

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102340.D
 Acq On : 23 Jan 2018 12:44
 Operator : SJ/JU
 Sample : J1239-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-114767779-01

Manual Integrations
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 1/24/2018 2:46:39 PM

Quant Time: Jan 24 11:17:38 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	159807	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	480743	20.00	ng	0.02
38) Acenaphthene-d10	9.75	164	300467	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	497584	20.00	ng	0.00
75) Chrysene-d12	13.87	240	411868	20.00	ng	0.00
86) Perylene-d12	15.30	264	311856	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1071182	101.63	ng	0.02
7) Phenol-d6	6.39	99	1049331	82.58	ng	0.03
23) Nitrobenzene-d5	7.30	82	923736	110.42	ng	0.01
41) 2,4,6-Tribromophenol	10.55	330	343003	115.21	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1591307	77.87	ng	0.00
78) Terphenyl-d14	12.83	244	1546764	84.66	ng	0.01

Target Compounds						Qvalue
3) Pyridine	3.22	79	87401m	6.679	ng	
10) Phenol	6.42	94	3516231	253.479	ng	96
17) 2-Methylphenol	6.99	107	914734	95.332	ng	98
20) 3+4-Methylphenols	7.17	107	2829169	250.701	ng	85
27) 2,4-Dimethylphenol	7.68	122	673174	102.890	ng	97
31) Naphthalene	8.06	128	10629725	442.854	ng	97
37) 2-Methylnaphthalene	8.72	142	669631	41.891	ng	99
45) 1,1'-Biphenyl	9.17	154	137143	5.105	ng	97
48) Acenaphthylene	9.61	152	428288	13.164	ng	98
51) Acenaphthene	9.78	154	68731	3.617	ng	96
54) Dibenzofuran	9.96	168	335341	13.040	ng	98
57) Fluorene	10.30	166	305118	14.974	ng	97
70) Phenanthrene	11.26	178	423593	14.609	ng	99
71) Anthracene	11.31	178	103317m	3.491	ng	
72) Carbazole	11.49	167	1076371	37.280	ng	99

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

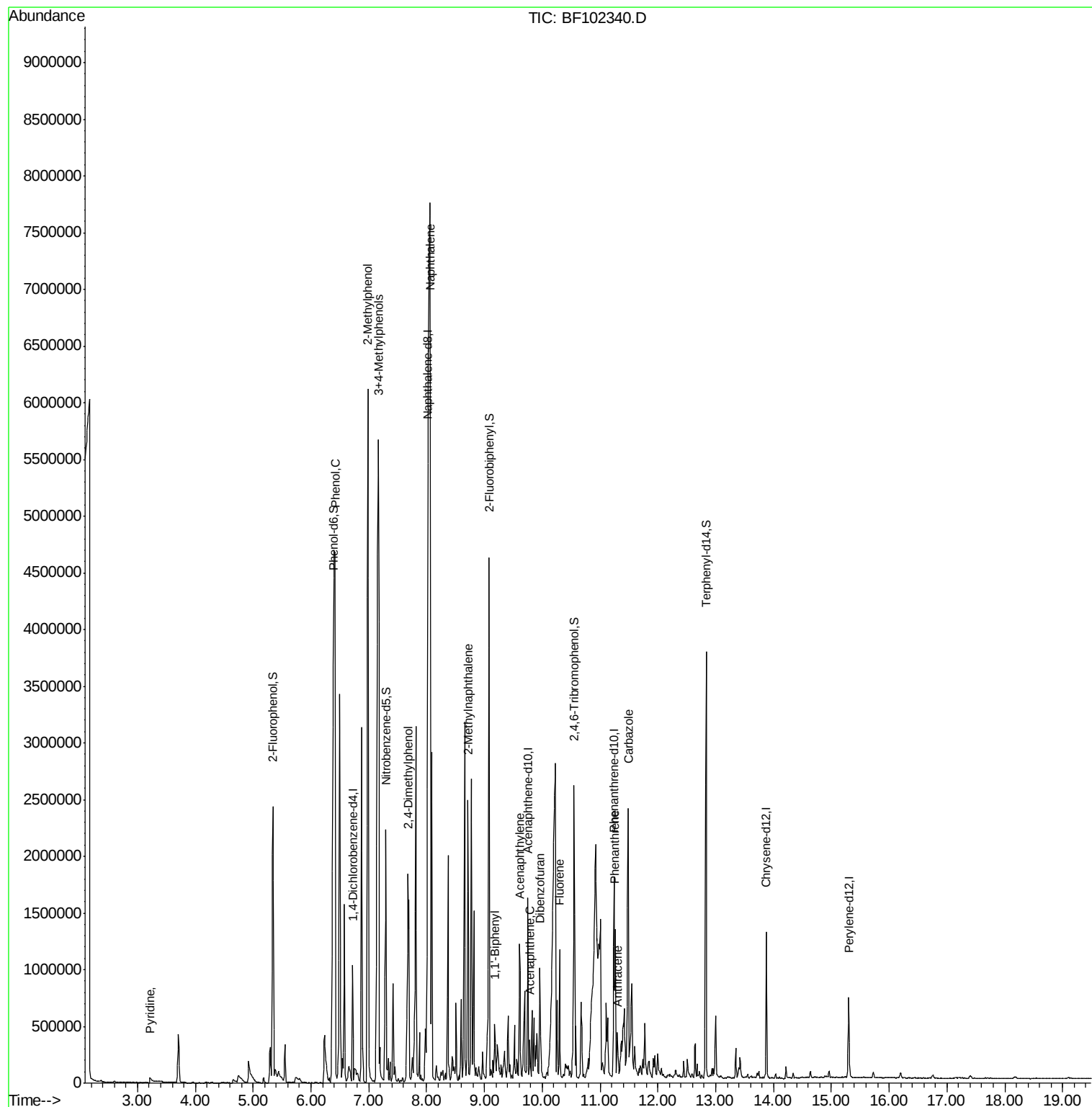
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102340.D
Acq On : 23 Jan 2018 12:44
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Sample : J1239-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

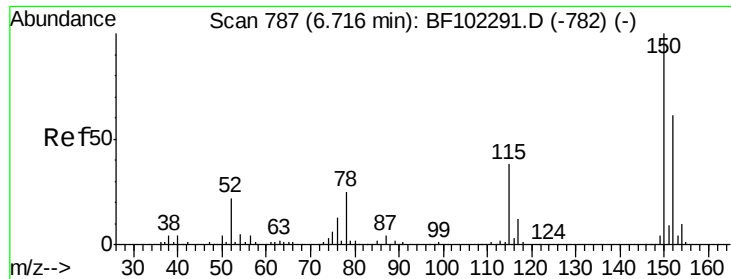
Instrument :
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Quant Time: Jan 24 11:17:38 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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#1

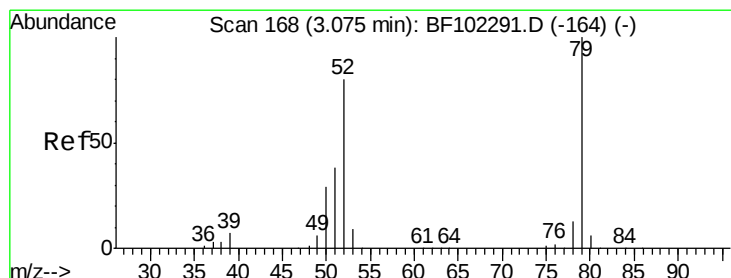
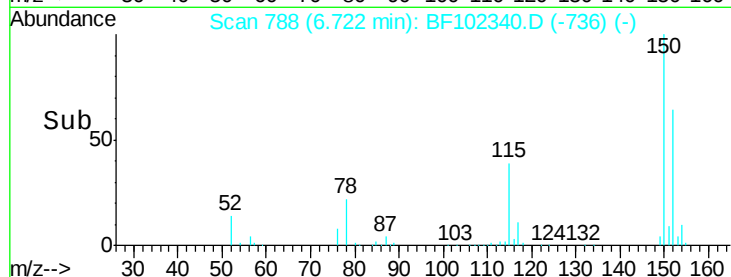
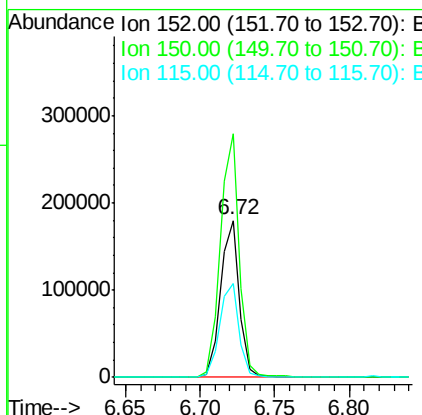
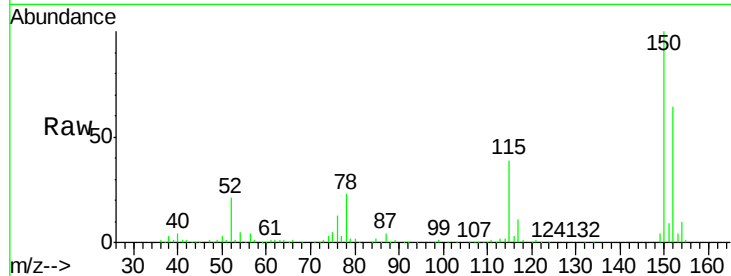
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Instrument :
BNA_F
ClientSampleId :
WC-114767779-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.8	50.1	75.1

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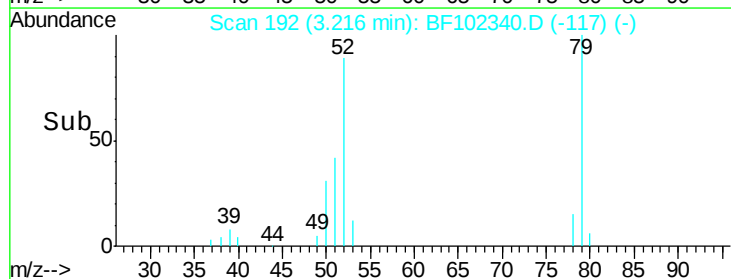
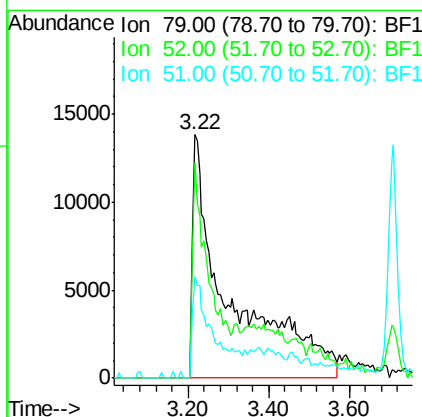
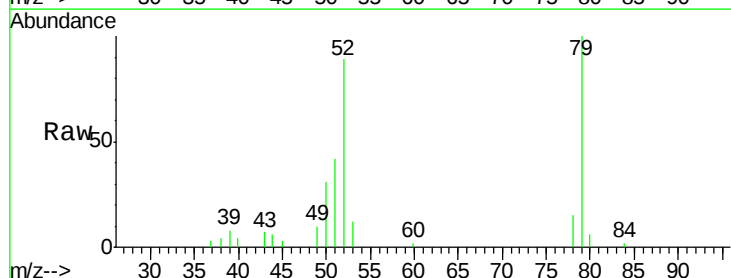
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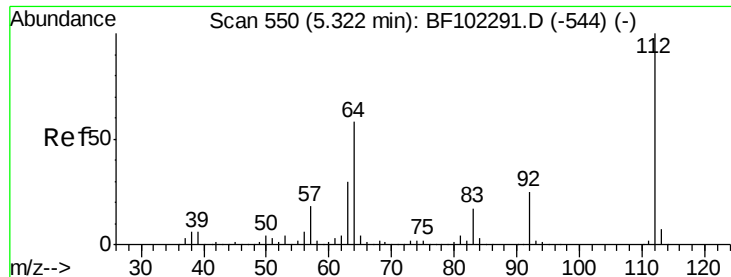


#3

Pyridine
Concen: 6.679 ng m
RT: 3.22 min Scan# 192
Delta R.T. 0.14 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Tgt Ion	Ratio	Lower	Upper
79	100		
52	88.7	59.8	89.6
51	41.8	29.8	44.8





#5

2-Fluorophenol

Concen: 101.635 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102340.D

Acq: 23 Jan 2018 12:44

Instrument :

BNA_F

ClientSampleId :

WC-114767779-01

Tgt Ion: 112 Resp: 1071182

Ion Ratio Lower Upper

112 100

64 57.9 47.9 71.9

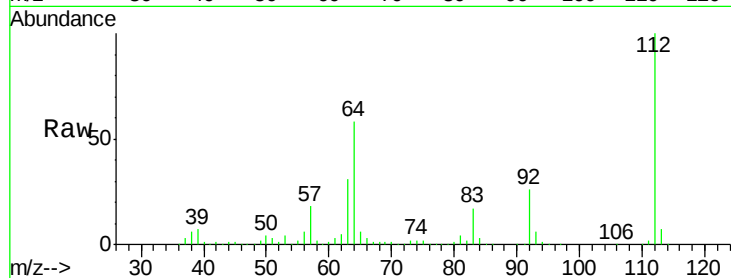
63 30.5 23.7 35.5

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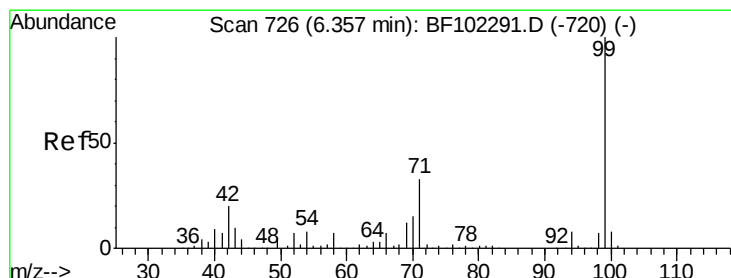
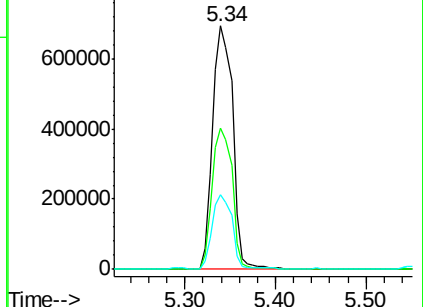
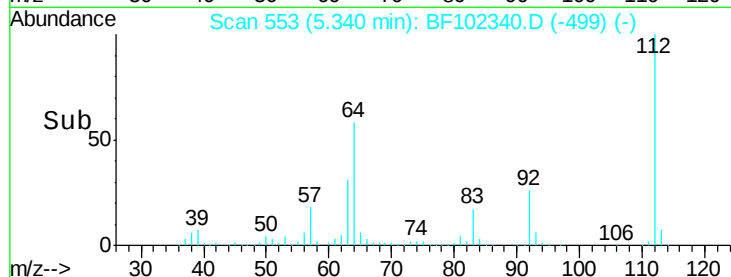
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 82.583 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF102340.D

Acq: 23 Jan 2018 12:44

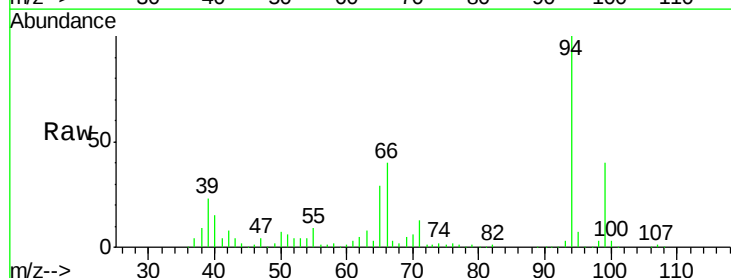
Tgt Ion: 99 Resp: 1049331

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

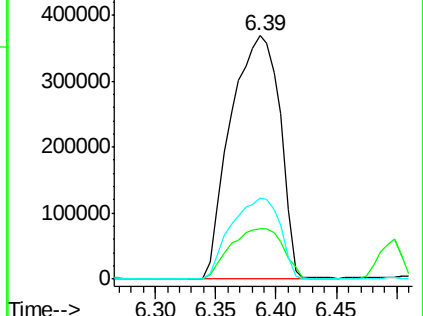
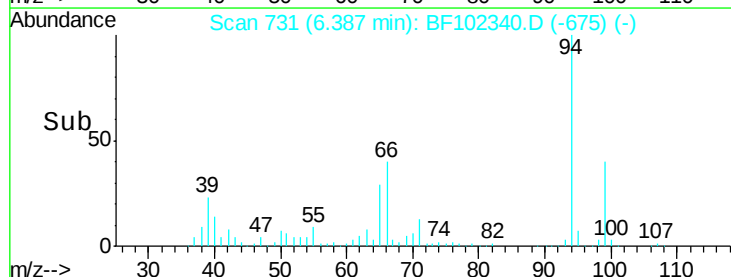
71 33.3 25.4 38.0

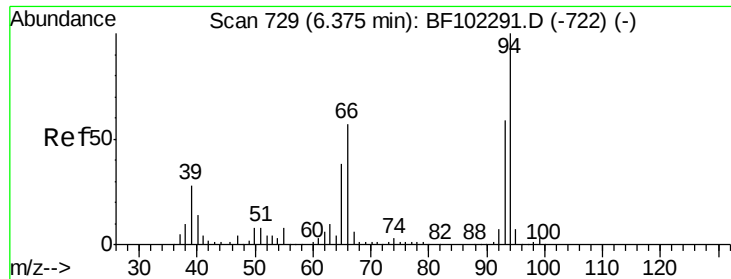


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#10

Phenol

Concen: 253.479 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.04 min

Lab File: BF102340.D

Acq: 23 Jan 2018 12:44

Instrument :

BNA_F

ClientSampleId :

WC-114767779-01

Tgt Ion: 94 Resp: 3516231

Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

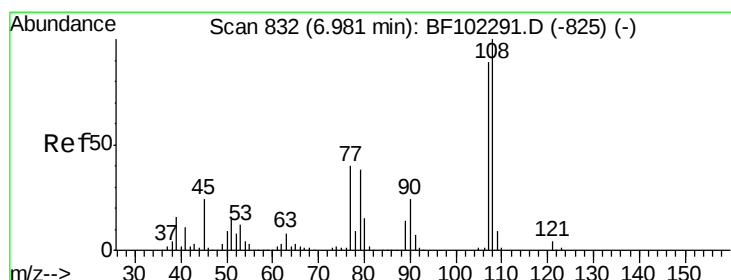
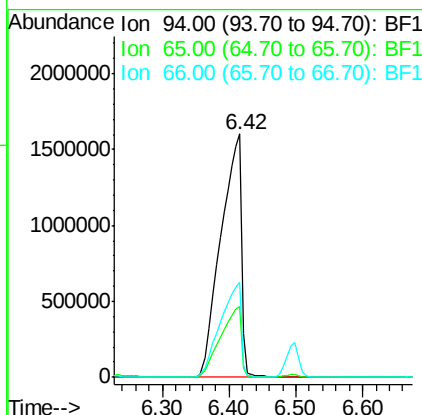
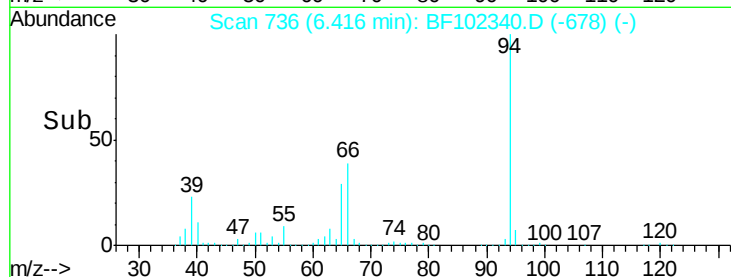
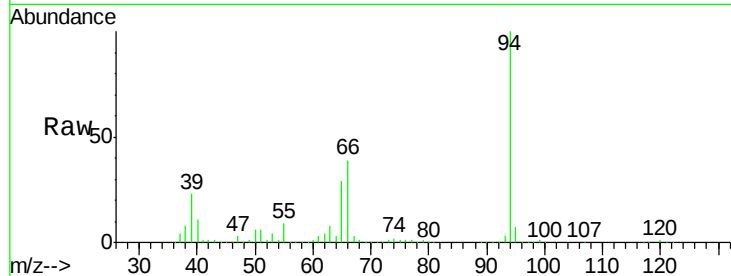
66 39.1 16.2 56.2

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#17

2-Methylphenol

Concen: 95.332 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF102340.D

Acq: 23 Jan 2018 12:44

Tgt Ion: 107 Resp: 914734

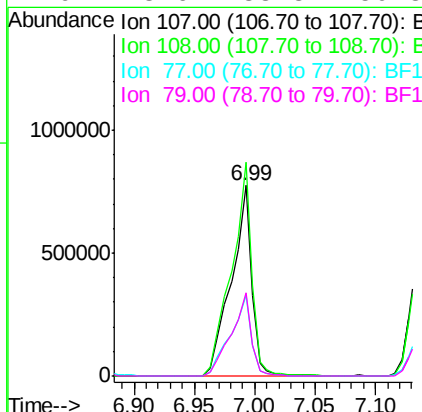
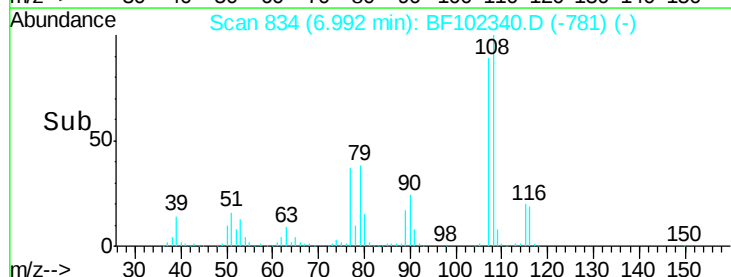
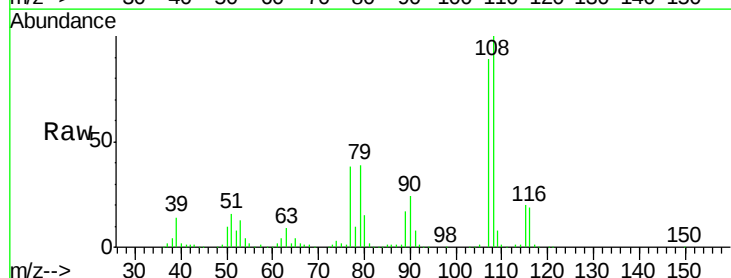
Ion Ratio Lower Upper

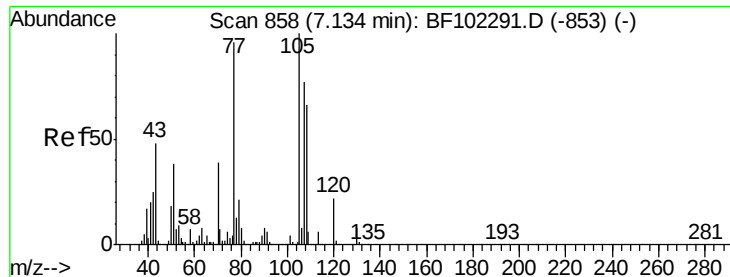
107 100

108 112.1 91.7 137.5

77 42.4 33.8 50.8

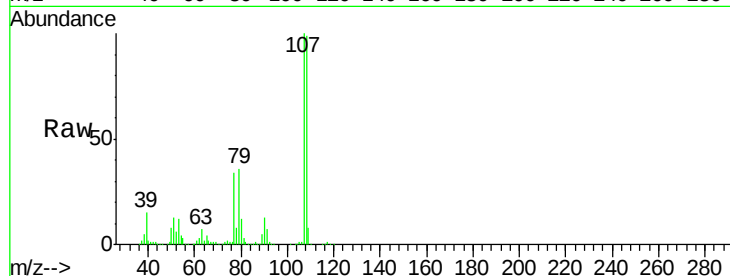
79 43.6 33.8 50.8





#20
3+4-Methylphenols
Concen: 250.701 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.04 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

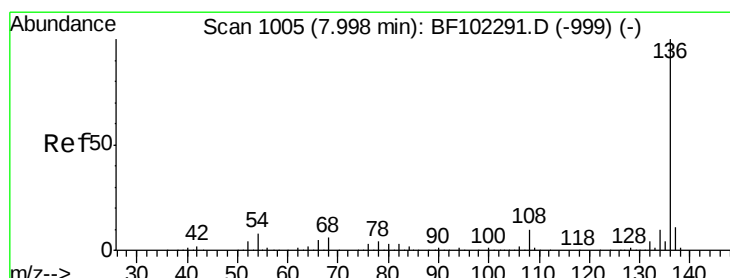
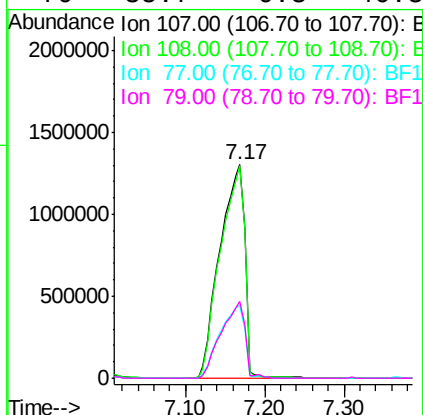
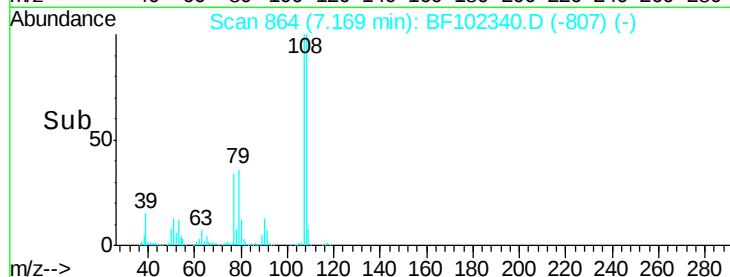
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
107	100		
108	99.5	68.2	108.2
77	34.4	26.7	66.7
79	35.7	6.3	46.3

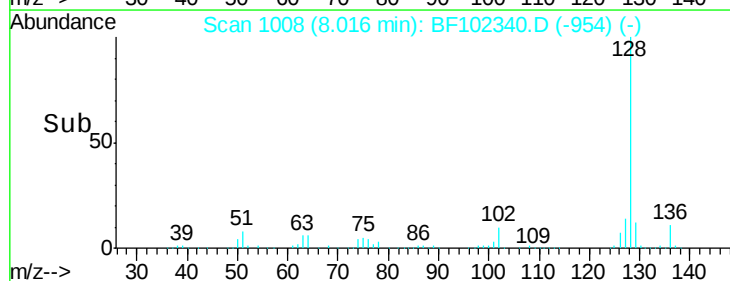
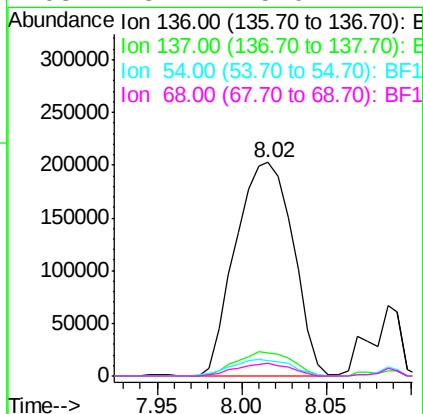
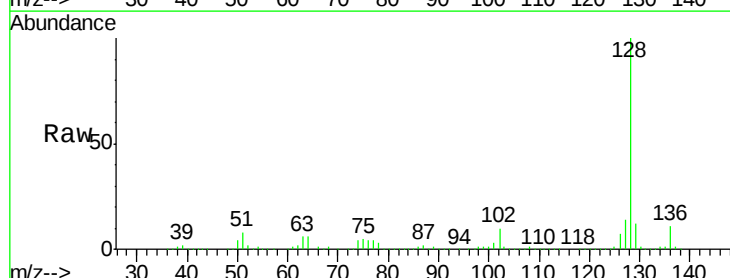
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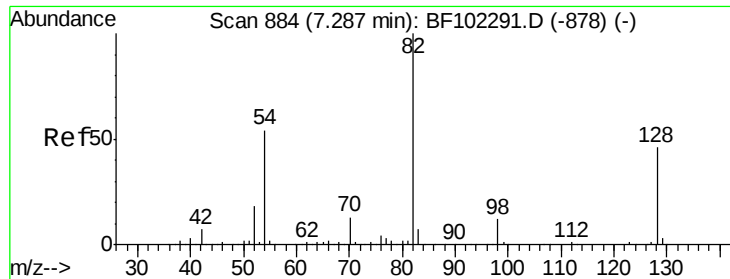
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.02 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.3	6.6	9.8
68	5.7	5.0	7.4





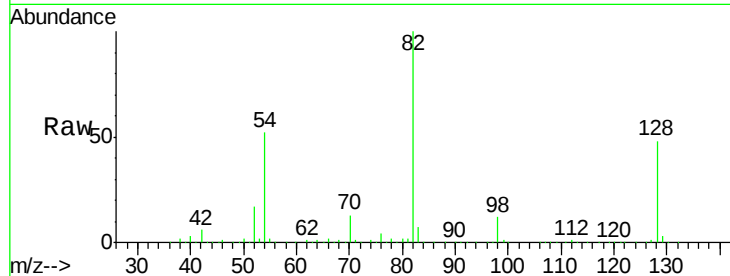
#23
Nitrobenzene-d5
Concen: 110.421 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Instrument :
BNA_F
ClientSampleId :
WC-114767779-01

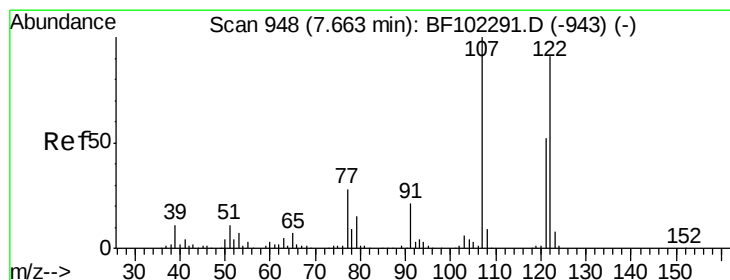
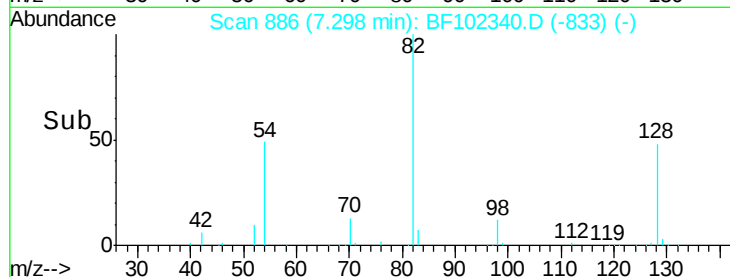
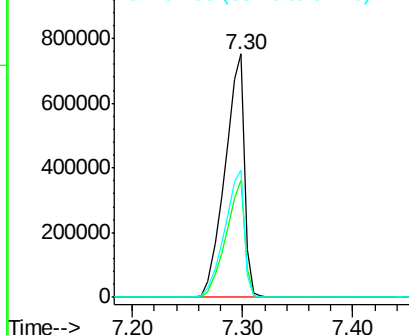
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	923736		
128	47.8	36.1	54.1	
54	52.0	41.4	62.2	

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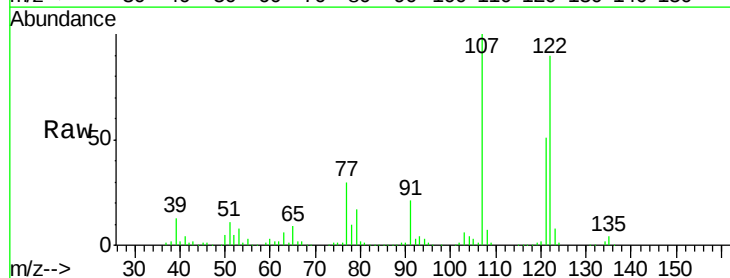


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

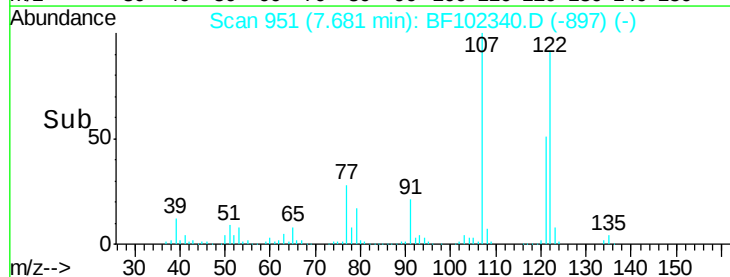
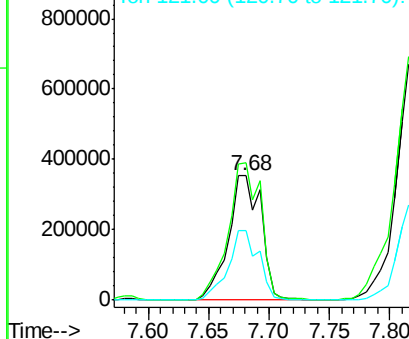


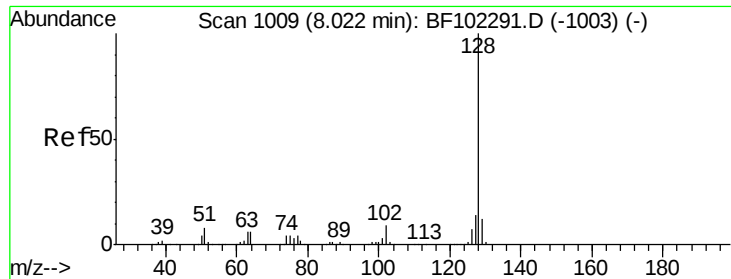
#27
2,4-Dimethylphenol
Concen: 102.890 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.02 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	673174		
107	110.6	91.2	136.8	
121	56.3	47.2	70.8	



Abundance Ion 122.00 (121.70 to 122.70): B
Ion 107.00 (106.70 to 107.70): B
Ion 121.00 (120.70 to 121.70): B





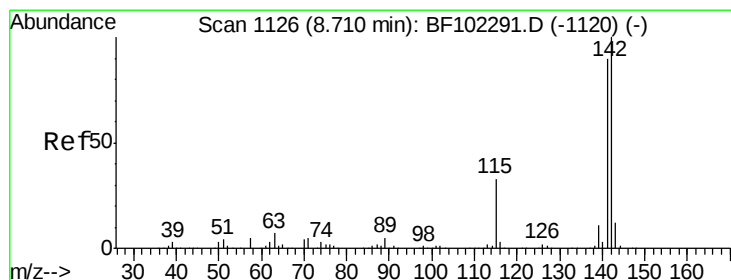
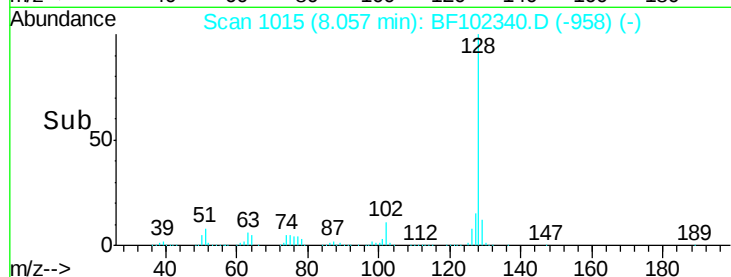
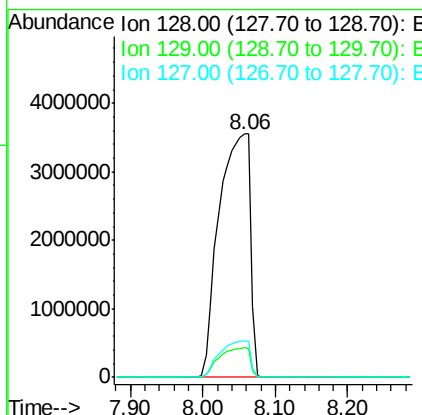
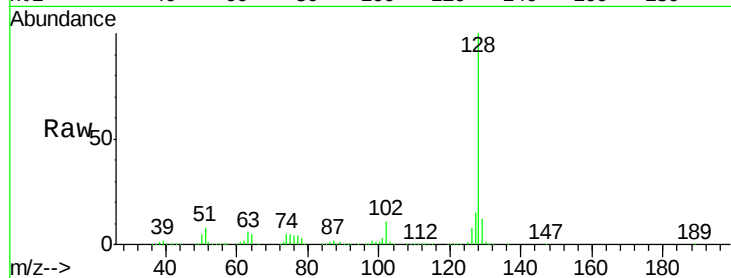
#31
Naphthalene
Concen: 442.854 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.04 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Instrument :
BNA_F
ClientSampleId :
WC-114767779-01

Tgt Ion:128 Resp:10629725
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 14.9 10.9 16.3

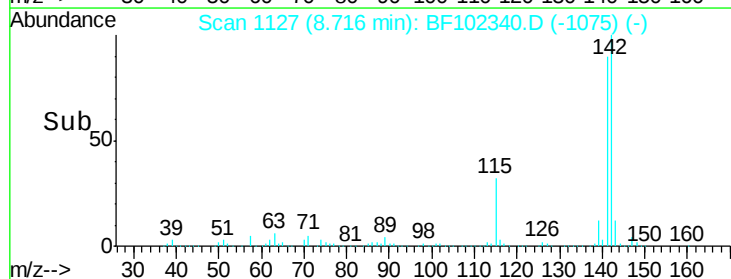
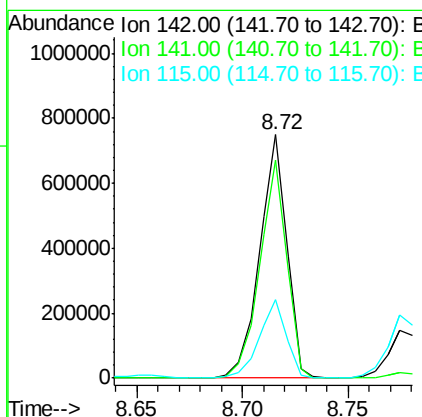
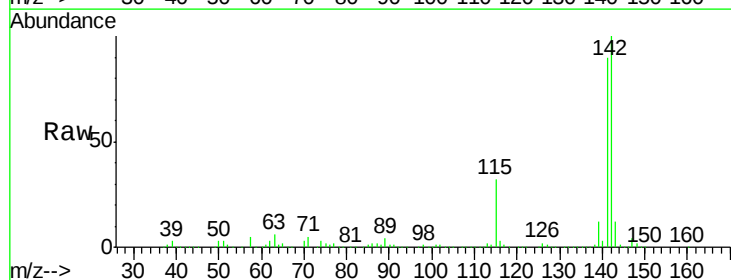
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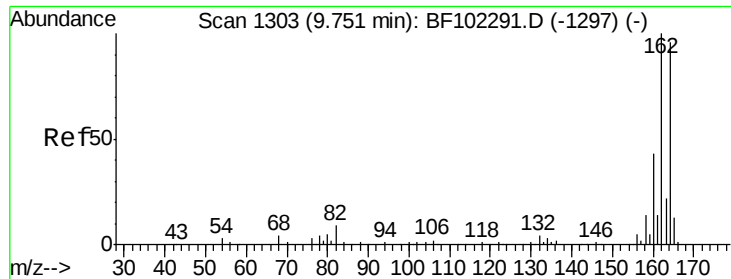
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#37
2-Methylnaphthalene
Concen: 41.891 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Tgt Ion:142 Resp: 669631
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2
115 32.5 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: BF102340.D

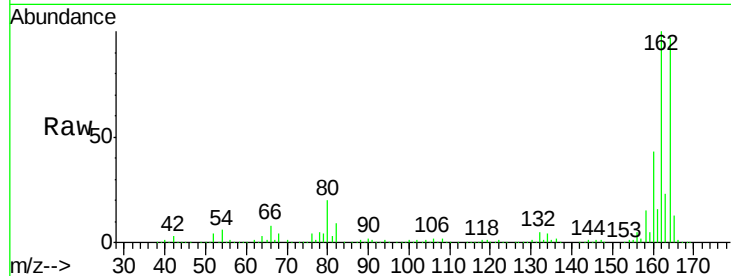
Acq: 23 Jan 2018 12:44

Instrument :

BNA_F

ClientSampleId :

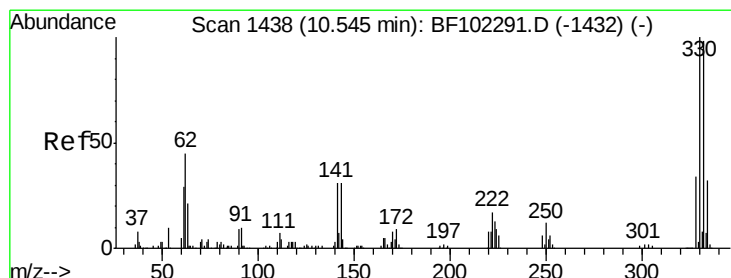
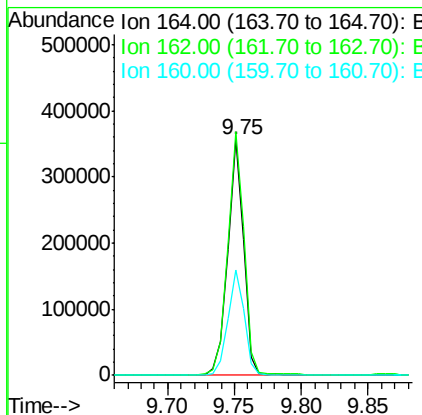
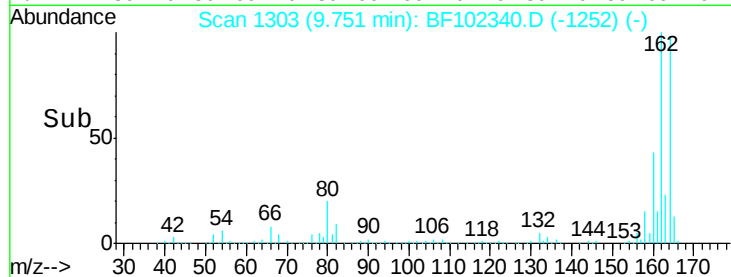
WC-114767779-01



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	86.1	129.1	
160	44.6	38.3	57.5	

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#41

2,4,6-Tribromophenol

Concen: 115.210 ng

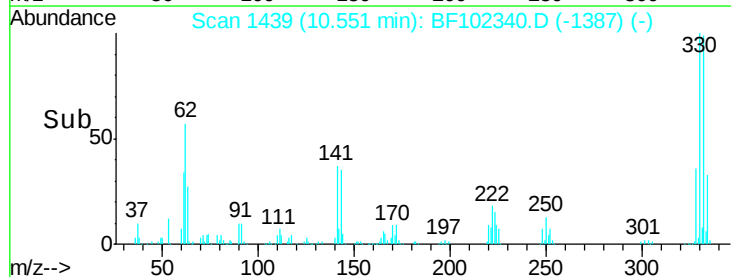
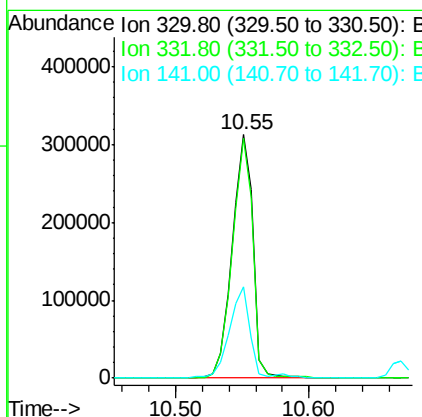
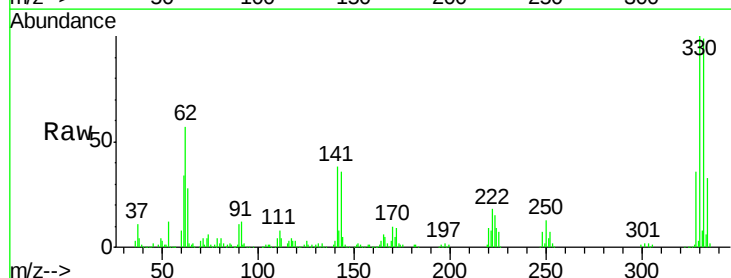
RT: 10.55 min Scan# 1439

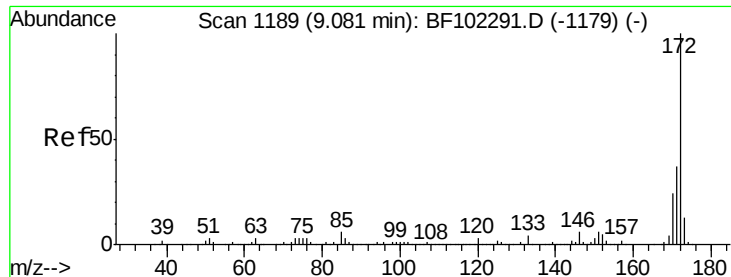
Delta R.T. 0.01 min

Lab File: BF102340.D

Acq: 23 Jan 2018 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	77.0	115.6	
141	36.5	29.9	44.9	





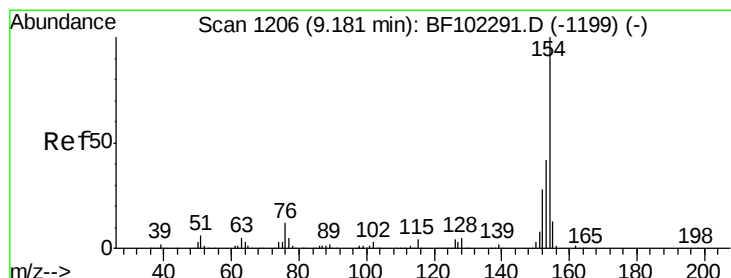
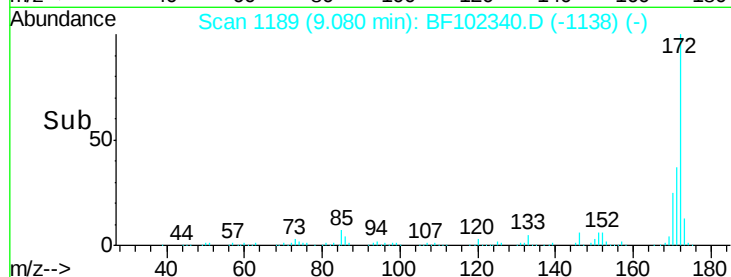
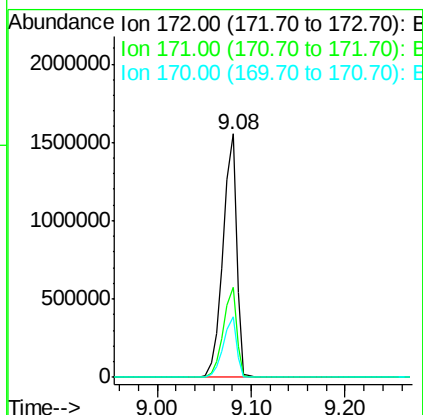
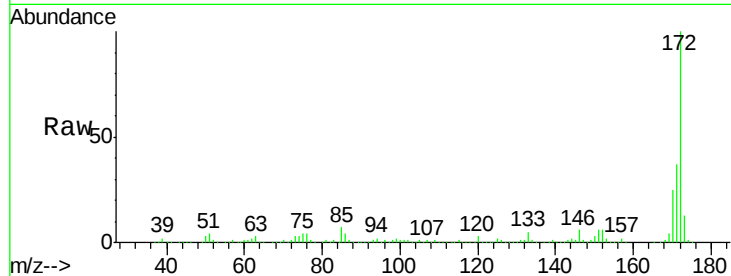
#44
 2-Fluorobiphenyl
 Concen: 77.872 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102340.D
 Acq: 23 Jan 2018 12:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-114767779-01

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

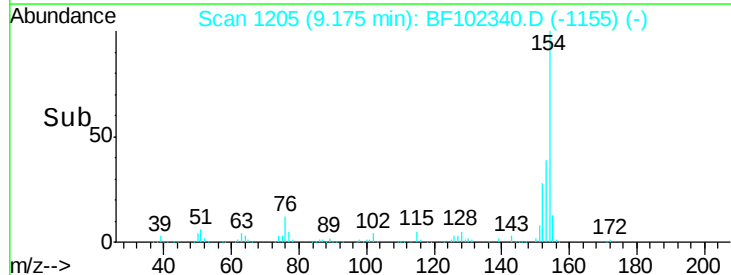
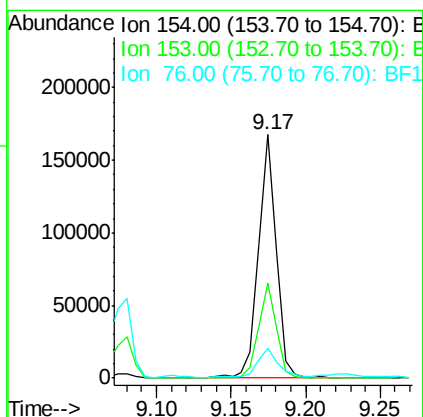
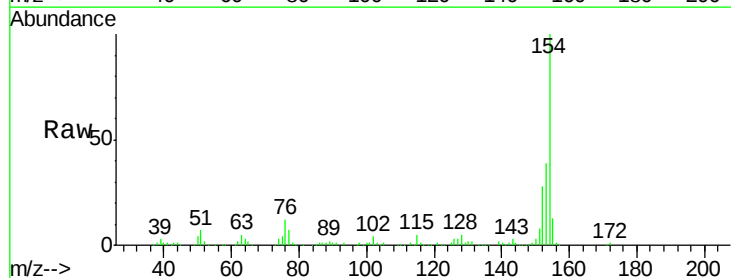
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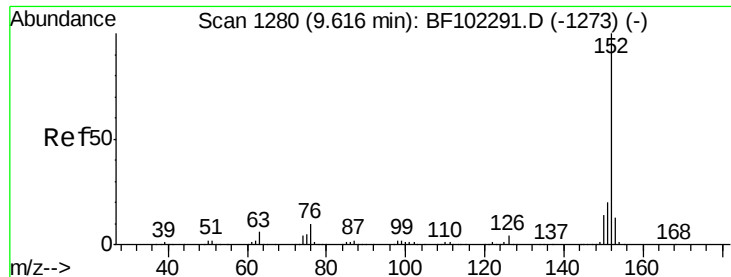
Sohil
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#45
 1,1'-Biphenyl
 Concen: 5.105 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102340.D
 Acq: 23 Jan 2018 12:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.3	61.3
76	12.4	0.0	34.0





#48

Acenaphthylene

Concen: 13.164 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF102340.D

Acq: 23 Jan 2018 12:44

Instrument :

BNA_F

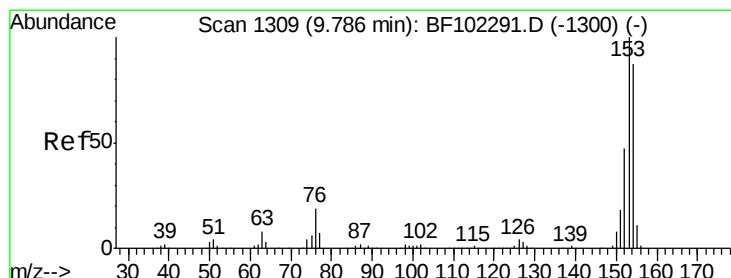
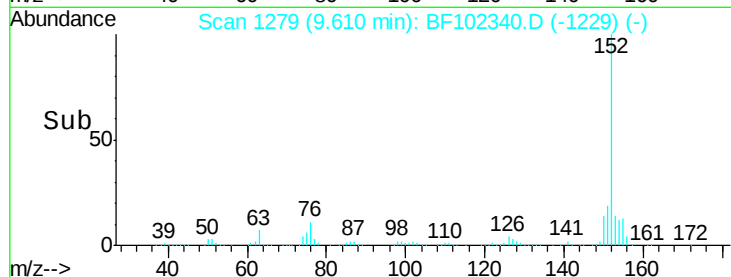
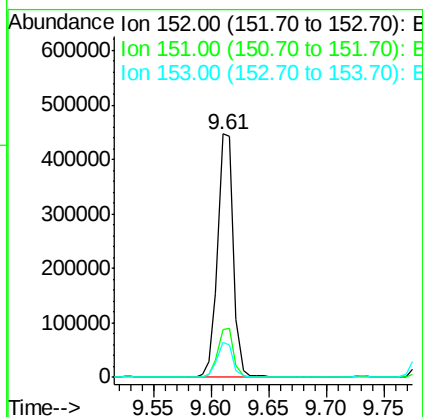
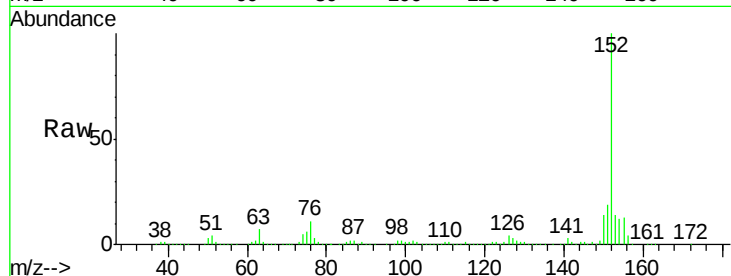
ClientSampleId :

WC-114767779-01

Tgt Ion:	152	Resp:	428288
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.3	24.5
153	14.4	10.7	16.1

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#51

Acenaphthene

Concen: 3.617 ng

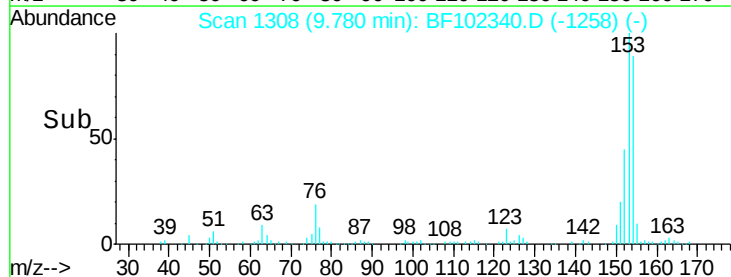
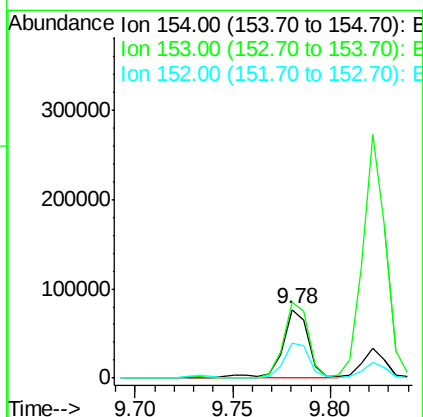
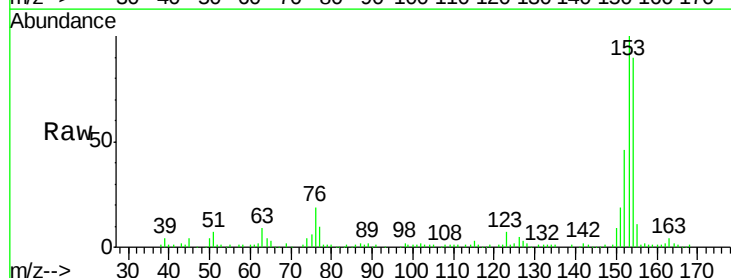
RT: 9.78 min Scan# 1308

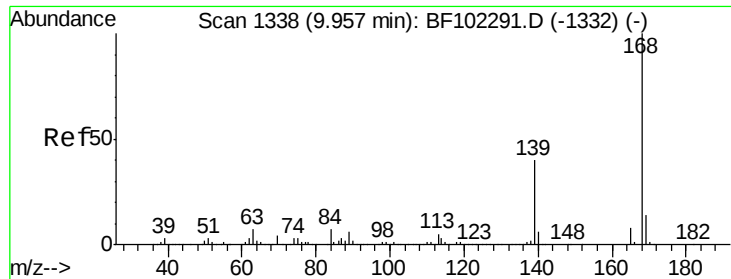
Delta R.T. -0.01 min

Lab File: BF102340.D

Acq: 23 Jan 2018 12:44

Tgt Ion:	154	Resp:	68731
Ion Ratio	Lower	Upper	
154	100		
153	111.1	91.2	136.8
152	50.9	43.8	65.8





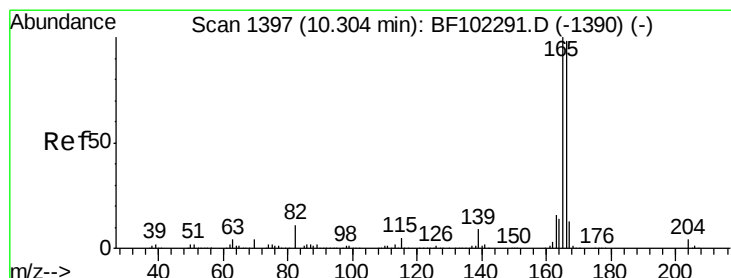
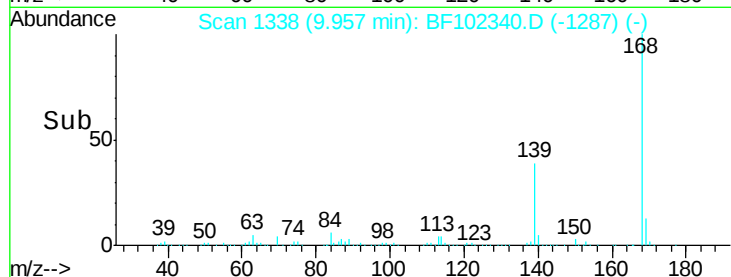
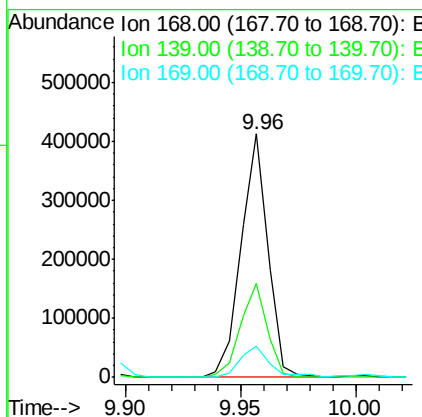
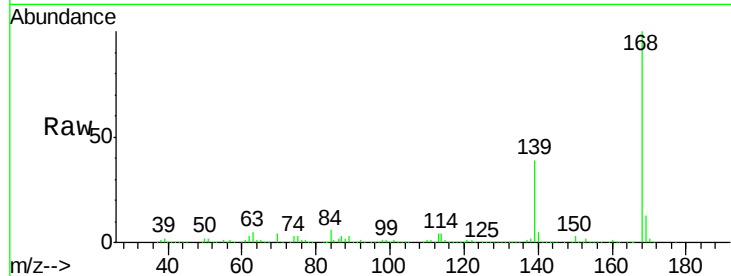
#54
Dibenzenofuran
Concen: 13.040 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Instrument :
BNA_F
ClientSampleId :
WC-114767779-01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.1	45.1
169	13.1	10.9	16.3

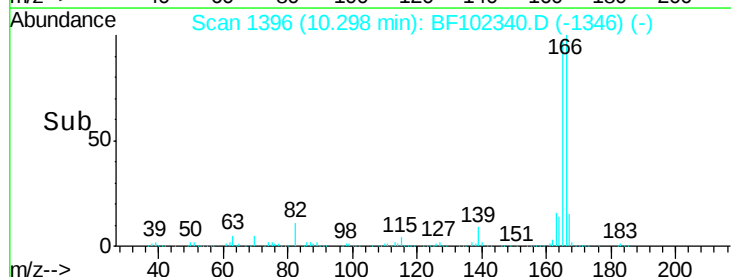
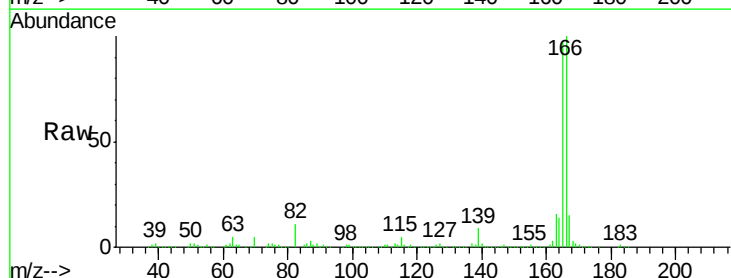
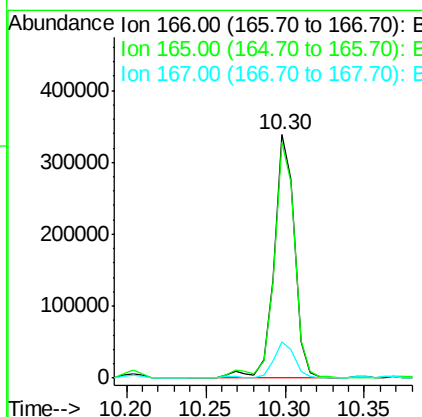
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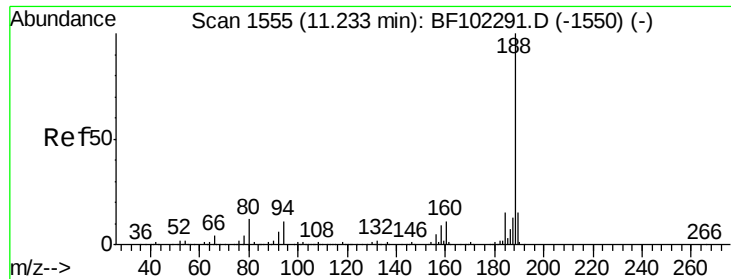
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#57
Fluorene
Concen: 14.974 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.8	119.8
167	15.1	10.6	16.0





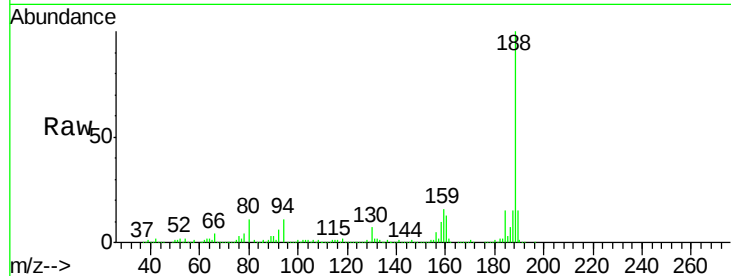
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Instrument :
BNA_F
ClientSampleId :
WC-114767779-01

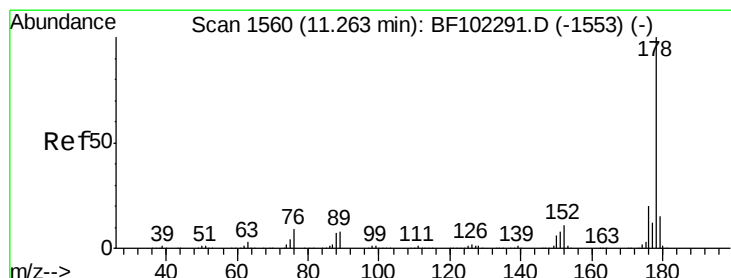
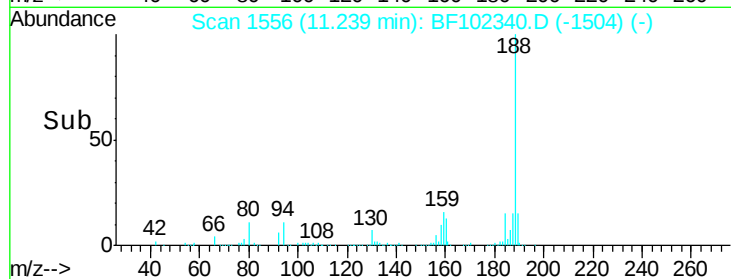
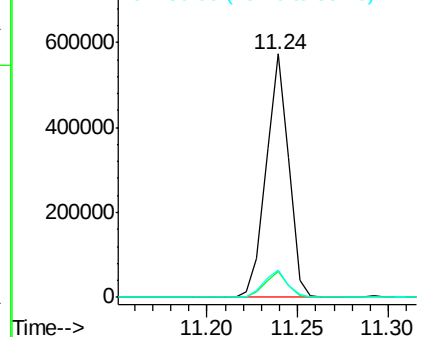
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	8.5	12.7
80	11.4	9.2	13.8

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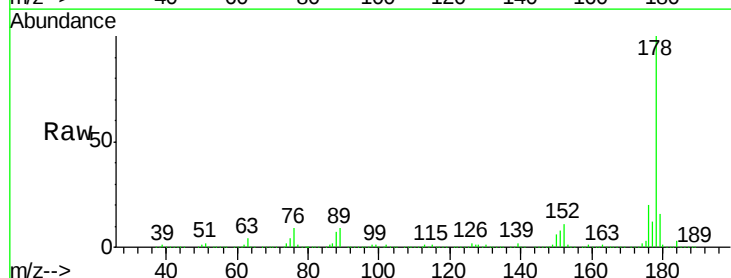


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

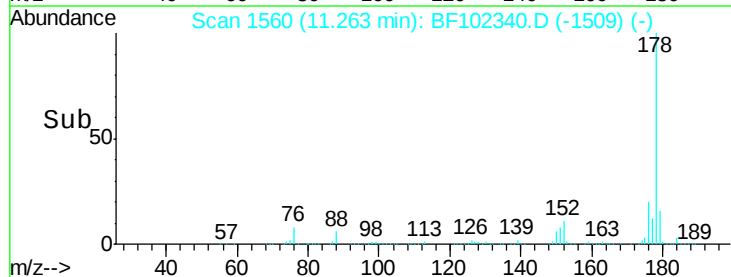
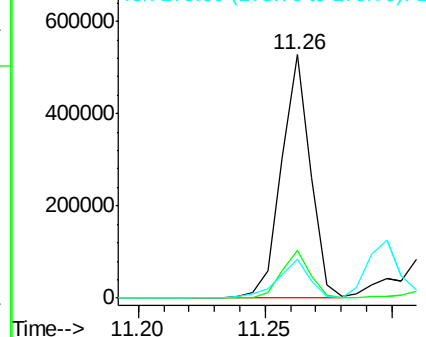


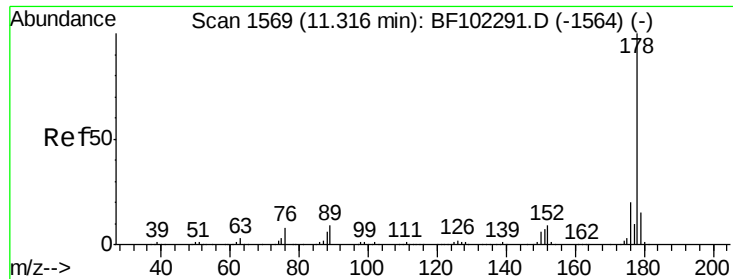
#70
Phenanthrene
Concen: 14.609 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.7	15.8	23.8
179	15.7	13.0	19.6



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





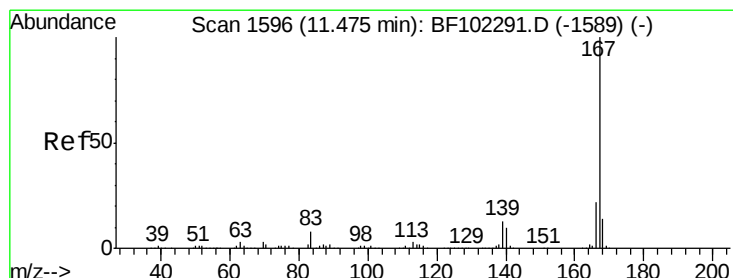
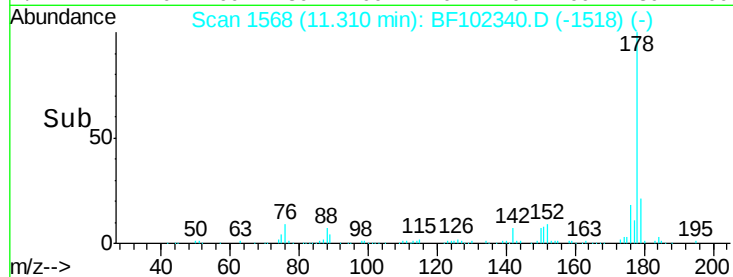
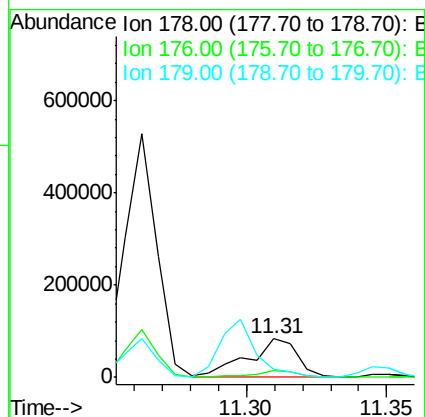
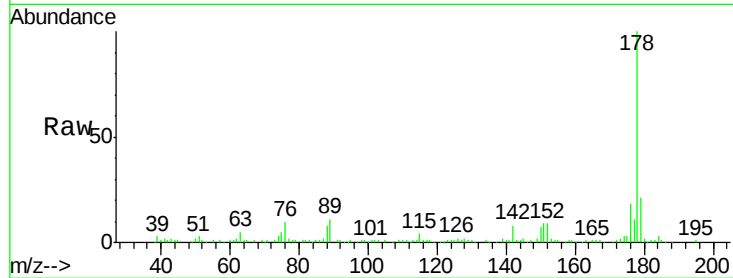
#71
 Anthracene
 Concen: 3.491 ng m
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102340.D
 Acq: 23 Jan 2018 12:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-114767779-01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	20.7	12.6	19.0

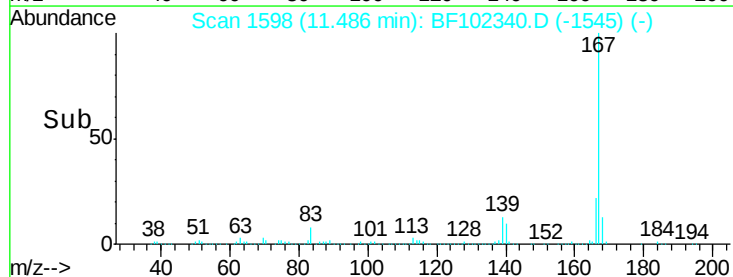
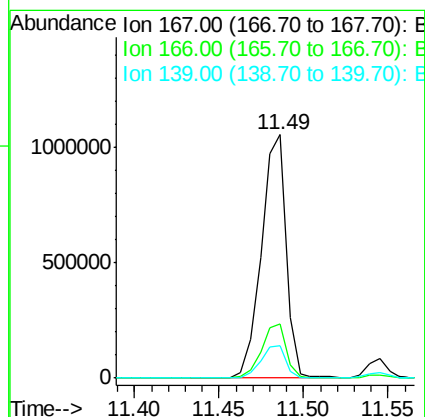
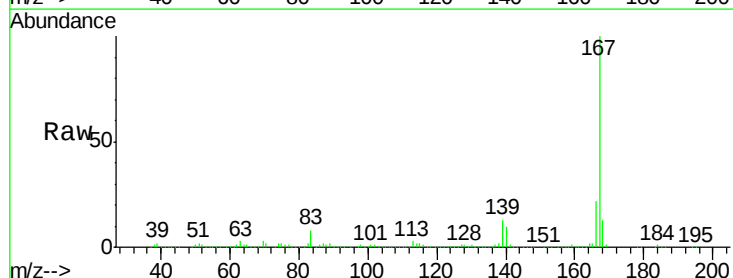
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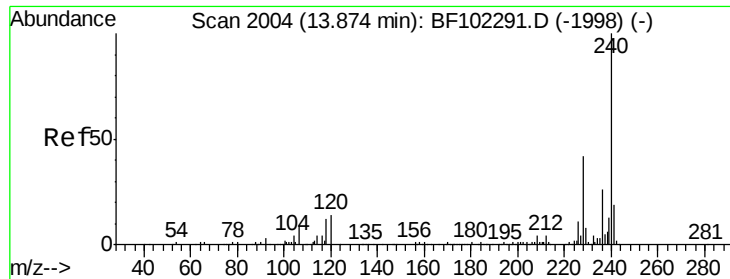
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#72
 Carbazole
 Concen: 37.280 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF102340.D
 Acq: 23 Jan 2018 12:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.4	10.9	16.3





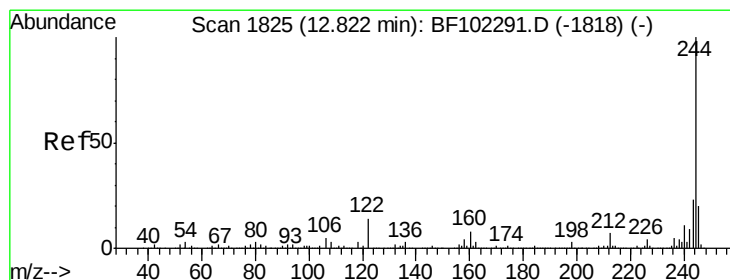
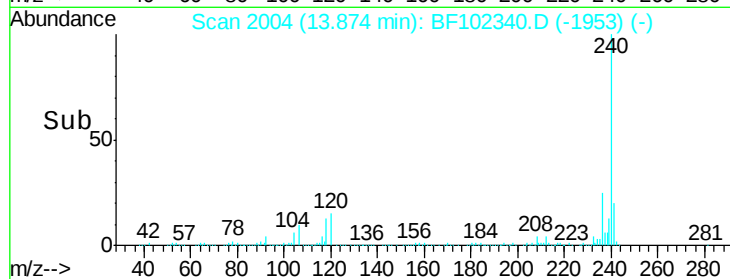
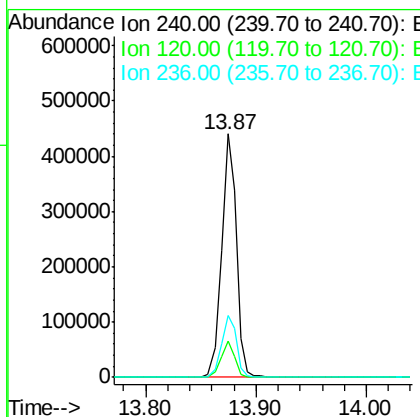
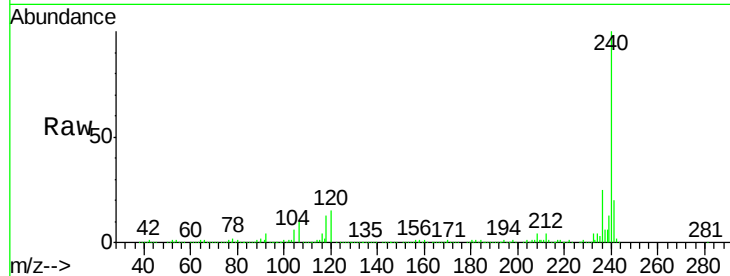
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Instrument :
BNA_F
ClientSampleId :
WC-114767779-01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	25.4	20.7	31.1

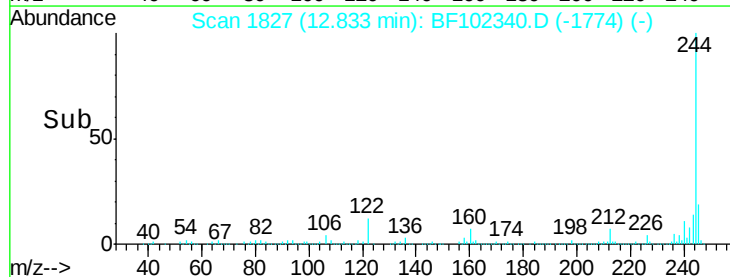
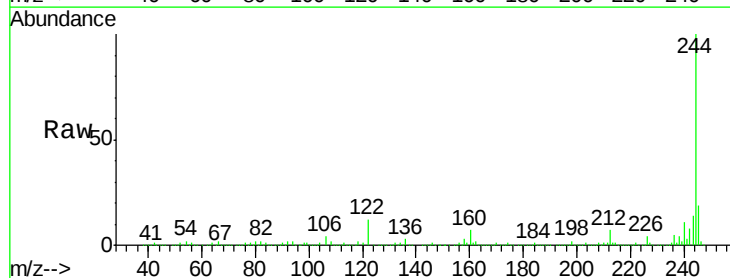
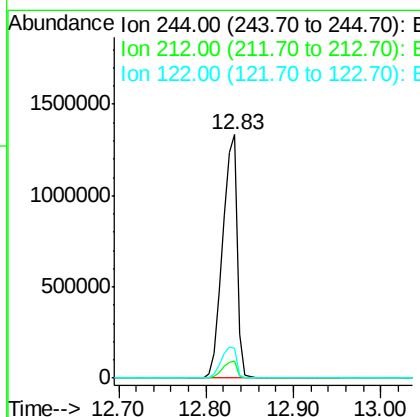
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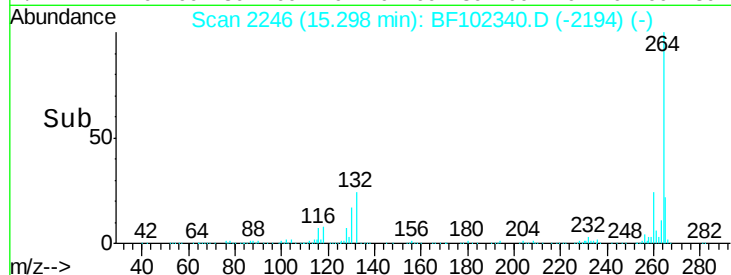
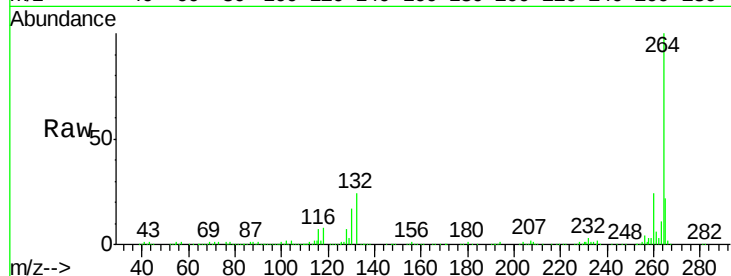
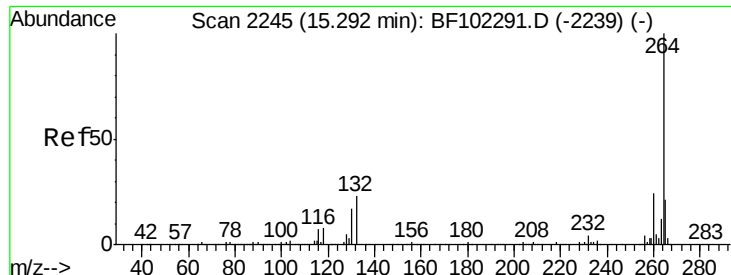
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#78
Terphenyl-d14
Concen: 84.662 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF102340.D
Acq: 23 Jan 2018 12:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.4	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: BF102340.D
Acq: 23 Jan 2018 12:44

Instrument :
BNA_F
ClientSampleId :
WC-114767779-01

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
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