

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
 Data File : BF102057.D
 Acq On : 12 Jan 2018 21:45
 Operator : SJ/JU
 Sample : J1015-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-011118-D

Manual Integrations
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Quant Time: Jan 13 00:52:49 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	215505	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	793770	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	295025	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	419639	20.00	ng	0.00
75) Chrysene-d12	13.89	240	363776	20.00	ng	0.00
86) Perylene-d12	15.31	264	318740	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1649566	108.09	ng	0.02
7) Phenol-d6	6.37	99	1927783	105.87	ng	0.01
23) Nitrobenzene-d5	7.30	82	1191932	88.24	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	273217	106.12	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1429243	75.68	ng	0.00
78) Terphenyl-d14	12.83	244	892035	50.91	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.38	94	106515	5.176	ng	99
49) Dimethylphthalate	9.48	163	236157	9.978	ng	100
51) Acenaphthene	9.80	154	77625	3.985	ng	99
54) Dibenzofuran	9.97	168	67312	2.518	ng	99
57) Fluorene	10.31	166	121353	6.567	ng	99
70) Phenanthrene	11.27	178	823460	33.593	ng	98
71) Anthracene	11.32	178	243403	9.791	ng	99
72) Carbazole	11.47	167	110255	4.512	ng	99
74) Fluoranthene	12.46	202	983793	40.792	ng	99
77) Pyrene	12.69	202	810428	25.203	ng	100
80) Benzo(a)anthracene	13.87	228	367624	15.839	ng	97
82) Chrysene	13.91	228	362663	14.985	ng	98
85) Indeno(1,2,3-cd)pyrene	16.68	276	102282	5.807	ng	98
87) Benzo(b)fluoranthene	14.90	252	354440m	17.054	ng	
88) Benzo(k)fluoranthene	14.92	252	118633m	5.917	ng	
89) Benzo(a)pyrene	15.24	252	234747	12.552	ng	# 94
91) Benzo(g,h,i)perylene	17.10	276	86227	5.736	ng	94

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

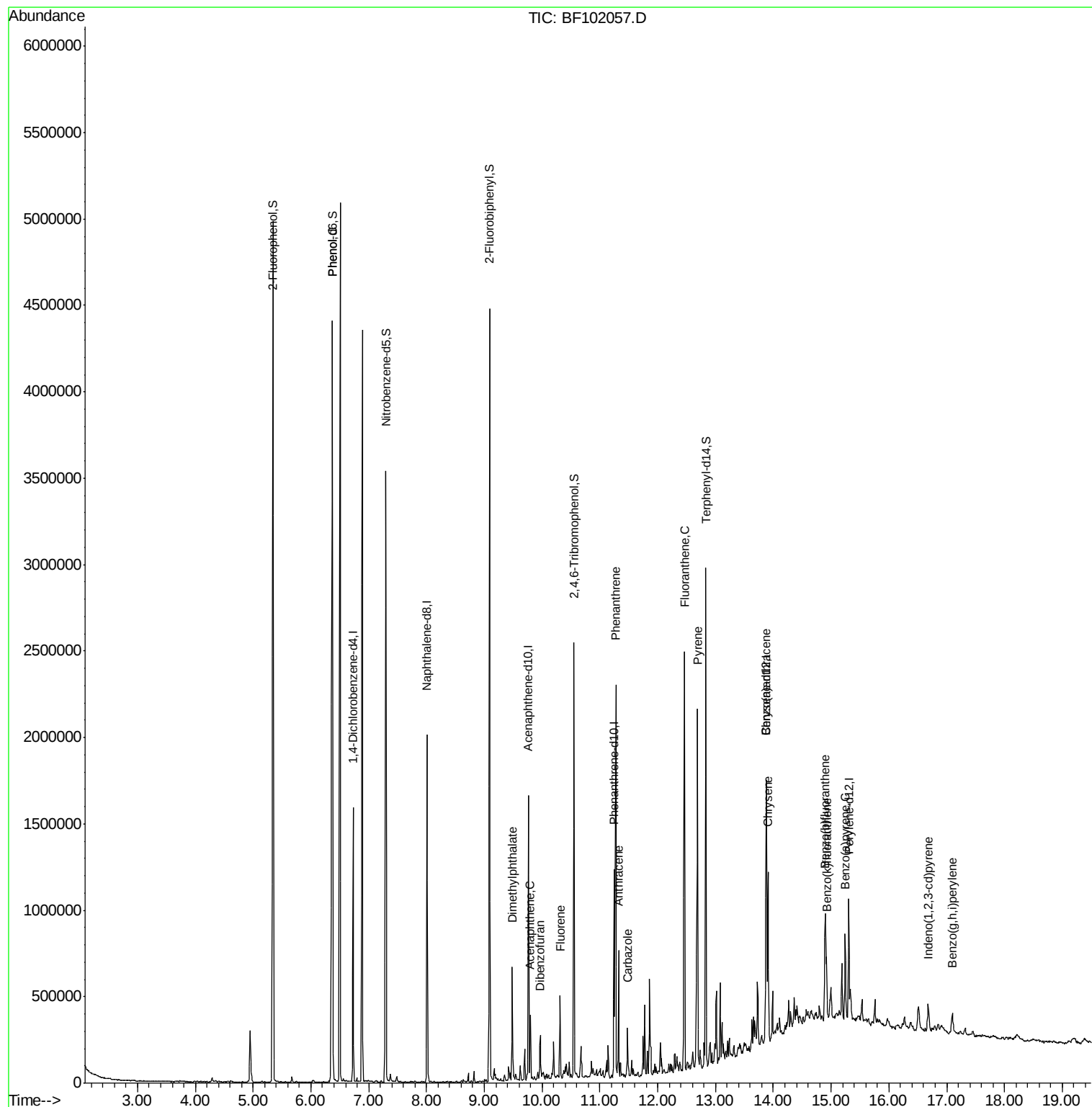
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102057.D
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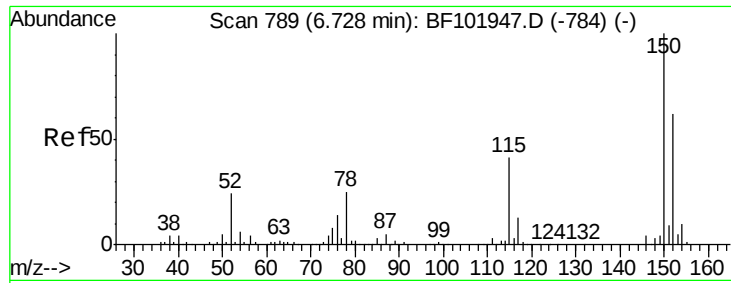
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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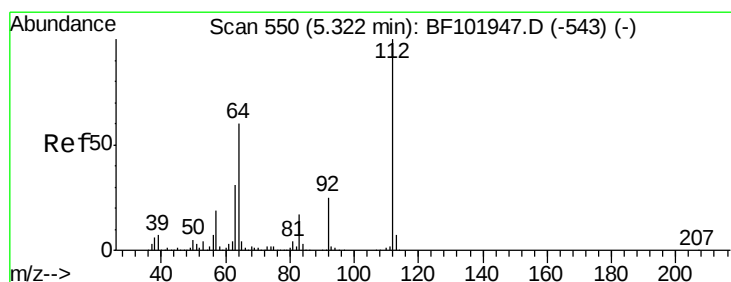
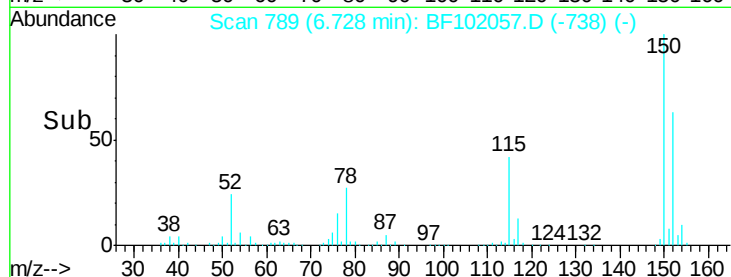
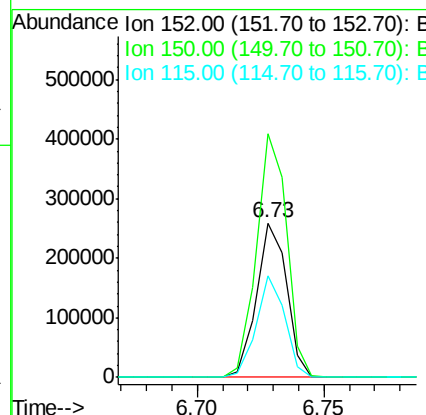
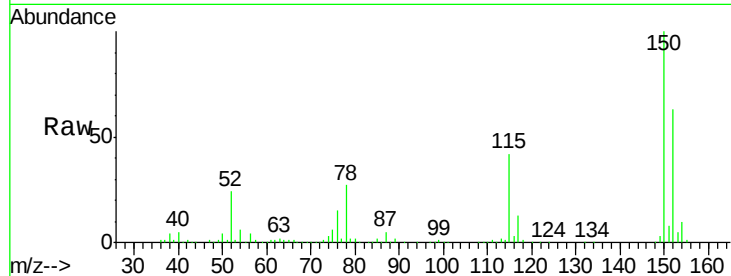
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-D

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	66.2	50.1	75.1

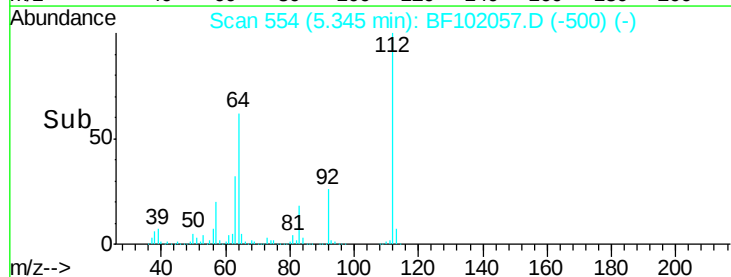
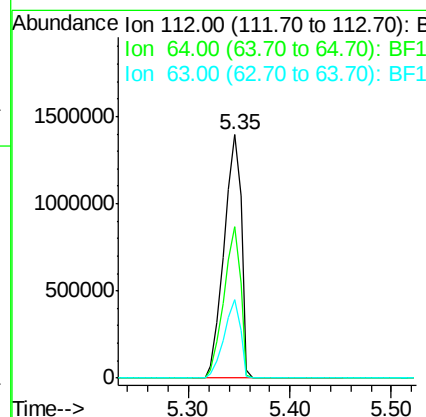
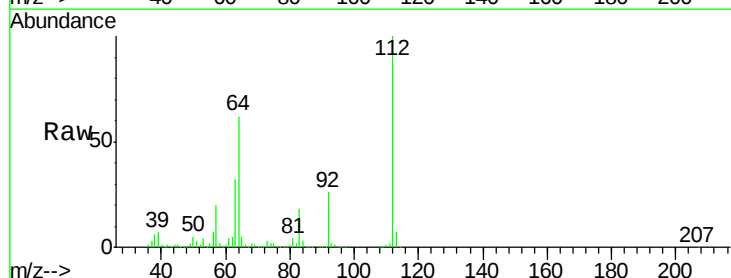
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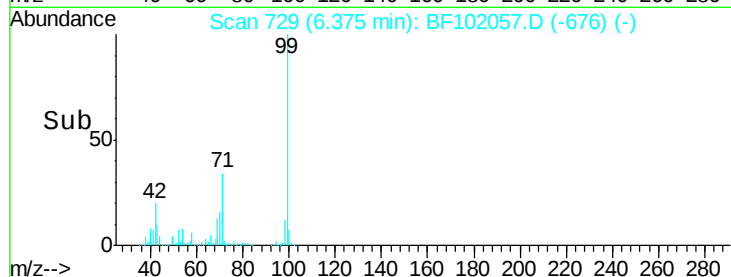
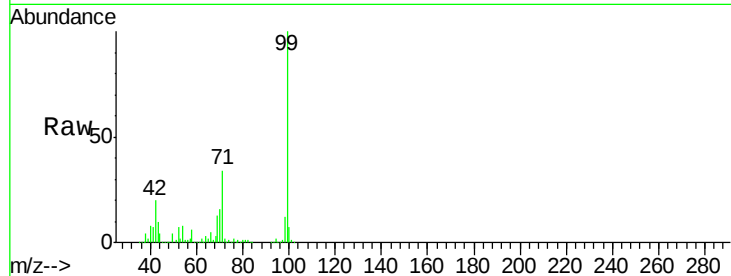
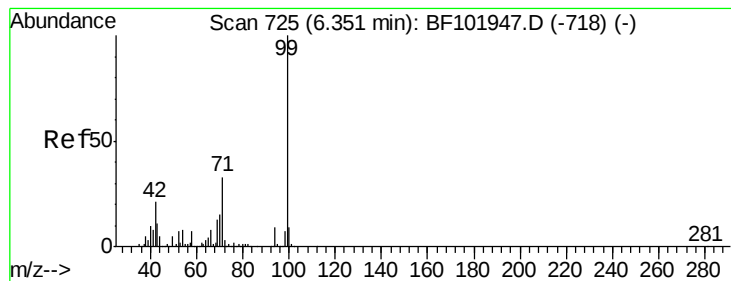
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#5
2-Fluorophenol
Concen: 108.087 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.9	71.9
63	32.3	23.7	35.5





#7

Phenol-d6

Concen: 105.872 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Tgt Ion	Ion	Ratio	Lower	Upper
99	100			
42	19.8	14.5	21.7	
71	33.9	25.4	38.0	

Instrument :

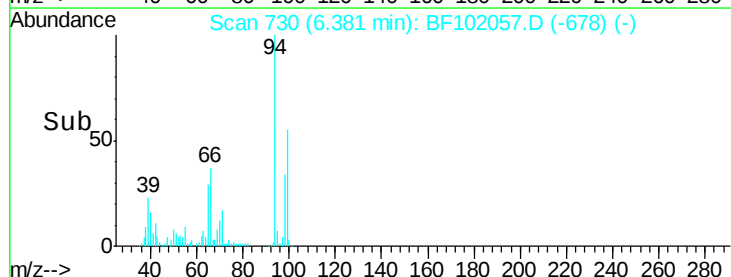
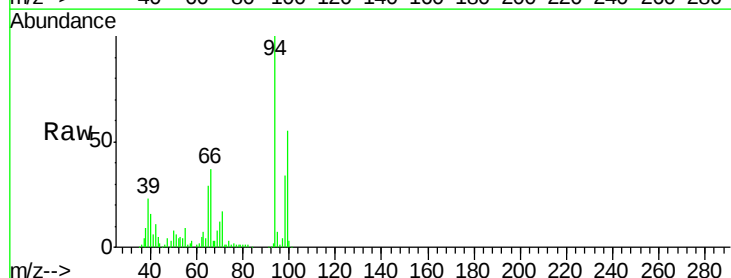
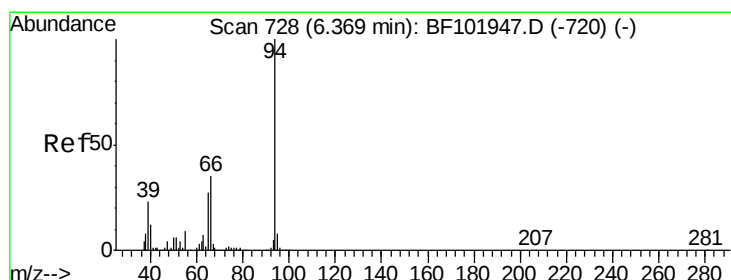
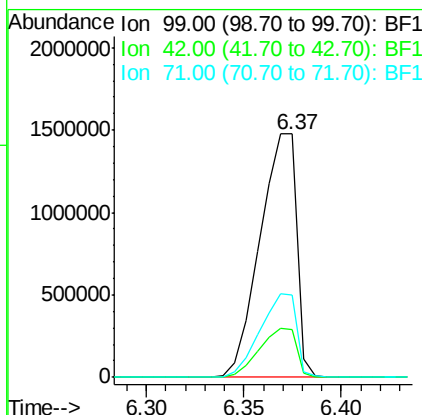
BNA_F

ClientSampleId :

CL-02-011118-D

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#10

Phenol

Concen: 5.176 ng

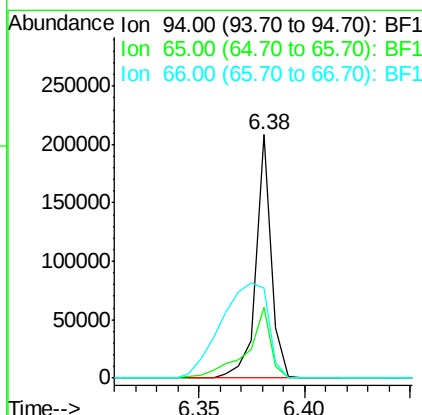
RT: 6.38 min Scan# 730

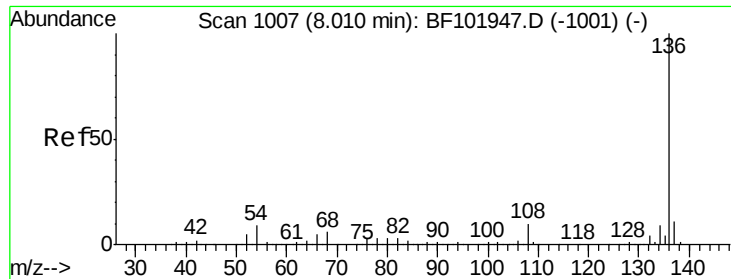
Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.0	7.9	47.9	
66	36.8	16.2	56.2	





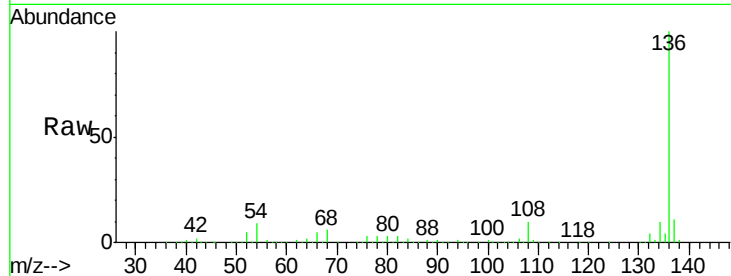
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-D

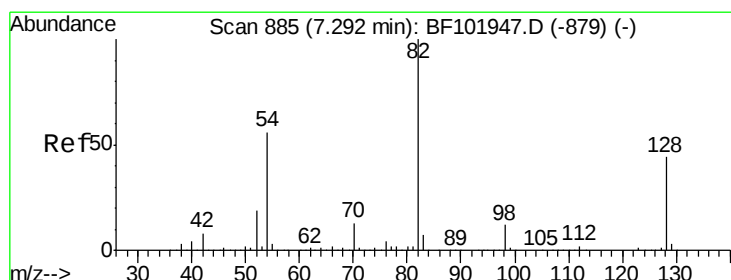
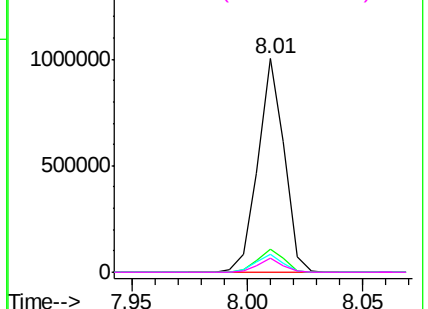
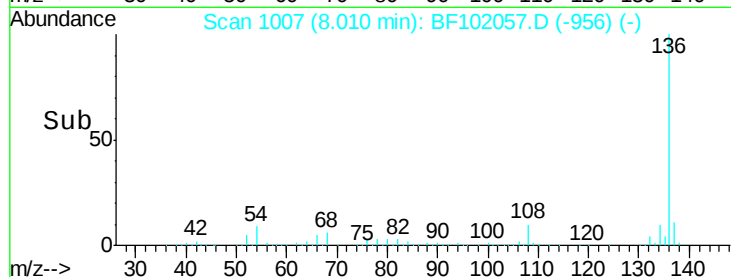
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	793770		
137	10.9	8.9	13.3	
54	8.7	6.6	9.8	
68	6.3	5.0	7.4	

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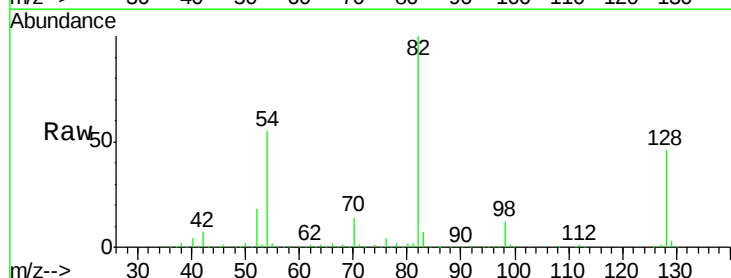


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

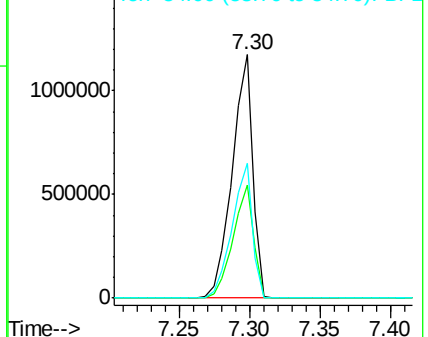
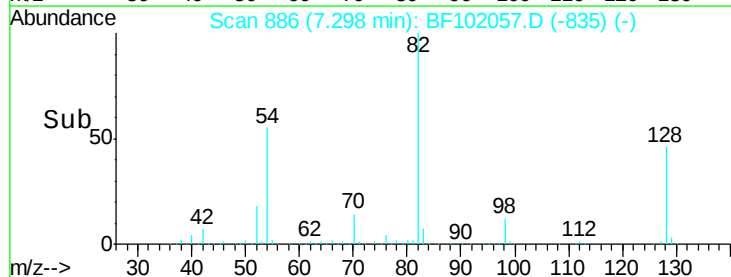


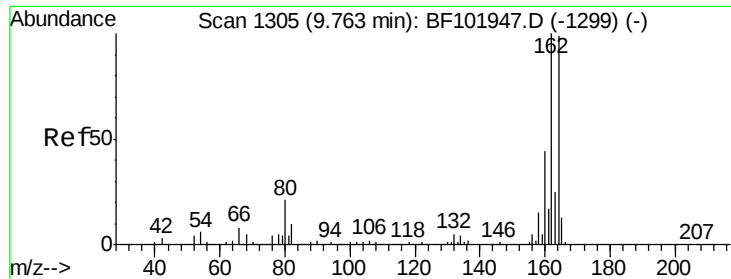
#23
Nitrobenzene-d5
Concen: 88.241 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1191932		
128	46.3	36.1	54.1	
54	55.5	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





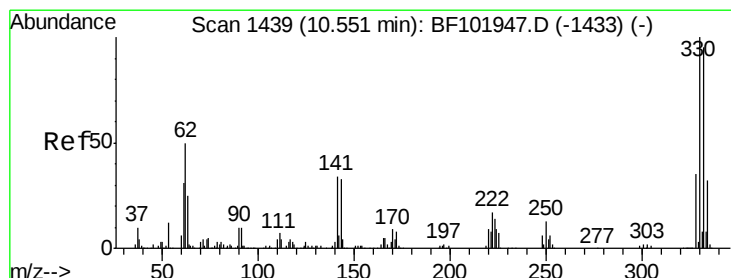
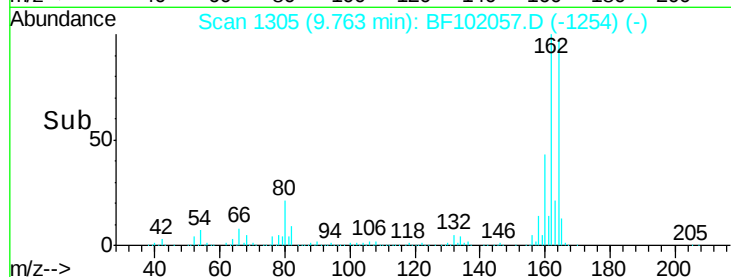
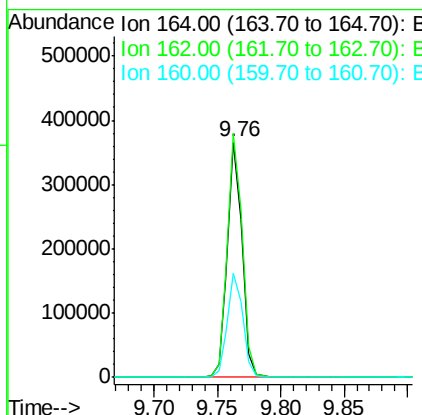
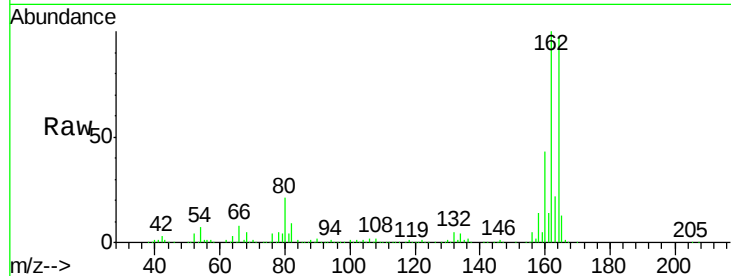
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Instrument :
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ClientSampleId :
CL-02-011118-D

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	295025		
162	103.6	86.1	129.1	
160	44.2	38.3	57.5	

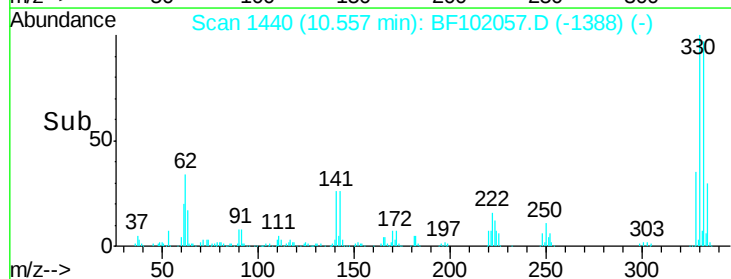
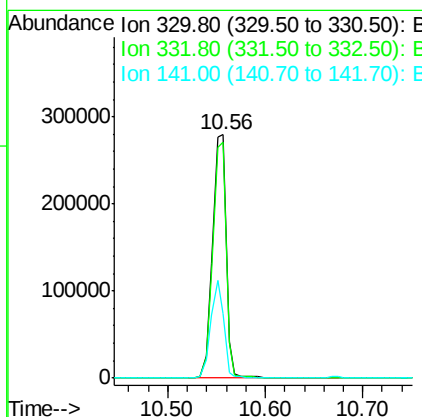
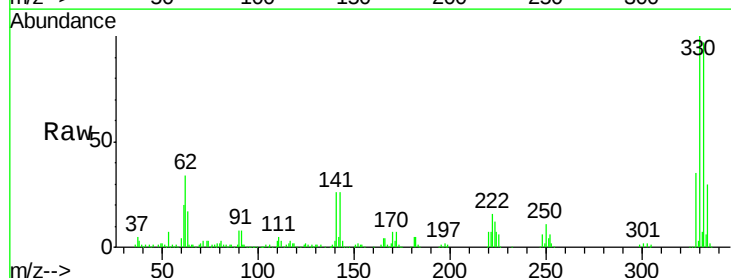
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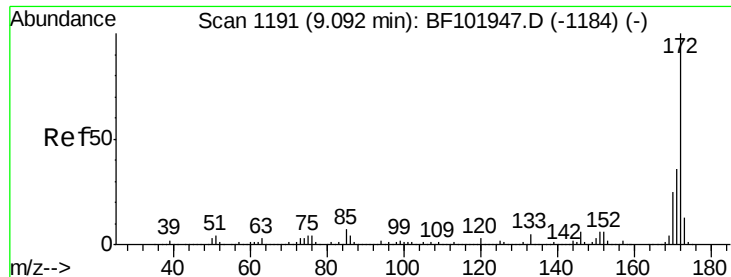
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#41
2,4,6-Tribromophenol
Concen: 106.118 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	273217		
332	95.4	77.0	115.6	
141	38.3	29.9	44.9	





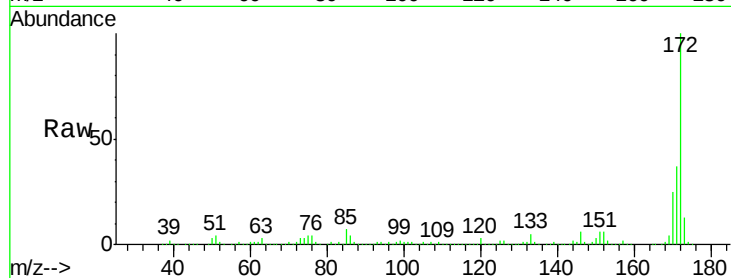
#44
2-Fluorobiphenyl
Concen: 75.684 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-D

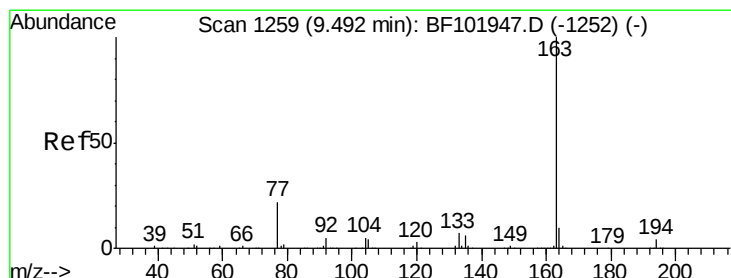
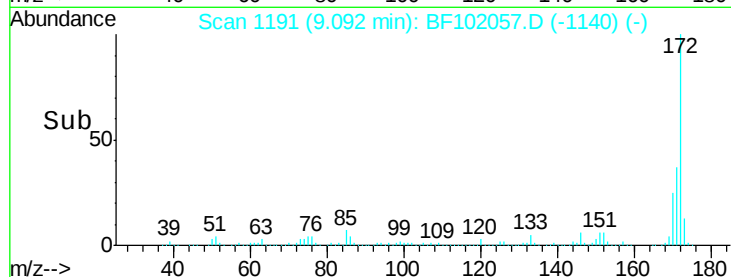
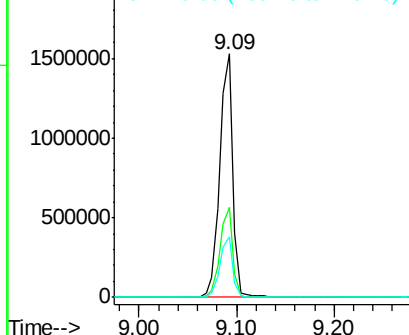
Tgt Ion:172 Resp: 1429243
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.9 19.6 29.4

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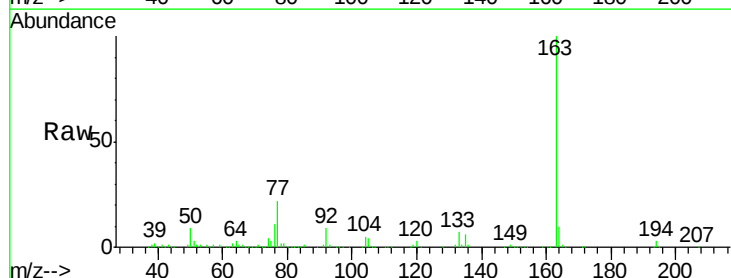


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

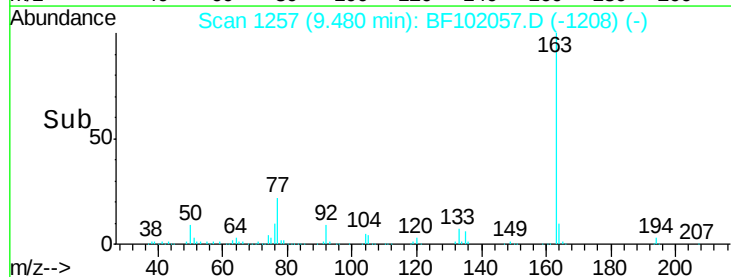
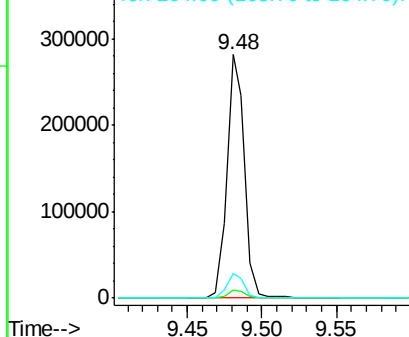


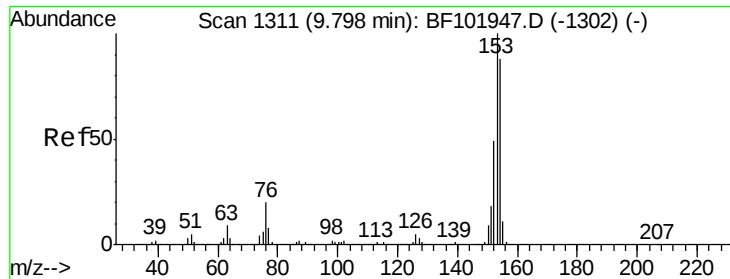
#49
Dimethylphthalate
Concen: 9.978 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion:163 Resp: 236157
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 8.2 12.2



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





#51

Acenaphthene

Concen: 3.985 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

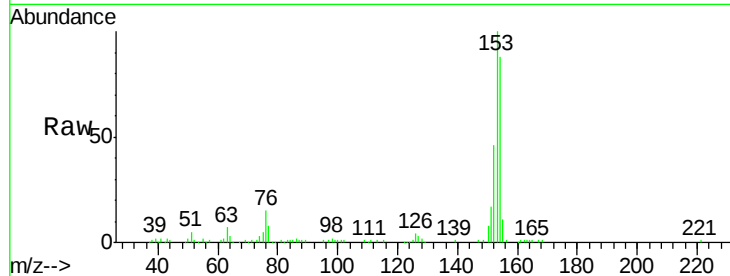
ClientSampleId :

CL-02-011118-D

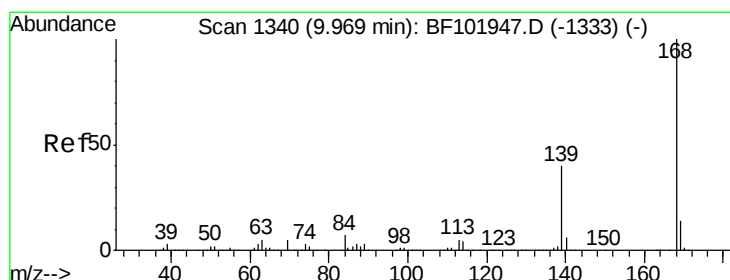
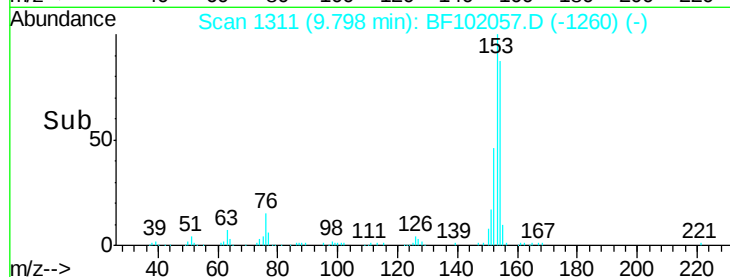
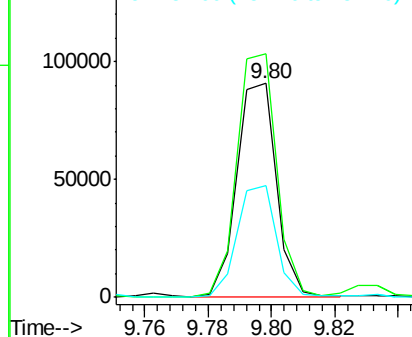
Tgt Ion:	154	Resp:	77625
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.2	136.8
152	52.3	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.518 ng

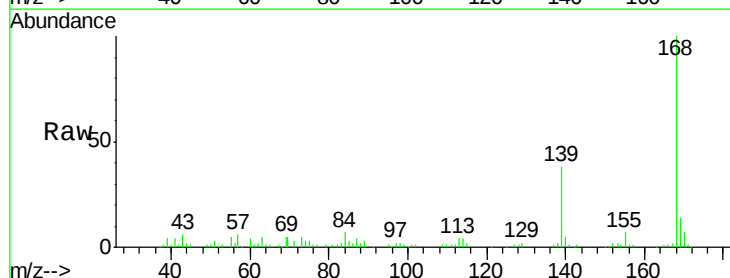
RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

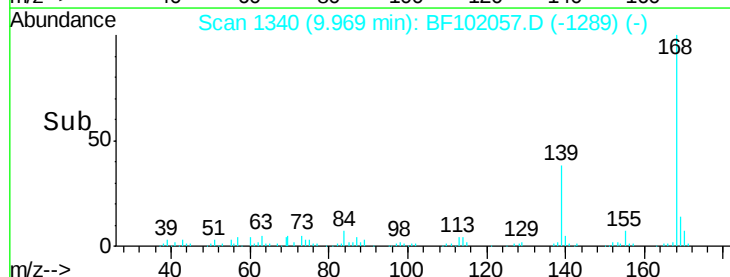
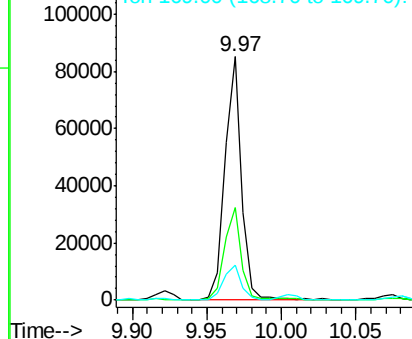
Lab File: BF102057.D

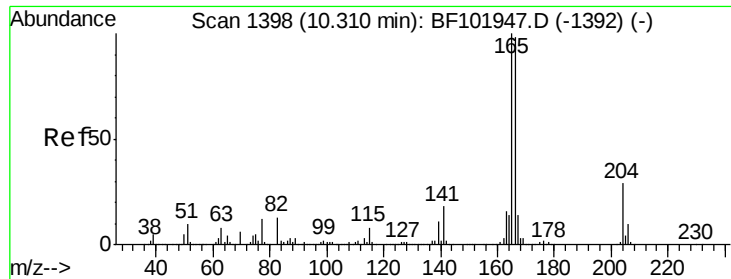
Acq: 12 Jan 2018 21:45

Tgt Ion:	168	Resp:	67312
Ion Ratio	Lower	Upper	
168	100		
139	37.8	30.1	45.1
169	14.5	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





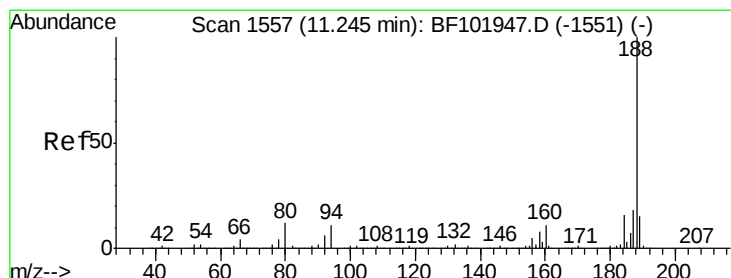
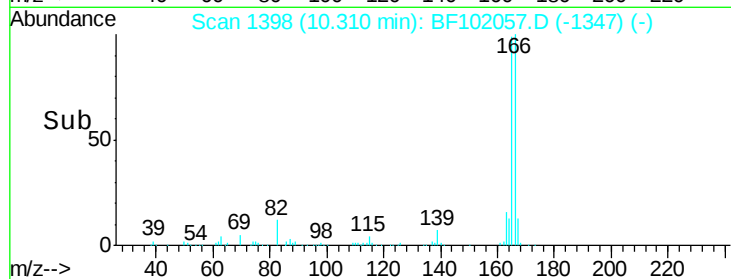
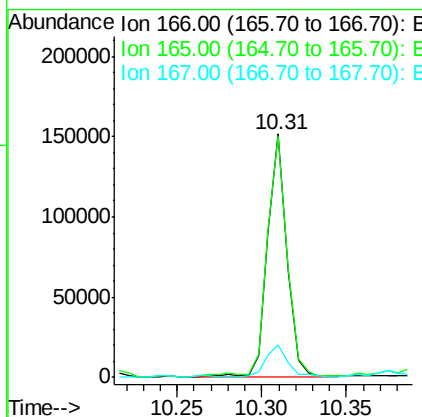
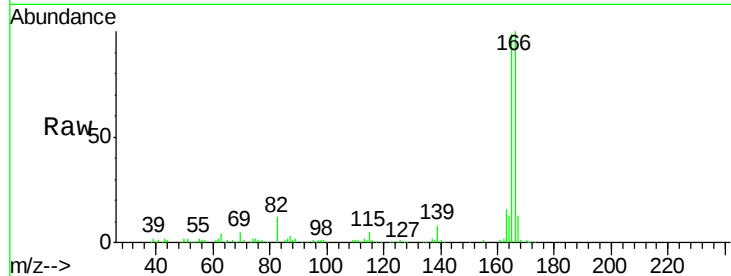
#57
Fluorene
 Concen: 6.567 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF102057.D
 Acq: 12 Jan 2018 21:45

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-011118-D

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	121353		
165	99.2	79.8	119.8	
167	13.1	10.6	16.0	

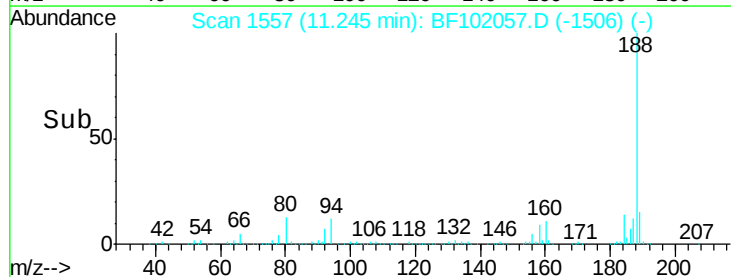
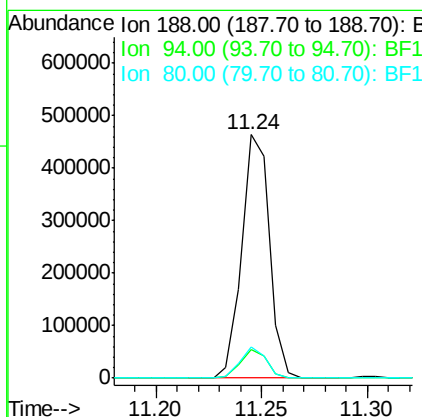
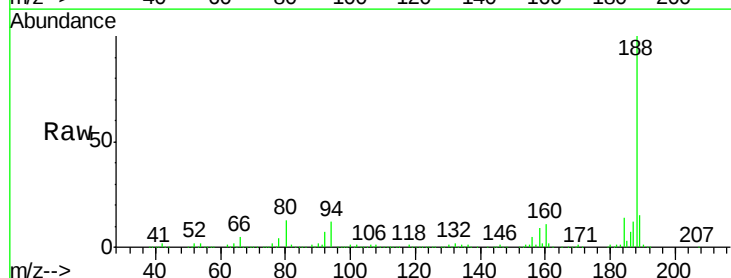
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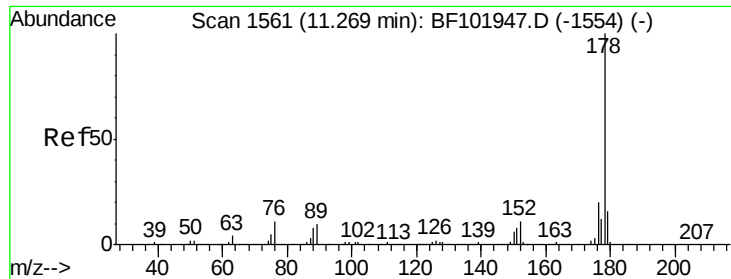
Sohil
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF102057.D
 Acq: 12 Jan 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	419639		
94	11.6	8.5	12.7	
80	12.7	9.2	13.8	





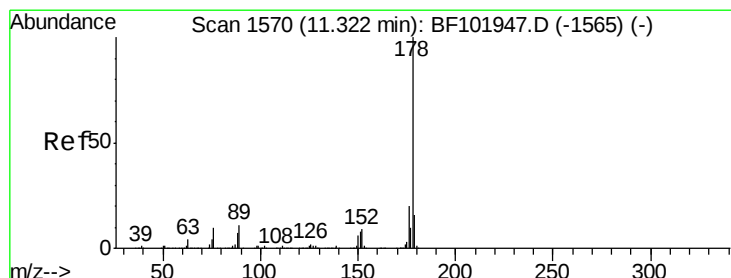
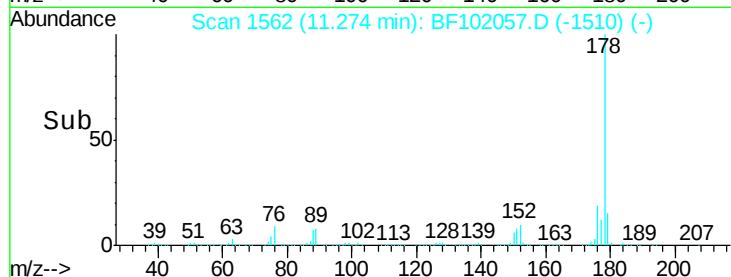
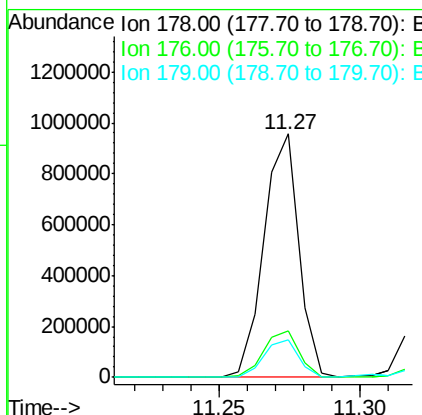
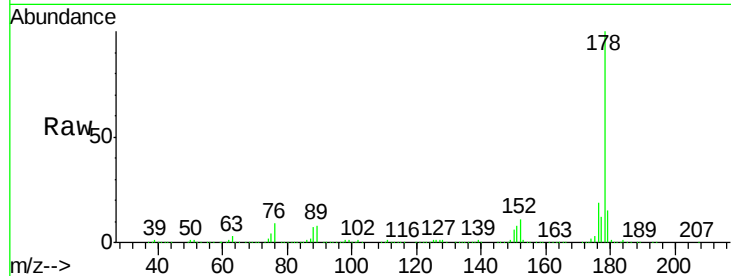
#70
Phenanthrene
Concen: 33.593 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-D

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.2	13.0	19.6

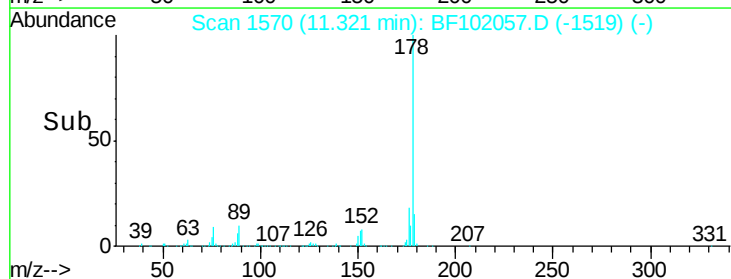
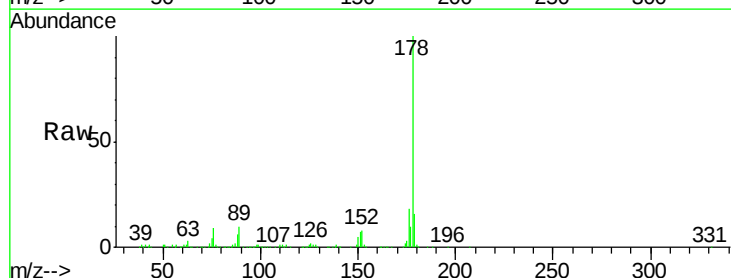
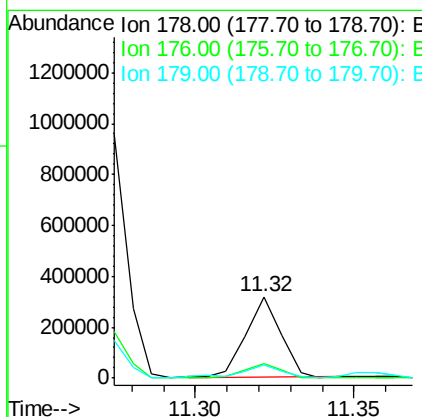
Manual Integrations
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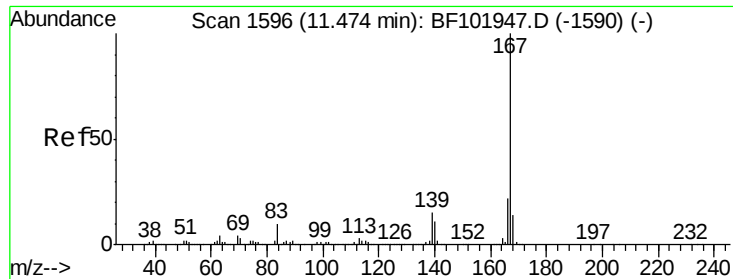
Sohil
1/15/2018 4:22:21 PM



#71
Anthracene
Concen: 9.791 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.5	12.6	19.0





#72

Carbazole

Concen: 4.512 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

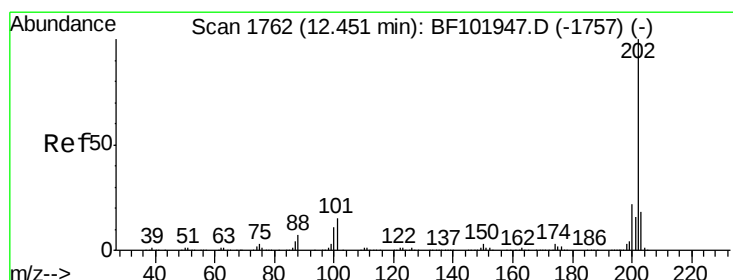
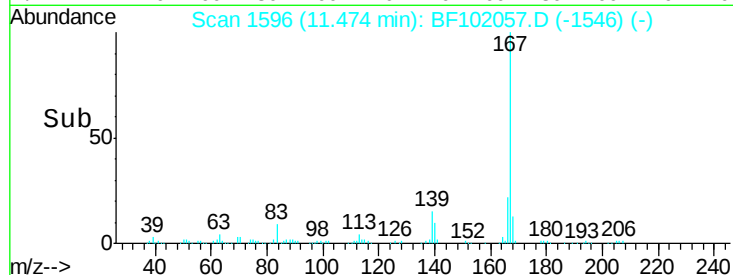
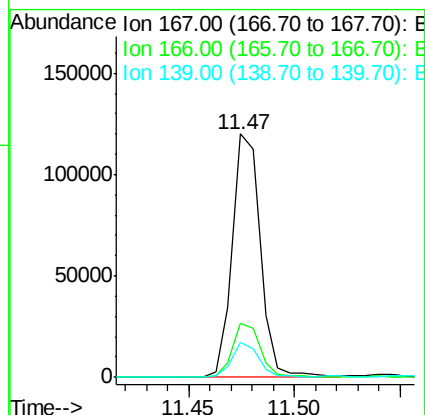
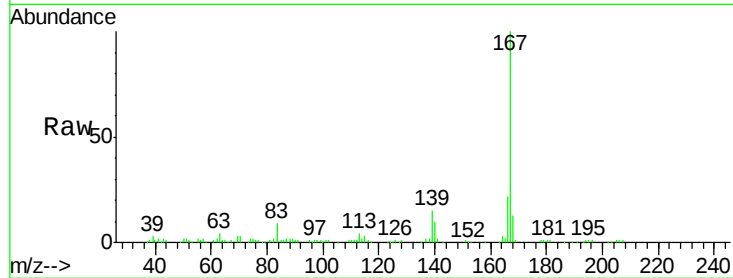
ClientSampleId :

CL-02-011118-D

Tgt Ion:	167	Resp:	110255
Ion Ratio		Lower	Upper
167	100		
166	22.3	17.6	26.4
139	14.6	10.9	16.3

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#74

Fluoranthene

Concen: 40.792 ng

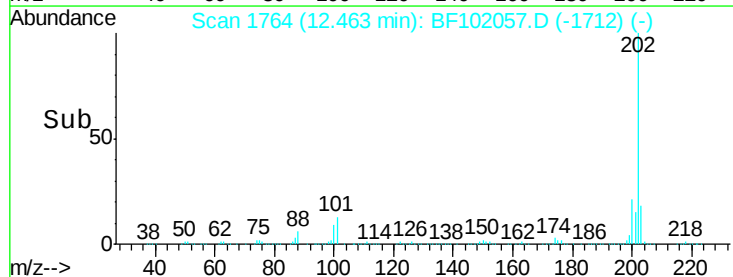
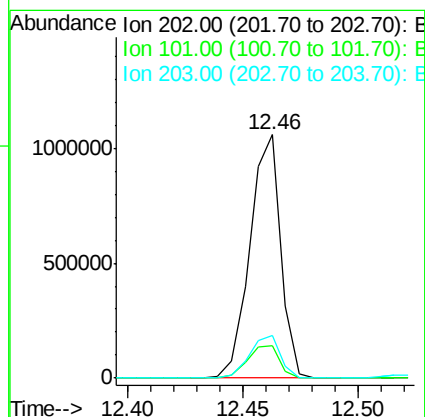
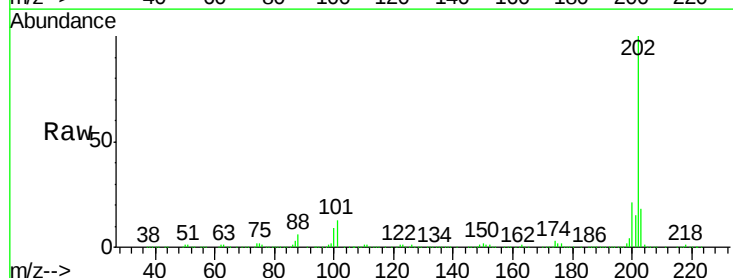
RT: 12.46 min Scan# 1764

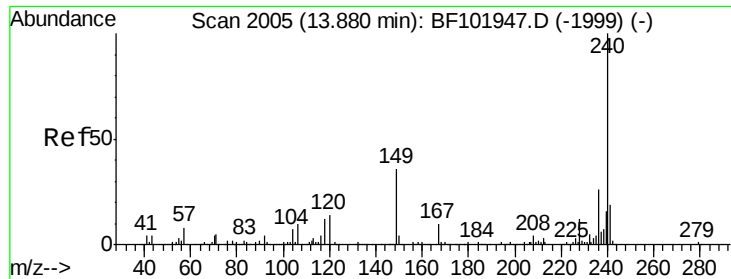
Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Tgt Ion:	202	Resp:	983793
Ion Ratio		Lower	Upper
202	100		
101	13.4	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

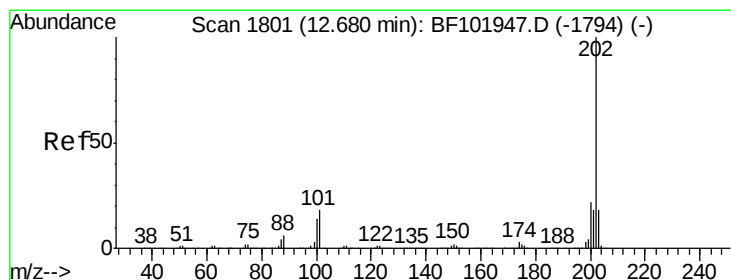
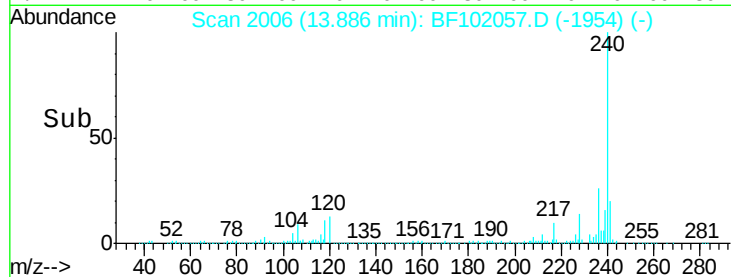
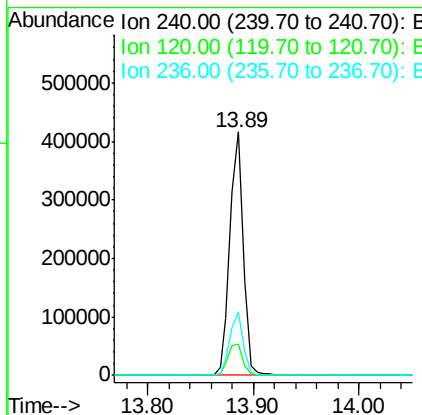
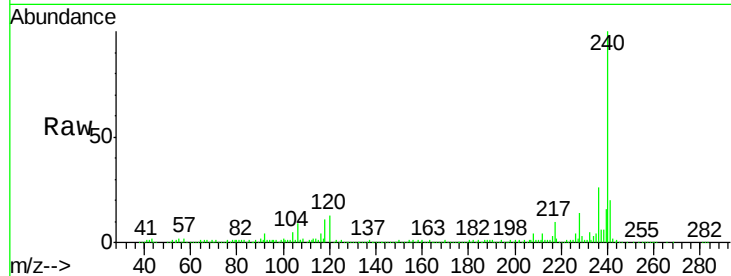
ClientSampleId :

CL-02-011118-D

Tgt Ion:	240	Resp:	363776
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	26.1	20.7	31.1

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#77

Pyrene

Concen: 25.203 ng

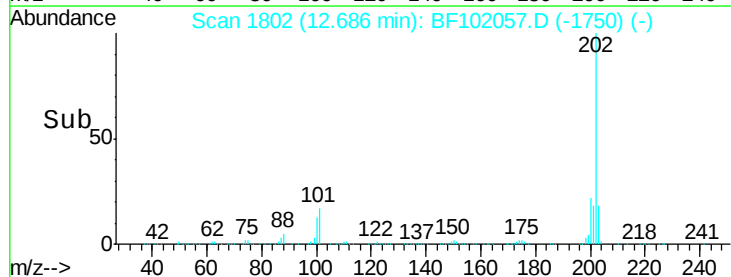
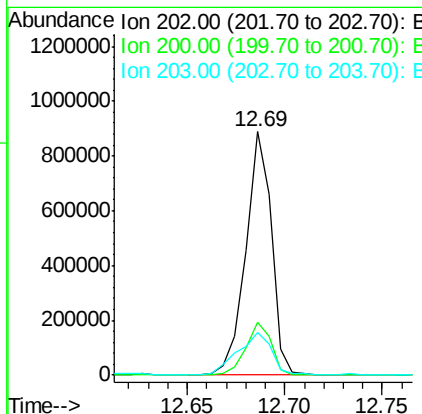
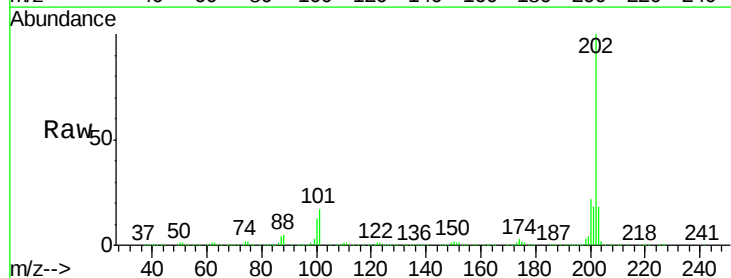
RT: 12.69 min Scan# 1802

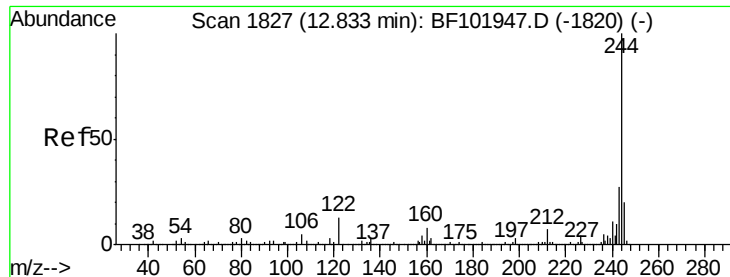
Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Tgt Ion:	202	Resp:	810428
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.6	14.3	21.5





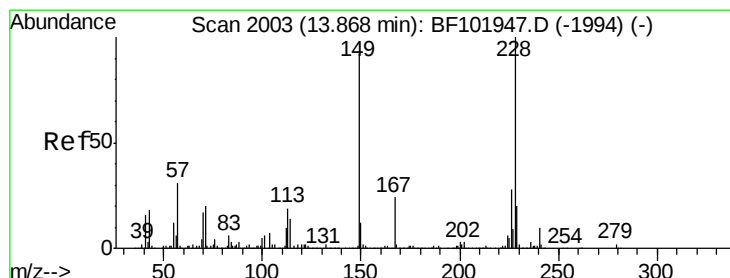
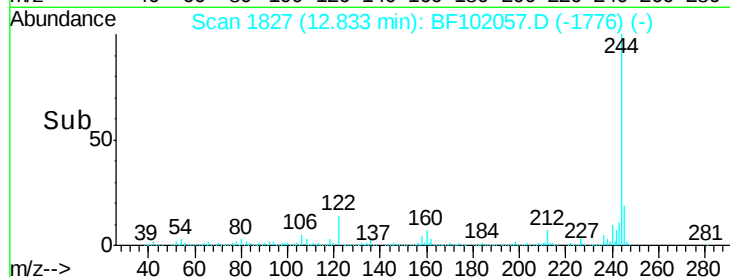
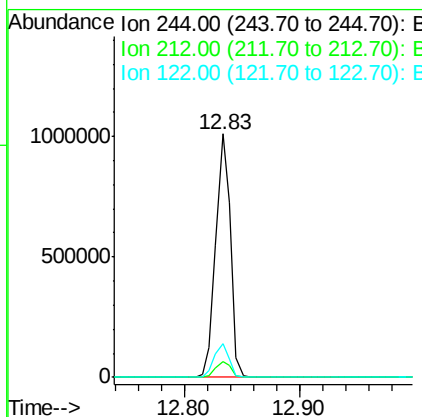
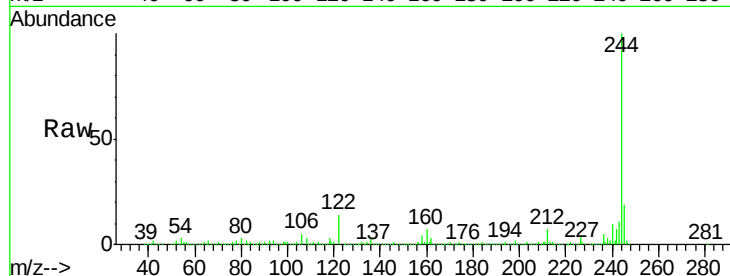
#78
 Terphenyl-d14
 Concen: 50.913 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF102057.D
 Acq: 12 Jan 2018 21:45

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-011118-D

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	892035		
212	6.6		5.4	8.0
122	14.0		11.0	16.4

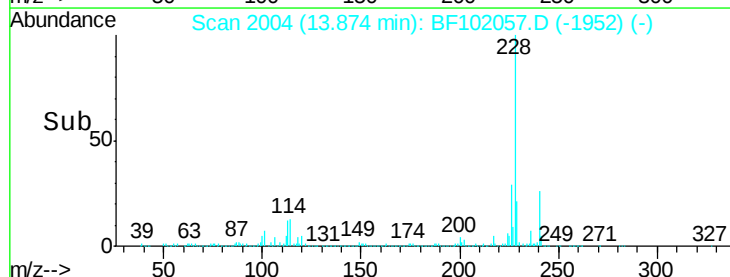
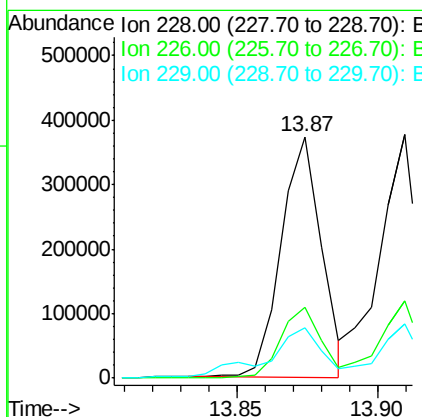
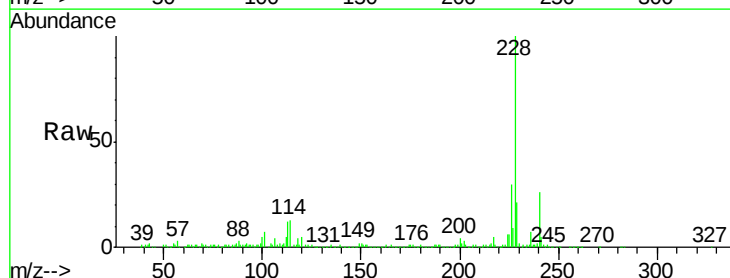
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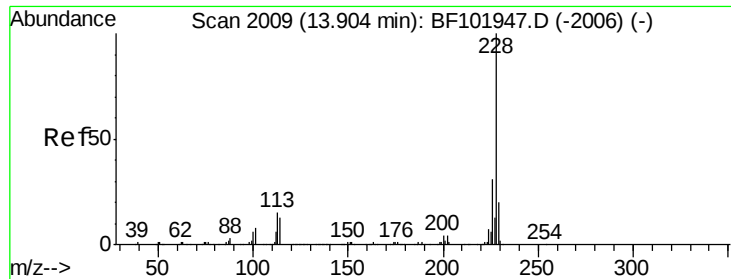
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#80
 Benzo(a)anthracene
 Concen: 15.839 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF102057.D
 Acq: 12 Jan 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	367624		
226	29.6		22.6	33.8
229	21.0		15.8	23.6





#82

Chrysene

Concen: 14.985 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

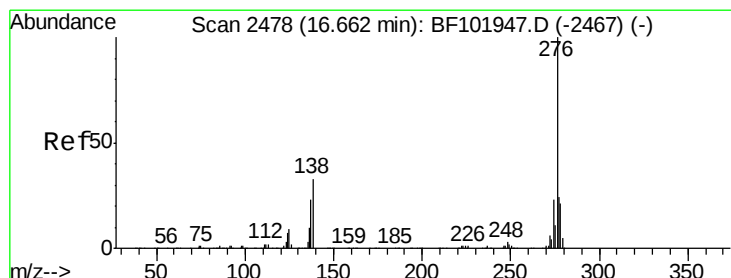
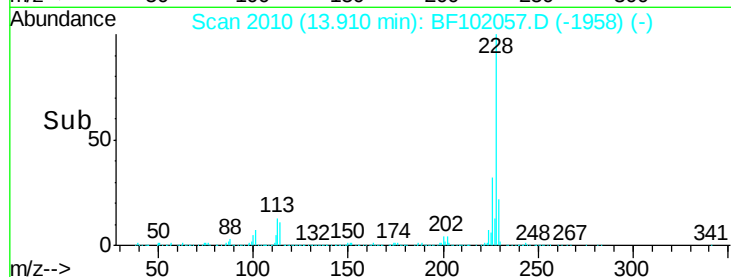
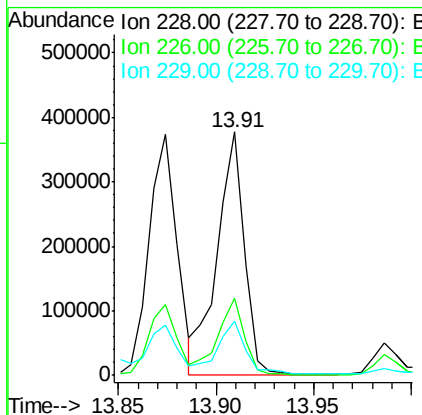
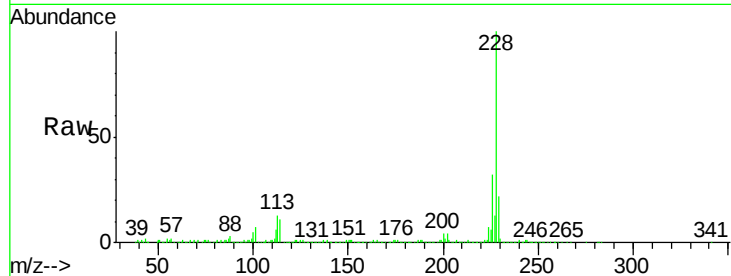
ClientSampleId :

CL-02-011118-D

Tgt Ion:	228	Resp:	362663
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	22.3	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.807 ng

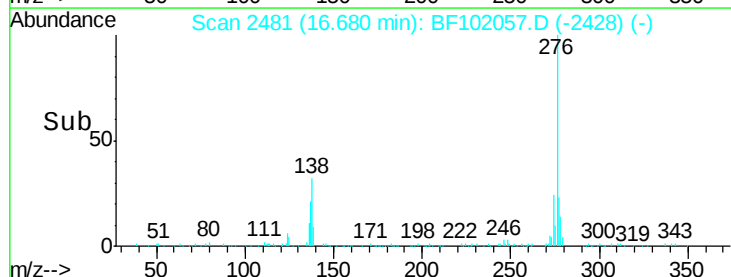
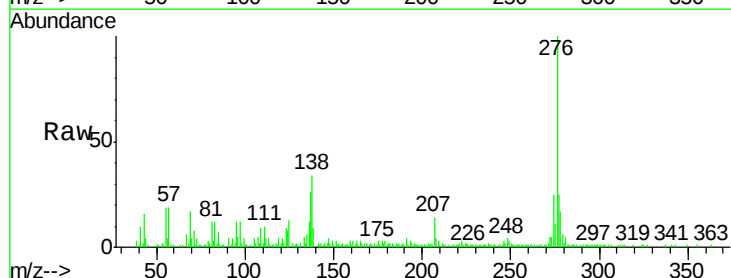
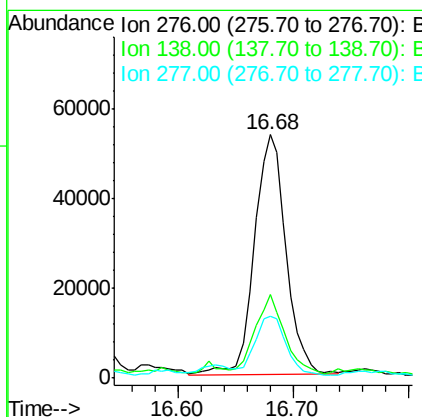
RT: 16.68 min Scan# 2481

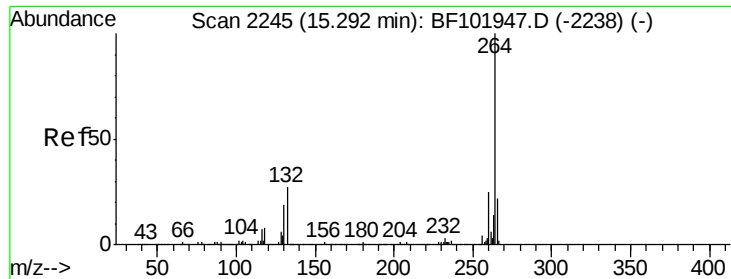
Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Tgt Ion:	276	Resp:	102282
Ion Ratio	Lower	Upper	
276	100		
138	30.4	25.0	37.6
277	24.2	20.1	30.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.02 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

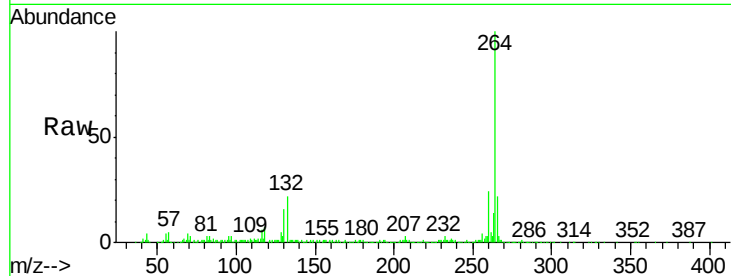
ClientSampleId :

CL-02-011118-D

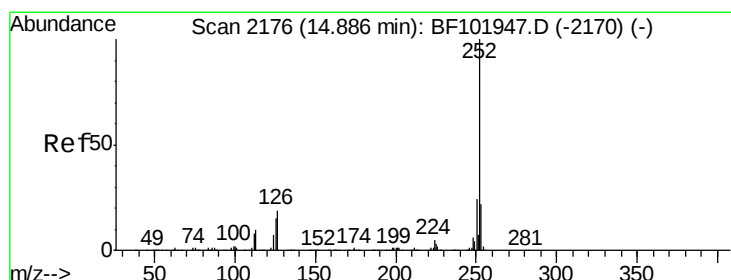
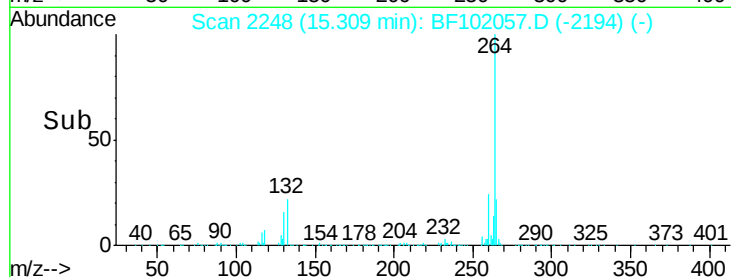
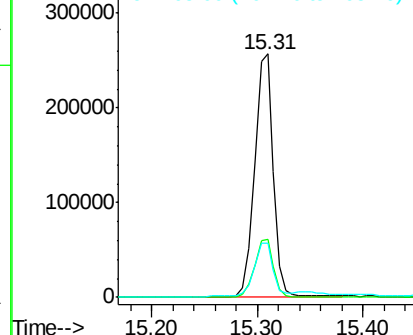
Tgt Ion:	264	Resp:	318740
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3

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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



#87

Benzo(b)fluoranthene

Concen: 17.054 ng m

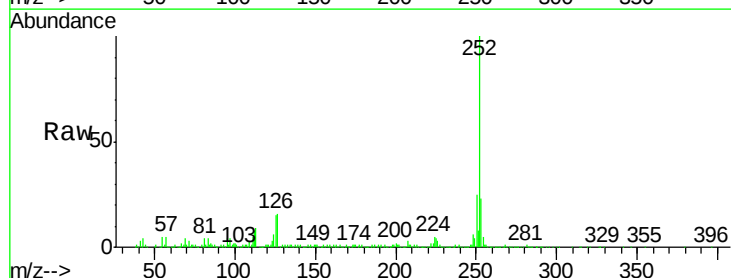
RT: 14.90 min Scan# 2178

Delta R.T. 0.01 min

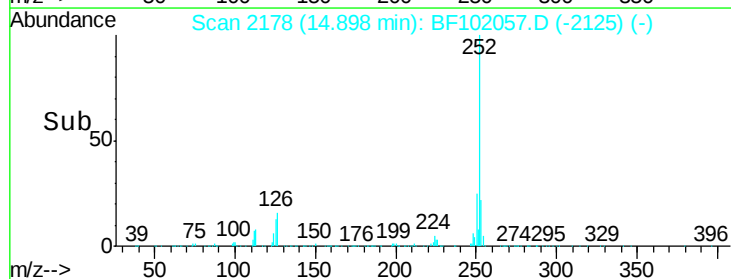
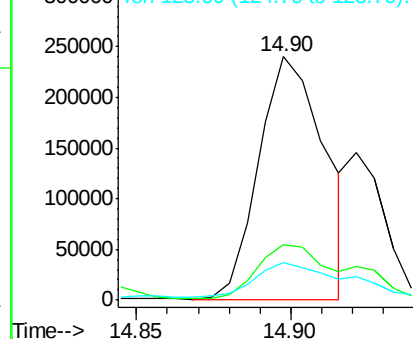
Lab File: BF102057.D

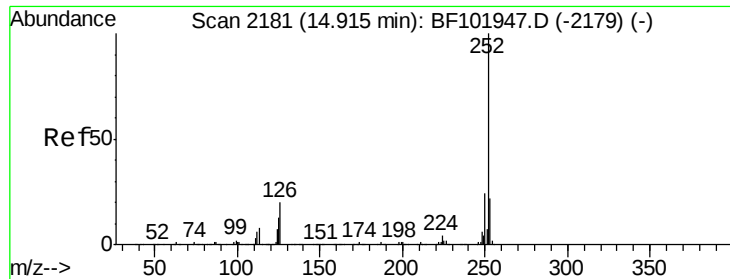
Acq: 12 Jan 2018 21:45

Tgt Ion:	252	Resp:	354440
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.6
125	15.2	9.0	13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





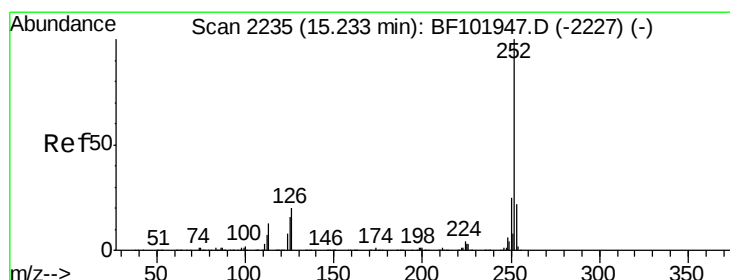
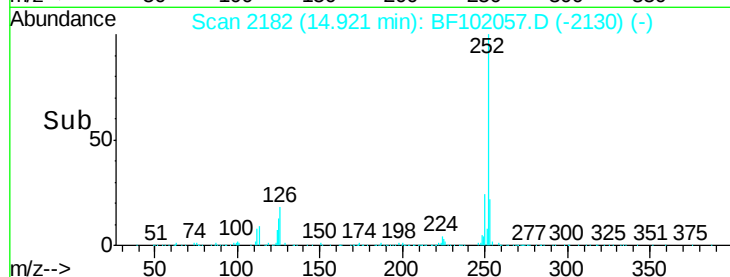
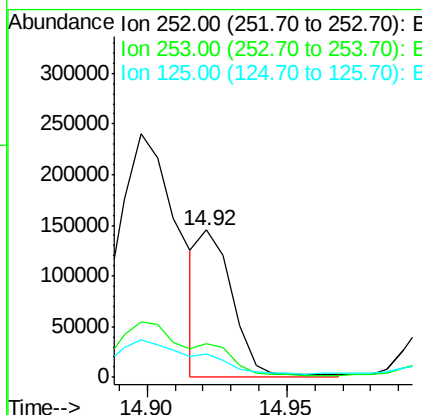
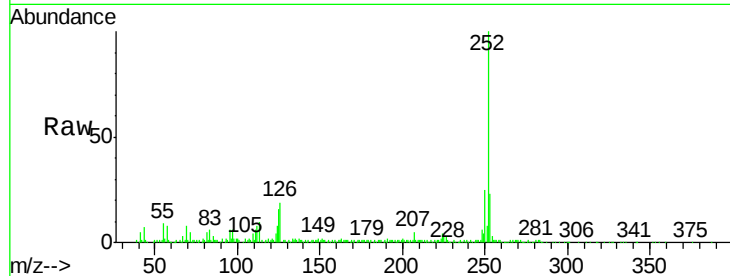
#88
Benzo(k)fluoranthene
Concen: 5.917 ng m
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-D

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	15.8	10.2	15.2#

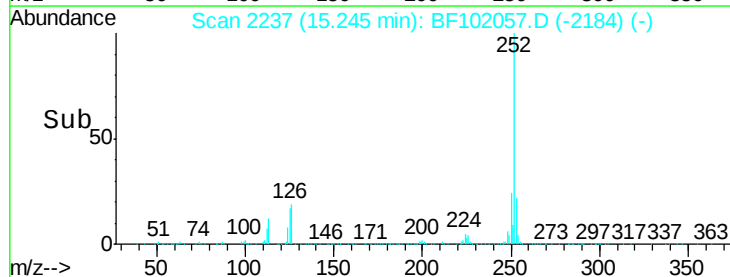
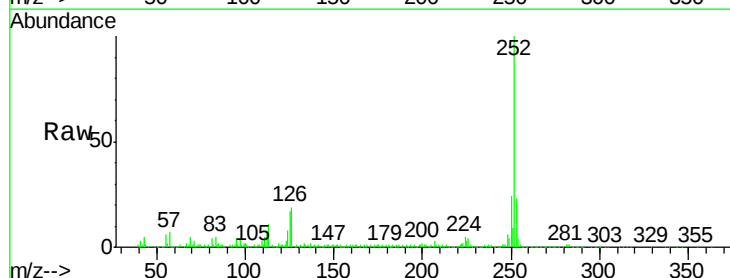
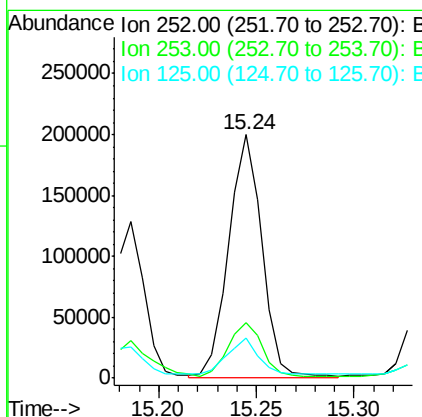
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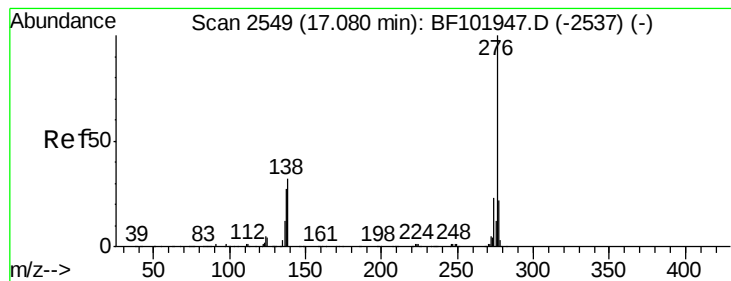
Sohil
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#89
Benzo(a)pyrene
Concen: 12.552 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	16.5	9.8	14.6#





#91

Benzo(g,h,i)perylene

Concen: 5.736 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.01 min

Lab File: BF102057.D

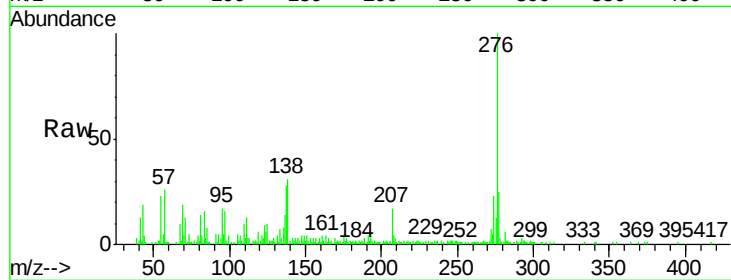
Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

ClientSampleId :

CL-02-011118-D



Tgt Ion:	276	Resp:	86227
Ion Ratio		Lower	Upper
276	100		
277	24.7	17.9	26.9
138	31.4	21.8	32.8

Manual Integrations
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