

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101696.D
 Acq On : 23 Dec 2017 11:44
 Operator : SJ/JU
 Sample : I6843-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-04-02

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Quant Time: Dec 26 11:04:26 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	164268	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	627198	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	276102	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	454578	20.00	ng	0.00
75) Chrysene-d12	13.96	240	309948	20.00	ng	0.00
86) Perylene-d12	15.43	264	294456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1313873	119.14	ng	0.02
7) Phenol-d6	6.44	99	1478555	107.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	1024859	90.96	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	334897	125.88	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1601457	89.98	ng	0.00
78) Terphenyl-d14	12.90	244	1315238	102.30	ng	0.00
Target Compounds						
3) Pyridine	3.42	79	290233m	18.435	ng	Qvalue
10) Phenol	6.45	94	554531	35.450	ng	98
17) 2-Methylphenol	7.05	107	247304	23.176	ng	100
20) 3+4-Methylphenols	7.21	107	577318	51.055	ng	86
27) 2,4-Dimethylphenol	7.73	122	231814	25.470	ng	97
31) Naphthalene	8.09	128	1318972	41.772	ng	100
37) 2-Methylnaphthalene	8.78	142	62597	3.043	ng	99
54) Dibenzofuran	10.03	168	59739	2.644	ng	98
57) Fluorene	10.37	166	90126	4.715	ng	99
70) Phenanthrene	11.34	178	268883	10.636	ng	98
71) Anthracene	11.39	178	56821m	2.200	ng	
72) Carbazole	11.55	167	595510	24.632	ng	99

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

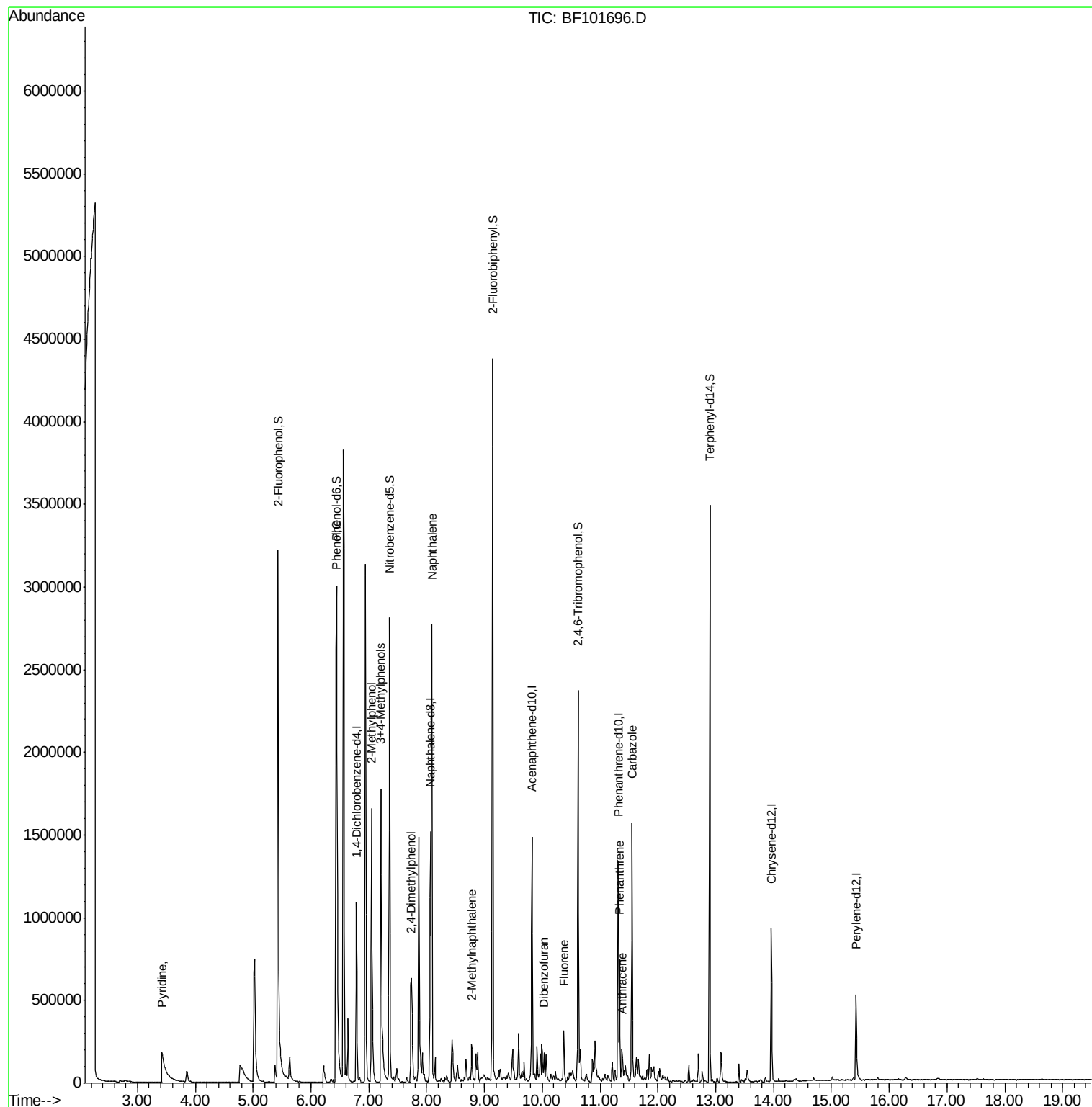
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101696.D
Acq On : 23 Dec 2017 11:44
Operator : SJ/JU
Sample : I6843-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

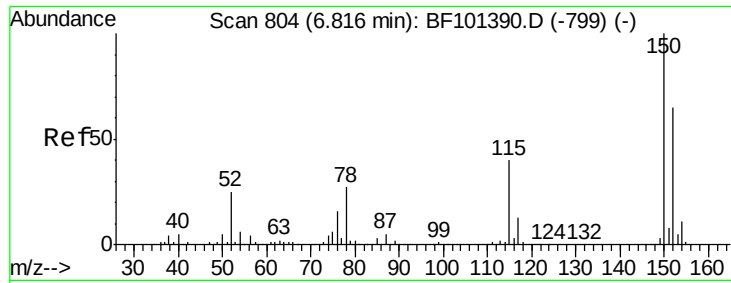
Instrument :
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ClientSampleId :
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#1

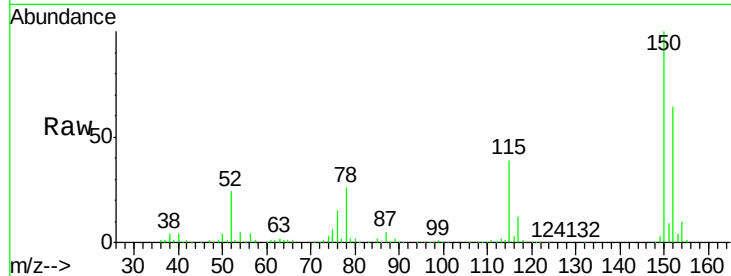
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101696.D
Acq: 23 Dec 2017 11:44

Instrument :
BNA_F
ClientSampleId :
WC-04-02

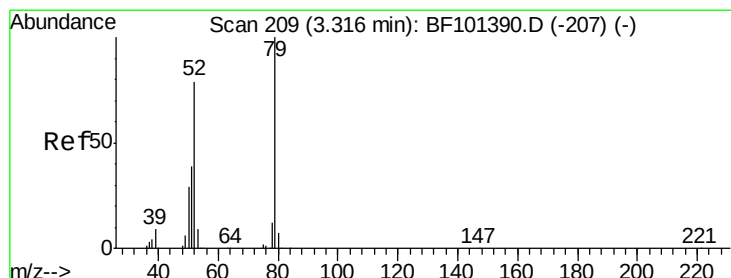
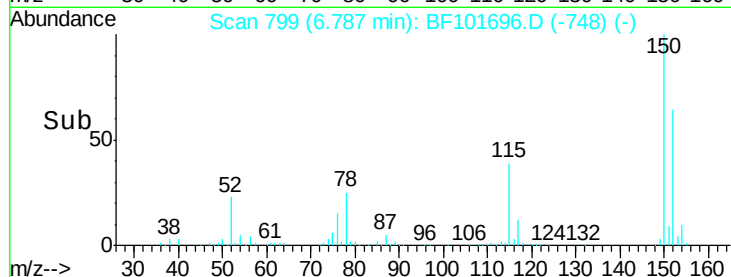
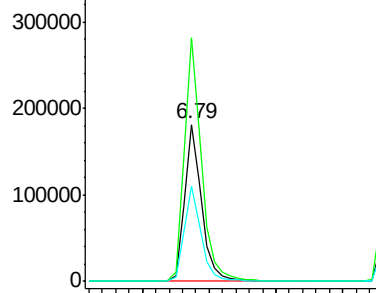
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	164268		
150	155.3	124.6	186.8	
115	60.6	50.1	75.1	

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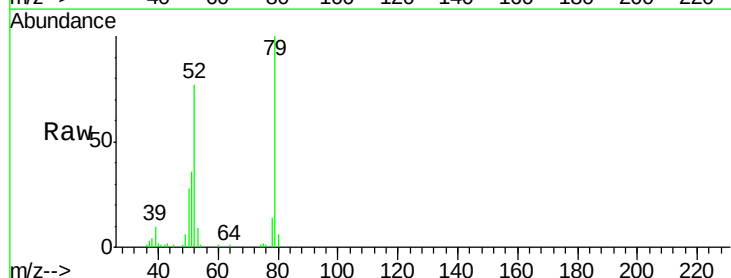
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



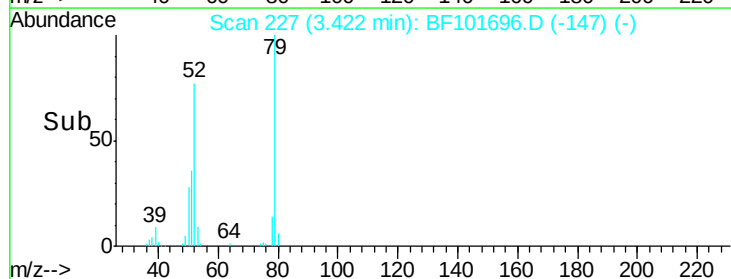
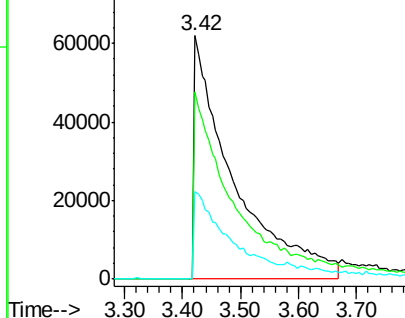
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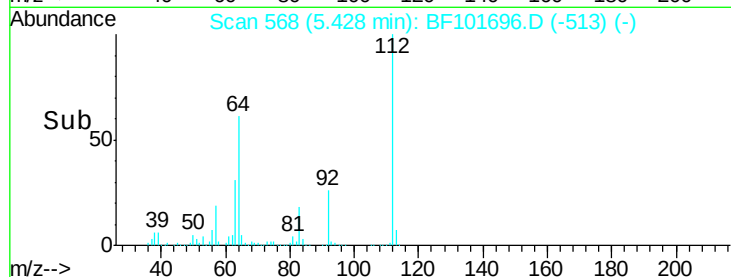
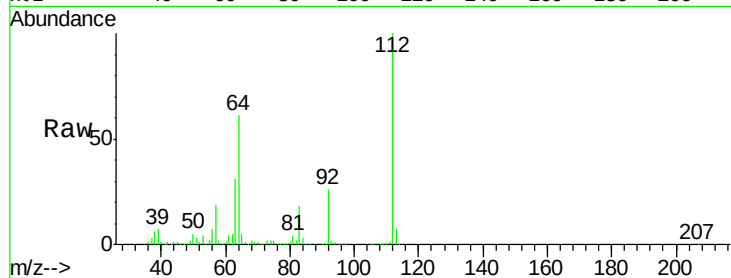
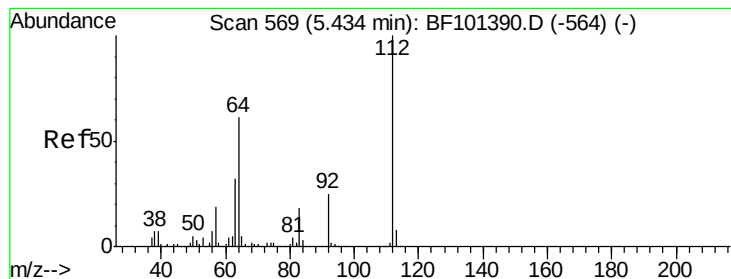
Pyridine
Concen: 18.435 ng m
RT: 3.42 min Scan# 227
Delta R.T. 0.17 min
Lab File: BF101696.D
Acq: 23 Dec 2017 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	290233		
52	77.1	59.8	89.6	
51	35.7	29.8	44.8	



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1





#5

2-Fluorophenol

Concen: 119.142 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Tgt Ion: 112 Resp: 1313873

Ion Ratio Lower Upper

112 100

64 61.0 47.9 71.9

63 31.4 23.7 35.5

Instrument :

BNA_F

ClientSampleId :

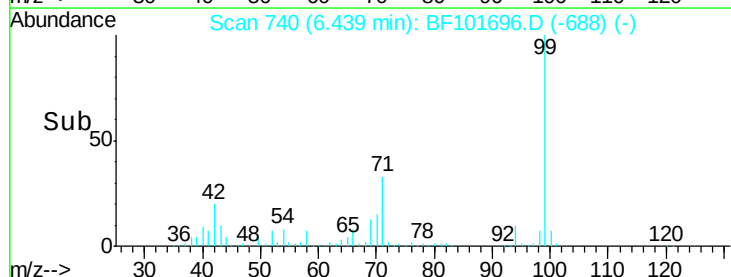
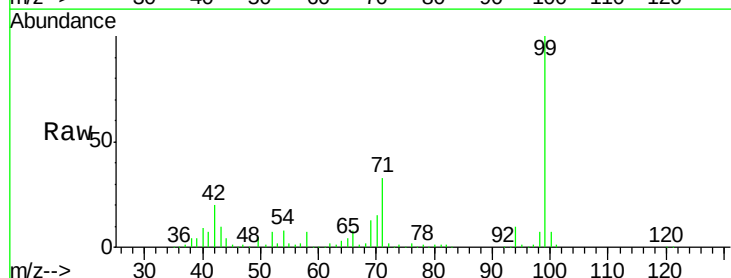
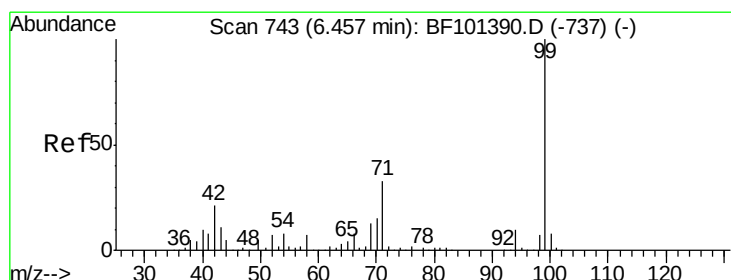
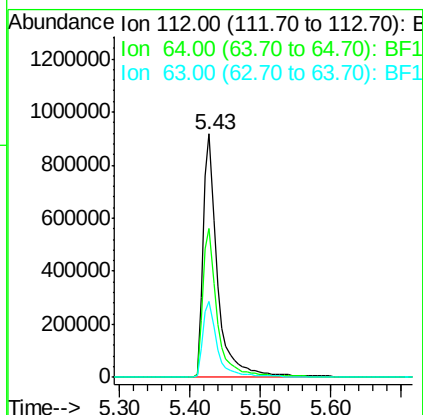
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#7

Phenol-d6

Concen: 107.731 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

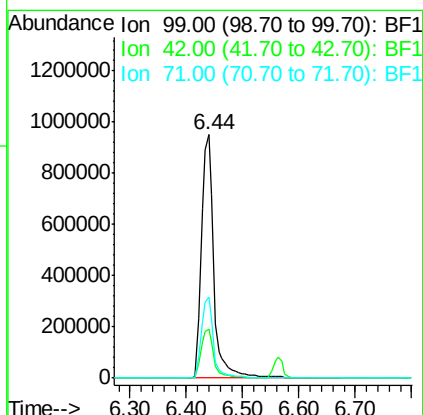
Tgt Ion: 99 Resp: 1478555

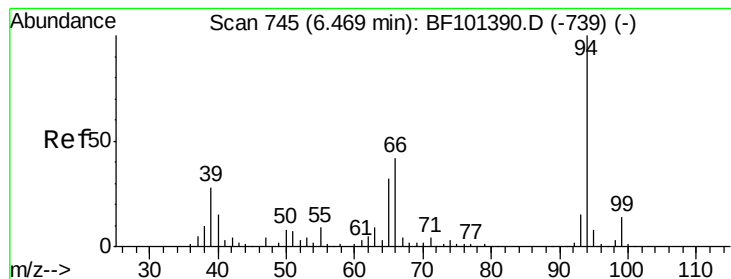
Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 33.0 25.4 38.0





#10

Phenol

Concen: 35.450 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Instrument :

BNA_F

ClientSampleId :

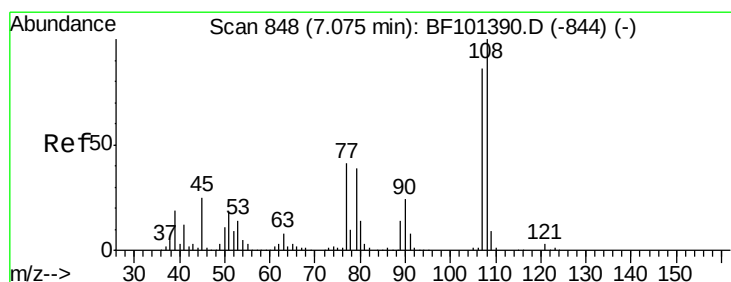
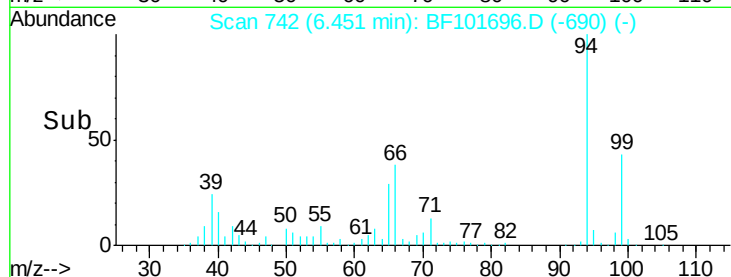
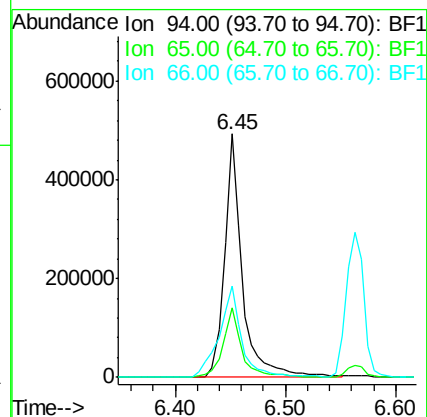
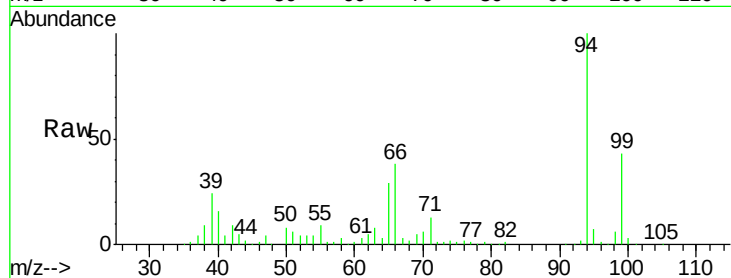
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Tgt Ion: 94 Resp: 554531

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	37.7	16.2	56.2

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#17

2-Methylphenol

Concen: 23.176 ng

RT: 7.05 min Scan# 844

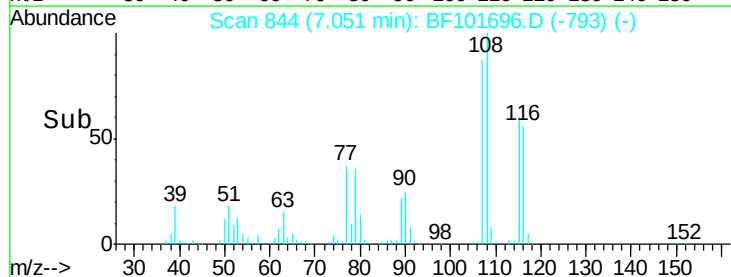
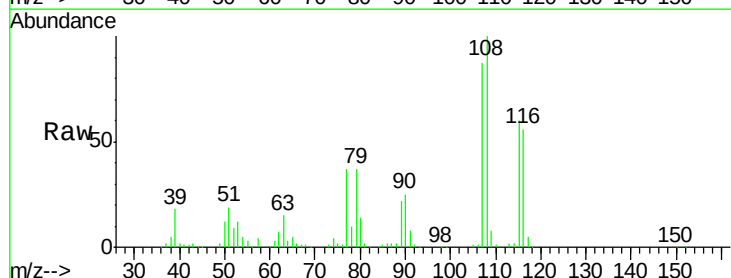
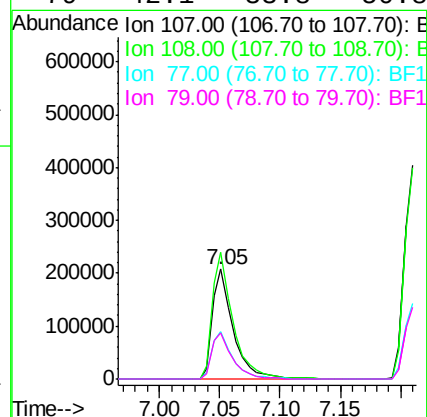
Delta R.T. 0.00 min

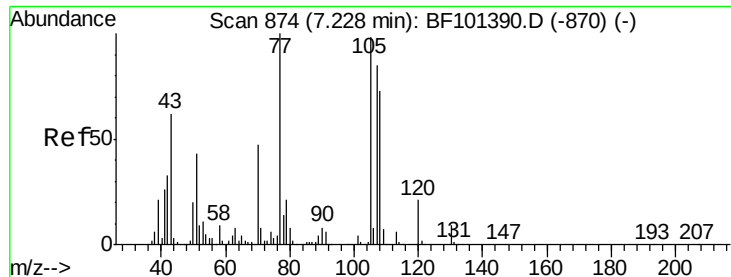
Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Tgt Ion: 107 Resp: 247304

Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.7	137.5
77	42.9	33.8	50.8
79	42.1	33.8	50.8





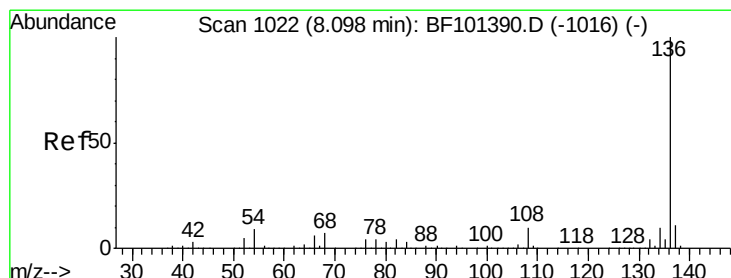
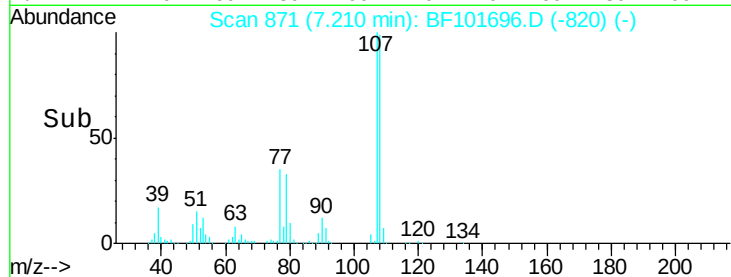
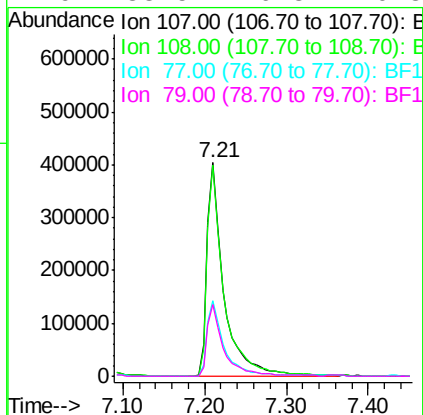
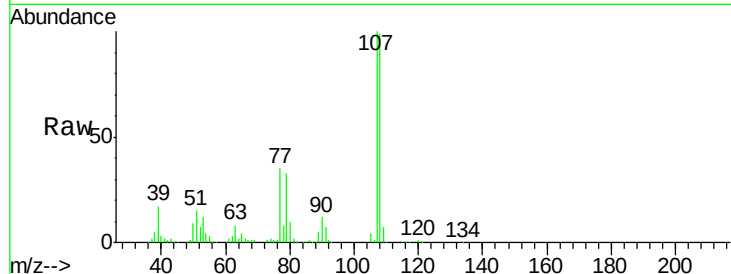
#20
3+4-Methylphenols
Concen: 51.055 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF101696.D
Acq: 23 Dec 2017 11:44

Instrument :
BNA_F
ClientSampleId :
WC-04-02

Tgt Ion:	107	Resp:	577318
Ion Ratio	Lower	Upper	
107	100		
108	98.9	68.2	108.2
77	35.1	26.7	66.7
79	33.5	6.3	46.3

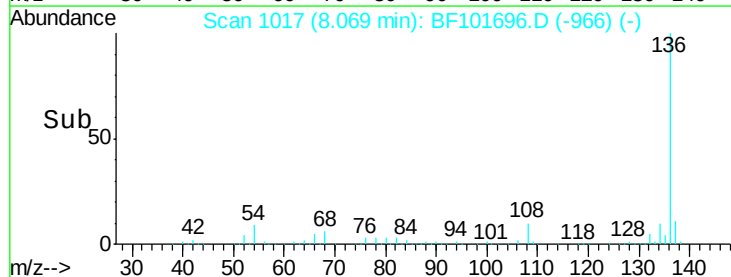
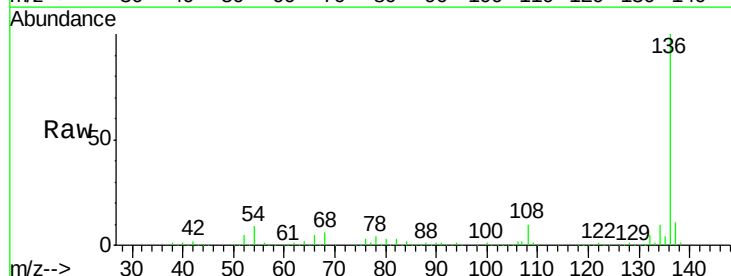
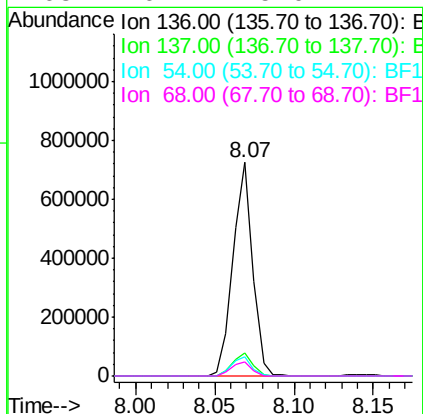
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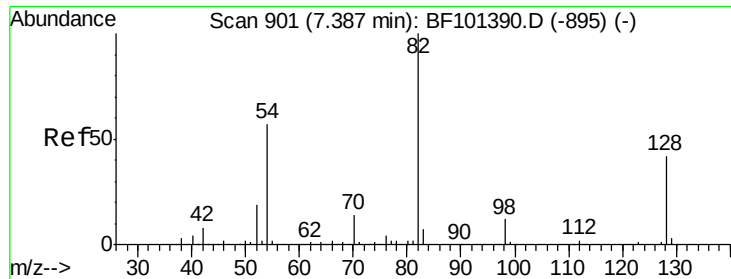
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101696.D
Acq: 23 Dec 2017 11:44

Tgt Ion:	136	Resp:	627198
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.4	5.0	7.4





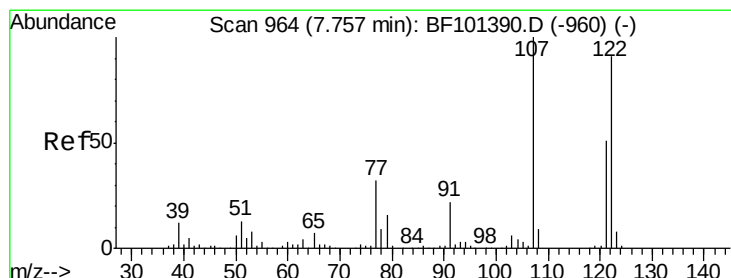
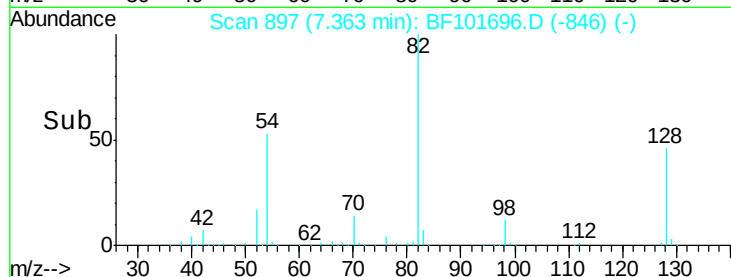
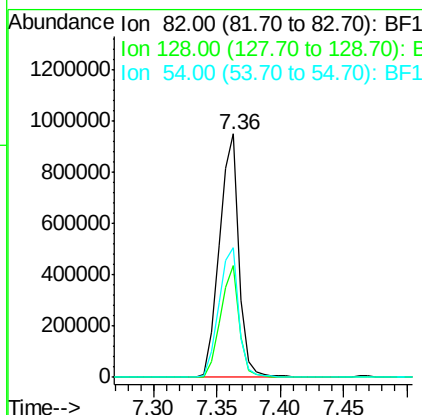
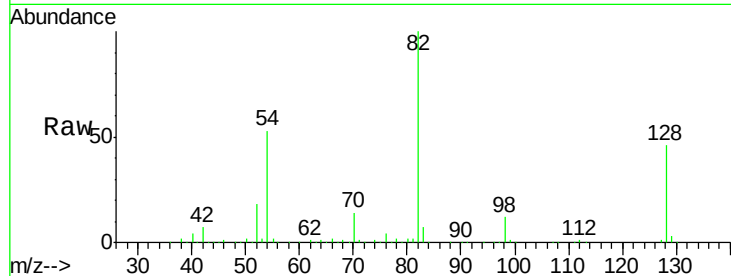
#23
 Nitrobenzene-d5
 Concen: 90.959 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF101696.D
 Acq: 23 Dec 2017 11:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-04-02

Tgt Ion: 82 Resp: 1024859
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 53.4 41.4 62.2

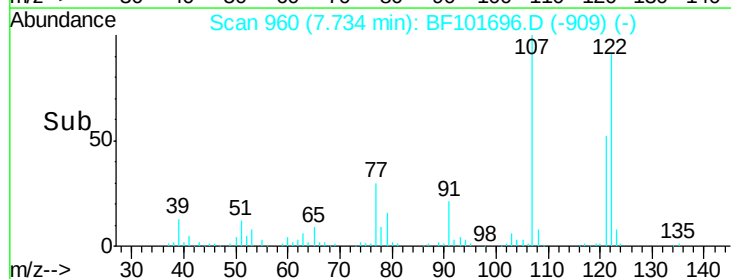
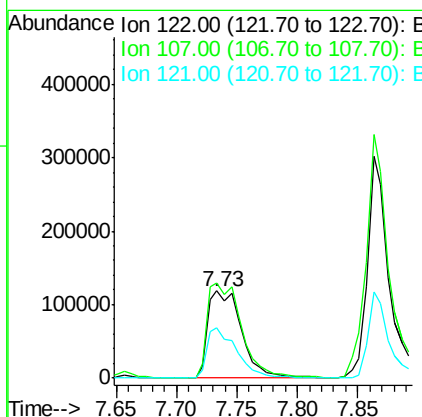
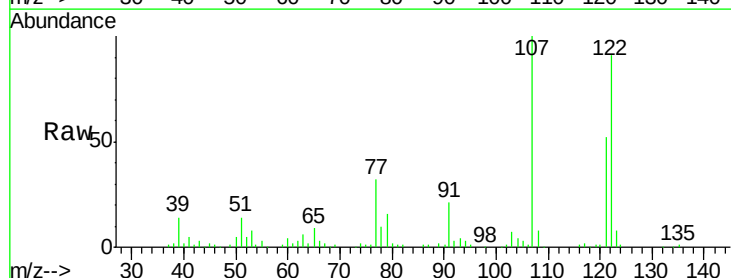
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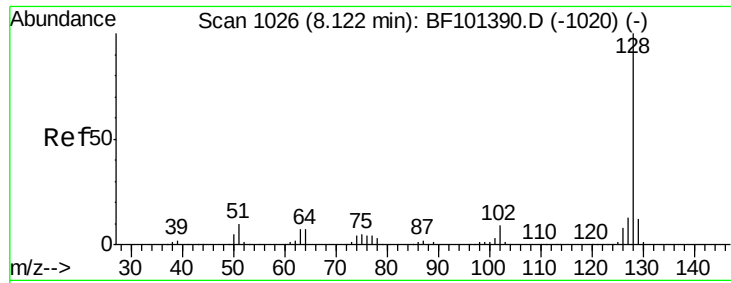
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#27
 2,4-Dimethylphenol
 Concen: 25.470 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF101696.D
 Acq: 23 Dec 2017 11:44

Tgt Ion: 122 Resp: 231814
 Ion Ratio Lower Upper
 122 100
 107 110.1 91.2 136.8
 121 57.4 47.2 70.8





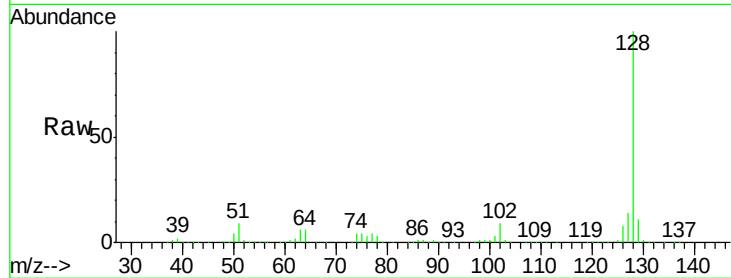
#31
Naphthalene
Concen: 41.772 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101696.D
Acq: 23 Dec 2017 11:44

Instrument :
BNA_F
ClientSampleId :
WC-04-02

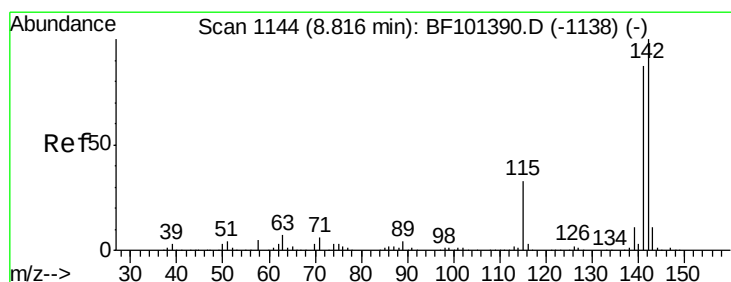
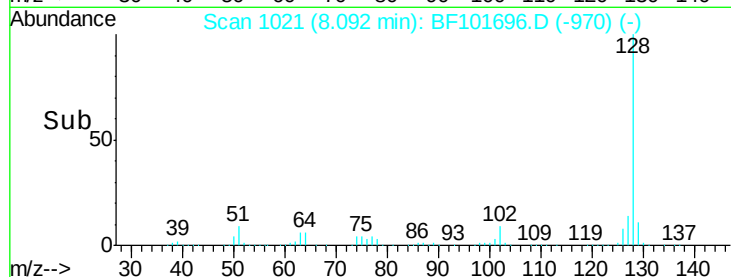
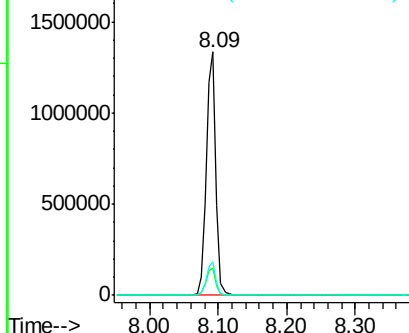
Tgt Ion:128 Resp: 1318972
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.9 16.3

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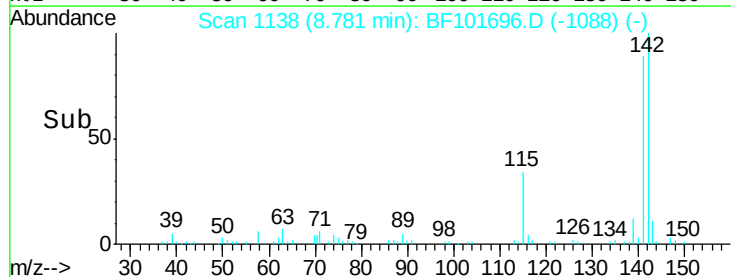
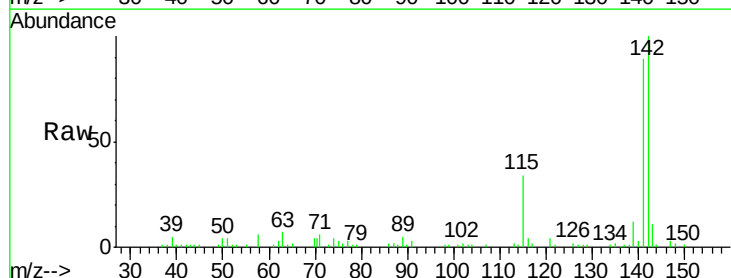
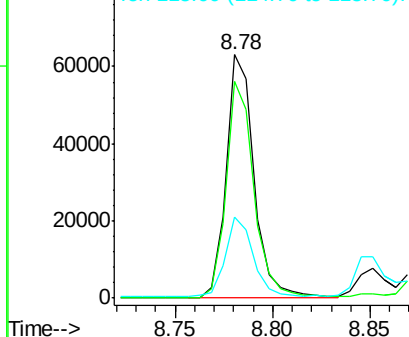
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

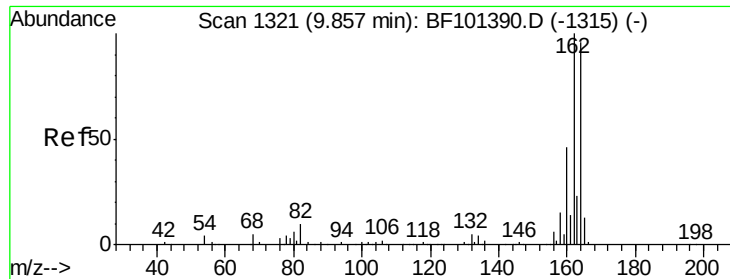


#37
2-Methylnaphthalene
Concen: 3.043 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF101696.D
Acq: 23 Dec 2017 11:44

Tgt Ion:142 Resp: 62597
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2
115 33.6 26.1 39.1

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





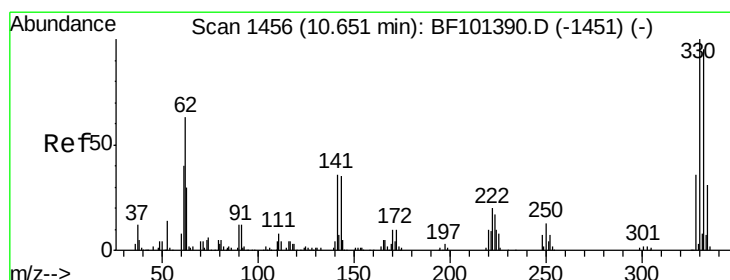
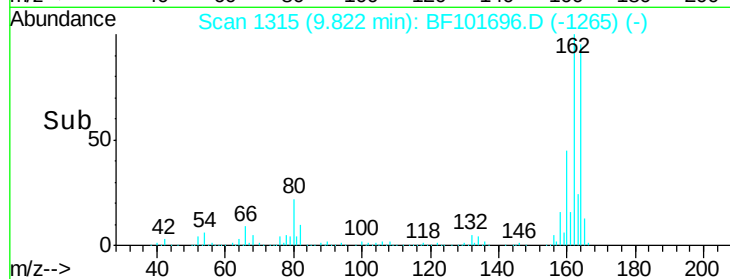
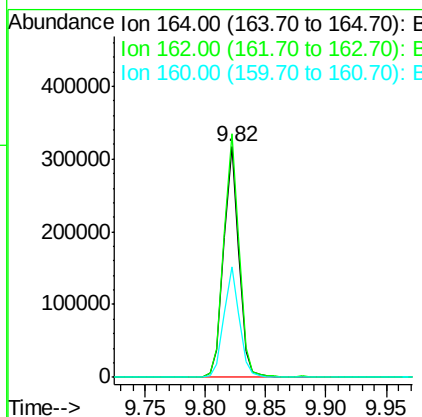
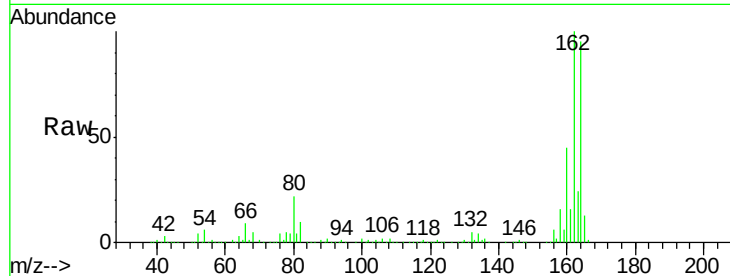
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101696.D
 Acq: 23 Dec 2017 11:44

Instrument :
 BNA_F
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	276102		
162	105.6	86.1	129.1	
160	47.9	38.3	57.5	

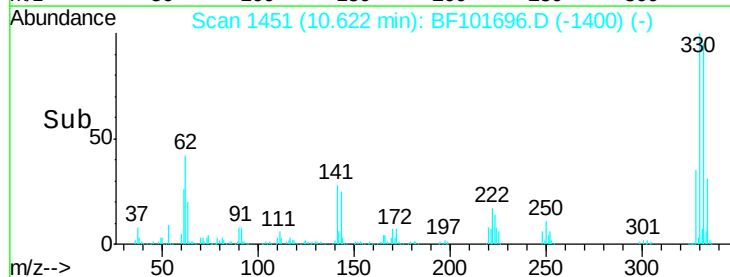
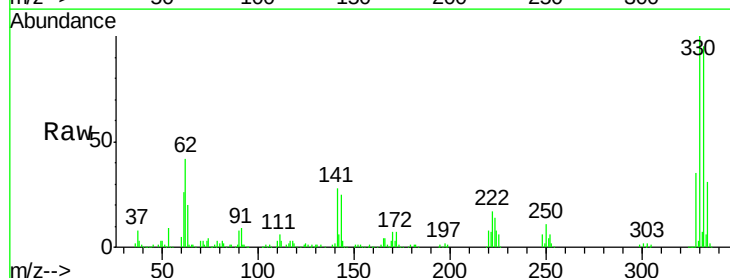
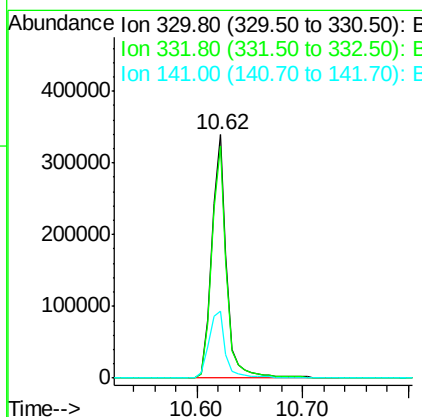
Manual Integrations
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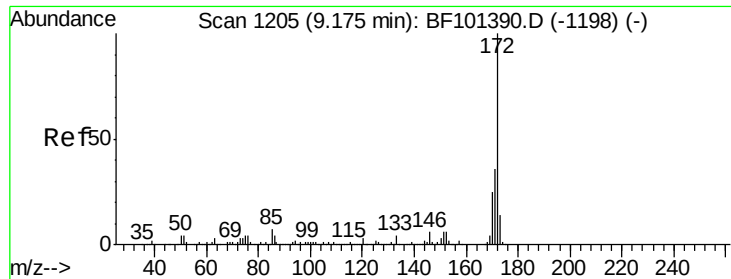
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#41
 2,4,6-Tribromophenol
 Concen: 125.879 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101696.D
 Acq: 23 Dec 2017 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	334897		
332	96.0	77.0	115.6	
141	31.7	29.9	44.9	





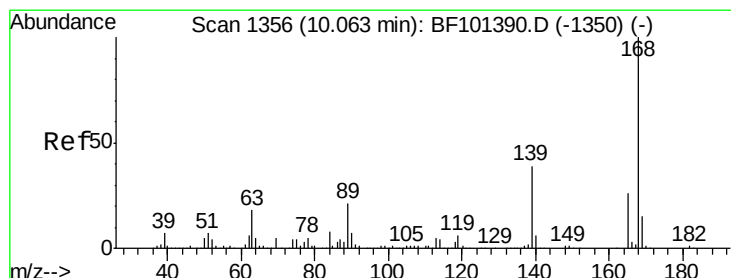
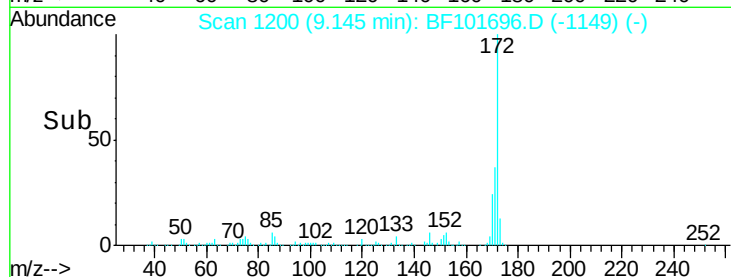
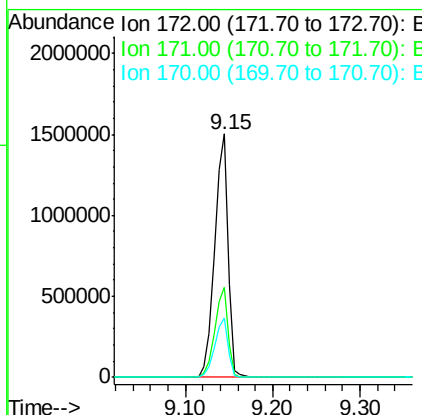
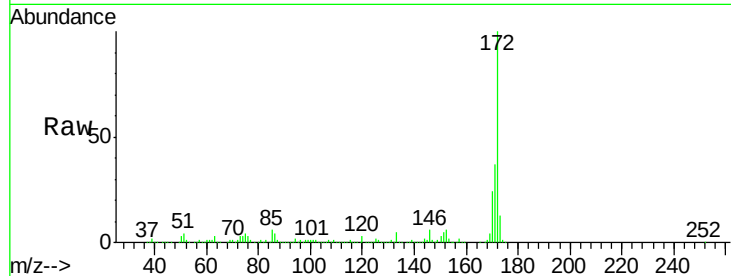
#44
2-Fluorobiphenyl
Concen: 89.976 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF101696.D
Acq: 23 Dec 2017 11:44

Instrument :
BNA_F
ClientSampleId :
WC-04-02

Tgt Ion:172 Resp: 1601457
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.4 19.6 29.4

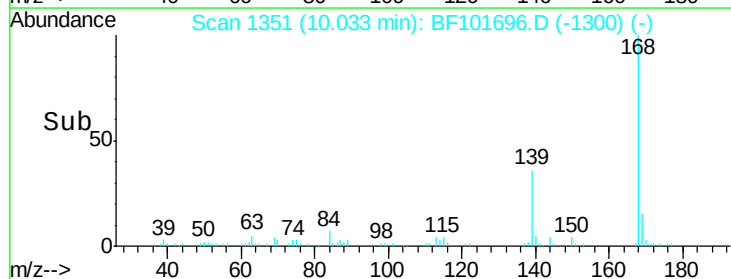
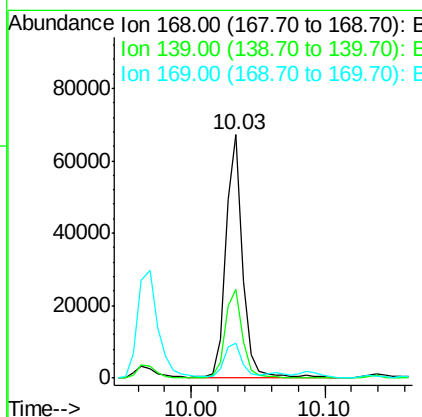
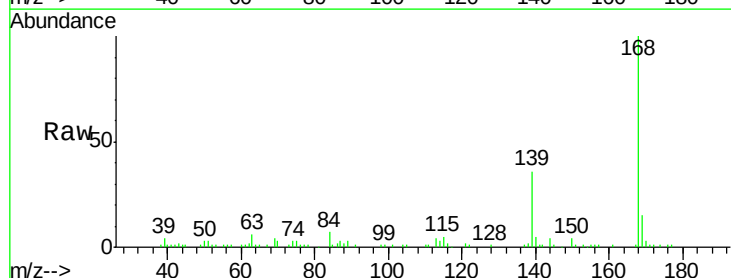
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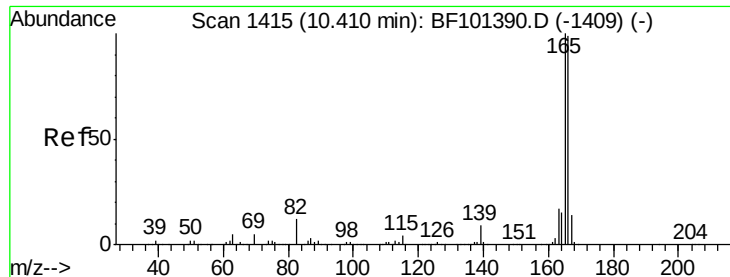
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#54
Dibenzofuran
Concen: 2.644 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101696.D
Acq: 23 Dec 2017 11:44

Tgt Ion:168 Resp: 59739
Ion Ratio Lower Upper
168 100
139 36.2 30.1 45.1
169 14.5 10.9 16.3





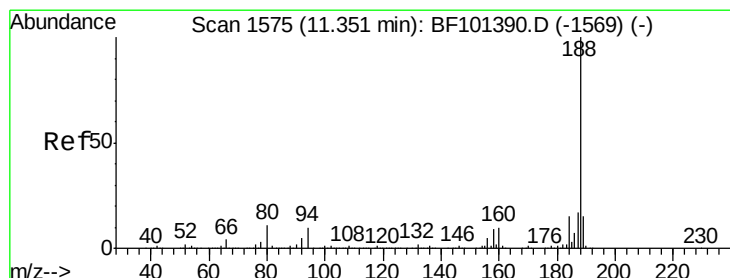
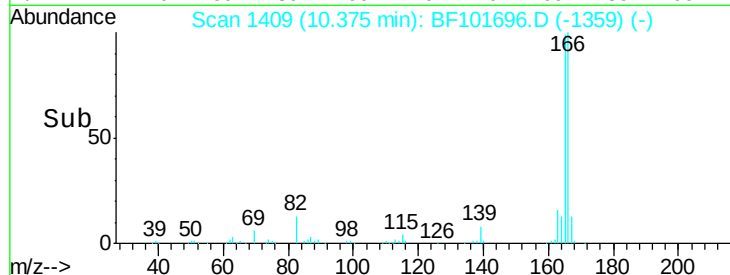
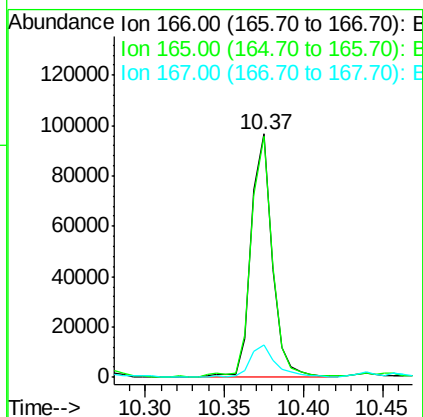
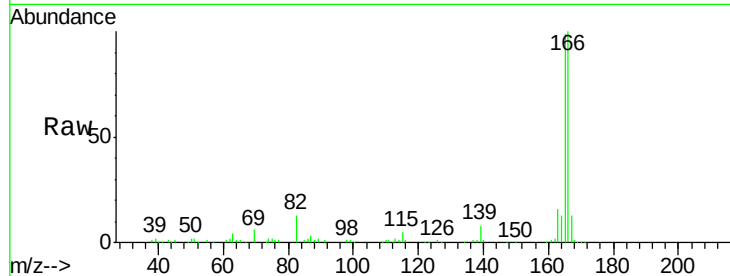
#57
Fluorene
Concen: 4.715 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF101696.D
Acq: 23 Dec 2017 11:44

Instrument :
BNA_F
ClientSampleId :
WC-04-02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	90126		
165	98.9	79.8	119.8	
167	13.3	10.6	16.0	

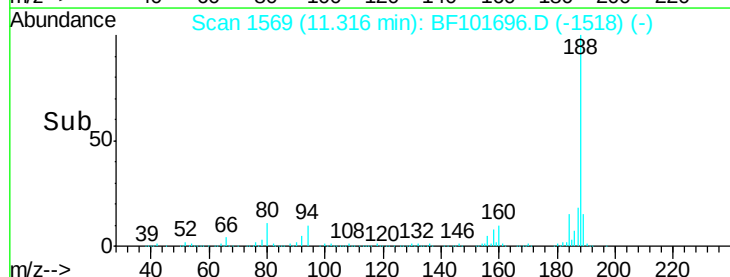
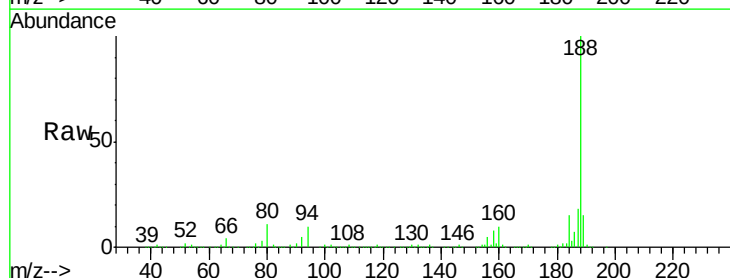
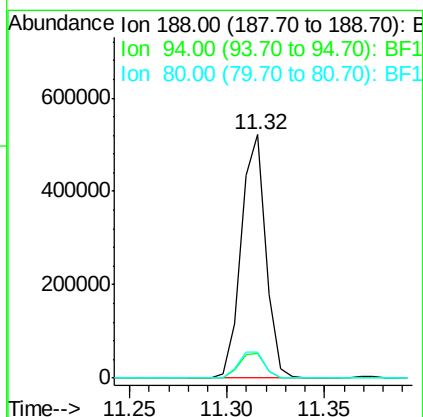
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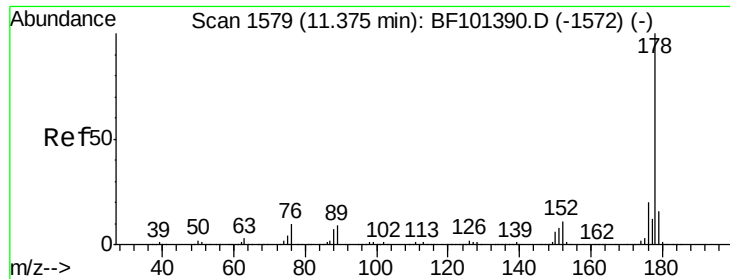
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101696.D
Acq: 23 Dec 2017 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	454578		
94	10.3	8.5	12.7	
80	10.5	9.2	13.8	





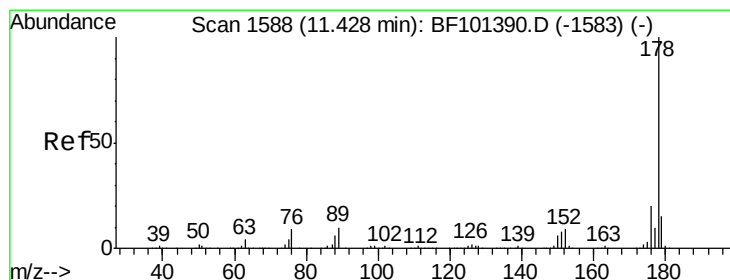
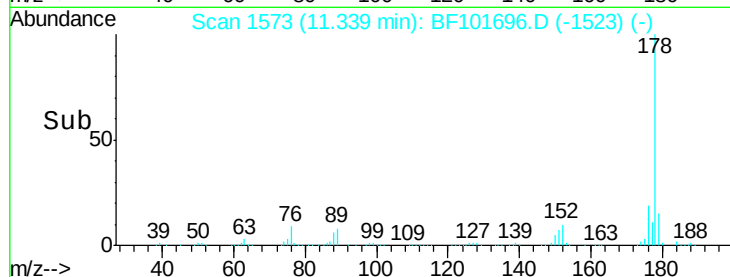
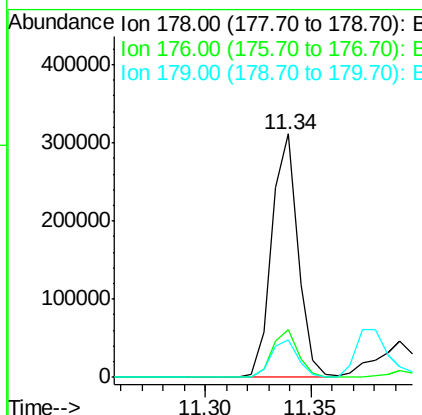
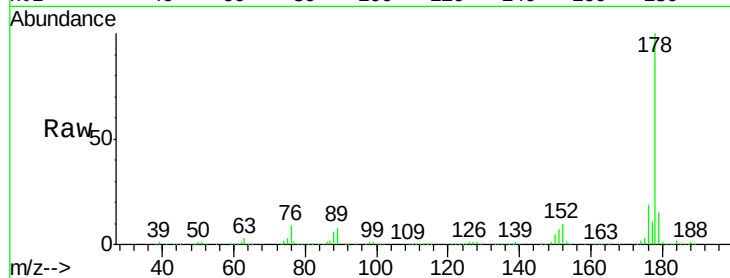
#70
 Phenanthrene
 Concen: 10.636 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF101696.D
 Acq: 23 Dec 2017 11:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-04-02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	13.0	19.6

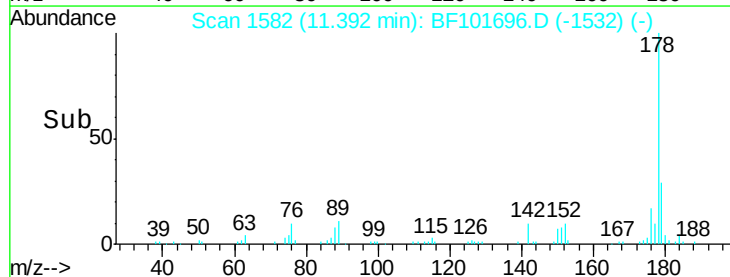
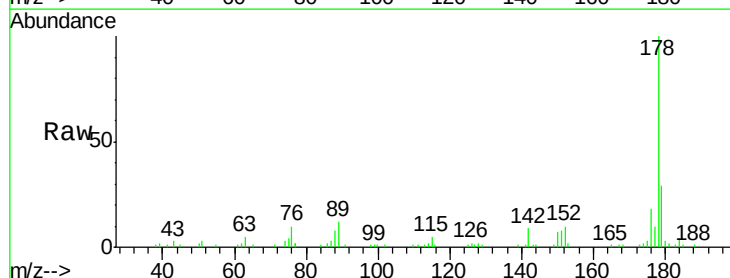
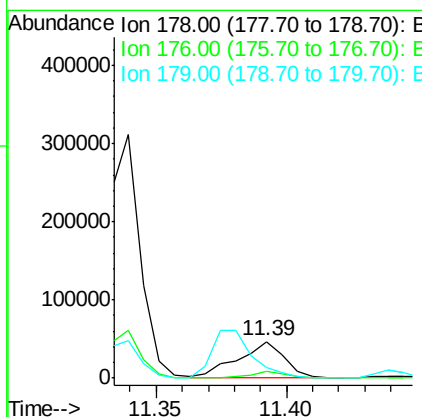
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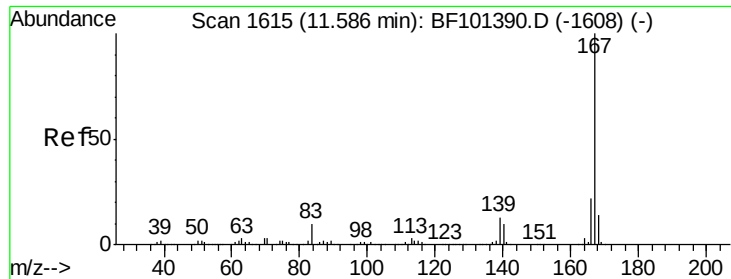
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#71
 Anthracene
 Concen: 2.200 ng m
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF101696.D
 Acq: 23 Dec 2017 11:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	29.1	12.6	19.0#





#72

Carbazole

Concen: 24.632 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Instrument :

BNA_F

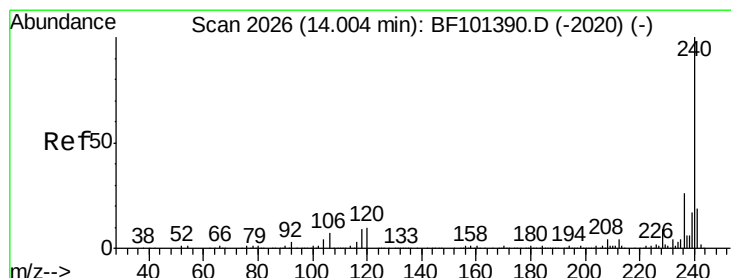
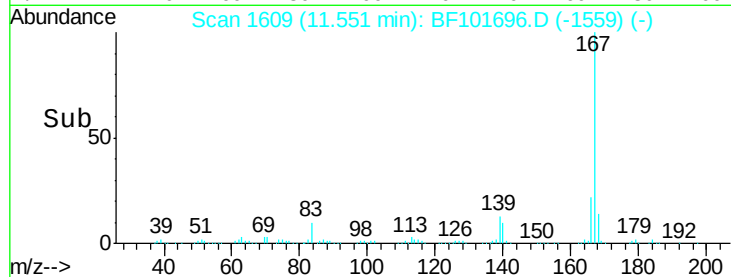
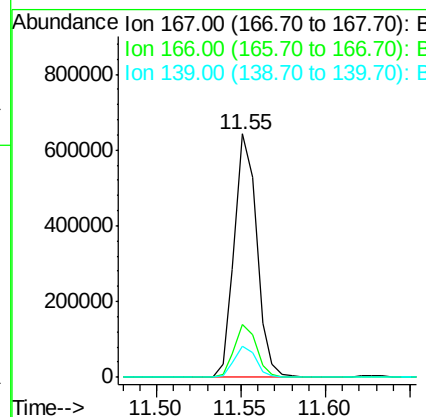
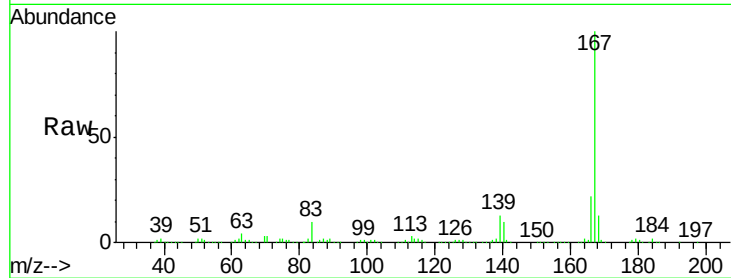
ClientSampleId :

WC-04-02

Tgt Ion:	167	Resp:	595510
Ion Ratio		Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.9	10.9	16.3

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#75

Chrysene-d12

Concen: 20.000 ng

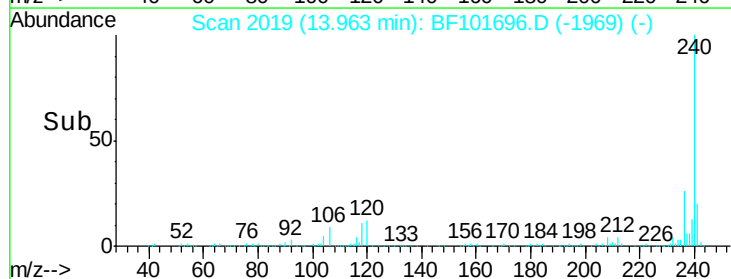
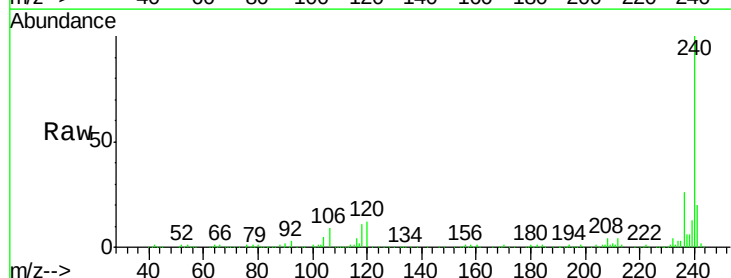
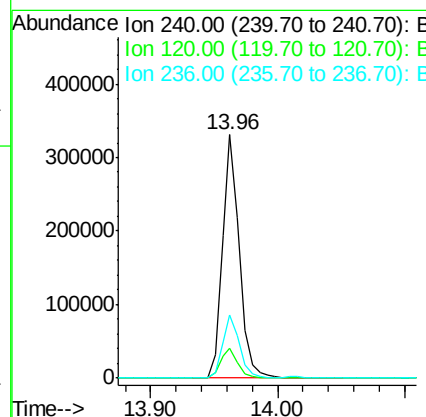
RT: 13.96 min Scan# 2019

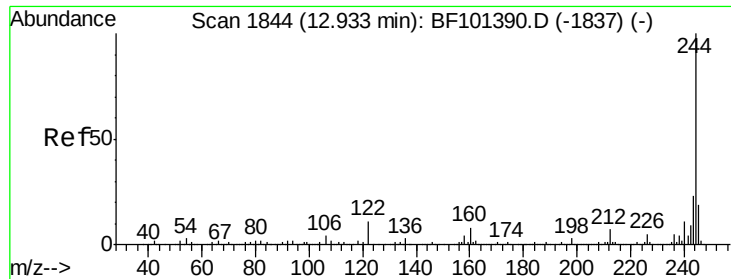
Delta R.T. -0.01 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Tgt Ion:	240	Resp:	309948
Ion Ratio		Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.1	20.7	31.1





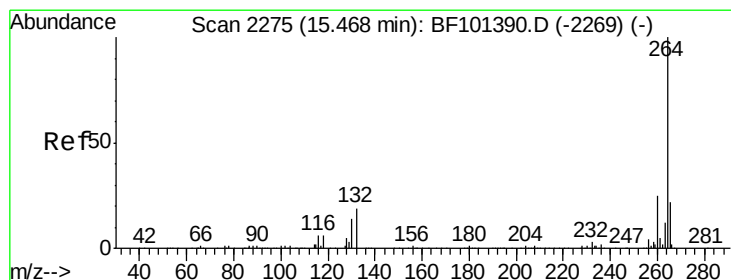
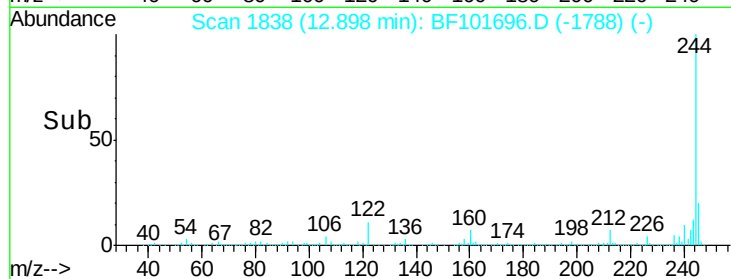
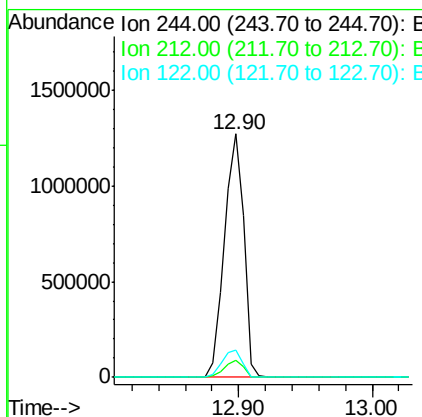
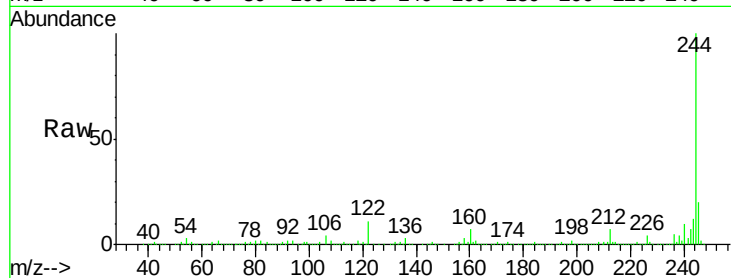
#78
 Terphenyl-d14
 Concen: 102.299 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF101696.D
 Acq: 23 Dec 2017 11:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-04-02

Tgt Ion:244 Resp: 1315238
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.2 11.0 16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF101696.D
 Acq: 23 Dec 2017 11:44

Tgt Ion:264 Resp: 294456
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.9 17.5 26.3

