

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102341.D
 Acq On : 23 Jan 2018 13:11
 Operator : SJ/JU
 Sample : J1239-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11R-01

Manual Integrations
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Sohil
 1/24/2018 2:46:42 PM

Quant Time: Jan 24 11:31:47 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	160469	20.00	ng	0.01
21) Naphthalene-d8	8.02	136	473079	20.00	ng	0.02
38) Acenaphthene-d10	9.76	164	291282	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	493381	20.00	ng	0.00
75) Chrysene-d12	13.87	240	400819	20.00	ng	0.00
86) Perylene-d12	15.30	264	300480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1189116	112.36	ng	0.02
7) Phenol-d6	6.43	99	768195m	60.21	ng	0.07
23) Nitrobenzene-d5	7.32	82	977099	118.69	ng	0.04
41) 2,4,6-Tribromophenol	10.55	330	319676	110.76	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1579062	79.71	ng	0.00
78) Terphenyl-d14	12.83	244	1555750	87.50	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.19	79	306877	23.353	ng	96
10) Phenol	6.49	94	16258610m	1167.220	ng	
17) 2-Methylphenol	7.04	107	3224072	334.621	ng	97
20) 3+4-Methylphenols	7.23	107	9789455	863.893	ng	88
27) 2,4-Dimethylphenol	7.70	122	1394210	216.548	ng	97
31) Naphthalene	8.05	128	10301355	436.127	ng	97
37) 2-Methylnaphthalene	8.73	142	593328	37.719	ng	100
45) 1,1'-Biphenyl	9.18	154	141779	5.444	ng	98
48) Acenaphthylene	9.62	152	1392869	44.162	ng	99
54) Dibenzofuran	9.96	168	405991	16.286	ng	99
57) Fluorene	10.30	166	315139	15.953	ng	# 96
70) Phenanthrene	11.26	178	425298	14.793	ng	98
71) Anthracene	11.31	178	131943m	4.496	ng	
72) Carbazole	11.49	167	1580505	55.207	ng	99
76) Benzidine	12.58	184	65202	4.842	ng	97

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

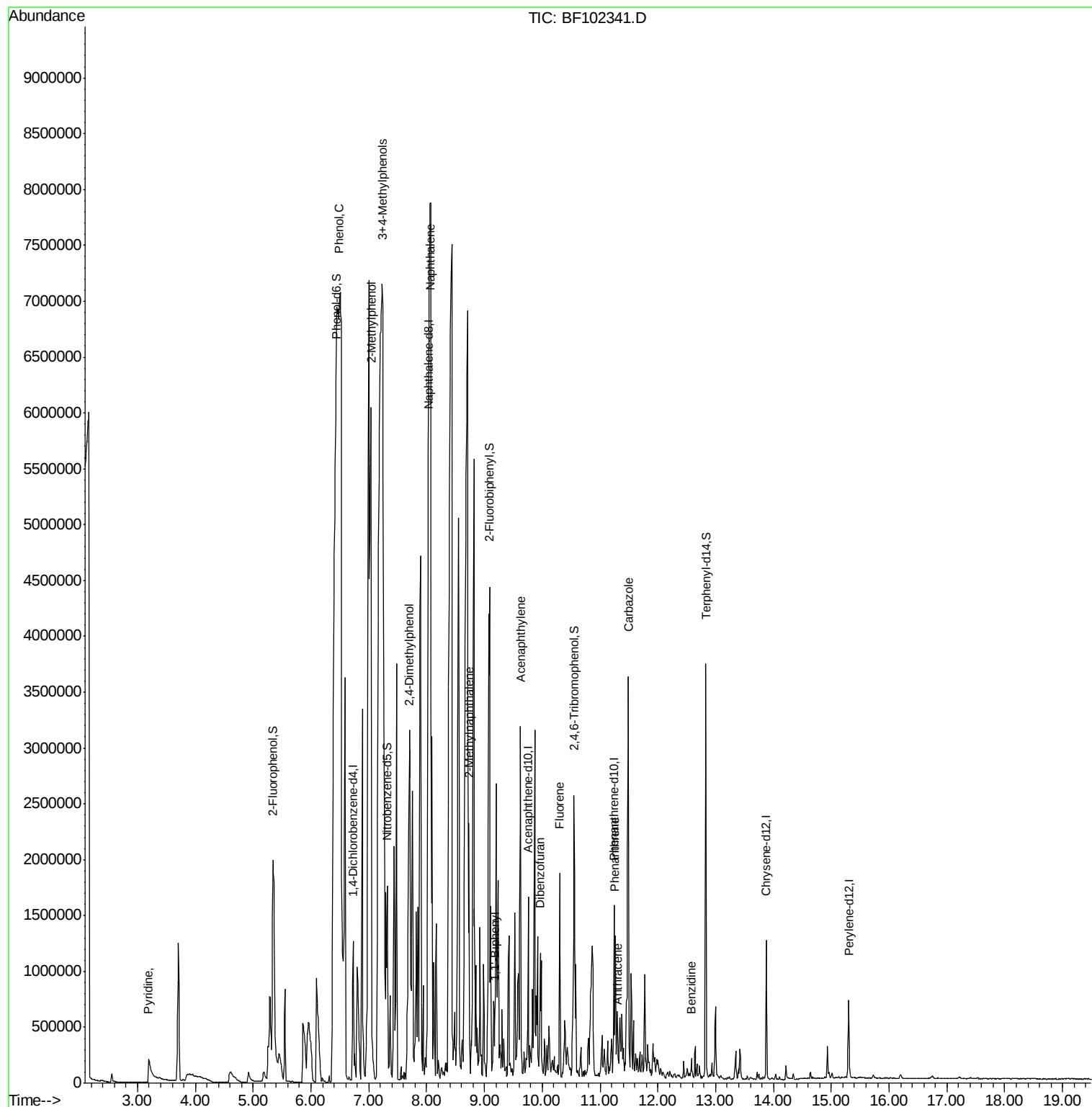
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Data File : BF102341.D
Acq On : 23 Jan 2018 13:11
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Sample : J1239-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

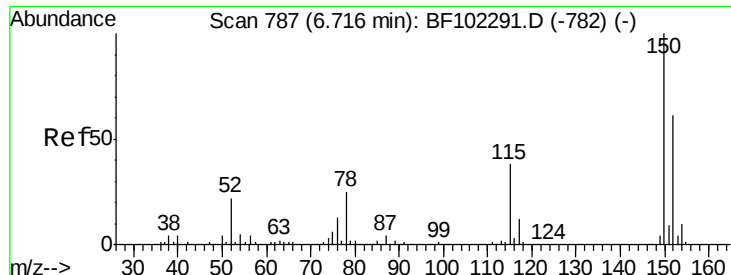
Instrument :
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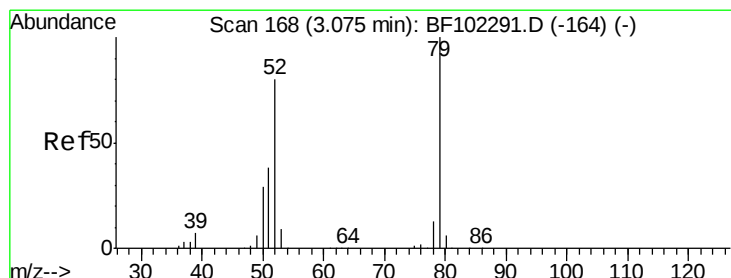
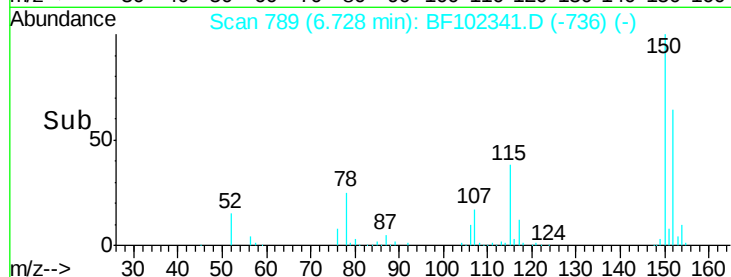
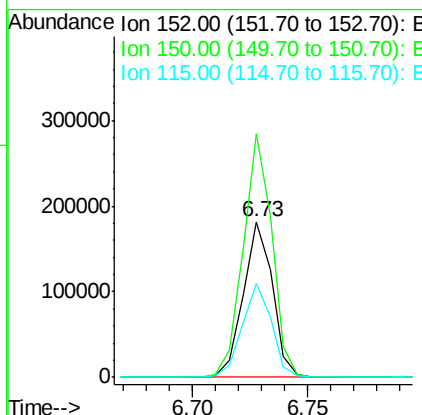
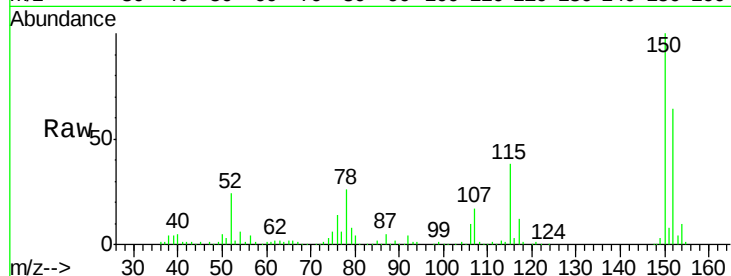
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	60.2	50.1	75.1

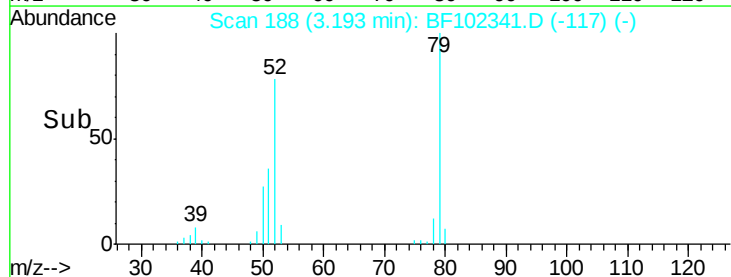
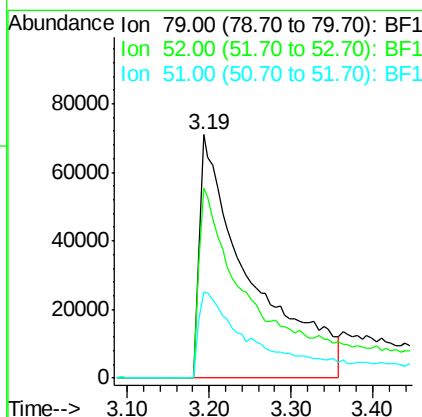
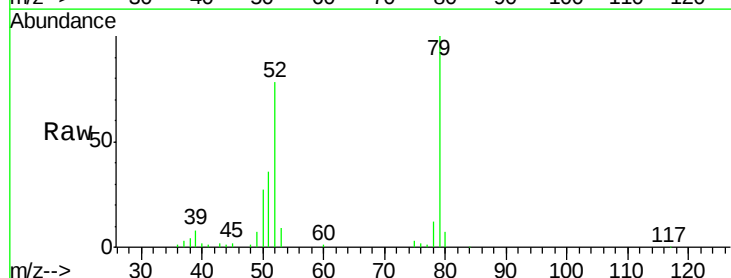
Manual Integrations
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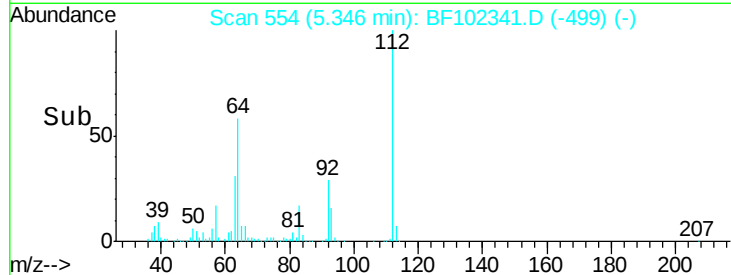
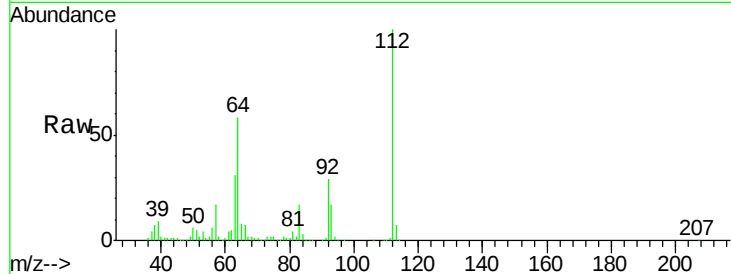
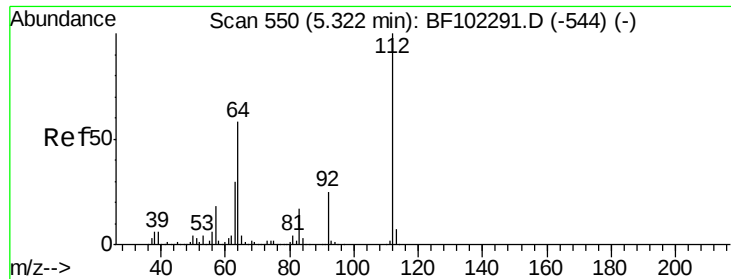
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#3
 Pyridine
 Concen: 23.353 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.12 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.1	59.8	89.6
51	35.5	29.8	44.8





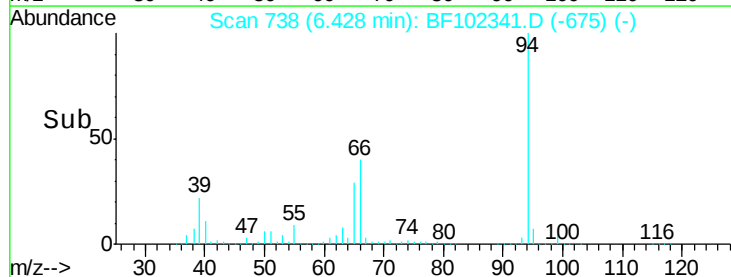
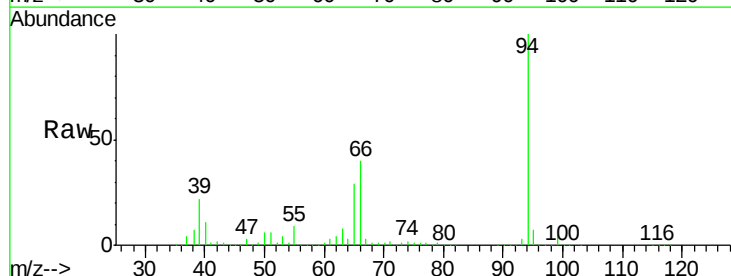
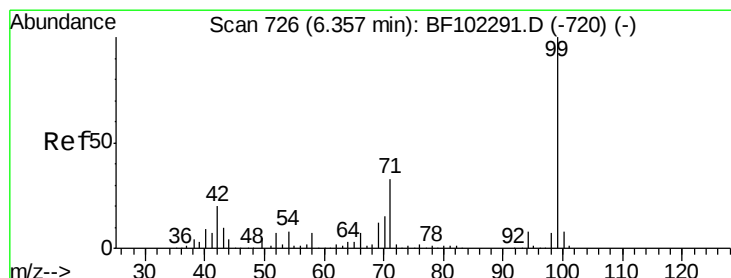
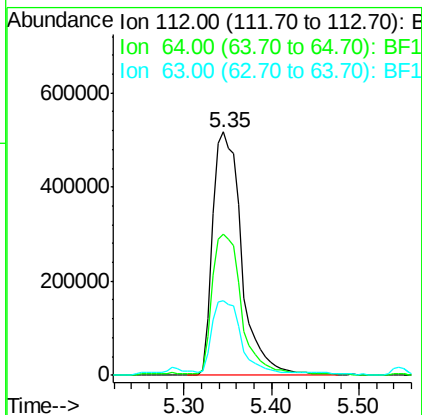
#5
2-Fluorophenol
Concen: 112.359 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion: 112 Resp: 1189116
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 30.9 23.7 35.5

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

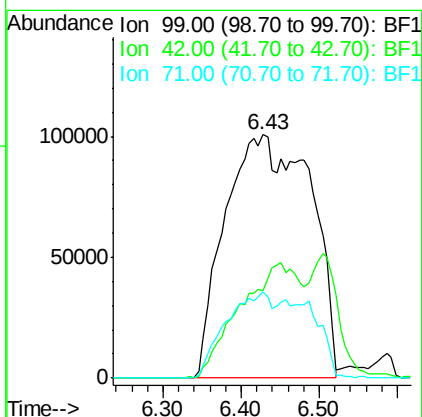
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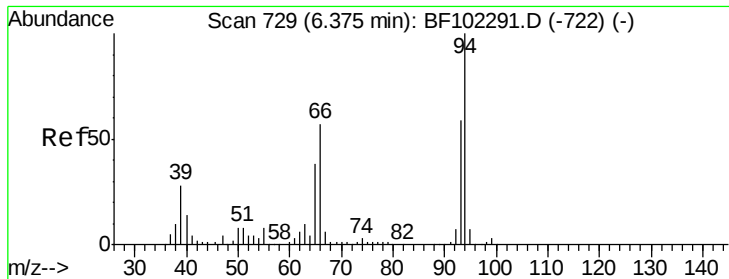
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#7
Phenol-d6
Concen: 60.208 ng m
RT: 6.43 min Scan# 738
Delta R.T. 0.07 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion: 99 Resp: 768195
Ion Ratio Lower Upper
99 100
42 35.8 14.5 21.7#
71 35.3 25.4 38.0





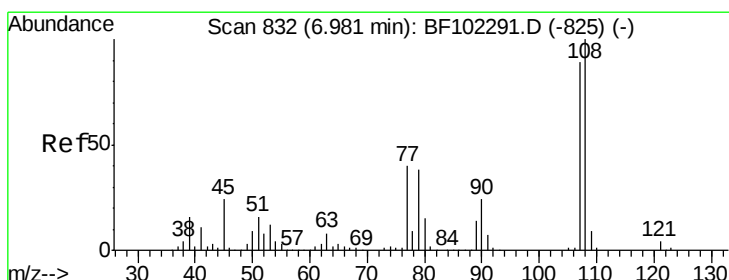
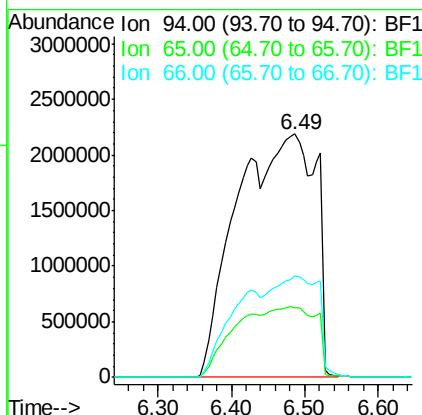
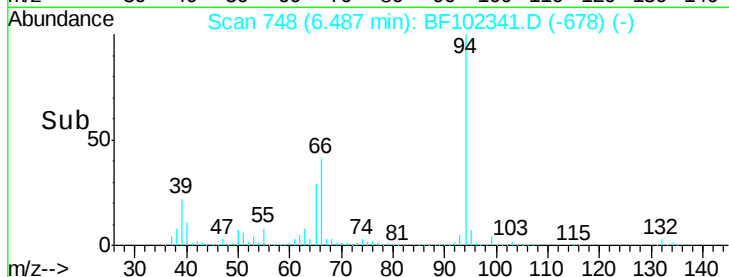
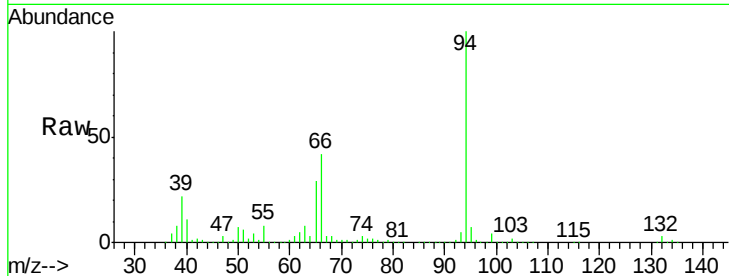
#10
Phenol
Concen: 1167.220 ng m
RT: 6.49 min Scan# 748
Delta R.T. 0.11 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampled :
WC-11R-01

Tgt Ion: 94 Resp:16258610
Ion Ratio Lower Upper
94 100
65 28.8 7.9 47.9
66 41.5 16.2 56.2

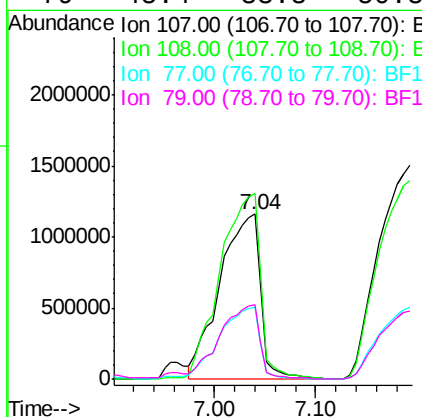
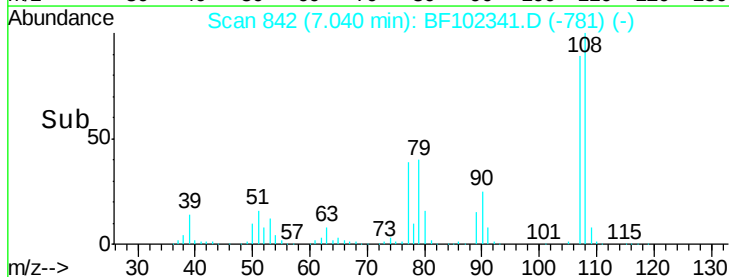
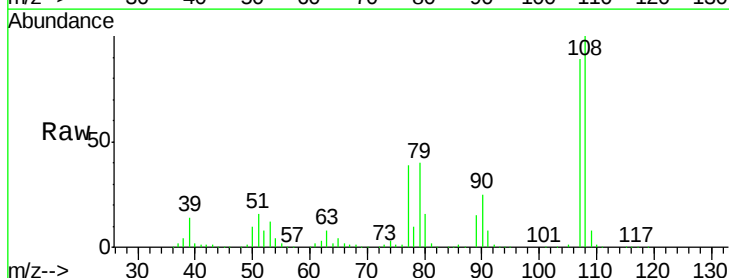
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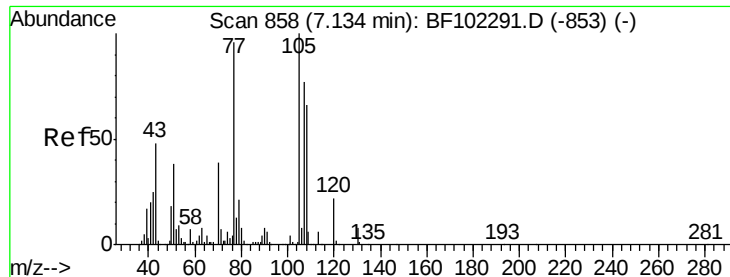
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#17
2-Methylphenol
Concen: 334.621 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.06 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:107 Resp: 3224072
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 43.7 33.8 50.8
79 45.4 33.8 50.8





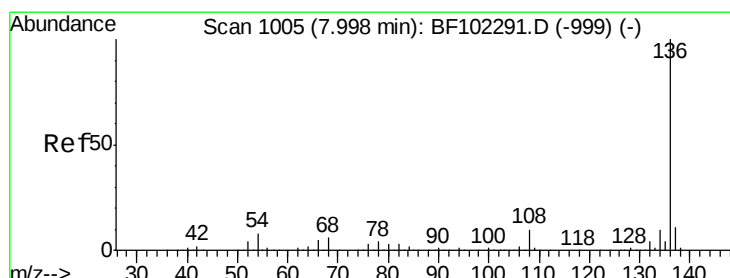
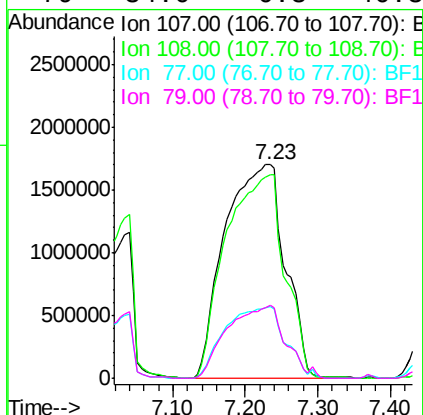
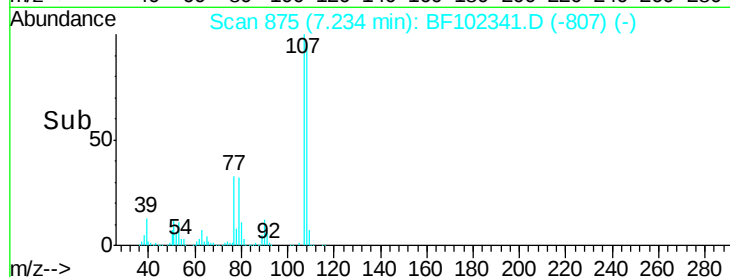
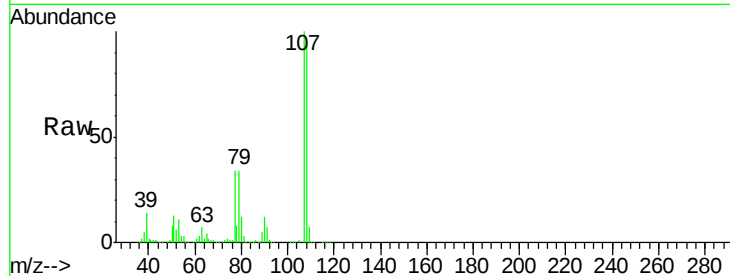
#20
3+4-Methylphenols
Concen: 863.893 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.10 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampled :
WC-11R-01

Tgt Ion	107	Resp	9789455
Ion	Ratio	Lower	Upper
107	100		
108	95.5	68.2	108.2
77	33.6	26.7	66.7
79	34.0	6.3	46.3

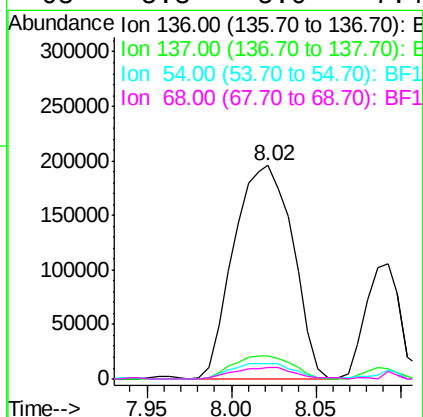
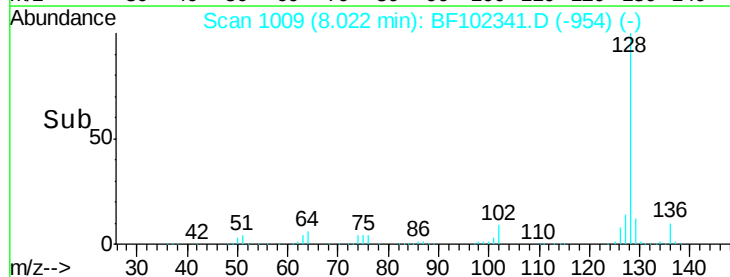
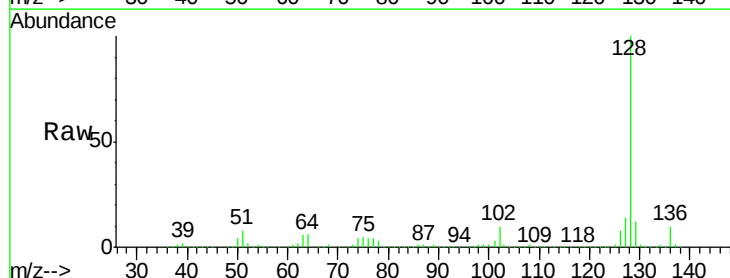
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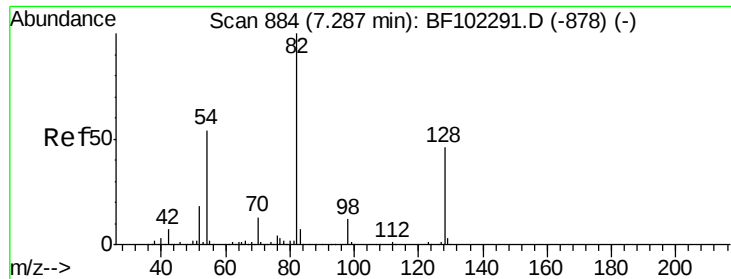
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion	136	Resp	473079
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.3	5.0	7.4





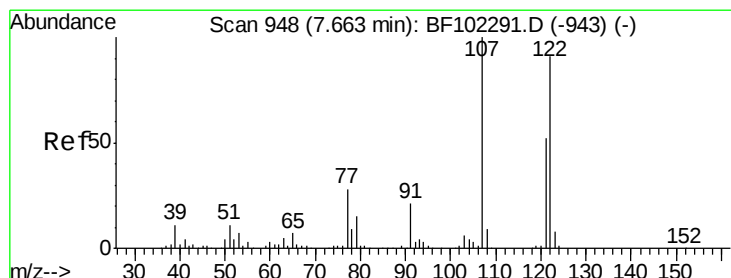
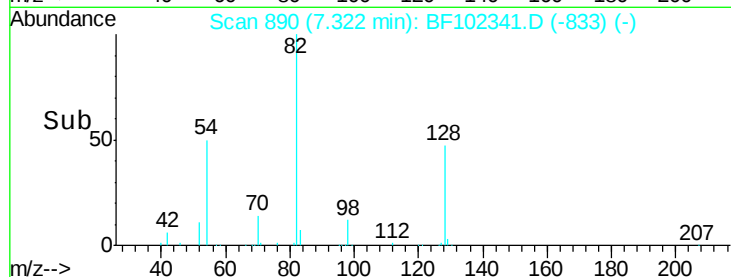
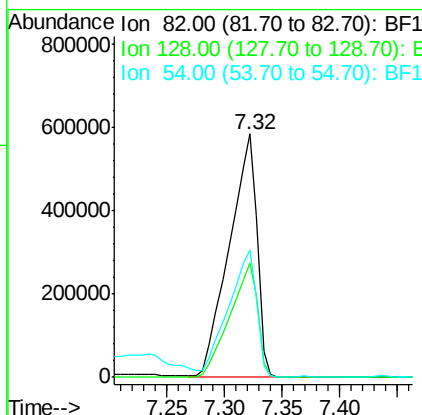
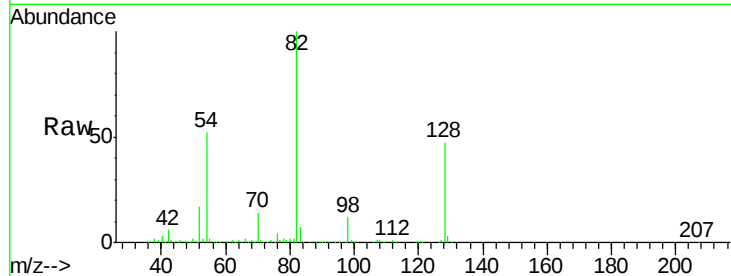
#23
Nitrobenzene-d5
Concen: 118.692 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.04 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	52.3	41.4	62.2

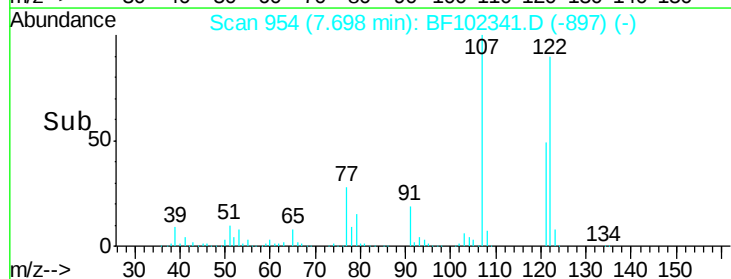
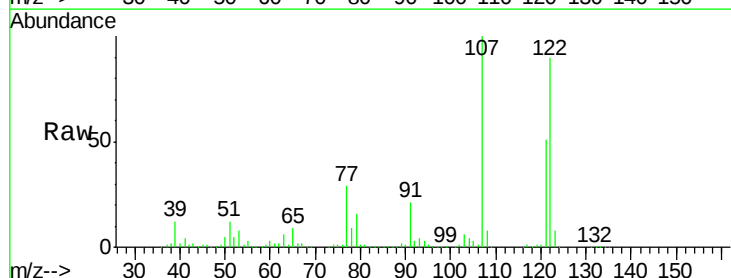
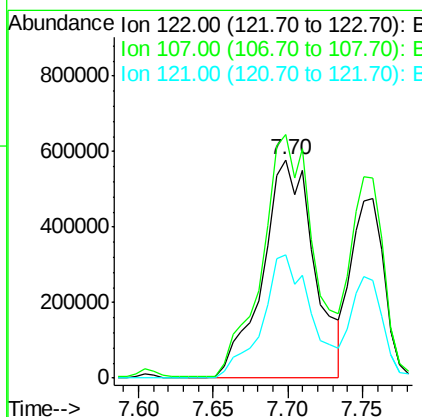
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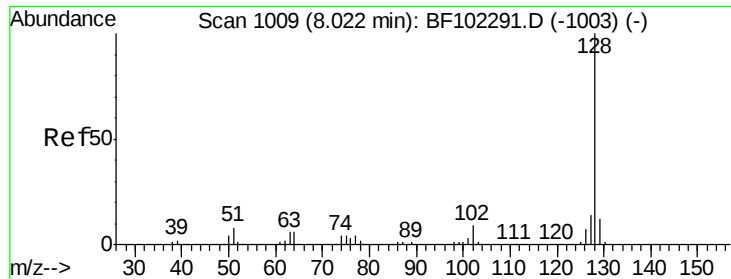
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#27
2,4-Dimethylphenol
Concen: 216.548 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.04 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.4	91.2	136.8
121	56.3	47.2	70.8





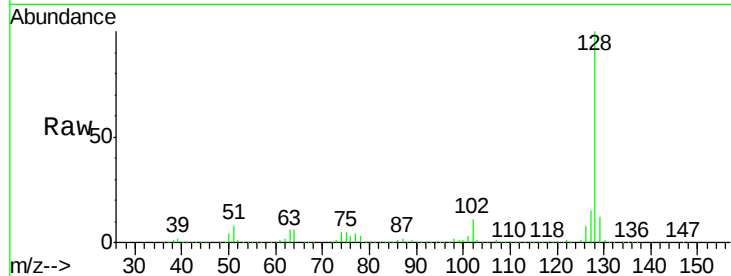
#31
Naphthalene
Concen: 436.127 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.03 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

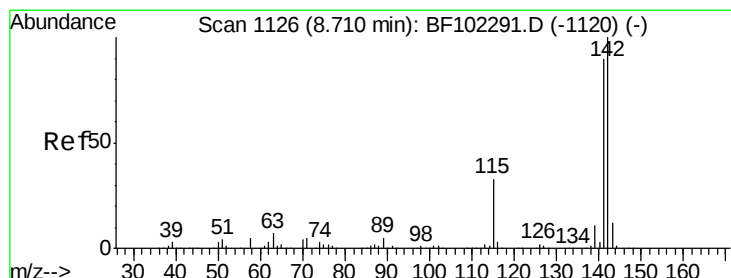
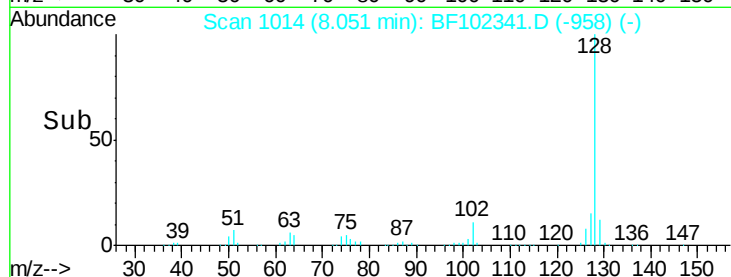
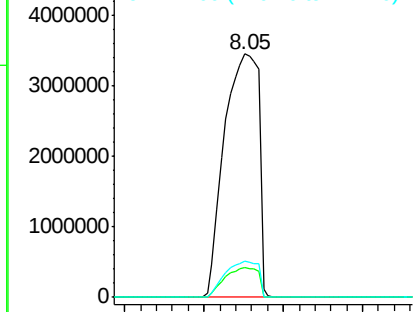
Tgt Ion:128 Resp:10301355
Ion Ratio Lower Upper
128 100
129 12.2 8.8 13.2
127 14.7 10.9 16.3

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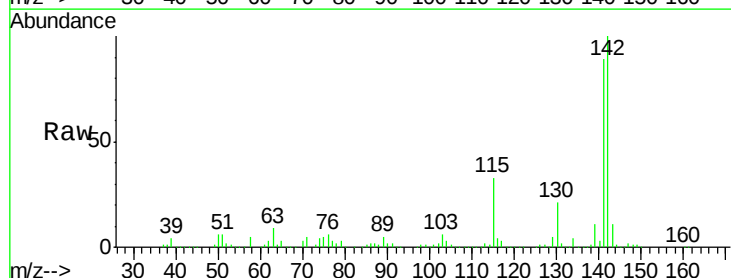


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

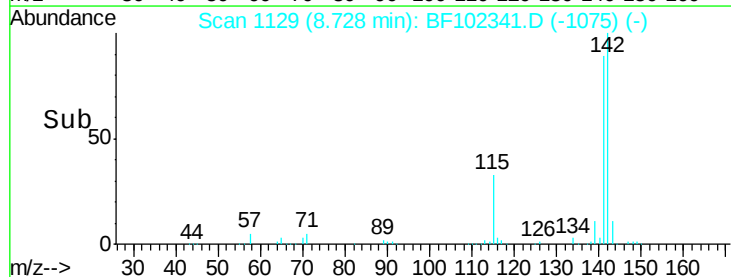
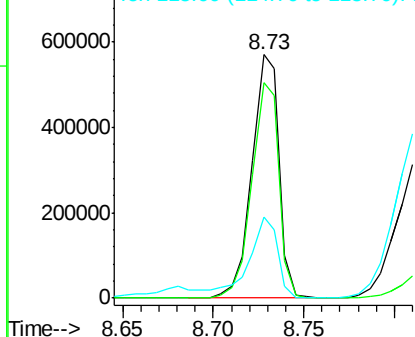


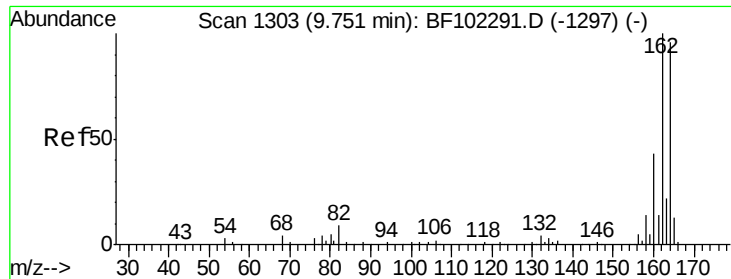
#37
2-Methylnaphthalene
Concen: 37.719 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:142 Resp: 593328
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 33.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





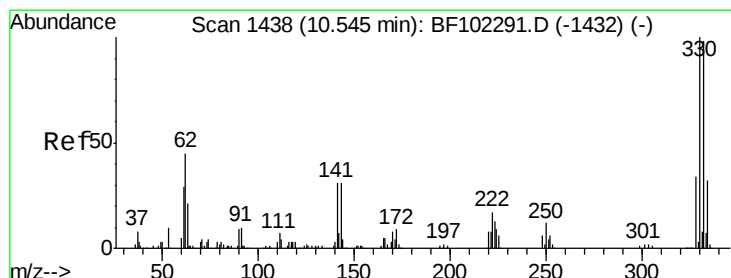
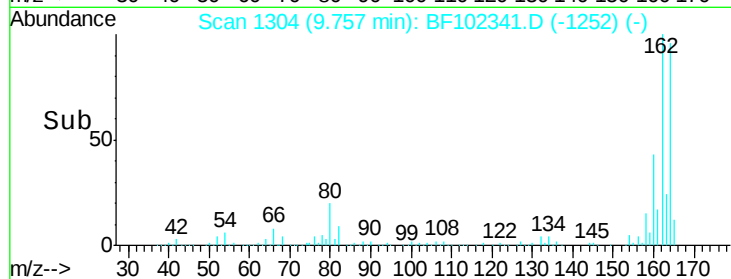
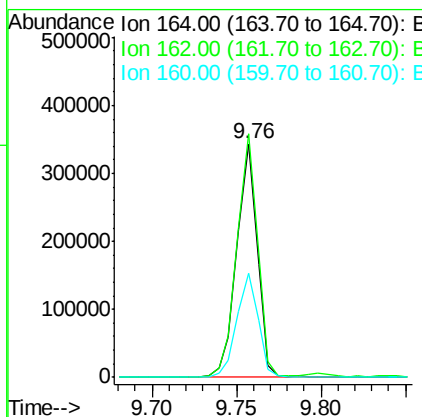
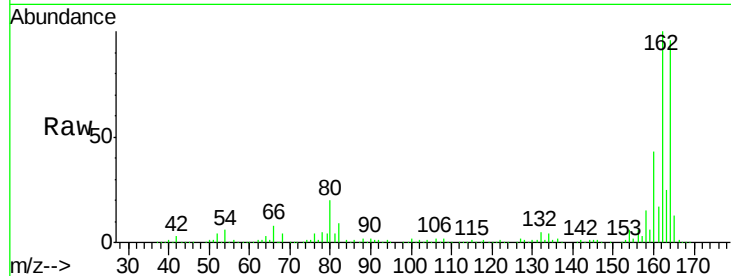
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	291282		
162	104.2	86.1	129.1	
160	44.8	38.3	57.5	

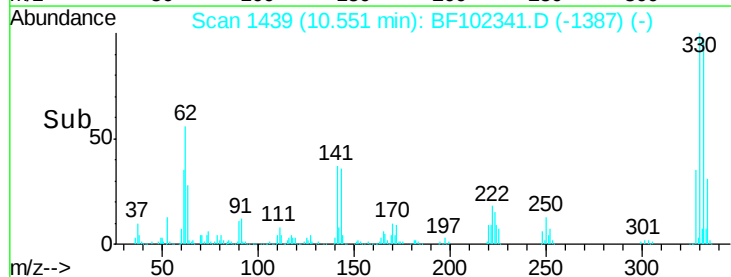
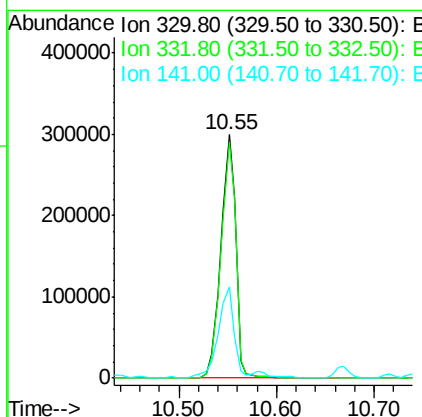
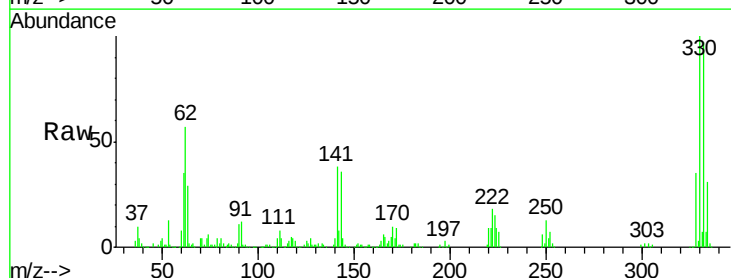
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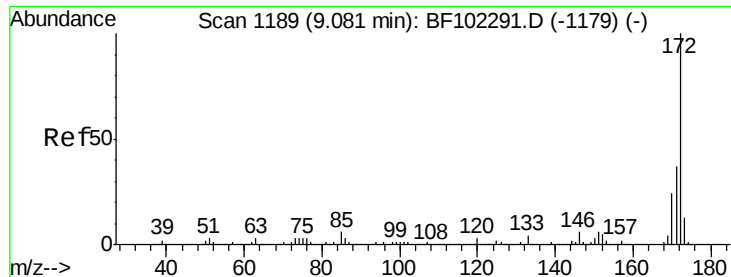
Sohil
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#41
2,4,6-Tribromophenol
Concen: 110.761 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	319676		
332	97.1	77.0	115.6	
141	38.9	29.9	44.9	





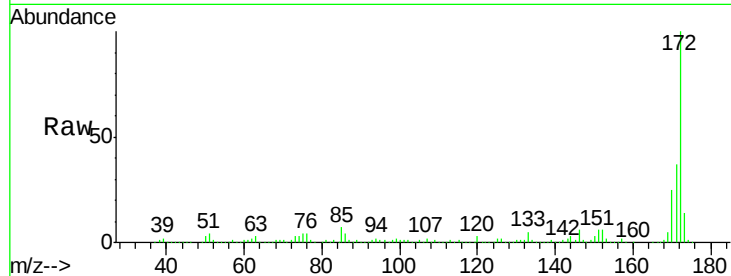
#44
 2-Fluorobiphenyl
 Concen: 79.709 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-11R-01

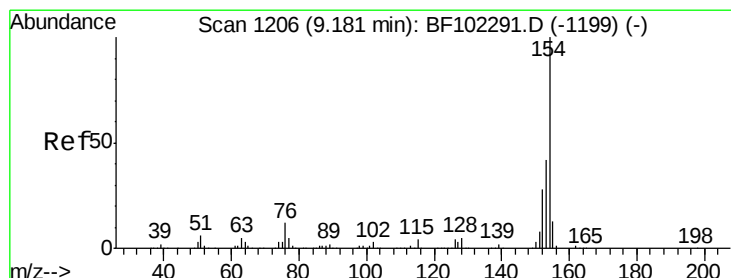
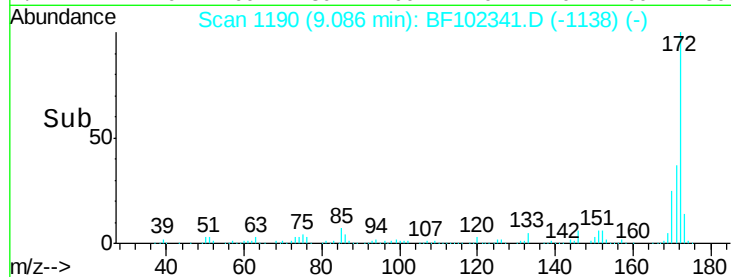
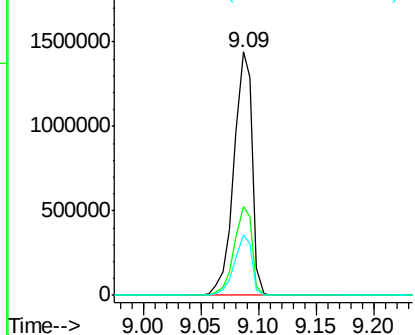
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	19.6	29.4

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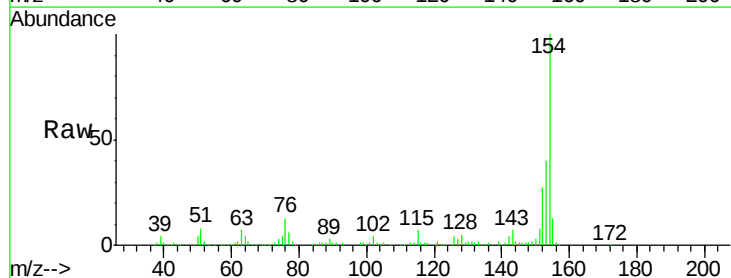


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

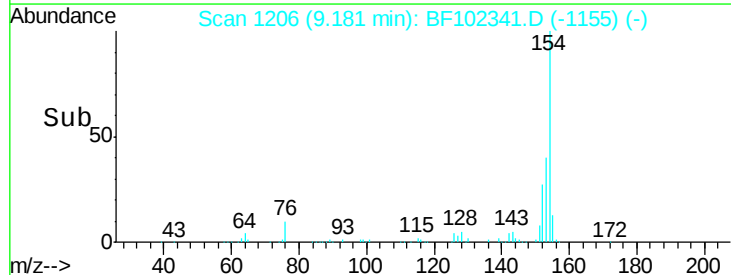
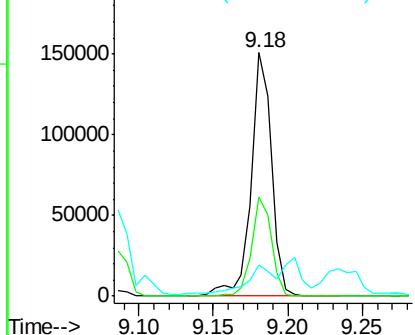


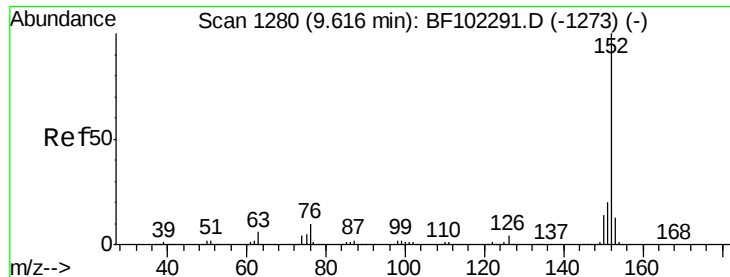
#45
 1,1'-Biphenyl
 Concen: 5.444 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.8	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E
 200000
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#48

Acenaphthylene

Concen: 44.162 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

WC-11R-01

Tgt Ion:152 Resp: 1392869

Ion Ratio Lower Upper

152 100

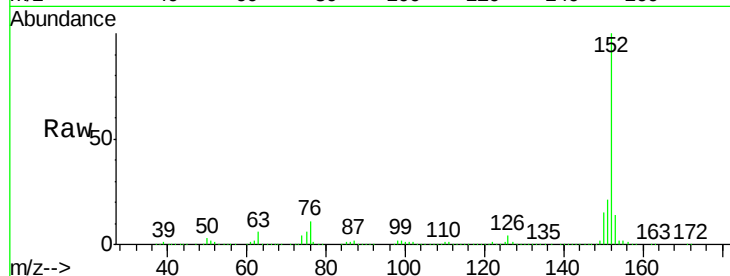
151 21.1 16.3 24.5

153 13.6 10.7 16.1

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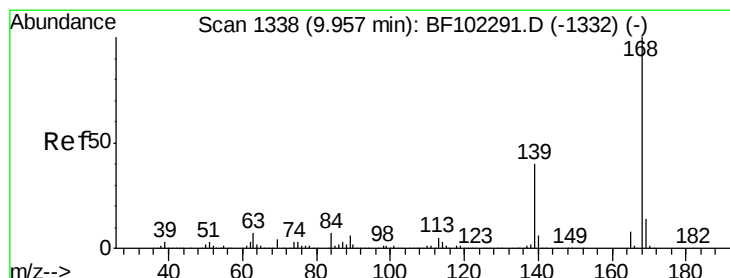
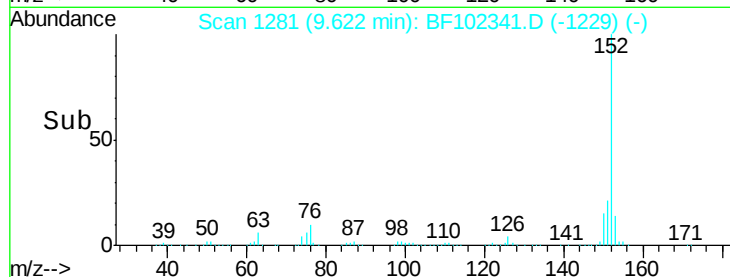
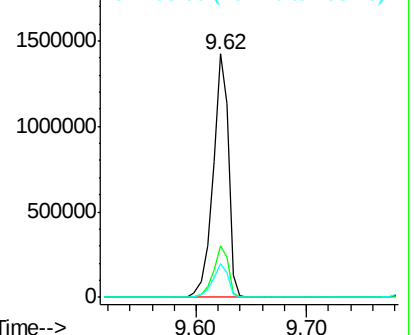
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#54

Dibenzofuran

Concen: 16.286 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

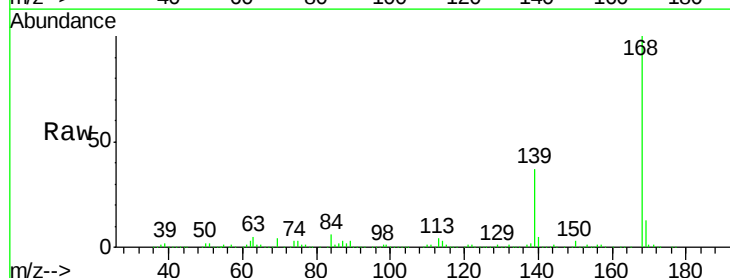
Tgt Ion:168 Resp: 405991

Ion Ratio Lower Upper

168 100

139 37.2 30.1 45.1

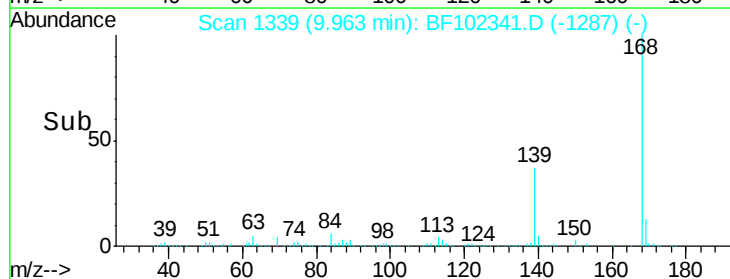
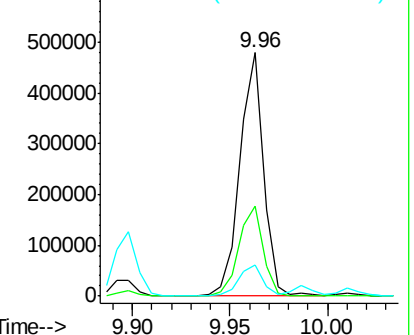
169 13.0 10.9 16.3

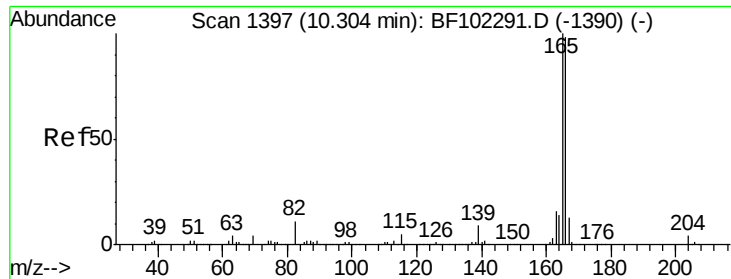


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





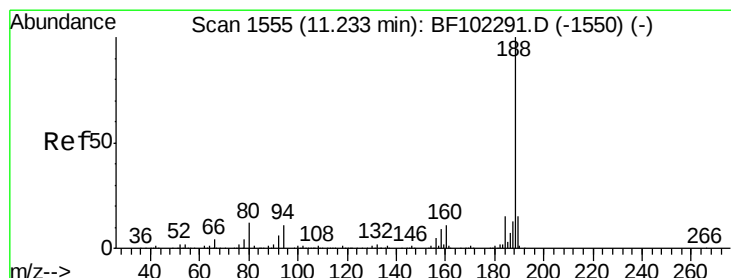
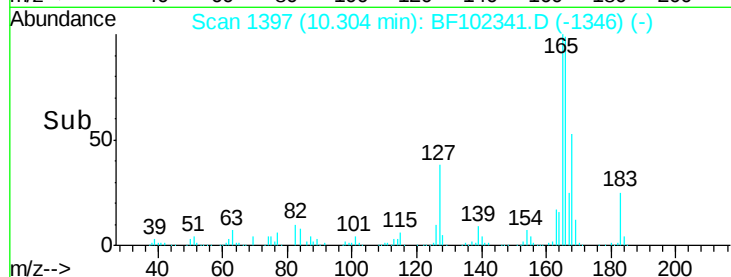
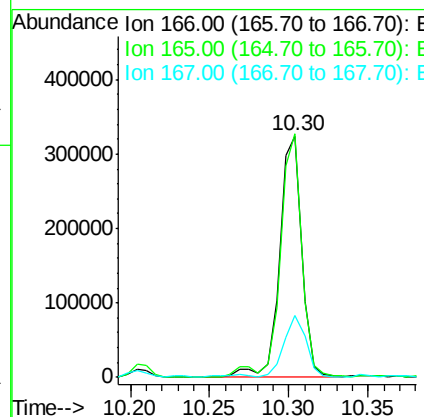
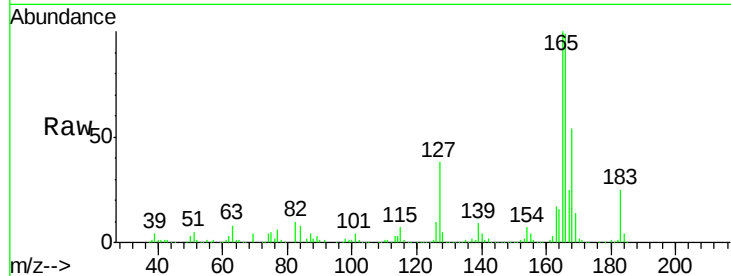
#57
Fluorene
 Concen: 15.953 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-11R-01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	315139		
165	100.7	79.8	119.8	
167	25.4	10.6	16.0	

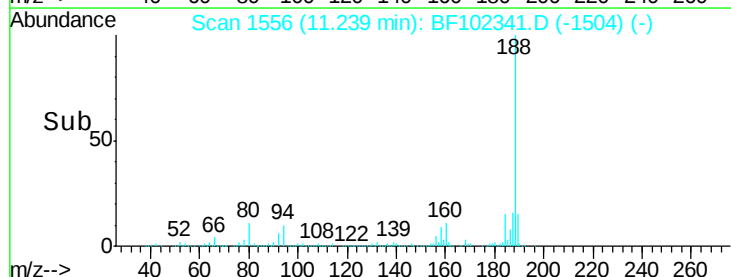
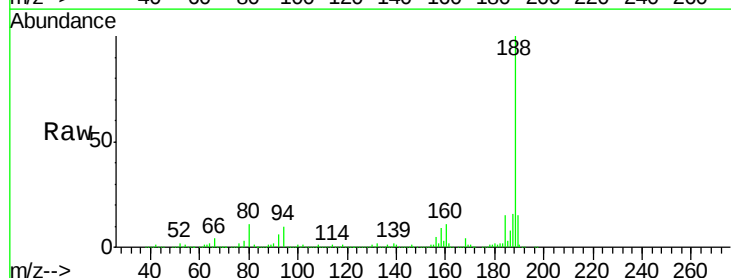
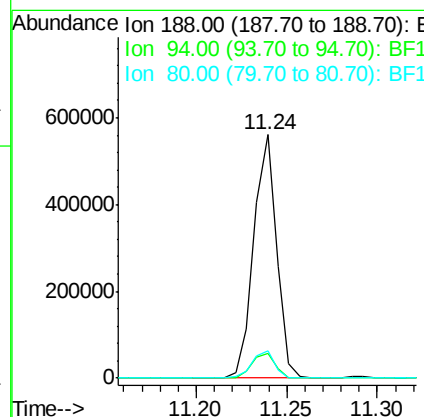
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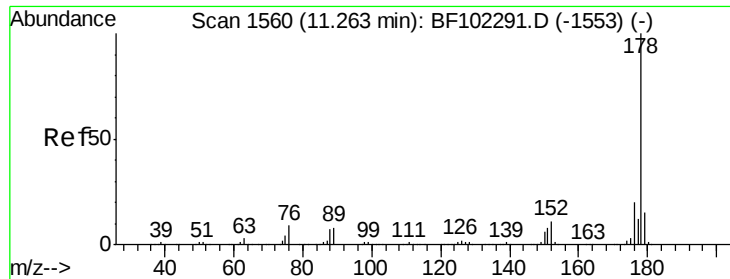
Sohil
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.01 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	493381		
94	10.1	8.5	12.7	
80	11.3	9.2	13.8	





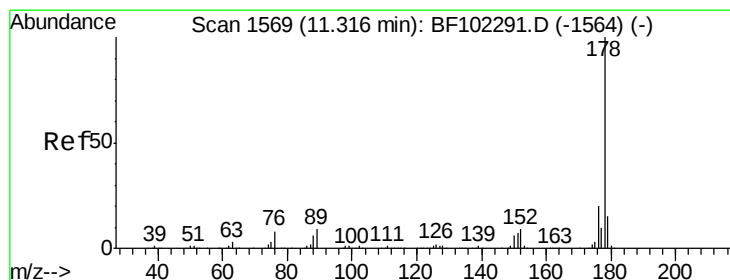
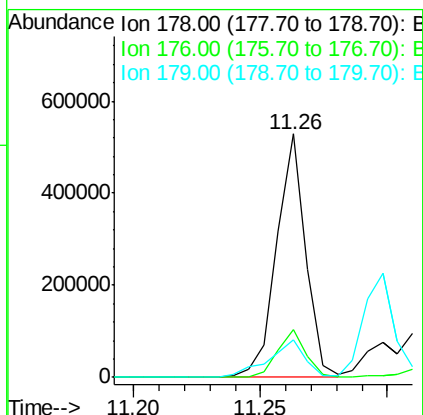
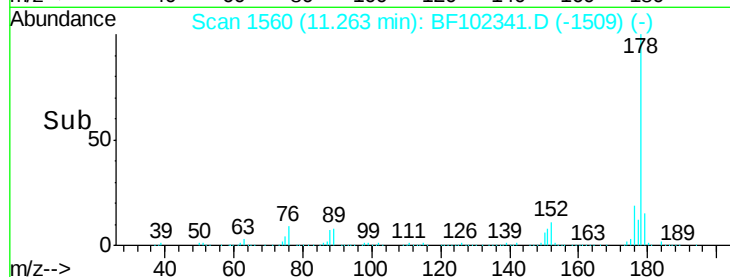
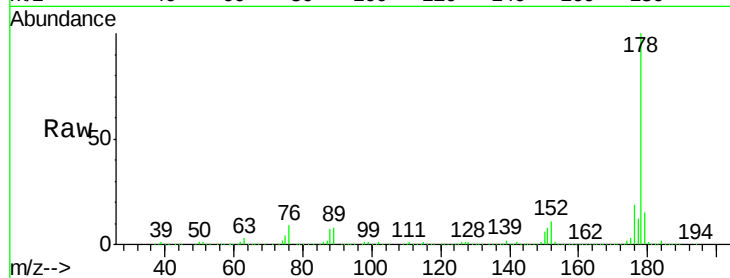
#70
Phenanthrene
Concen: 14.793 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.2	13.0	19.6

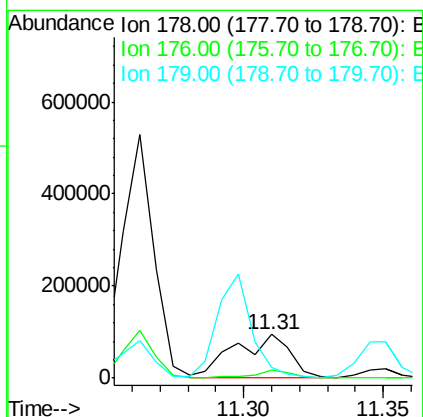
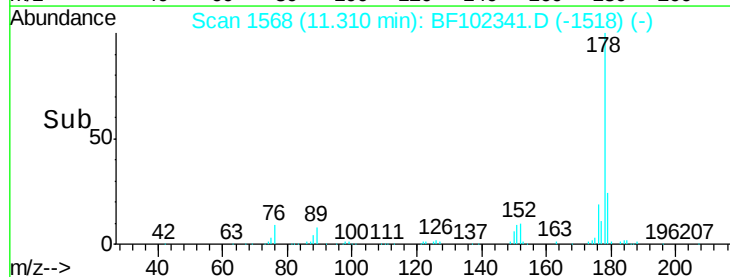
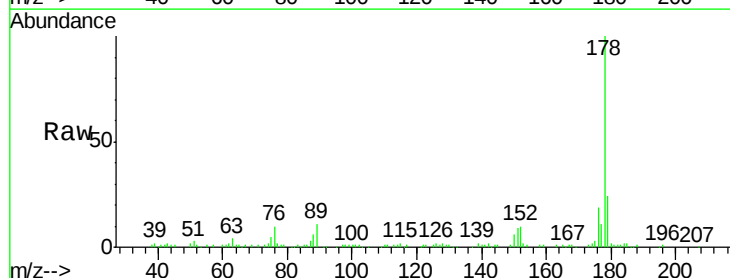
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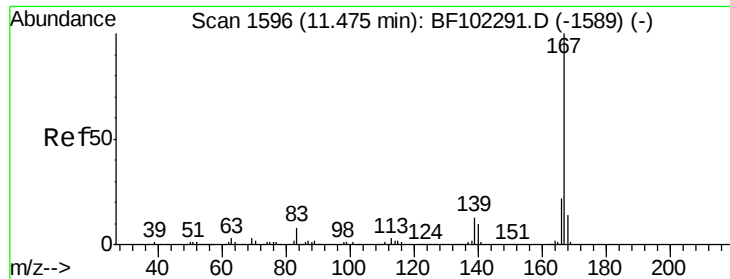
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#71
Anthracene
Concen: 4.496 ng m
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	23.5	12.6	19.0#





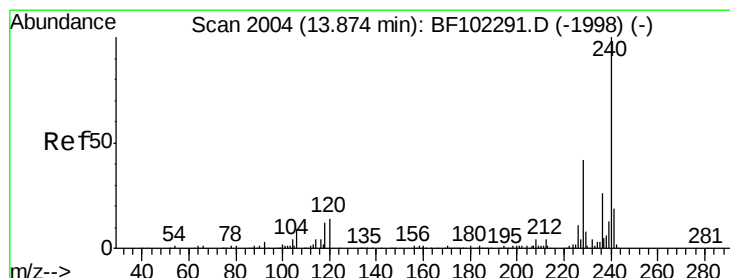
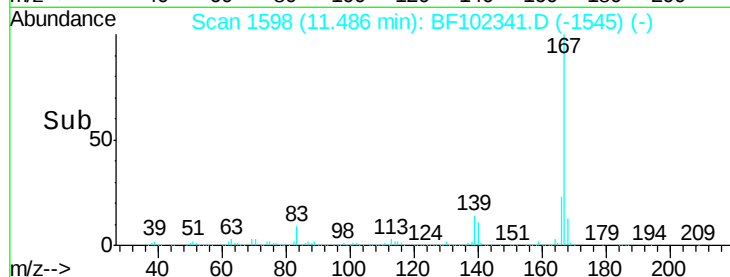
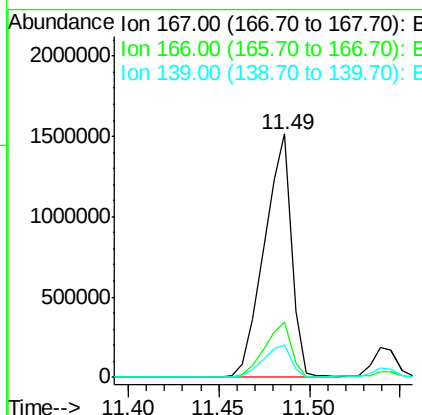
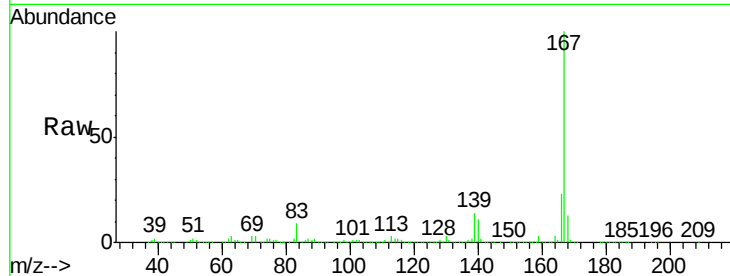
#72
 Carbazole
 Concen: 55.207 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-11R-01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.6	10.9	16.3

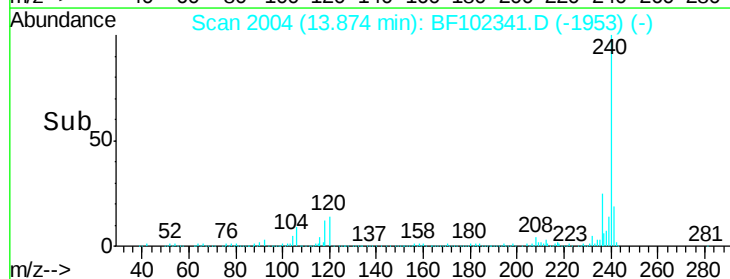
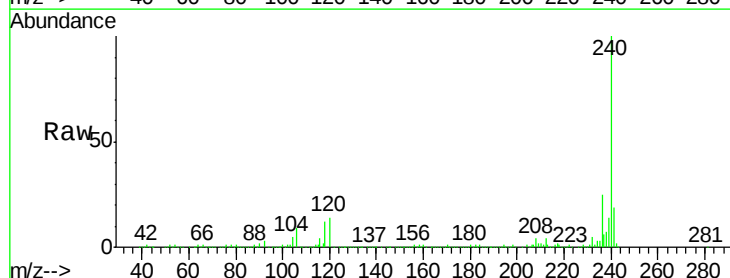
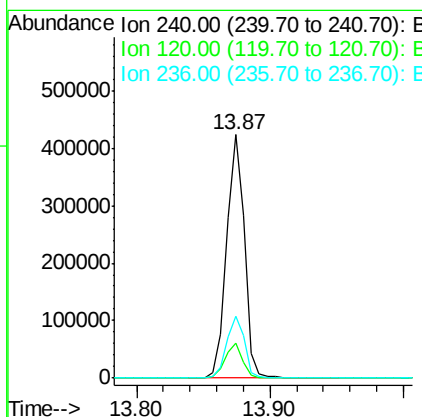
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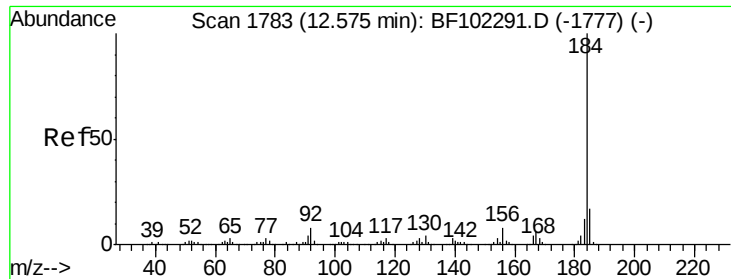
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.4	20.7	31.1





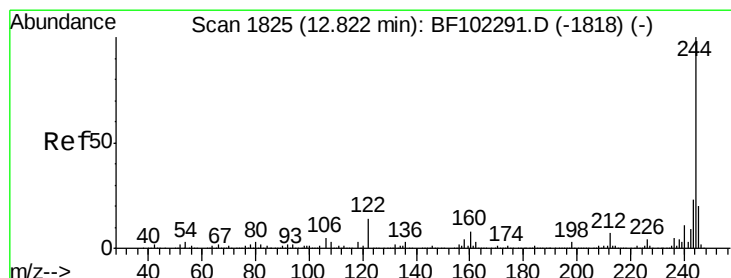
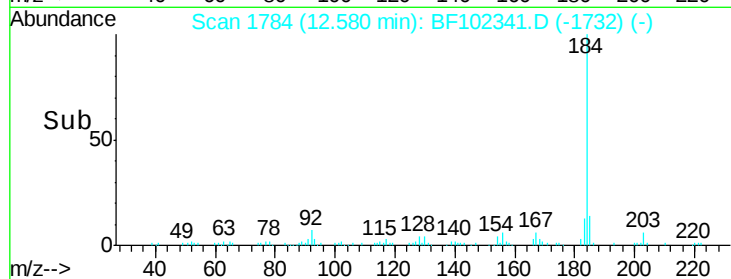
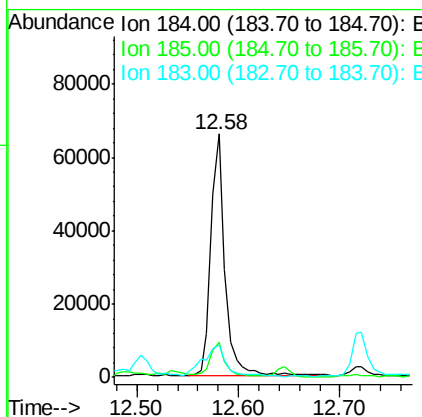
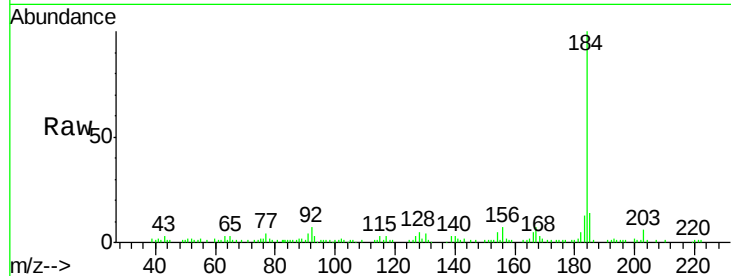
#76
Benzidine
Concen: 4.842 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	13.3	9.3	13.9

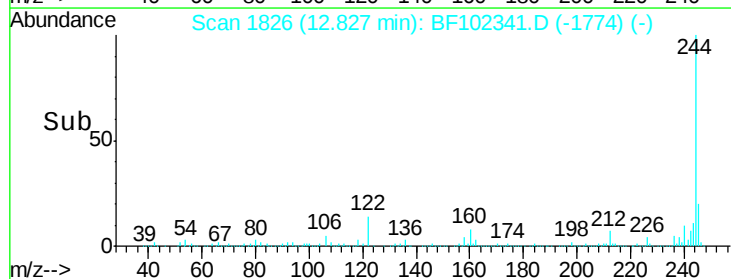
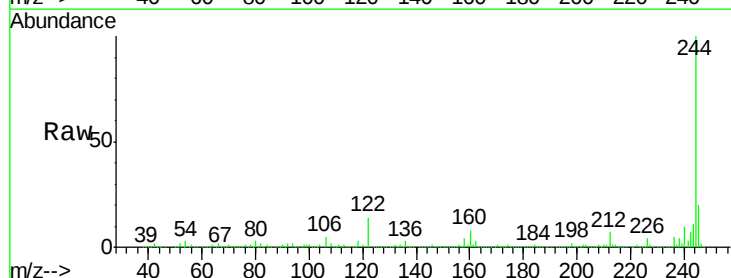
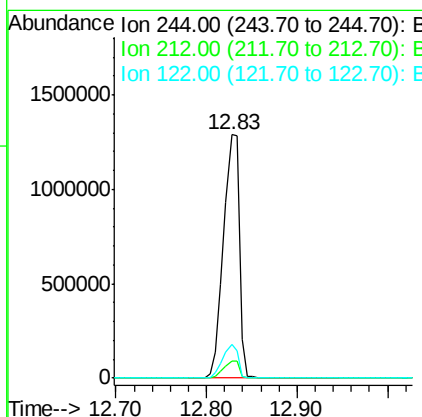
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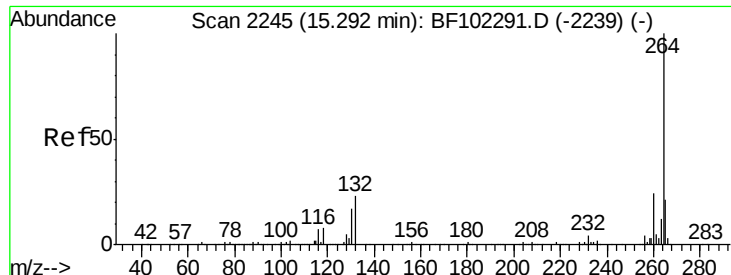
Sohil
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#78
Terphenyl-d14
Concen: 87.501 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3

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