

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102339.D
 Acq On : 23 Jan 2018 12:17
 Operator : SJ/JU
 Sample : J1239-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-50-01

Manual Integrations
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 1/24/2018 2:46:36 PM

Quant Time: Jan 24 11:14:10 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	6.72	152	157266	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	531768	20.00	ng	0.02
38) Acenaphthene-d10	9.75	164	303408	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	520418	20.00	ng	0.00
75) Chrysene-d12	13.87	240	419441	20.00	ng	0.00
86) Perylene-d12	15.30	264	308275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1264598	121.92	ng	0.02
7) Phenol-d6	6.40	99	1171932	93.72	ng	0.04
23) Nitrobenzene-d5	7.30	82	1079588	116.67	ng	0.02
41) 2,4,6-Tribromophenol	10.55	330	391821	130.33	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1841839	89.26	ng	0.00
78) Terphenyl-d14	12.83	244	1706205	91.70	ng	0.01
Target Compounds						
3) Pyridine	3.25	79	136481m	10.598	ng	Qvalue
10) Phenol	6.43	94	5943388	435.371	ng	96
17) 2-Methylphenol	7.00	107	1686308	178.584	ng	98
20) 3+4-Methylphenols	7.19	107	4586988	413.034	ng	86
27) 2,4-Dimethylphenol	7.69	122	1299934	179.621	ng	93
31) Naphthalene	8.05	128	8470937	319.052	ng	97
37) 2-Methylnaphthalene	8.72	142	563244	31.854	ng	100
45) 1,1'-Biphenyl	9.17	154	121798	4.489	ng	98
48) Acenaphthylene	9.62	152	946154	28.800	ng	99
51) Acenaphthene	9.79	154	51038	2.660	ng	99
54) Dibenzofuran	9.96	168	302678	11.656	ng	100
57) Fluorene	10.30	166	288749	14.033	ng	96
70) Phenanthrene	11.26	178	359621	11.859	ng	99
71) Anthracene	11.31	178	89497m	2.891	ng	
72) Carbazole	11.48	167	1036493	34.324	ng	100

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

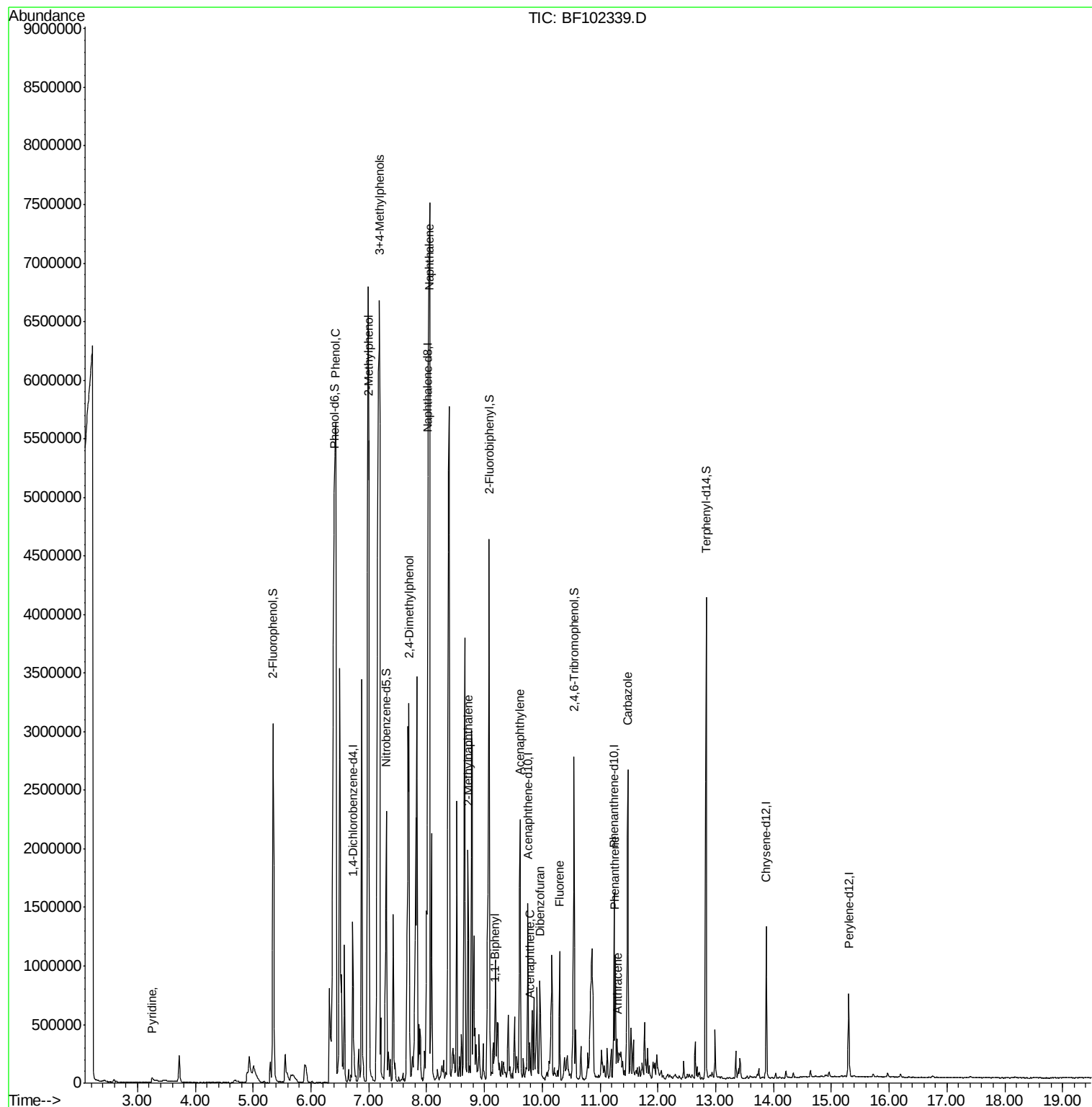
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102339.D
Acq On : 23 Jan 2018 12:17
Operator : SJ/JU
Sample : J1239-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

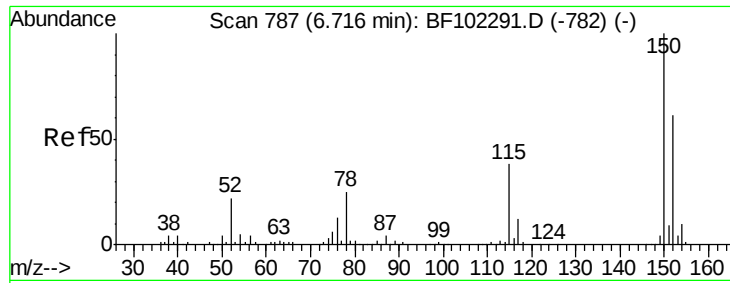
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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#1

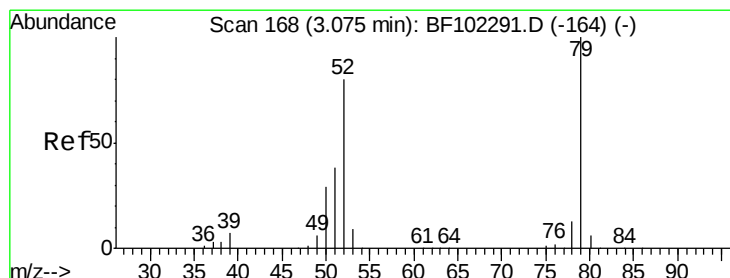
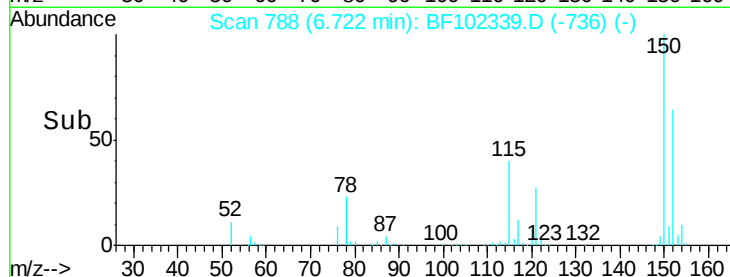
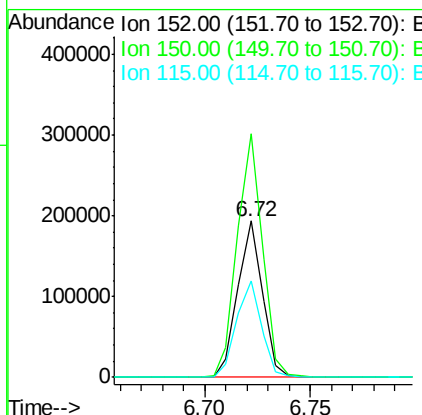
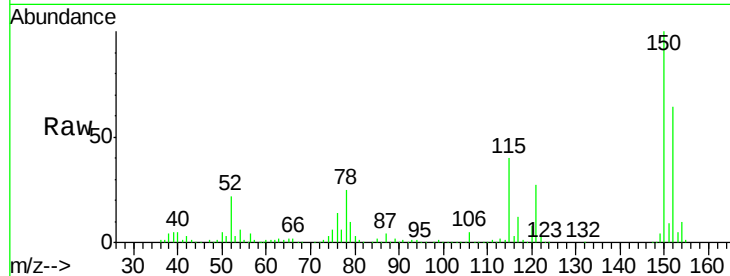
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Instrument :
BNA_F
ClientSampleId :
WC-50-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	61.8	50.1	75.1

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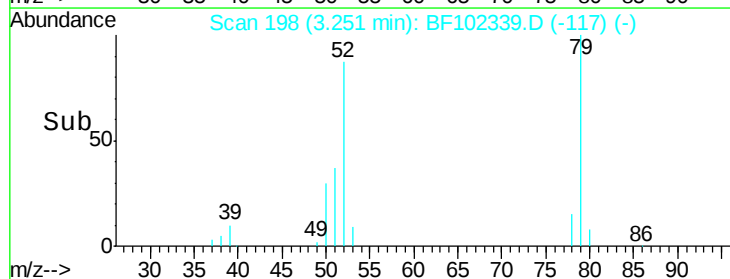
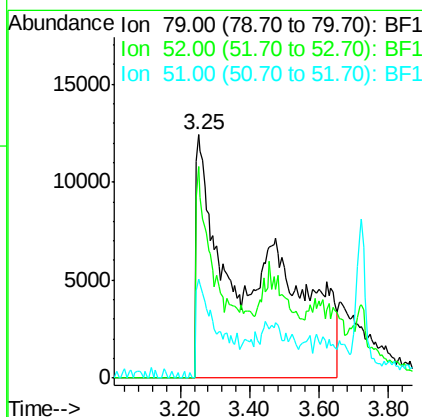
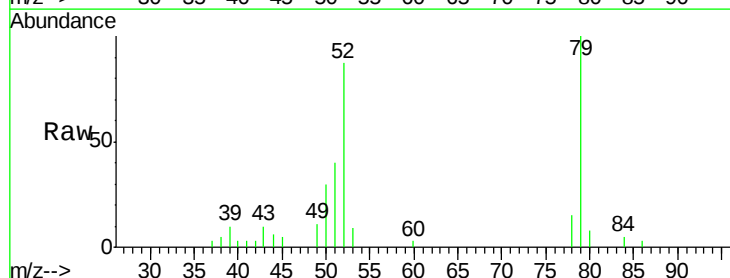
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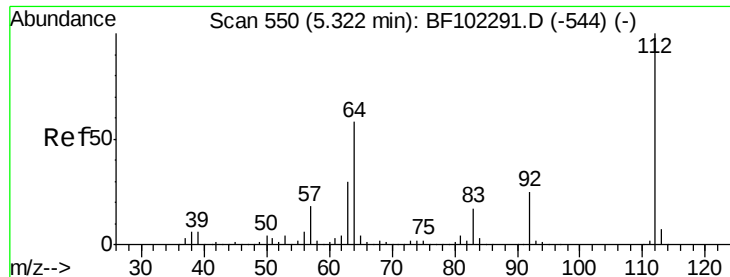


#3

Pyridine
Concen: 10.598 ng m
RT: 3.25 min Scan# 198
Delta R.T. 0.18 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Tgt Ion	Ratio	Lower	Upper
79	100		
52	87.0	59.8	89.6
51	40.4	29.8	44.8





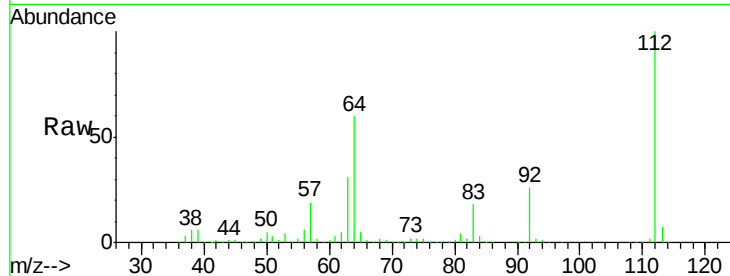
#5
2-Fluorophenol
Concen: 121.925 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Instrument :
BNA_F
ClientSampleId :
WC-50-01

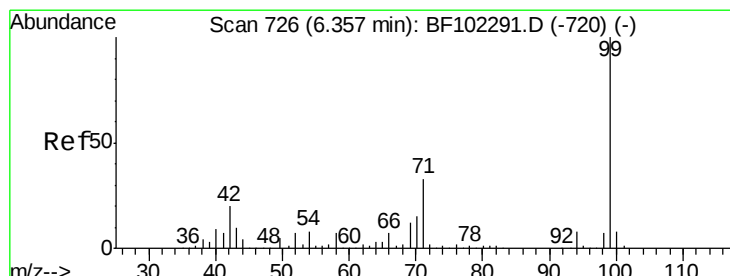
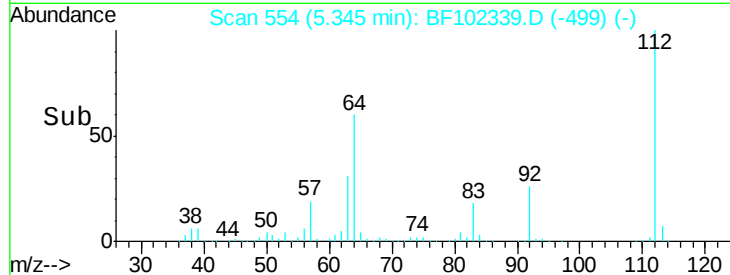
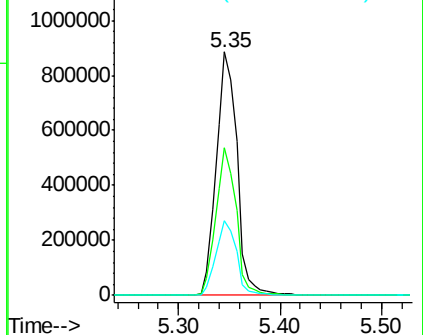
Tgt Ion: 112 Resp: 1264598
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 30.8 23.7 35.5

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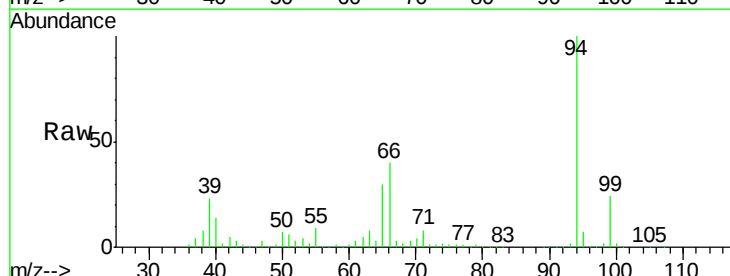


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

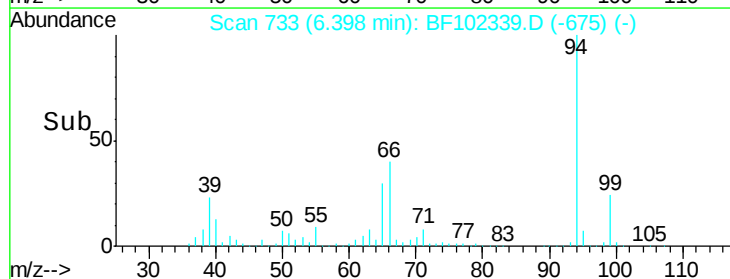
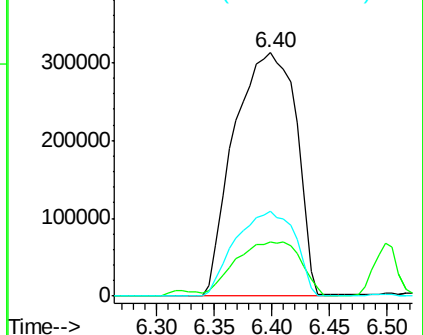


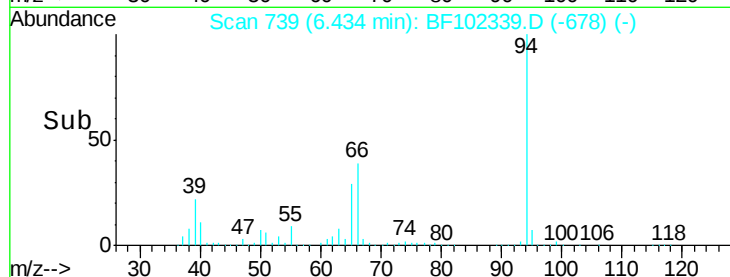
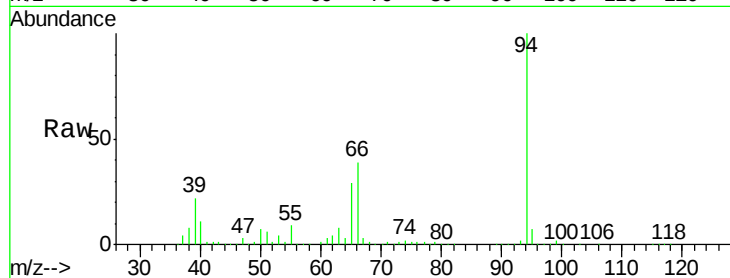
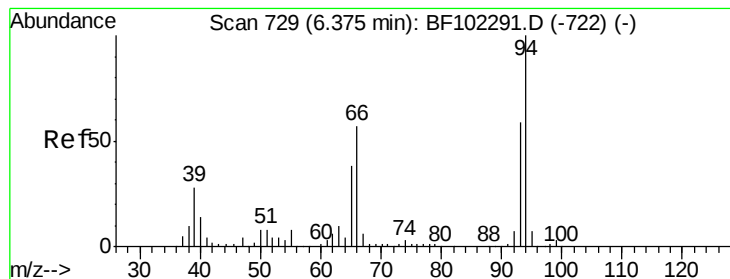
#7
Phenol-d6
Concen: 93.722 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.04 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Tgt Ion: 99 Resp: 1171932
Ion Ratio Lower Upper
99 100
42 22.0 14.5 21.7#
71 34.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1





#10

Phenol

Concen: 435.371 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.06 min

Lab File: BF102339.D

Acq: 23 Jan 2018 12:17

Tgt Ion: 94 Resp: 5943388

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

66 39.3 16.2 56.2

Instrument :

BNA_F

ClientSampleId :

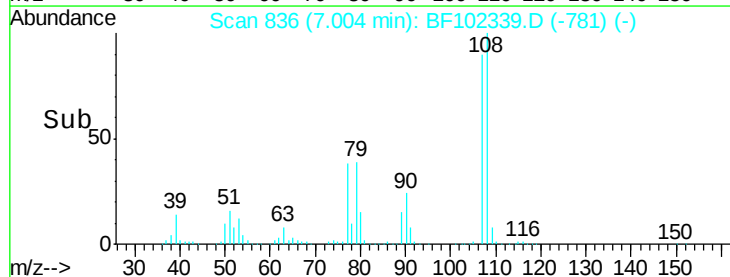
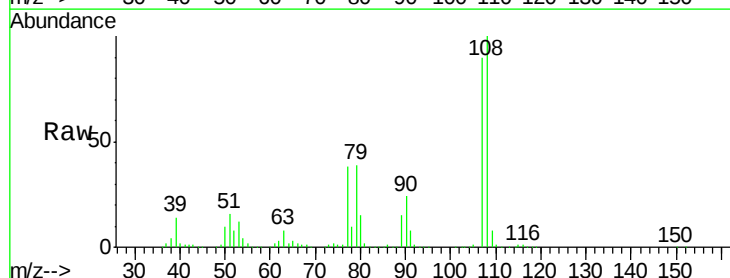
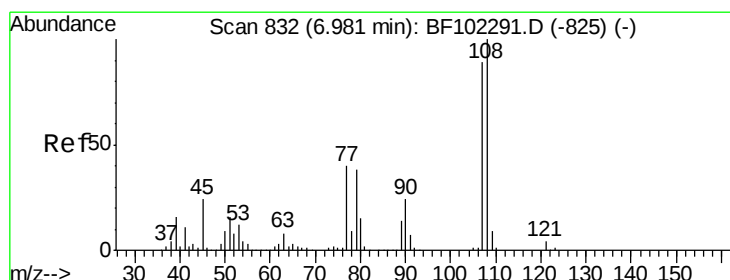
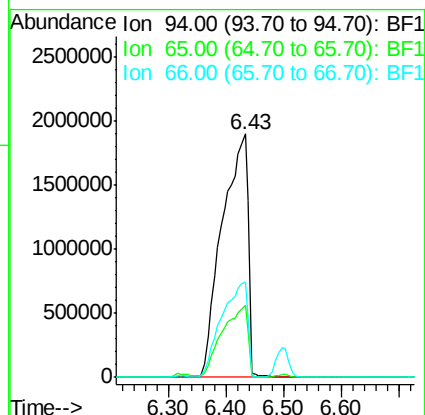
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#17

2-Methylphenol

Concen: 178.584 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.02 min

Lab File: BF102339.D

Acq: 23 Jan 2018 12:17

Tgt Ion: 107 Resp: 1686308

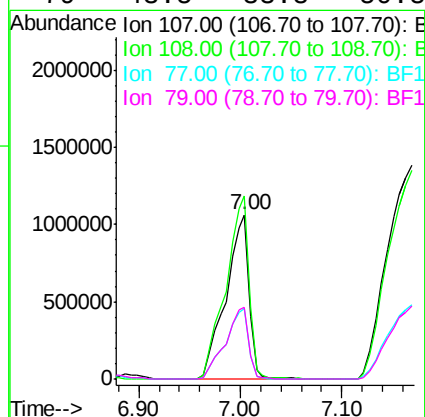
Ion Ratio Lower Upper

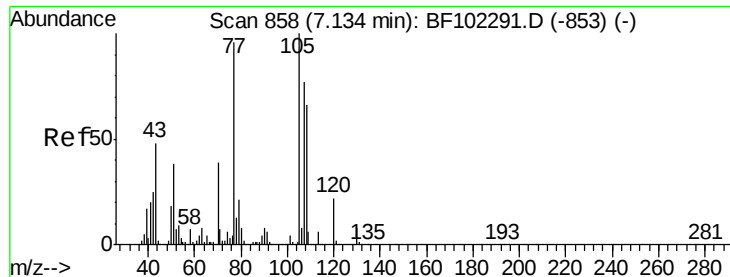
107 100

108 111.6 91.7 137.5

77 42.8 33.8 50.8

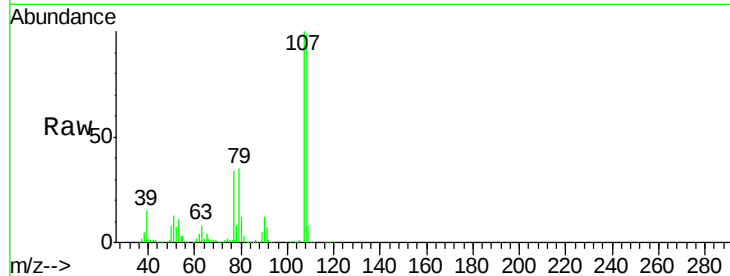
79 43.5 33.8 50.8





#20
3+4-Methylphenols
Concen: 413.034 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.05 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

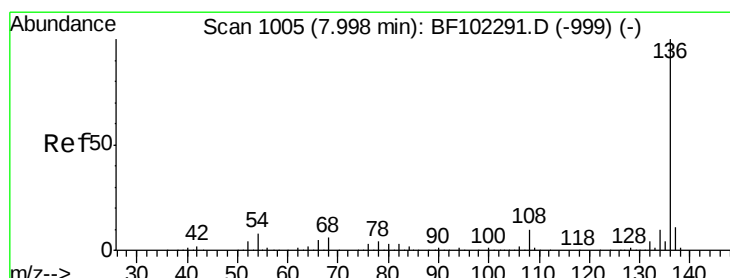
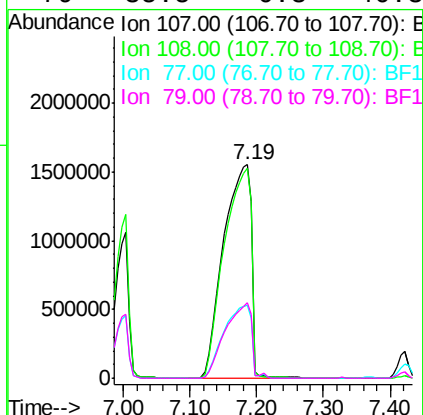
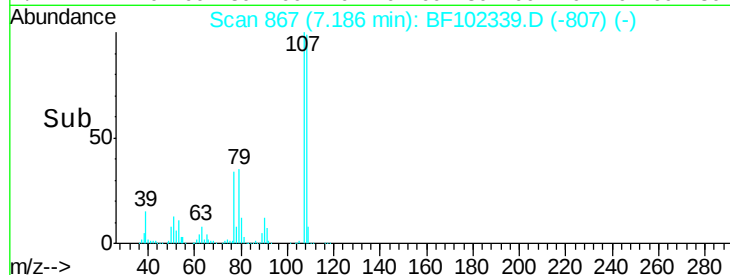
Instrument :
BNA_F
ClientSampleId :
WC-50-01



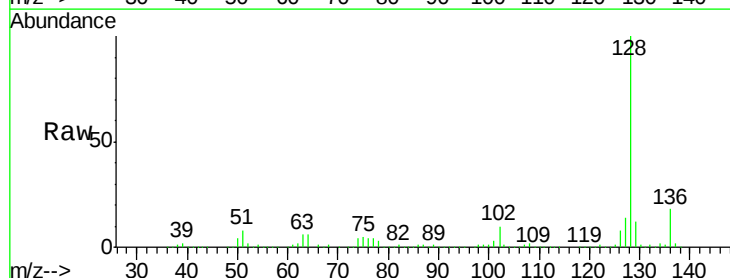
Tgt Ion:	107	Resp:	4586988
Ion	Ratio	Lower	Upper
107	100		
108	98.5	68.2	108.2
77	34.4	26.7	66.7
79	35.5	6.3	46.3

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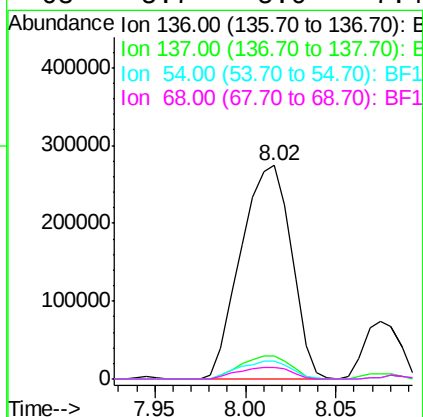
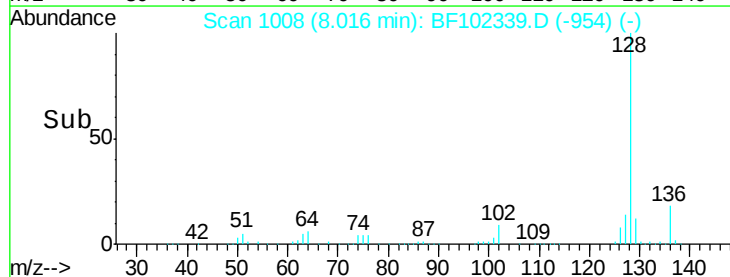
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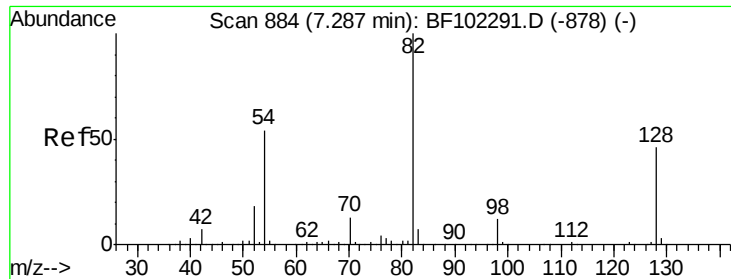


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.02 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17



Tgt Ion:	136	Resp:	531768
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.1	6.6	9.8
68	5.7	5.0	7.4





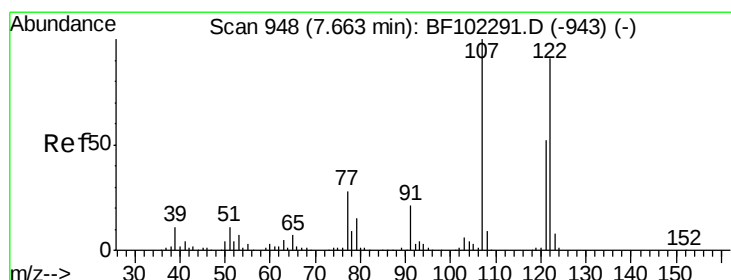
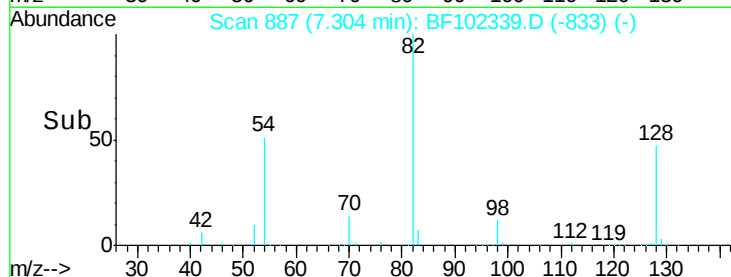
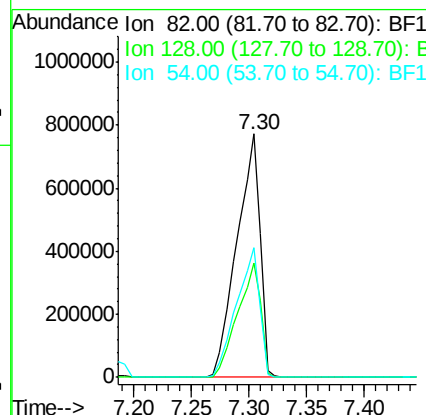
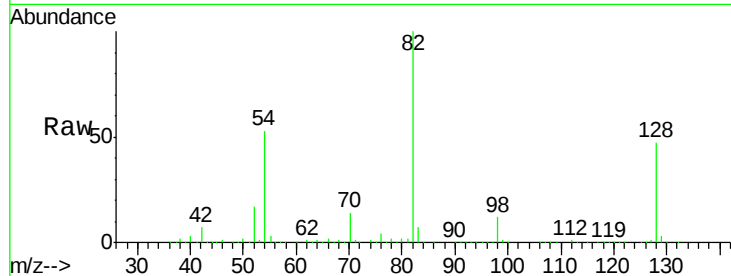
#23
 Nitrobenzene-d5
 Concen: 116.668 ng
 RT: 7.30 min Scan# 887
 Delta R.T. 0.02 min
 Lab File: BF102339.D
 Acq: 23 Jan 2018 12:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-50-01

Tgt Ion: 82 Resp: 1079588
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 53.4 41.4 62.2

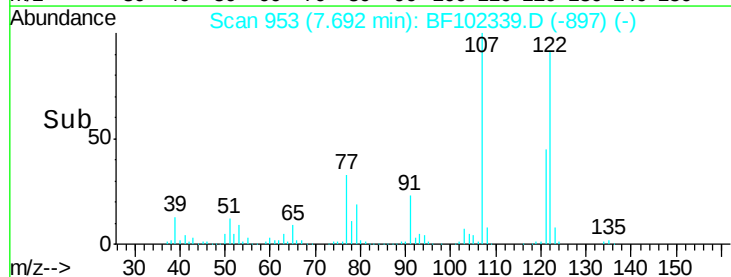
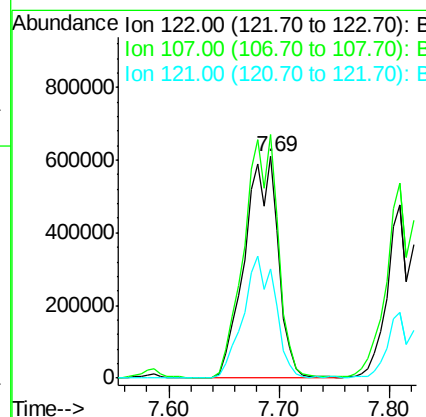
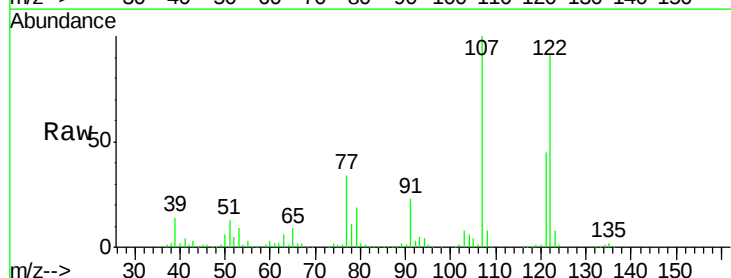
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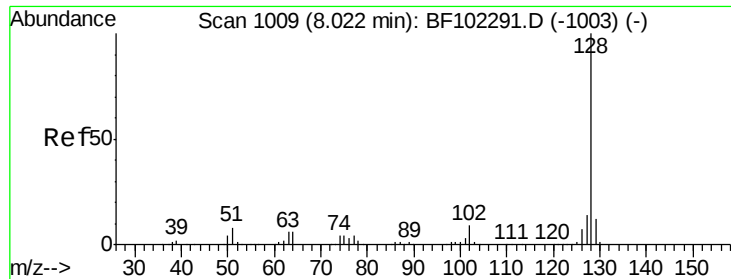
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#27
 2,4-Dimethylphenol
 Concen: 179.621 ng
 RT: 7.69 min Scan# 953
 Delta R.T. 0.03 min
 Lab File: BF102339.D
 Acq: 23 Jan 2018 12:17

Tgt Ion: 122 Resp: 1299934
 Ion Ratio Lower Upper
 122 100
 107 110.0 91.2 136.8
 121 49.3 47.2 70.8





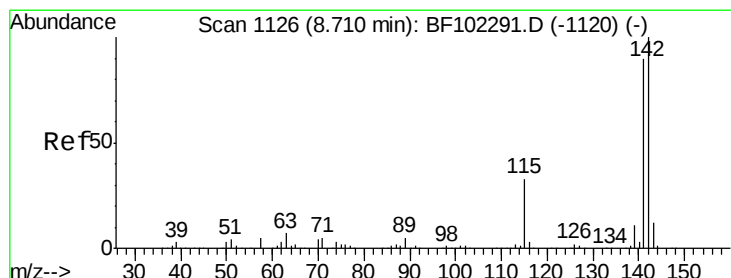
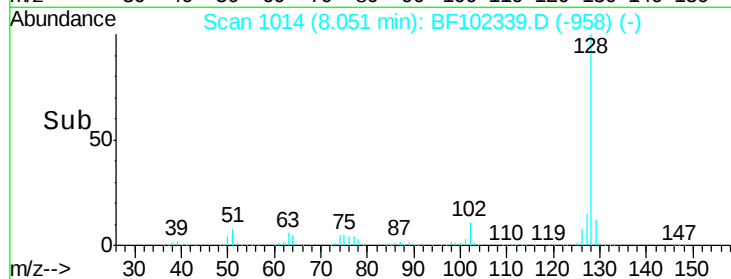
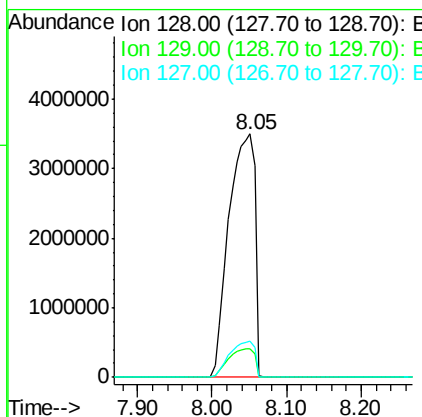
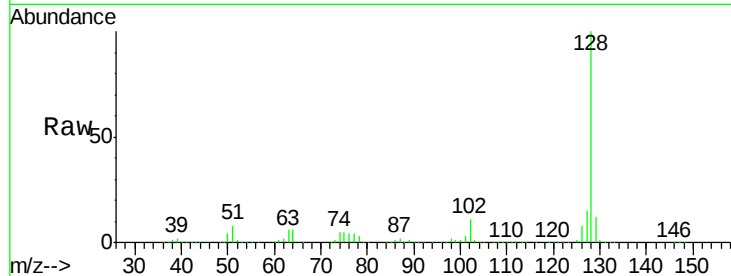
#31
Naphthalene
Concen: 319.052 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.03 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Instrument :
BNA_F
ClientSampleId :
WC-50-01

Tgt Ion:128 Resp: 8470937
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.9 10.9 16.3

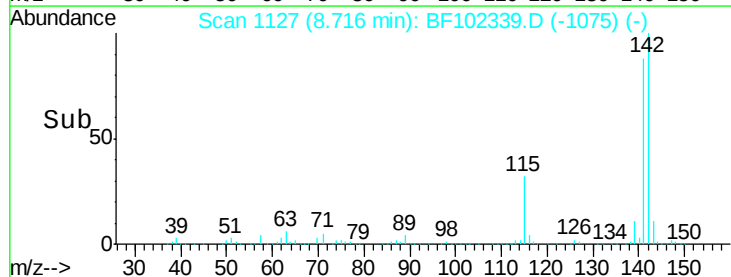
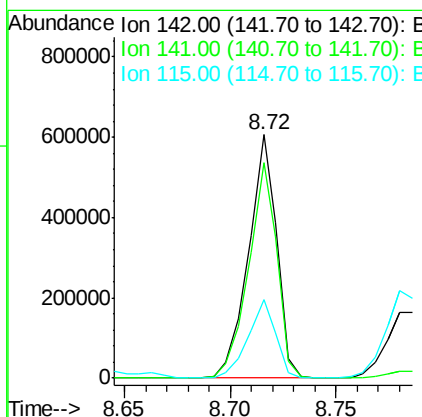
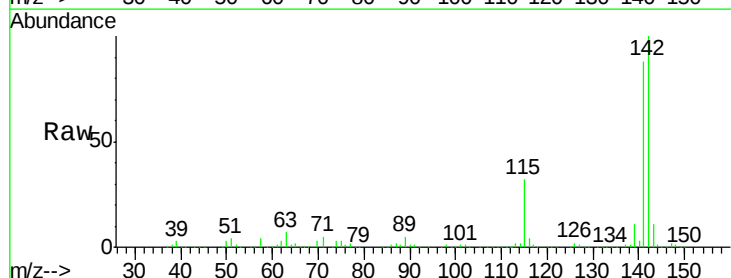
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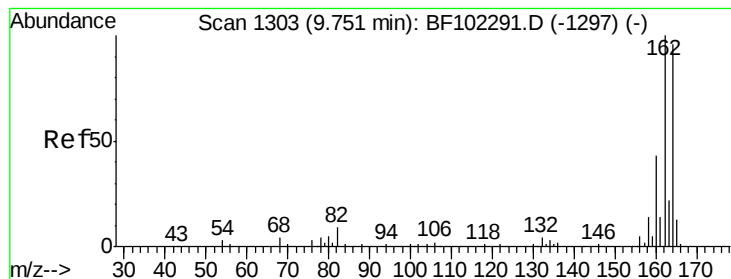
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#37
2-Methylnaphthalene
Concen: 31.854 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Tgt Ion:142 Resp: 563244
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 32.1 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102339.D

Acq: 23 Jan 2018 12:17

Instrument :

BNA_F

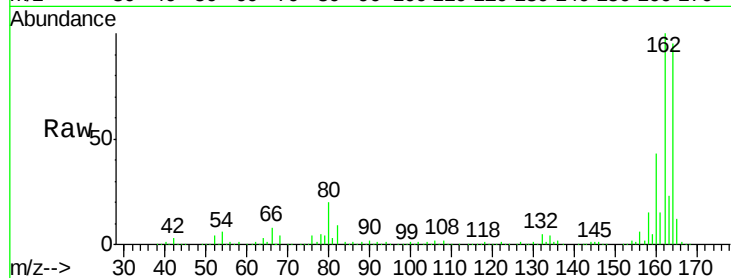
ClientSampleId :

WC-50-01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	303408		
162	105.7	86.1	129.1	
160	45.7	38.3	57.5	

Manual Integrations
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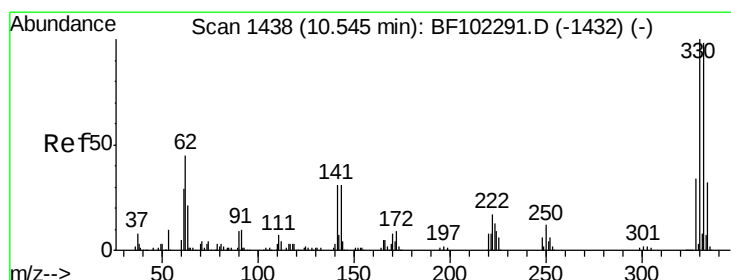
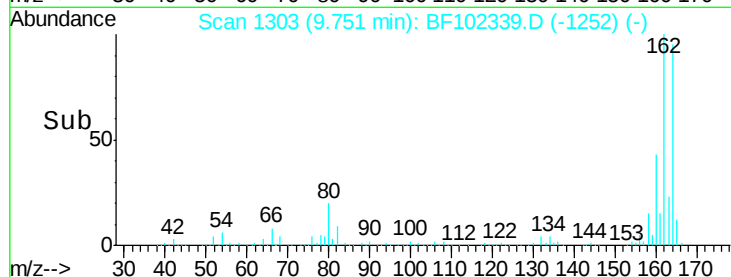
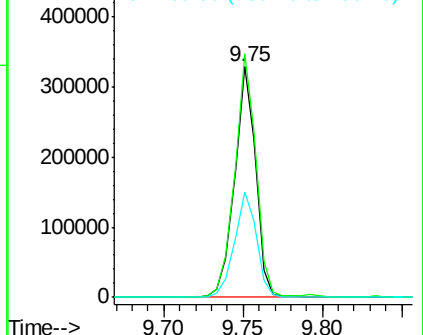
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 130.332 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102339.D

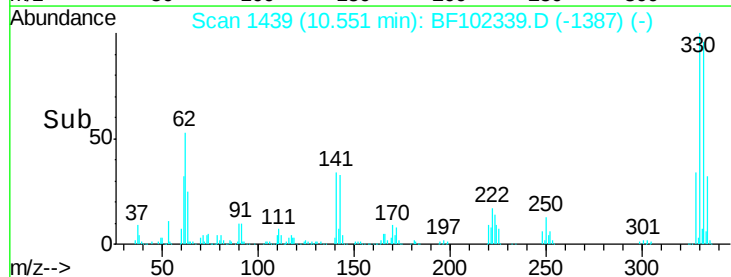
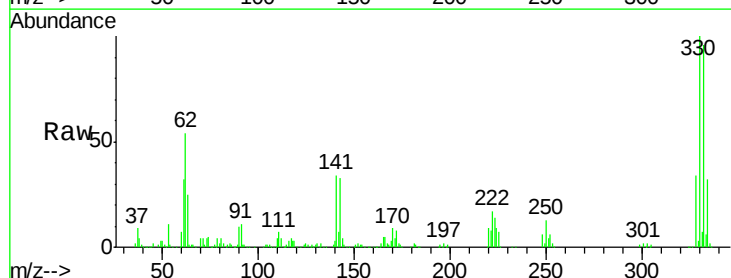
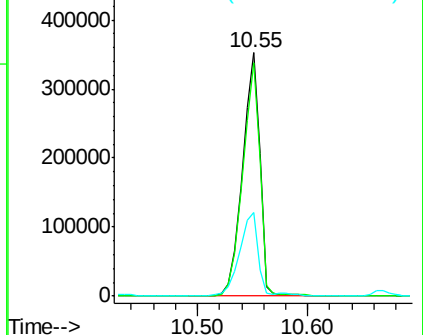
Acq: 23 Jan 2018 12:17

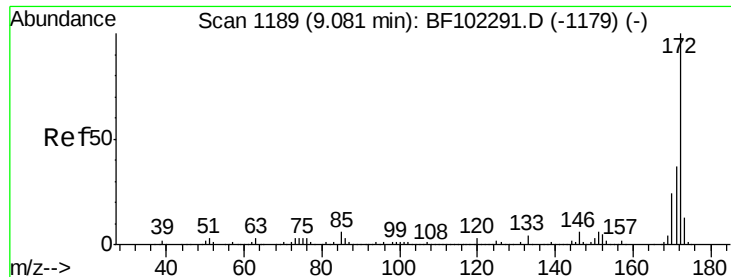
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	391821		
332	95.7	77.0	115.6	
141	35.9	29.9	44.9	

Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





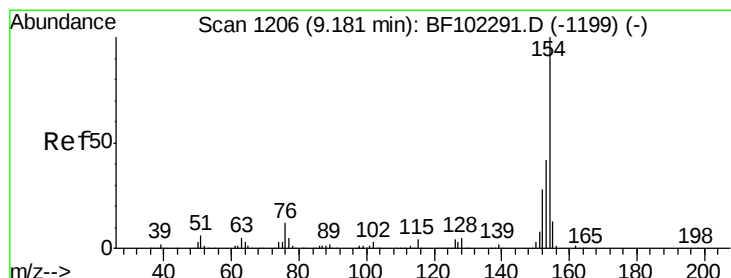
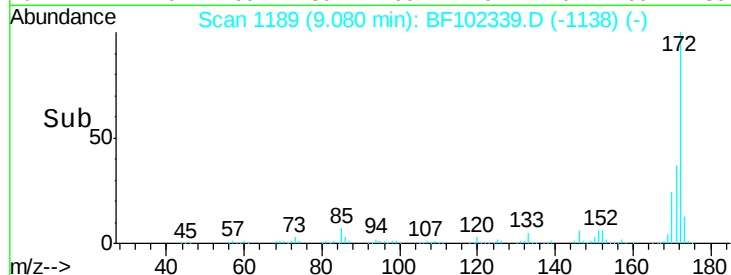
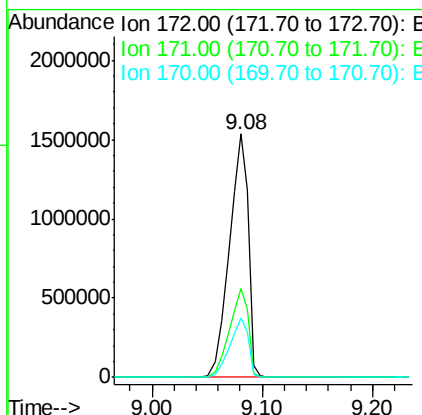
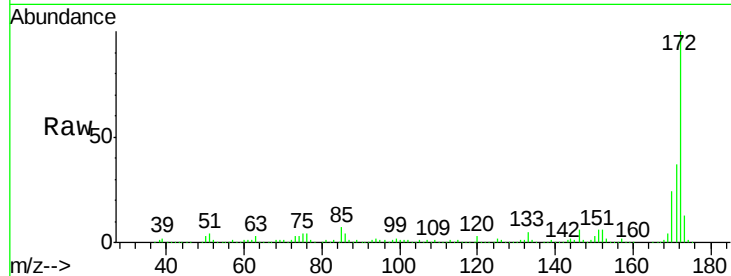
#44
 2-Fluorobiphenyl
 Concen: 89.258 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102339.D
 Acq: 23 Jan 2018 12:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-50-01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.4	19.6	29.4

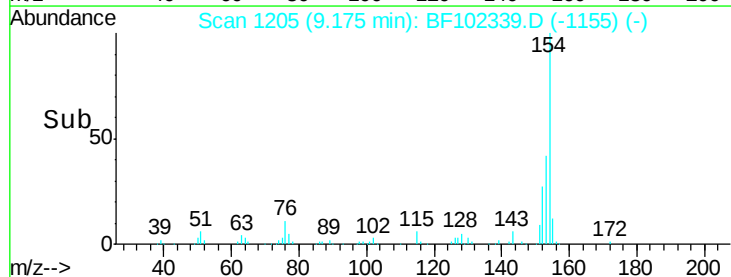
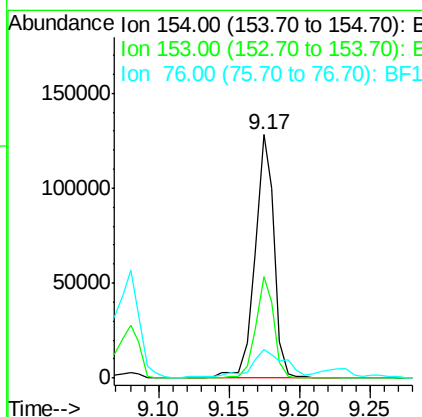
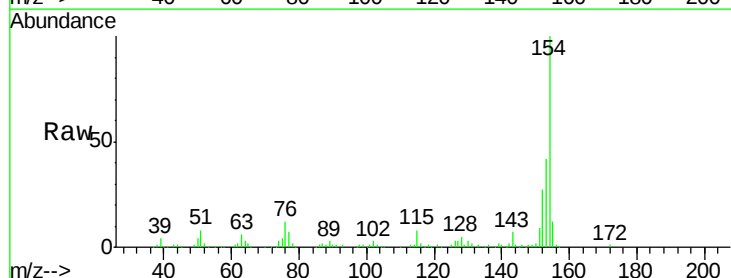
Manual Integrations
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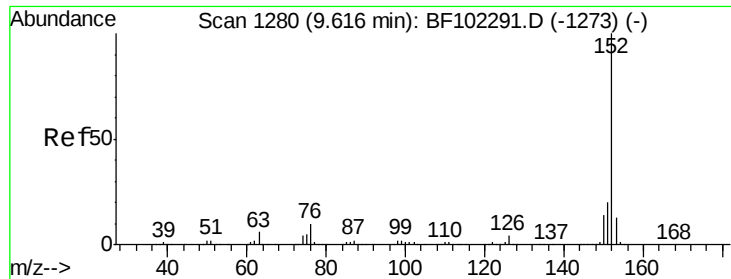
Sohil
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#45
 1,1'-Biphenyl
 Concen: 4.489 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102339.D
 Acq: 23 Jan 2018 12:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.3	61.3
76	12.0	0.0	34.0





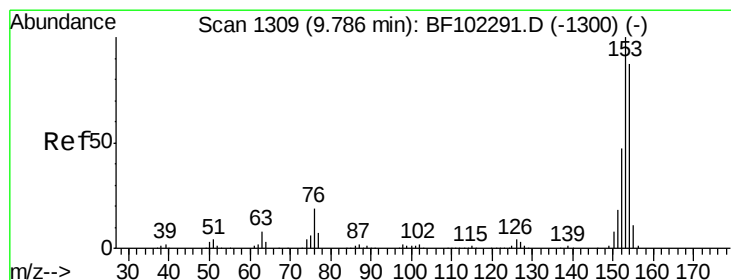
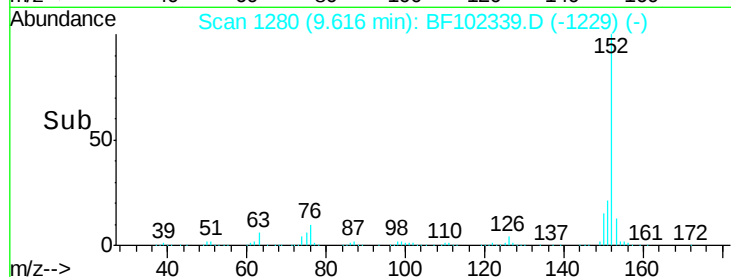
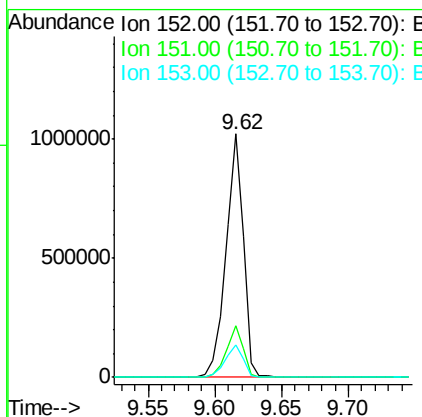
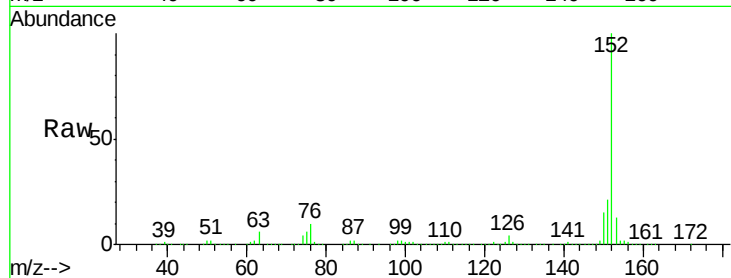
#48
Acenaphthylene
Concen: 28.800 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Instrument :
BNA_F
ClientSampleId :
WC-50-01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	946154		
151	21.1	16.3	24.5	
153	13.2	10.7	16.1	

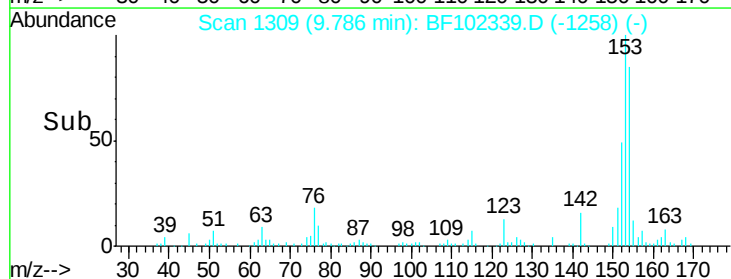
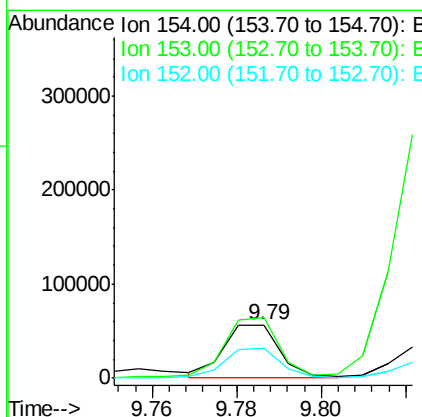
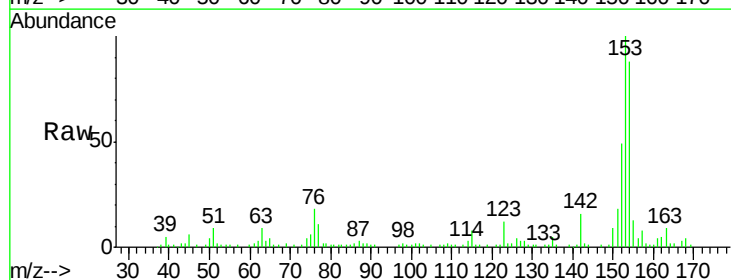
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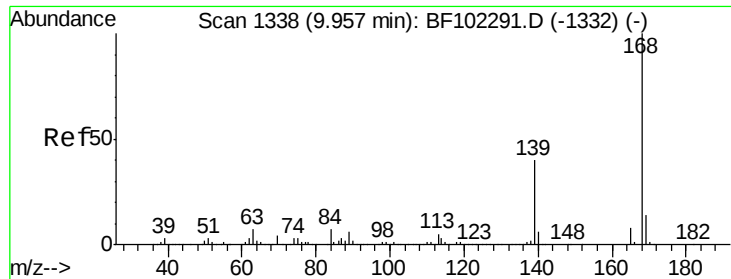
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#51
Acenaphthene
Concen: 2.660 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	51038		
153	114.2	91.2	136.8	
152	56.1	43.8	65.8	





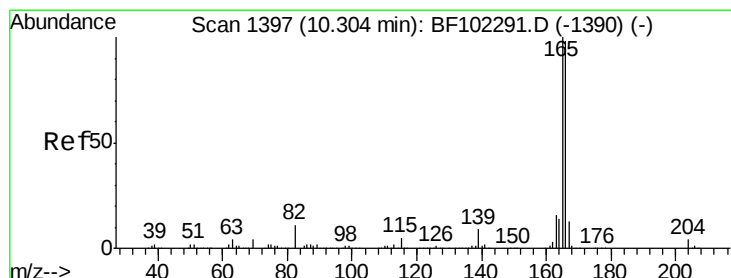
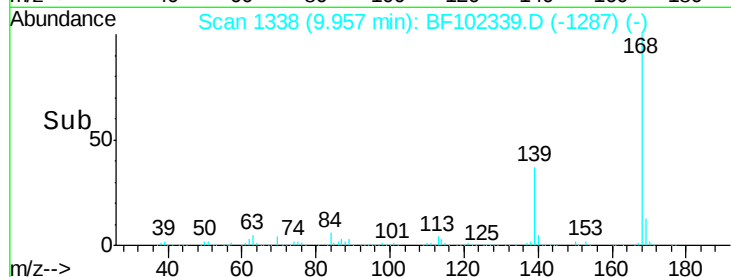
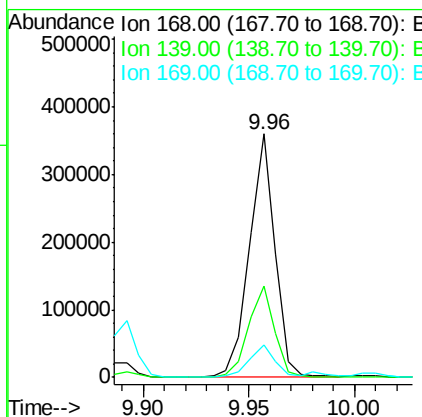
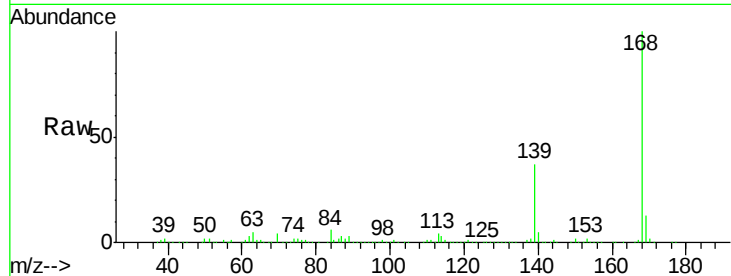
#54
Dibenzofuran
Concen: 11.656 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Instrument :
BNA_F
ClientSampleId :
WC-50-01

Tgt Ion	Ratio	Resp Lower	Upper
168	100		
139	37.4	30.1	45.1
169	13.2	10.9	16.3

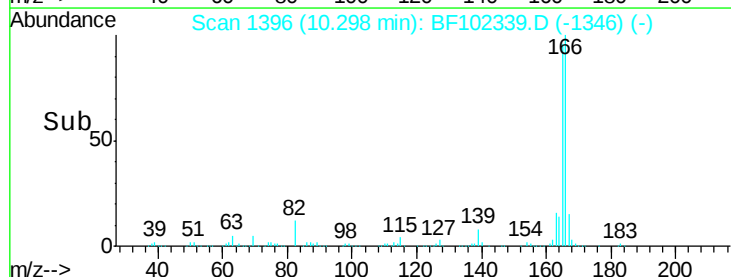
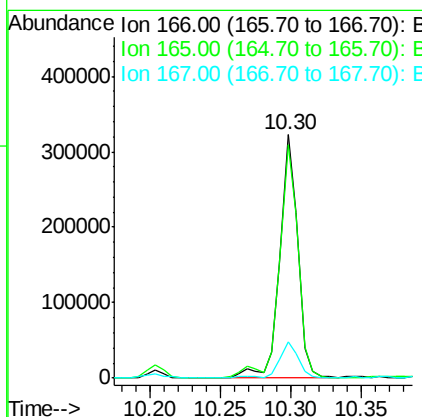
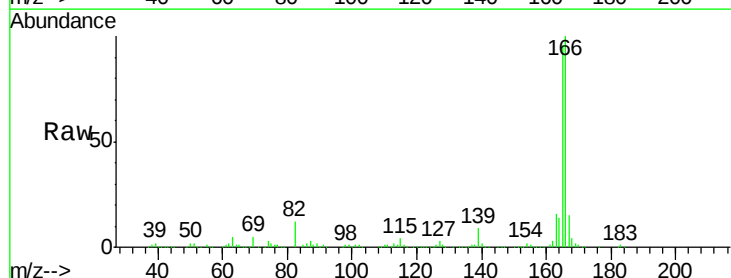
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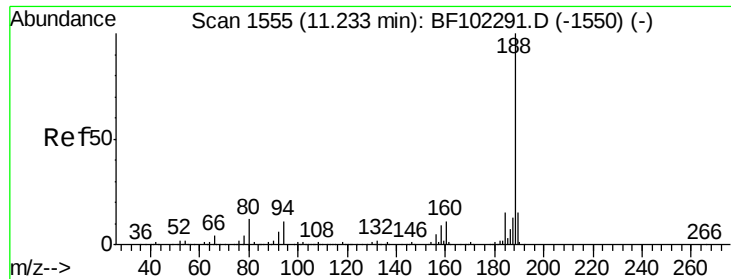
Sohil
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#57
Fluorene
Concen: 14.033 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	95.8	79.8	119.8
167	15.1	10.6	16.0





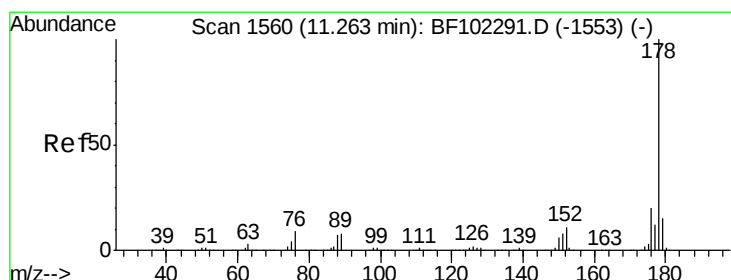
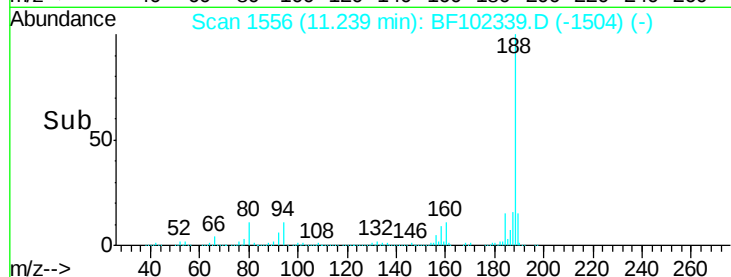
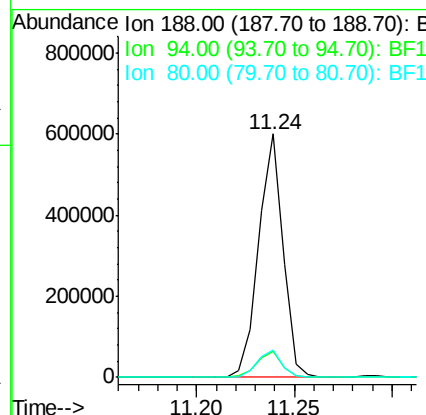
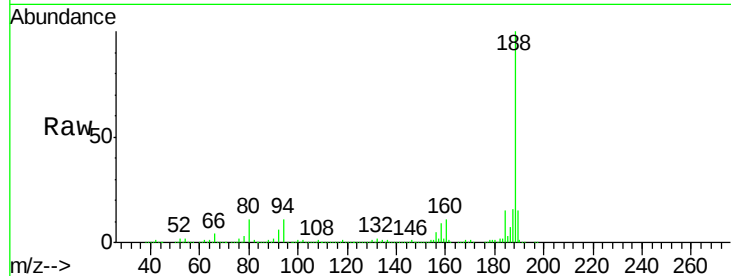
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Instrument :
BNA_F
ClientSampleId :
WC-50-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	8.5	12.7
80	11.4	9.2	13.8

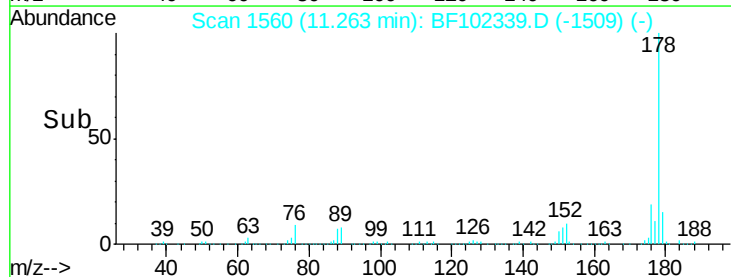
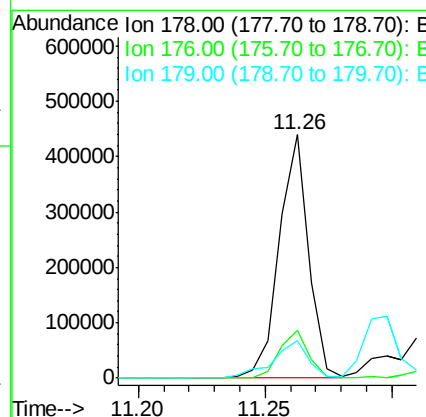
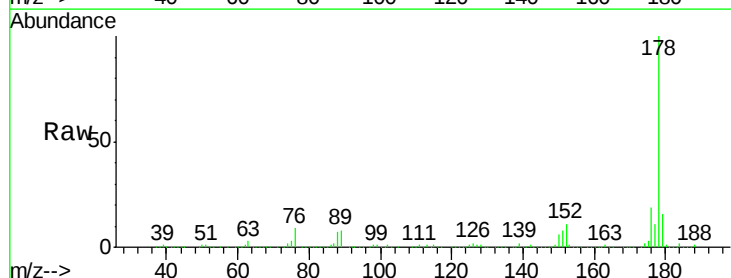
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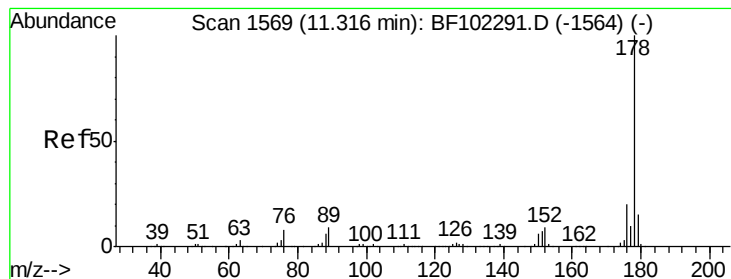
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#70
Phenanthrene
Concen: 11.859 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102339.D
Acq: 23 Jan 2018 12:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.5	15.8	23.8
179	15.5	13.0	19.6





#71

Anthracene

Concen: 2.891 ng m

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF102339.D

Acq: 23 Jan 2018 12:17

Instrument :

BNA_F

ClientSampleId :

WC-50-01

Tgt Ion:178 Resp: 89497

Ion Ratio Lower Upper

178 100

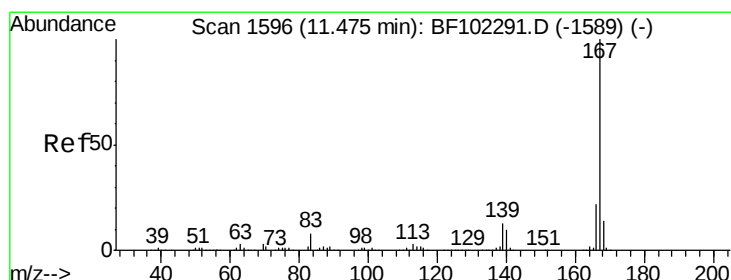
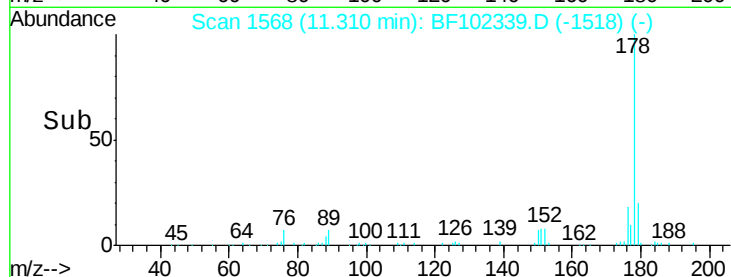
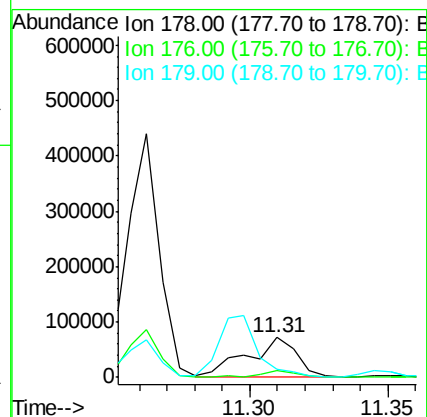
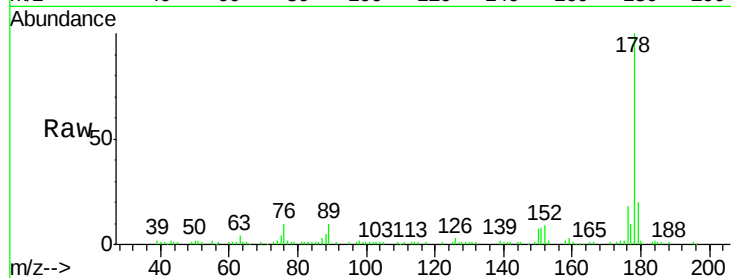
176 17.9 15.4 23.2

179 20.2 12.6 19.0#

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1/24/2018 2:46:36 PM



#72

Carbazole

Concen: 34.324 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF102339.D

Acq: 23 Jan 2018 12:17

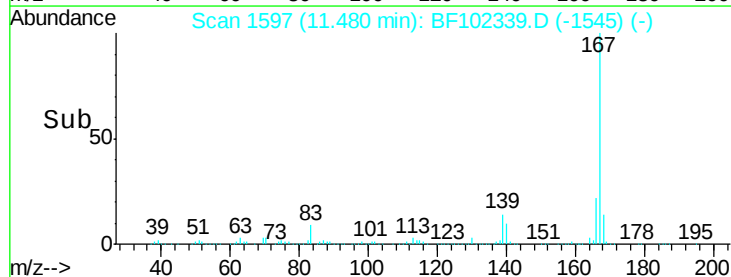
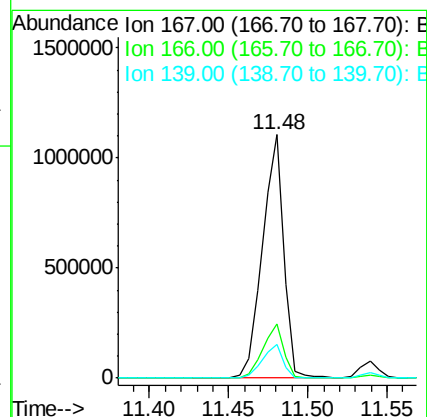
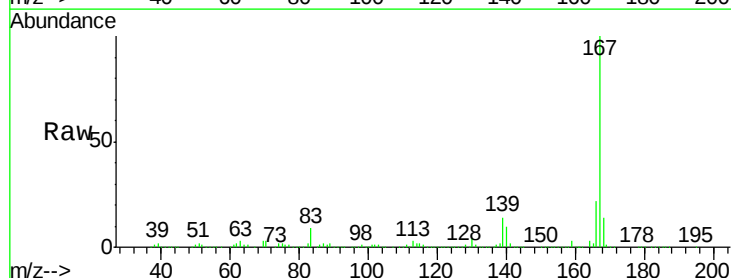
Tgt Ion:167 Resp: 1036493

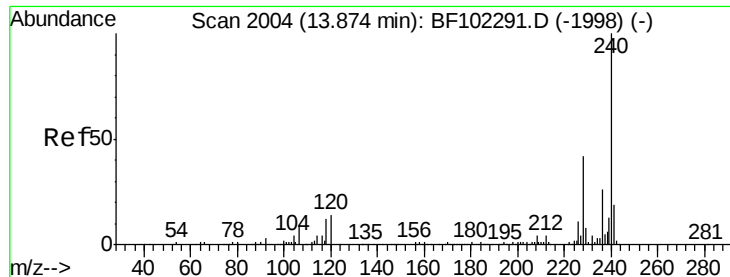
Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

139 13.7 10.9 16.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102339.D

Acq: 23 Jan 2018 12:17

Instrument :

BNA_F

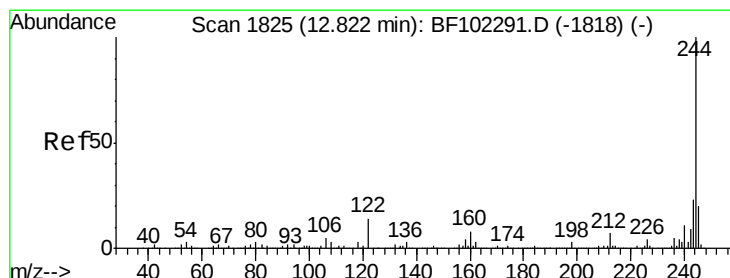
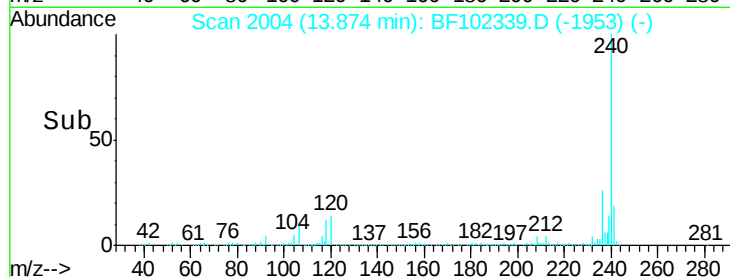
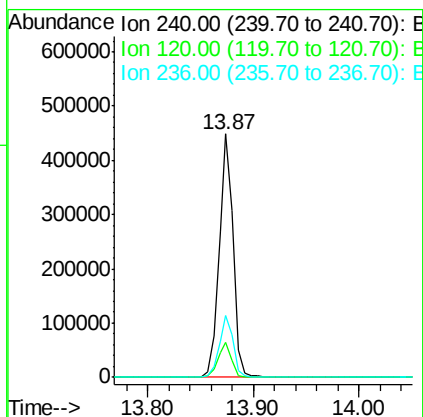
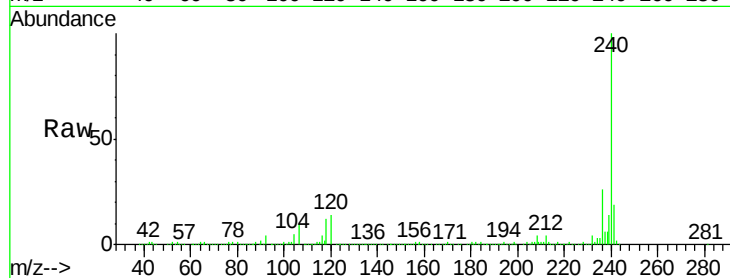
ClientSampleId :

WC-50-01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	25.6	20.7	31.1

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#78

Terphenyl-d14

Concen: 91.703 ng

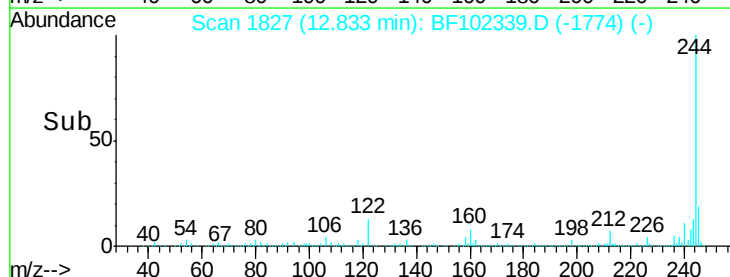
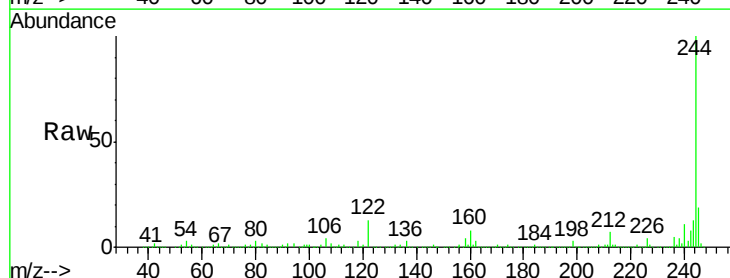
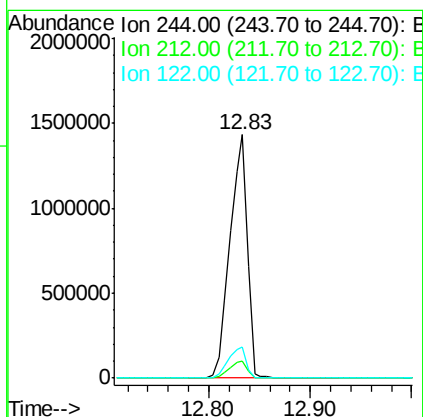
RT: 12.83 min Scan# 1827

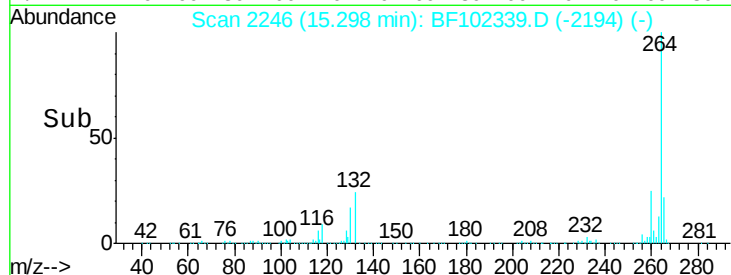
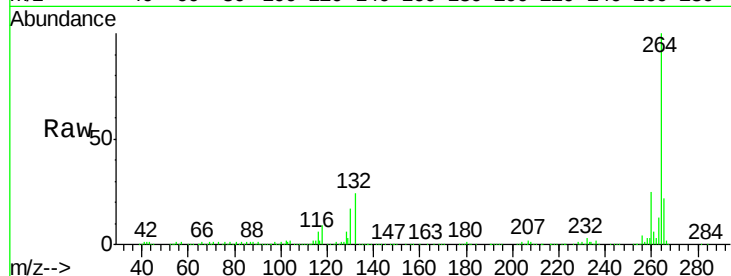
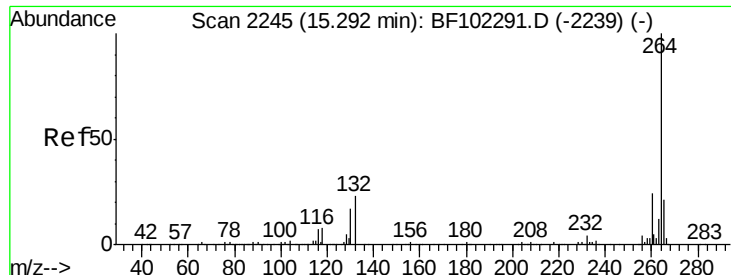
Delta R.T. 0.01 min

Lab File: BF102339.D

Acq: 23 Jan 2018 12:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.7	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: BF102339.D
Acq: 23 Jan 2018 12:17

Instrument :
BNA_F
ClientSampleId :
WC-50-01

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.0	17.5	26.3

Manual Integrations
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