

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102338.D
 Acq On : 23 Jan 2018 11:50
 Operator : SJ/JU
 Sample : J1239-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-096613-02

Manual Integrations
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 1/24/2018 2:46:33 PM

Quant Time: Jan 24 00:32:29 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	131429	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	539245	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	244679	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	433672	20.00	ng	0.00
75) Chrysene-d12	13.87	240	371724	20.00	ng	0.00
86) Perylene-d12	15.30	264	280284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	983828	113.50	ng	0.02
7) Phenol-d6	6.37	99	1036742	99.21	ng	0.02
23) Nitrobenzene-d5	7.29	82	808631	86.18	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	307208	126.71	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1420239	85.35	ng	0.00
78) Terphenyl-d14	12.83	244	1415257	85.83	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.39	94	1546941	135.595	ng	98
17) 2-Methylphenol	6.99	107	629858	79.816	ng	99
20) 3+4-Methylphenols	7.15	107	1653003	178.105	ng	87
27) 2,4-Dimethylphenol	7.66	122	427822	58.296	ng	97
31) Naphthalene	8.03	128	4023968	149.458	ng	98
37) 2-Methylnaphthalene	8.71	142	435135	24.268	ng	98
45) 1,1'-Biphenyl	9.17	154	65380	2.988	ng	95
48) Acenaphthylene	9.61	152	160973	6.076	ng	98
54) Dibenzofuran	9.96	168	76774	3.666	ng	99
57) Fluorene	10.30	166	129652	7.813	ng	99
70) Phenanthrene	11.26	178	273363	10.817	ng	98
71) Anthracene	11.31	178	58454m	2.266	ng	
72) Carbazole	11.47	167	520276	20.675	ng	99

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

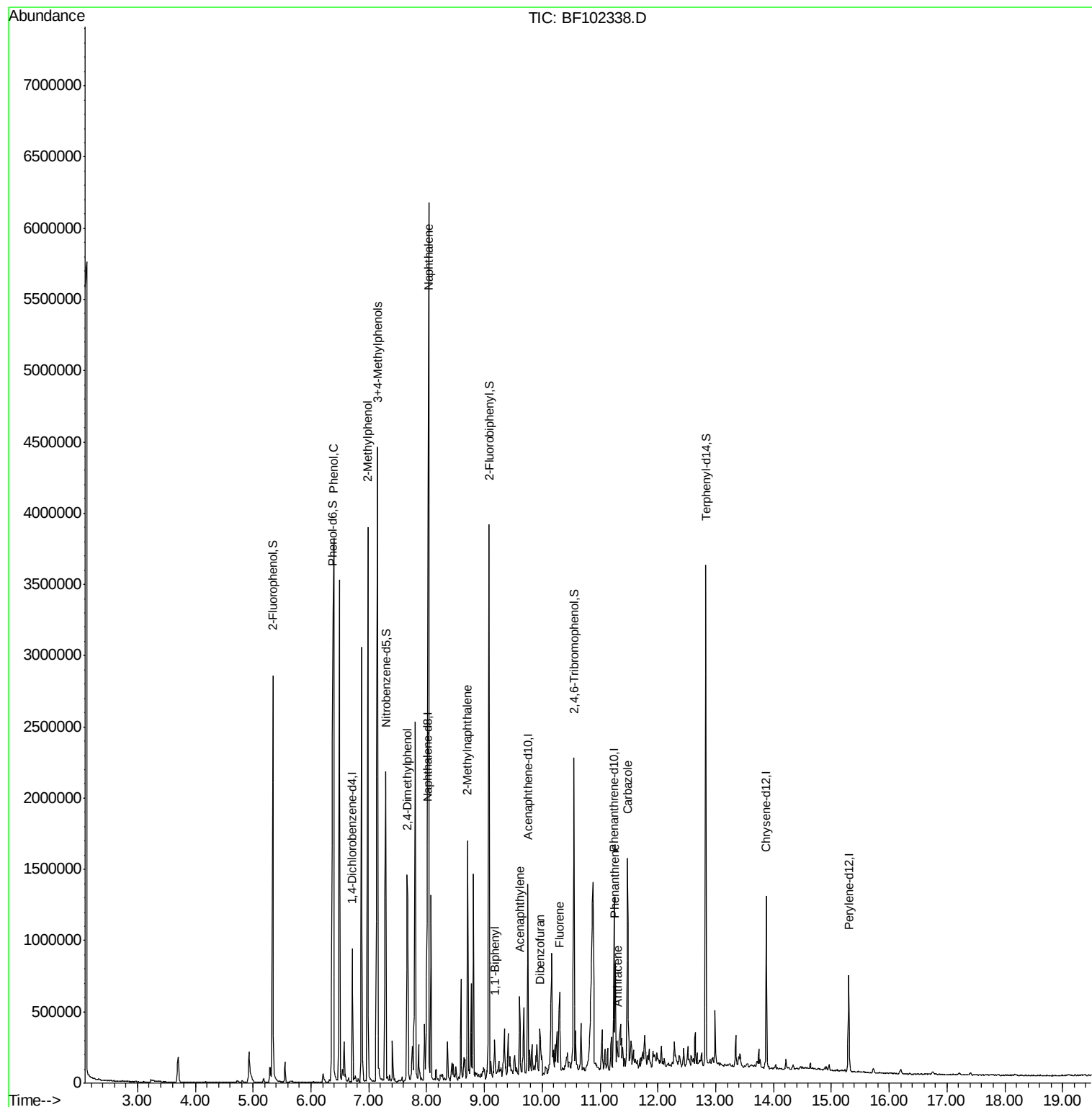
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Data File : BF102338.D
Acq On : 23 Jan 2018 11:50
Operator : SJ/JU
Sample : J1239-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

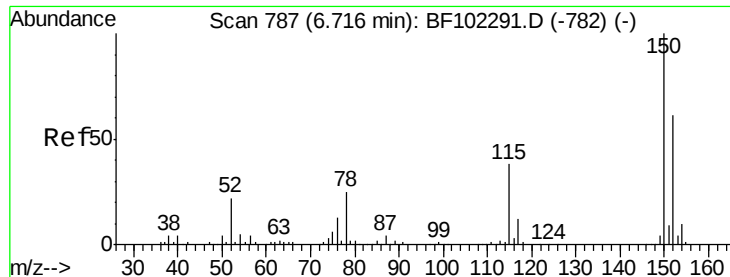
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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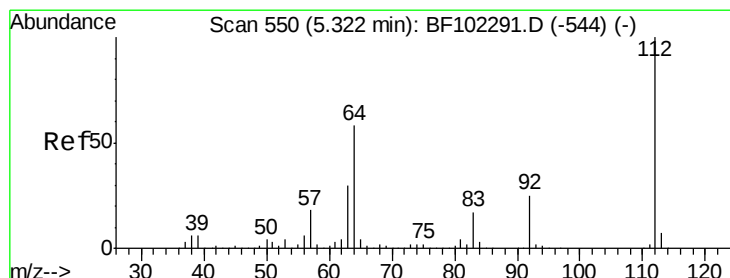
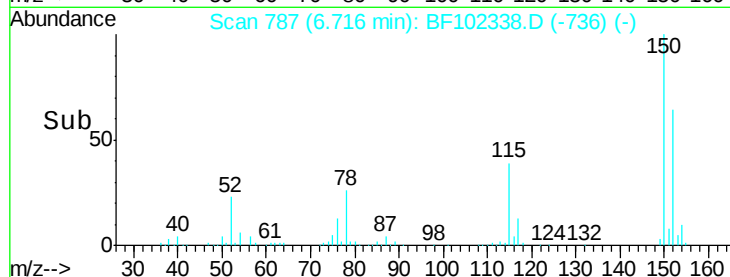
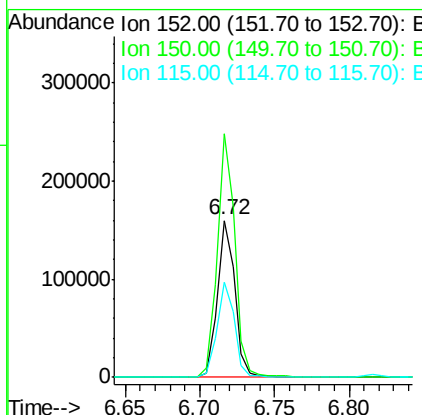
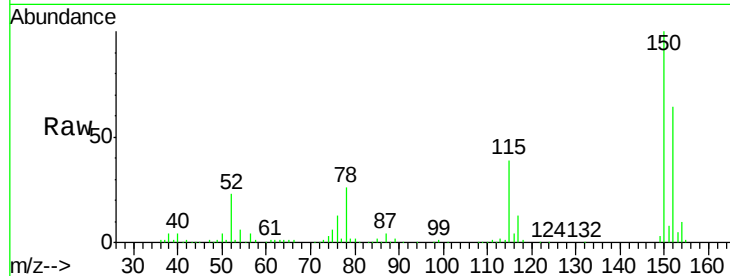
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-096613-02

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	60.9	50.1	75.1

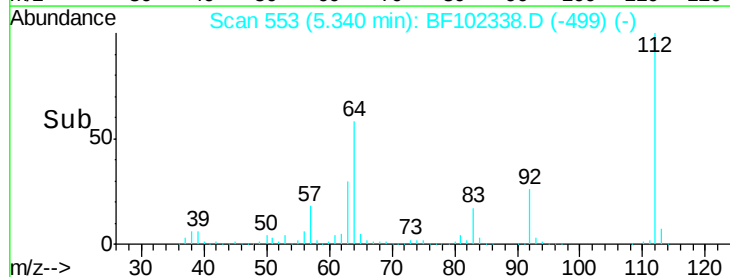
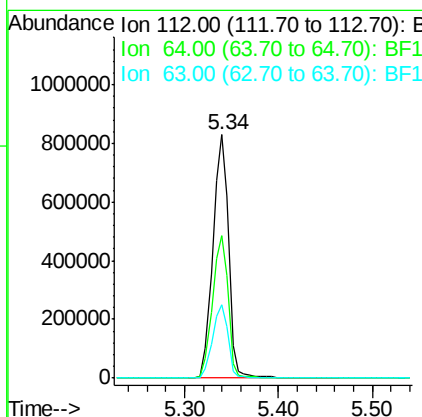
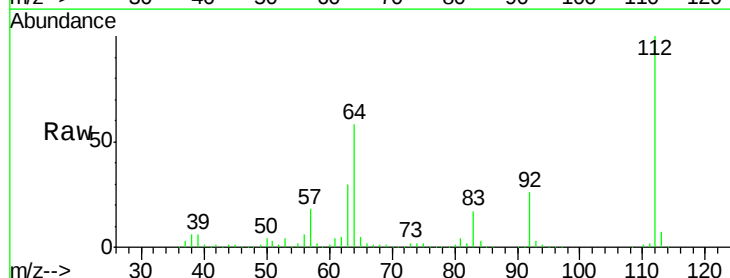
Manual Integrations
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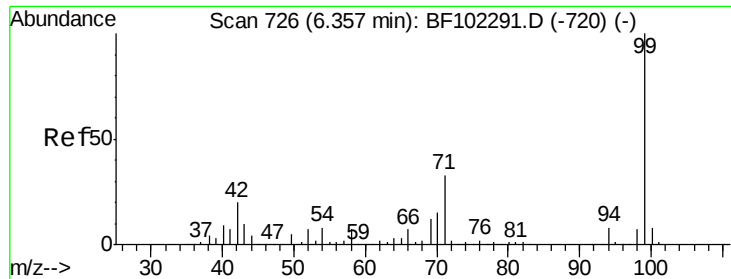
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#5
 2-Fluorophenol
 Concen: 113.502 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	30.0	23.7	35.5





#7

Phenol-d6

Concen: 99.210 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

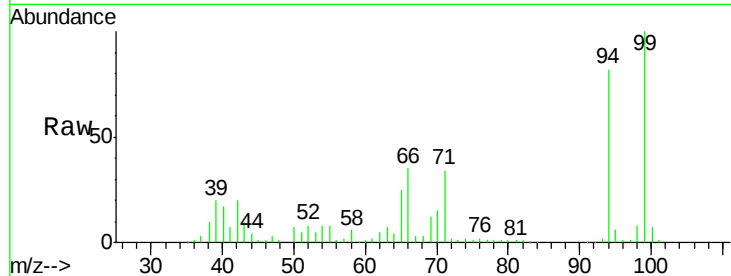
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WC-096613-02

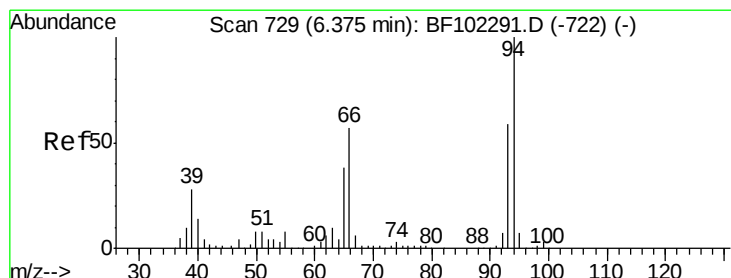
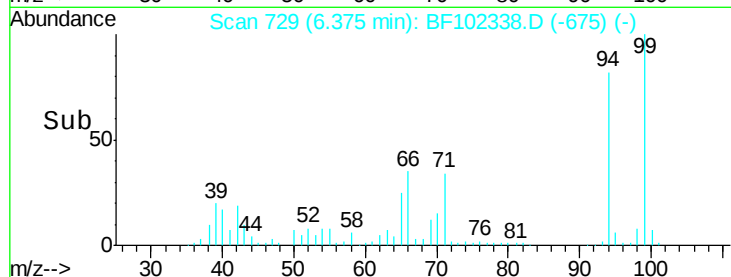
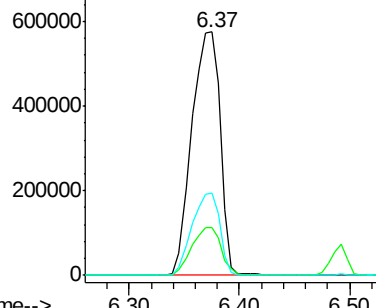
Tgt Ion:	99	Resp:	1036742
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.7	25.4	38.0

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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: 135.595 ng

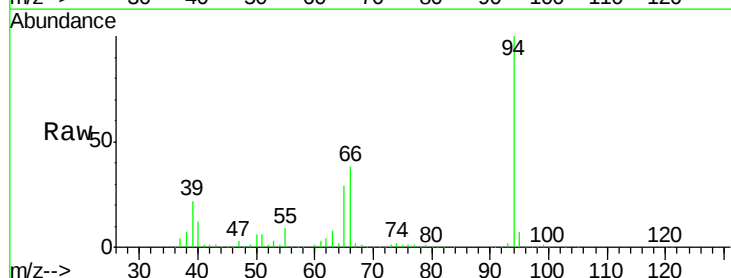
RT: 6.39 min Scan# 732

Delta R.T. 0.02 min

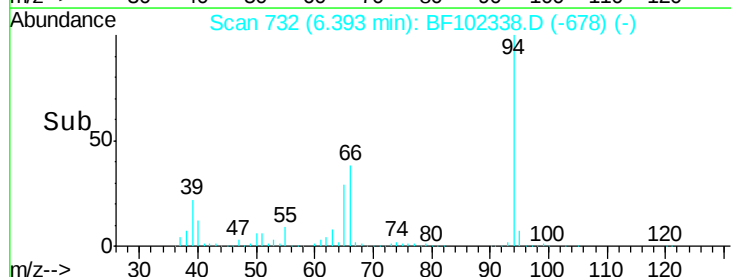
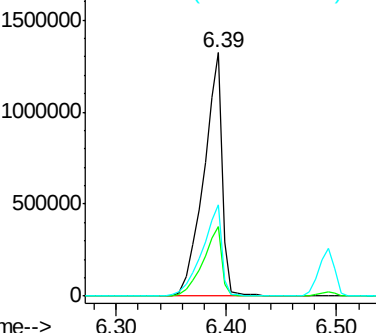
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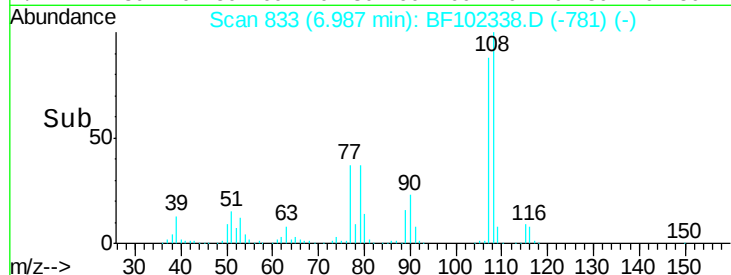
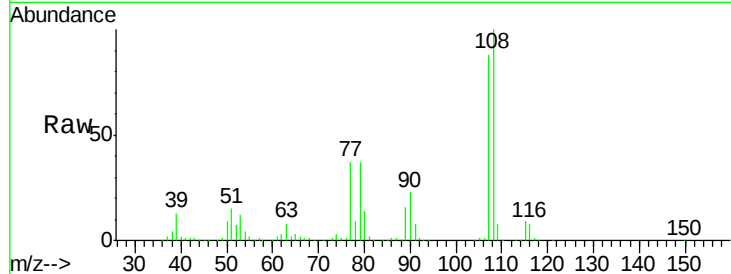
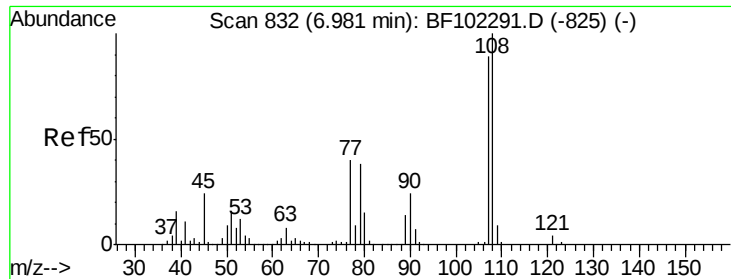
Acq: 23 Jan 2018 11:50

Tgt Ion:	94	Resp:	1546941
Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	37.6	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





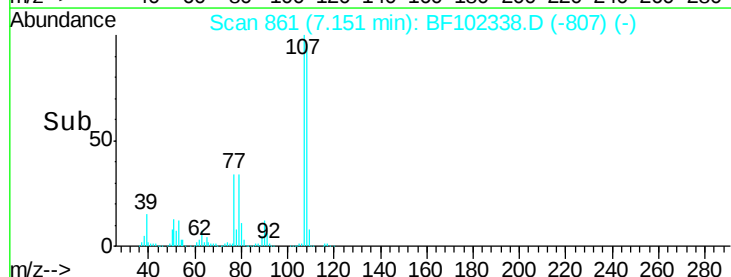
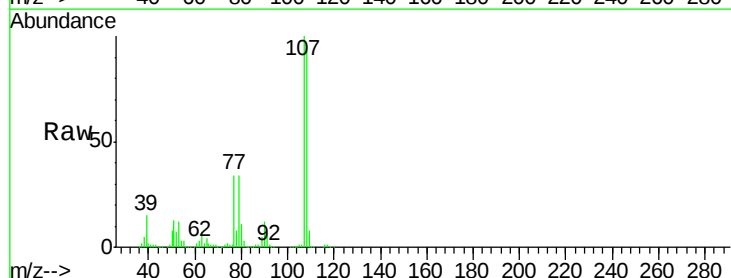
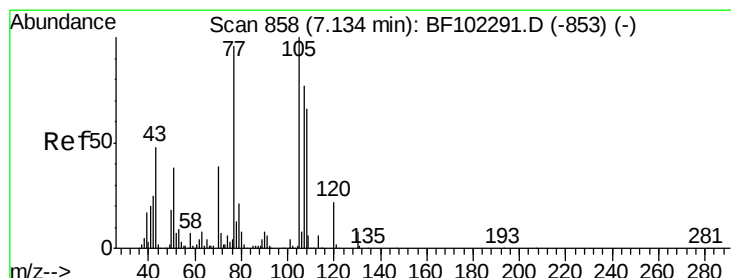
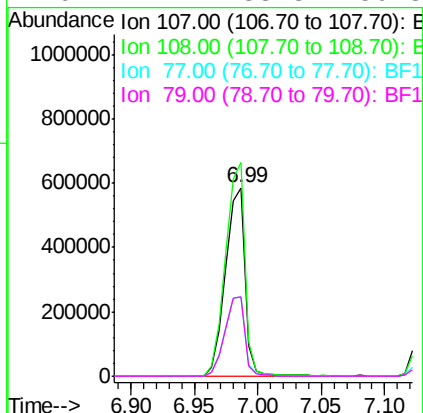
#17
2-Methylphenol
Concen: 79.816 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	629858	91.7	137.5
77	42.0		33.8	50.8
79	42.1		33.8	50.8

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

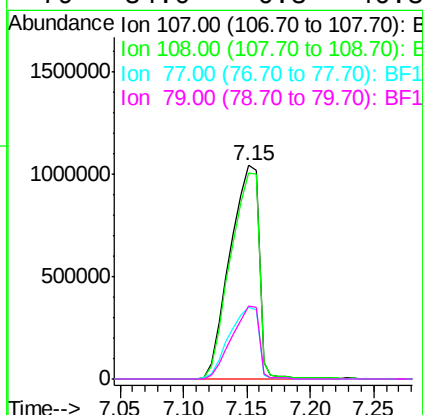
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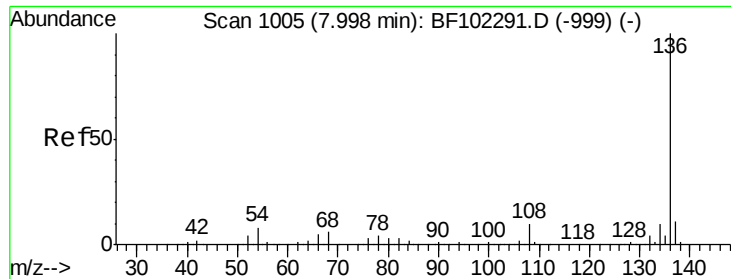
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#20
3+4-Methylphenols
Concen: 178.105 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	1653003		
108	96.3		68.2	108.2
77	33.6		26.7	66.7
79	34.0		6.3	46.3





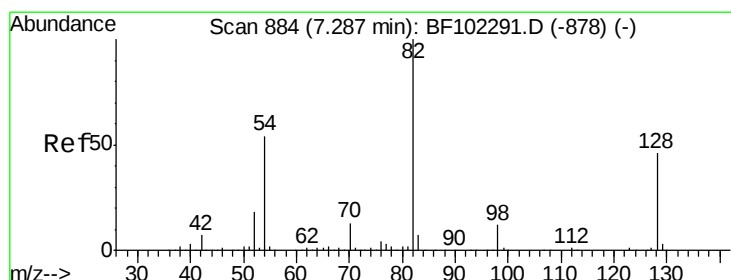
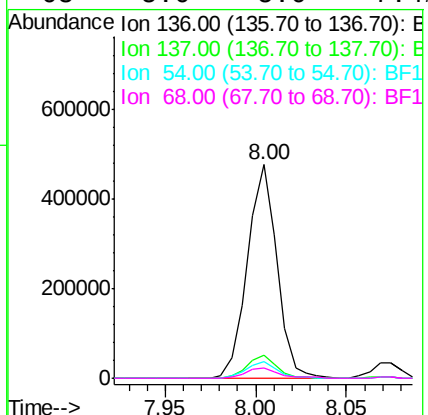
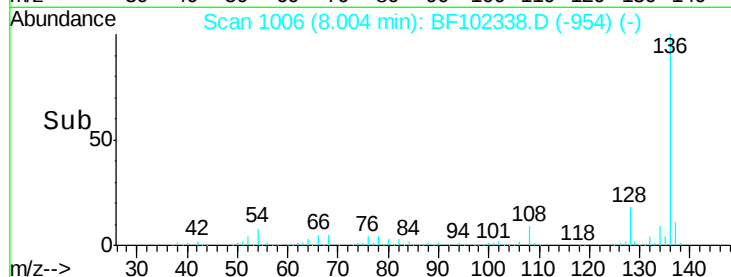
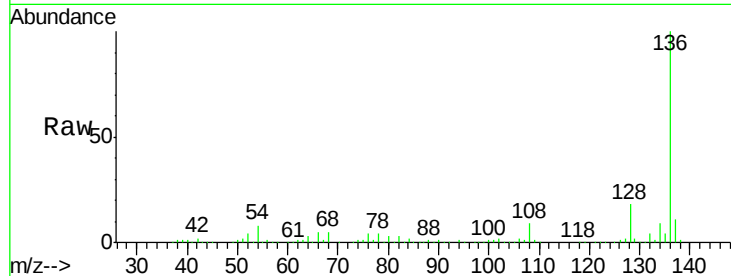
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.7	8.9	13.3
54	7.6	6.6	9.8
68	5.0	5.0	7.4

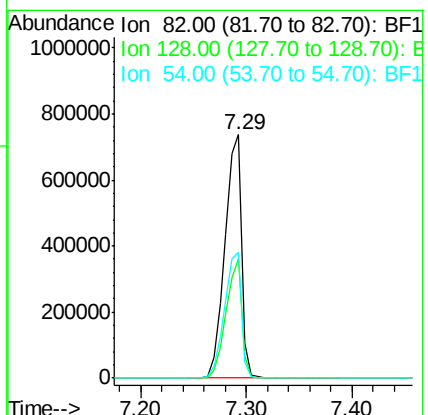
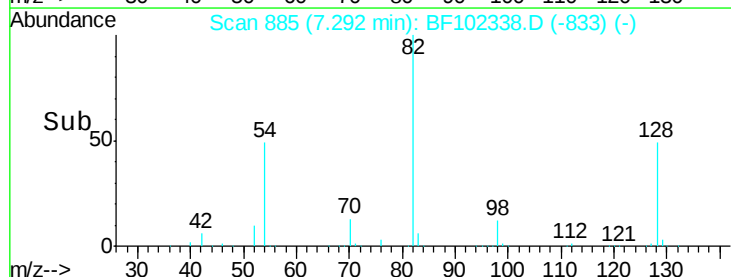
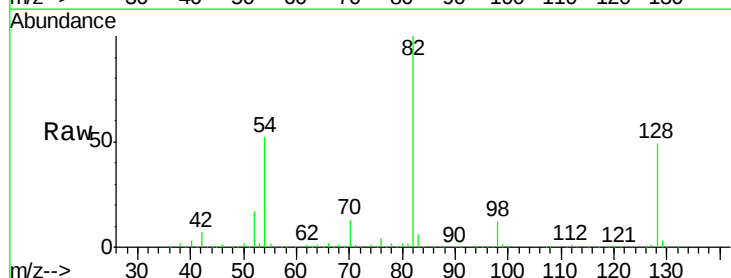
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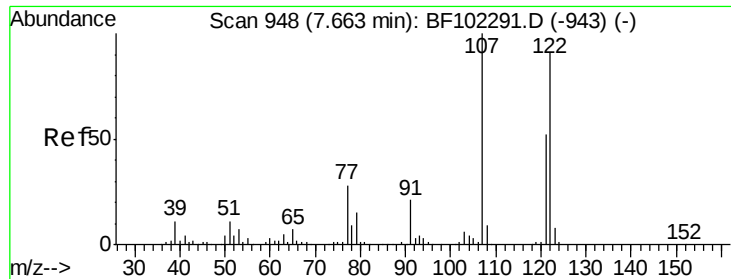
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#23
Nitrobenzene-d5
Concen: 86.175 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	49.1	36.1	54.1
54	51.8	41.4	62.2





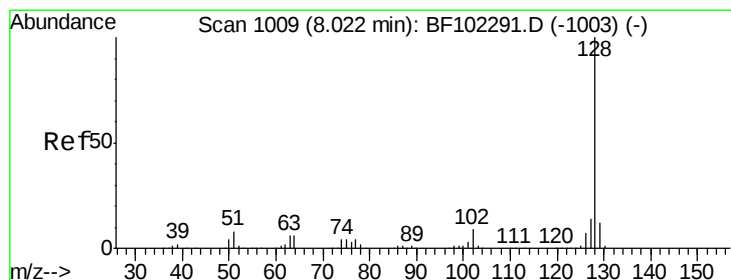
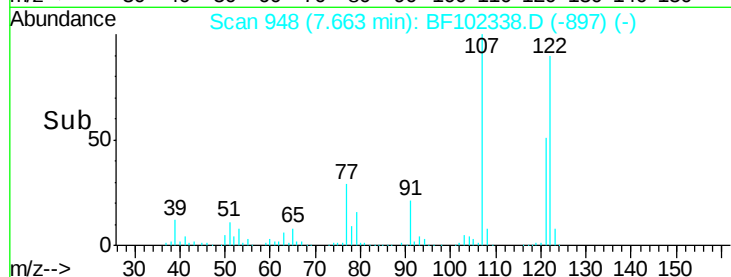
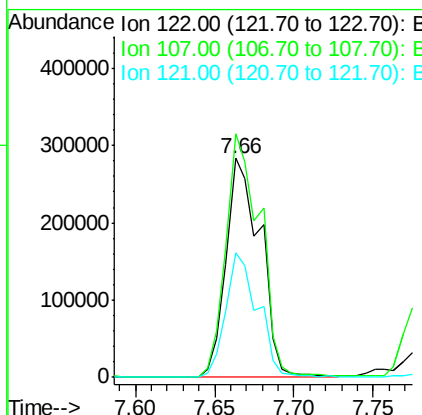
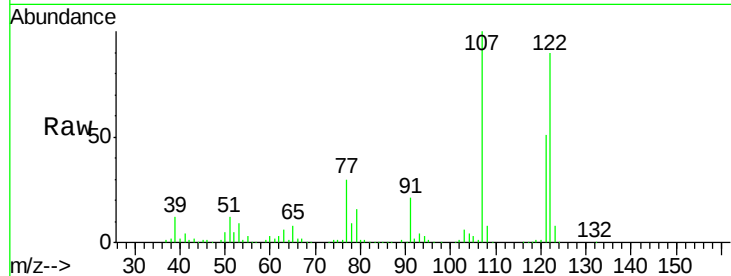
#27
2,4-Dimethylphenol
Concen: 58.296 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.1	91.2	136.8
121	56.9	47.2	70.8

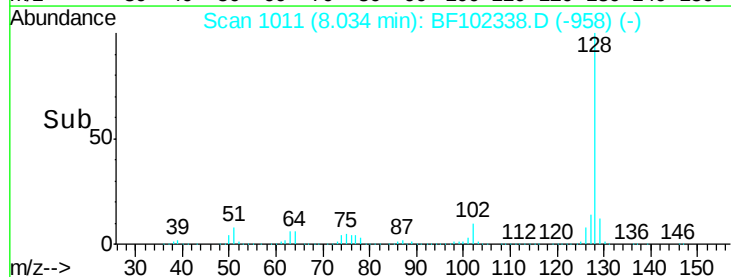
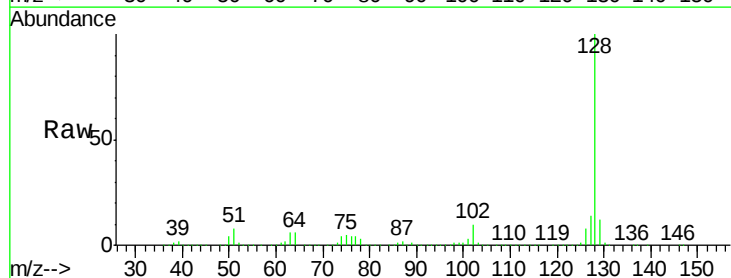
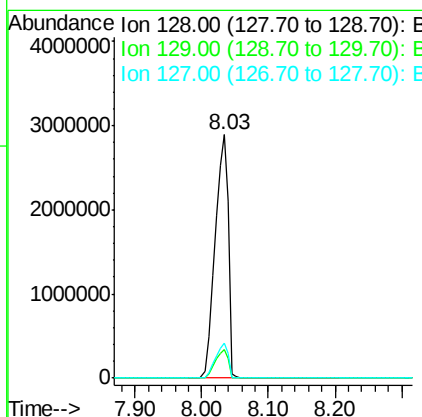
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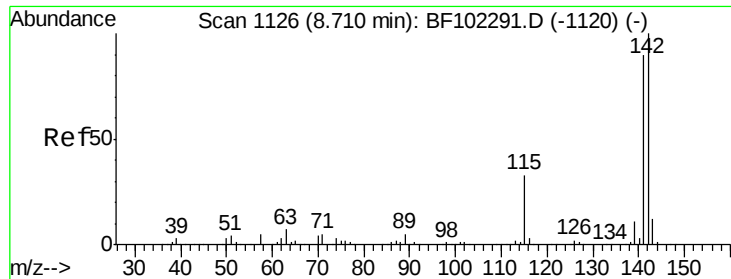
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#31
Naphthalene
Concen: 149.458 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.4	10.9	16.3





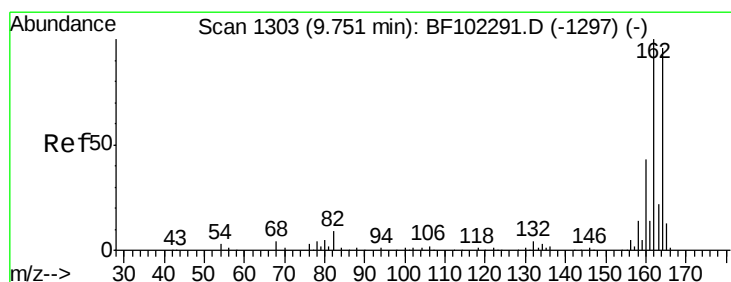
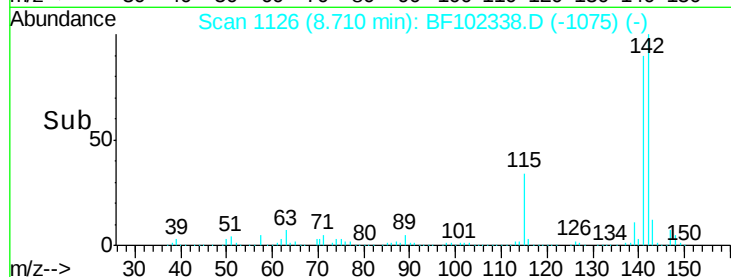
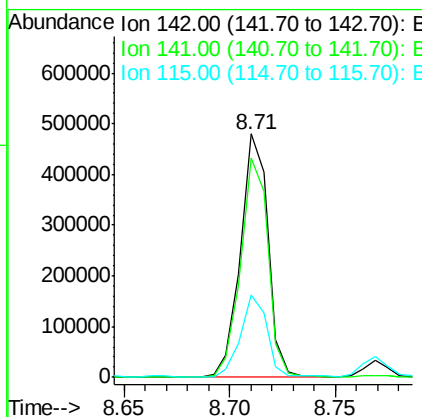
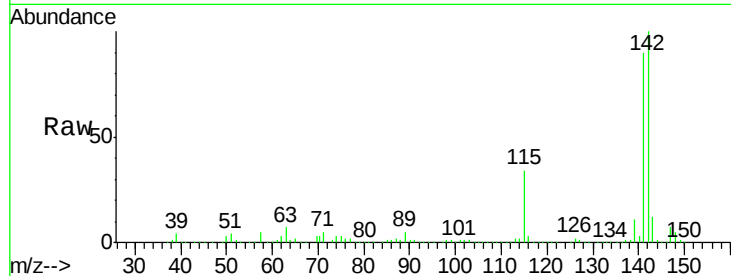
#37
2-Methylnaphthalene
Concen: 24.268 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	34.0	26.1	39.1

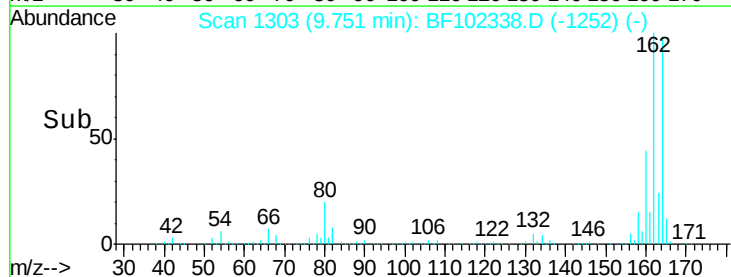
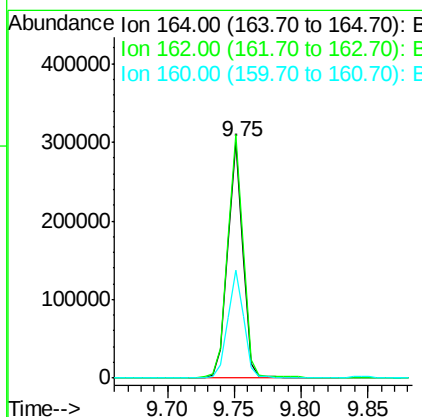
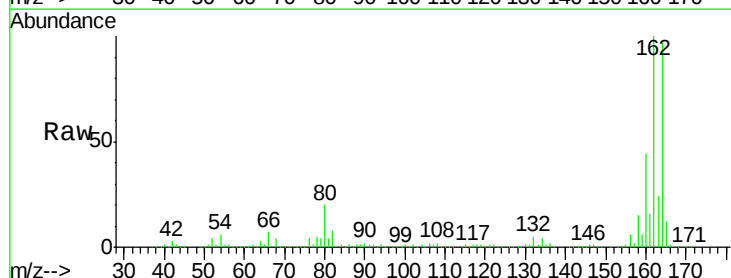
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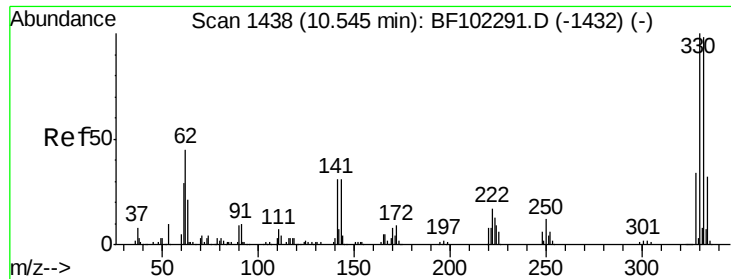
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	45.4	38.3	57.5





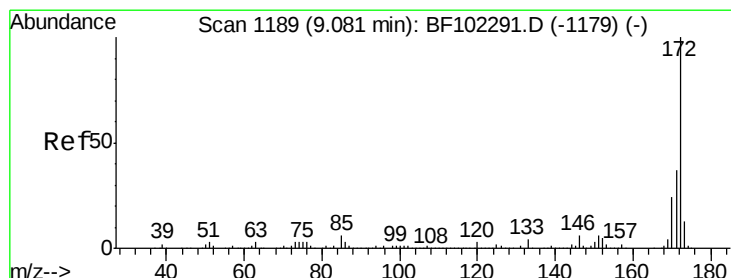
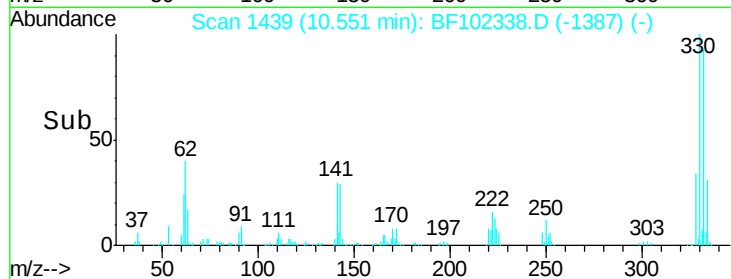
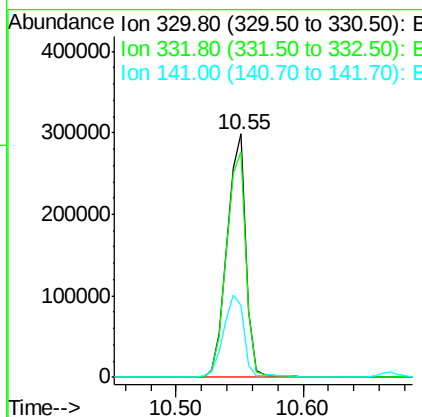
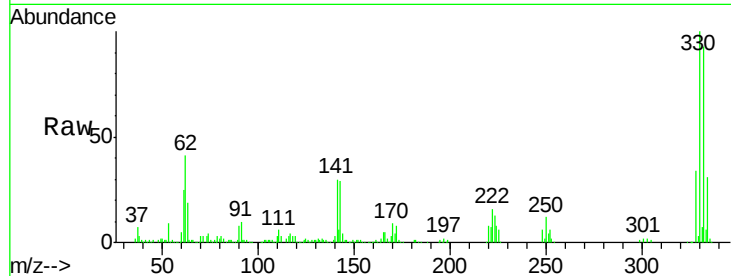
#41
 2,4,6-Tribromophenol
 Concen: 126.714 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-096613-02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	307208		
332	96.6	77.0	115.6	
141	36.3	29.9	44.9	

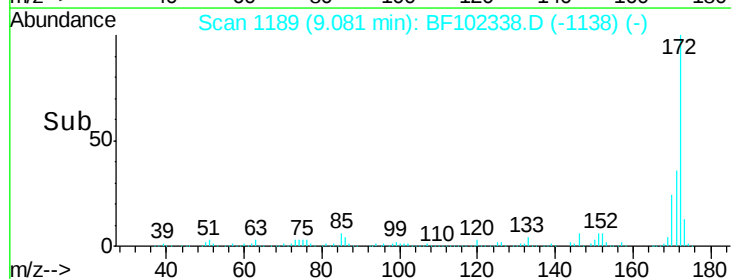
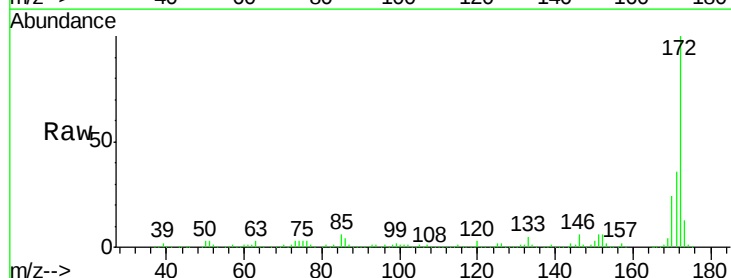
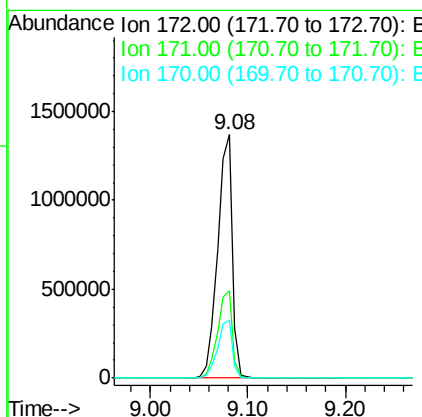
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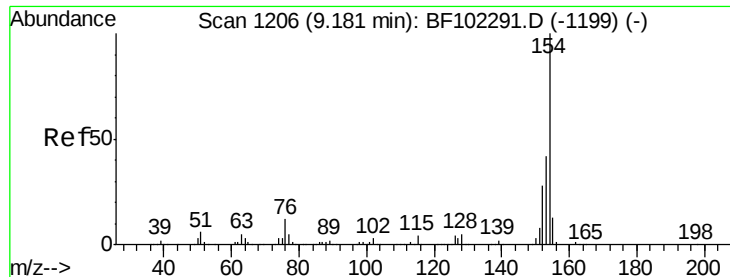
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#44
 2-Fluorobiphenyl
 Concen: 85.347 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1420239		
171	35.8	29.7	44.5	
170	23.9	19.6	29.4	





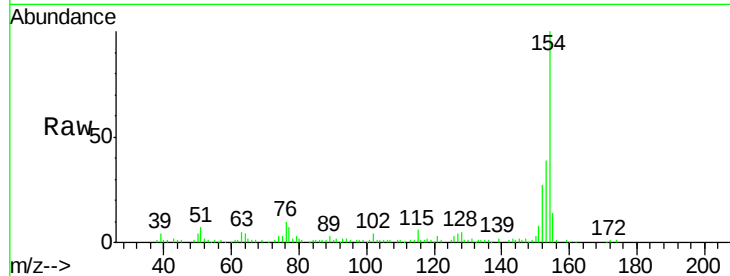
#45
1,1'-Biphenyl
Concen: 2.988 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

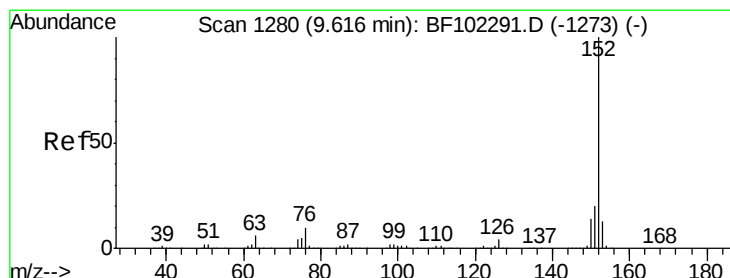
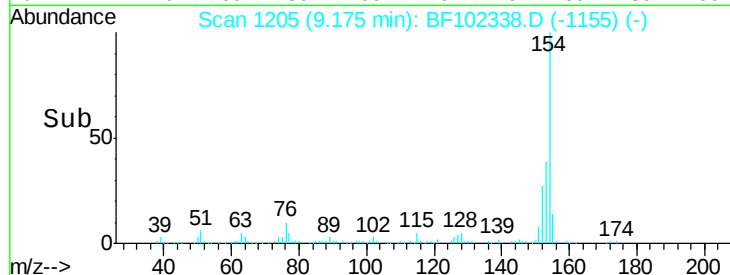
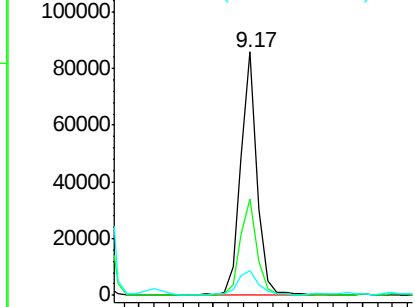
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	65380		
153	39.4	21.3	61.3	
76	10.3	0.0	34.0	

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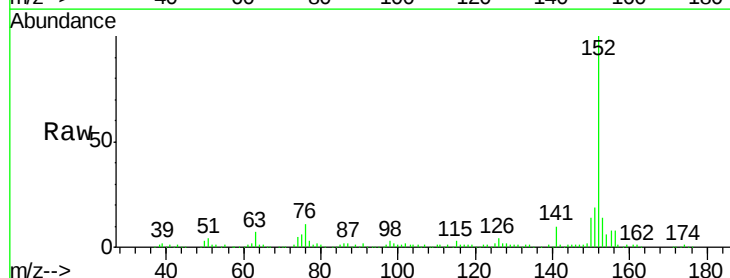


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

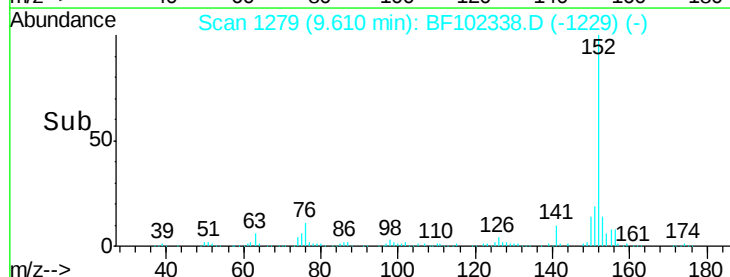
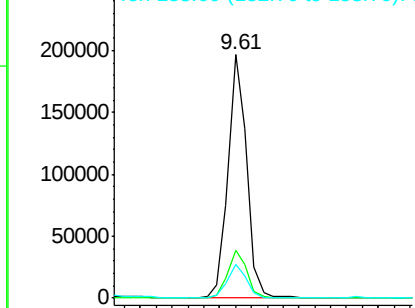


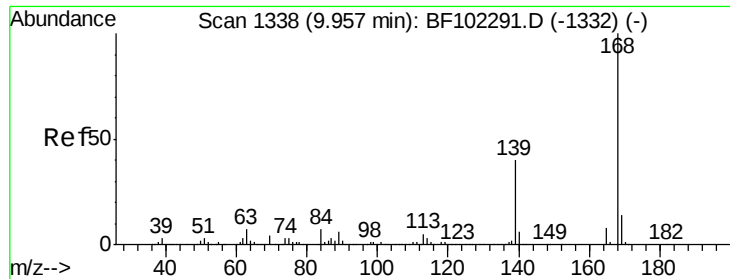
#48
Acenaphthylene
Concen: 6.076 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	160973		
151	19.4	16.3	24.5	
153	13.8	10.7	16.1	



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





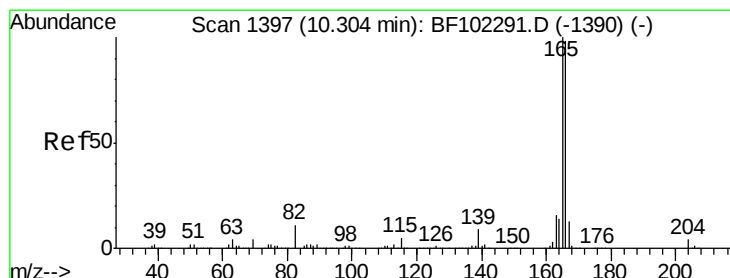
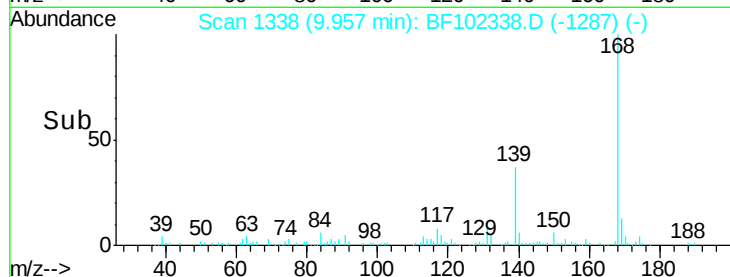
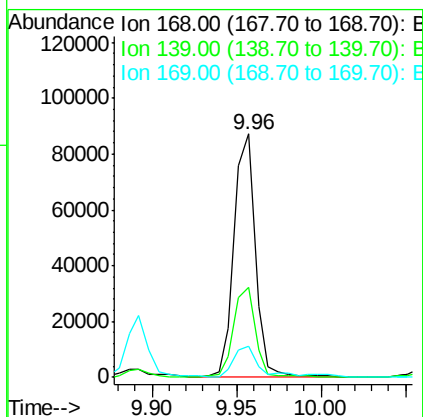
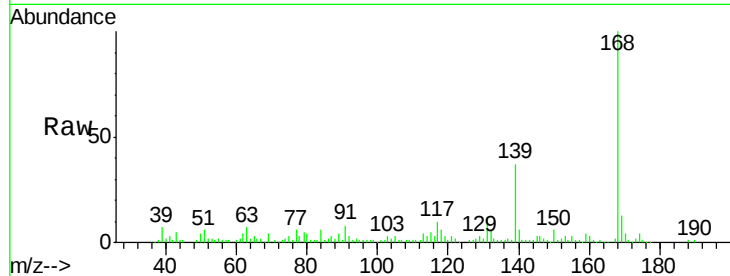
#54
Dibenzofuran
Concen: 3.666 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.0	10.9	16.3

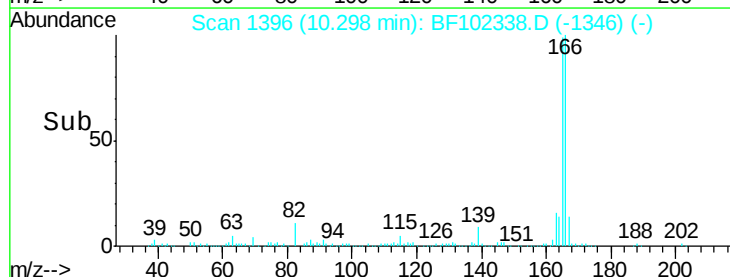
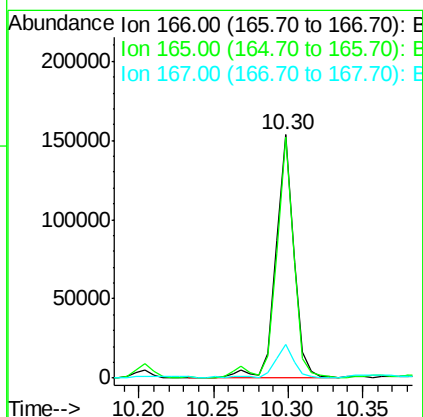
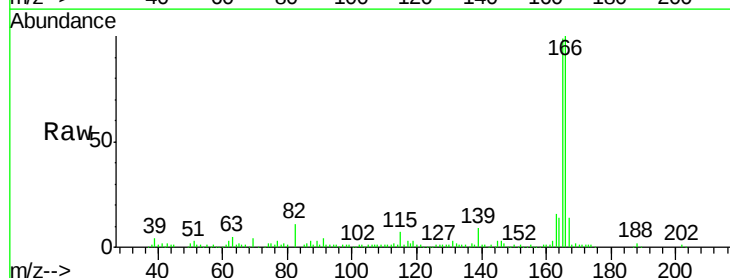
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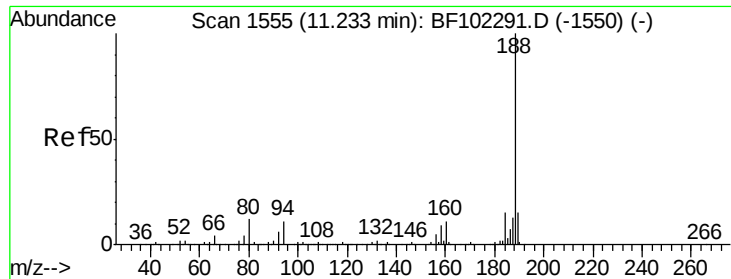
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#57
Fluorene
Concen: 7.813 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	14.1	10.6	16.0





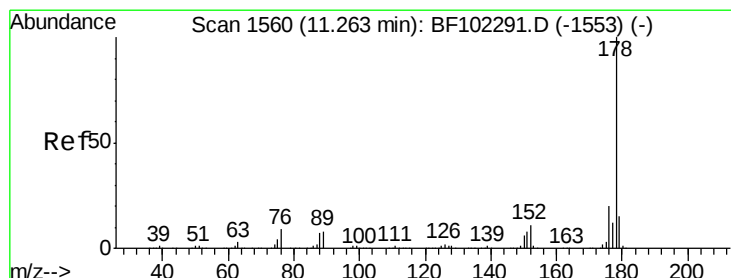
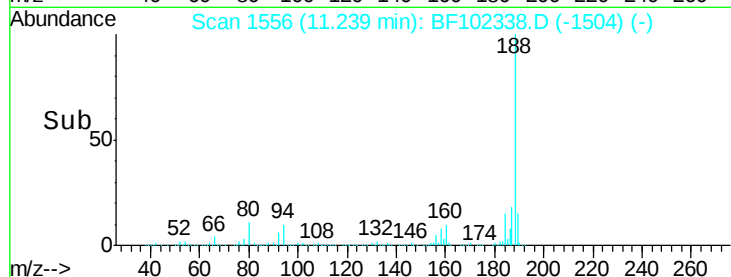
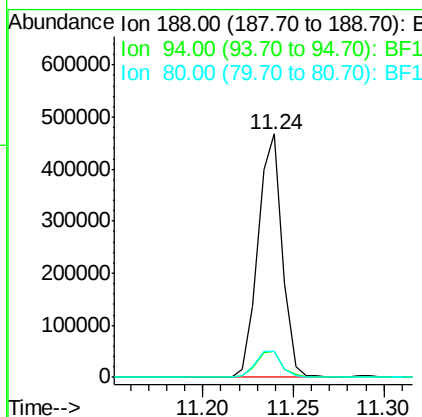
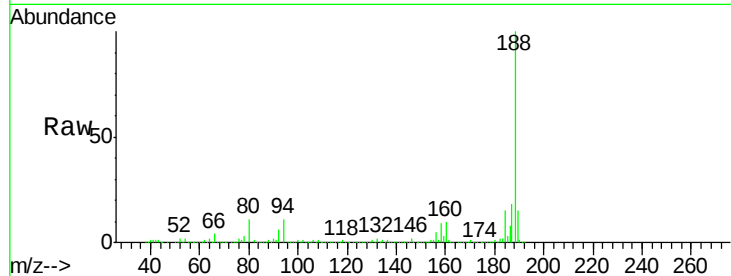
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	433672		
94	10.9	8.5	12.7	
80	10.8	9.2	13.8	

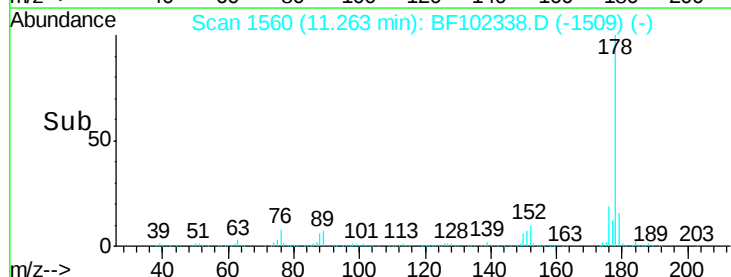
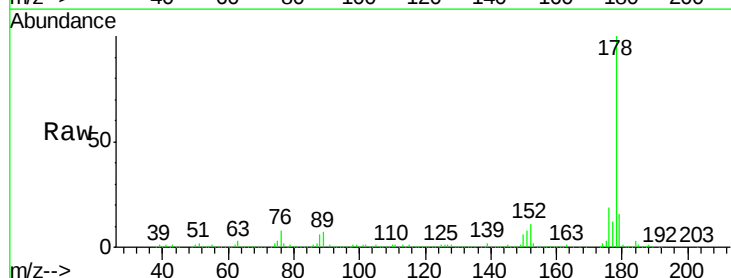
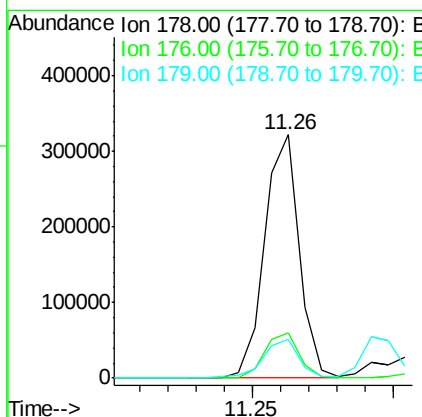
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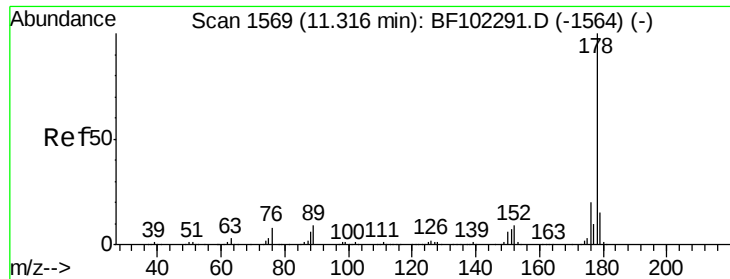
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#70
Phenanthrene
Concen: 10.817 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	273363		
176	18.8	15.8	23.8	
179	15.8	13.0	19.6	





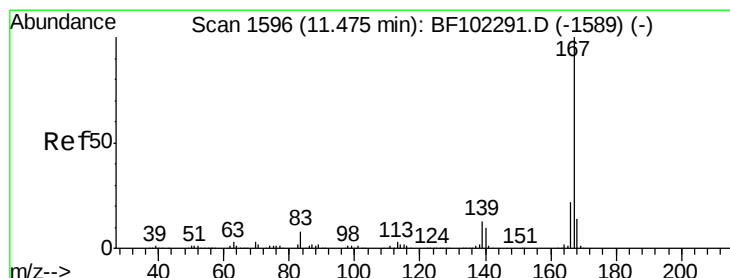
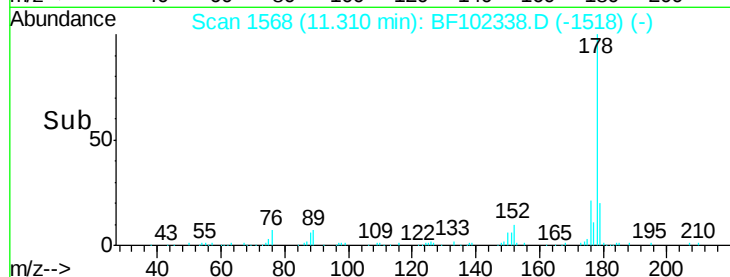
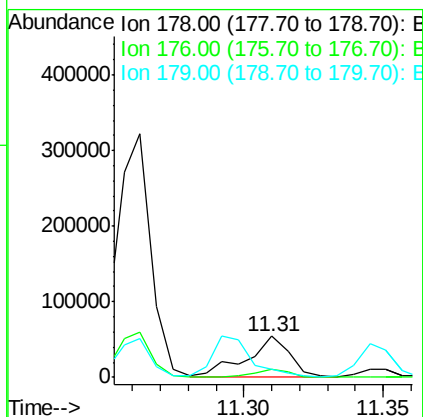
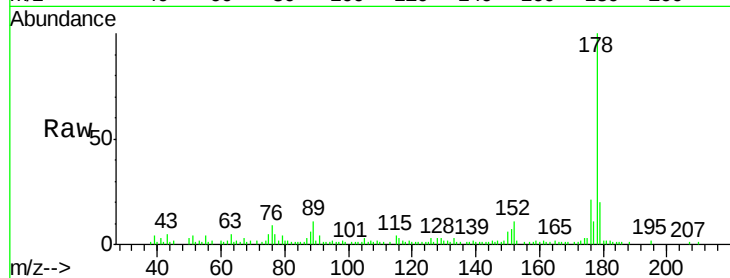
#71
 Anthracene
 Concen: 2.266 ng m
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-096613-02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.4	23.2
179	19.8	12.6	19.0

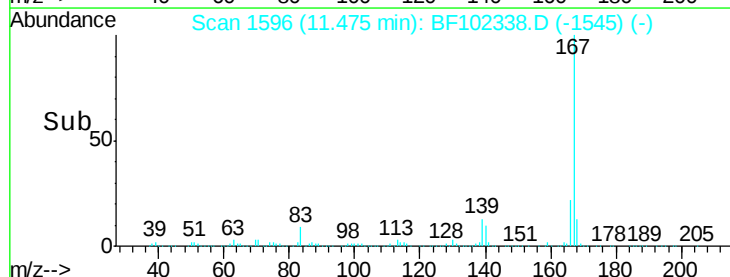
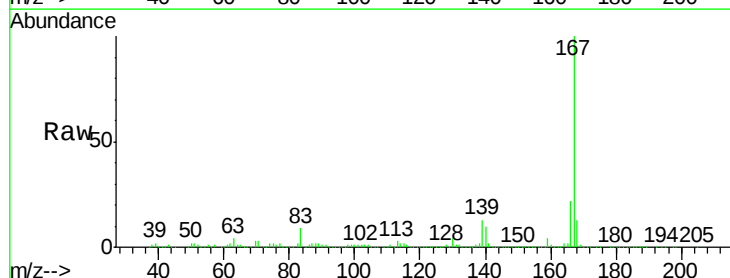
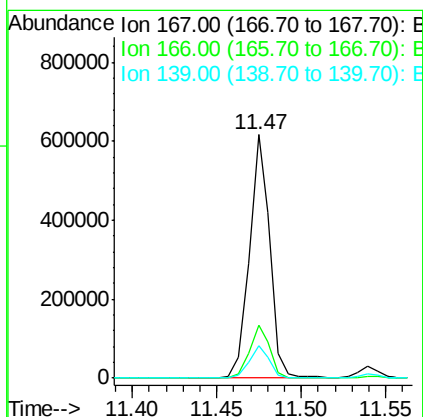
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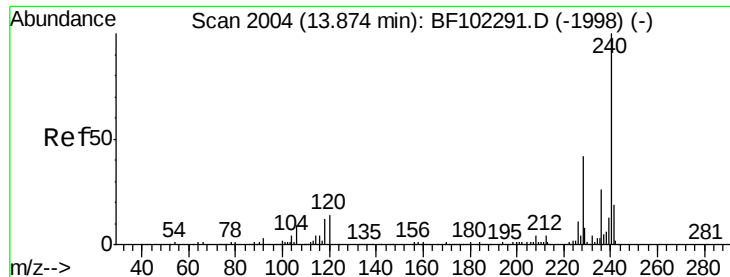
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#72
 Carbazole
 Concen: 20.675 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.1	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: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

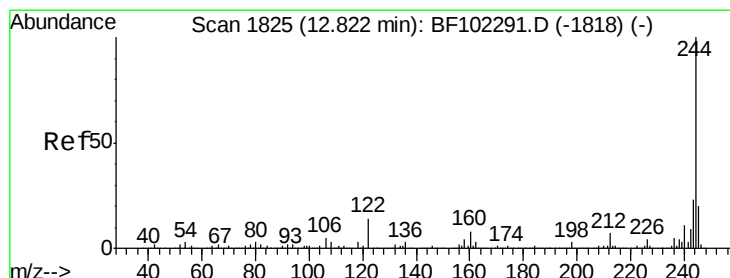
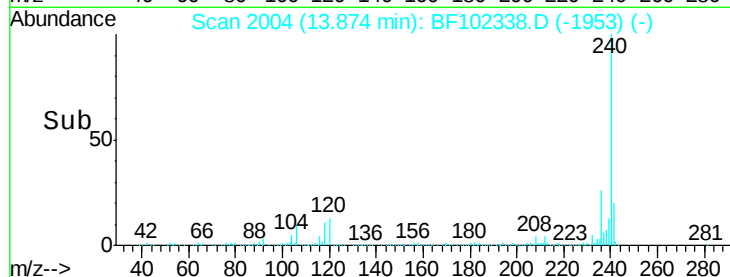
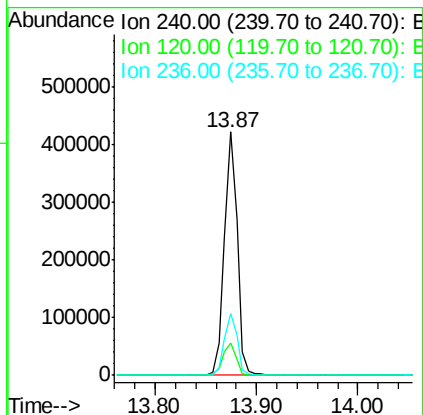
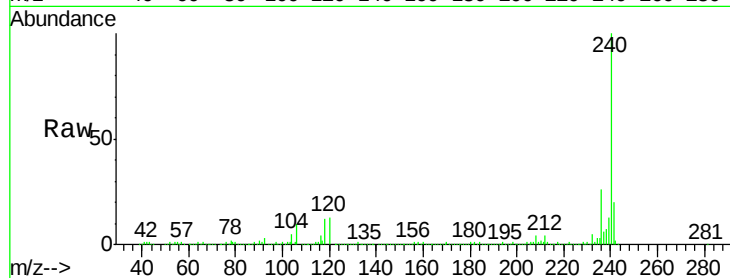
ClientSampleId :

WC-096613-02

Tgt Ion:	240	Resp:	371724
Ion Ratio		Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.5	20.7	31.1

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#78

Terphenyl-d14

Concen: 85.830 ng

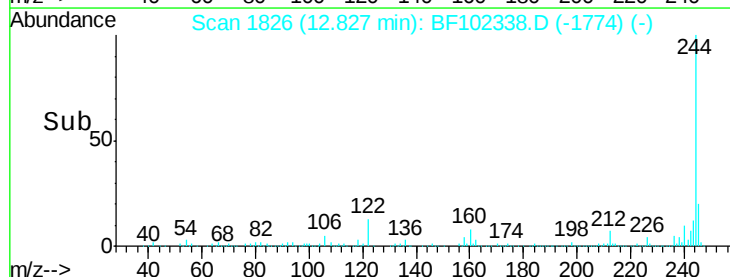
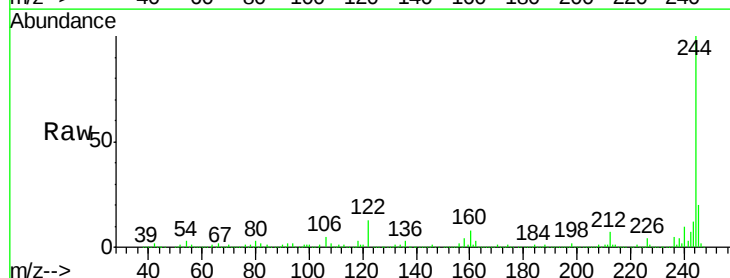
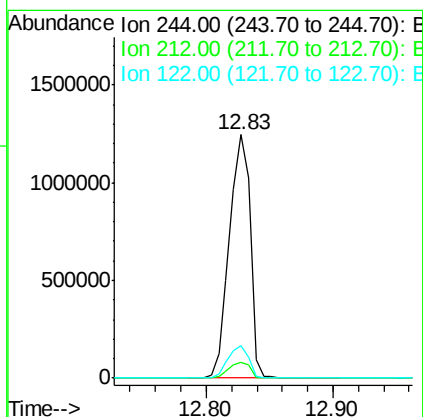
RT: 12.83 min Scan# 1826

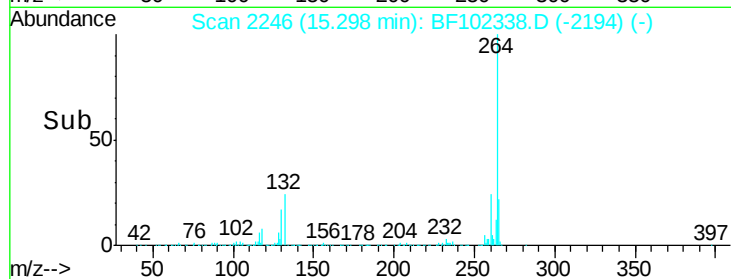
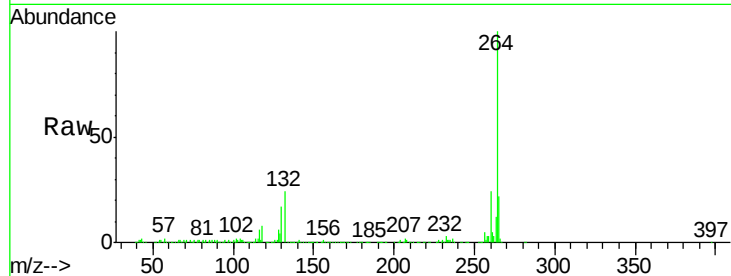
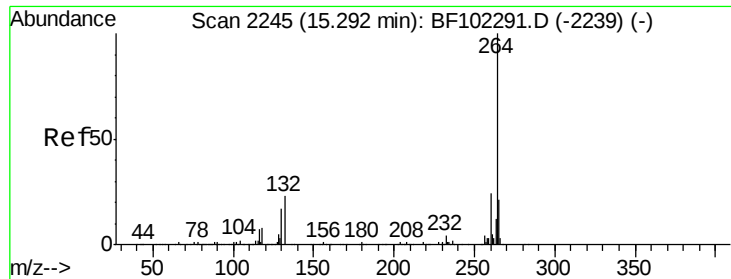
Delta R.T. 0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Tgt Ion:	244	Resp:	1415257
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.2	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: BF102338.D
Acq: 23 Jan 2018 11:50

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3

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