

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102387.D
 Acq On : 24 Jan 2018 12:54
 Operator : SJ/JU
 Sample : J1239-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14R30-01

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Quant Time: Jan 24 13:36:14 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	133325	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	542409	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	233756	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	346125	20.00	ng	0.00
75) Chrysene-d12	13.87	240	253001	20.00	ng	0.00
86) Perylene-d12	15.29	264	234666	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1012436	115.14	ng	0.01
7) Phenol-d6	6.36	99	1060714	100.06	ng	0.00
23) Nitrobenzene-d5	7.28	82	799253	84.68	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	246875	106.59	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1397709	87.92	ng	0.00
78) Terphenyl-d14	12.82	244	1010024	90.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	36570	3.160	ng	90
17) 2-Methylphenol	6.97	107	25821	3.226	ng	# 92
20) 3+4-Methylphenols	7.13	107	70274	7.464	ng	87
27) 2,4-Dimethylphenol	7.67	122	20631	2.795	ng	97
31) Naphthalene	8.03	128	3050143	112.628	ng	99
37) 2-Methylnaphthalene	8.71	142	286060	15.861	ng	99
45) 1,1'-Biphenyl	9.17	154	56519	2.704	ng	100
48) Acenaphthylene	9.61	152	185428	7.326	ng	99
51) Acenaphthene	9.78	154	89274	6.039	ng	98
54) Dibenzofuran	9.95	168	42879	2.143	ng	99
57) Fluorene	10.29	166	89936	5.673	ng	99
70) Phenanthrene	11.26	178	152193	7.546	ng	98
72) Carbazole	11.47	167	149680	7.453	ng	98

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

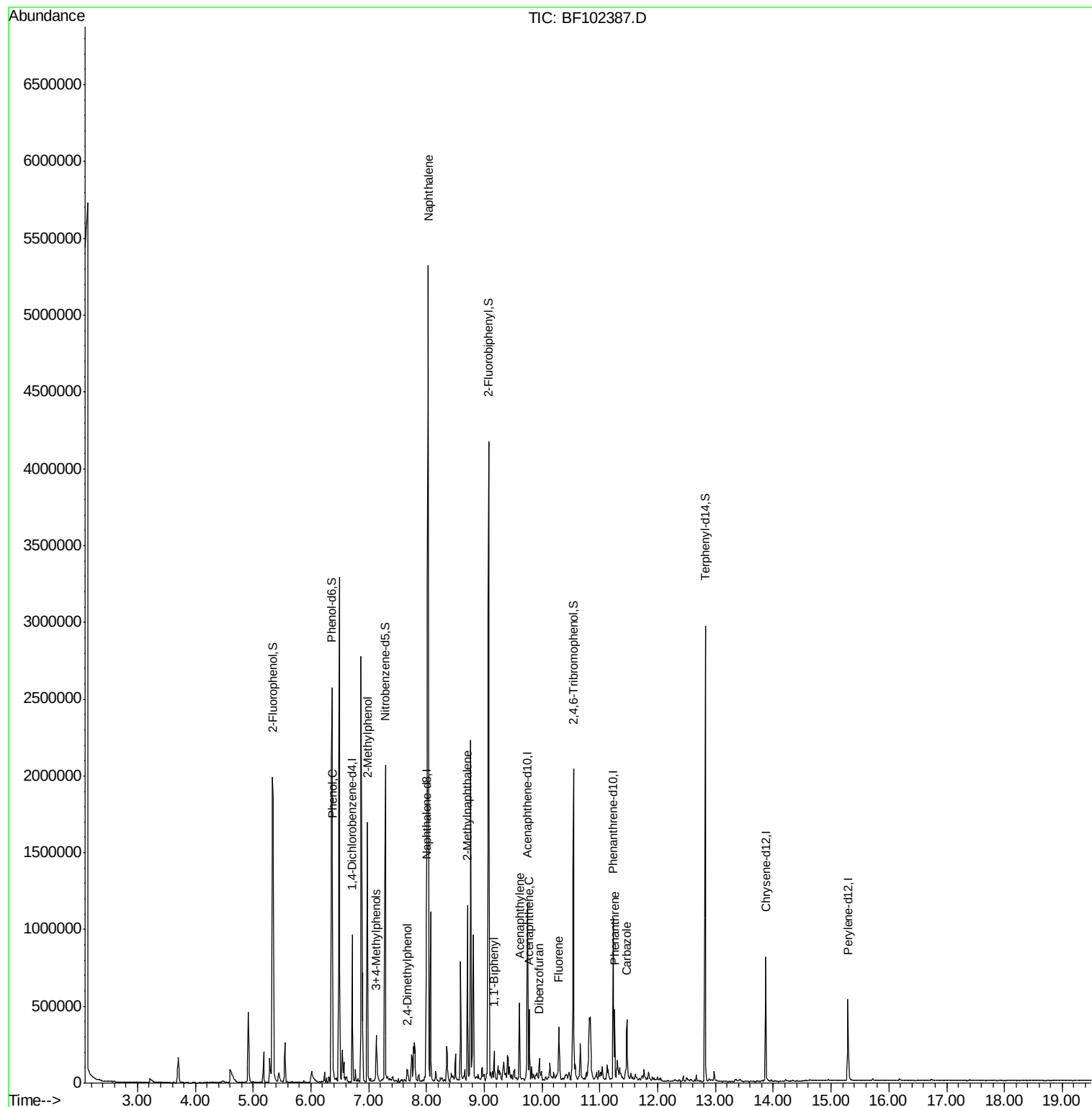
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102387.D
Acq On : 24 Jan 2018 12:54
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ALS Vial : 39 Sample Multiplier: 1

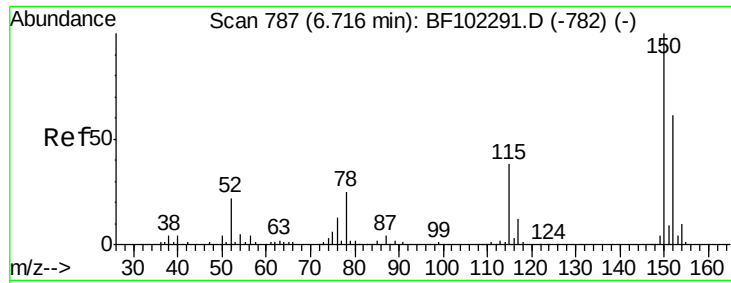
Instrument :
BNA_F
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WC-14R30-01

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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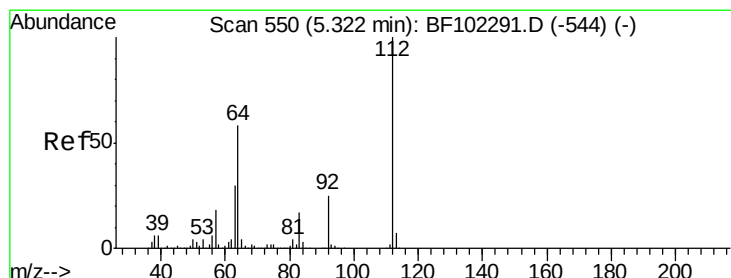
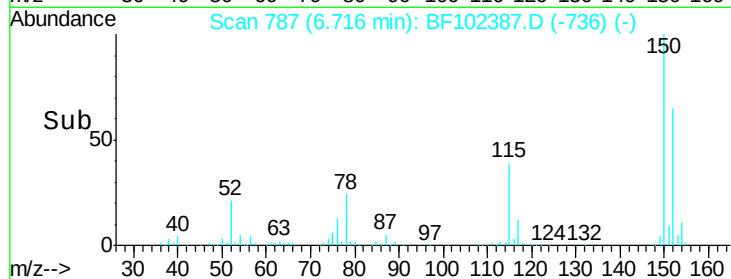
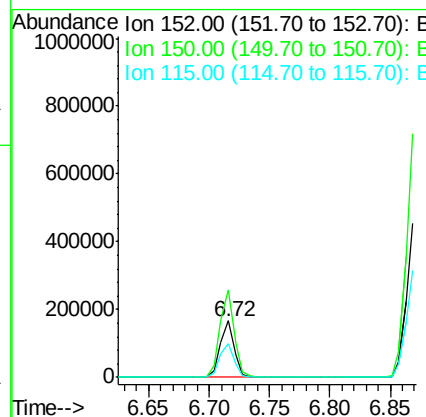
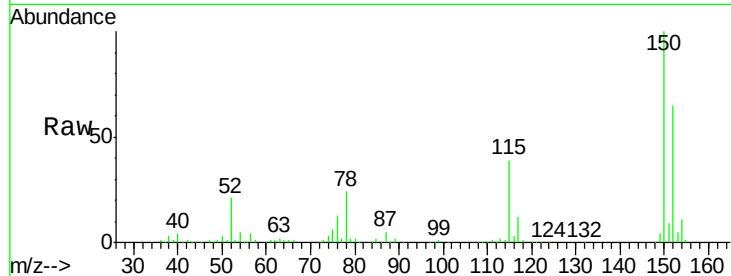
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102387.D
 Acq: 24 Jan 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-14R30-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	60.6	50.1	75.1

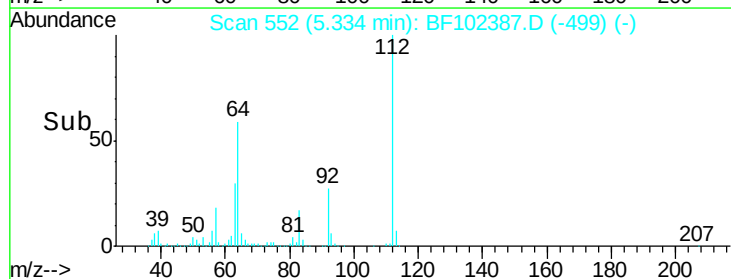
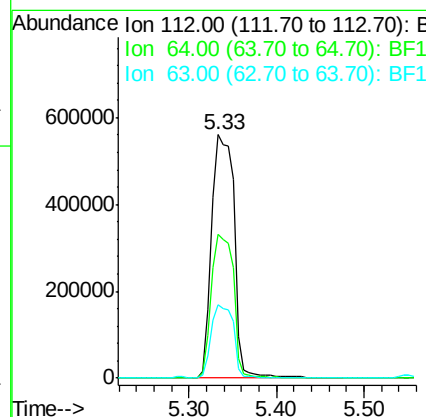
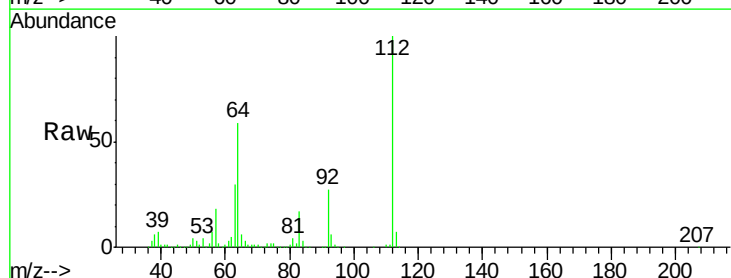
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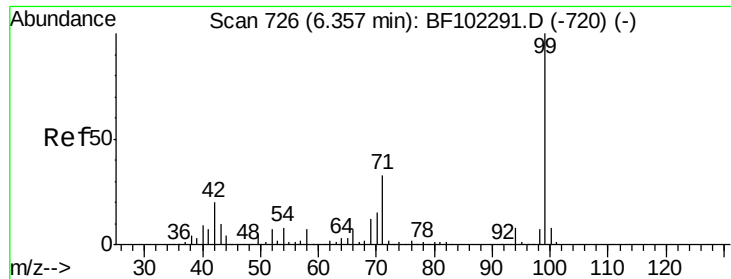
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#5
 2-Fluorophenol
 Concen: 115.141 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102387.D
 Acq: 24 Jan 2018 12:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 100.060 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102387.D

Acq: 24 Jan 2018 12:54

Instrument :

BNA_F

ClientSampleId :

WC-14R30-01

Tgt Ion: 99 Resp: 1060714

Ion Ratio Lower Upper

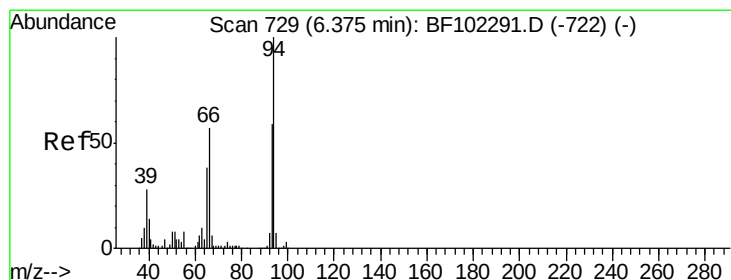
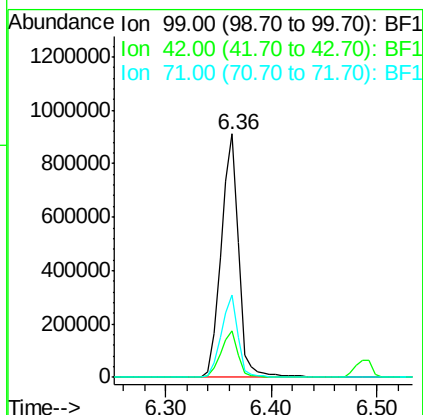
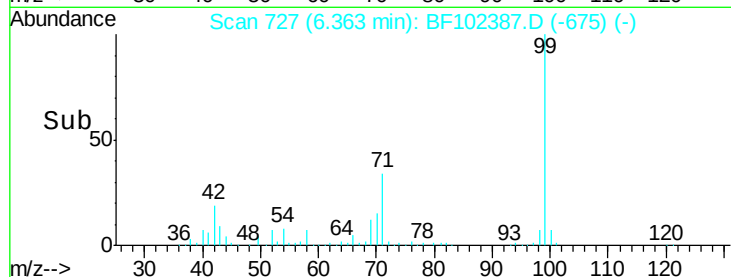
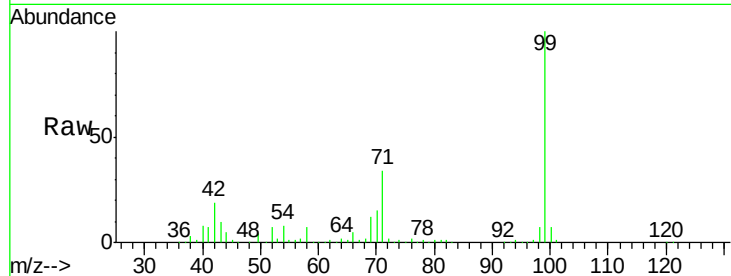
99 100

42 19.0 14.5 21.7

71 33.6 25.4 38.0

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#10

Phenol

Concen: 3.160 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102387.D

Acq: 24 Jan 2018 12:54

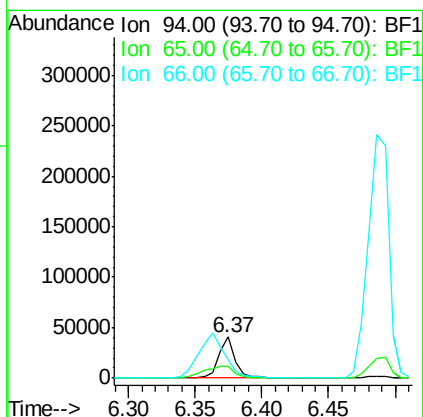
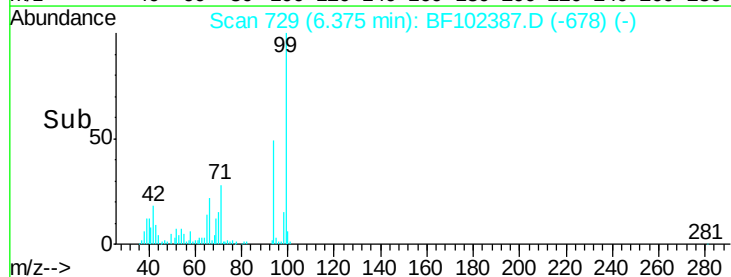
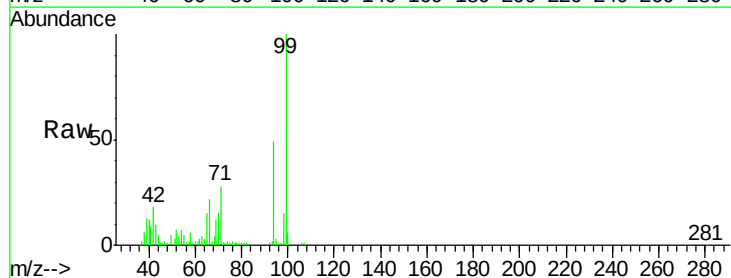
Tgt Ion: 94 Resp: 36570

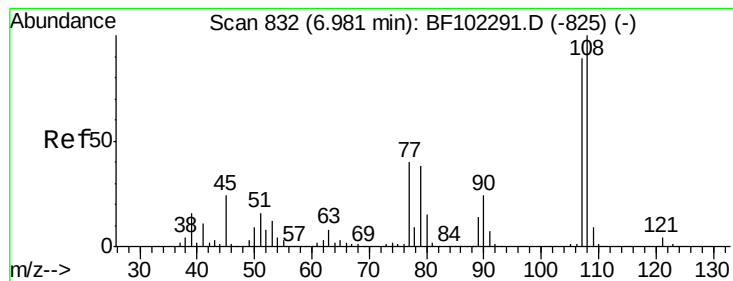
Ion Ratio Lower Upper

94 100

65 29.7 7.9 47.9

66 45.0 16.2 56.2





#17

2-Methylphenol

Concen: 3.226 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF102387.D

Acq: 24 Jan 2018 12:54

Instrument :

BNA_F

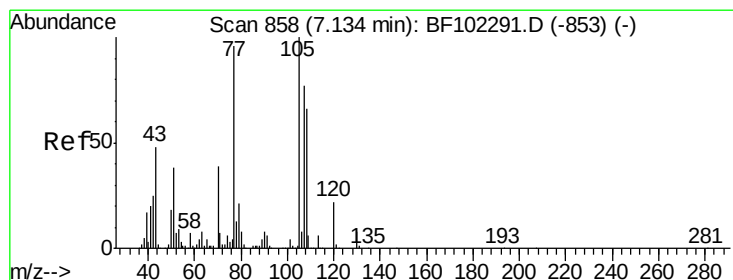
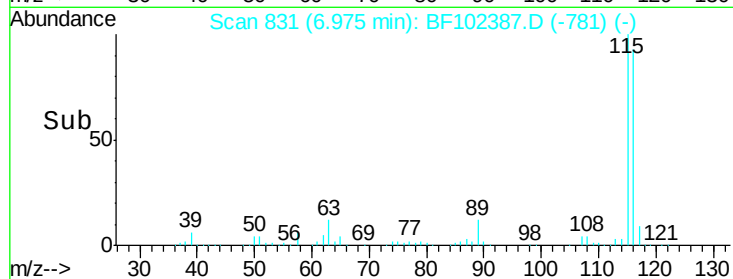
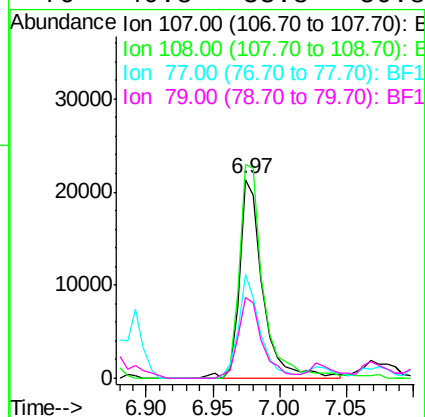
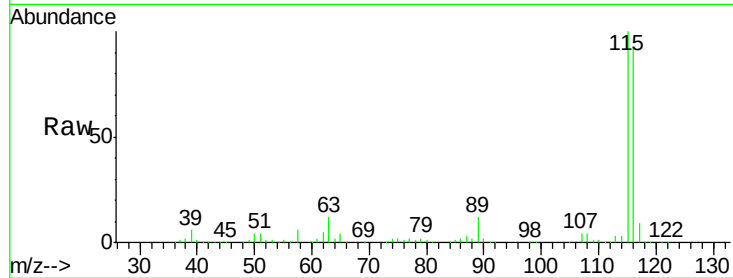
ClientSampleId :

WC-14R30-01

Tgt Ion:	107	Resp:	25821
Ion Ratio	Lower	Upper	
107	100		
108	107.4	91.7	137.5
77	52.3	33.8	50.8#
79	40.8	33.8	50.8

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#20

3+4-Methylphenols

Concen: 7.464 ng

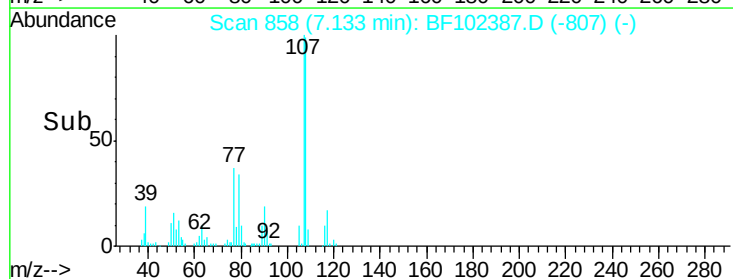
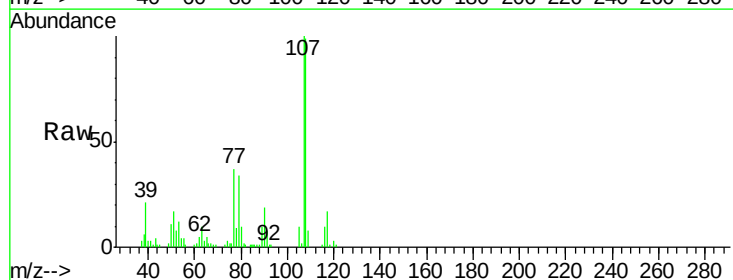
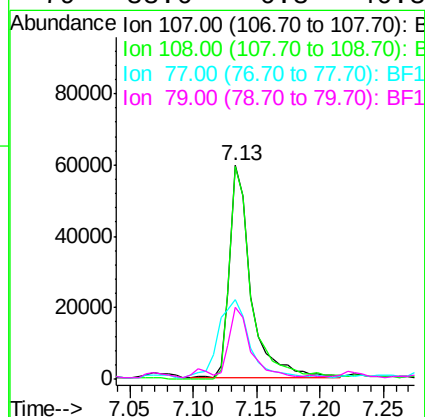
RT: 7.13 min Scan# 858

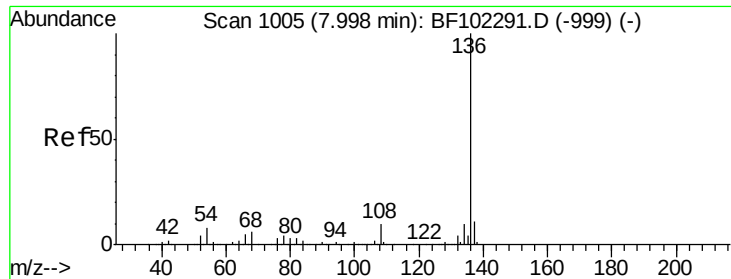
Delta R.T. -0.00 min

Lab File: BF102387.D

Acq: 24 Jan 2018 12:54

Tgt Ion:	107	Resp:	70274
Ion Ratio	Lower	Upper	
107	100		
108	99.4	68.2	108.2
77	37.4	26.7	66.7
79	33.6	6.3	46.3





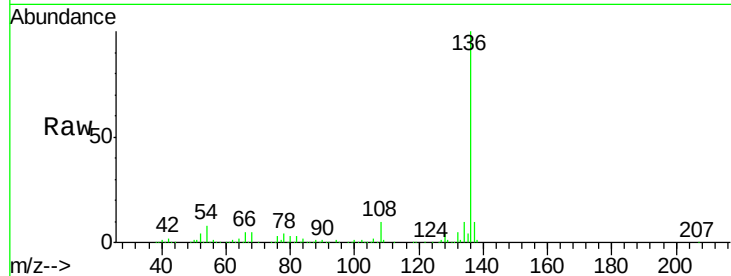
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102387.D
Acq: 24 Jan 2018 12:54

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

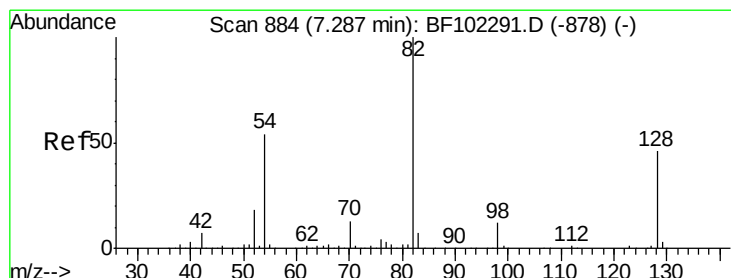
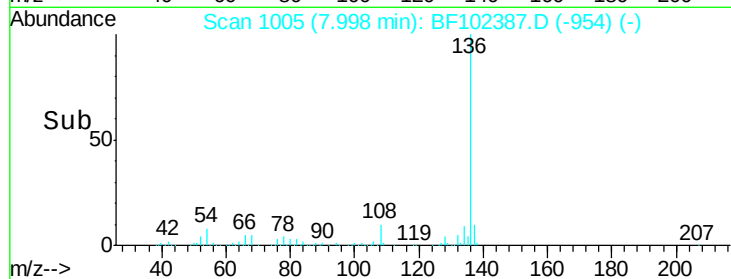
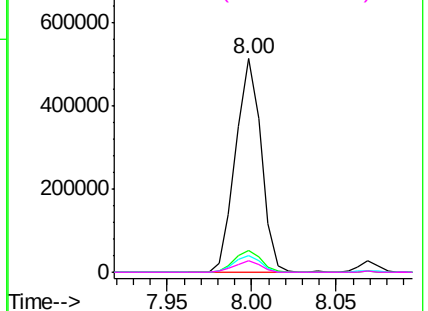
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	542409		
137	10.3	8.9	13.3	
54	8.1	6.6	9.8	
68	5.5	5.0	7.4	

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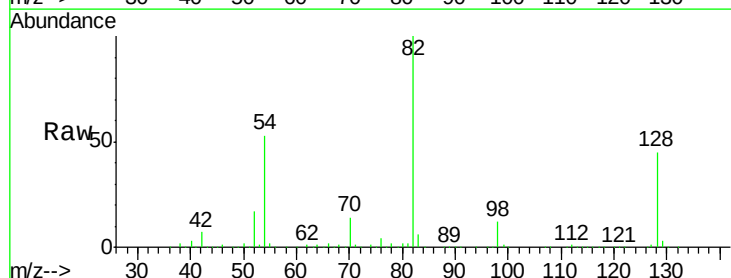


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

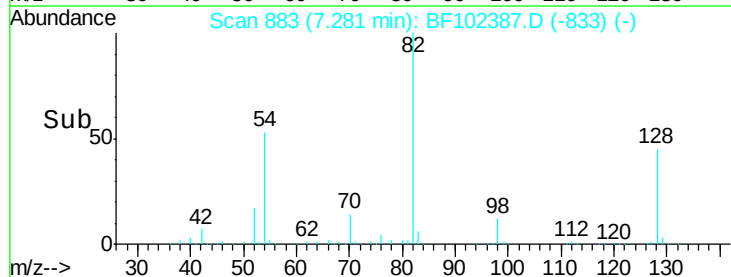
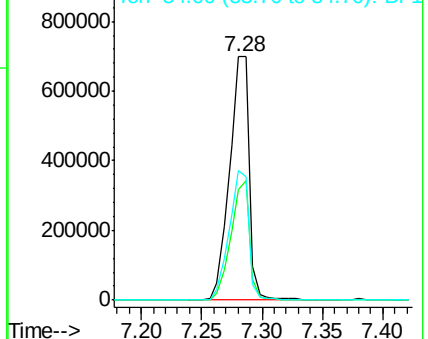


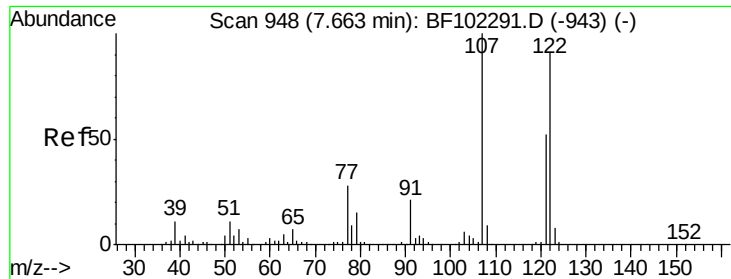
#23
Nitrobenzene-d5
Concen: 84.679 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102387.D
Acq: 24 Jan 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	799253		
128	45.4	36.1	54.1	
54	53.1	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





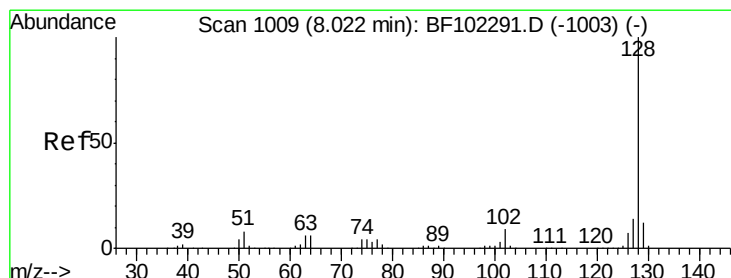
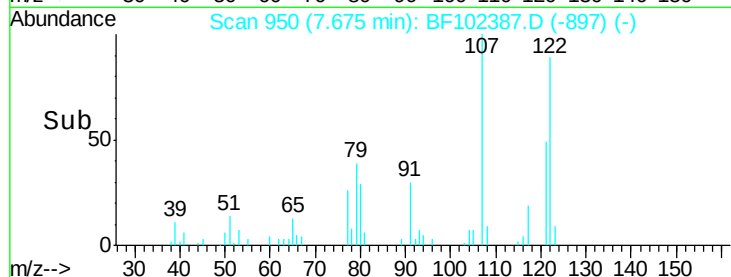
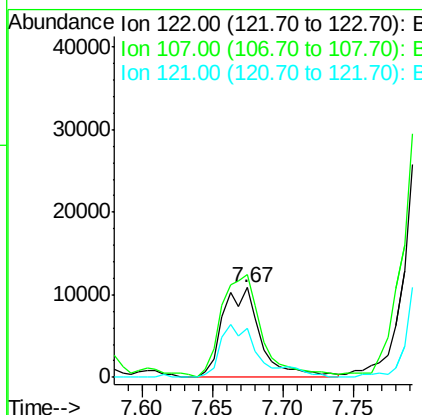
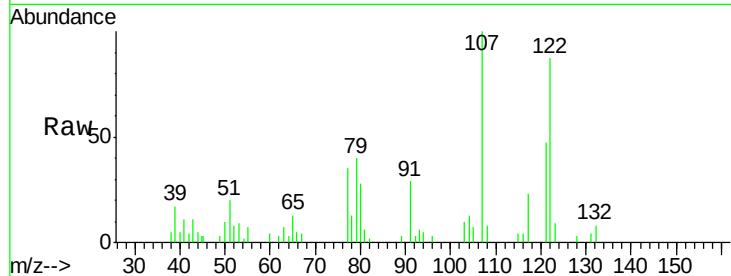
#27
2,4-Dimethylphenol
Concen: 2.795 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF102387.D
Acq: 24 Jan 2018 12:54

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.2	136.8
121	54.5	47.2	70.8

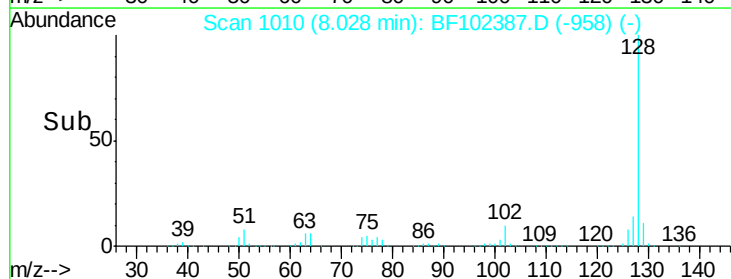
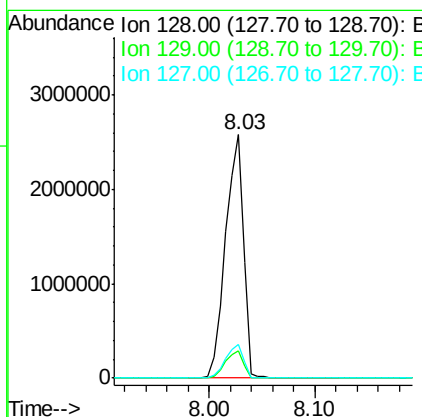
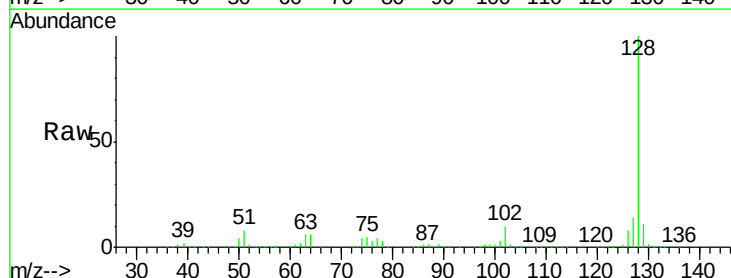
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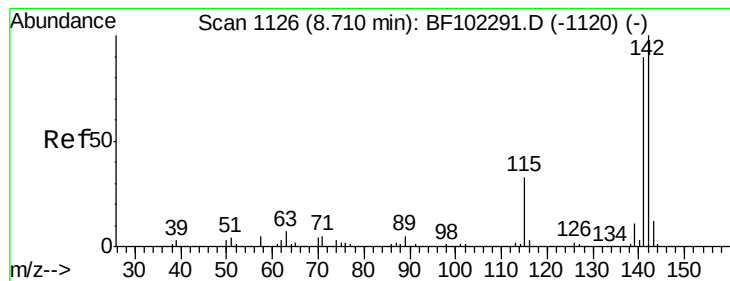
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#31
Naphthalene
Concen: 112.628 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF102387.D
Acq: 24 Jan 2018 12:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	14.0	10.9	16.3





#37

2-Methylnaphthalene

Concen: 15.861 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF102387.D

Acq: 24 Jan 2018 12:54

Instrument :

BNA_F

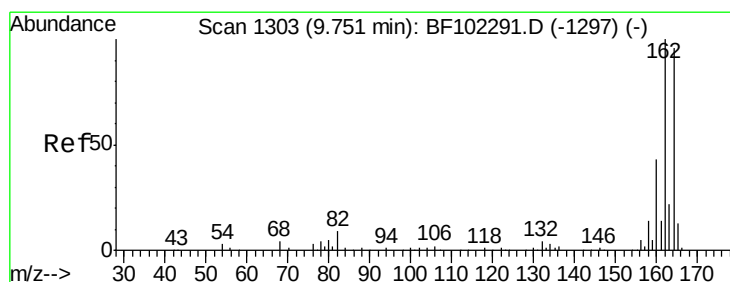
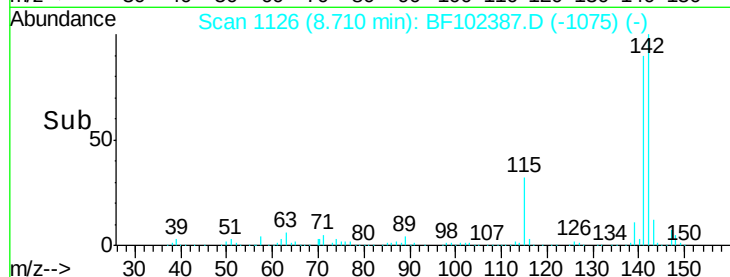
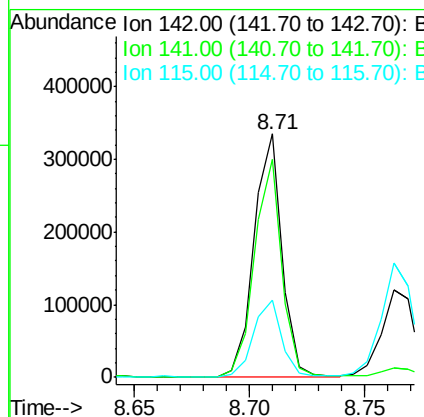
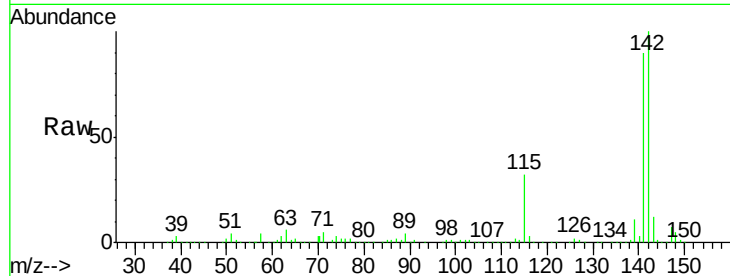
ClientSampled :

WC-14R30-01

Tgt Ion:	142	Resp:	286060
Ion Ratio	Lower	Upper	
142	100		
141	89.6	70.8	106.2
115	31.8	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

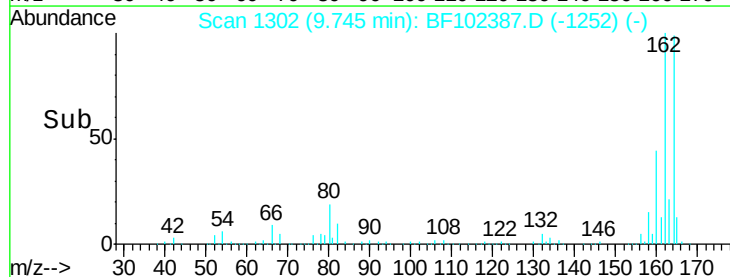
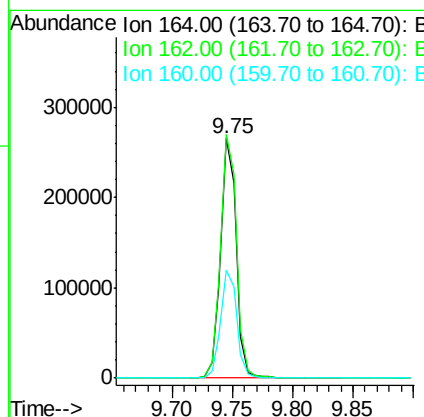
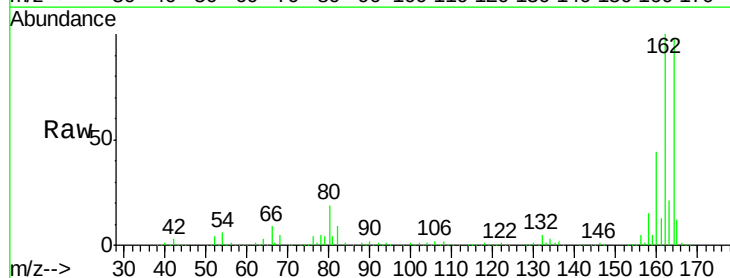
RT: 9.75 min Scan# 1302

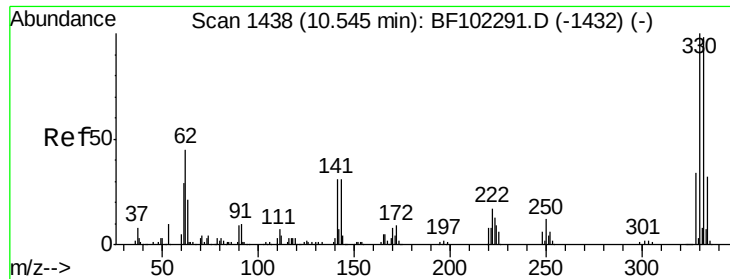
Delta R.T. -0.01 min

Lab File: BF102387.D

Acq: 24 Jan 2018 12:54

Tgt Ion:	164	Resp:	233756
Ion Ratio	Lower	Upper	
164	100		
162	101.6	86.1	129.1
160	45.0	38.3	57.5





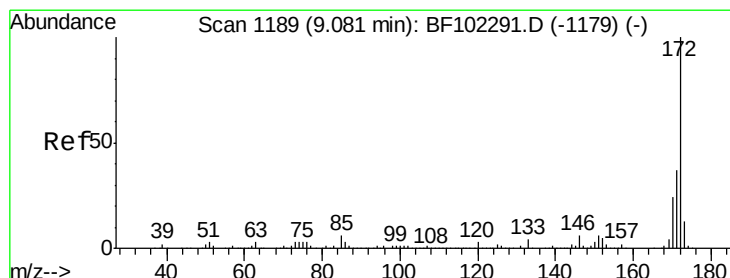
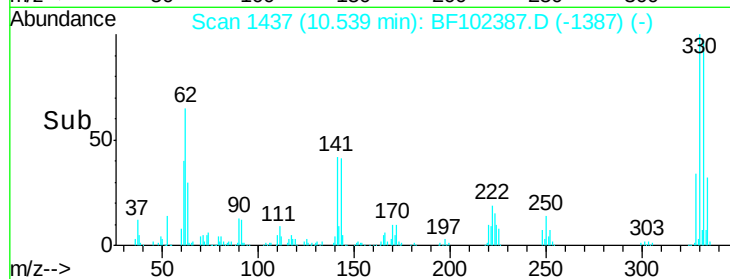
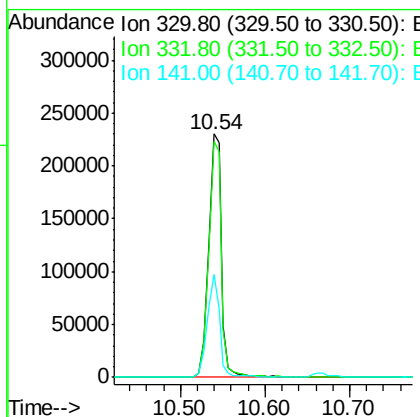
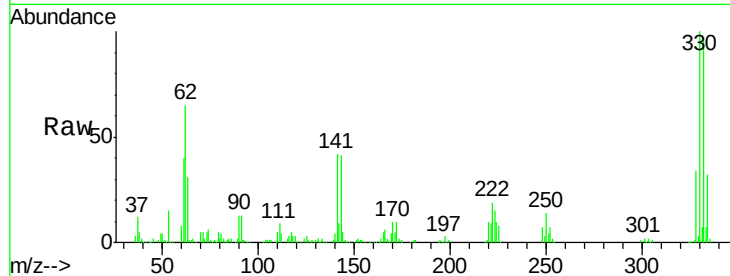
#41
 2,4,6-Tribromophenol
 Concen: 106.587 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102387.D
 Acq: 24 Jan 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-14R30-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	40.7	29.9	44.9

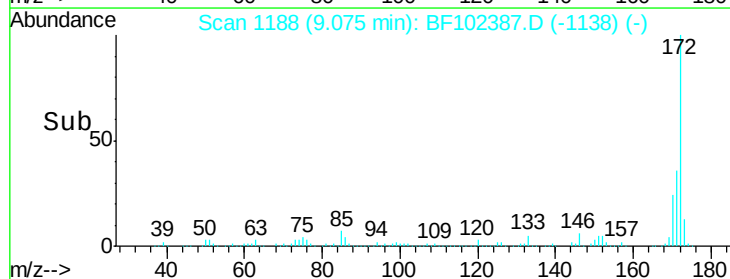
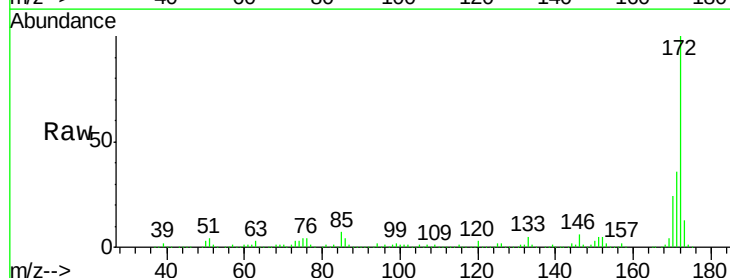
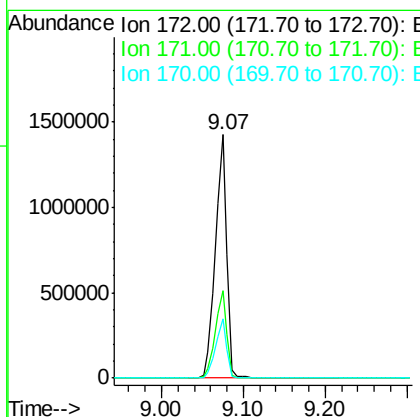
Manual Integrations
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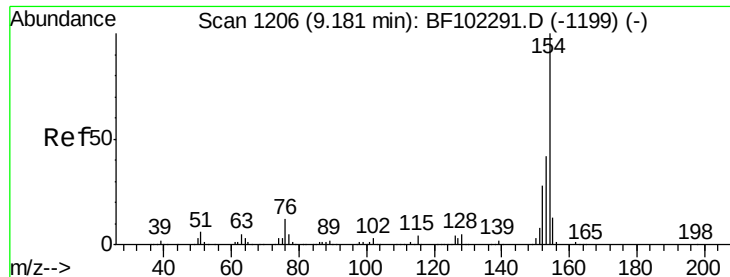
Sohil
 1/24/2018 2:47:48 PM



#44
 2-Fluorobiphenyl
 Concen: 87.918 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102387.D
 Acq: 24 Jan 2018 12:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.5	19.6	29.4





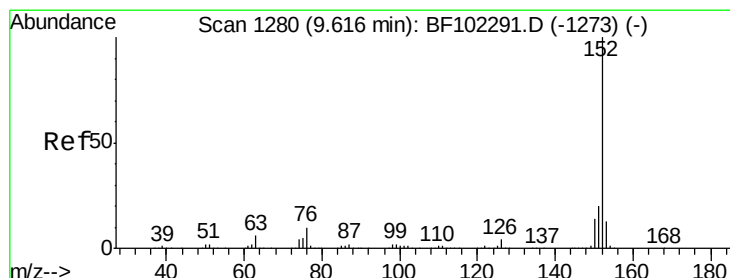
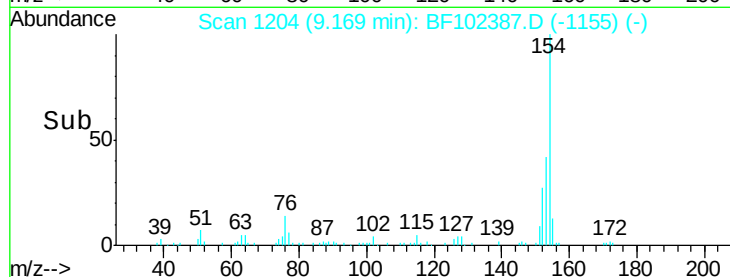
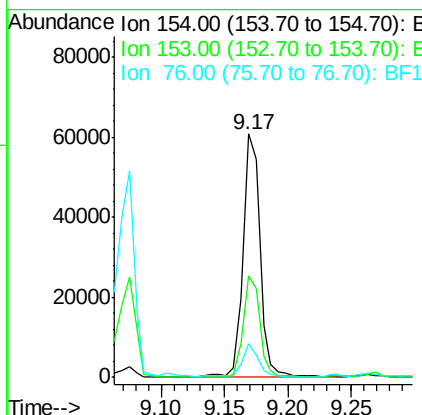
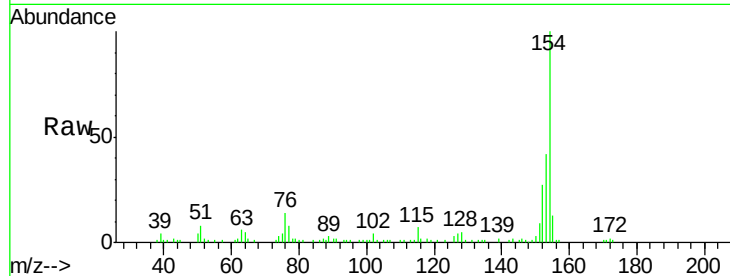
#45
1,1'-Biphenyl
Concen: 2.704 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF102387.D
Acq: 24 Jan 2018 12:54

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	56519		
153	41.6	21.3	61.3	
76	13.9	0.0	34.0	

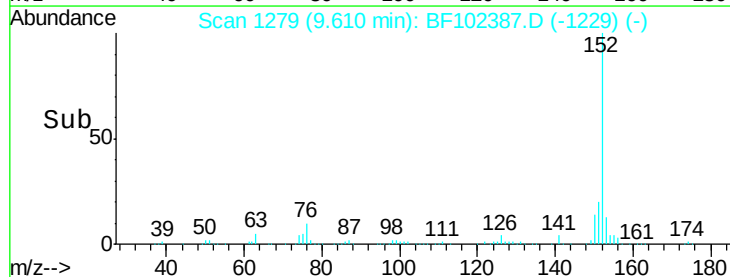
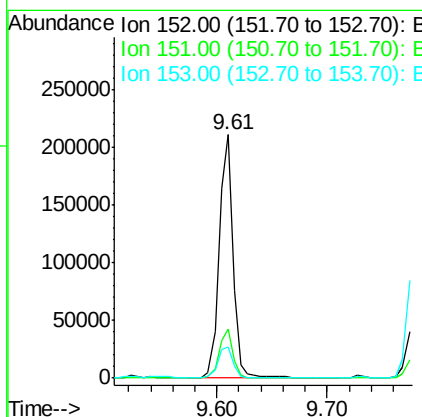
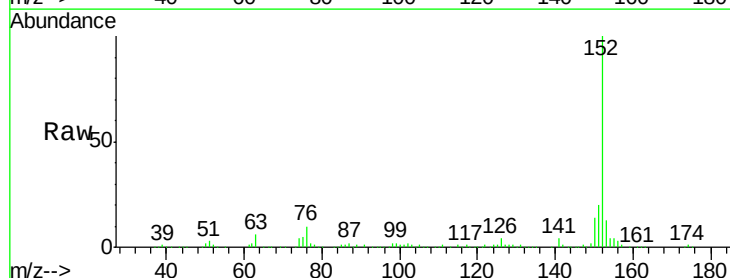
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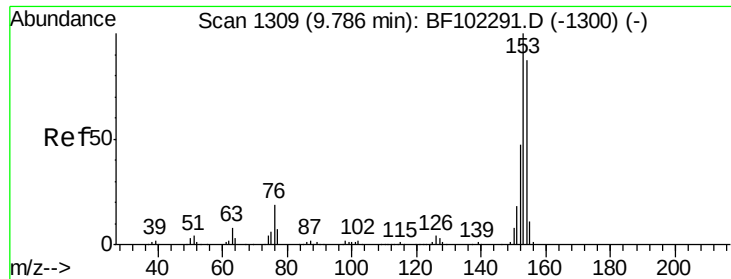
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#48
Acenaphthylene
Concen: 7.326 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102387.D
Acq: 24 Jan 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	185428		
151	20.0	16.3	24.5	
153	13.0	10.7	16.1	





#51

Acenaphthene

Concen: 6.039 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102387.D

Acq: 24 Jan 2018 12:54

Instrument :

BNA_F

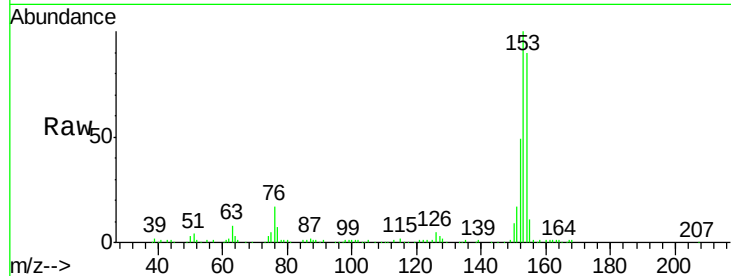
ClientSampleId :

WC-14R30-01

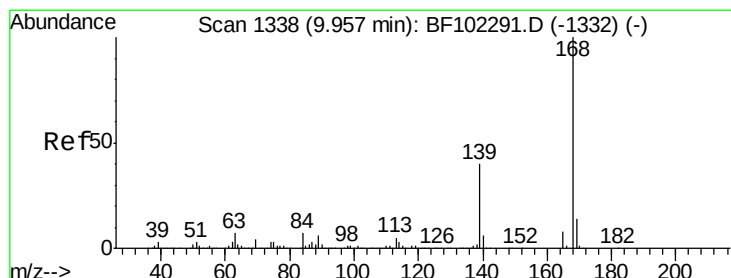
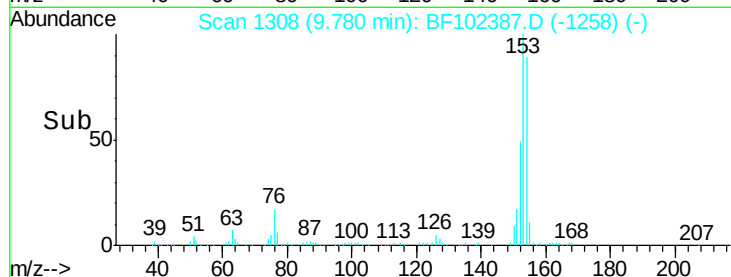
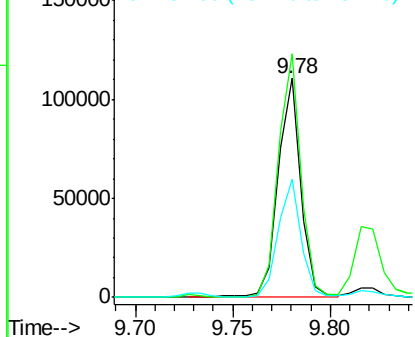
Tgt Ion:	154	Resp:	89274
Ion Ratio	Lower	Upper	
154	100		
153	111.3	91.2	136.8
152	54.0	43.8	65.8

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



#54

Dibenzofuran

Concen: 2.143 ng

RT: 9.95 min Scan# 1337

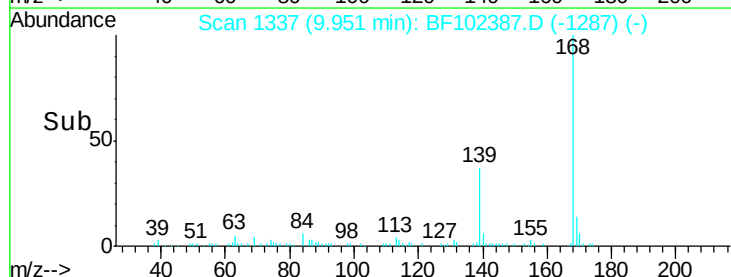
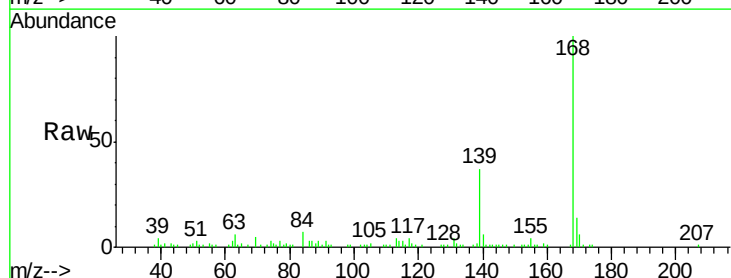
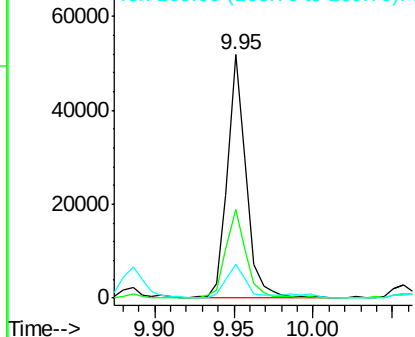
Delta R.T. -0.01 min

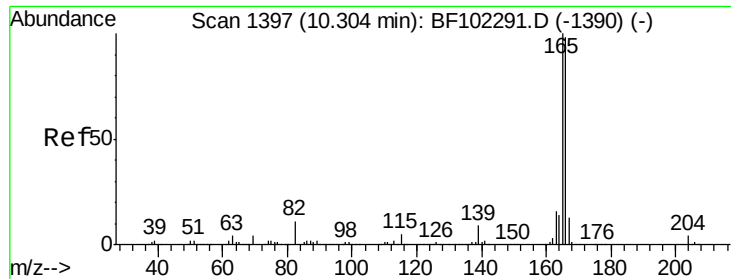
Lab File: BF102387.D

Acq: 24 Jan 2018 12:54

Tgt Ion:	168	Resp:	42879
Ion Ratio	Lower	Upper	
168	100		
139	36.6	30.1	45.1
169	13.6	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: 5.673 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF102387.D

Acq: 24 Jan 2018 12:54

Instrument :

BNA_F

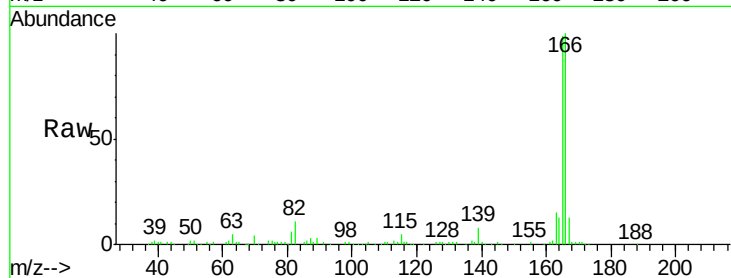
ClientSampleId :

WC-14R30-01

Tgt Ion:	166	Resp:	89936
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.8	119.8
167	13.1	10.6	16.0

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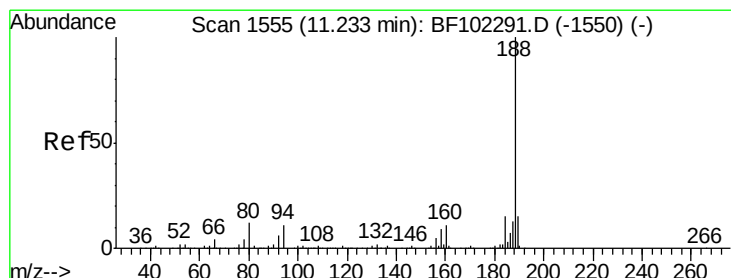
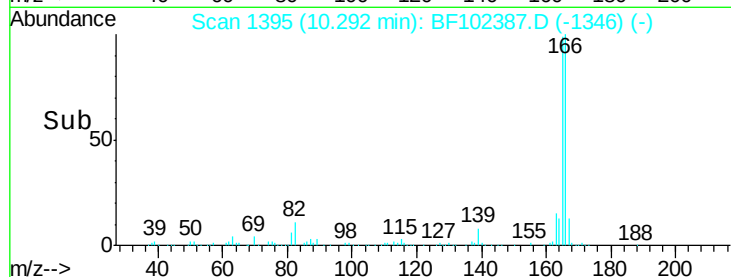
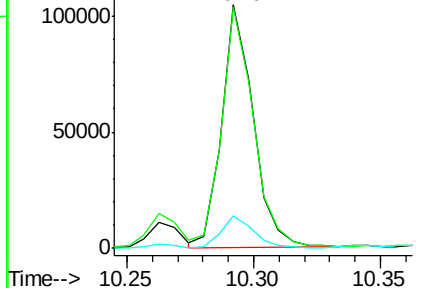
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102387.D

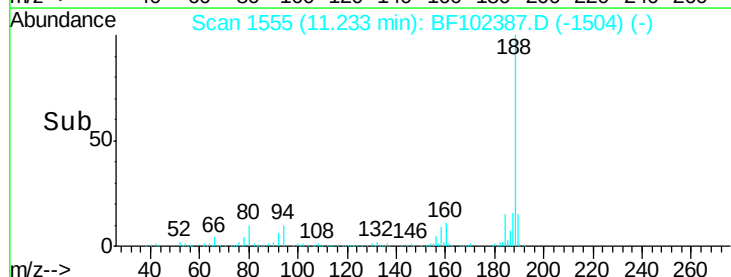
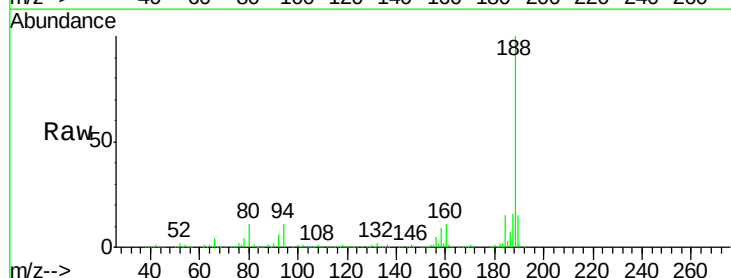
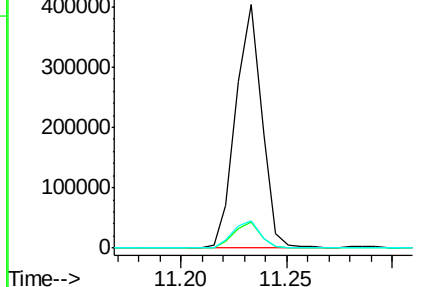
Acq: 24 Jan 2018 12:54

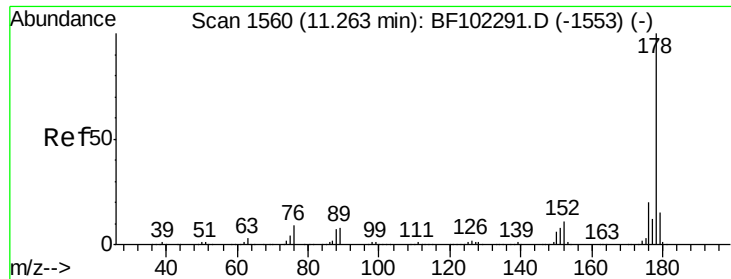
Tgt Ion:	188	Resp:	346125
Ion Ratio	Lower	Upper	
188	100		
94	10.9	8.5	12.7
80	11.0	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





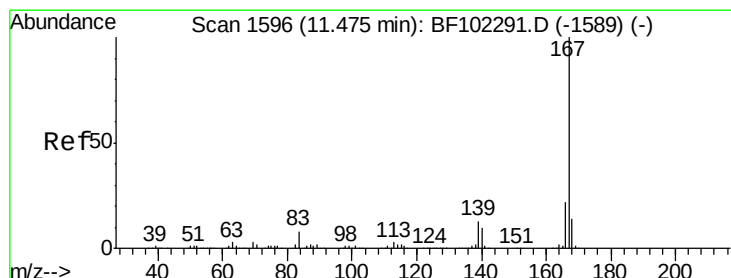
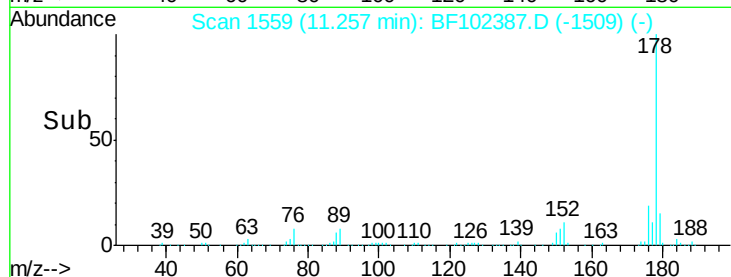
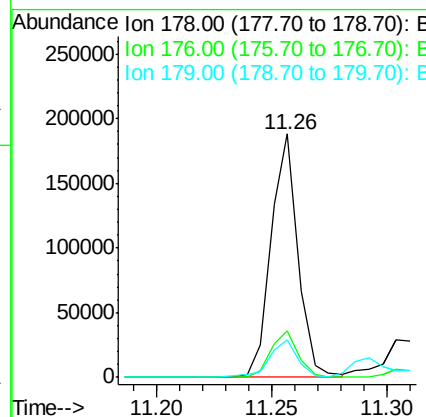
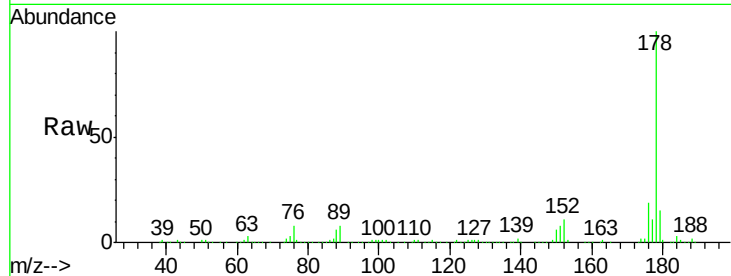
#70
Phenanthrene
Concen: 7.546 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102387.D
Acq: 24 Jan 2018 12:54

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	13.0	19.6

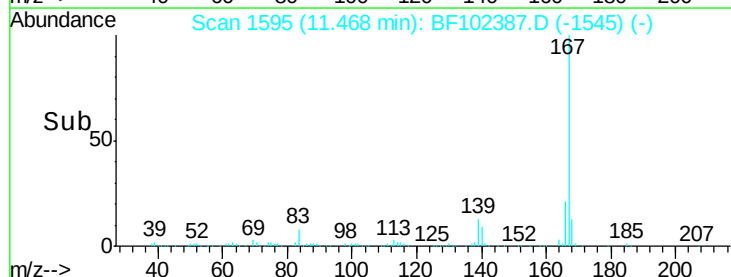
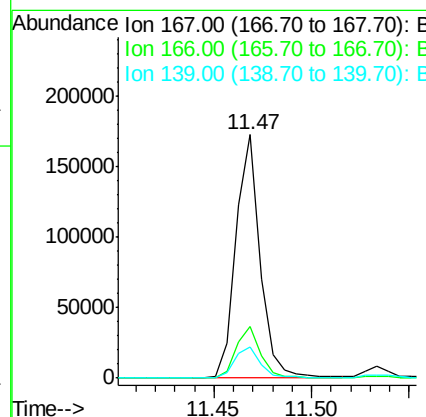
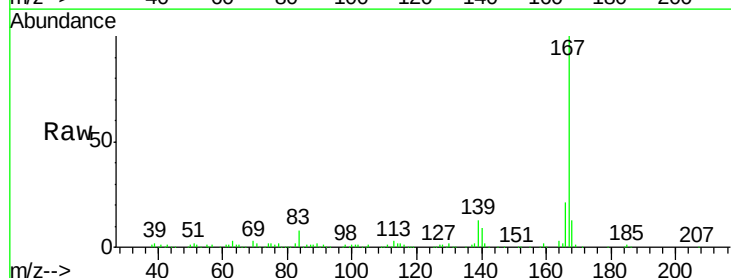
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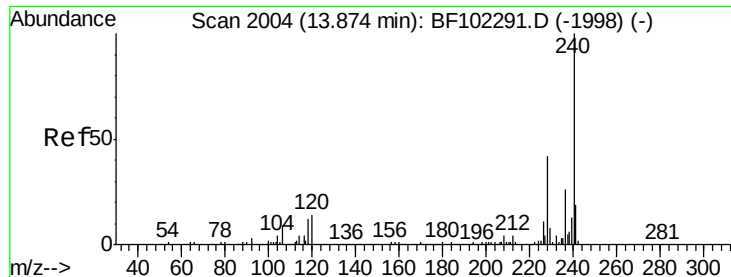
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#72
Carbazole
Concen: 7.453 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF102387.D
Acq: 24 Jan 2018 12:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	12.9	10.9	16.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102387.D

Acq: 24 Jan 2018 12:54

Instrument :

BNA_F

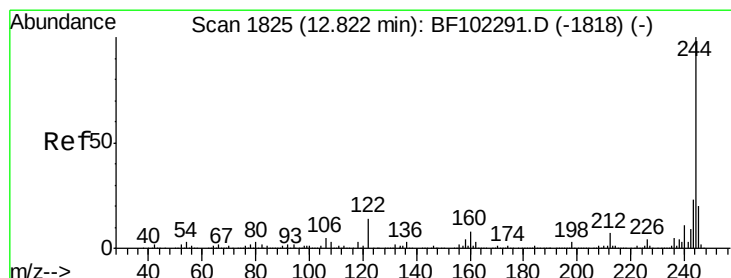
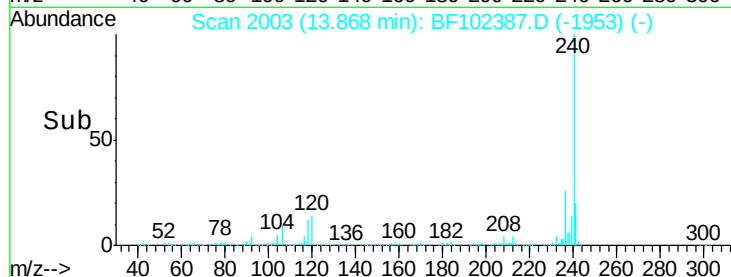
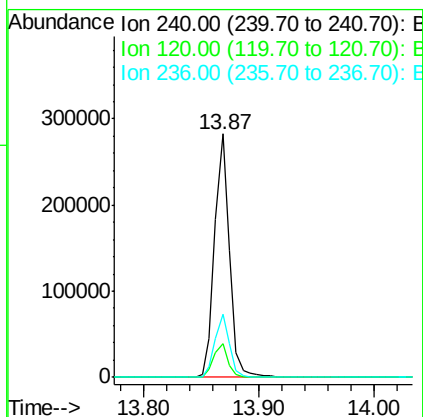
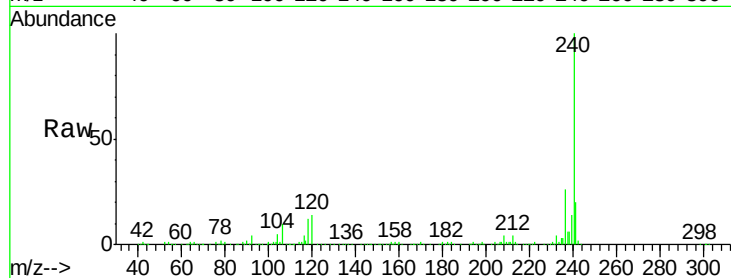
ClientSampleId :

WC-14R30-01

Tgt Ion:	240	Resp:	253001
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	25.9	20.7	31.1

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#78

Terphenyl-d14

Concen: 89.998 ng

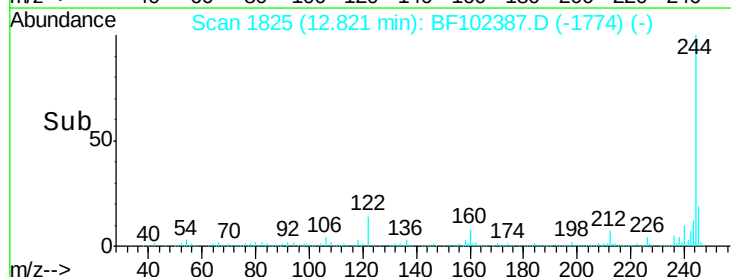
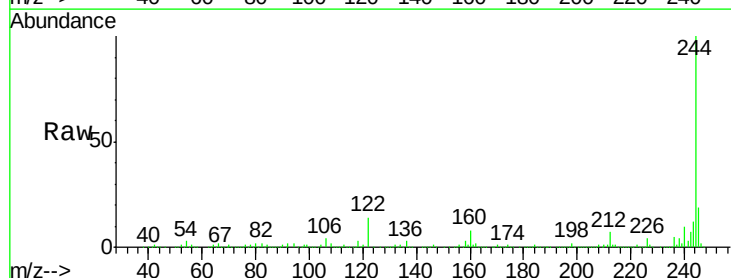
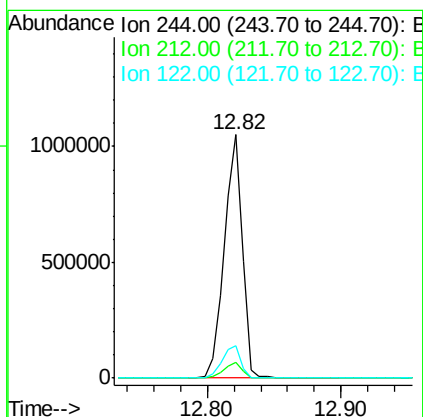
RT: 12.82 min Scan# 1825

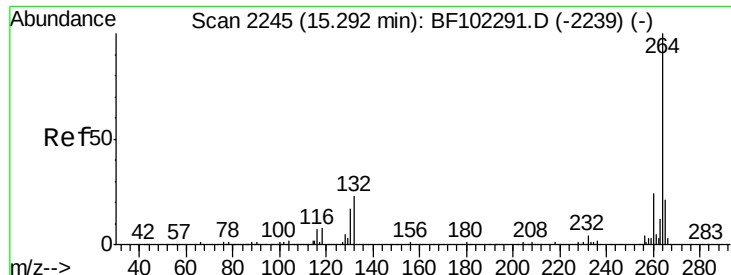
Delta R.T. -0.00 min

Lab File: BF102387.D

Acq: 24 Jan 2018 12:54

Tgt Ion:	244	Resp:	1010024
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102387.D
Acq: 24 Jan 2018 12:54

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	234666		
260	23.3	19.2	28.8	
265	20.5	17.5	26.3	

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