

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101712.D
 Acq On : 26 Dec 2017 13:45
 Operator : SJ/JU
 Sample : I6838-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7317-01DL

Manual Integrations
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Quant Time: Dec 26 14:38:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	138169	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	538263	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	236941	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	417385	20.00	ng	0.00
75) Chrysene-d12	13.97	240	326907	20.00	ng	0.00
86) Perylene-d12	15.43	264	293158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	300184	32.36	ng	0.01
7) Phenol-d6	6.43	99	337051	29.20	ng	0.00
23) Nitrobenzene-d5	7.36	82	233224	24.12	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	83095	36.40	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	445168	29.14	ng	0.00
78) Terphenyl-d14	12.89	244	403925	29.79	ng	0.00
Target Compounds						
10) Phenol	6.45	94	1010202	76.778	ng	99
17) 2-Methylphenol	7.05	107	176056	19.615	ng	99
20) 3+4-Methylphenols	7.21	107	537692	56.533	ng	85
27) 2,4-Dimethylphenol	7.75	122	85965	11.006	ng	99
31) Naphthalene	8.10	128	2116659	78.111	ng	99
37) 2-Methylnaphthalene	8.79	142	69309	3.926	ng	98
48) Acenaphthylene	9.69	152	61835	2.435	ng	98
54) Dibenzofuran	10.03	168	42257	2.179	ng	97
57) Fluorene	10.37	166	33697	2.054	ng	# 97
70) Phenanthrene	11.34	178	49800	2.145	ng	97
72) Carbazole	11.56	167	154882	6.977	ng	98

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

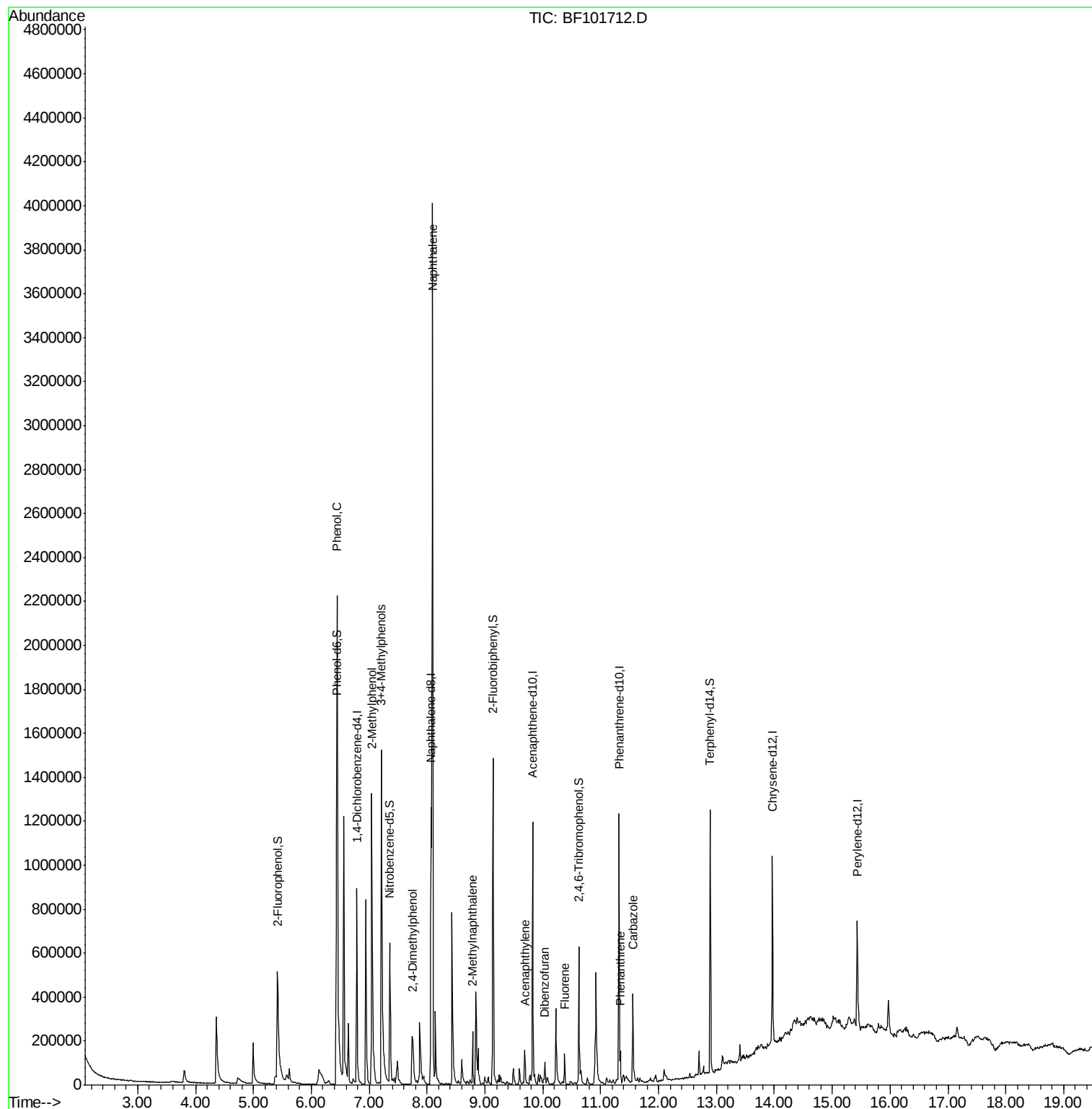
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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ALS Vial : 11 Sample Multiplier: 1

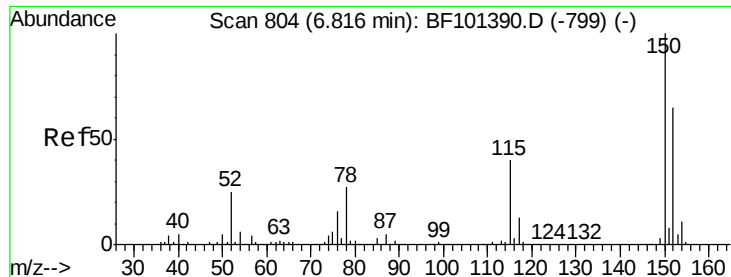
Instrument :
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Quant Time: Dec 26 14:38:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

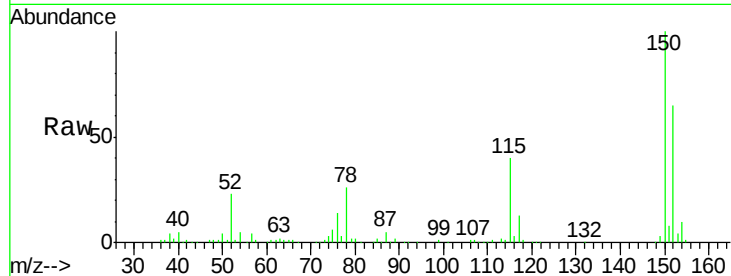




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

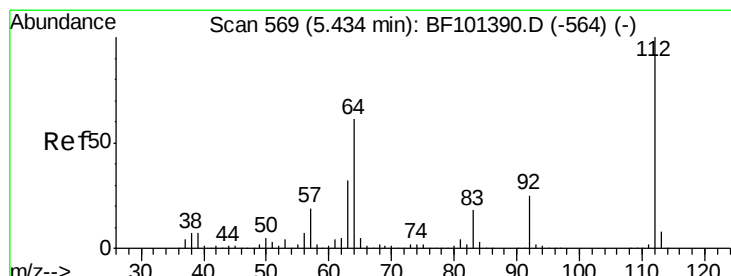
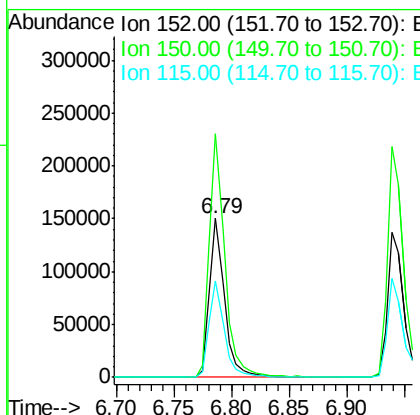
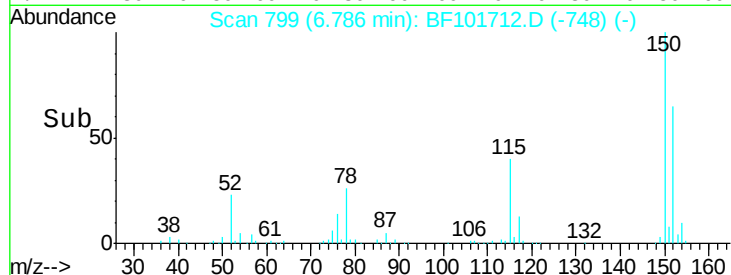
Instrument :
BNA_F
ClientSampleId :
WC-7317-01DL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	60.5	50.1	75.1

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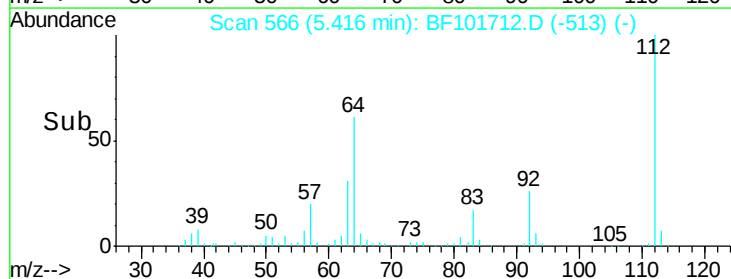
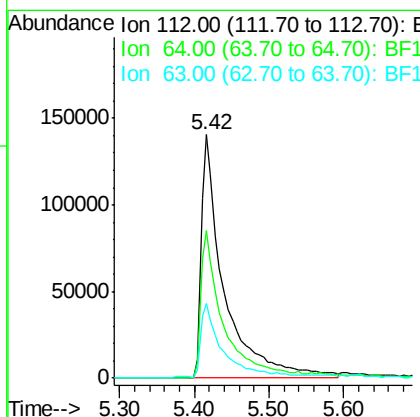
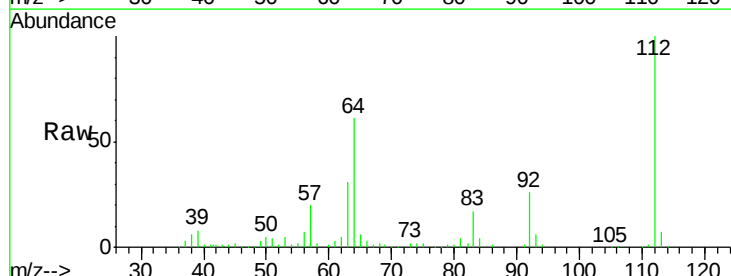
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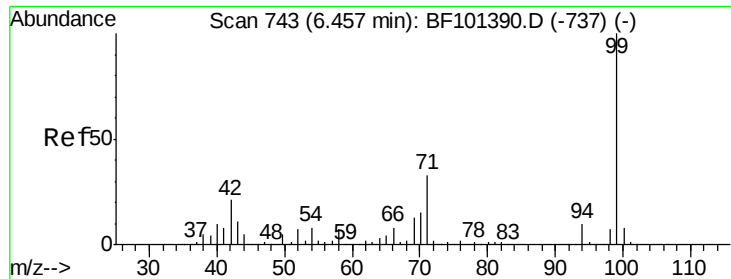


#5

2-Fluorophenol
Concen: 32.362 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 29.197 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101712.D

Acq: 26 Dec 2017 13:45

Instrument :

BNA_F

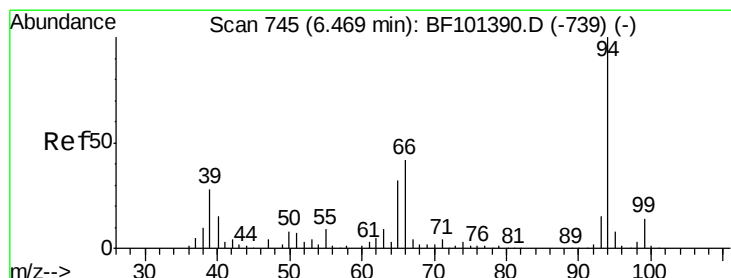
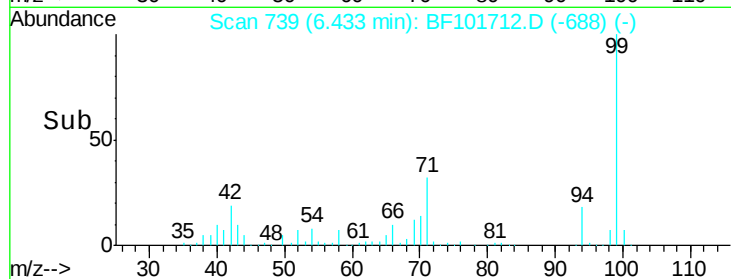
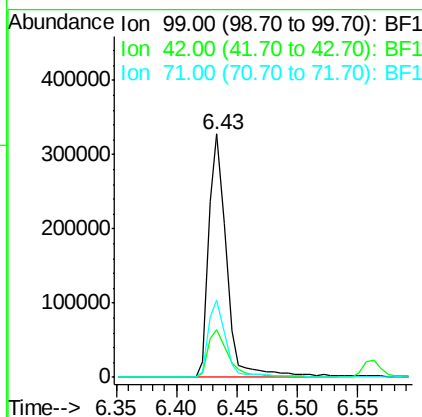
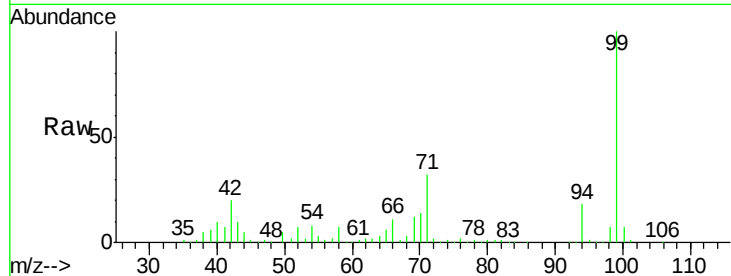
ClientSampleId :

WC-7317-01DL

Tgt Ion:	99	Resp:	337051
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	31.8	25.4	38.0

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#10

Phenol

Concen: 76.778 ng

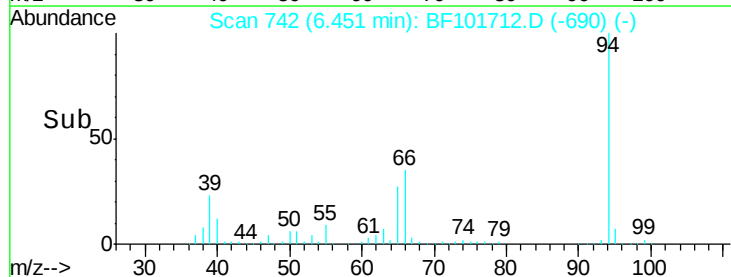
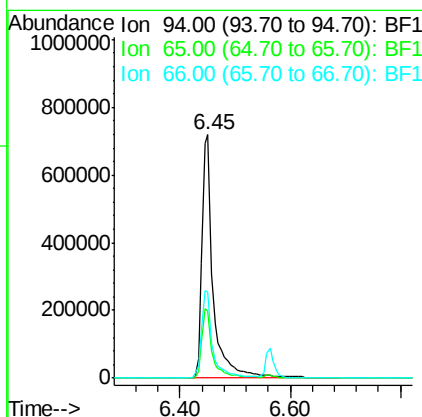
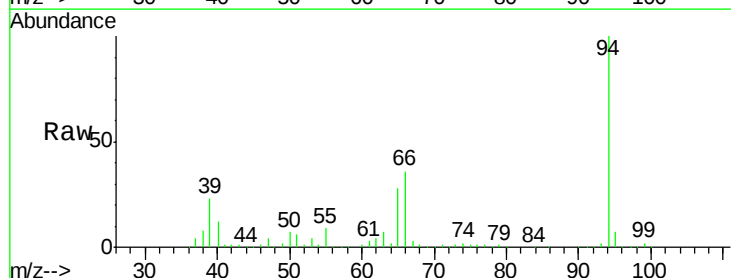
RT: 6.45 min Scan# 742

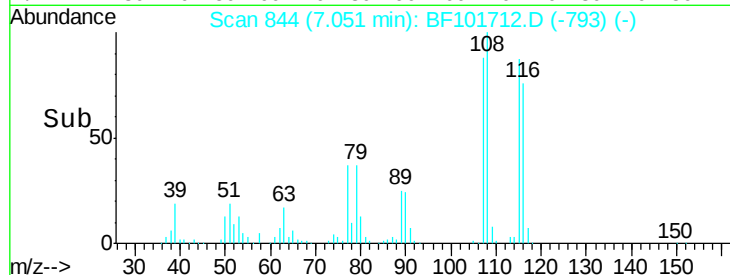
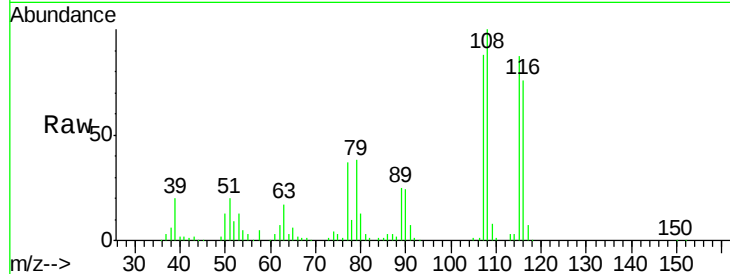
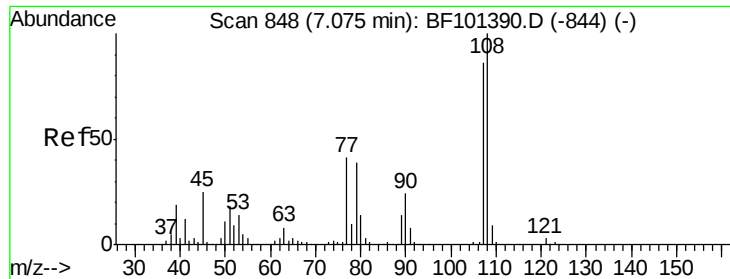
Delta R.T. 0.01 min

Lab File: BF101712.D

Acq: 26 Dec 2017 13:45

Tgt Ion:	94	Resp:	1010202
Ion Ratio	Lower	Upper	
94	100		
65	27.8	7.9	47.9
66	35.5	16.2	56.2





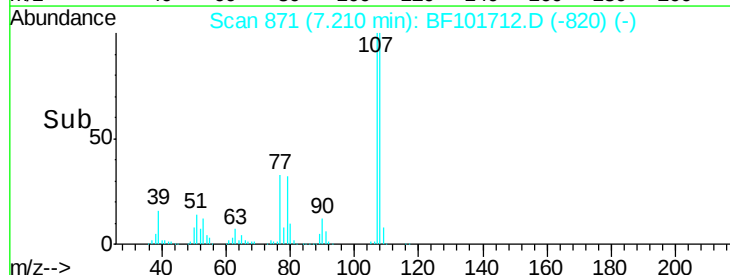
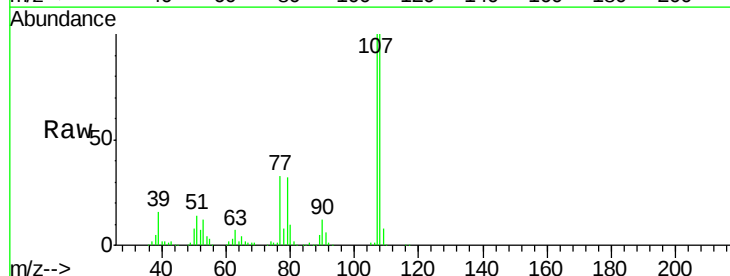
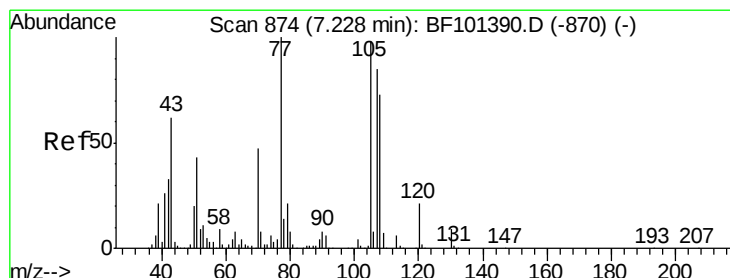
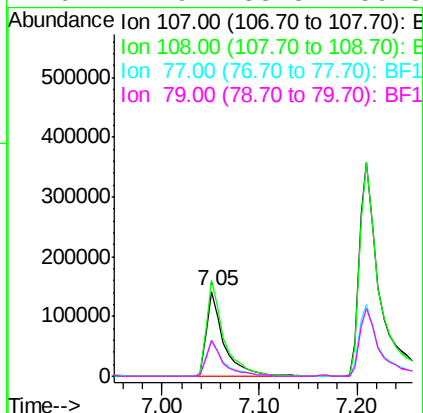
#17
2-Methylphenol
Concen: 19.615 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	176056		
108	113.6	91.7	137.5	
77	42.5	33.8	50.8	
79	42.9	33.8	50.8	

Instrument :
BNA_F
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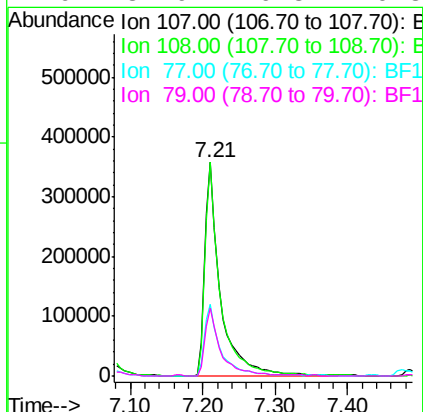
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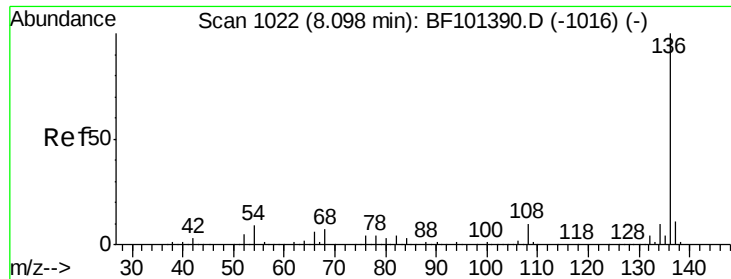
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#20
3+4-Methylphenols
Concen: 56.533 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	537692		
108	100.2	68.2	108.2	
77	33.4	26.7	66.7	
79	31.9	6.3	46.3	





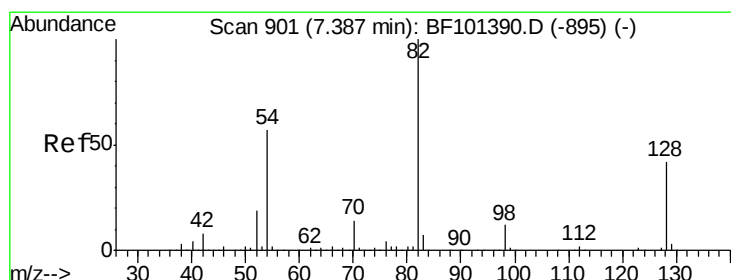
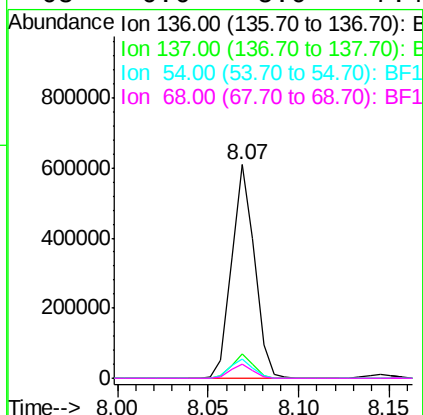
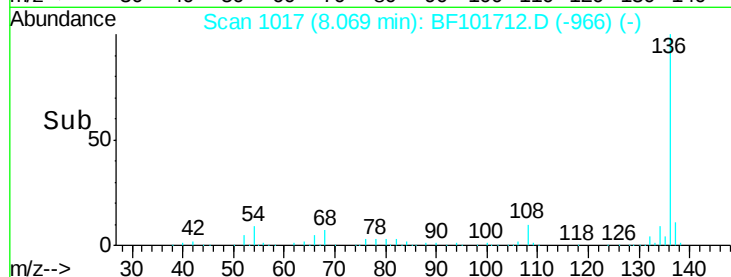
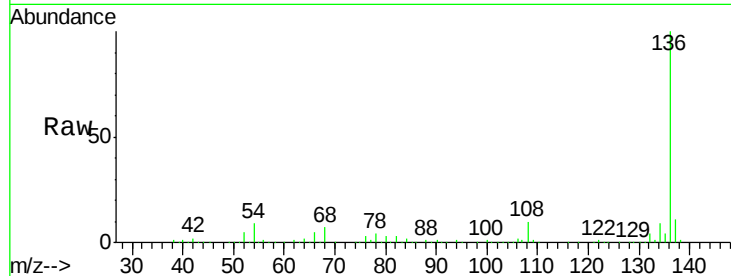
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Instrument :
BNA_F
ClientSampleId :
WC-7317-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	538263		
137	11.1	8.9	13.3	
54	9.0	6.6	9.8	
68	6.6	5.0	7.4	

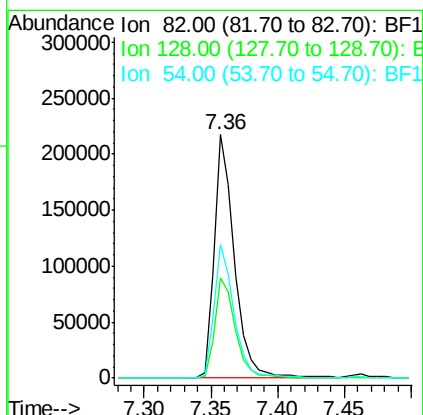
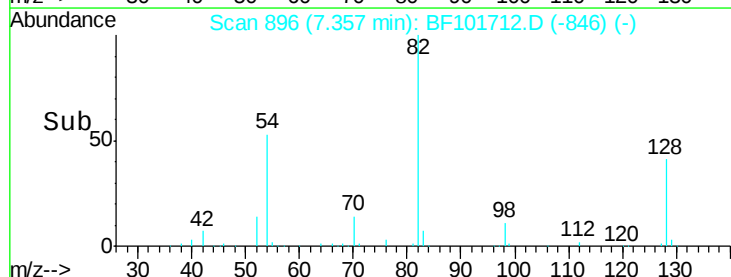
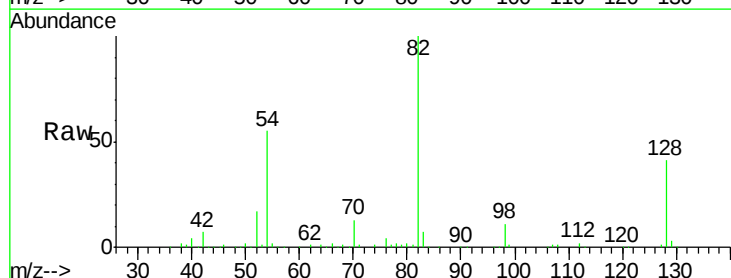
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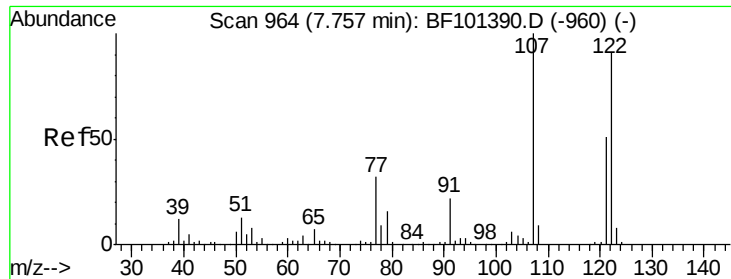
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#23
Nitrobenzene-d5
Concen: 24.119 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	233224		
128	41.2	36.1	54.1	
54	54.6	41.4	62.2	





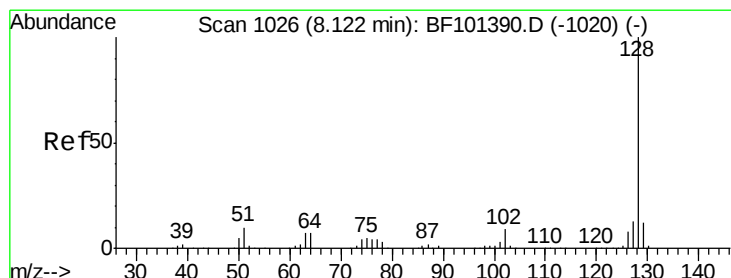
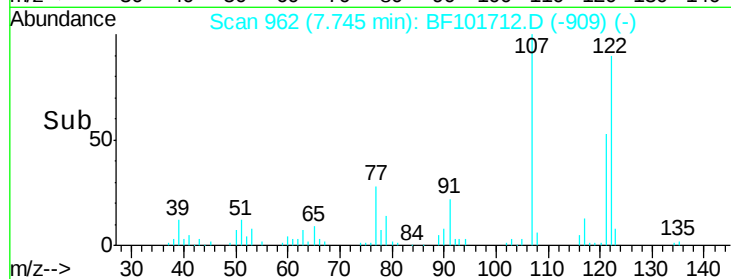
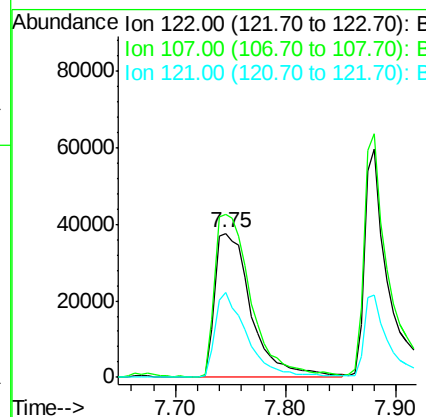
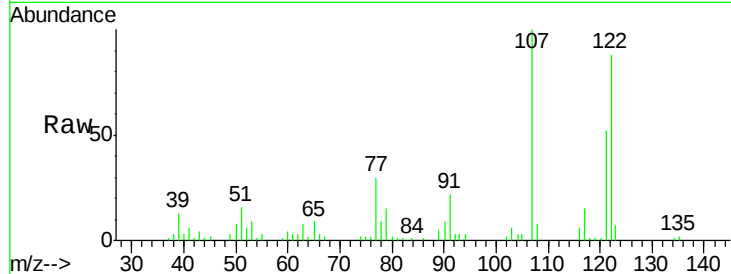
#27
2,4-Dimethylphenol
Concen: 11.006 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Instrument :
BNA_F
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Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.1	91.2	136.8
121	59.0	47.2	70.8

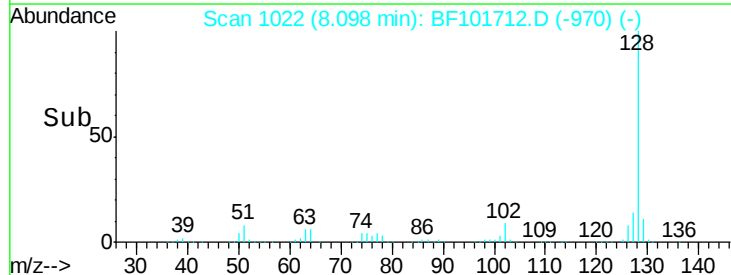
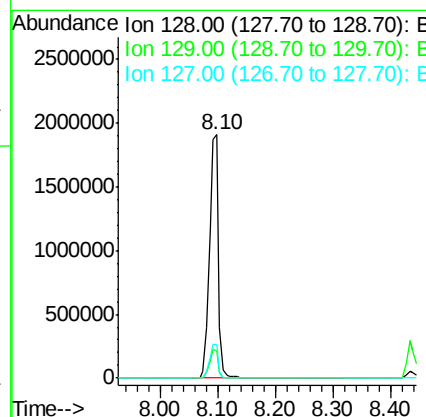
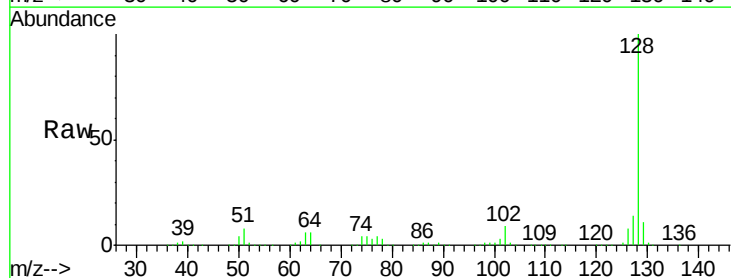
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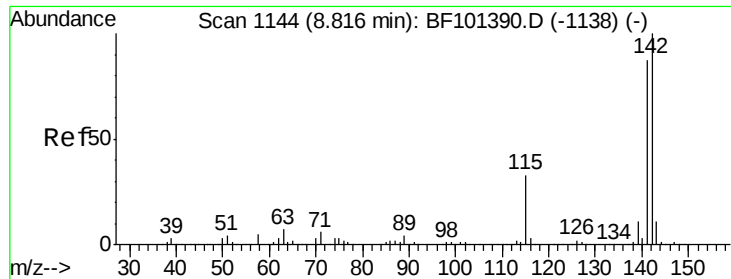
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#31
Naphthalene
Concen: 78.111 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.0	10.9	16.3





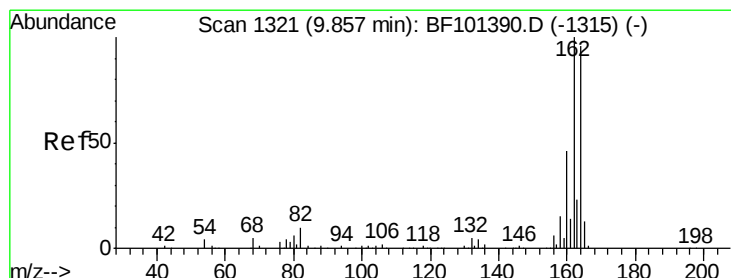
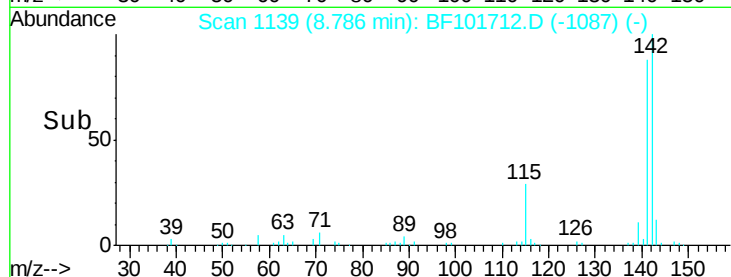
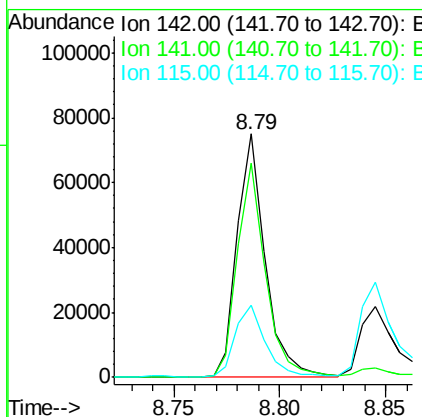
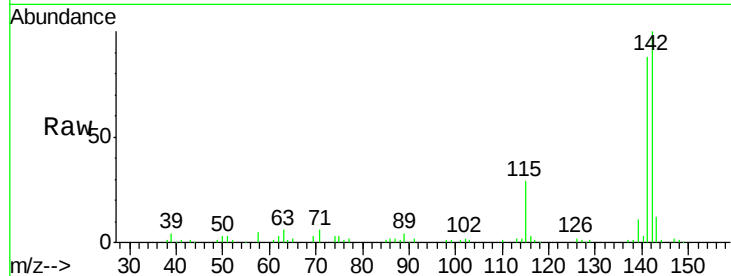
#37
 2-Methylnaphthalene
 Concen: 3.926 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF101712.D
 Acq: 26 Dec 2017 13:45

Instrument :
 BNA_F
 ClientSampleID :
 WC-7317-01DL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2
115	29.5	26.1	39.1

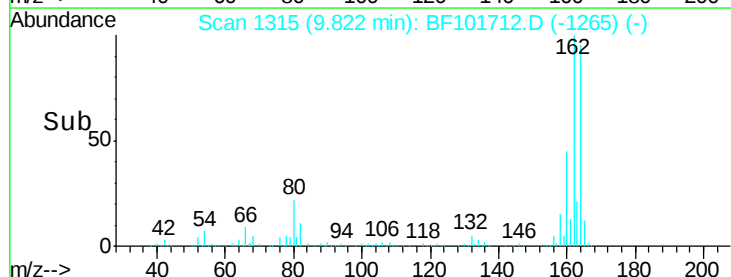
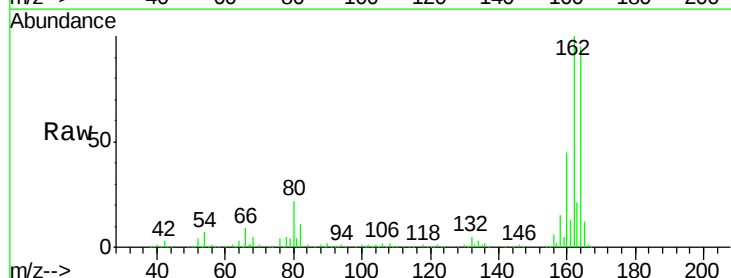
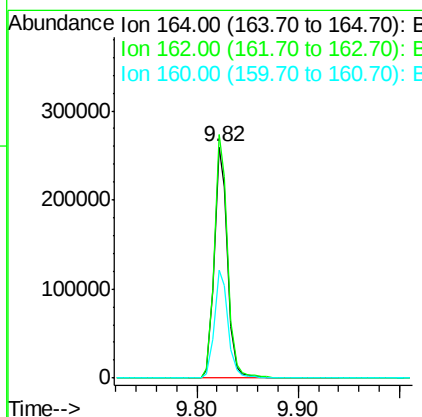
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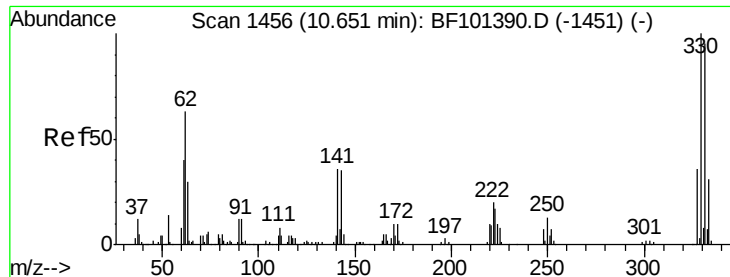
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101712.D
 Acq: 26 Dec 2017 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.8	38.3	57.5





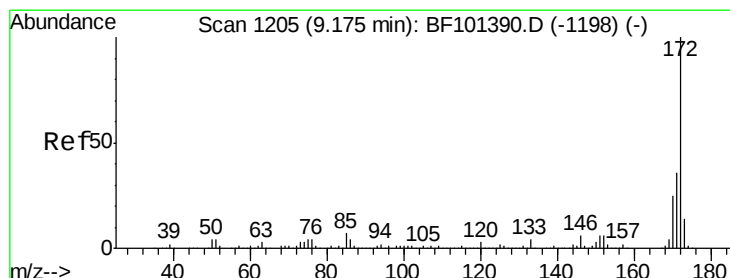
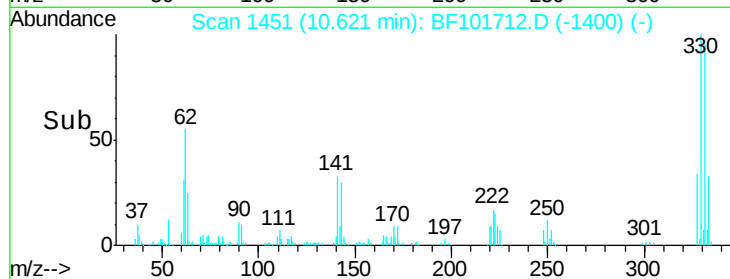
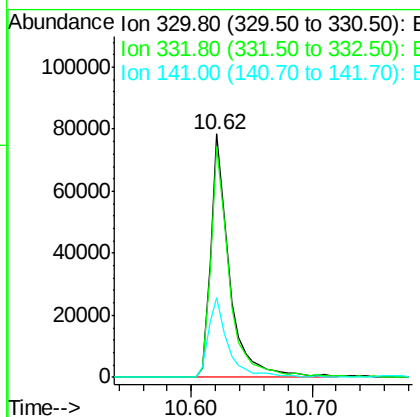
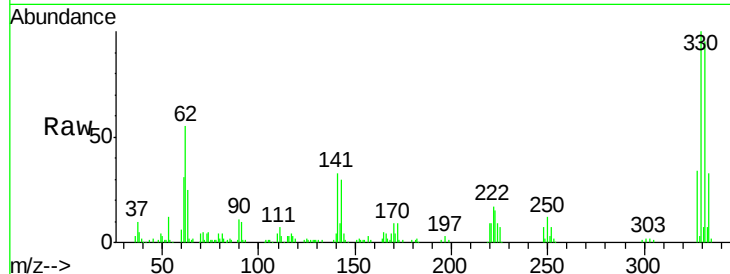
#41
 2,4,6-Tribromophenol
 Concen: 36.396 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101712.D
 Acq: 26 Dec 2017 13:45

Instrument :
 BNA_F
 ClientSampleID :
 WC-7317-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	83095		
332	95.7	77.0	115.6	
141	35.1	29.9	44.9	

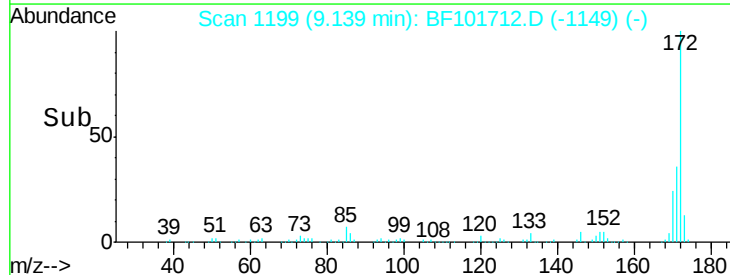
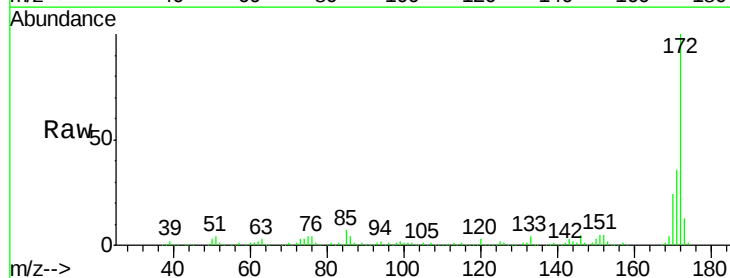
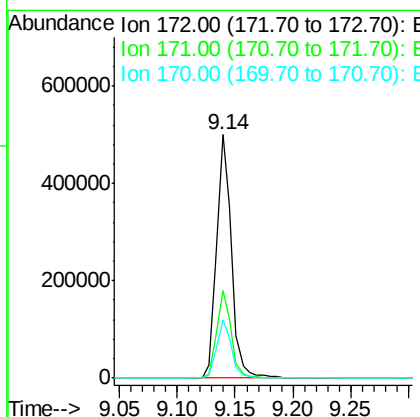
Manual Integrations
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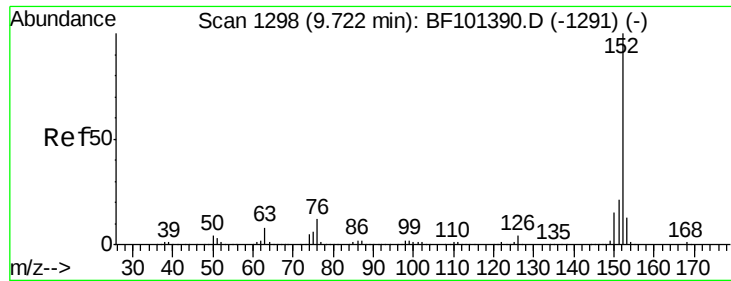
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#44
 2-Fluorobiphenyl
 Concen: 29.145 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101712.D
 Acq: 26 Dec 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	445168		
171	36.1	29.7	44.5	
170	23.7	19.6	29.4	





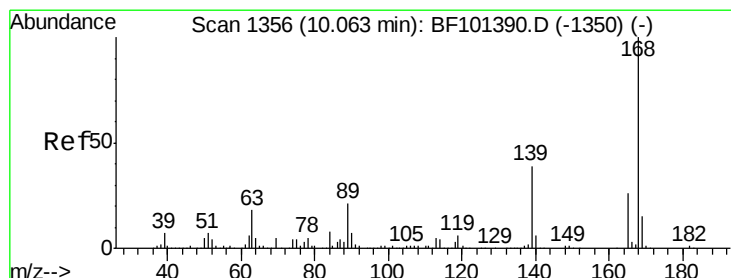
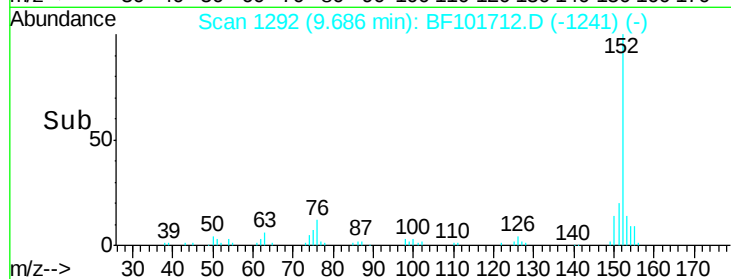
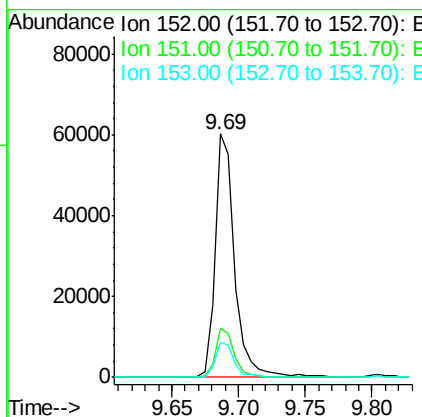
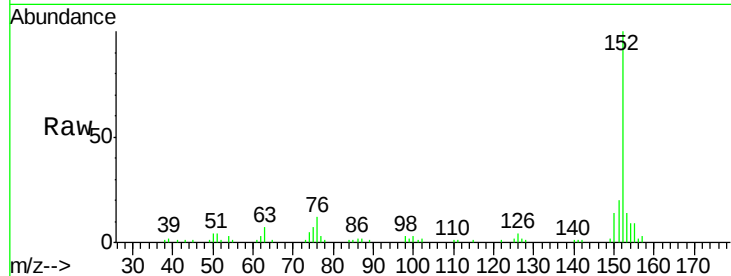
#48
Acenaphthylene
Concen: 2.435 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Instrument :
BNA_F
ClientSampleId :
WC-7317-01DL

Tgt Ion:	152	Resp:	61835
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.3	24.5
153	14.5	10.7	16.1

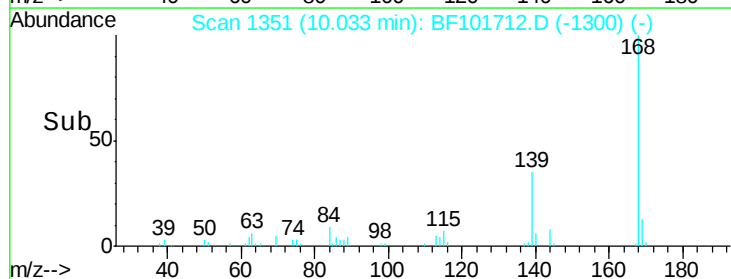
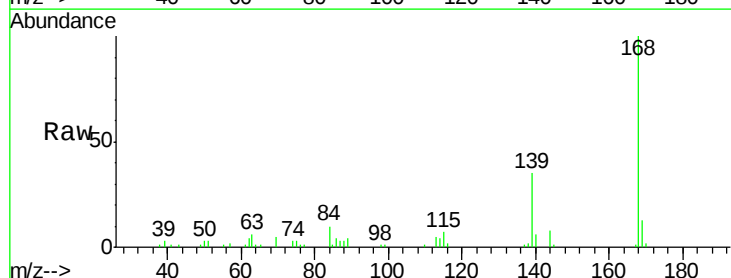
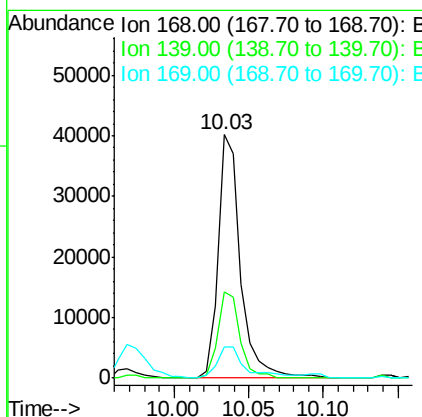
Manual Integrations
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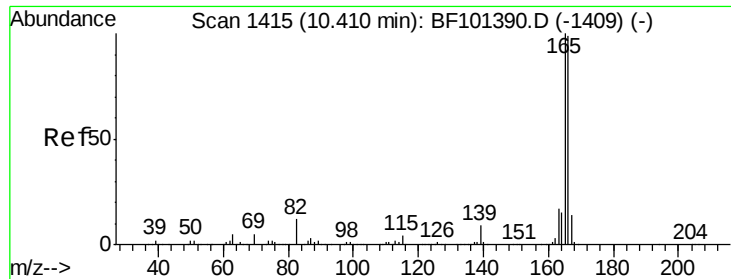
Sohil
12/27/2017 4:14:27 PM



#54
Dibenzofuran
Concen: 2.179 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Tgt Ion:	168	Resp:	42257
Ion Ratio	Lower	Upper	
168	100		
139	35.3	30.1	45.1
169	13.0	10.9	16.3





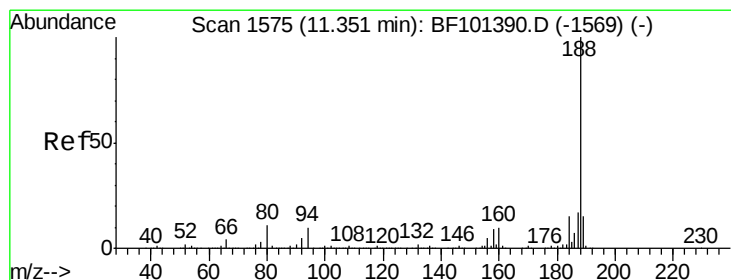
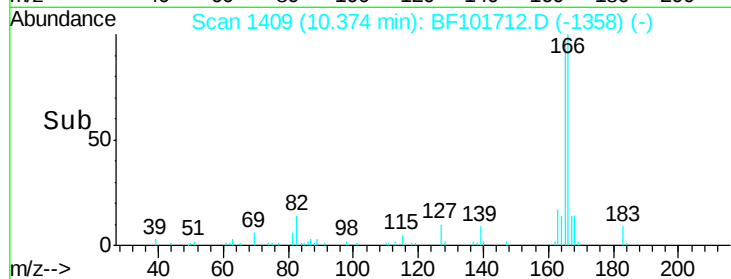
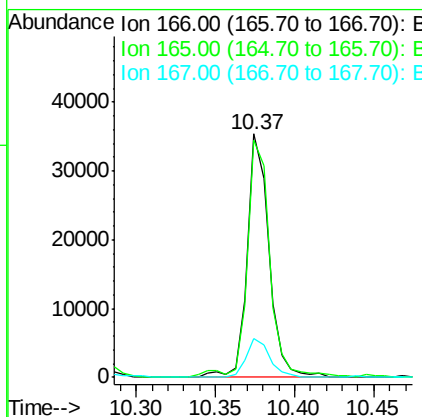
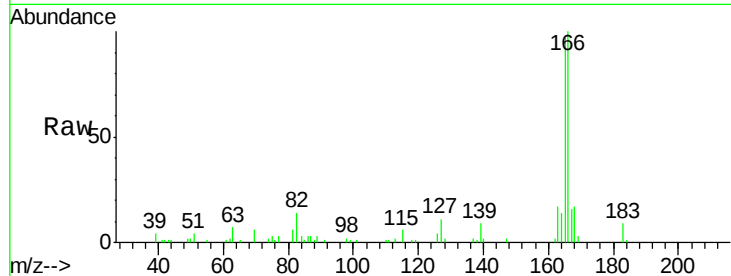
#57
Fluorene
 Concen: 2.054 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF101712.D
 Acq: 26 Dec 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 WC-7317-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	33697		
165	97.4	79.8	119.8	
167	16.0	10.6	16.0#	

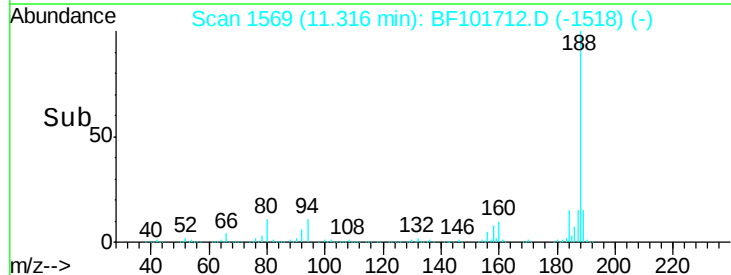
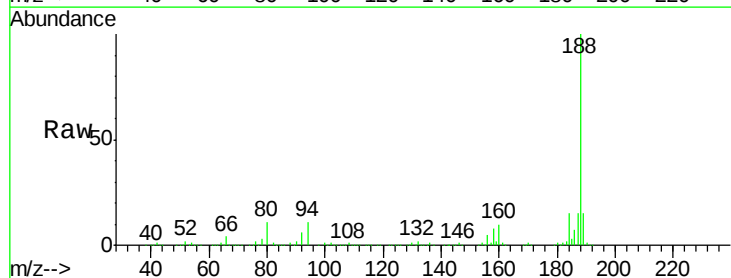
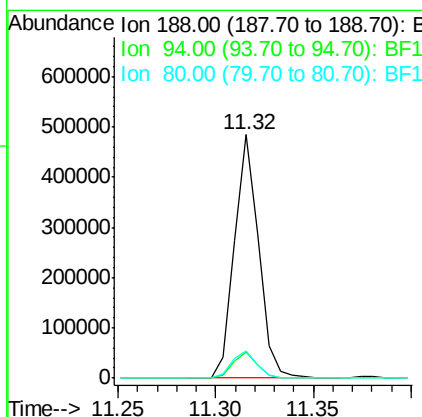
Manual Integrations
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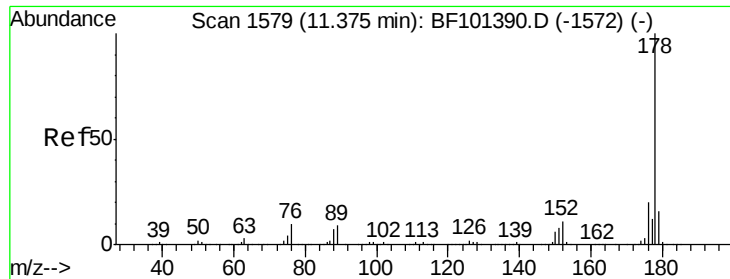
Sohil
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF101712.D
 Acq: 26 Dec 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	417385		
94	10.9	8.5	12.7	
80	11.3	9.2	13.8	





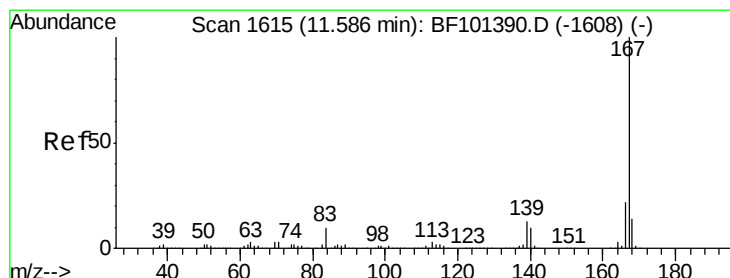
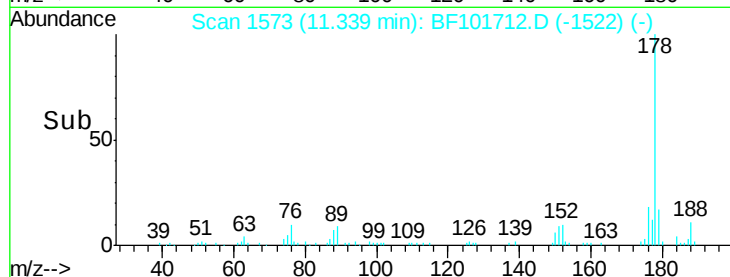
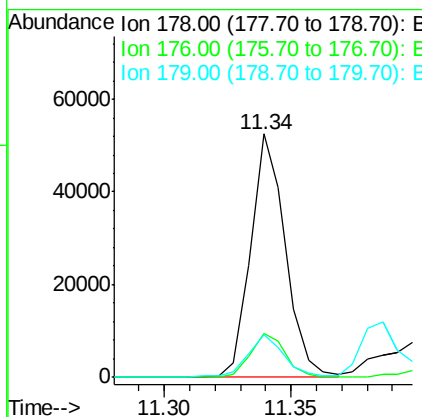
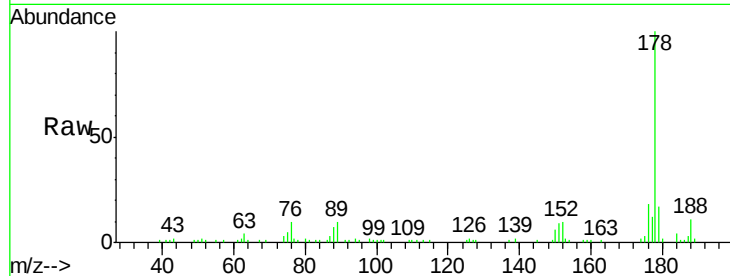
#70
Phenanthrene
Concen: 2.145 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Instrument :
BNA_F
ClientSampleId :
WC-7317-01DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	17.3	13.0	19.6

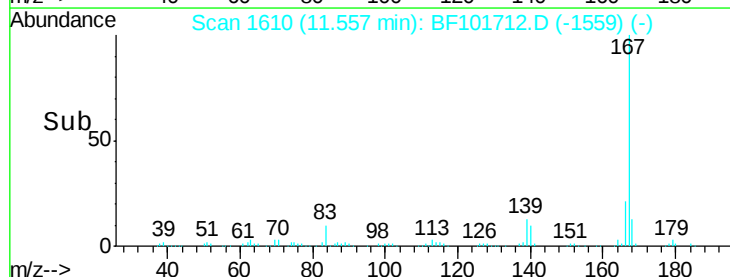
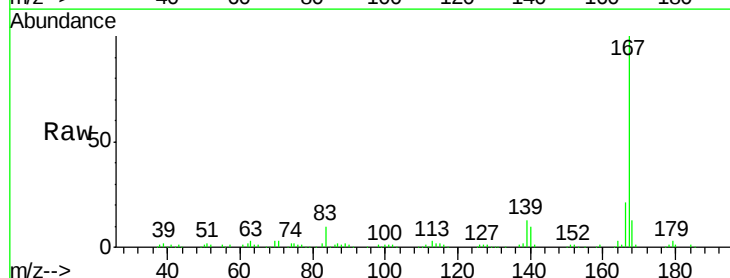
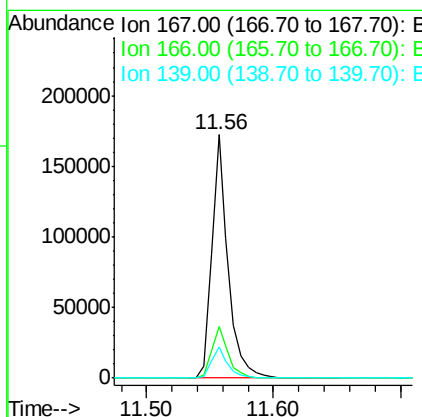
Manual Integrations
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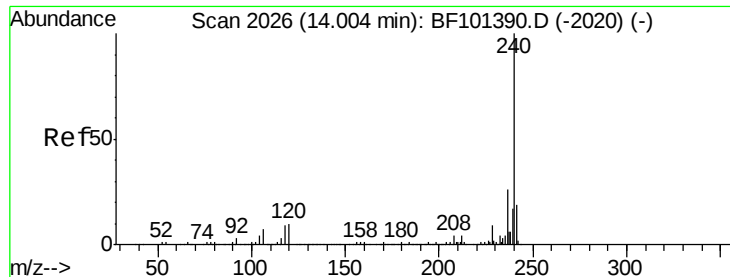
Sohil
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#72
Carbazole
Concen: 6.977 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.6	10.9	16.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101712.D

Acq: 26 Dec 2017 13:45

Instrument :

BNA_F

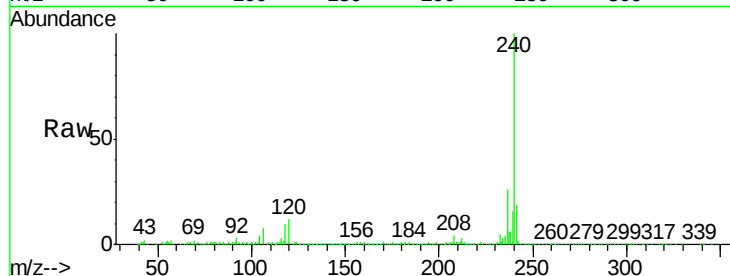
ClientSampleId :

WC-7317-01DL

Tgt Ion:	240	Resp:	326907
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
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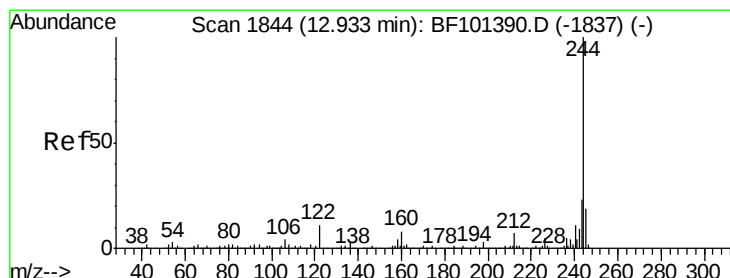
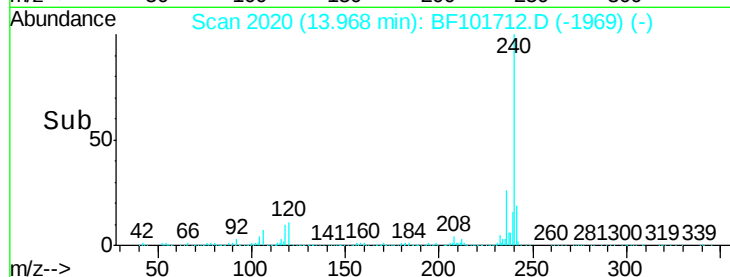
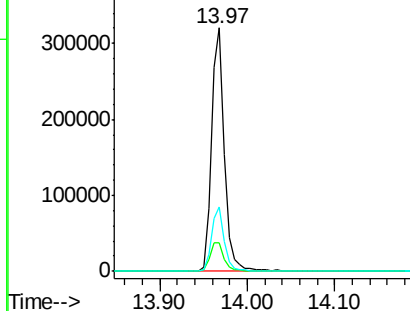
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 29.787 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101712.D

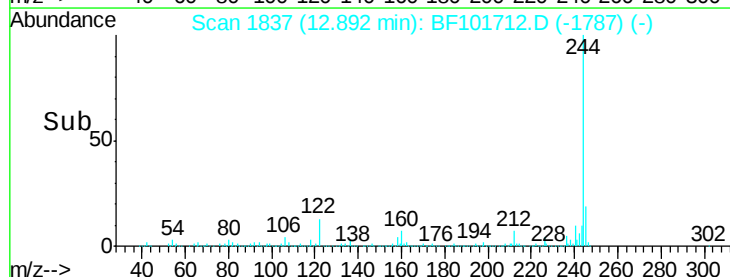
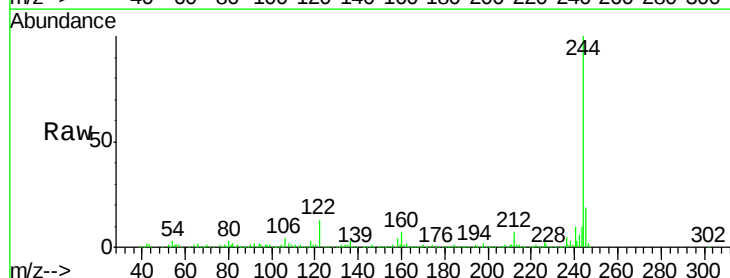
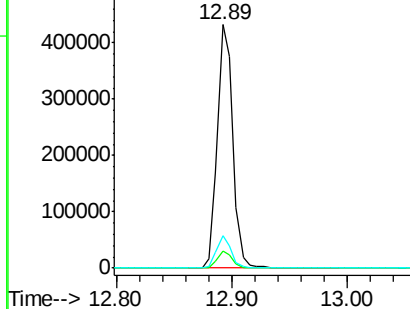
Acq: 26 Dec 2017 13:45

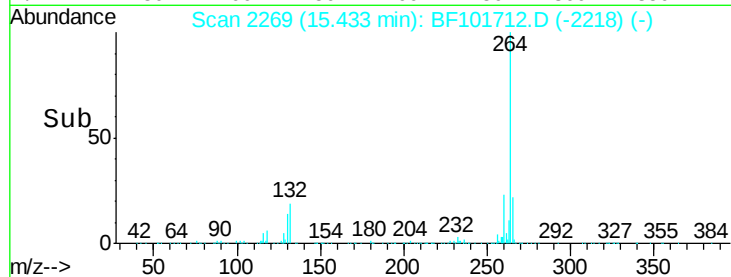
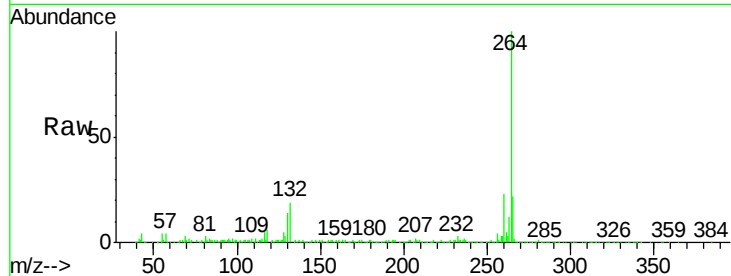
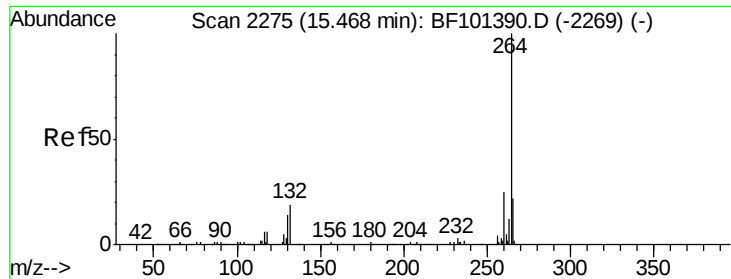
Tgt Ion:	244	Resp:	403925
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	13.2	11.0	16.4

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# 2269
Delta R.T. -0.00 min
Lab File: BF101712.D
Acq: 26 Dec 2017 13:45

Instrument :
BNA_F
ClientSampleId :
WC-7317-01DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.9	17.5	26.3

Manual Integrations
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