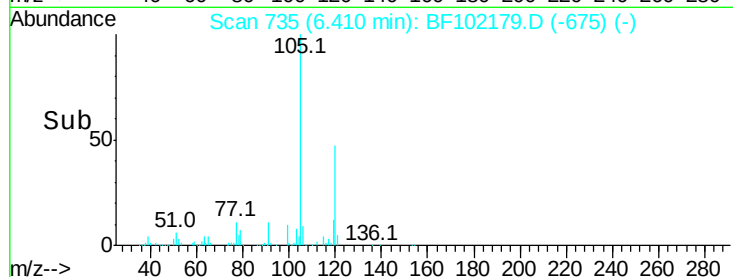
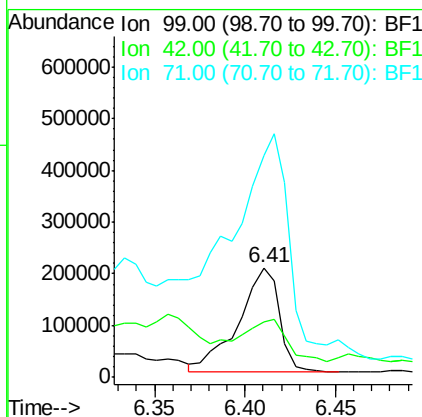
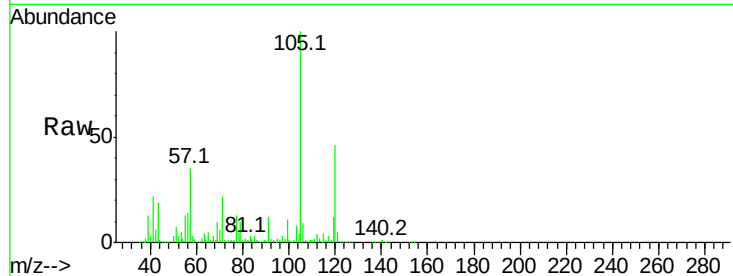
42 51.1 14.5 21.7#

71 202.8 25.4 38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.05 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Tgt Ion: 136 Resp: 68450

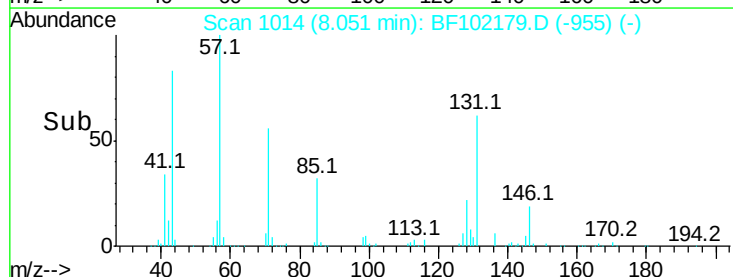
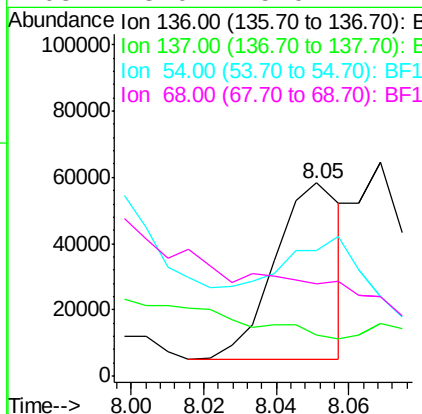
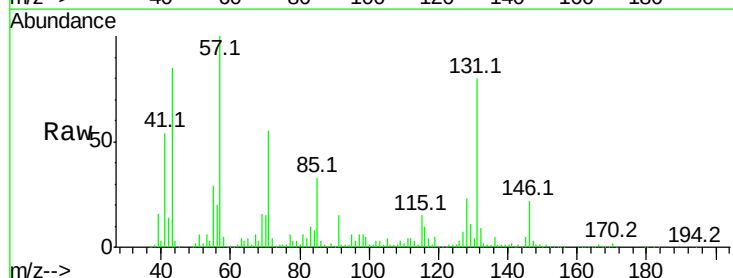
Ion Ratio Lower Upper

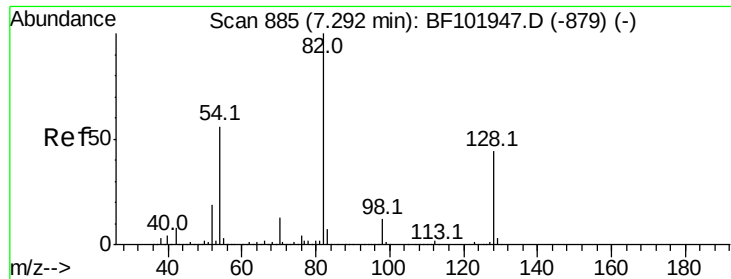
136 100

137 21.4 8.9 13.3#

54 65.0 6.6 9.8#

68 48.0 5.0 7.4#





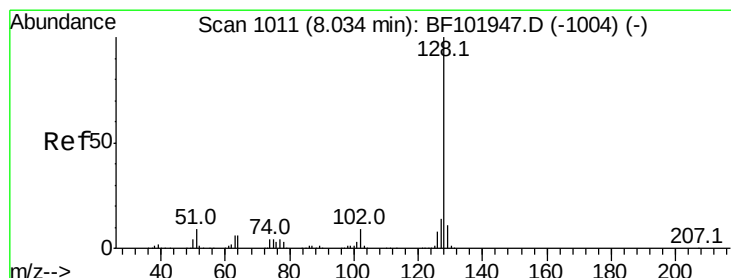
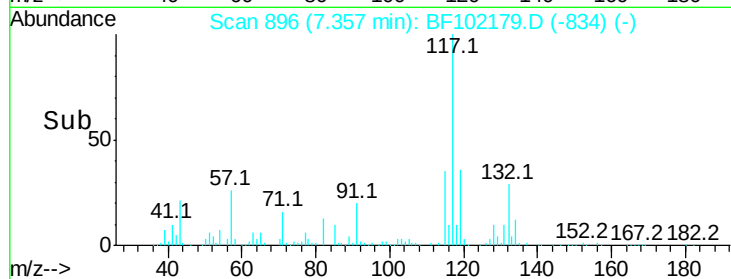
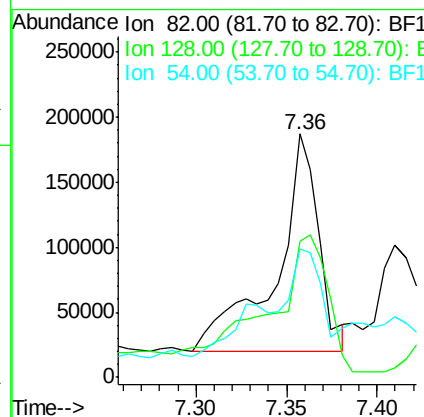
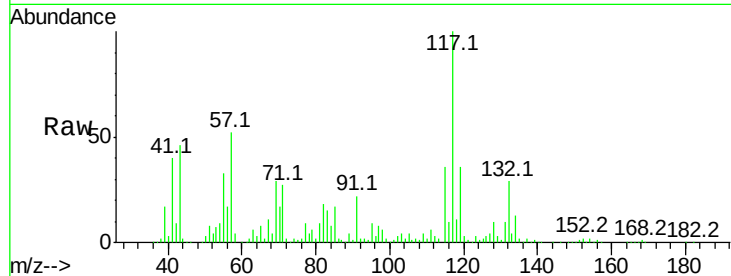
#23
Nitrobenzene-d5
Concen: 235.953 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.06 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Instrument :
BNA_F
ClientSampled :
IGW-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	55.7	36.1	54.1#
54	52.5	41.4	62.2

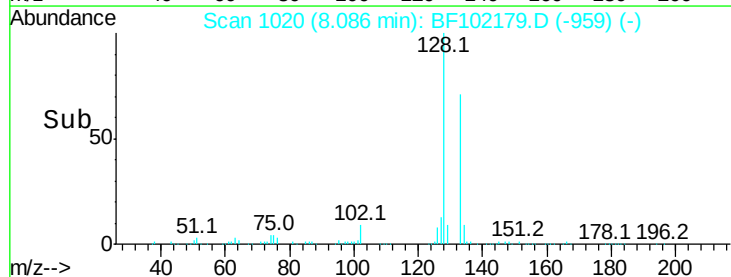
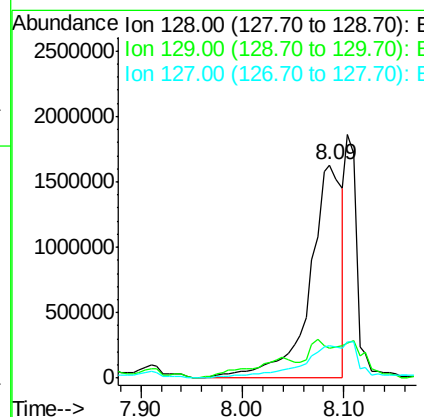
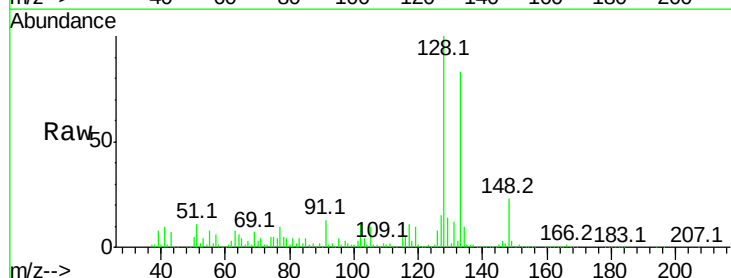
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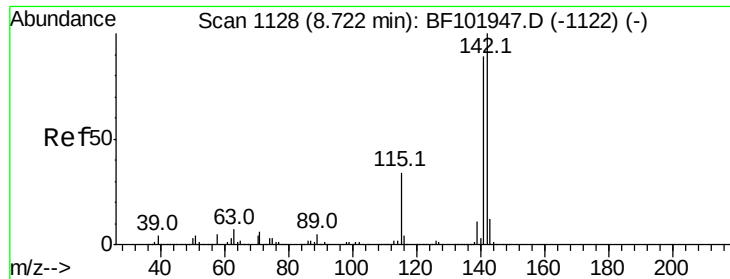
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#31
Naphthalene
Concen: 1045.659 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.06 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.0	8.8	13.2#
127	15.0	10.9	16.3





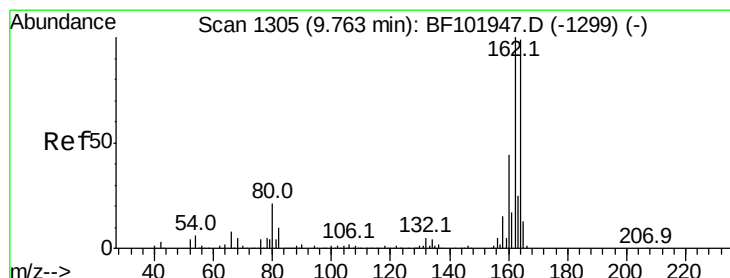
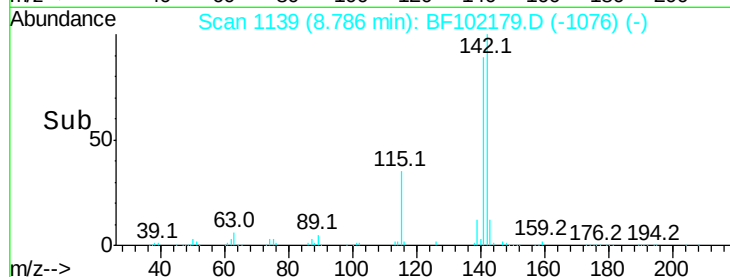
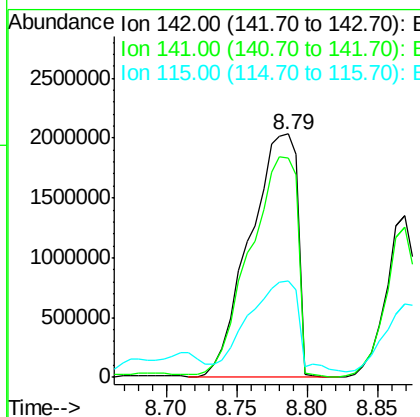
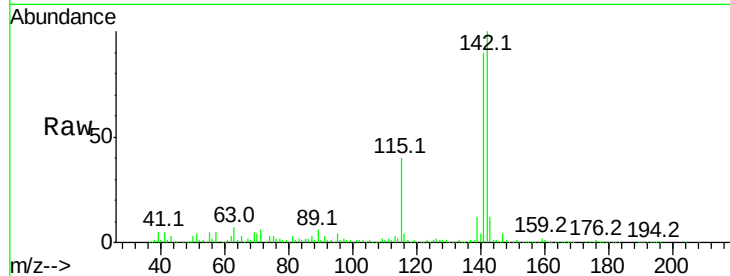
#37
2-Methylnaphthalene
Concen: 2130.996 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.07 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Instrument :
BNA_F
ClientSampled :
IGW-6

Tot Ion:142 Resp: 4798369
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 39.8 26.1 39.1#

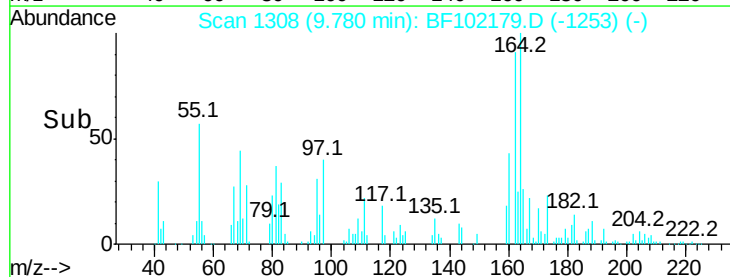
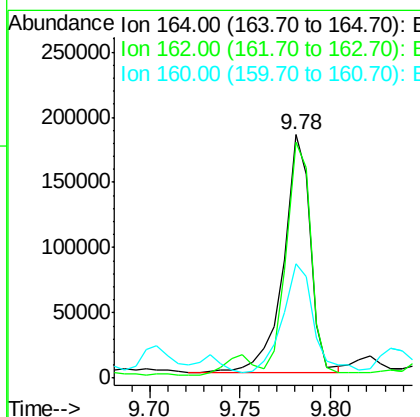
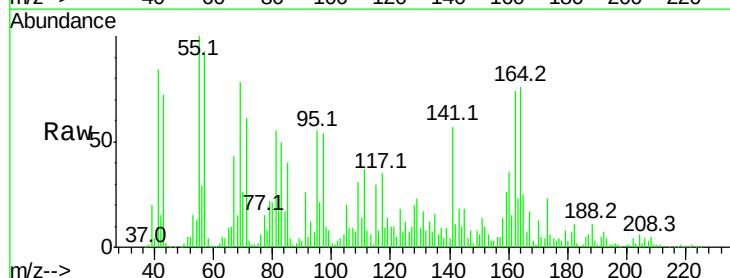
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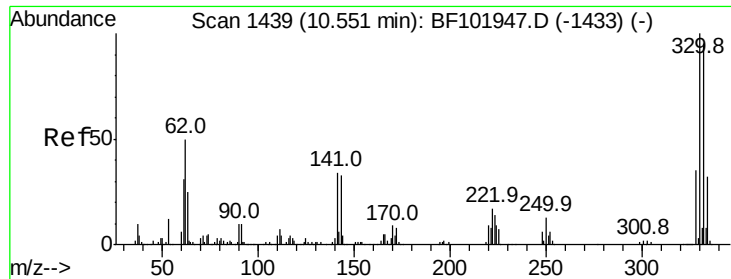
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion:164 Resp: 191708
Ion Ratio Lower Upper
164 100
162 97.2 86.1 129.1
160 47.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 103.507 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.02 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

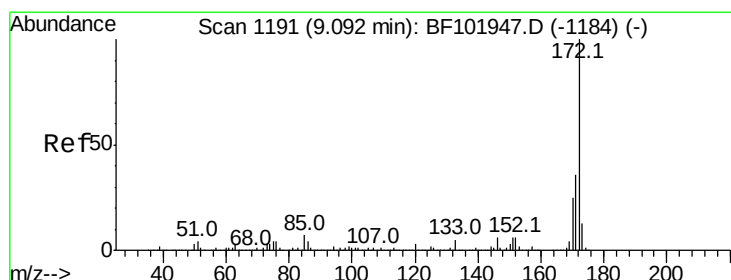
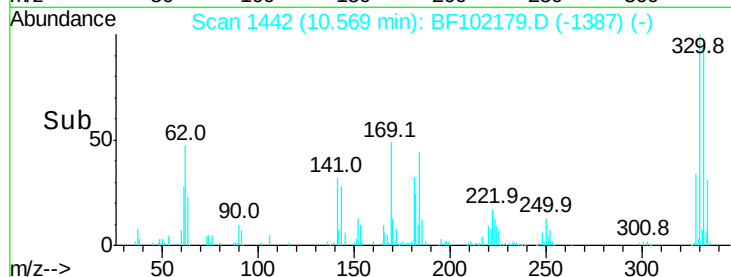
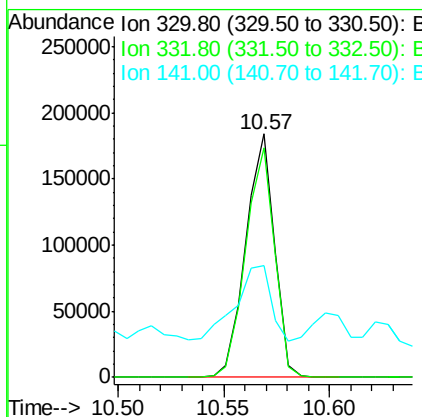
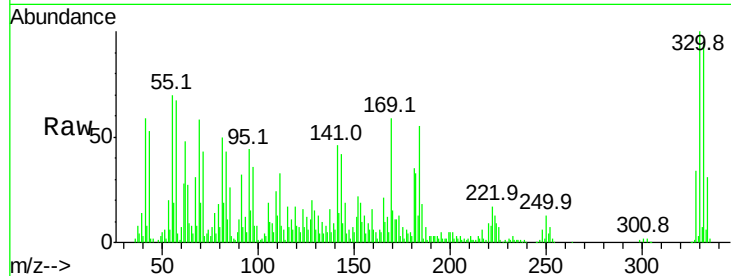
ClientSampled :

IGW-6

Tot Ion:	330	Resp:	173169
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	38.4	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 73.704 ng

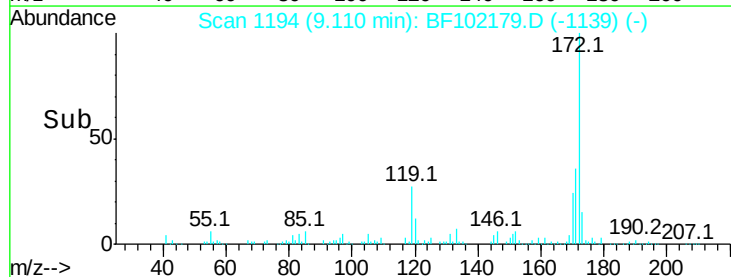
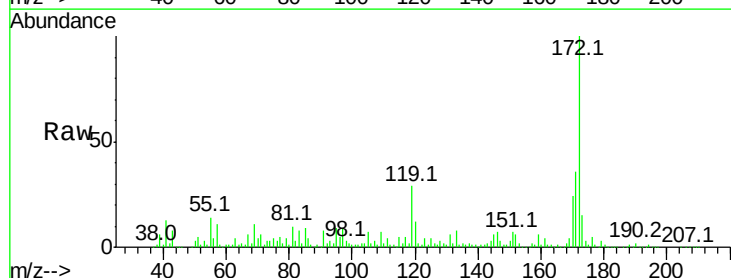
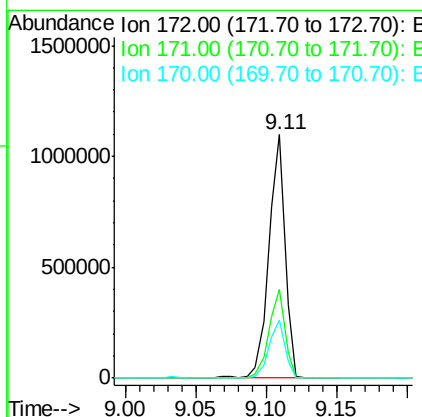
RT: 9.11 min Scan# 1194

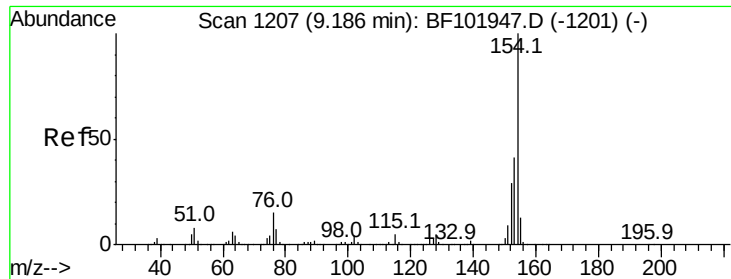
Delta R.T. 0.02 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Tgt Ion:	172	Resp:	904431
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 20.522 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.02 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

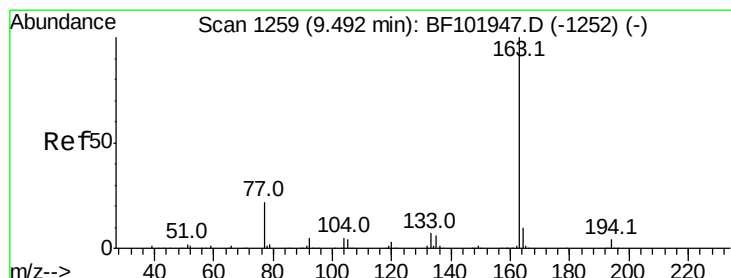
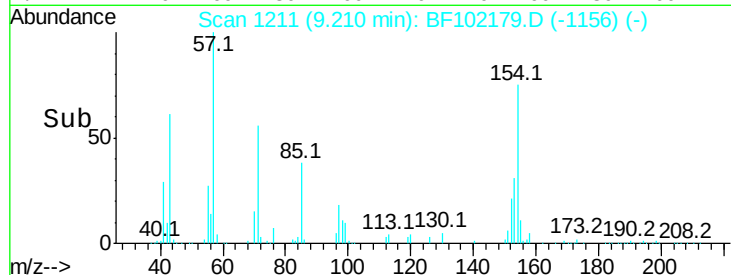
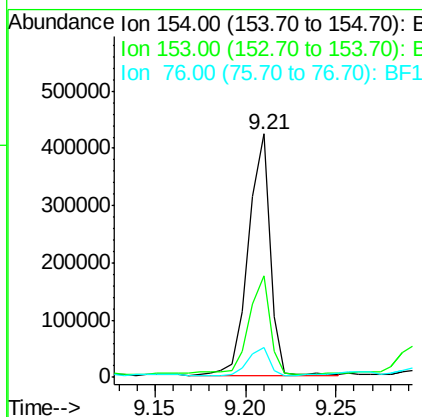
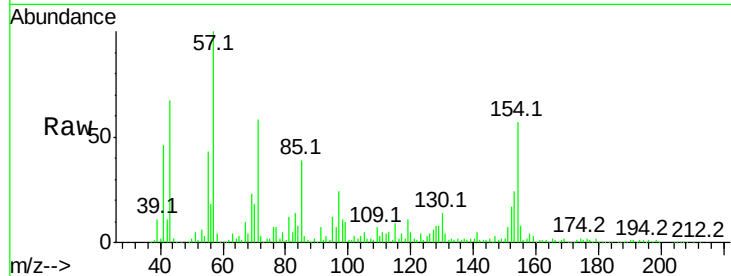
ClientSampled :

IGW-6

Tot Ion:	154	Resp:	347750
Ion Ratio	Lower	Upper	
154	100		
153	41.7	21.3	61.3
76	12.4	0.0	34.0

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#49

Dimethylphthalate

Concen: 5.138 ng m

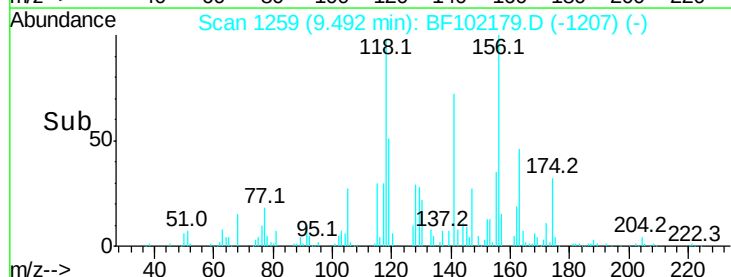
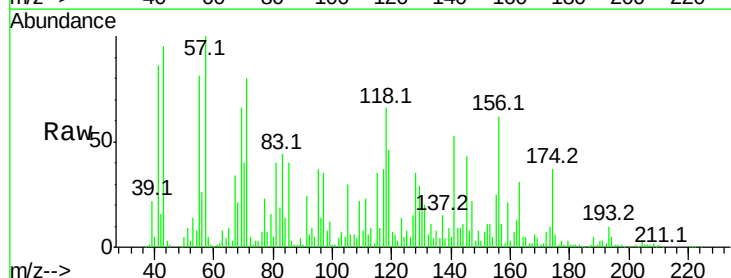
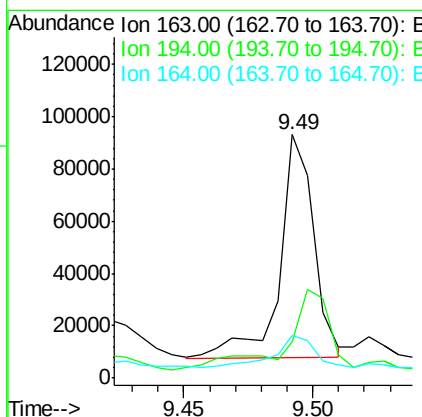
RT: 9.49 min Scan# 1259

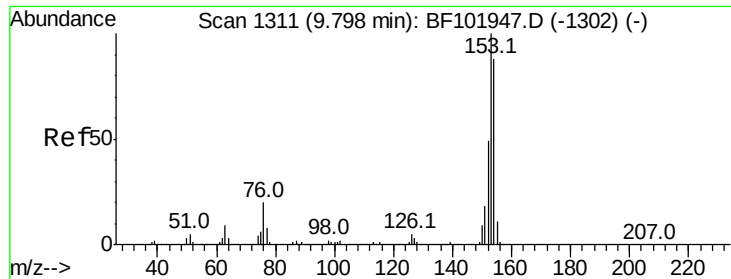
Delta R.T. 0.01 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Tgt Ion:	163	Resp:	79024
Ion Ratio	Lower	Upper	
163	100		
194	15.0	2.7	4.1#
164	17.6	8.2	12.2#





#51

Acenaphthene

Concen: 7.082 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.02 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

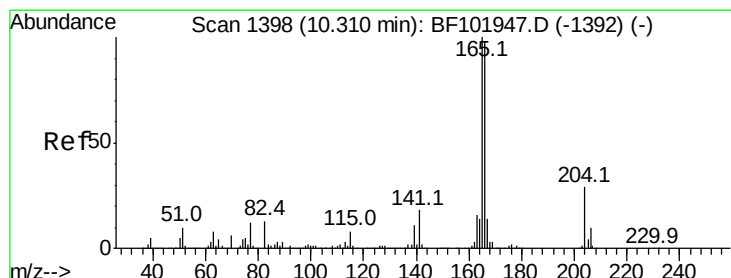
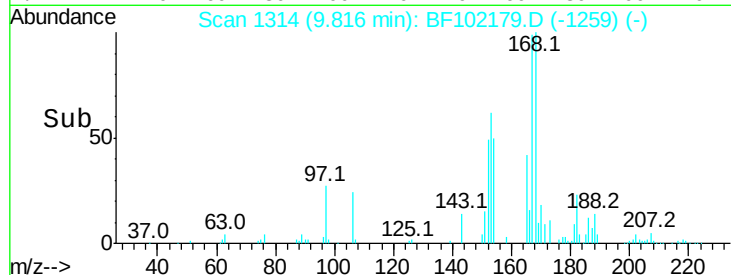
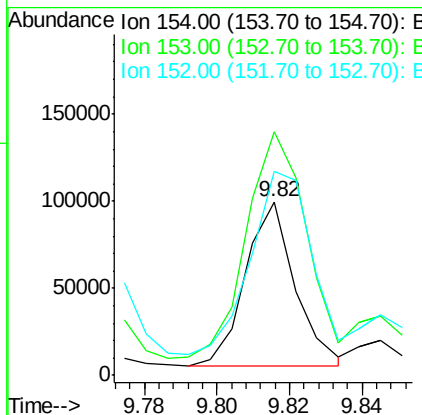
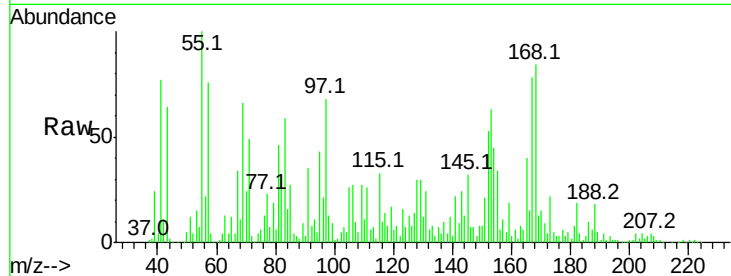
ClientSampleId :

IGW-6

Tot Ion	Ratio	Lower	Upper
154	100		
153	140.1	91.2	136.8#
152	117.5	43.8	65.8#

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#57

Fluorene

Concen: 20.825 ng

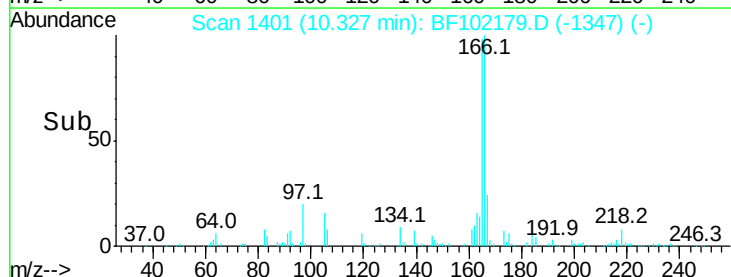
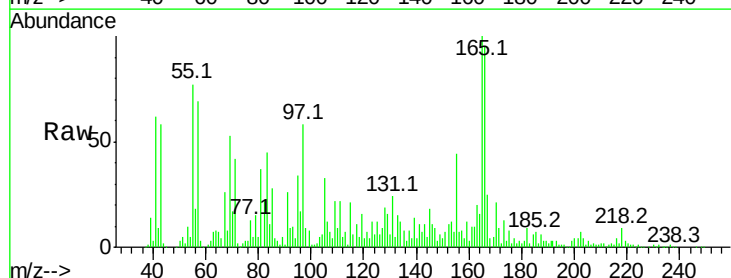
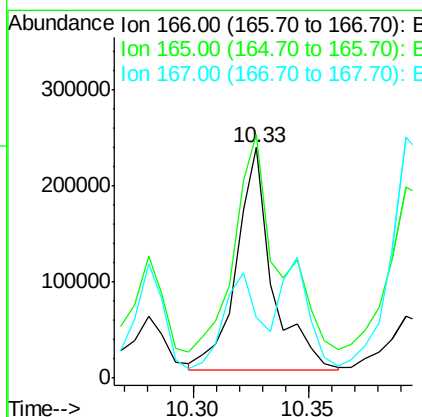
RT: 10.33 min Scan# 1401

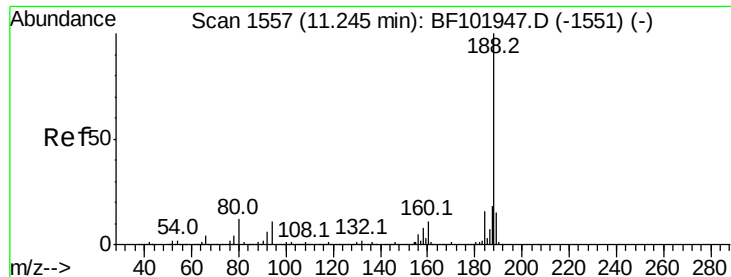
Delta R.T. 0.02 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.6	79.8	119.8
167	26.3	10.6	16.0#





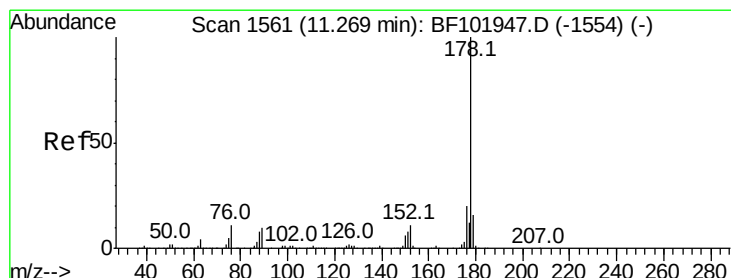
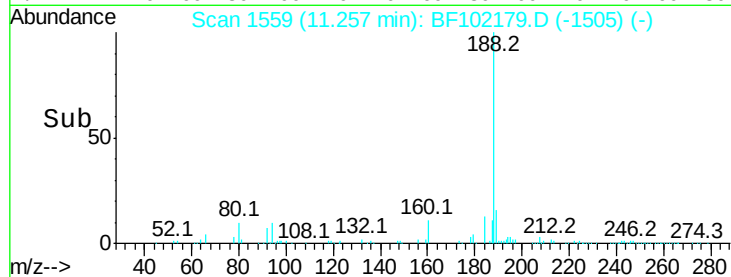
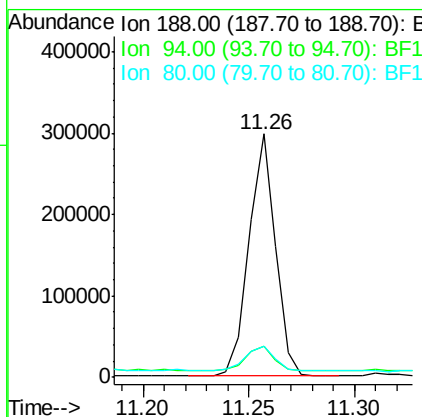
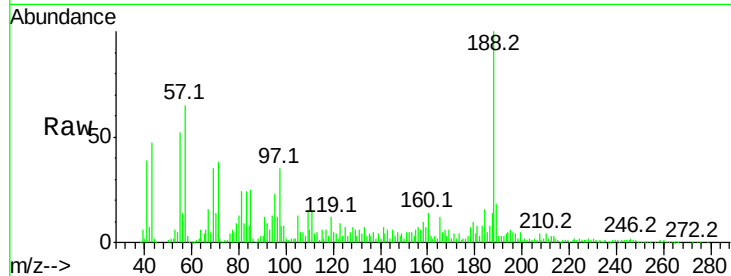
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.02 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Instrument :
BNA_F
ClientSampleId :
IGW-6

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.0	8.5	12.7#
80	12.9	9.2	13.8

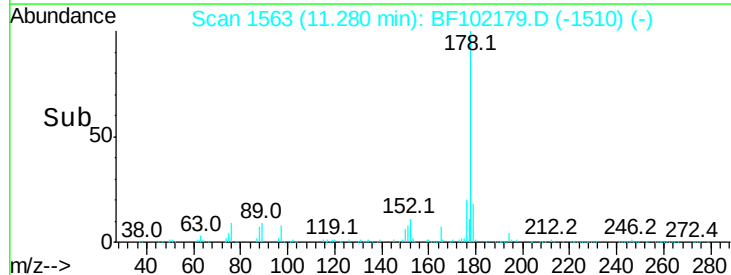
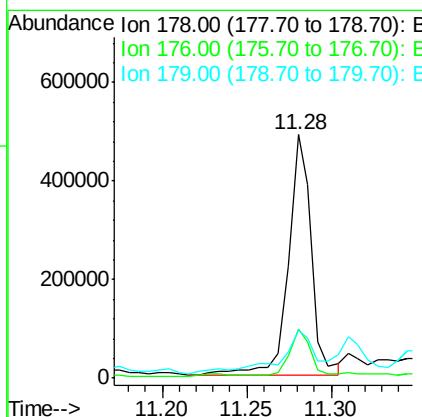
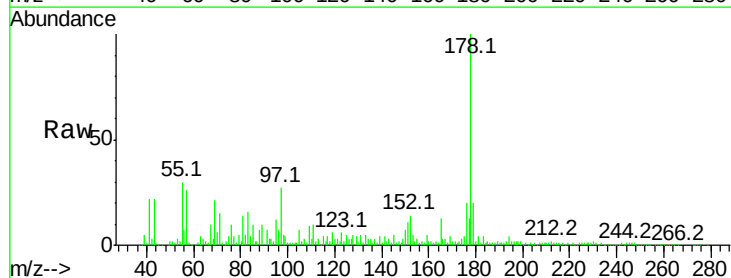
Manual Integrations
APPROVED

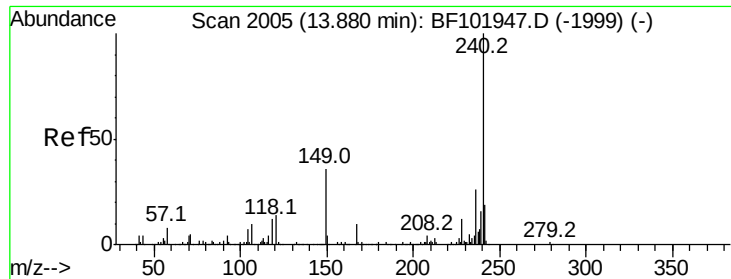
Sohil
1/18/2018 11:12:53 AM



#70
Phenanthrene
Concen: 30.998 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.3	15.8	23.8
179	19.7	13.0	19.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

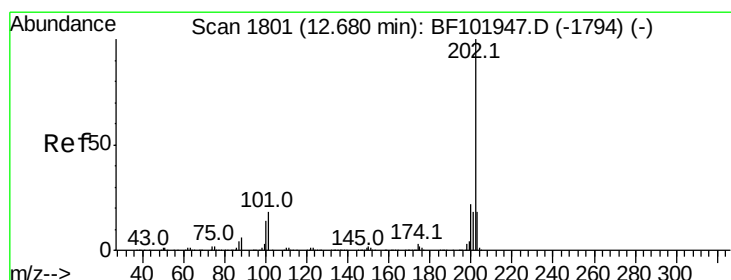
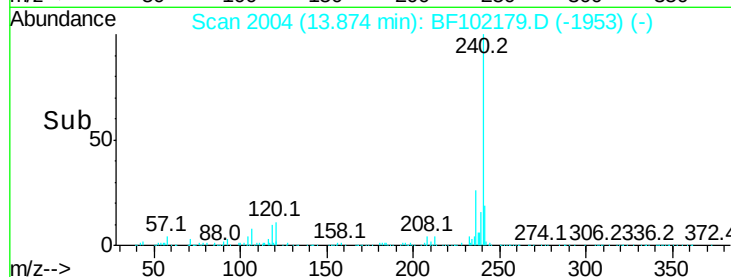
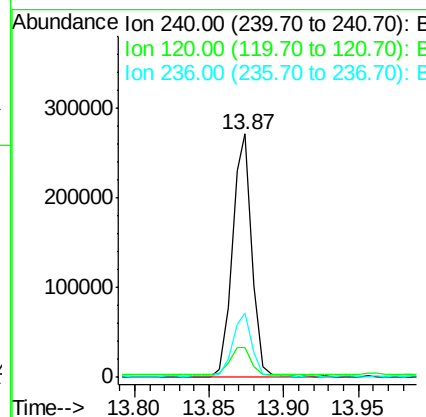
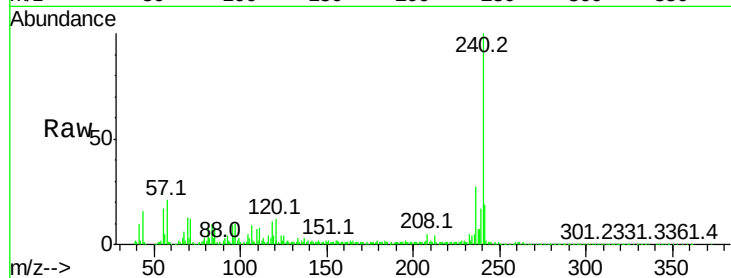
ClientSampleId :

IGW-6

Tot Ion:	240	Resp:	249025
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	26.5	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 4.707 ng

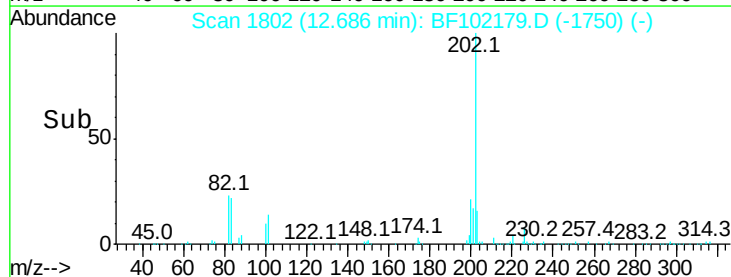
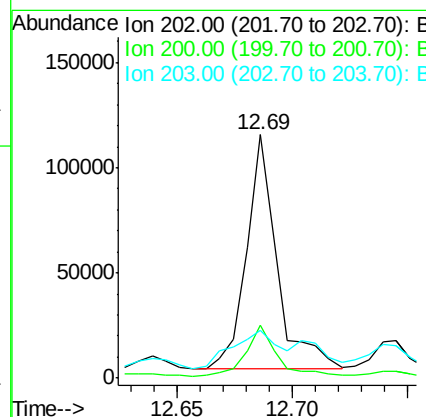
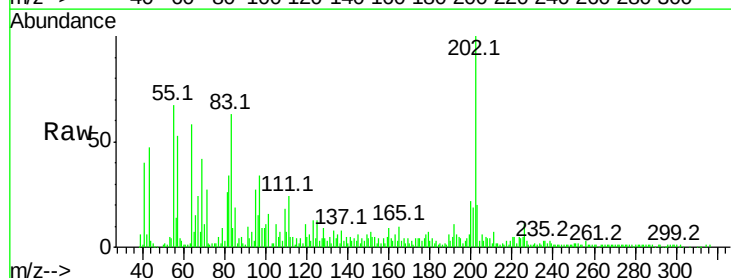
RT: 12.69 min Scan# 1802

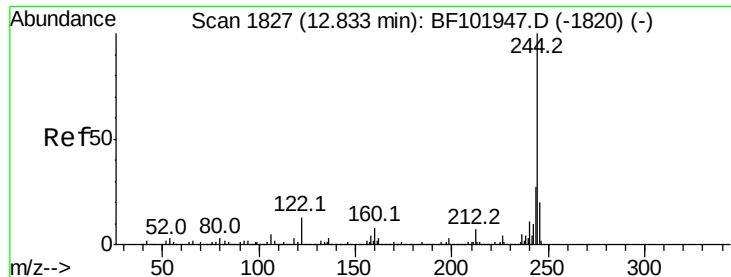
Delta R.T. 0.01 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Tgt Ion:	202	Resp:	103607
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	19.7	14.3	21.5





#78

Terphenyl-d14

Concen: 59.370 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

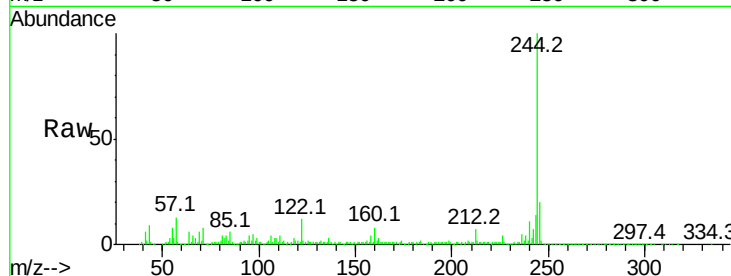
ClientSampled :

IGW-6

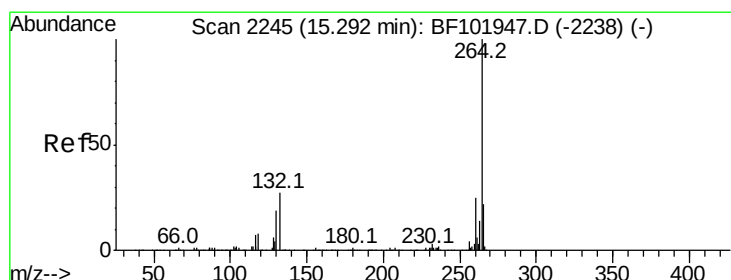
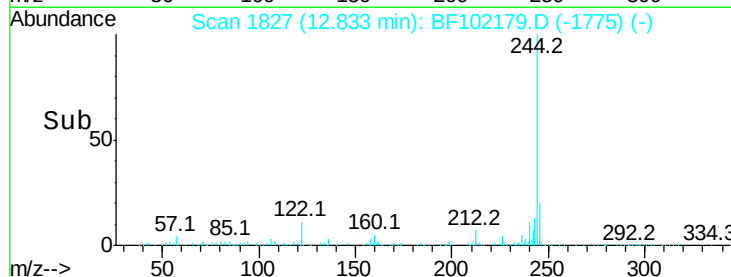
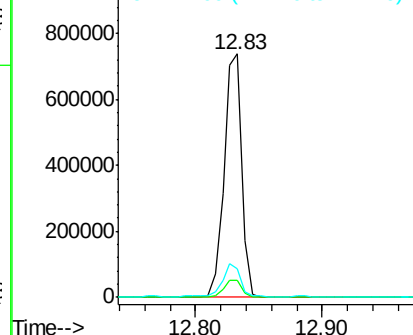
Tot Ion:	244	Resp:	712074
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	11.6	11.0	16.4

Manual Integrations
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1/18/2018 11:12:53 AM



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

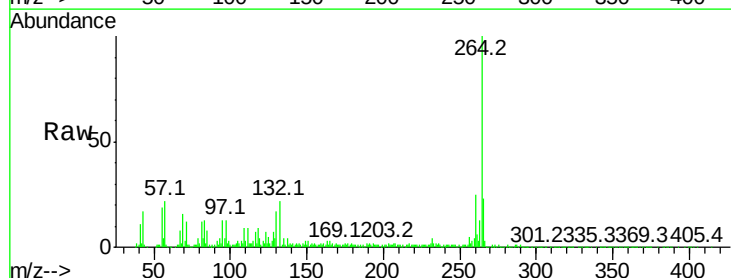
RT: 15.29 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Tgt Ion:	264	Resp:	238743
Ion Ratio	Lower	Upper	
264	100		
260	24.7	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

