

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF102000.D
 Acq On : 11 Jan 2018 00:50
 Operator : SJ/JU
 Sample : J1076-16MS 50X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-53-01MS

Manual Integrations
 APPROVED

Sohil
 1/11/2018 10:53:26 AM

Quant Time: Jan 11 04:52:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	215778	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	681413	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	375041	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	554817	20.00	ng	0.00
75) Chrysene-d12	13.89	240	303775	20.00	ng	0.00
86) Perylene-d12	15.30	264	392883	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	5367	0.35	ng	0.00
7) Phenol-d6	6.35	99	6360	0.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	3816	0.33	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	815	0.25	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	8043	0.34	ng	-0.01
78) Terphenyl-d14	12.83	244	7490	0.51	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.36	94	598322	29.039	ng	99
17) 2-Methylphenol	6.97	107	172254	12.459	ng	99
20) 3+4-Methylphenols	7.13	107	534659	32.209	ng	87
27) 2,4-Dimethylphenol	7.67	122	153413	15.751	ng	96
31) Naphthalene	8.06	128	11563113	339.601	ng	97
32) Benzoic acid	7.80	122	132905	17.995	ng	# 15
37) 2-Methylnaphthalene	8.73	142	2548534	113.695	ng	98
45) 1,1'-Biphenyl	9.19	154	833292	25.137	ng	99
48) Acenaphthylene	9.63	152	3751523	91.960	ng	97
51) Acenaphthene	9.79	154	226348	9.141	ng	98
54) Dibenzofuran	9.97	168	2296696	67.584	ng	97
57) Fluorene	10.32	166	2350727	100.065	ng	100
70) Phenanthrene	11.29	178	5606294	172.987	ng	99
71) Anthracene	11.34	178	2920582	88.857	ng	99
72) Carbazole	11.48	167	1279863	39.616	ng	99
74) Fluoranthene	12.47	202	3537540	110.944	ng	99
77) Pyrene	12.70	202	2752440	102.505	ng	99
80) Benzo(a)anthracene	13.87	228	1483156m	76.524	ng	
82) Chrysene	13.91	228	1220798	60.406	ng	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	650441	44.219	ng	98
87) Benzo(b)fluoranthene	14.90	252	1419410m	55.408	ng	
88) Benzo(k)fluoranthene	14.93	252	591613m	23.940	ng	
89) Benzo(a)pyrene	15.25	252	1203068	52.189	ng	95
90) Dibenz(a,h)anthracene	16.69	278	184852m	10.048	ng	
91) Benzo(g,h,i)perylene	17.10	276	547777	29.560	ng	96

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

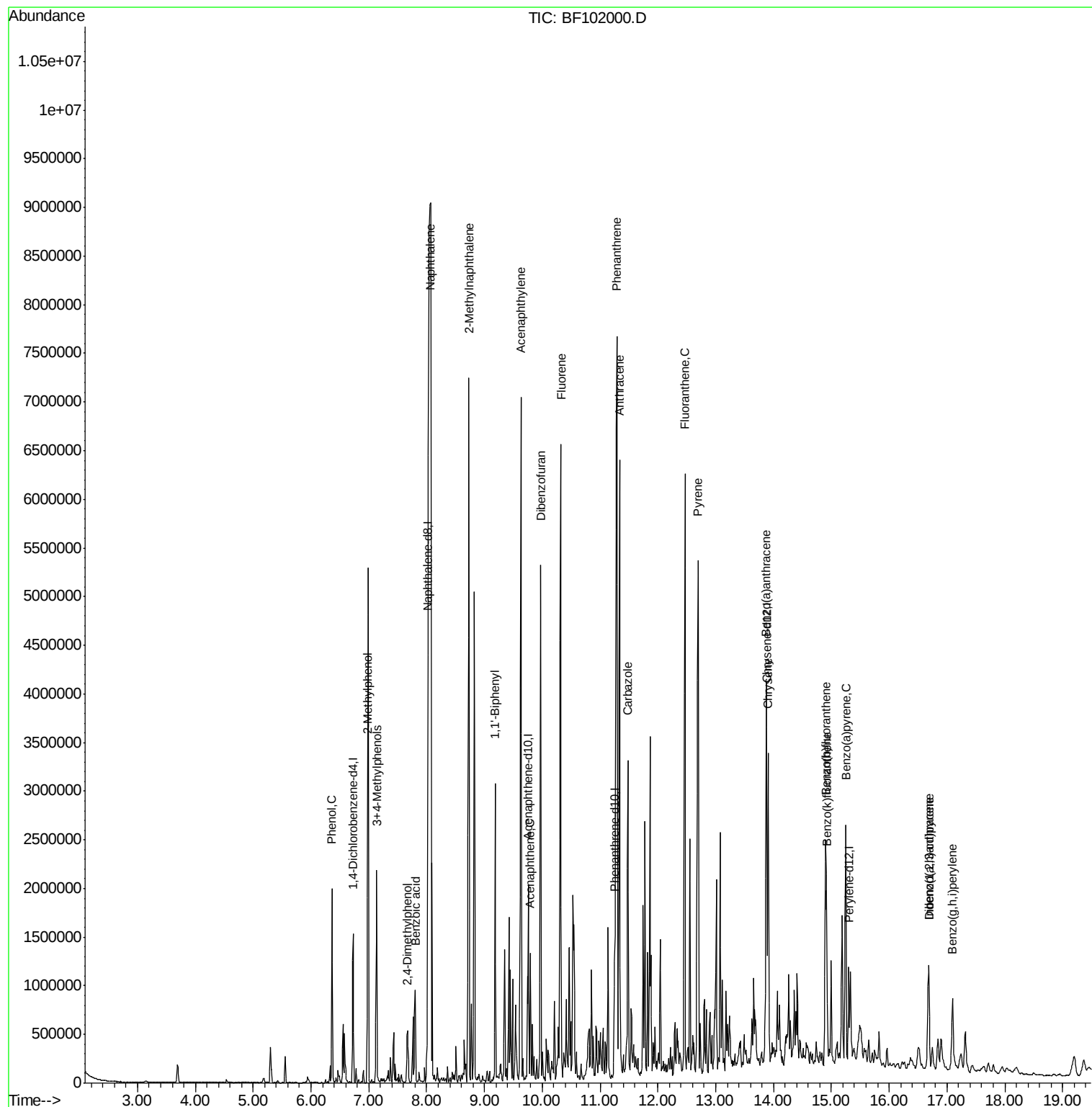
Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF102000.D
Acq On : 11 Jan 2018 00:50
Operator : SJ/JU
Sample : J1076-16MS 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

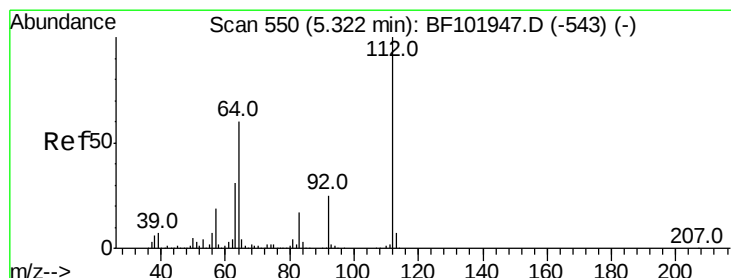
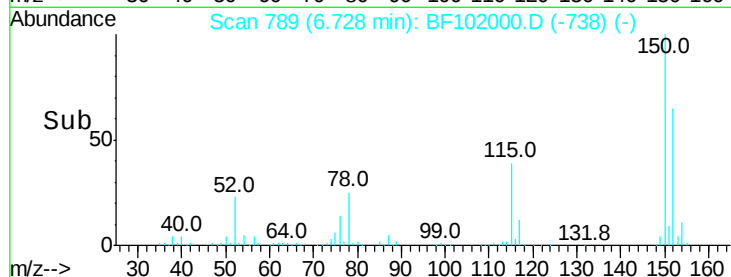
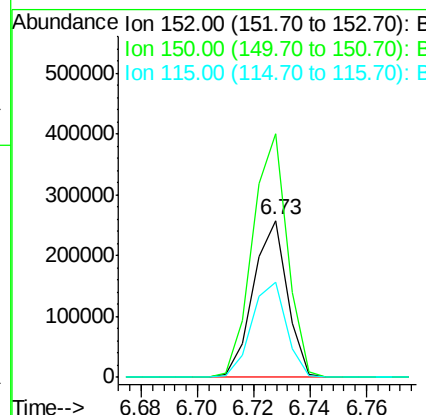
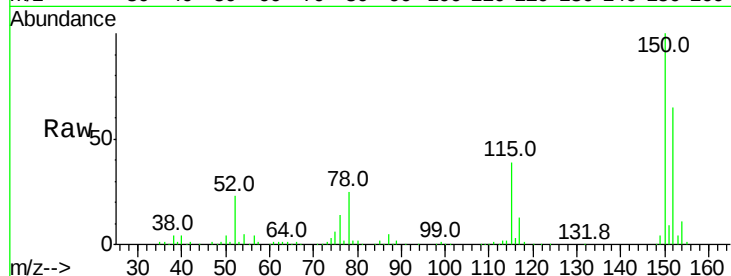
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	60.9	50.1	75.1

Manual Integrations
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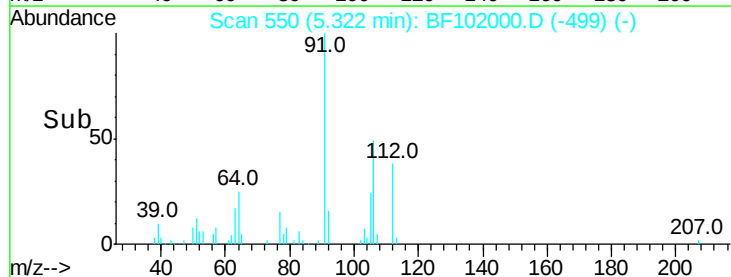
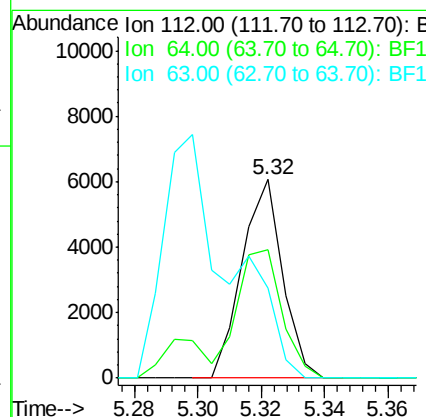
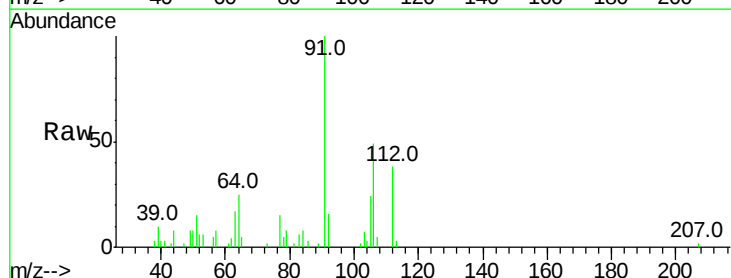
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#5

2-Fluorophenol
Concen: 0.351 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	45.5	23.7	35.5





#7

Phenol-d6

Concen: 0.349 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

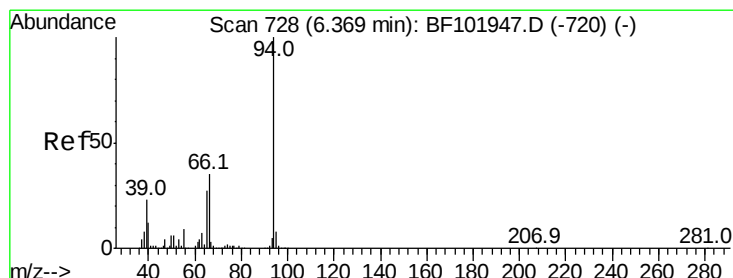
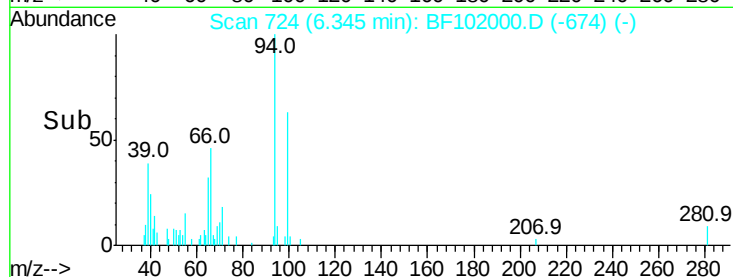
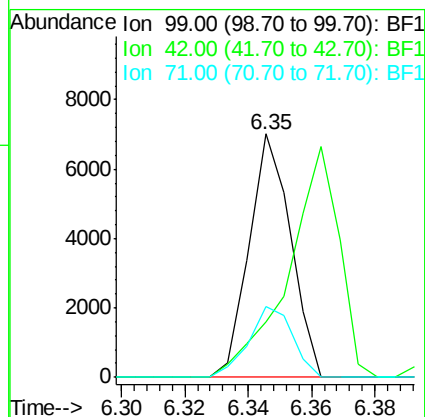
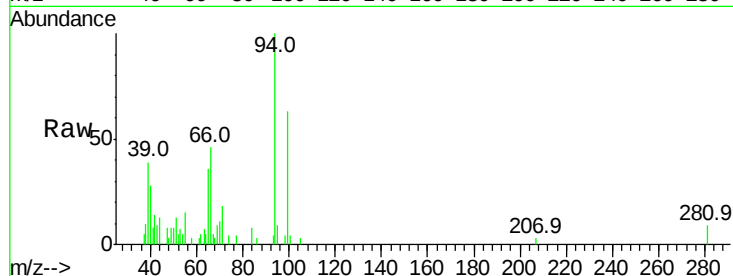
ClientSampleId :

WC-53-01MS

Tot Ion:	99	Resp:	6360
Ion Ratio	Lower	Upper	
99	100		
42	22.5	14.5	21.7#
71	29.2	25.4	38.0

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#10

Phenol

Concen: 29.039 ng

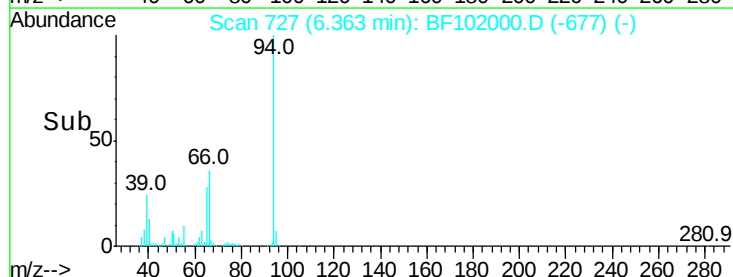
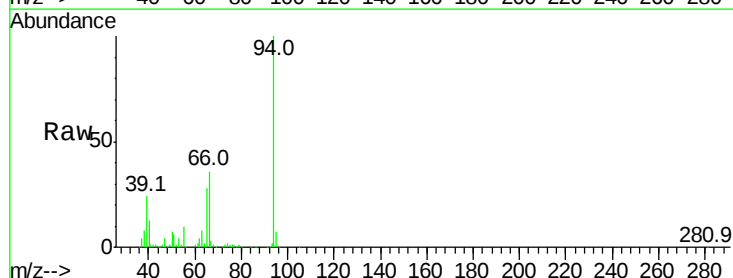
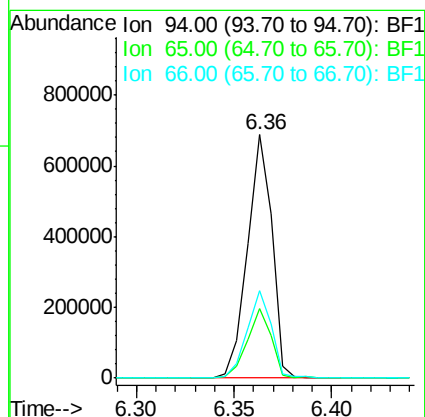
RT: 6.36 min Scan# 727

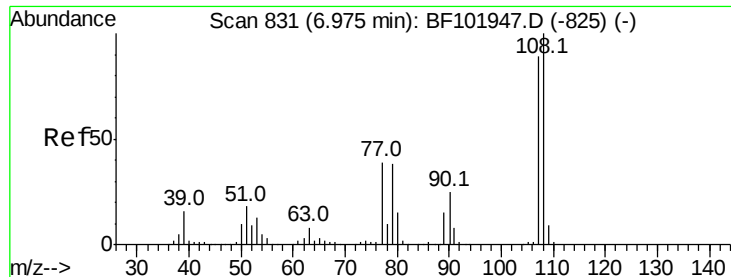
Delta R.T. -0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Tgt Ion:	94	Resp:	598322
Ion Ratio	Lower	Upper	
94	100		
65	28.4	7.9	47.9
66	35.7	16.2	56.2





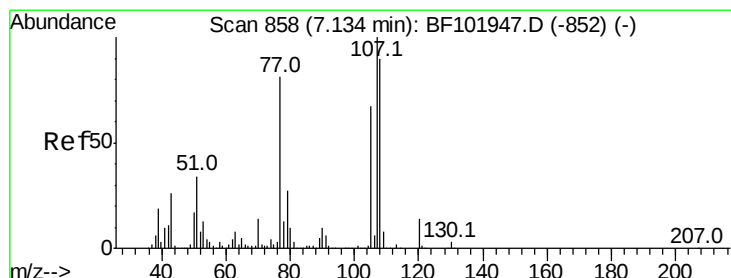
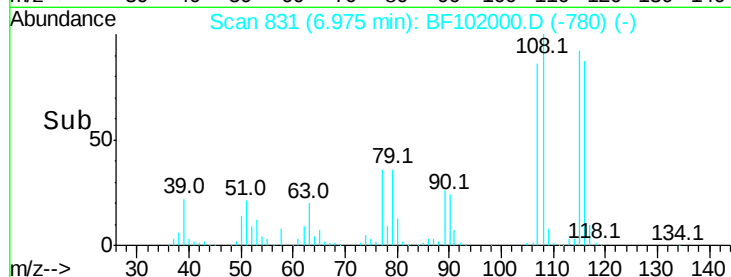
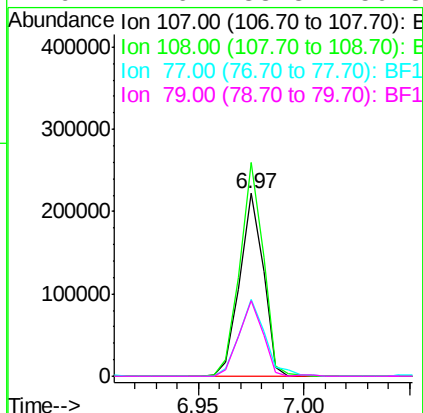
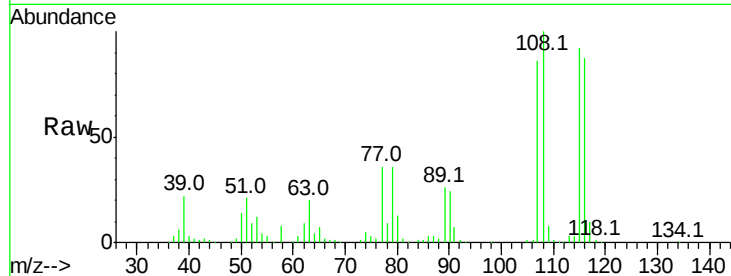
#17
2-Methylphenol
Concen: 12.459 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	172254		
108	116.7	91.7	137.5	
77	42.0	33.8	50.8	
79	41.6	33.8	50.8	

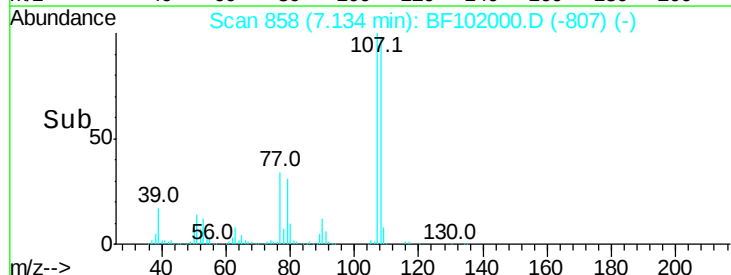
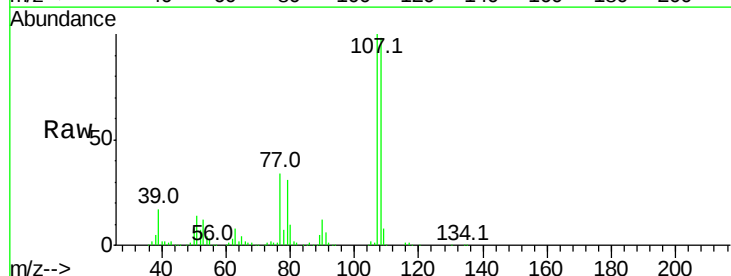
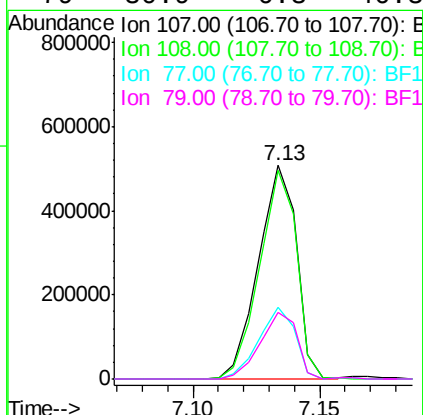
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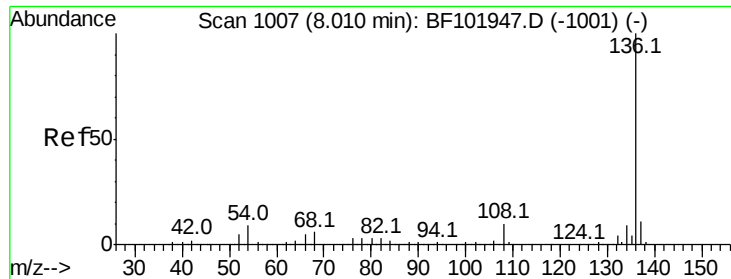
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#20
3+4-Methylphenols
Concen: 32.209 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	534659		
108	98.0	68.2	108.2	
77	33.5	26.7	66.7	
79	30.9	6.3	46.3	





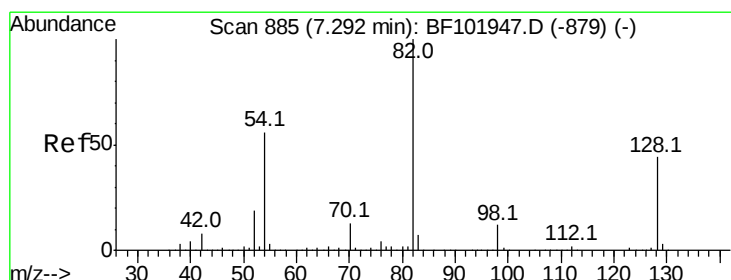
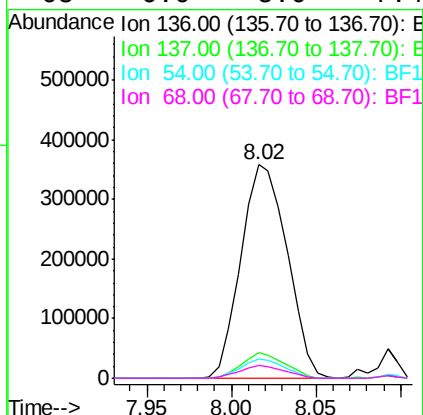
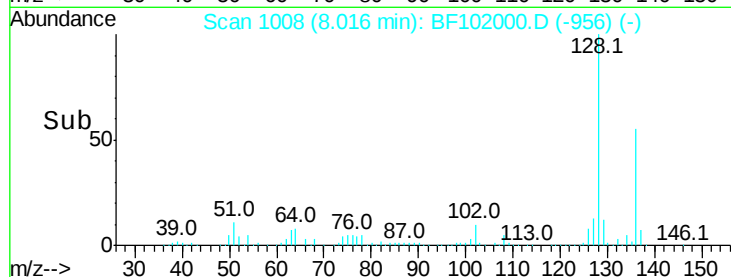
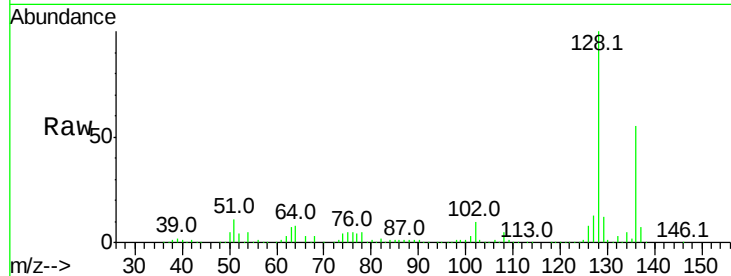
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	681413		
137	12.0	8.9	13.3	
54	8.8	6.6	9.8	
68	6.0	5.0	7.4	

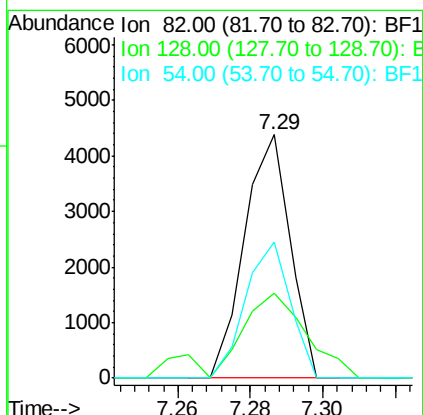
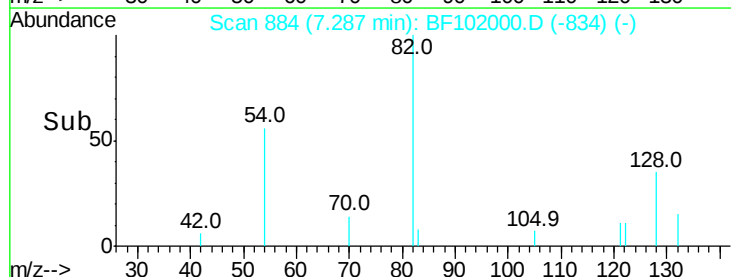
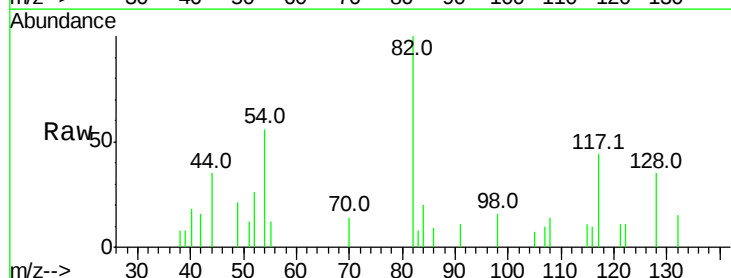
Manual Integrations
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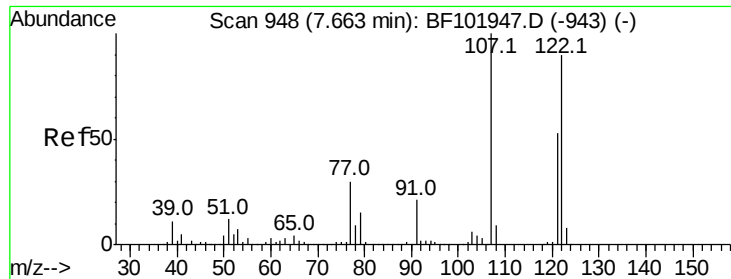
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#23
Nitrobenzene-d5
Concen: 0.329 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	3816		
128	35.0	36.1	54.1#	
54	55.7	41.4	62.2	





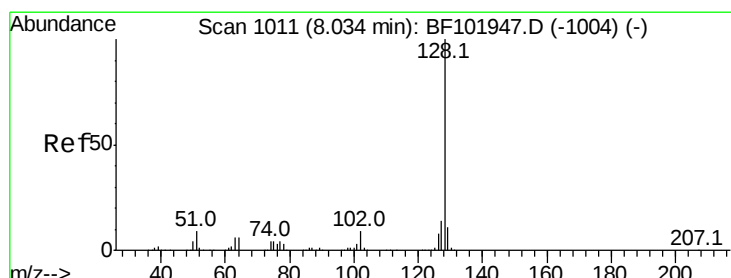
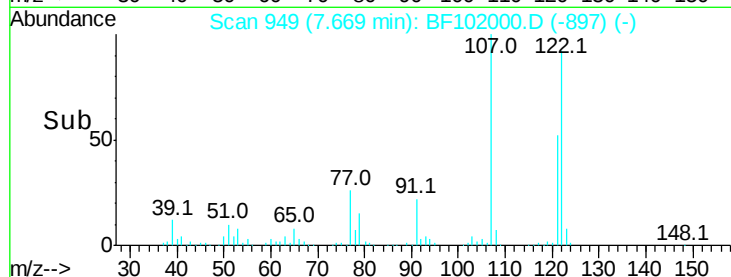
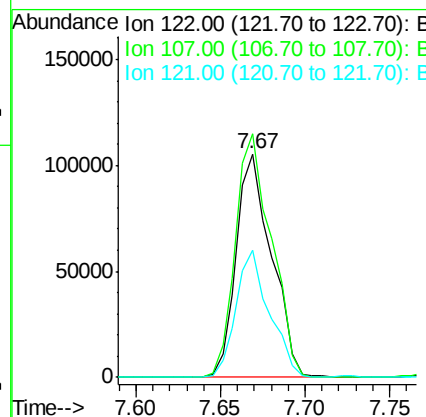
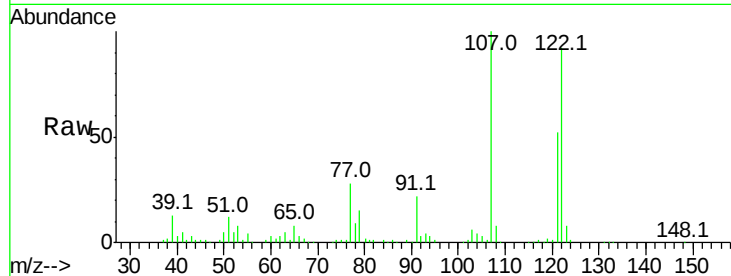
#27
2,4-Dimethylphenol
Concen: 15.751 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	108.9	91.2	136.8	
121	56.6	47.2	70.8	

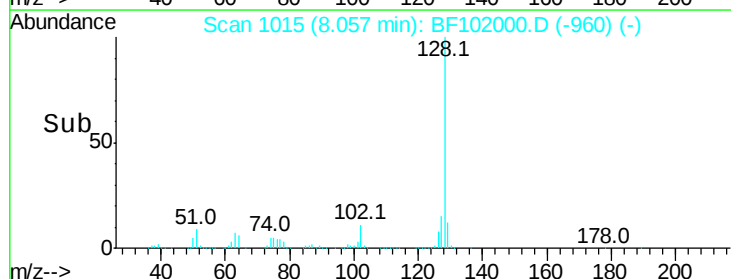
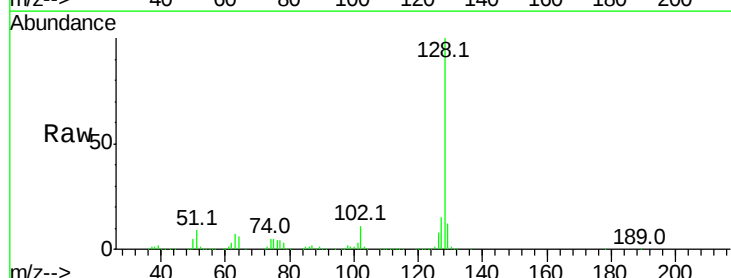
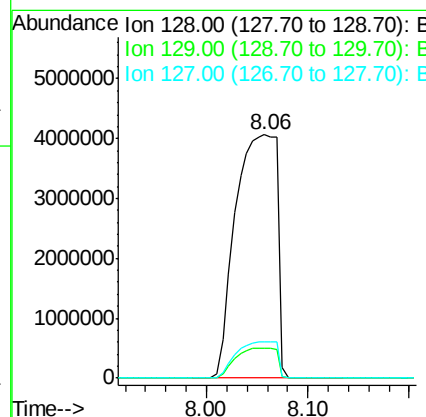
Manual Integrations
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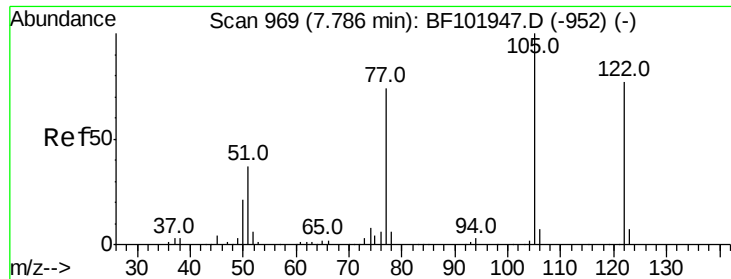
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#31
Naphthalene
Concen: 339.601 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.02 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
129	12.2	8.8	13.2	
127	15.1	10.9	16.3	





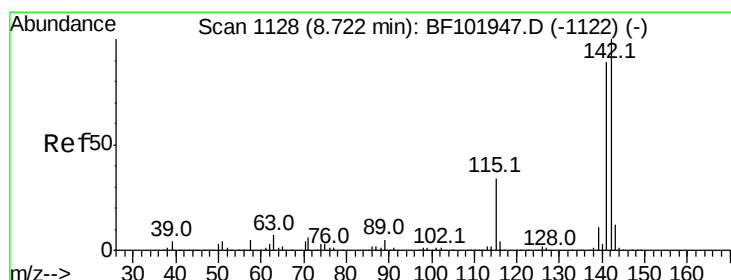
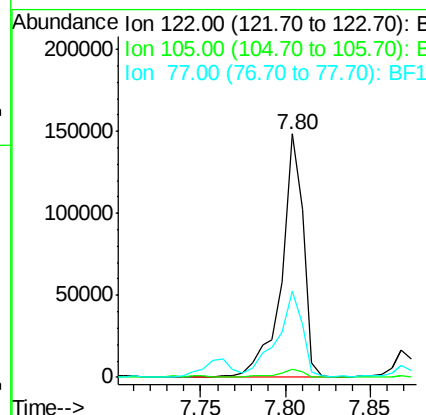
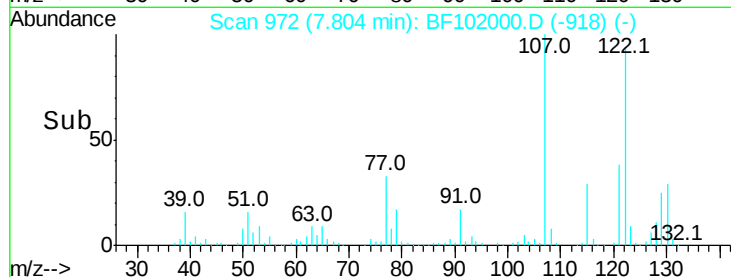
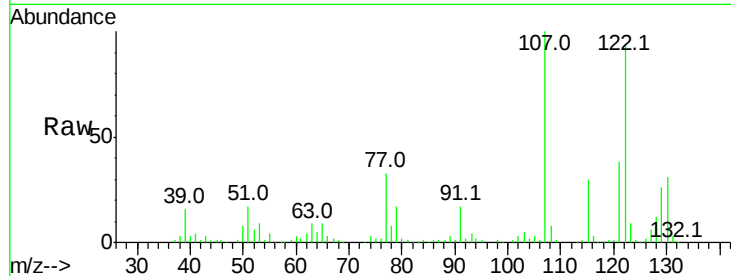
#32
Benzoic acid
Concen: 17.995 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
105	3.2	101.1	141.1#
77	35.5	70.7	110.7#

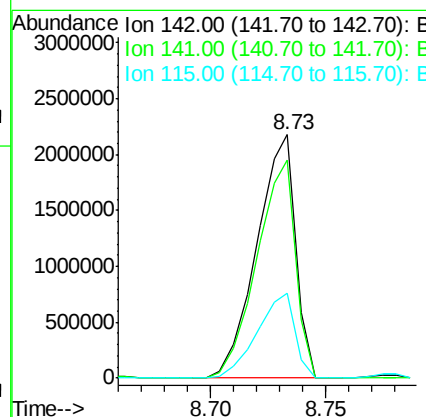
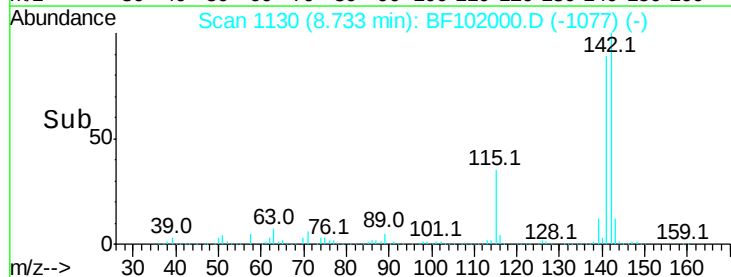
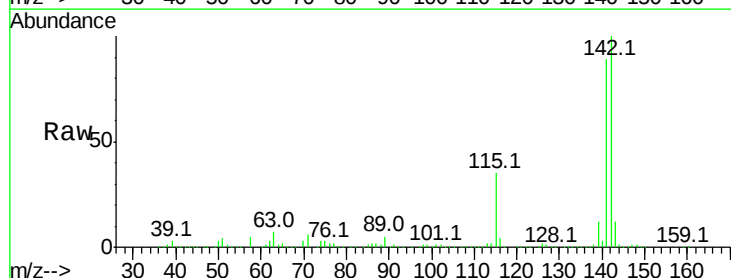
Manual Integrations
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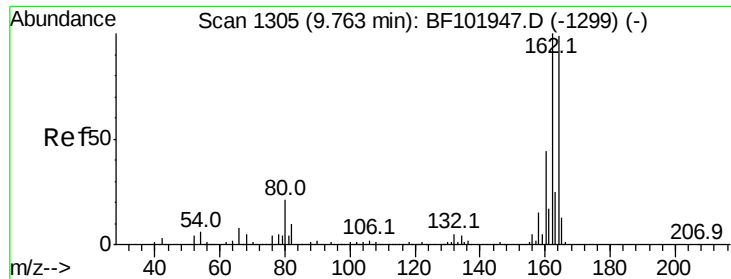
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1/11/2018 10:53:26 AM



#37
2-Methylnaphthalene
Concen: 113.695 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	35.1	26.1	39.1





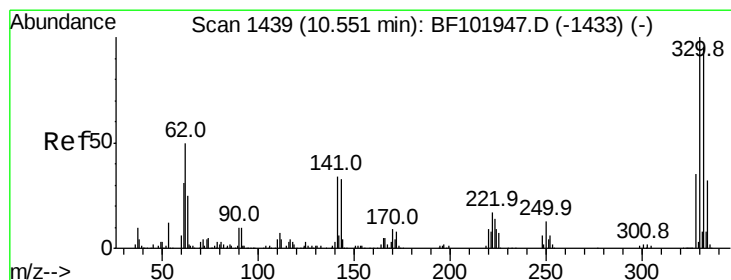
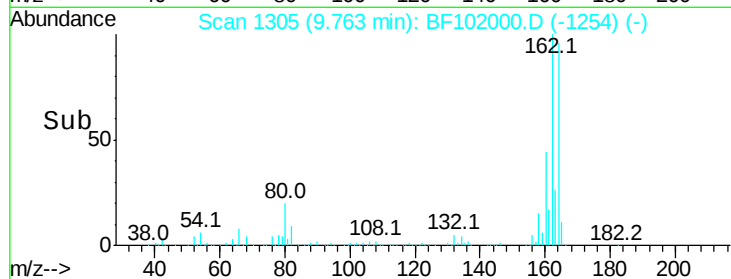
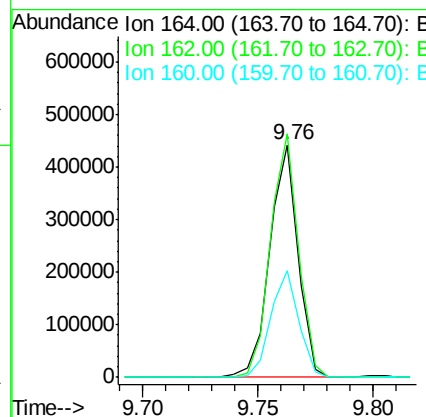
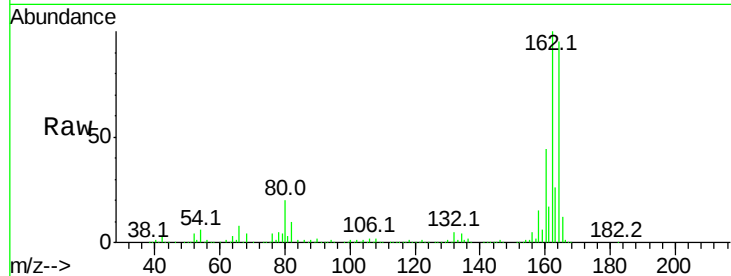
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 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-53-01MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.8	38.3	57.5

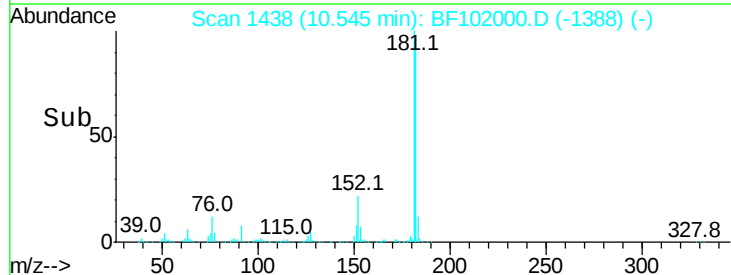
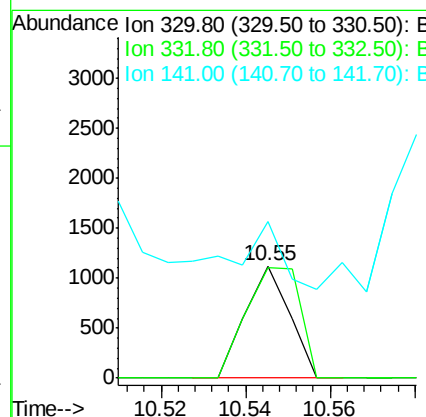
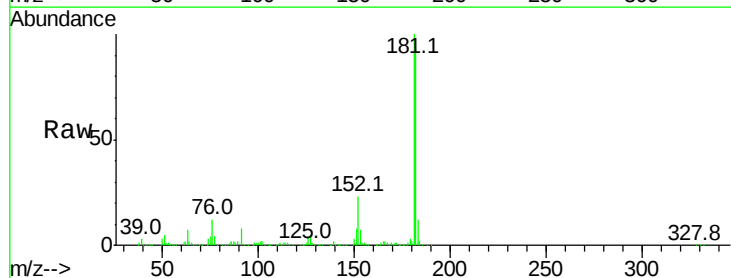
Manual Integrations
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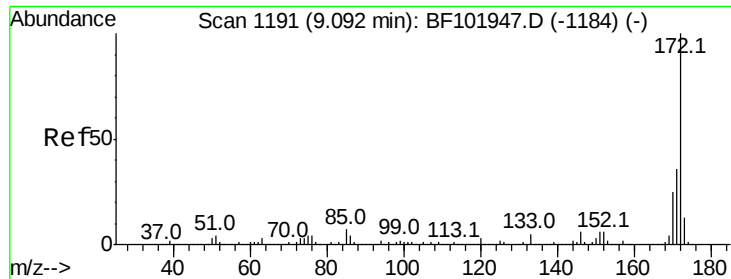
Sohil
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#41
 2,4,6-Tribromophenol
 Concen: 0.249 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	120.4	77.0	115.6#
141	0.0	29.9	44.9#





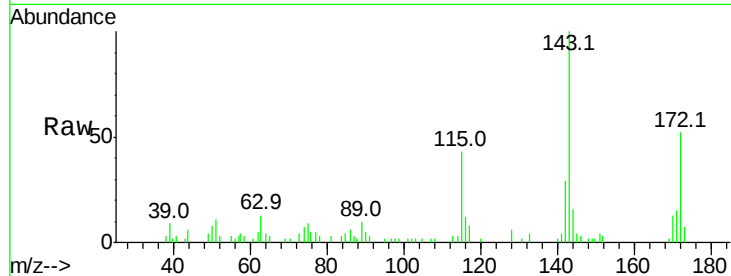
#44
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

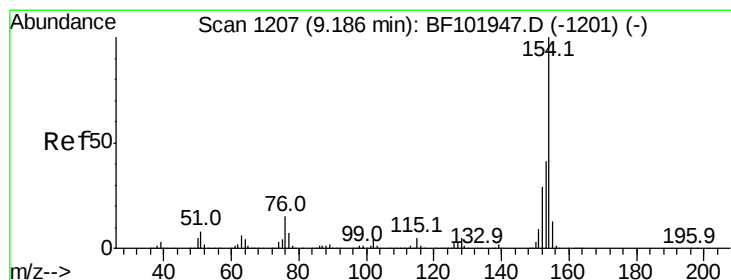
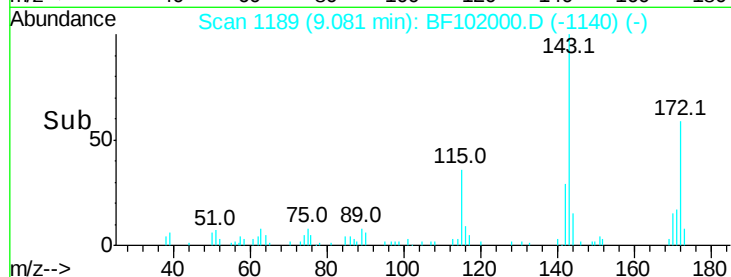
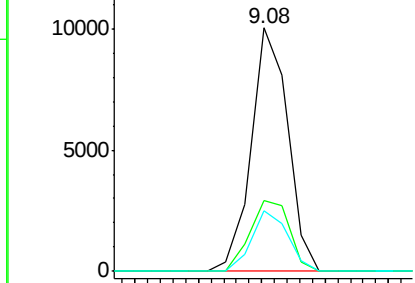
Tot Ion	Ratio	Lower	Upper
172	100		
171	29.3	29.7	44.5#
170	25.0	19.6	29.4

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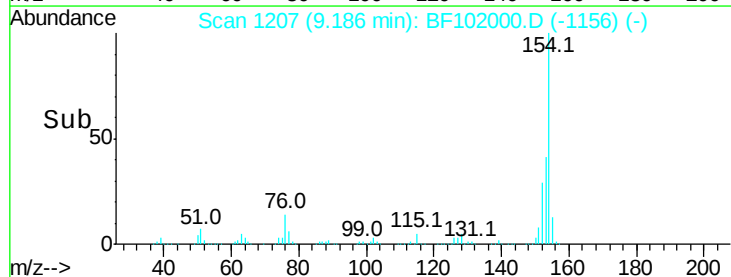
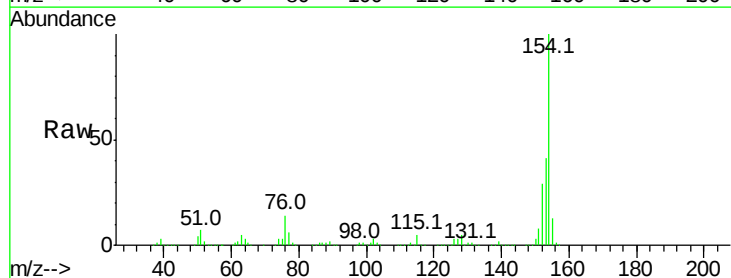
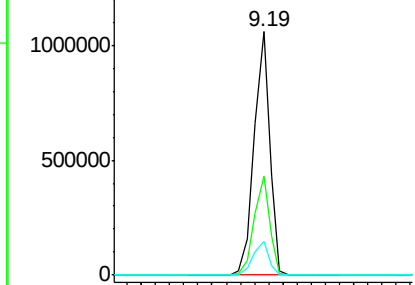
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

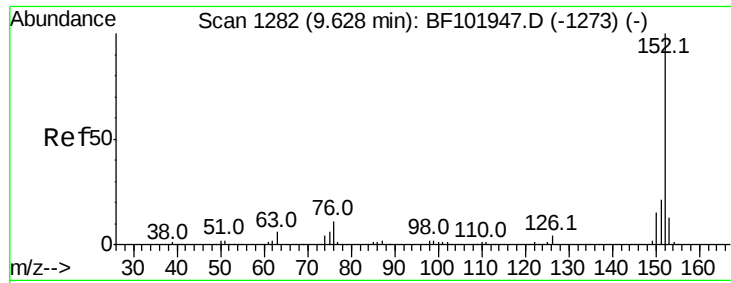


#45
1,1'-Biphenyl
Concen: 25.137 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.7	0.0	34.0

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





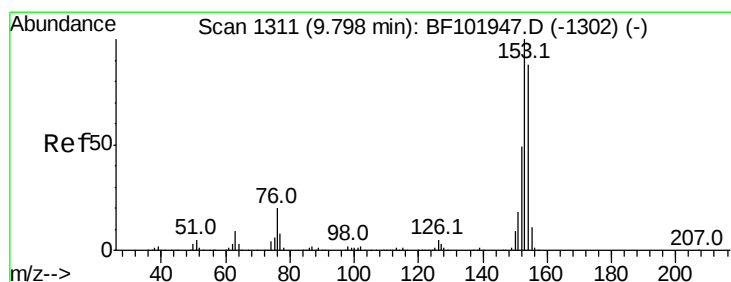
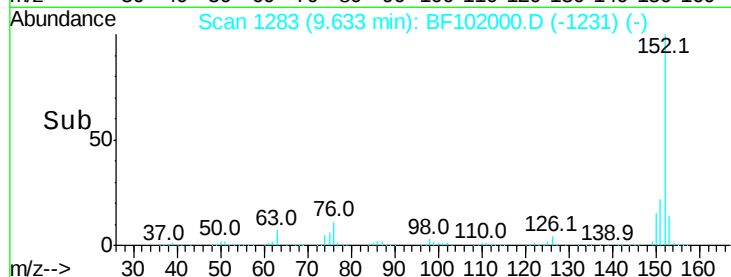
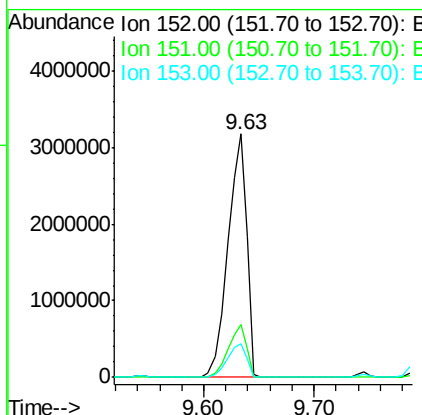
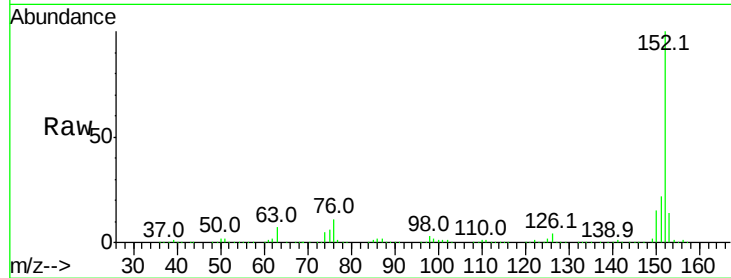
#48
Acenaphthylene
Concen: 91.960 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

Tot Ion:152 Resp: 3751523
Ion Ratio Lower Upper
152 100
151 22.0 16.3 24.5
153 14.0 10.7 16.1

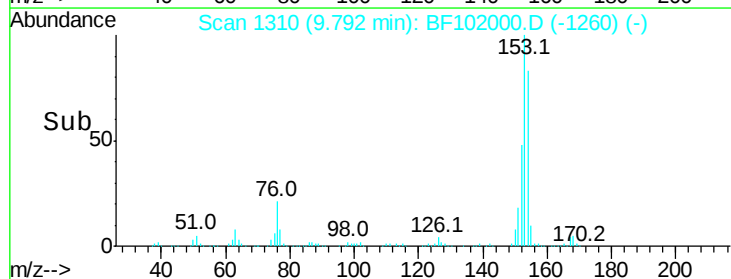
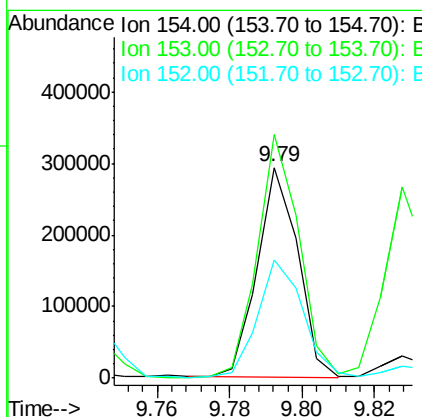
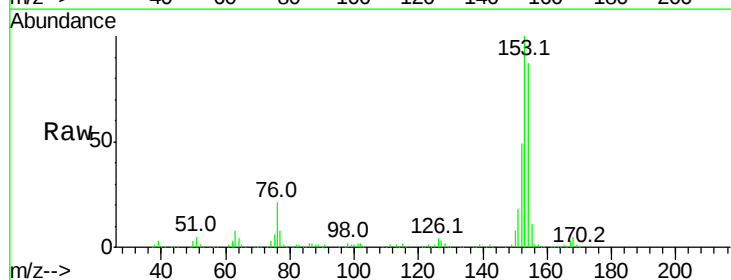
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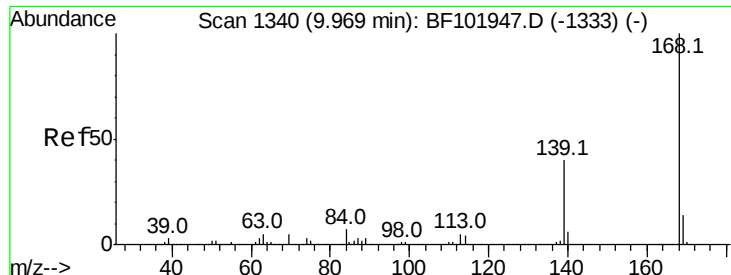
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#51
Acenaphthene
Concen: 9.141 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion:154 Resp: 226348
Ion Ratio Lower Upper
154 100
153 115.5 91.2 136.8
152 56.3 43.8 65.8





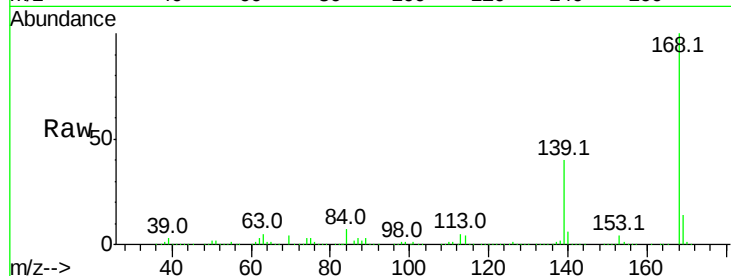
#54
Dibenzofuran
Concen: 67.584 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

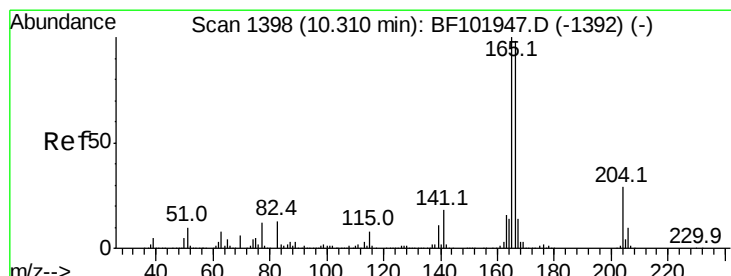
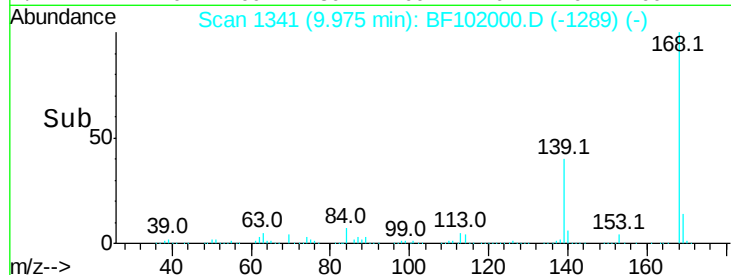
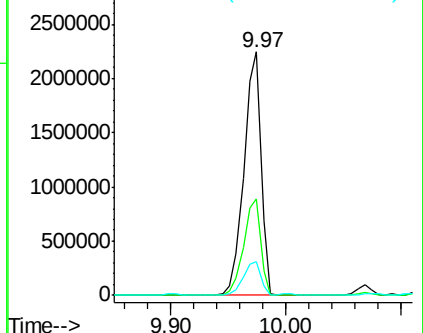
Tot Ion:168 Resp: 2296696
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.6 10.9 16.3

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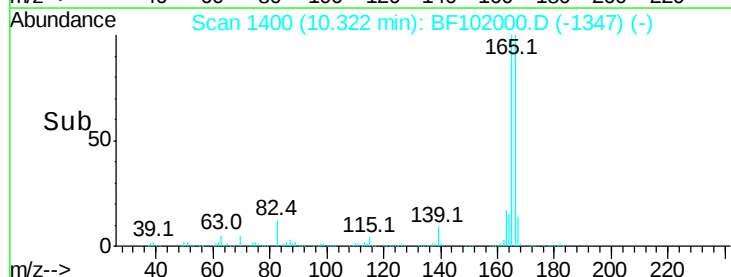
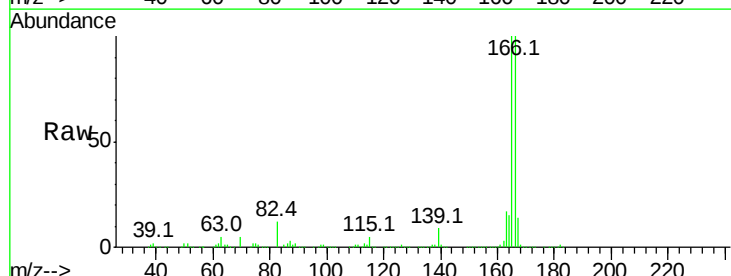
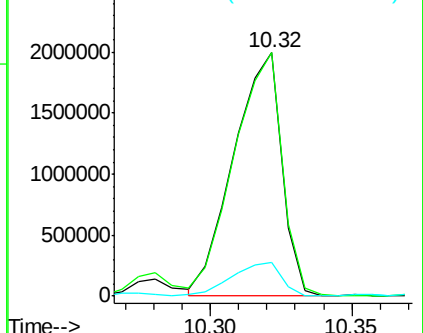
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

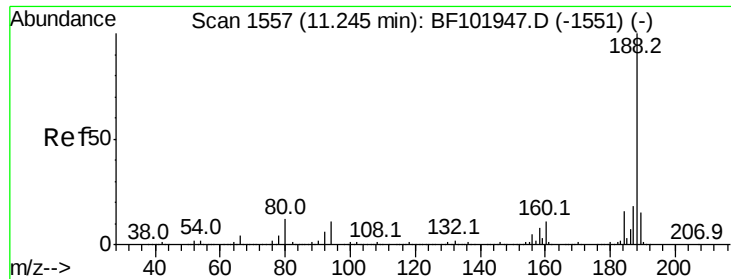


#57
Fluorene
Concen: 100.065 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion:166 Resp: 2350727
Ion Ratio Lower Upper
166 100
165 99.9 79.8 119.8
167 14.0 10.6 16.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





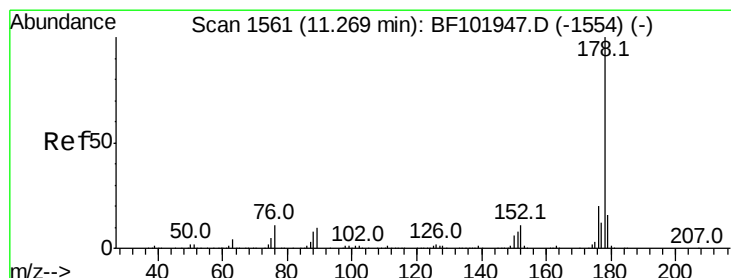
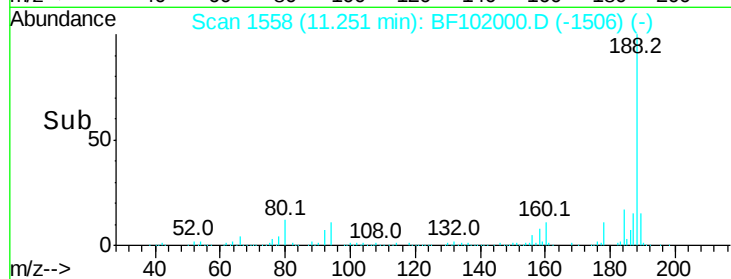
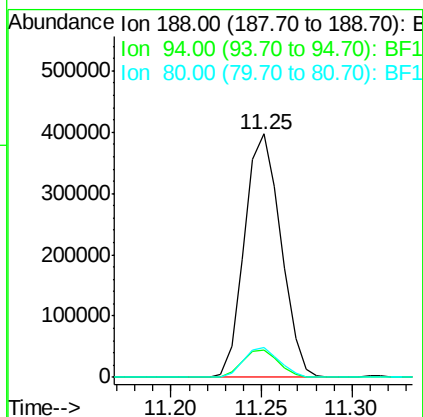
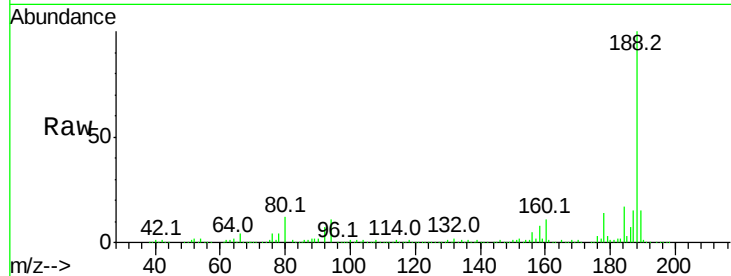
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	554817		
94	11.4		8.5	12.7
80	12.0		9.2	13.8

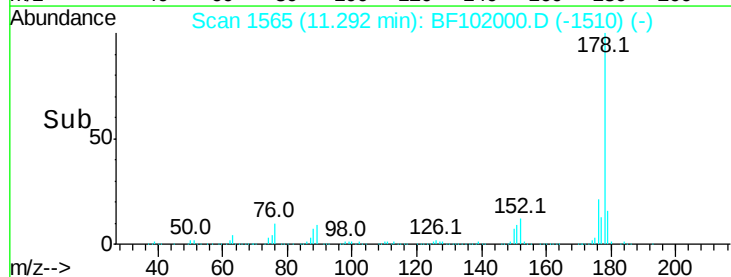
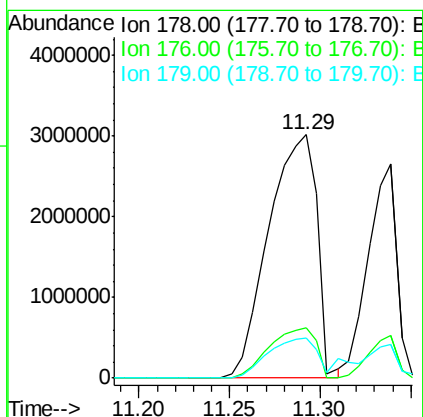
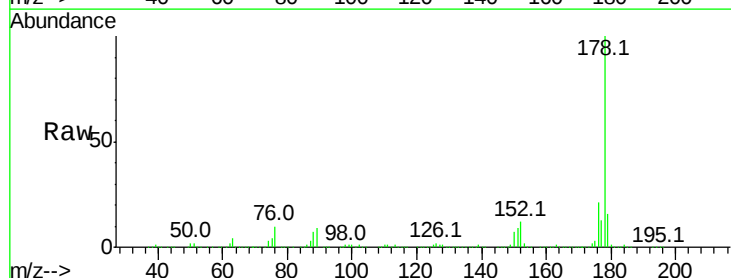
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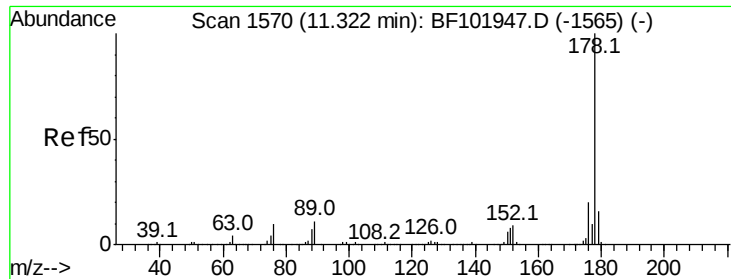
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#70
Phenanthrene
Concen: 172.987 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.02 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	5606294		
176	20.9		15.8	23.8
179	16.3		13.0	19.6





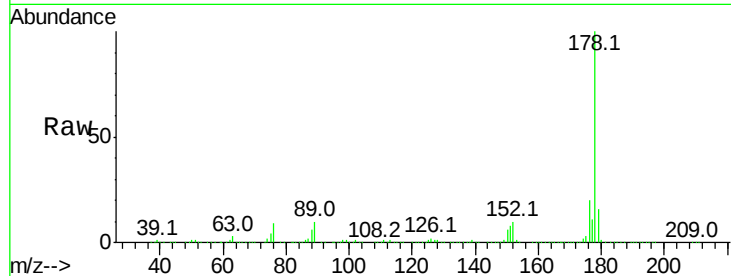
#71
 Anthracene
 Concen: 88.857 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.02 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-53-01MS

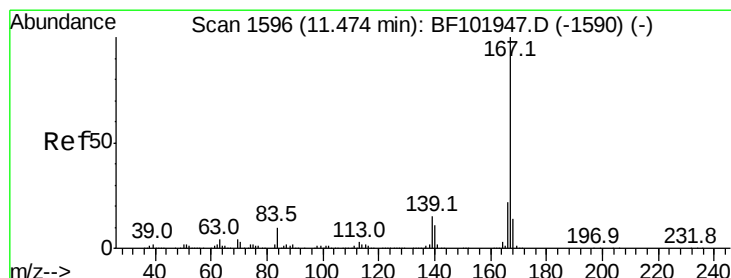
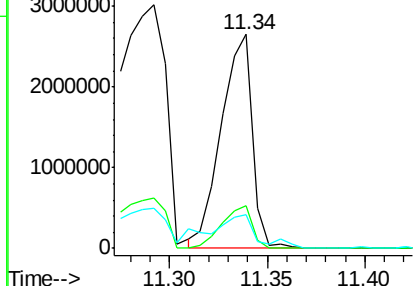
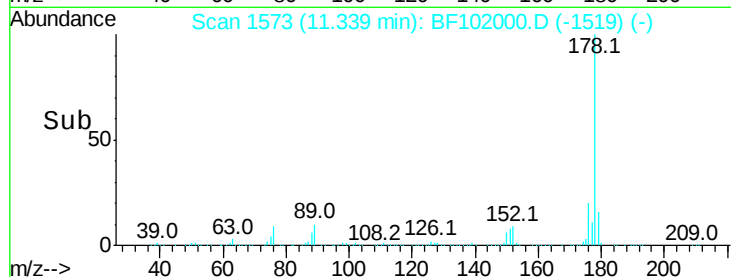
Tot Ion:178 Resp: 2920582
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.9 12.6 19.0

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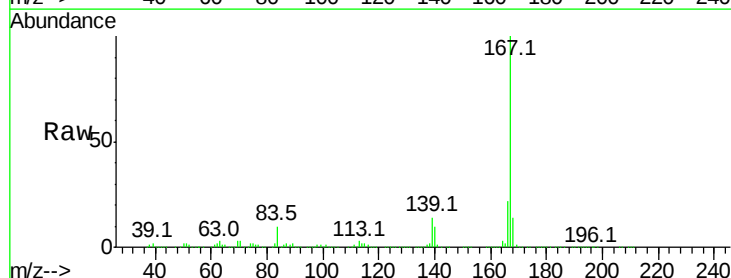


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

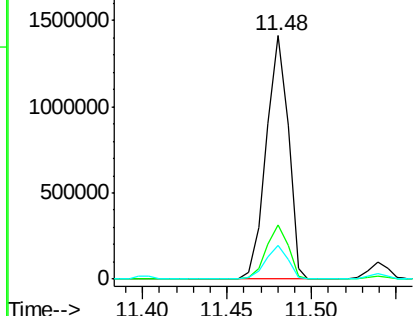
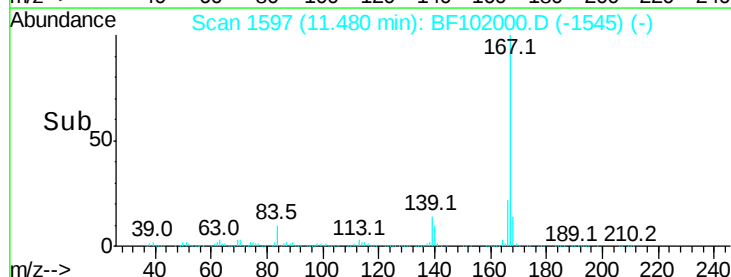


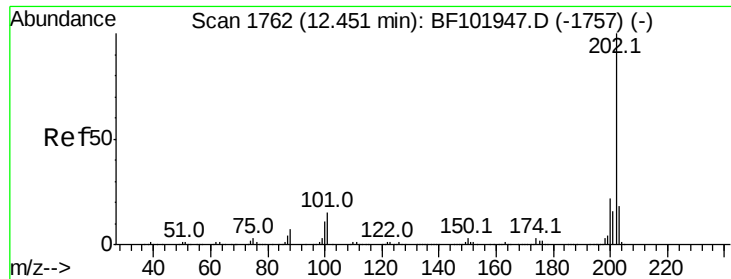
#72
 Carbazole
 Concen: 39.616 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Tgt Ion:167 Resp: 1279863
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 110.944 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.02 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

Tot Ion:202 Resp: 3537540

Ion Ratio Lower Upper

202 100

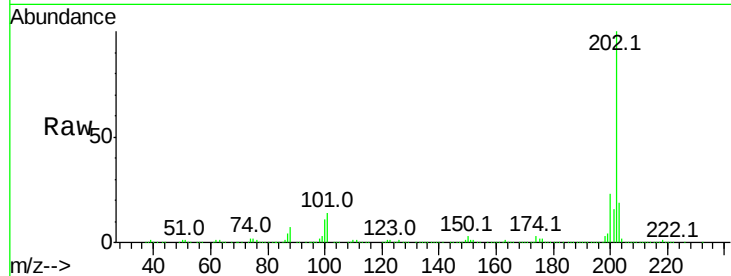
101 14.1 0.0 34.1

203 18.7 0.0 38.1

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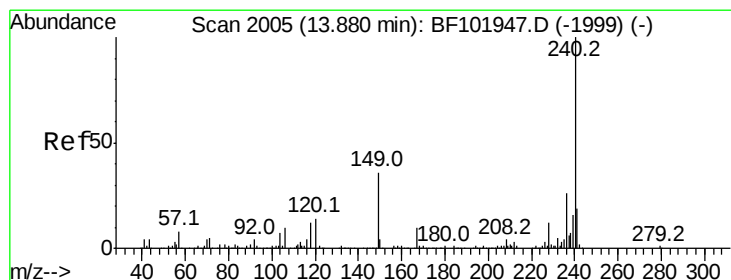
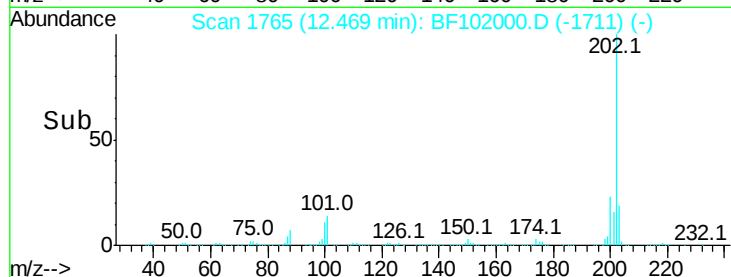
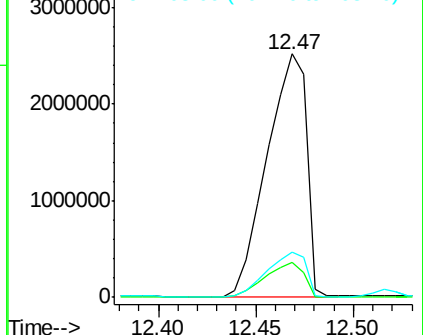
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

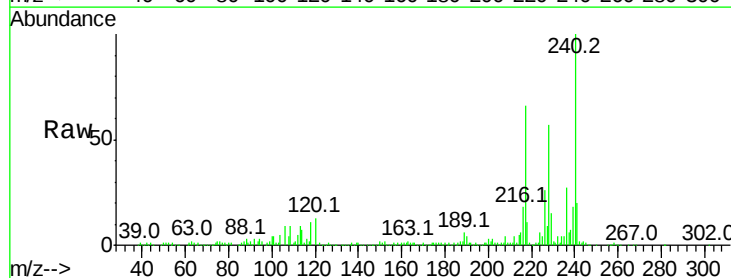
Tgt Ion:240 Resp: 303775

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

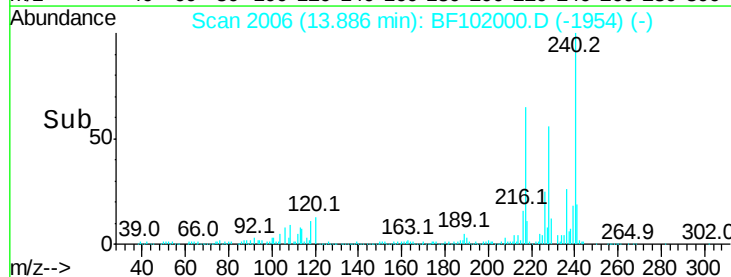
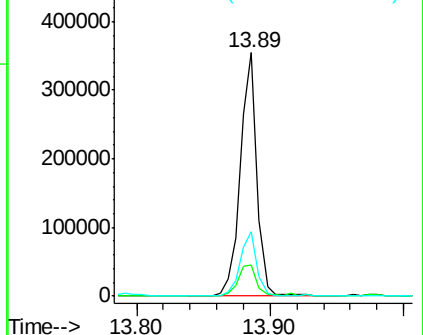
236 26.6 20.7 31.1

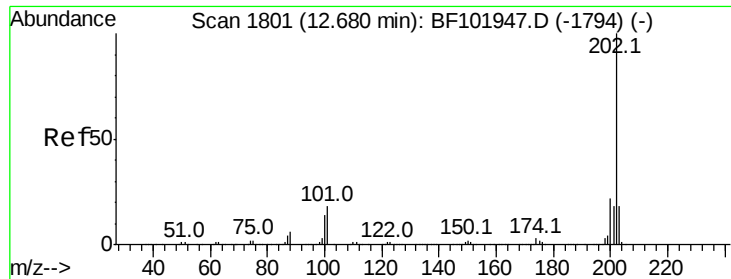


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 102.505 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.02 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

Tot Ion:202 Resp: 2752440

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

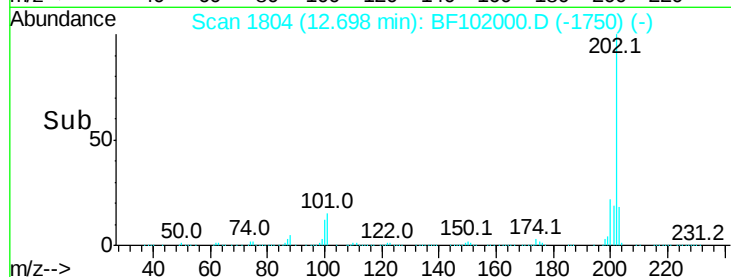
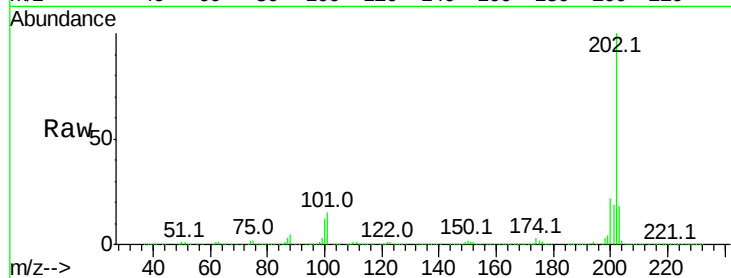
203 18.2 14.3 21.5

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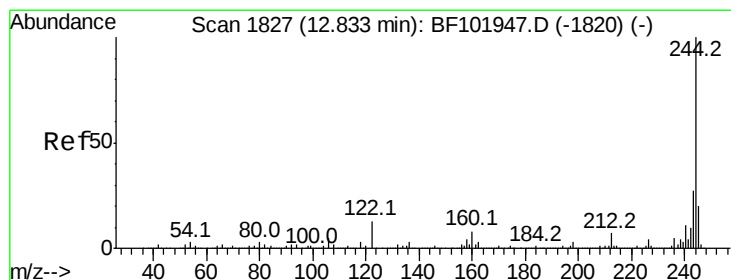
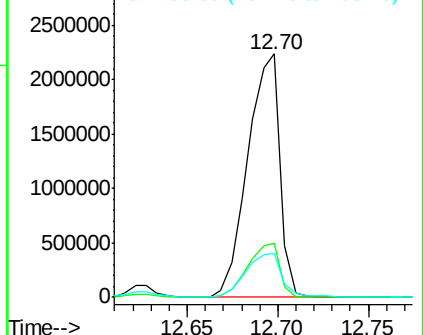
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 0.512 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

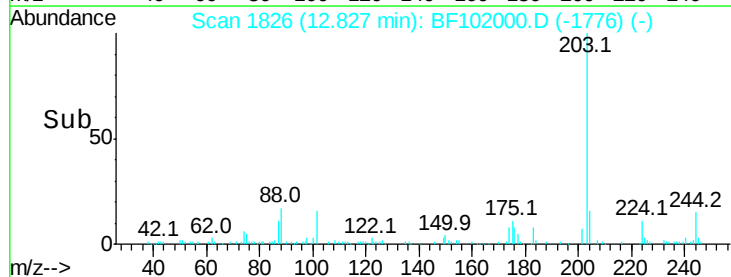
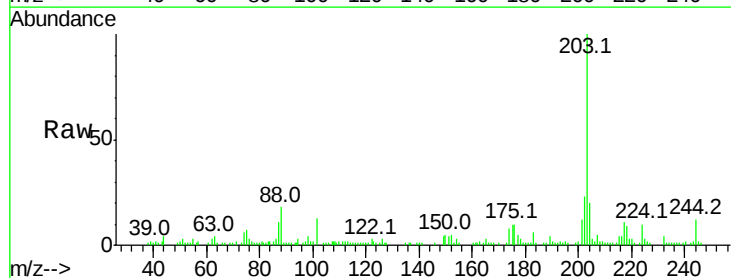
Tgt Ion:244 Resp: 7490

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

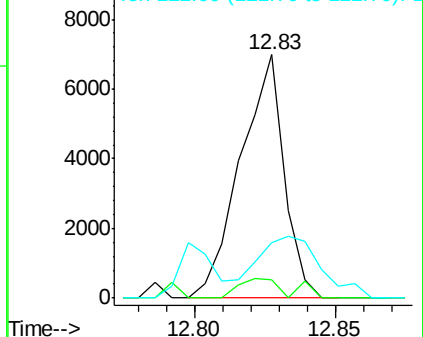
122 22.8 11.0 16.4#

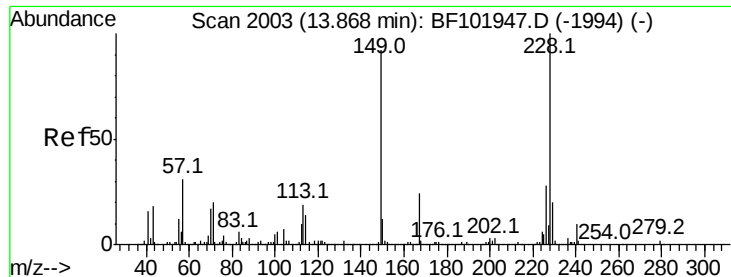


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 76.524 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

Tot Ion:228 Resp: 1483156

Ion Ratio Lower Upper

228 100

226 42.9 22.6 33.8#

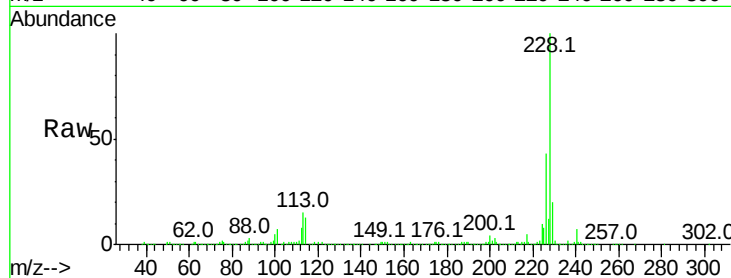
229 20.3 15.8 23.6

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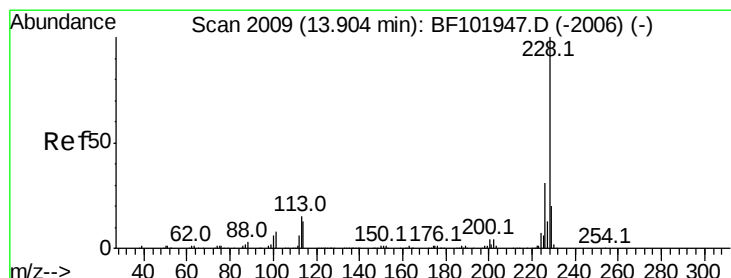
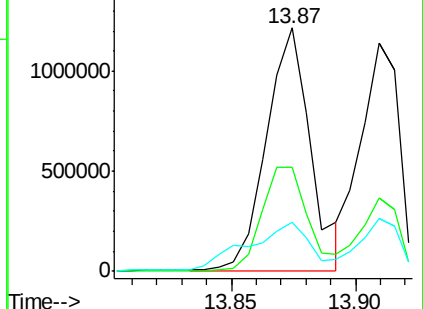
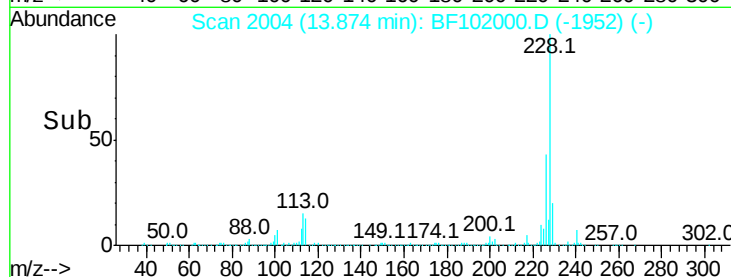
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 60.406 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

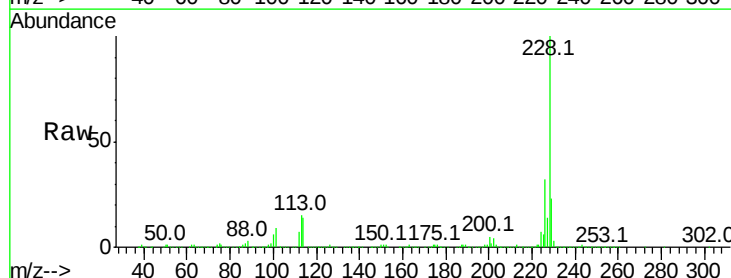
Tgt Ion:228 Resp: 1220798

Ion Ratio Lower Upper

228 100

226 32.2 25.0 37.6

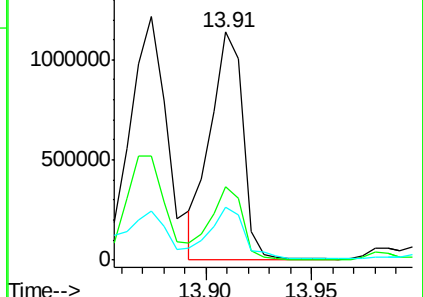
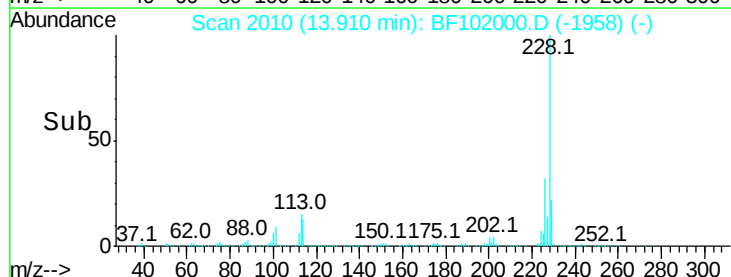
229 23.1 16.2 24.4

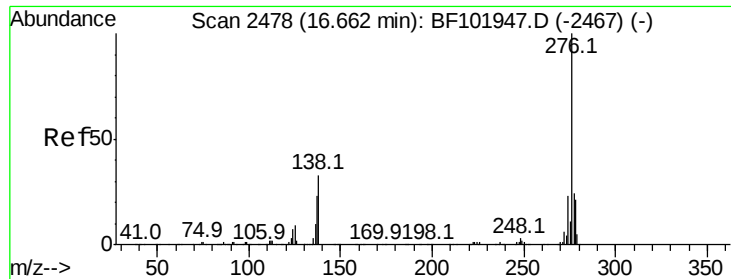


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





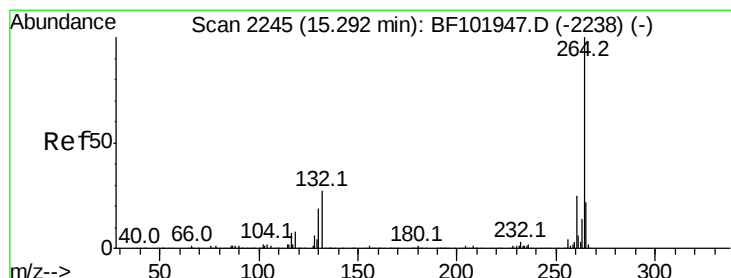
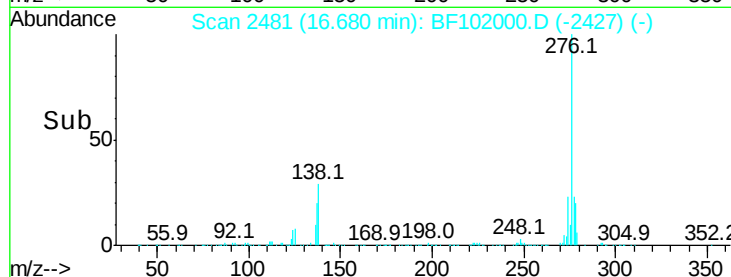
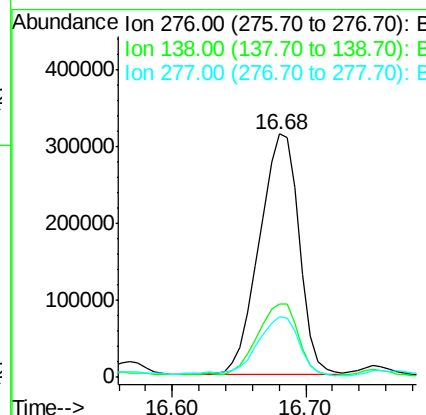
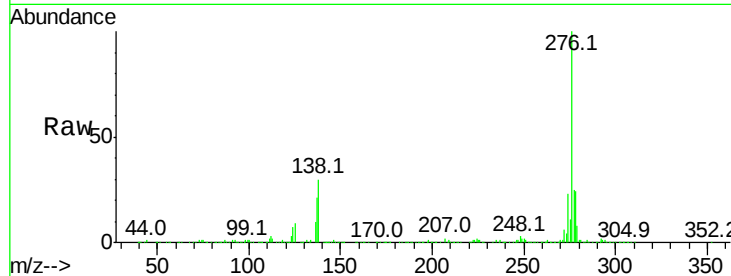
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.219 ng
 RT: 16.68 min Scan# 2481
 Delta R.T. 0.02 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-53-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	25.8	20.1	30.1

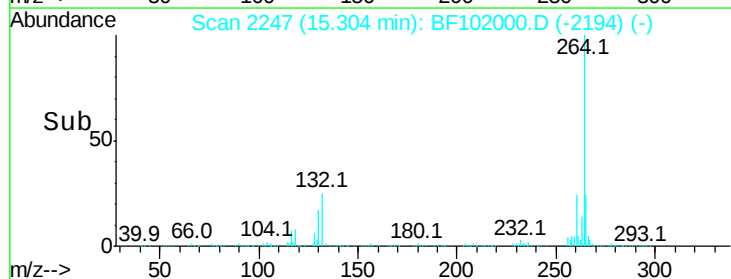
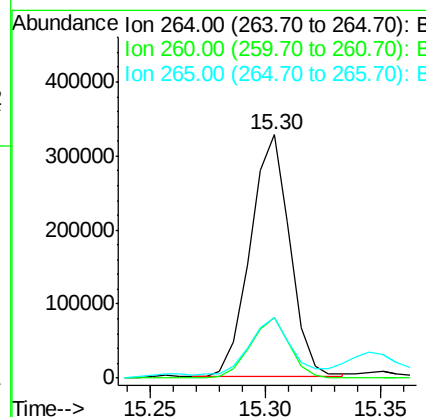
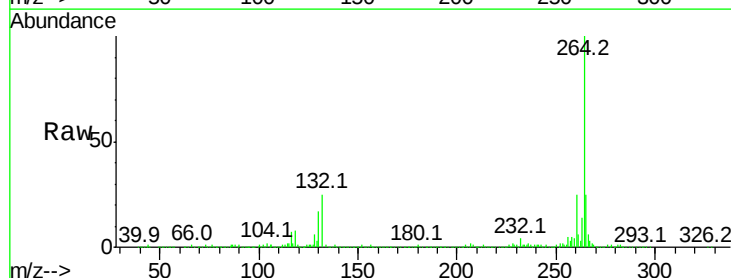
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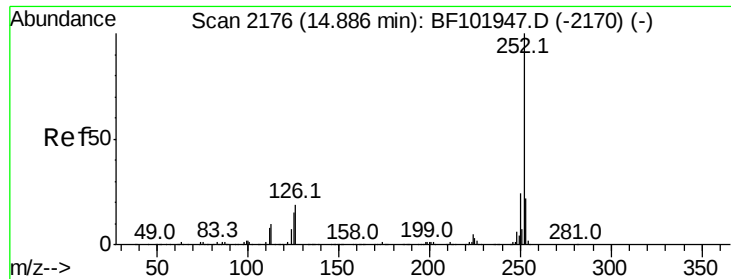
Sohil
 1/11/2018 10:53:26 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	24.7	17.5	26.3





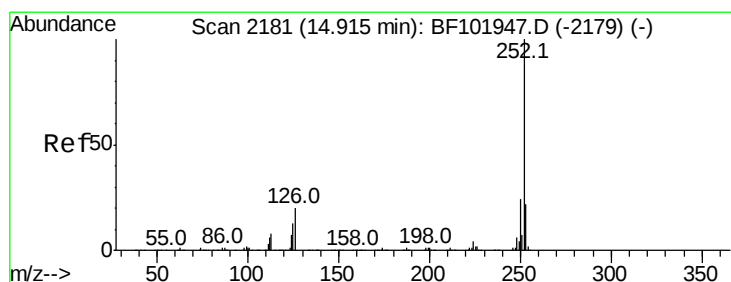
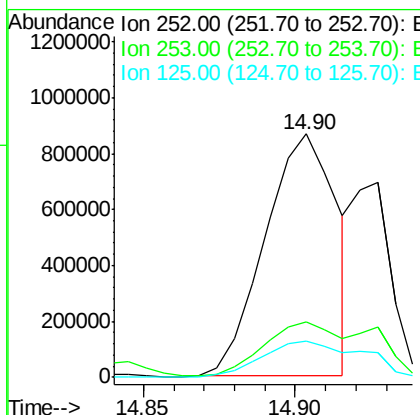
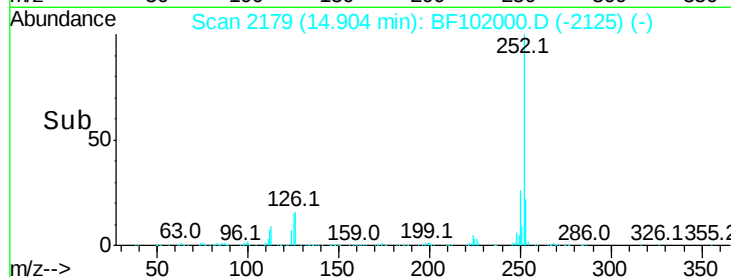
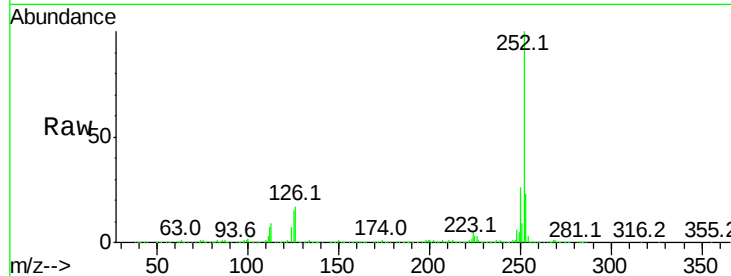
#87
Benzo(b)fluoranthene
Concen: 55.408 ng m
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.7	9.0	13.6

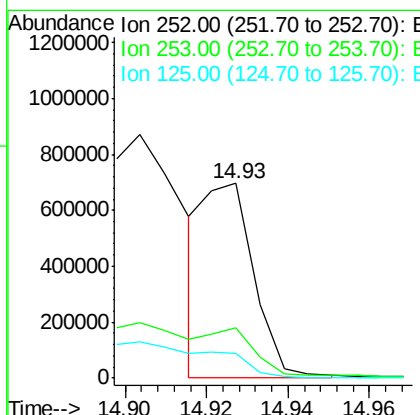
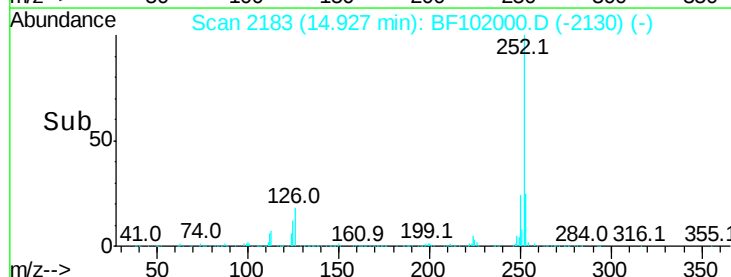
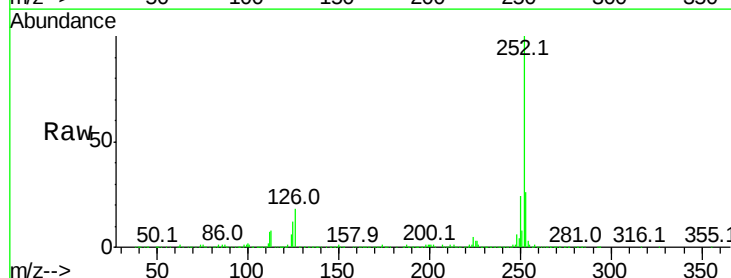
Manual Integrations
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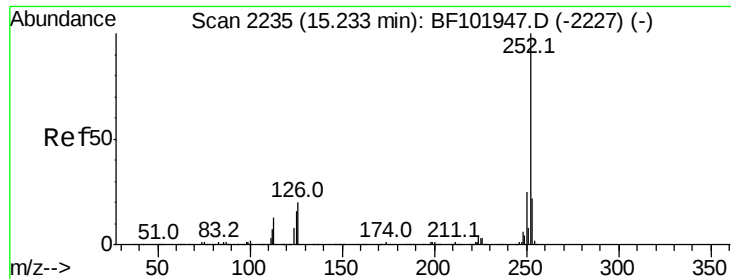
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#88
Benzo(k)fluoranthene
Concen: 23.940 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	12.4	10.2	15.2





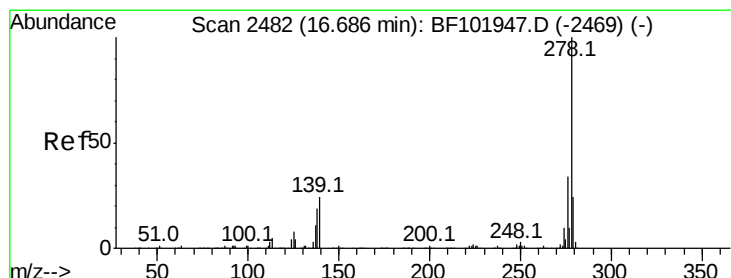
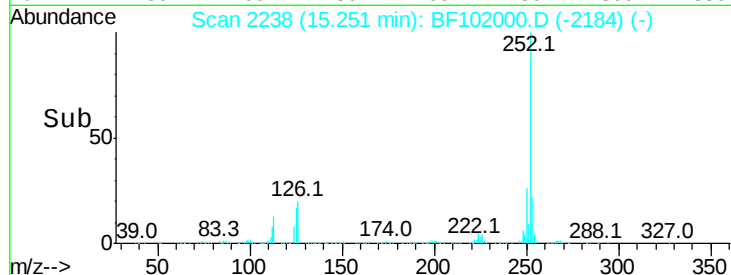
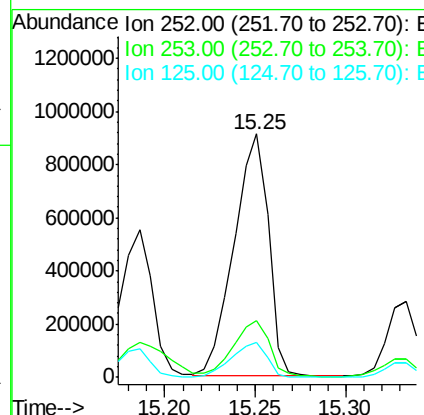
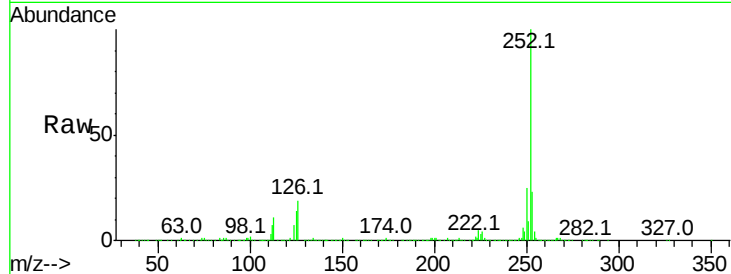
#89
Benzo(a)pyrene
Concen: 52.189 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

Tot Ion:252 Resp: 1203068
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 14.4 9.8 14.6

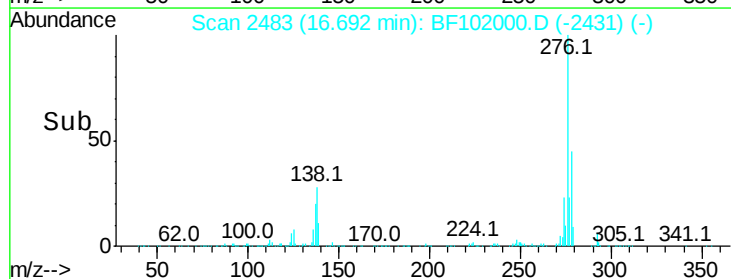
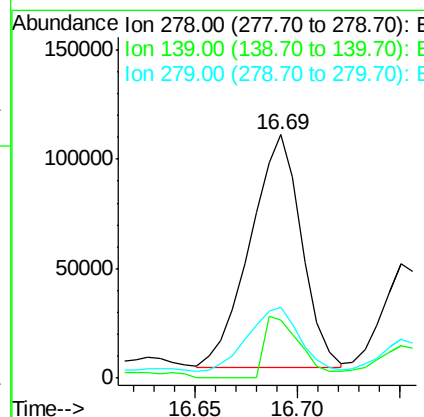
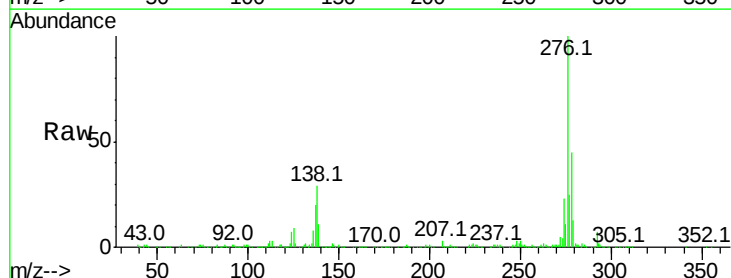
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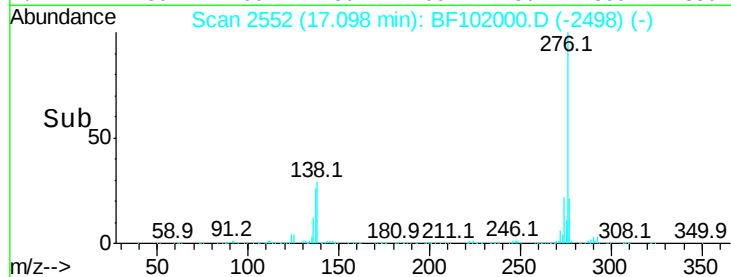
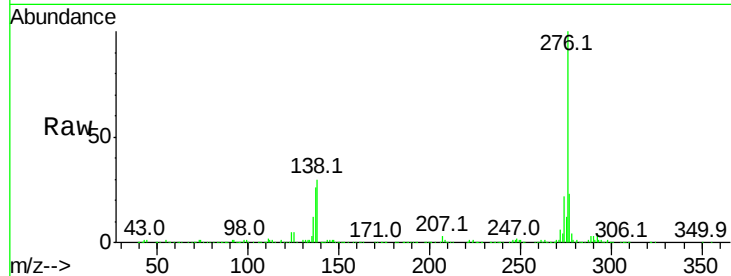
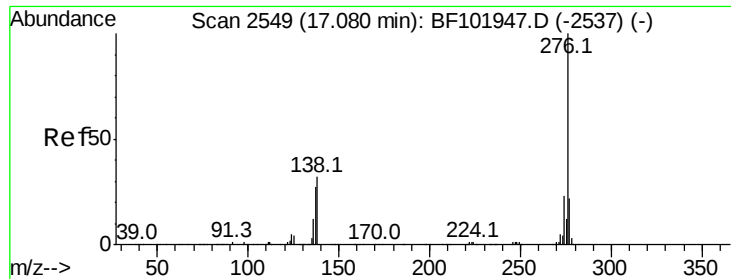
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#90
Dibenzo(a,h)anthracene
Concen: 10.048 ng m
RT: 16.69 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion:278 Resp: 184852
Ion Ratio Lower Upper
278 100
139 23.6 15.9 23.9
279 28.8 19.0 28.4#





#91

Benzo(a,h,i)perylene

Concen: 29.560 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	30.2	21.8	32.8

Manual Integrations
APPROVED

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