

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101690.D
 Acq On : 23 Dec 2017 9:02
 Operator : SJ/JU
 Sample : I6837-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-69-01

Manual Integrations
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Quant Time: Dec 25 01:25:18 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	158765	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	608809	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	268396	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	459395	20.00	ng	0.00
75) Chrysene-d12	13.96	240	311867	20.00	ng	0.00
86) Perylene-d12	15.43	264	286694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1186564	111.33	ng	0.10
7) Phenol-d6	6.45	99	1064008	80.21	ng	0.02
23) Nitrobenzene-d5	7.36	82	972239	88.90	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	321868	124.46	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1514252	87.52	ng	0.00
78) Terphenyl-d14	12.90	244	1356019	104.82	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.41	79	5198265	341.625	ng	95
10) Phenol	6.49	94	2809785	185.848	ng	96
17) 2-Methylphenol	7.06	107	481782	46.714	ng	99
20) 3+4-Methylphenols	7.22	107	1532254	140.202	ng	86
27) 2,4-Dimethylphenol	7.75	122	238209	26.963	ng	95
31) Naphthalene	8.09	128	2005734	65.441	ng	99
37) 2-Methylnaphthalene	8.78	142	127180	6.369	ng	99
48) Acenaphthylene	9.69	152	135645	4.715	ng	99
54) Dibenzofuran	10.03	168	135554	6.172	ng	97
57) Fluorene	10.37	166	189632	10.206	ng	99
70) Phenanthrene	11.34	178	538476	21.077	ng	99
71) Anthracene	11.39	178	108120m	4.143	ng	
72) Carbazole	11.56	167	868146	35.532	ng	98
74) Fluoranthene	12.53	202	89966	3.355	ng	98
77) Pyrene	12.76	202	54357	2.322	ng	97

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

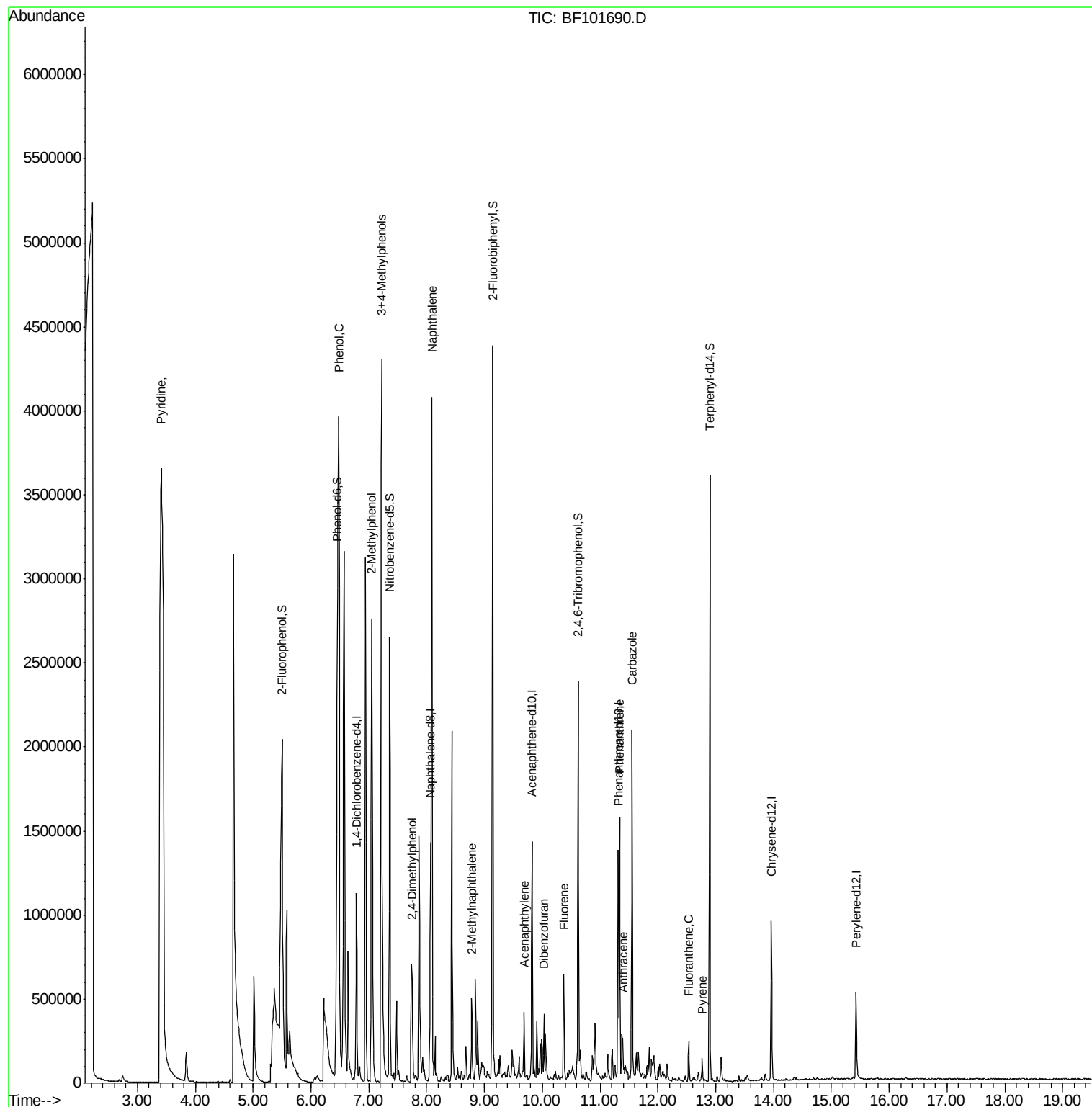
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101690.D
Acq On : 23 Dec 2017 9:02
Operator : SJ/JU
Sample : I6837-03
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ALS Vial : 40 Sample Multiplier: 1

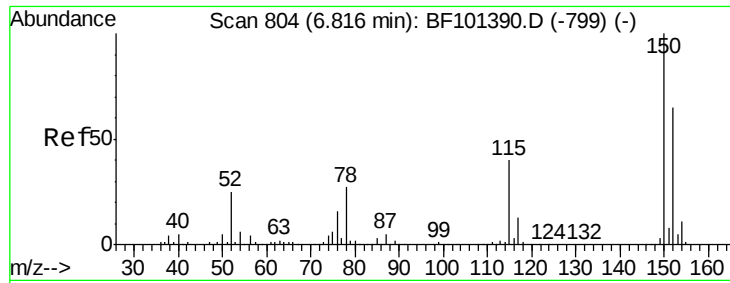
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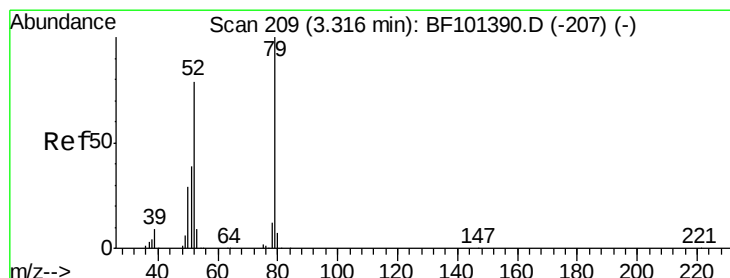
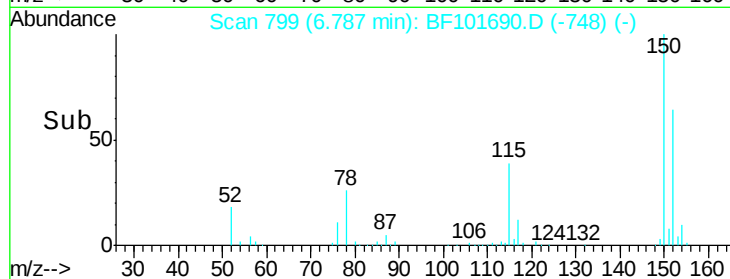
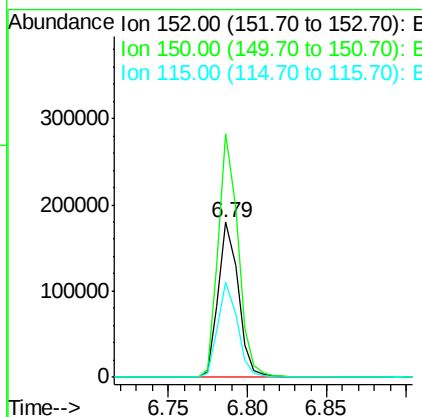
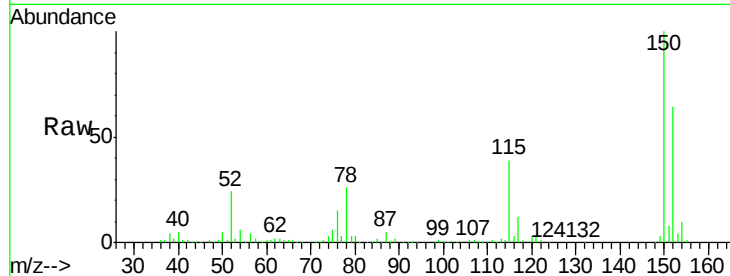
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	158765		
150	157.0	124.6	186.8	
115	61.1	50.1	75.1	

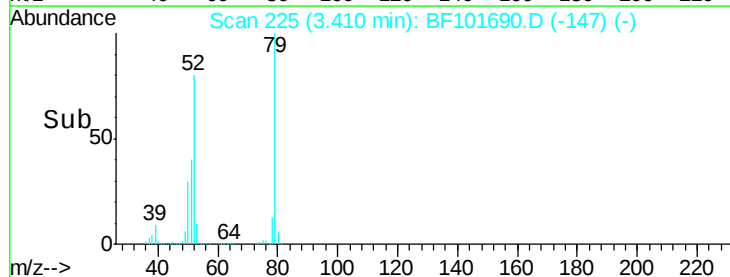
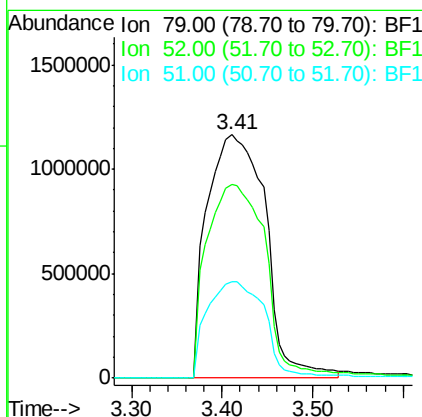
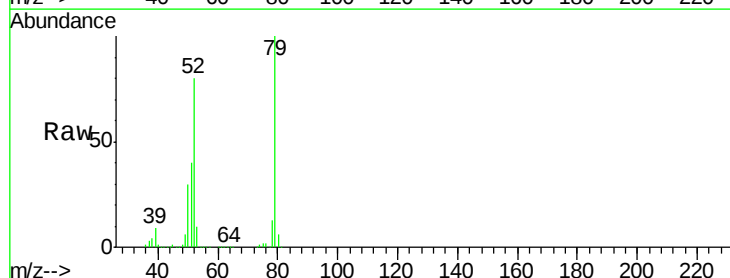
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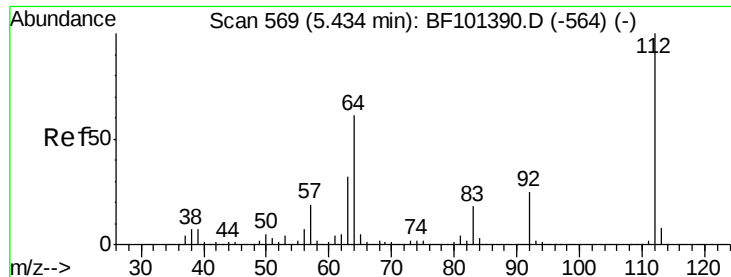
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#3
Pyridine
Concen: 341.625 ng
RT: 3.41 min Scan# 225
Delta R.T. 0.16 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	5198265		
52	79.7	59.8	89.6	
51	39.7	29.8	44.8	





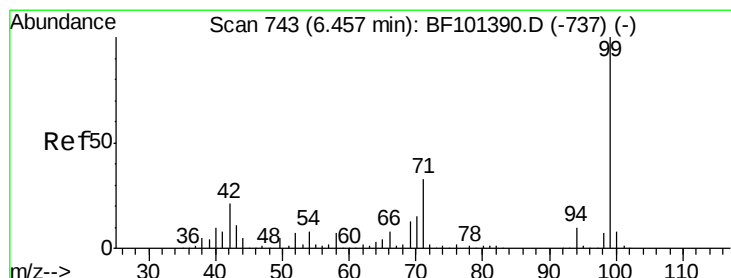
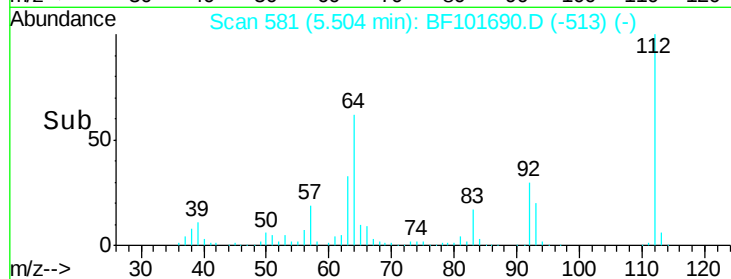
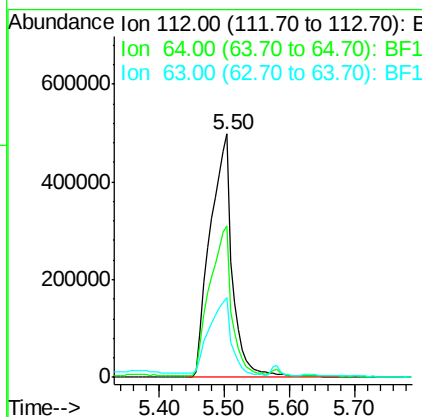
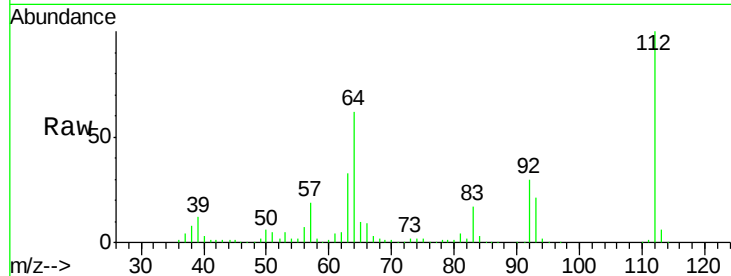
#5
2-Fluorophenol
Concen: 111.327 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.10 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tgt Ion: 112 Resp: 1186564
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 32.7 23.7 35.5

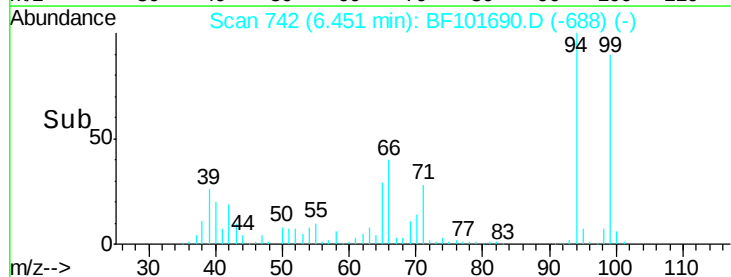
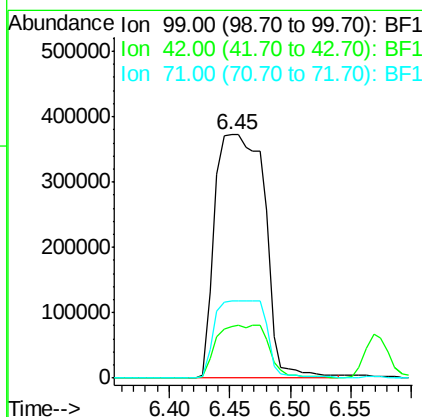
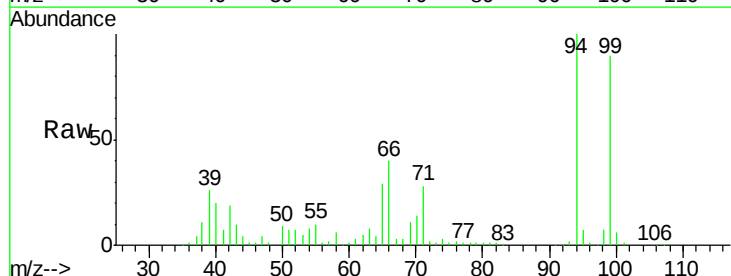
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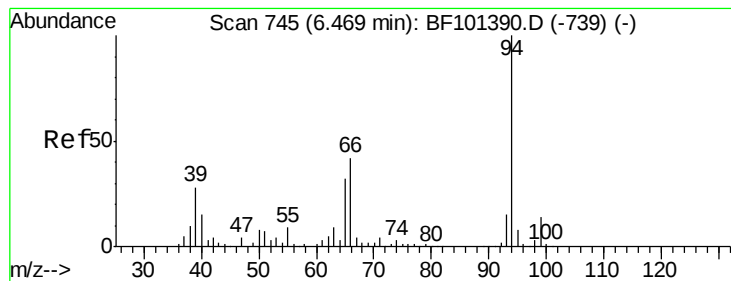
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#7
Phenol-d6
Concen: 80.213 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.02 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion: 99 Resp: 1064008
Ion Ratio Lower Upper
99 100
42 21.3 14.5 21.7
71 31.5 25.4 38.0





#10

Phenol

Concen: 185.848 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.04 min

Lab File: BF101690.D

Acq: 23 Dec 2017 9:02

Instrument :

BNA_F

ClientSampleId :

WC-69-01

Tgt Ion: 94 Resp: 2809785

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

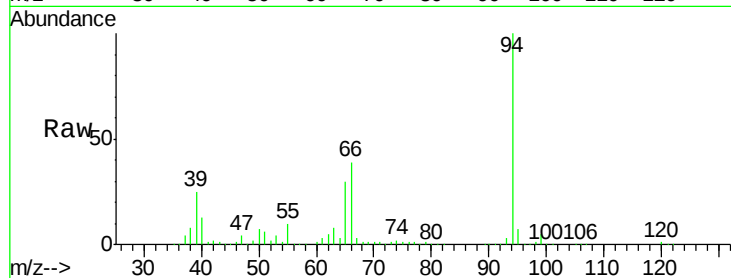
66 38.9 16.2 56.2

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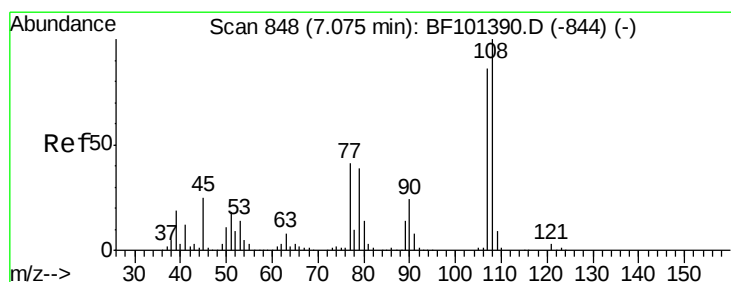
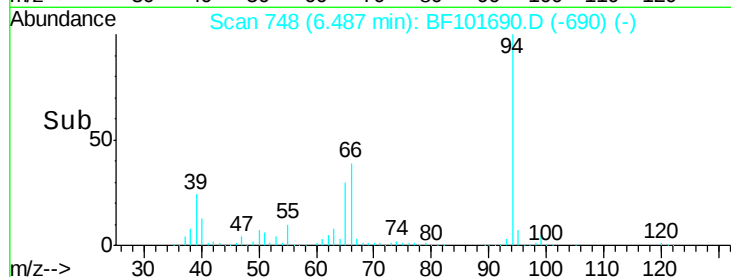
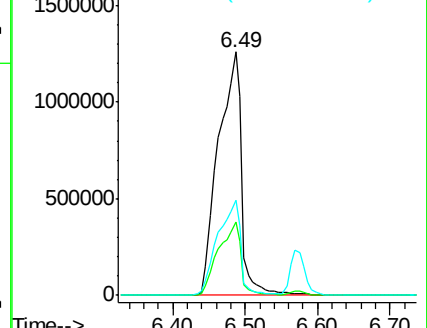
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Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#17

2-Methylphenol

Concen: 46.714 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF101690.D

Acq: 23 Dec 2017 9:02

Tgt Ion: 107 Resp: 481782

Ion Ratio Lower Upper

107 100

108 115.4 91.7 137.5

77 43.2 33.8 50.8

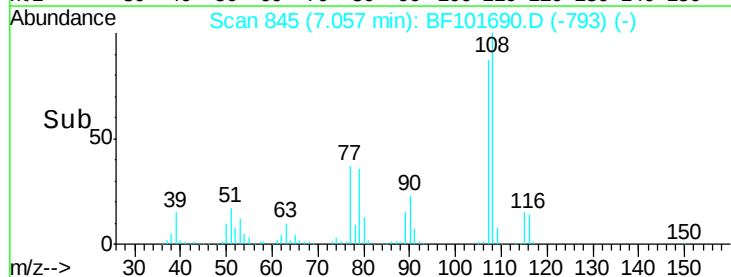
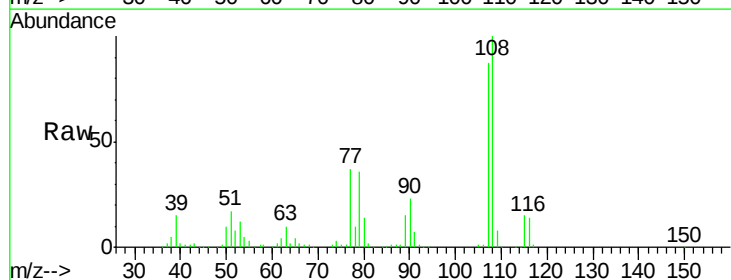
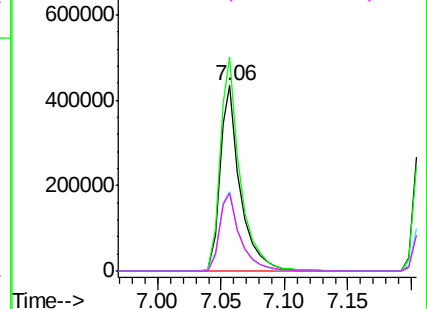
79 42.1 33.8 50.8

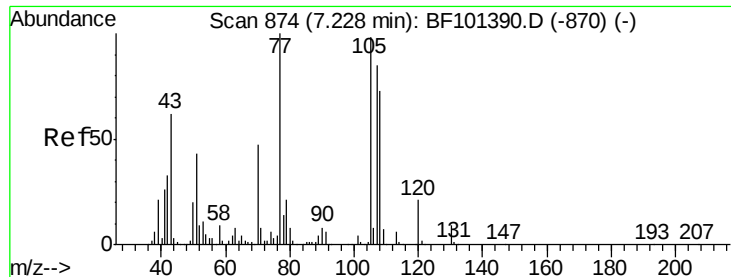
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

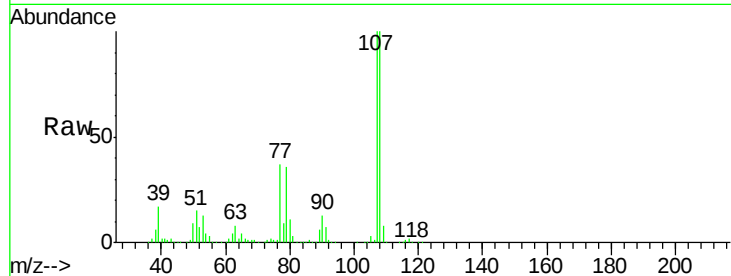
Ion 79.00 (78.70 to 79.70): BF1





#20
3+4-Methylphenols
Concen: 140.202 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

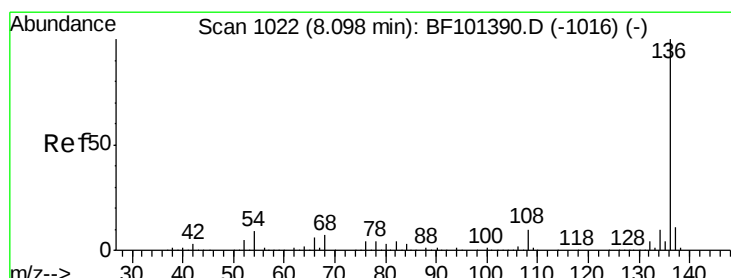
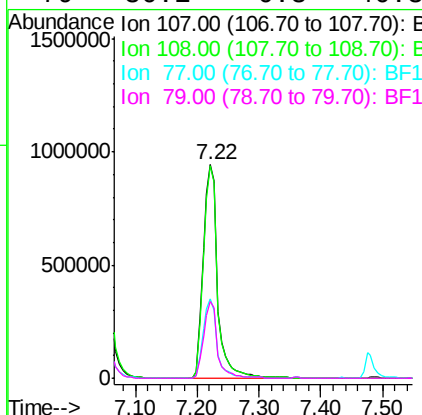
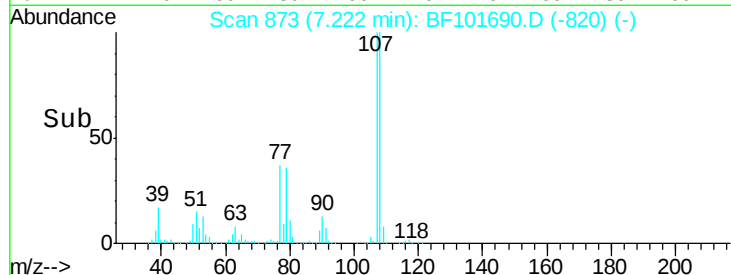
Instrument :
BNA_F
ClientSampled :
WC-69-01



Tgt Ion:	107	Resp:	1532254
Ion	Ratio	Lower	Upper
107	100		
108	99.7	68.2	108.2
77	37.1	26.7	66.7
79	36.1	6.3	46.3

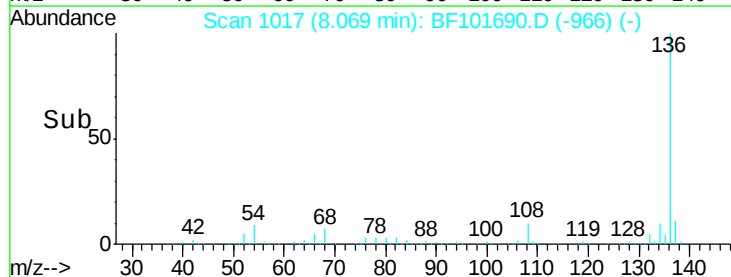
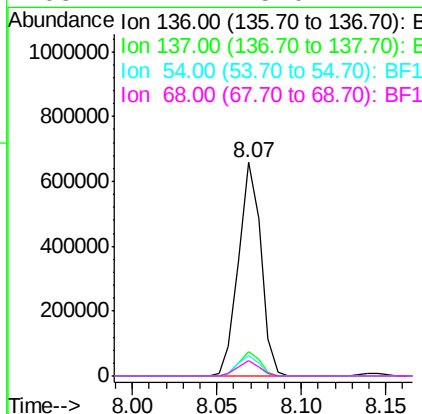
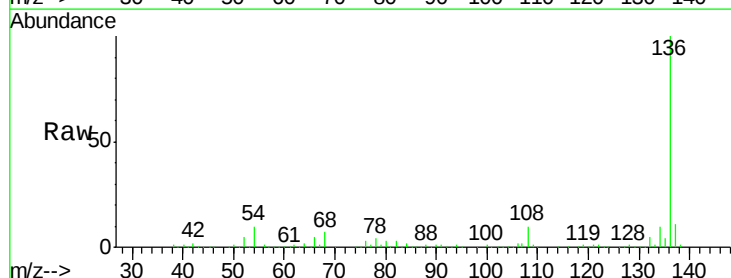
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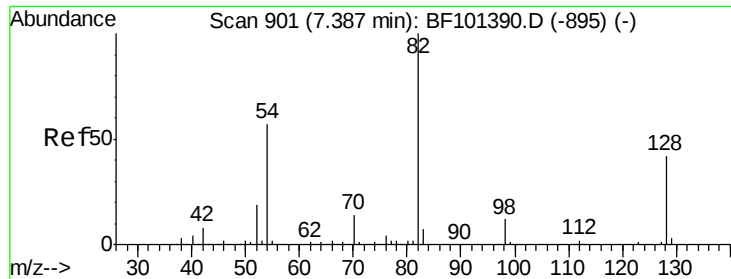
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:	136	Resp:	608809
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.6	6.6	9.8
68	7.1	5.0	7.4





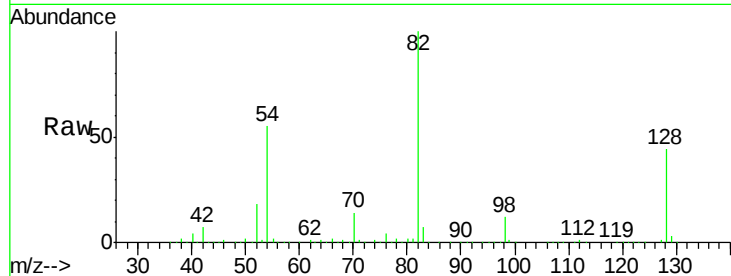
#23
Nitrobenzene-d5
Concen: 88.896 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Instrument :
BNA_F
ClientSampleID :
WC-69-01

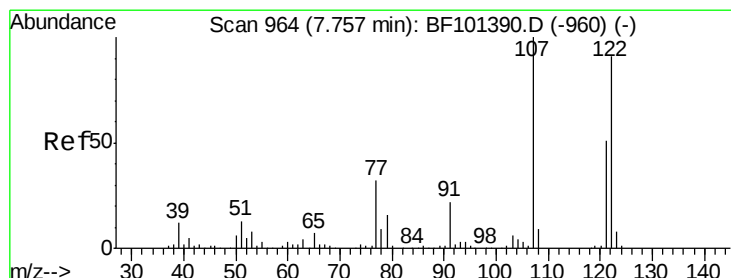
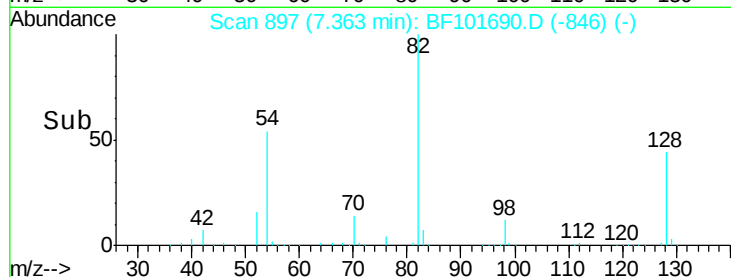
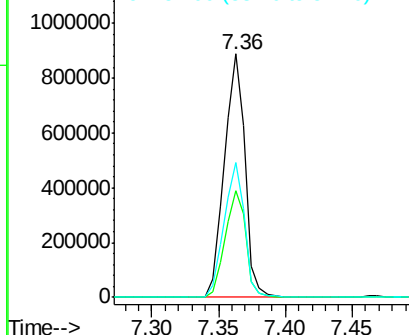
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	972239		
128	43.9	36.1	54.1	
54	55.4	41.4	62.2	

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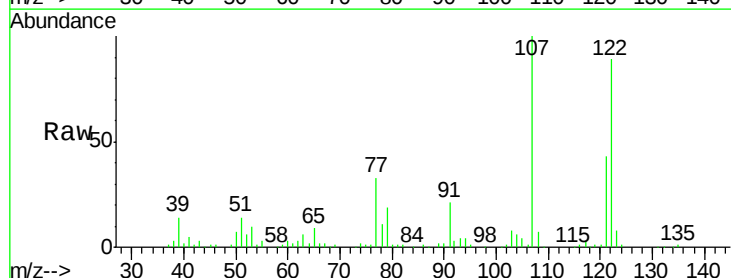


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

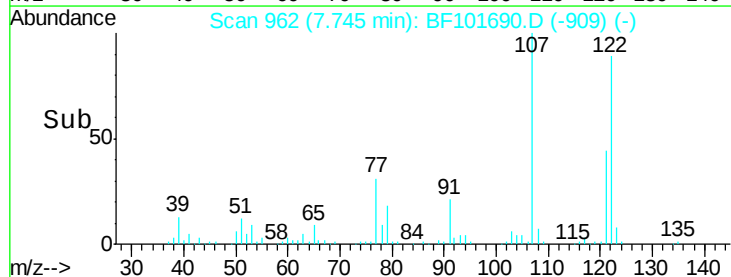
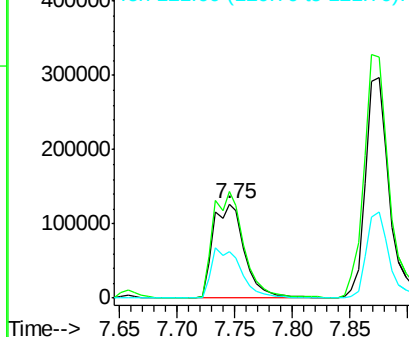


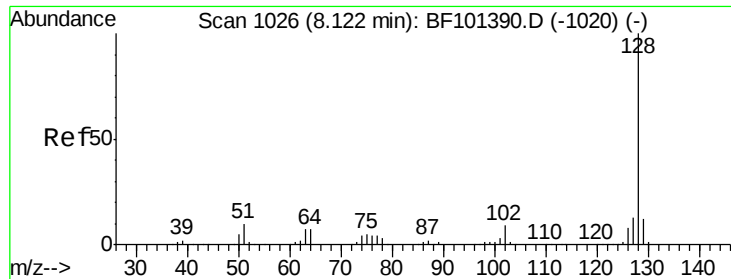
#27
2,4-Dimethylphenol
Concen: 26.963 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	238209		
107	113.0	91.2	136.8	
121	48.8	47.2	70.8	



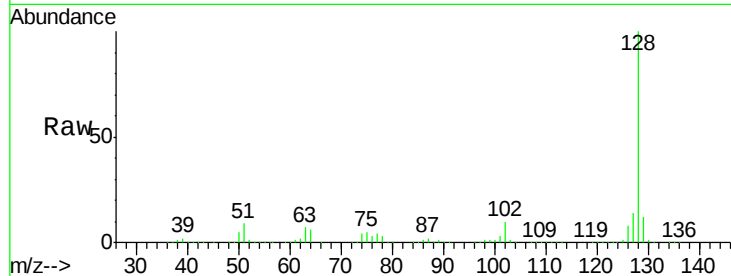
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#31
Naphthalene
Concen: 65.441 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

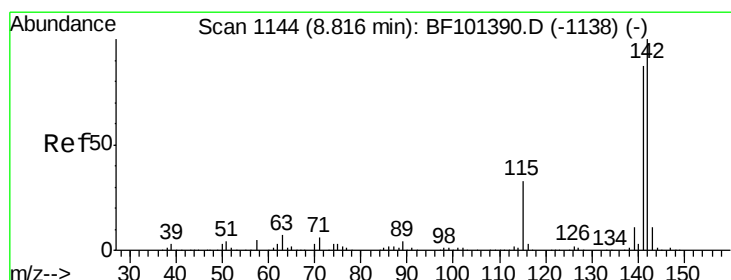
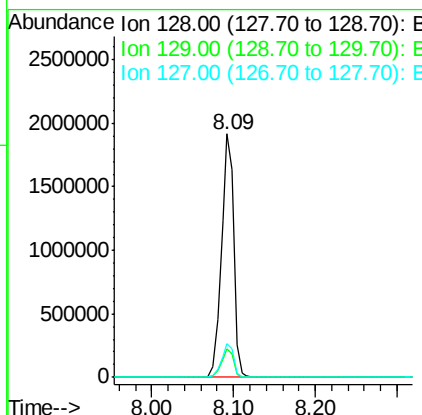
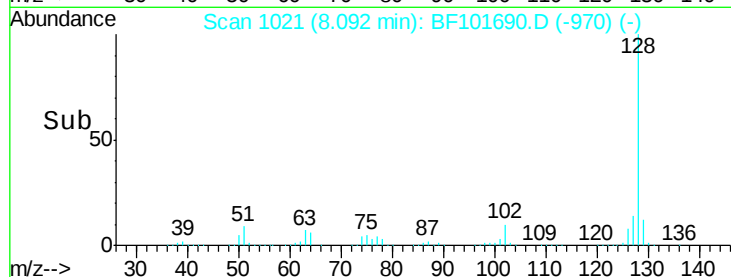
Instrument :
BNA_F
ClientSampleId :
WC-69-01



Tgt Ion:128 Resp: 2005734
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.8 10.9 16.3

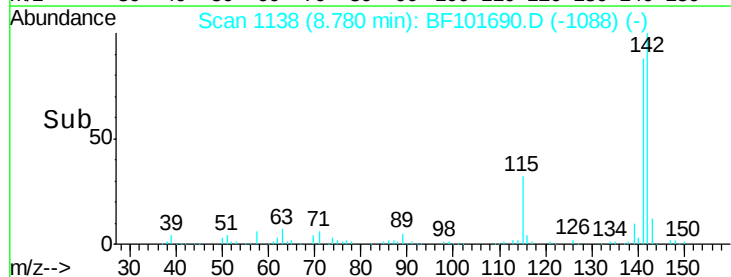
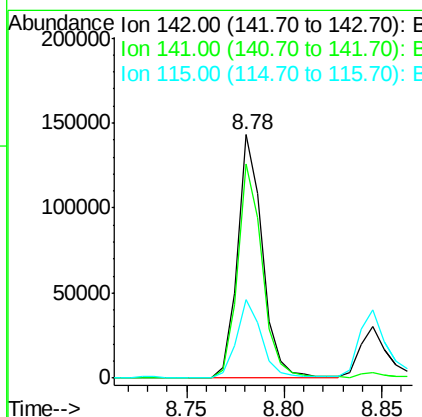
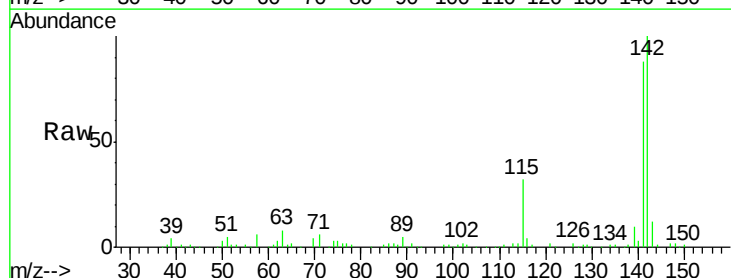
Manual Integrations
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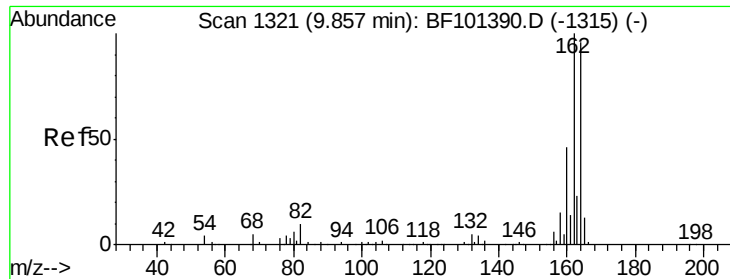
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#37
2-Methylnaphthalene
Concen: 6.369 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:142 Resp: 127180
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2
115 32.0 26.1 39.1





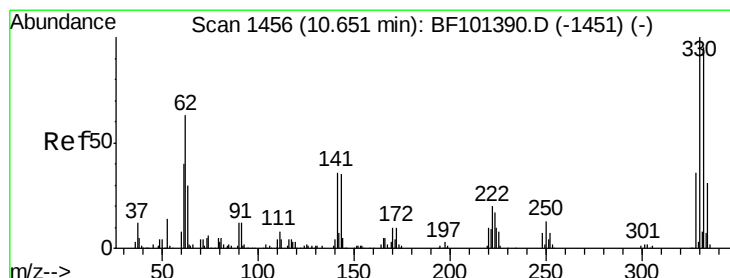
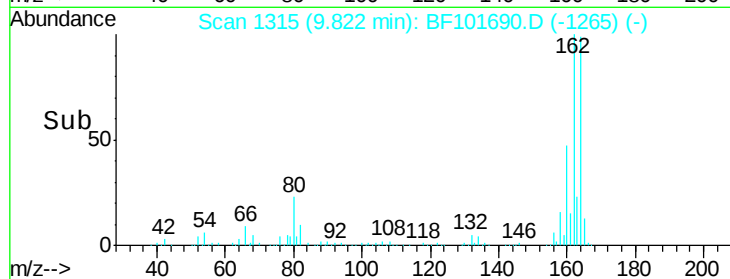
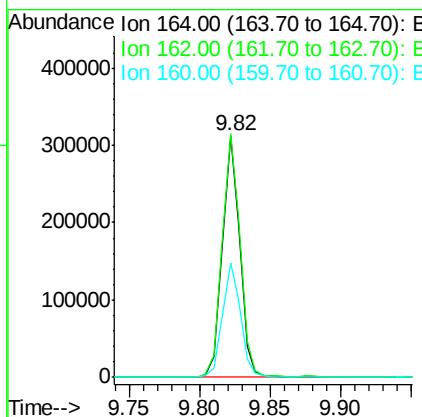
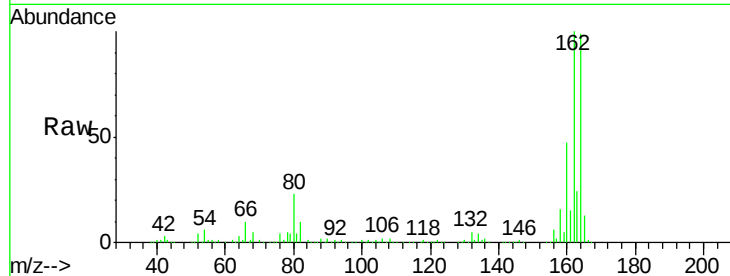
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101690.D
 Acq: 23 Dec 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-69-01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	268396		
162	100.9	86.1	129.1	
160	47.6	38.3	57.5	

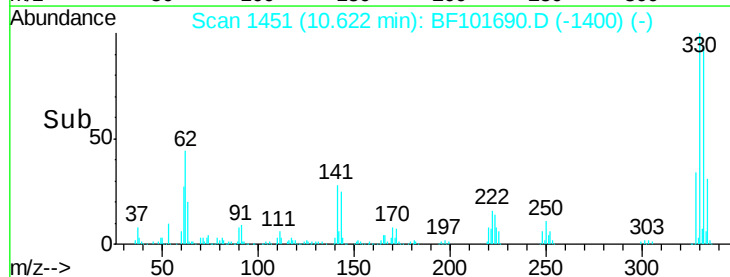
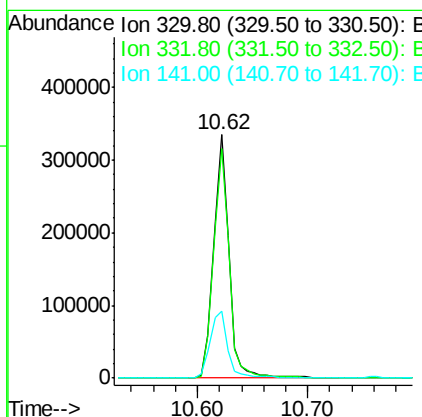
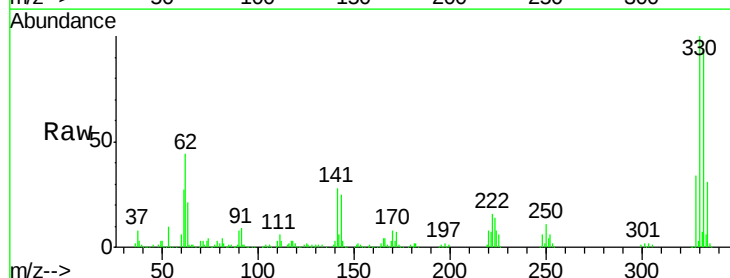
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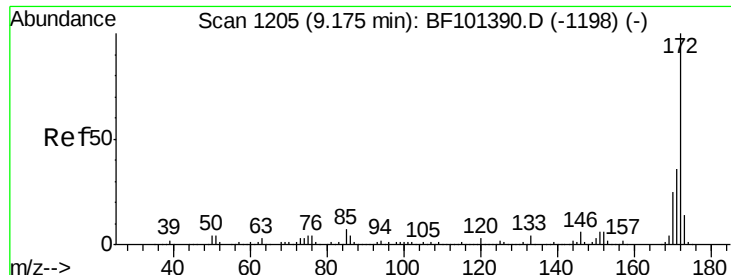
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#41
 2,4,6-Tribromophenol
 Concen: 124.456 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101690.D
 Acq: 23 Dec 2017 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	321868		
332	96.6	77.0	115.6	
141	32.1	29.9	44.9	





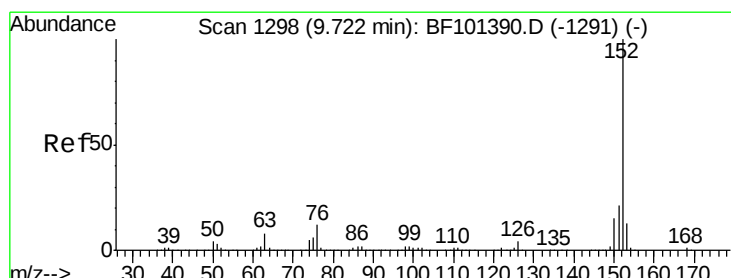
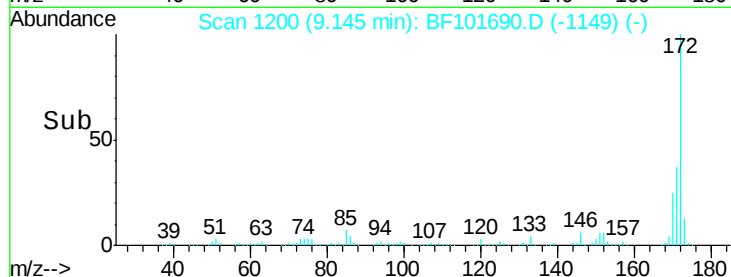
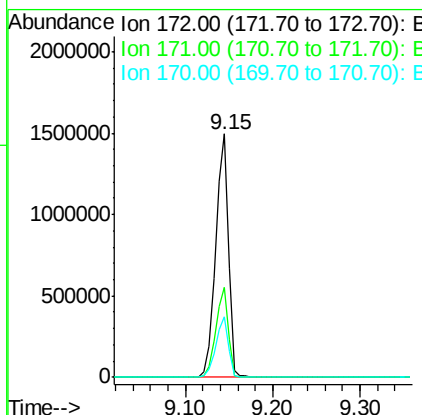
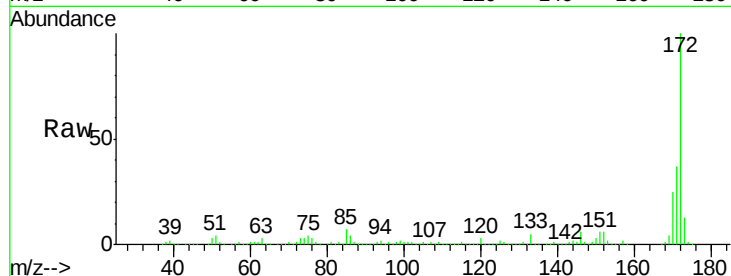
#44
 2-Fluorobiphenyl
 Concen: 87.519 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101690.D
 Acq: 23 Dec 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-69-01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.6	19.6	29.4

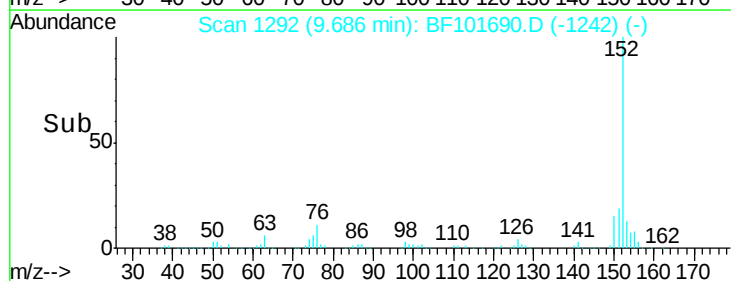
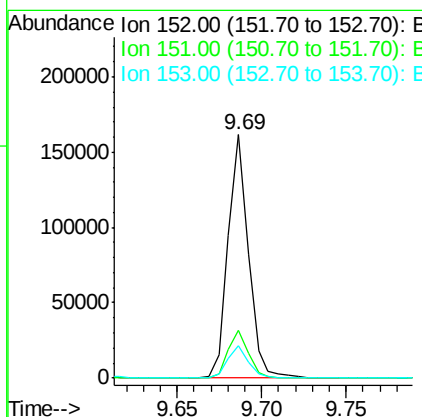
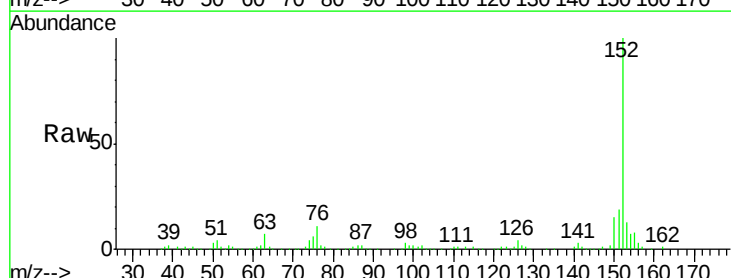
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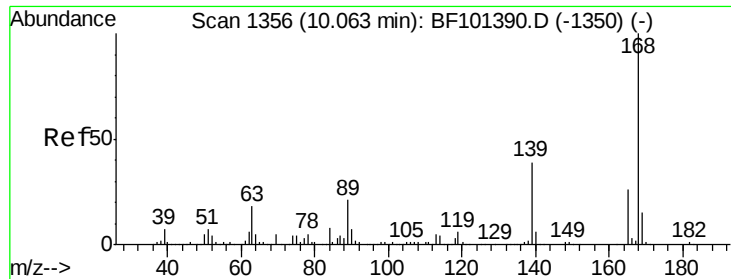
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#48
 Acenaphthylene
 Concen: 4.715 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF101690.D
 Acq: 23 Dec 2017 9:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	13.3	10.7	16.1





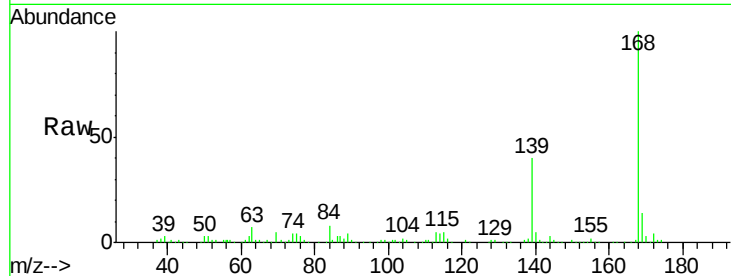
#54
Dibenzofuran
Concen: 6.172 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	135554		
139	40.2	30.1	45.1	
169	13.9	10.9	16.3	

Manual Integrations
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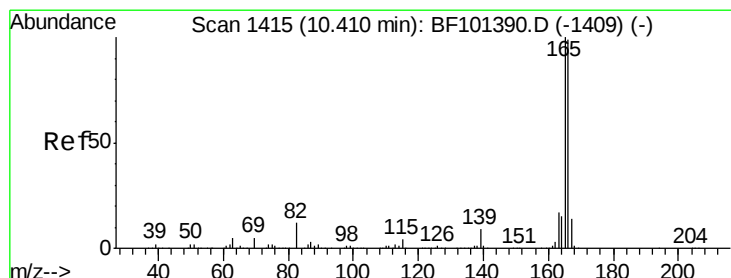
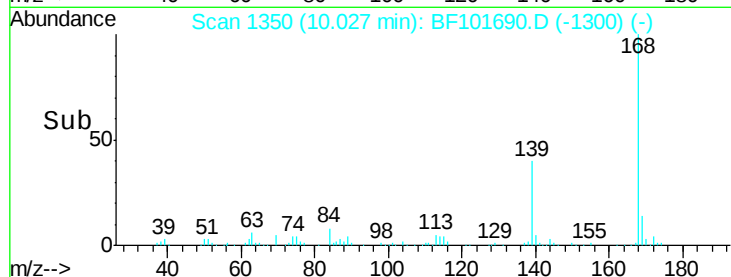
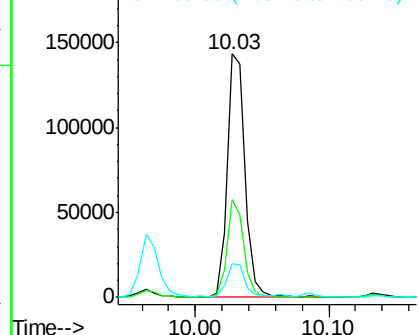


Abundance

Ion 168.00 (167.70 to 168.70): E

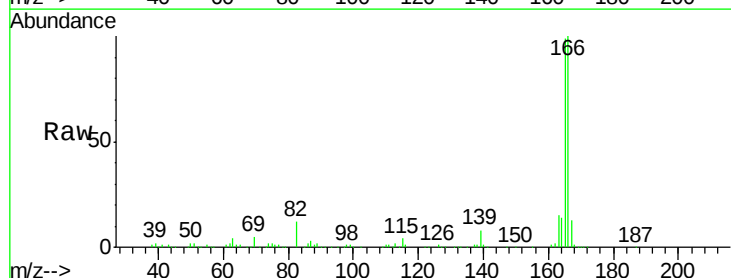
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57
Fluorene
Concen: 10.206 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	189632		
165	98.6	79.8	119.8	
167	13.1	10.6	16.0	

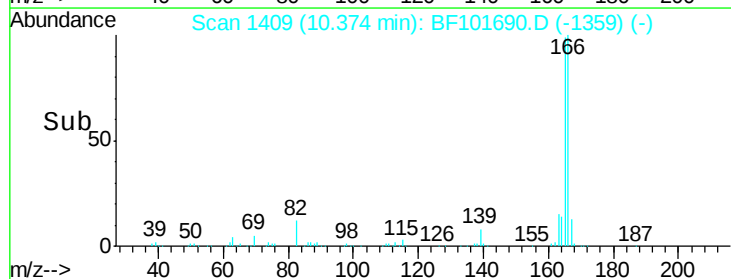
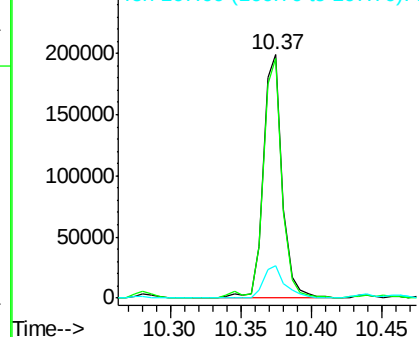


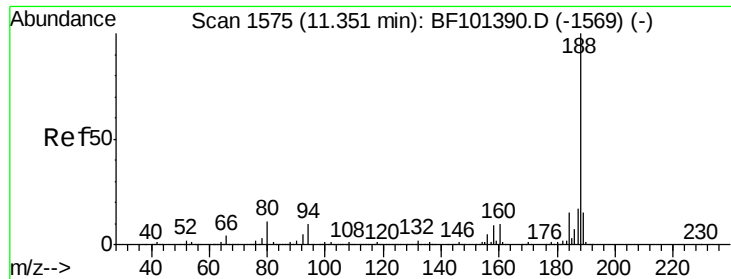
Abundance

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





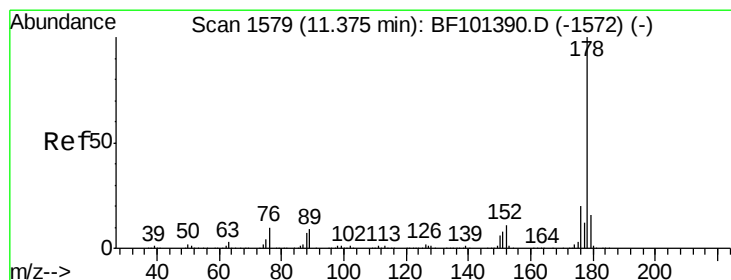
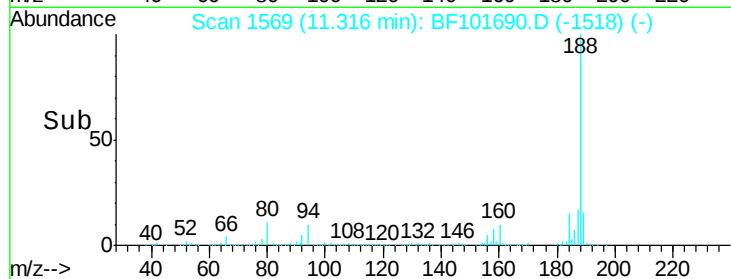
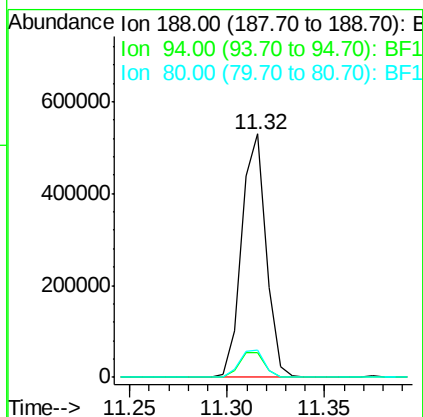
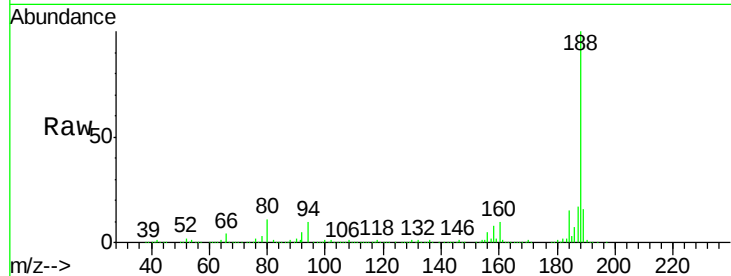
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8

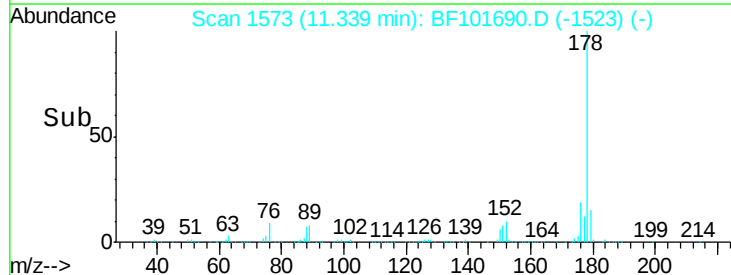
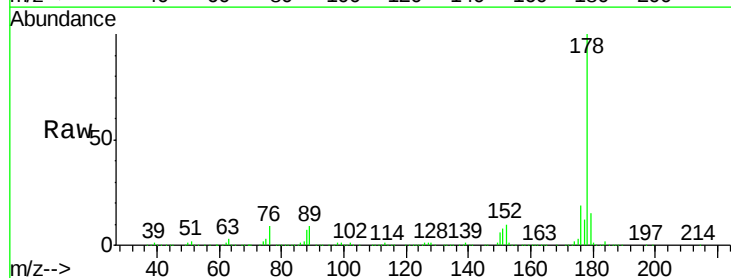
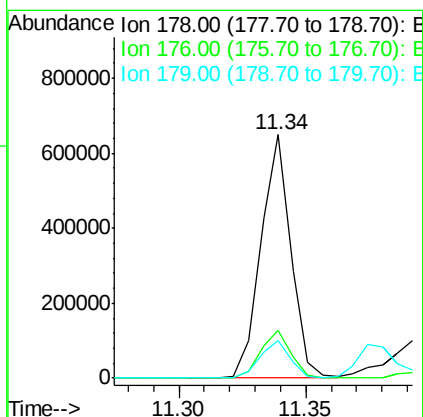
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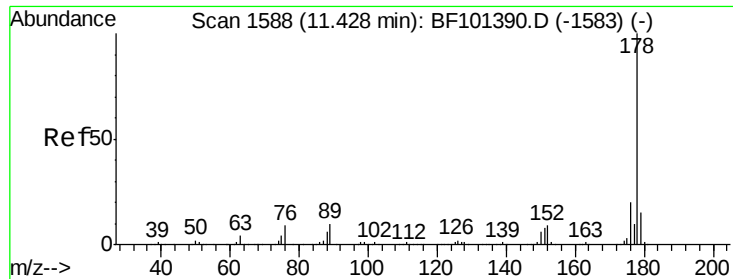
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#70
Phenanthrene
Concen: 21.077 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.4	15.8	23.8
179	15.4	13.0	19.6





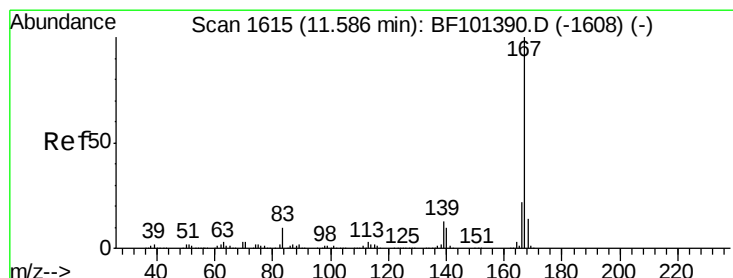
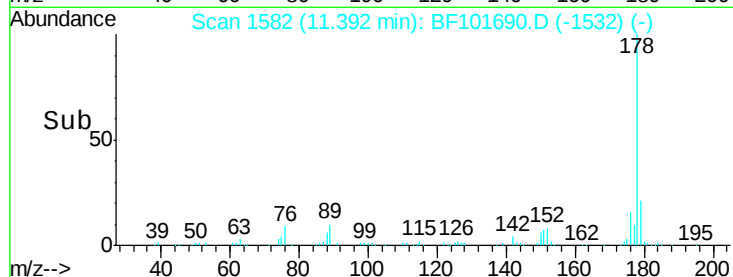
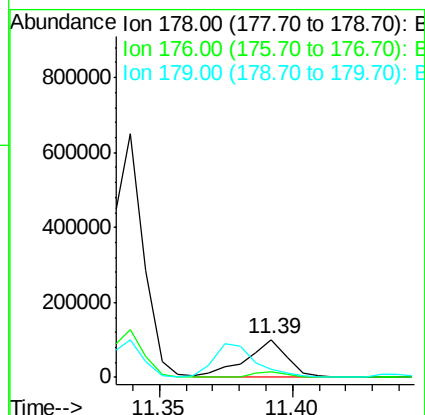
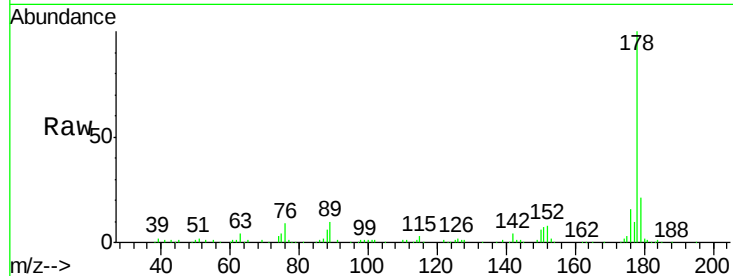
#71
 Anthracene
 Concen: 4.143 ng m
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF101690.D
 Acq: 23 Dec 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-69-01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.3	15.4	23.2
179	20.9	12.6	19.0

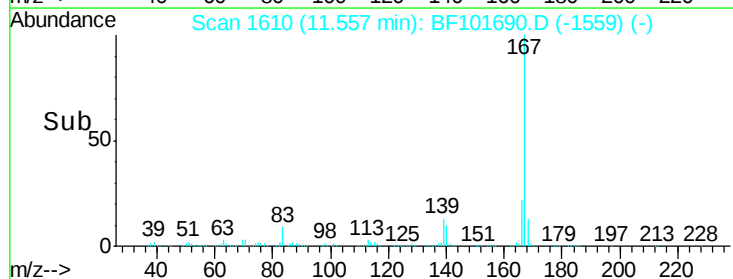
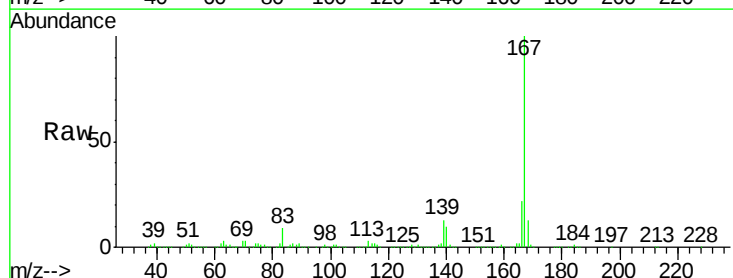
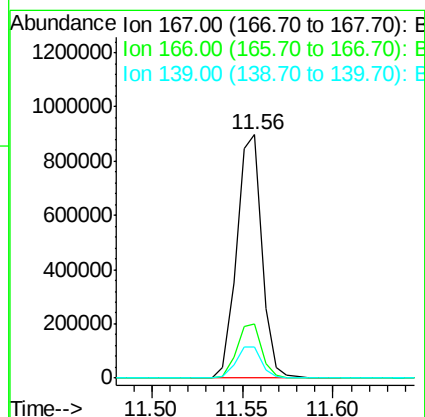
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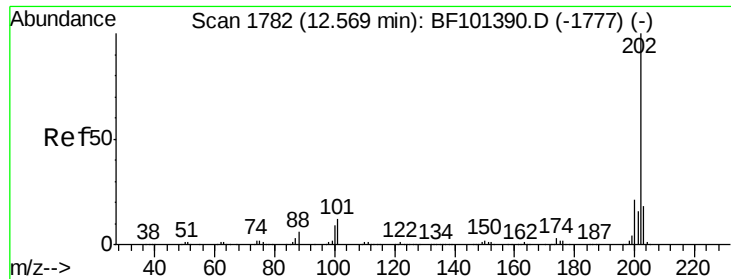
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#72
 Carbazole
 Concen: 35.532 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101690.D
 Acq: 23 Dec 2017 9:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	12.7	10.9	16.3





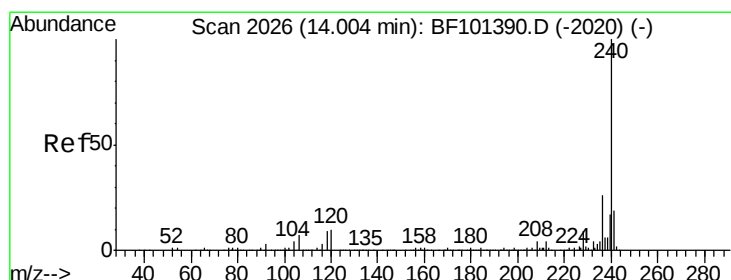
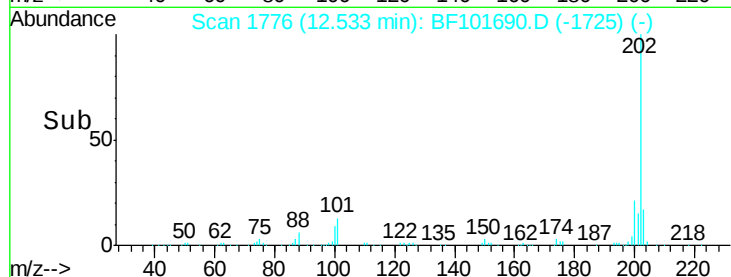
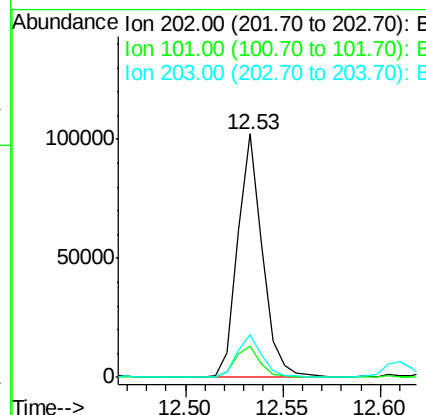
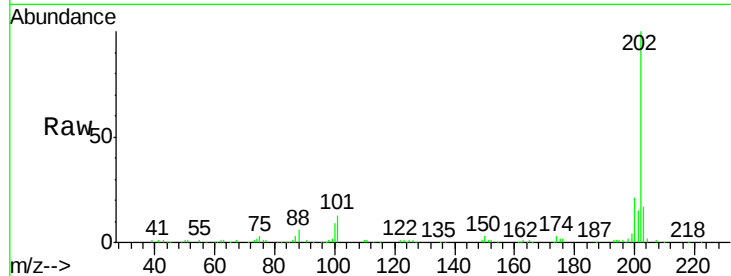
#74
Fluoranthene
Concen: 3.355 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	0.0	34.1
203	17.3	0.0	38.1

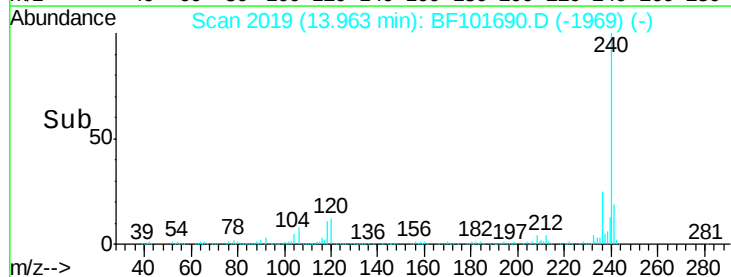
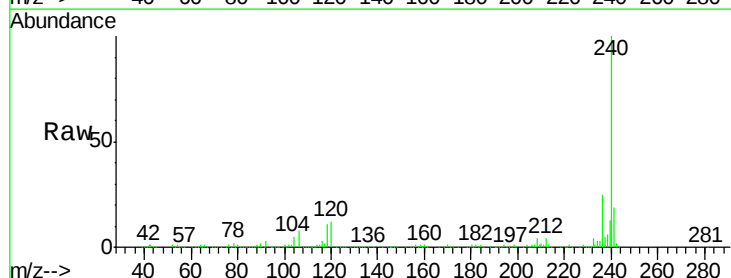
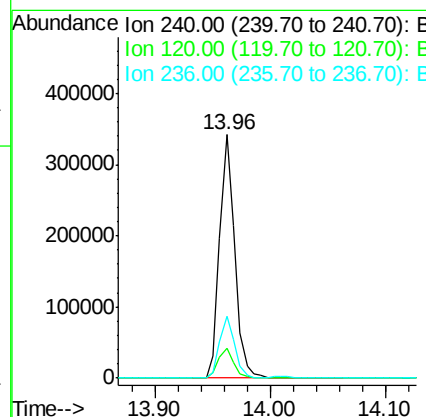
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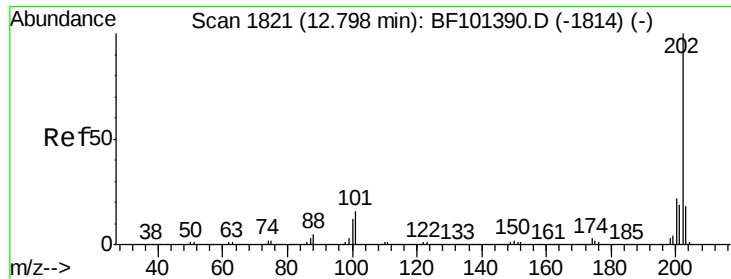
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.1	9.5	14.3
236	25.4	20.7	31.1





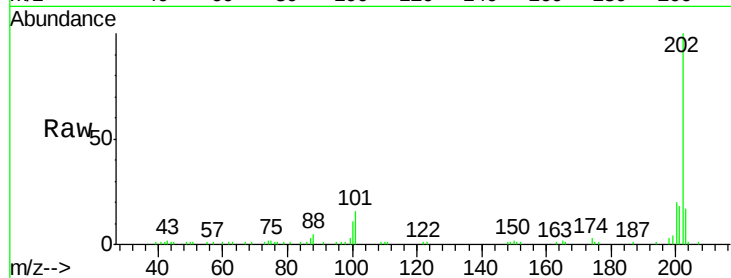
#77
 Pyrene
 Concen: 2.322 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF101690.D
 Acq: 23 Dec 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-69-01

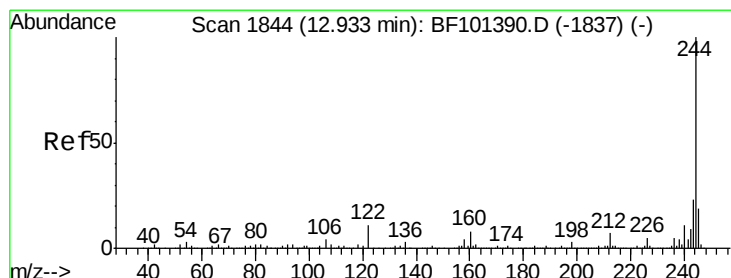
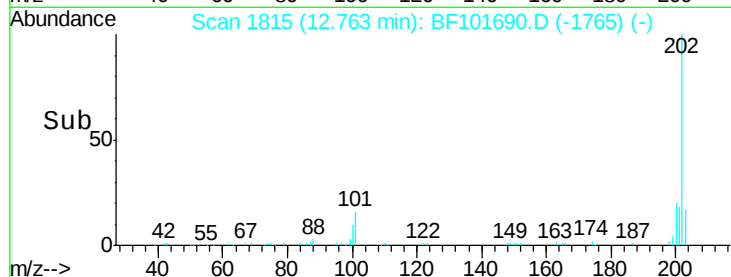
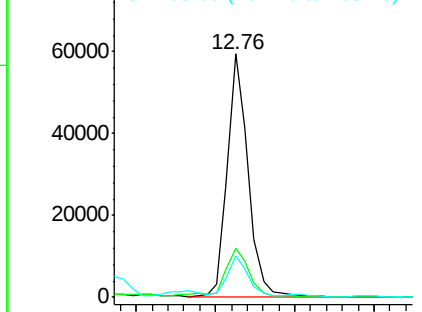
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.2	14.3	21.5

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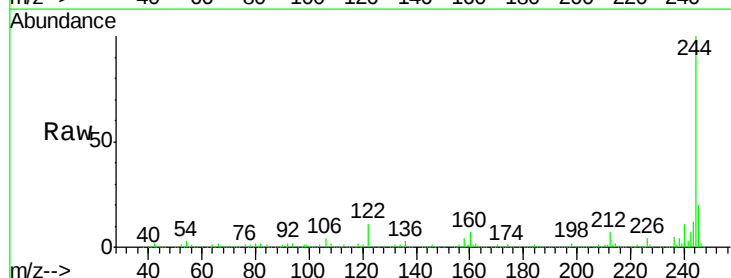


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

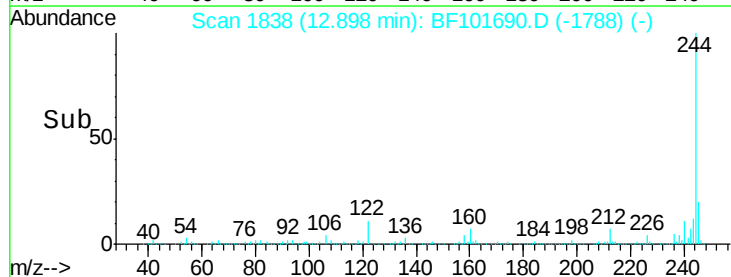
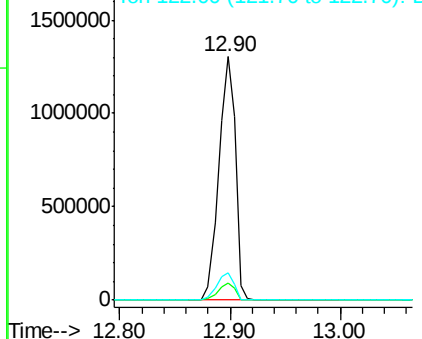


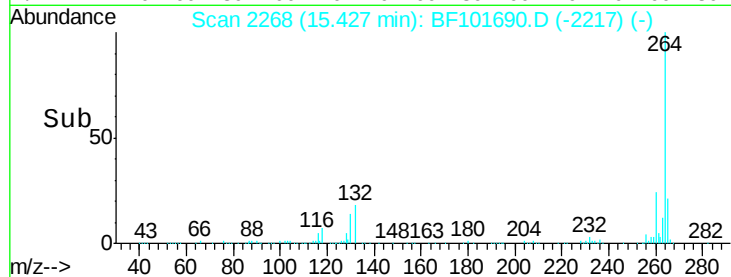
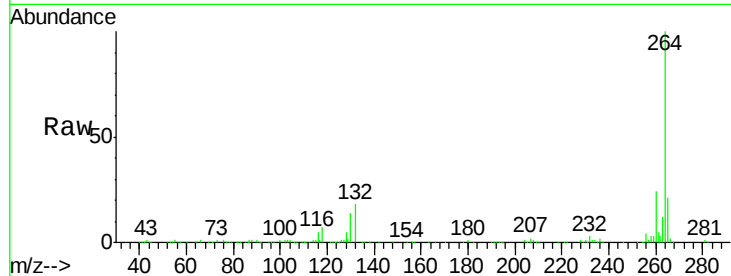
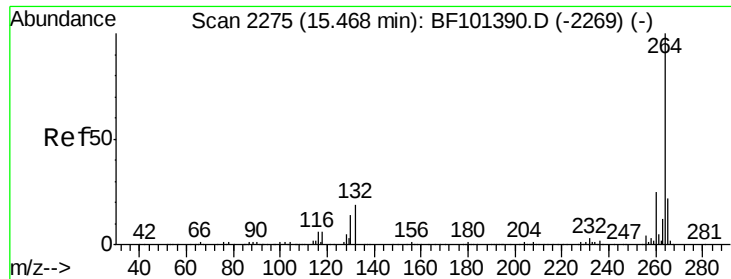
#78
 Terphenyl-d14
 Concen: 104.822 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF101690.D
 Acq: 23 Dec 2017 9:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.3	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	286694		
260	24.2	19.2	28.8	
265	21.2	17.5	26.3	

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