

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101710.D
 Acq On : 26 Dec 2017 12:51
 Operator : SJ/JU
 Sample : I6836-03DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-70-01DL

Manual Integrations
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Quant Time: Dec 26 13:21:52 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	149912	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	594900	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	290574	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	578983	20.00	ng	0.00
75) Chrysene-d12	13.96	240	530716	20.00	ng	0.00
86) Perylene-d12	15.43	264	467321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	127314m	12.65	ng	0.03
7) Phenol-d6	6.43	99	141703	11.31	ng	0.00
23) Nitrobenzene-d5	7.36	82	105820	9.90	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	40760	14.56	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	223058	11.91	ng	0.00
78) Terphenyl-d14	12.89	244	271728	12.34	ng	0.00
Target Compounds						
10) Phenol	6.45	94	644803	45.168	ng	99
17) 2-Methylphenol	7.06	107	104172	10.697	ng	98
20) 3+4-Methylphenols	7.21	107	348726	33.793	ng	88
27) 2,4-Dimethylphenol	7.75	122	49082	5.686	ng	97
31) Naphthalene	8.09	128	1154212	38.539	ng	100
48) Acenaphthylene	9.69	152	71775	2.305	ng	99
72) Carbazole	11.56	167	115003	3.735	ng	96

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

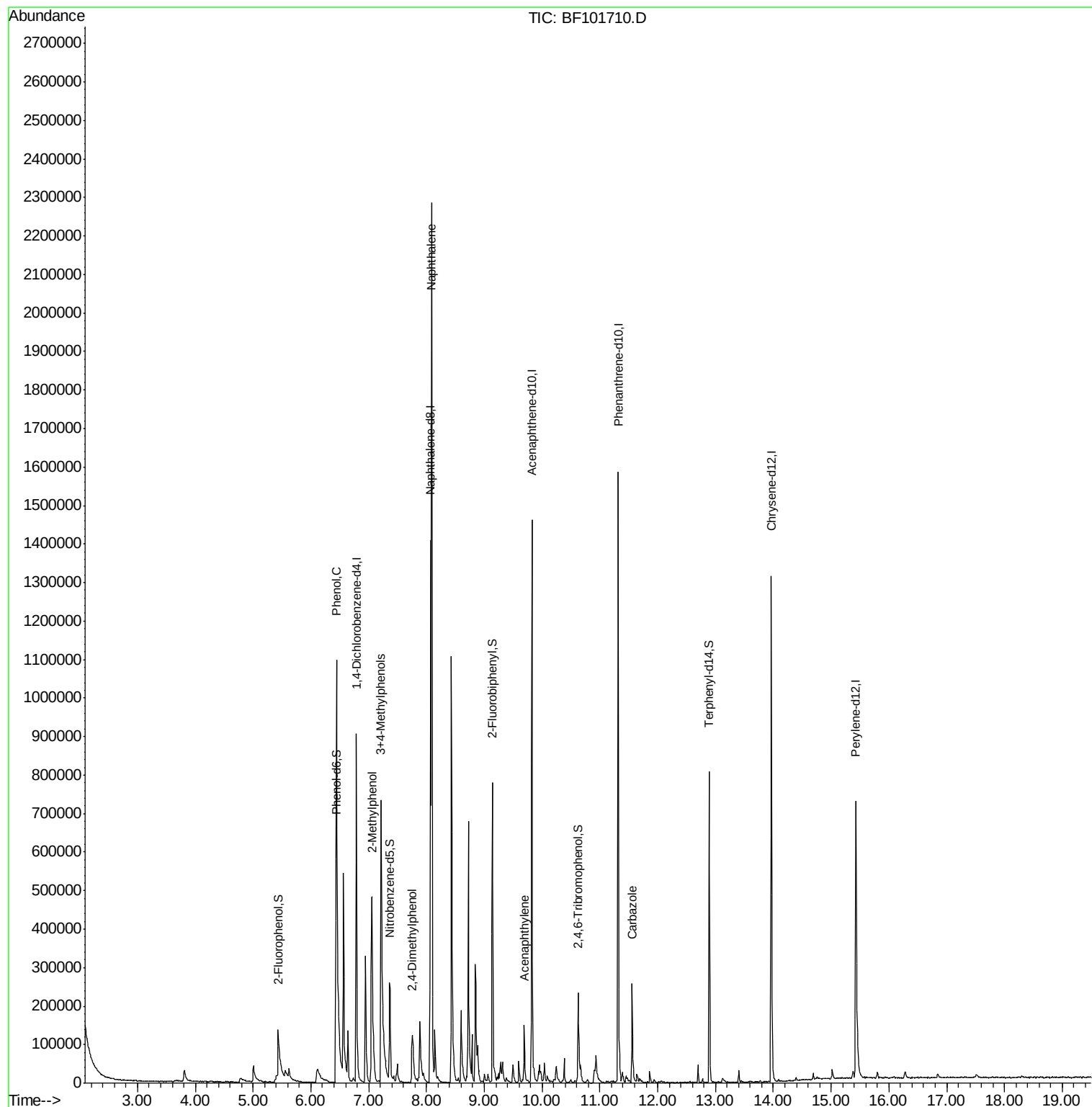
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101710.D
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Operator : SJ/JU
Sample : I6836-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

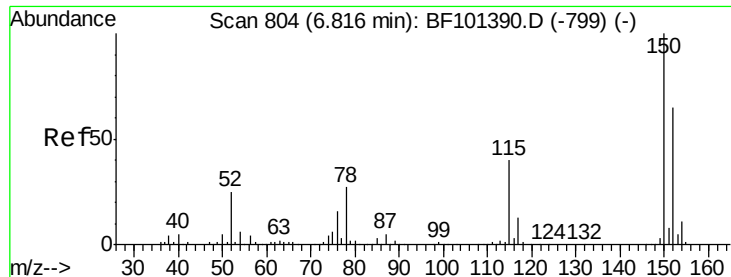
Instrument :
BNA_F
ClientSampleId :
WC-70-01DL

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Quant Time: Dec 26 13:21:52 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





#1

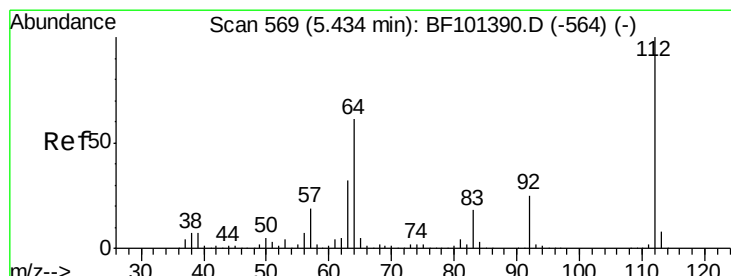
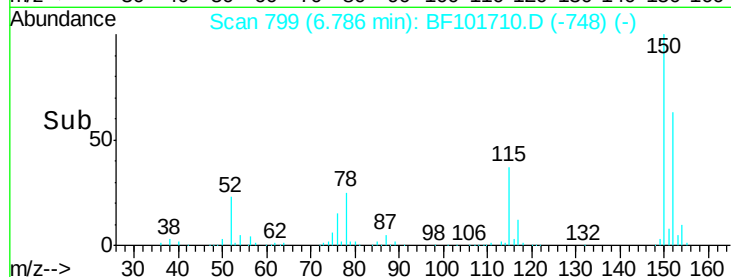
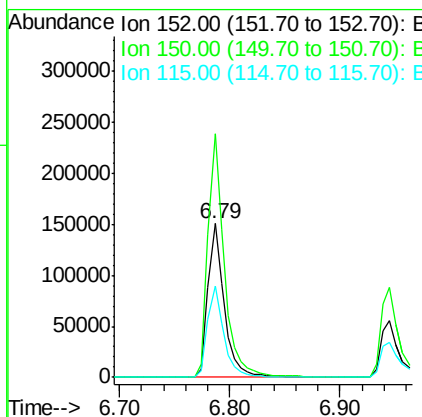
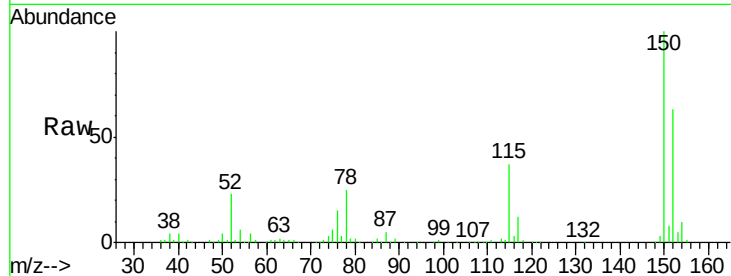
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101710.D
Acq: 26 Dec 2017 12:51

Instrument :
BNA_F
ClientSampleId :
WC-70-01DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	59.4	50.1	75.1

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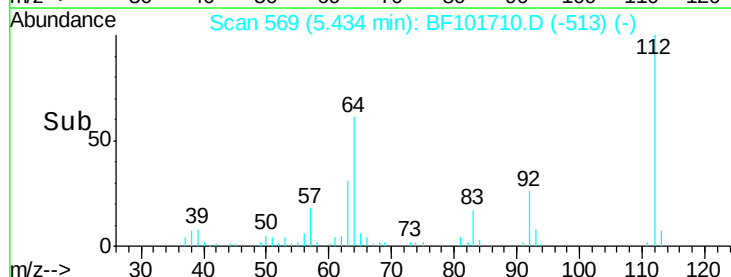
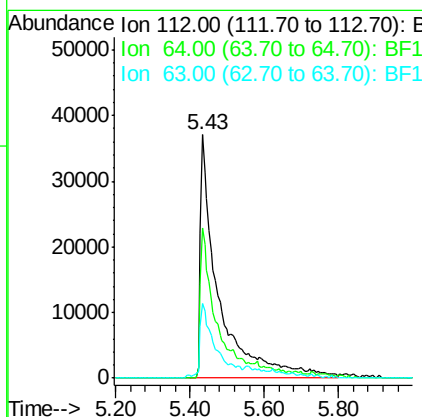
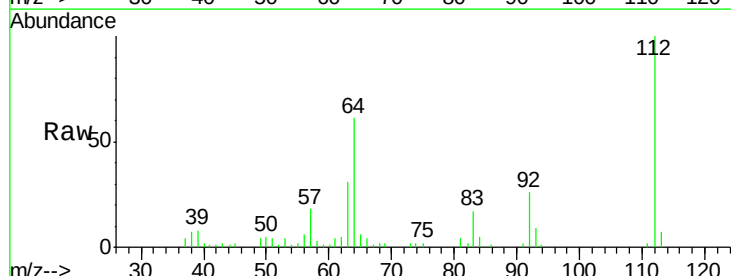
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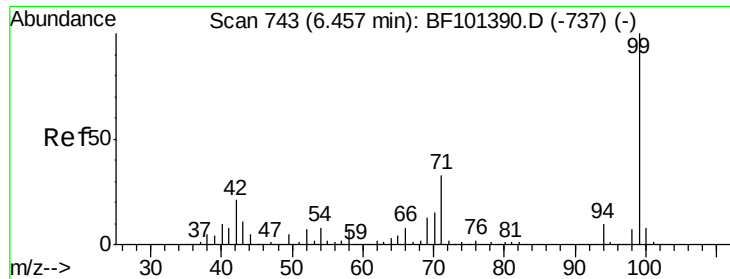


#5

2-Fluorophenol
Concen: 12.650 ng m
RT: 5.43 min Scan# 569
Delta R.T. 0.03 min
Lab File: BF101710.D
Acq: 26 Dec 2017 12:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 11.314 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101710.D

Acq: 26 Dec 2017 12:51

Instrument :

BNA_F

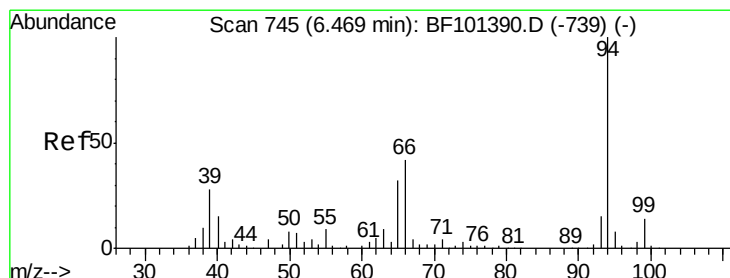
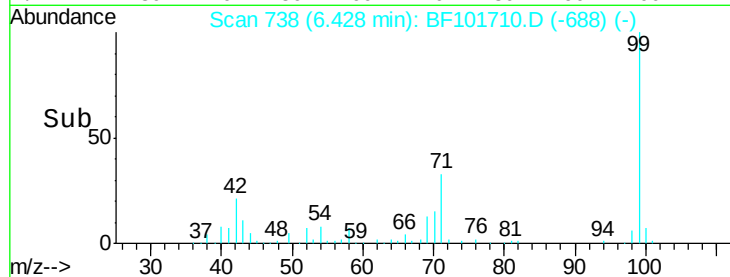
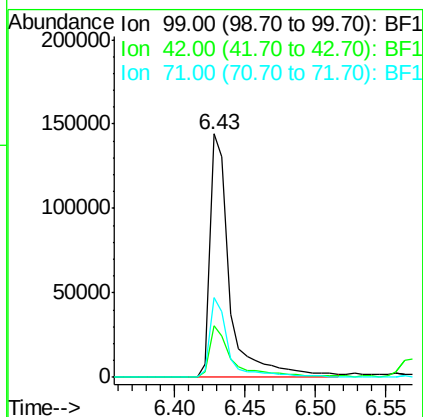
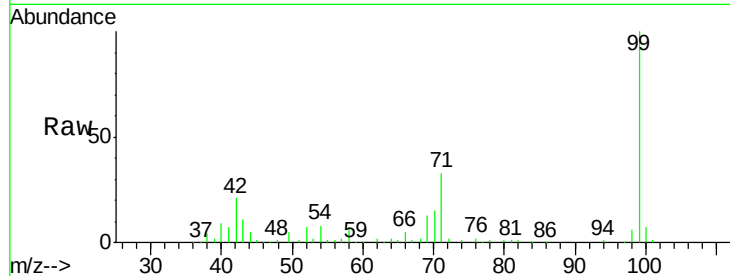
ClientSampleId :

WC-70-01DL

Tgt Ion:	99	Resp:	141703
Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	33.0	25.4	38.0

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#10

Phenol

Concen: 45.168 ng

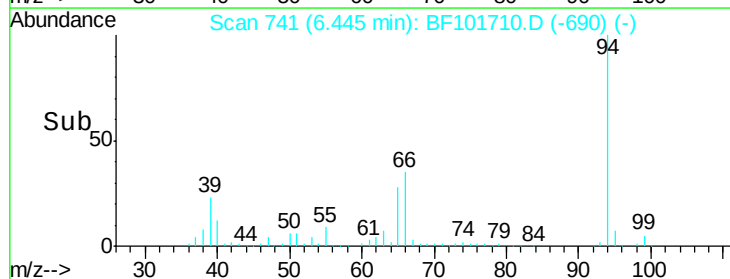
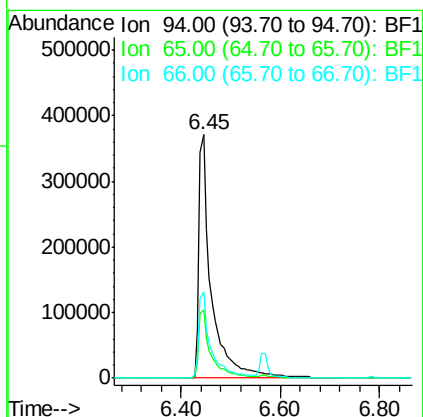
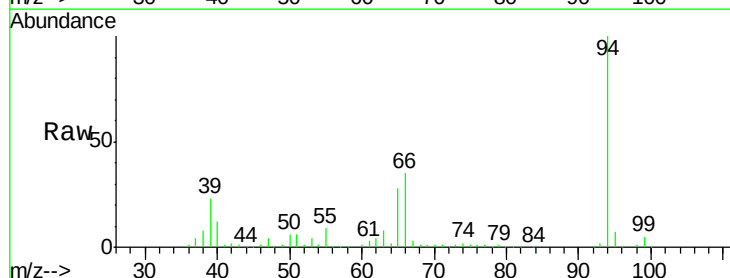
RT: 6.45 min Scan# 741

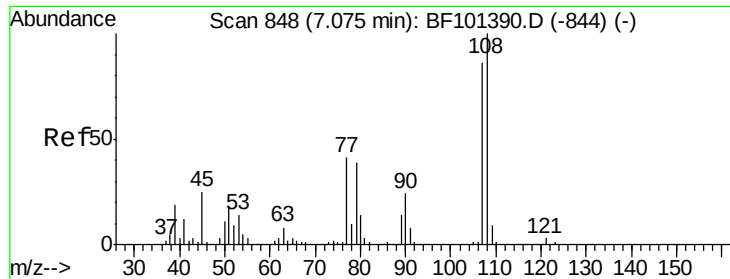
Delta R.T. -0.00 min

Lab File: BF101710.D

Acq: 26 Dec 2017 12:51

Tgt Ion:	94	Resp:	644803
Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	35.5	16.2	56.2





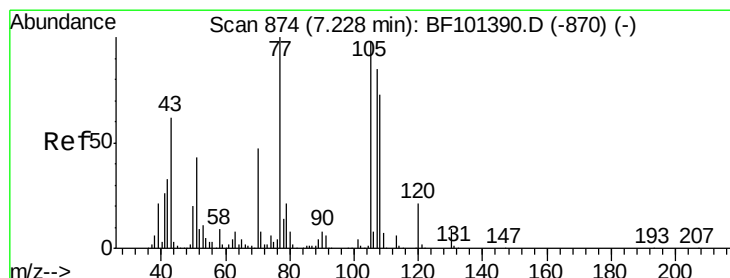
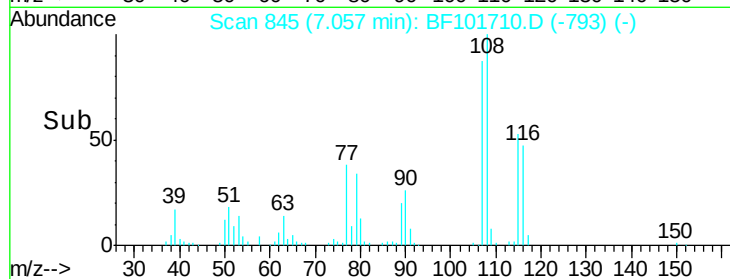
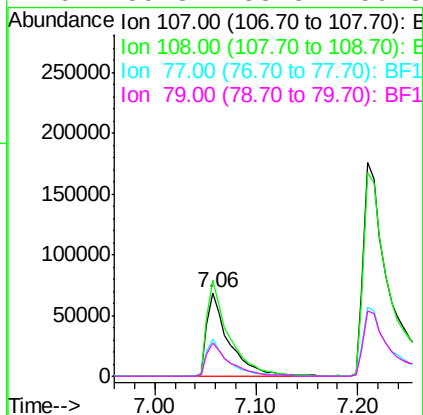
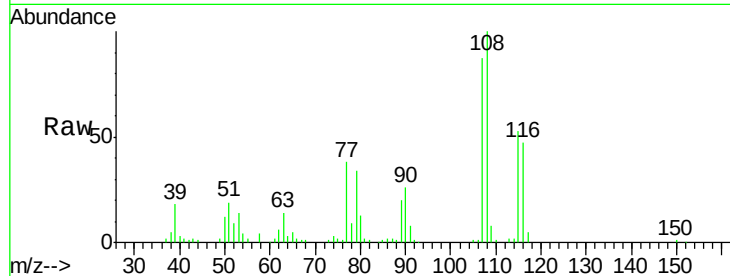
#17
2-Methylphenol
Concen: 10.697 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101710.D
Acq: 26 Dec 2017 12:51

Instrument :
BNA_F
ClientSampleID :
WC-70-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	104172		
108	115.5	91.7	137.5	
77	44.1	33.8	50.8	
79	39.8	33.8	50.8	

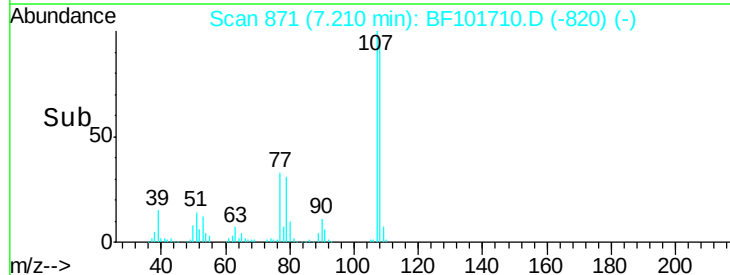
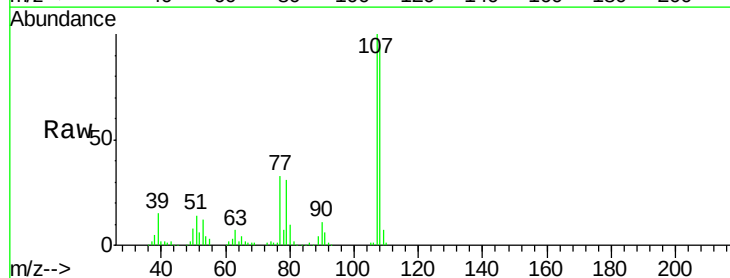
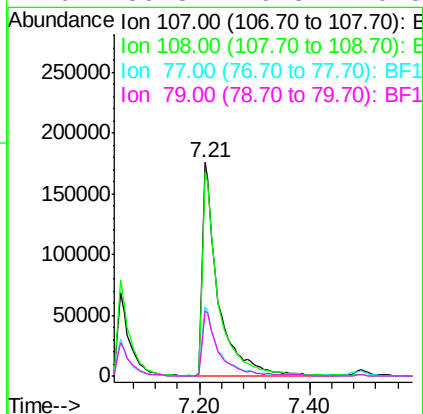
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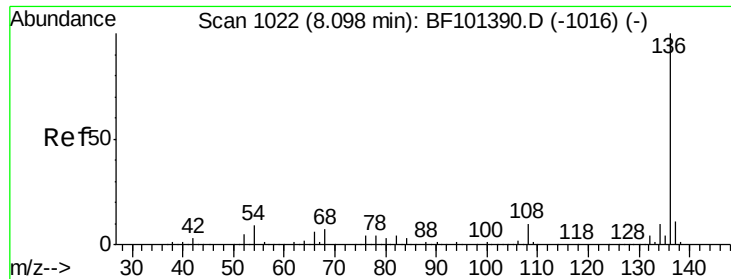
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#20
3+4-Methylphenols
Concen: 33.793 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101710.D
Acq: 26 Dec 2017 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	348726		
108	95.2	68.2	108.2	
77	32.5	26.7	66.7	
79	30.8	6.3	46.3	





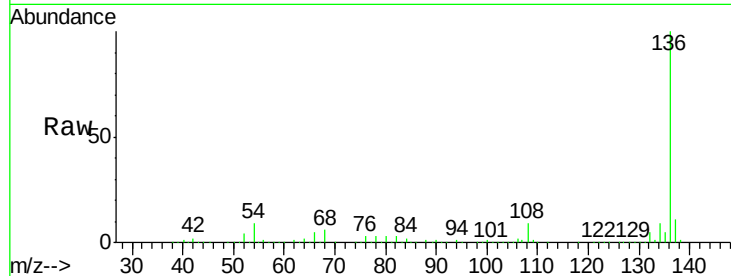
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101710.D
Acq: 26 Dec 2017 12:51

Instrument :
BNA_F
ClientSampleID :
WC-70-01DL

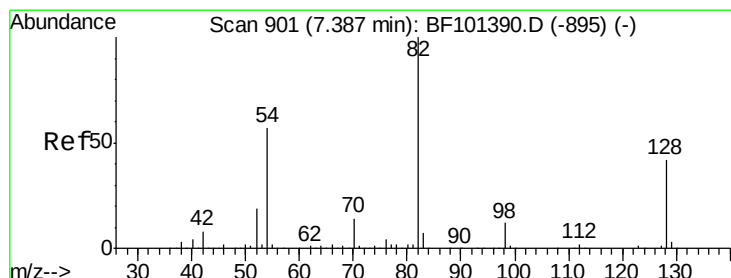
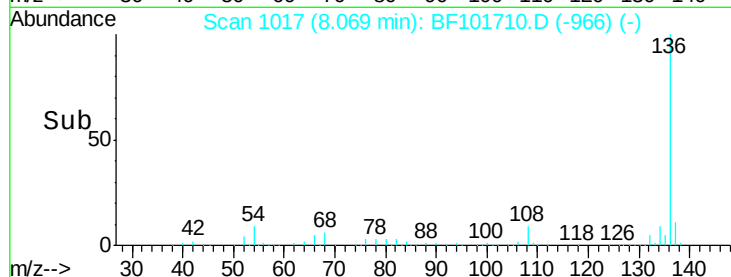
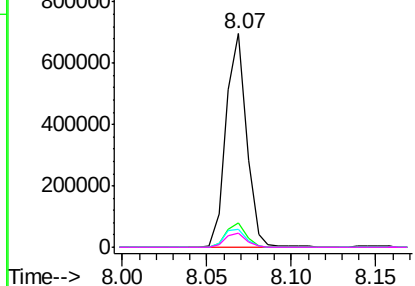
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	594900		
137	11.2	8.9	13.3	
54	8.6	6.6	9.8	
68	6.4	5.0	7.4	

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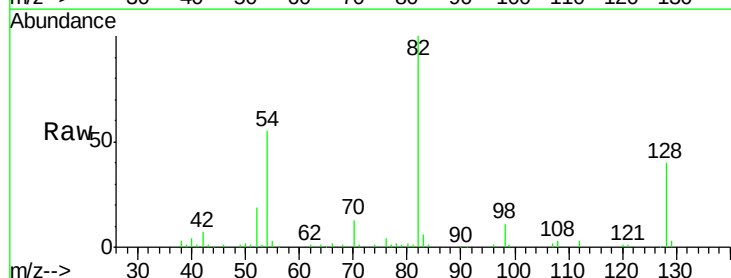


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

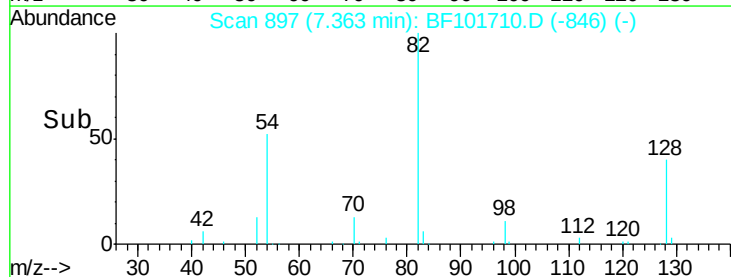
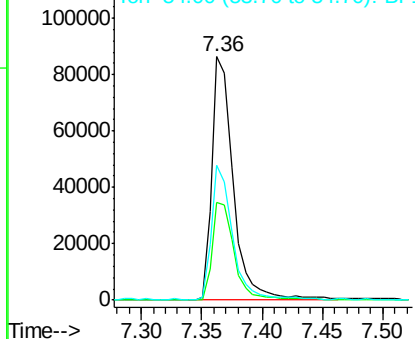


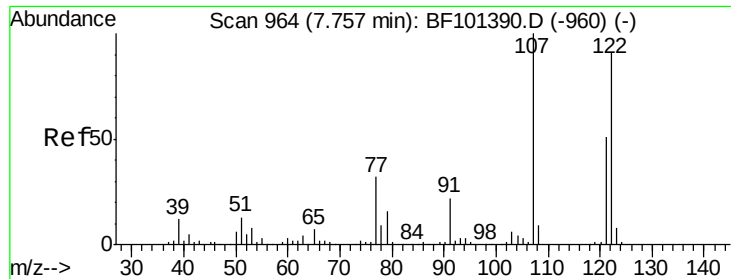
#23
Nitrobenzene-d5
Concen: 9.902 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101710.D
Acq: 26 Dec 2017 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	105820		
128	40.2	36.1	54.1	
54	55.1	41.4	62.2	



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: 5.686 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.02 min

Lab File: BF101710.D

Acq: 26 Dec 2017 12:51

Instrument :

BNA_F

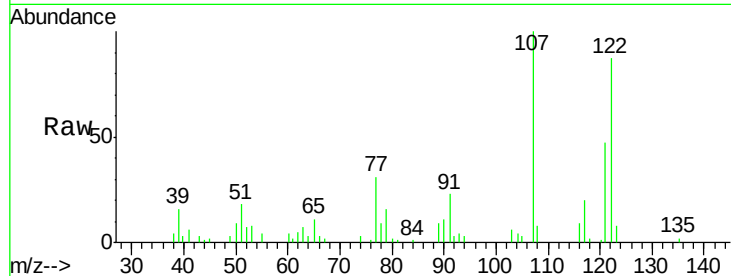
ClientSampleID :

WC-70-01DL

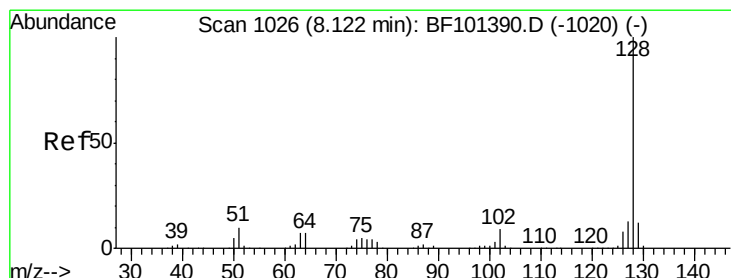
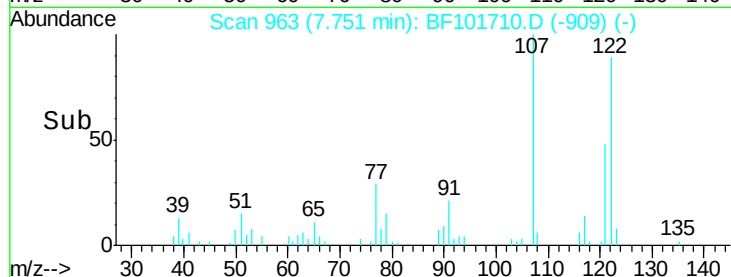
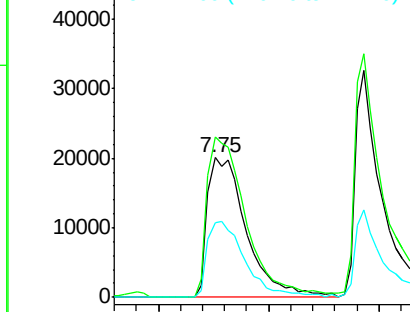
Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.4	91.2	136.8
121	53.8	47.2	70.8

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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: 38.539 ng

RT: 8.09 min Scan# 1021

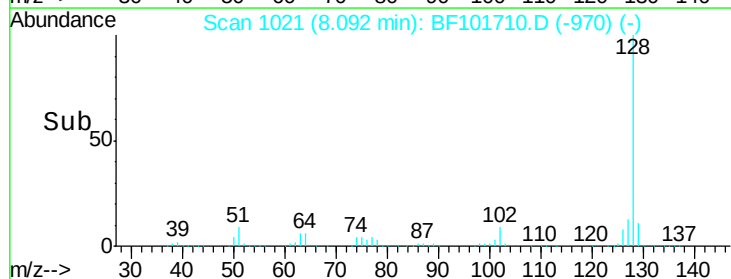
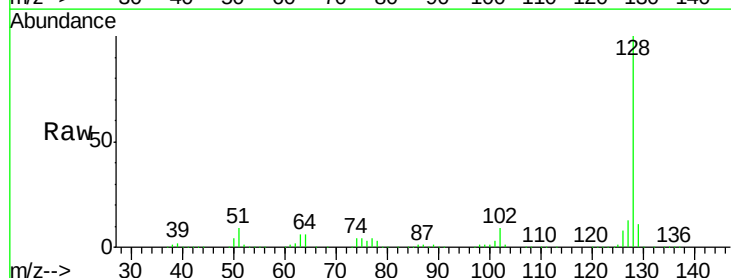
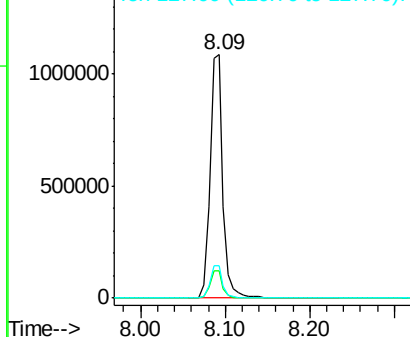
Delta R.T. -0.00 min

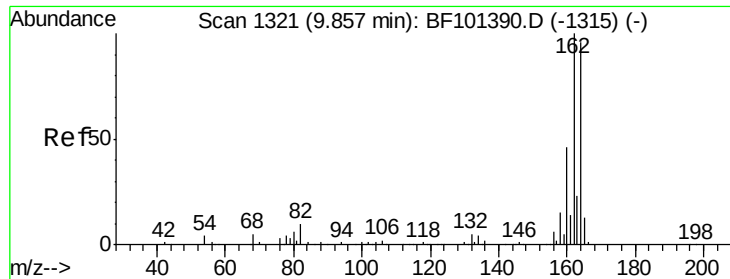
Lab File: BF101710.D

Acq: 26 Dec 2017 12:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.9	16.3

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





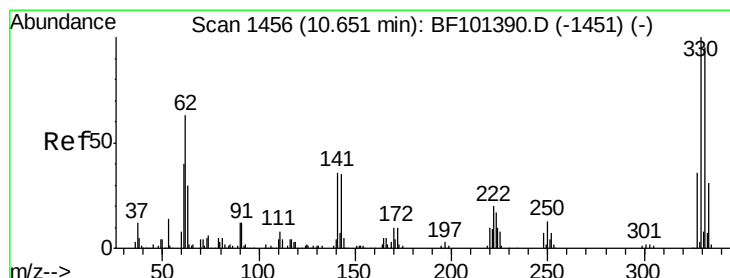
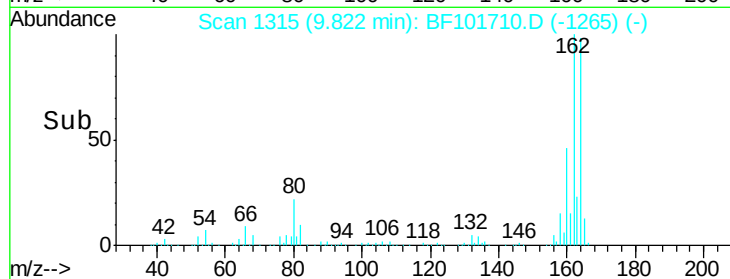
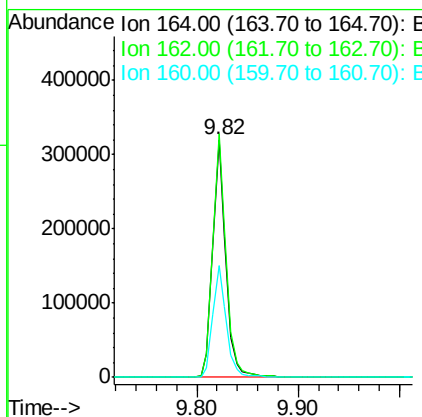
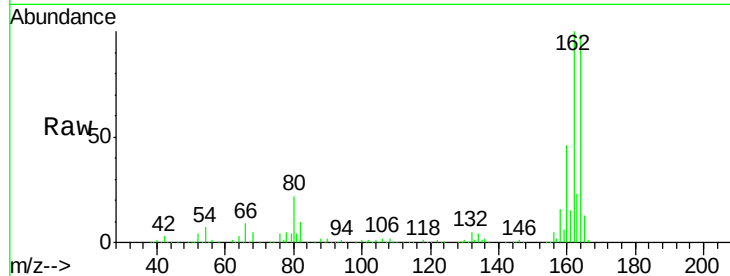
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101710.D
 Acq: 26 Dec 2017 12:51

Instrument :
 BNA_F
 ClientSampleID :
 WC-70-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	290574		
162	102.5	86.1	129.1	
160	47.3	38.3	57.5	

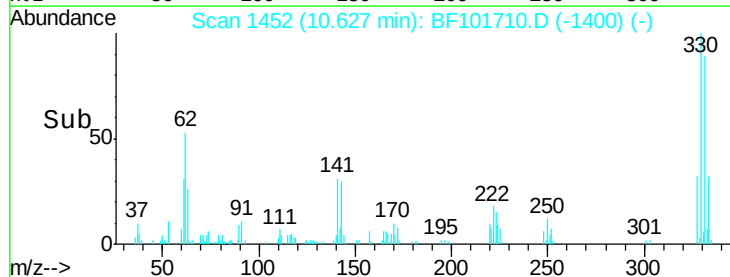
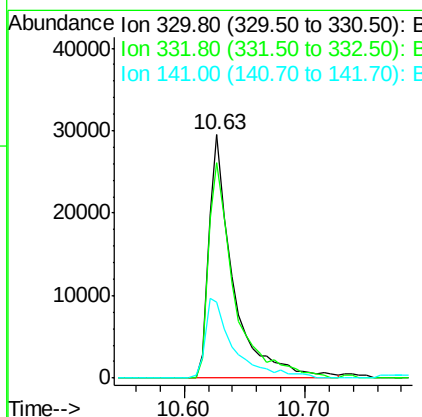
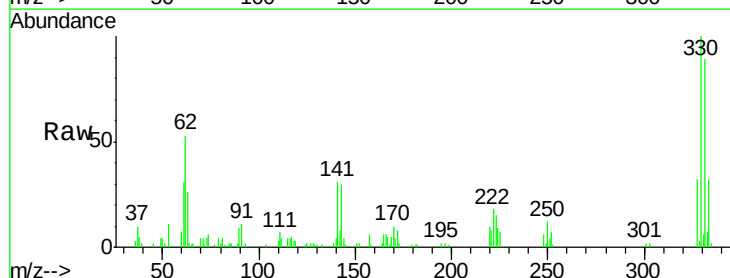
Manual Integrations
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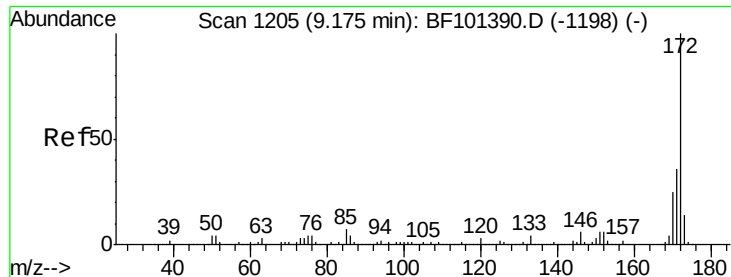
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#41
 2,4,6-Tribromophenol
 Concen: 14.558 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101710.D
 Acq: 26 Dec 2017 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	40760		
332	93.9	77.0	115.6	
141	38.2	29.9	44.9	





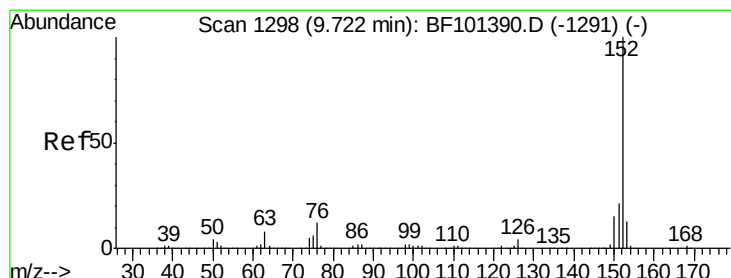
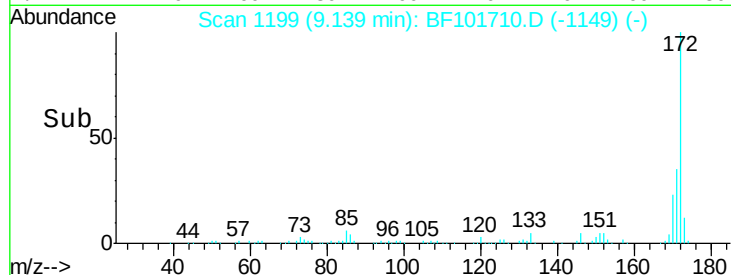
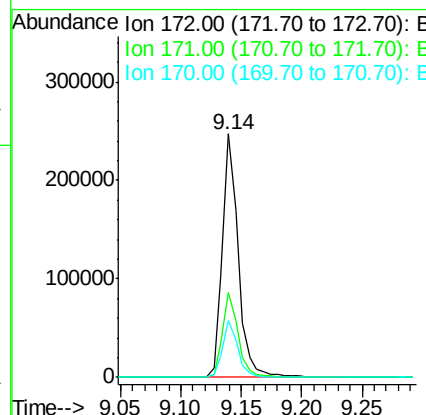
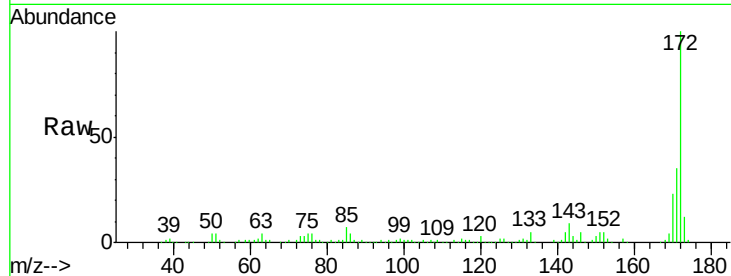
#44
2-Fluorobiphenyl
Concen: 11.908 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101710.D
Acq: 26 Dec 2017 12:51

Instrument :
BNA_F
ClientSampleId :
WC-70-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	223058		
171	35.0	29.7	44.5	
170	23.3	19.6	29.4	

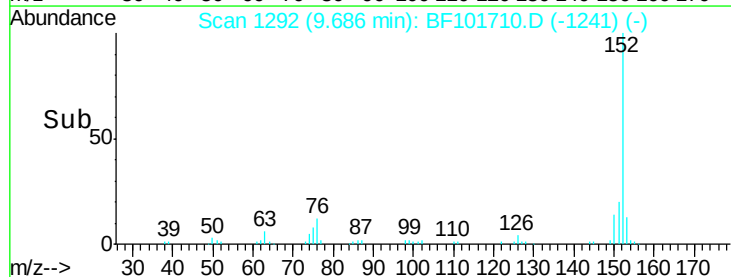
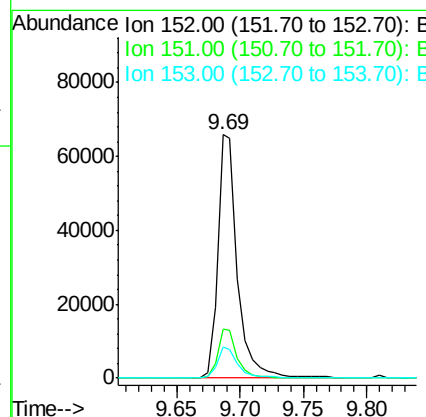
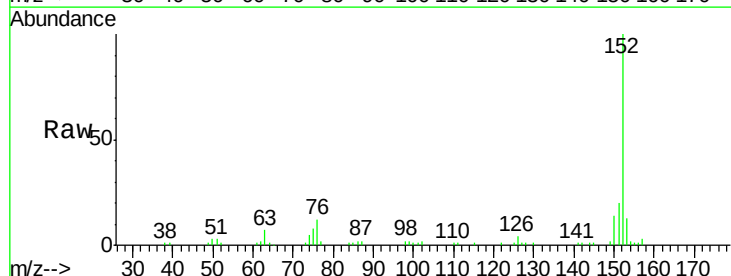
Manual Integrations
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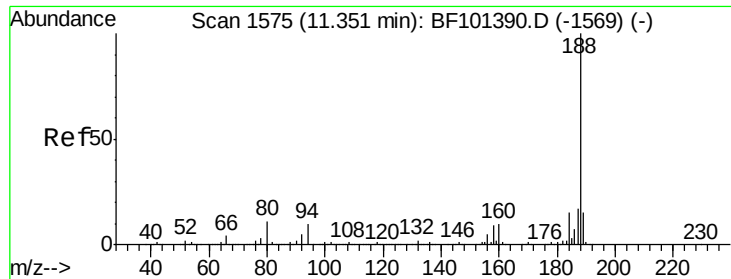
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#48
Acenaphthylene
Concen: 2.305 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF101710.D
Acq: 26 Dec 2017 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	71775		
151	20.1	16.3	24.5	
153	12.7	10.7	16.1	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF101710.D

Acq: 26 Dec 2017 12:51

Instrument :

BNA_F

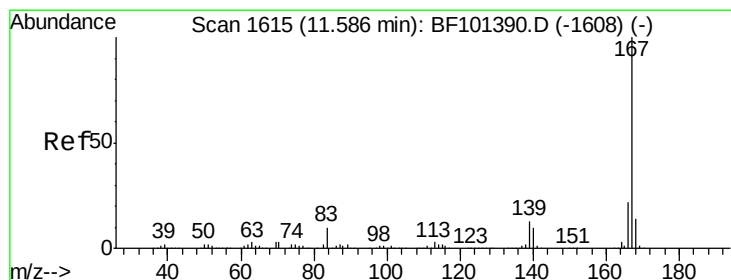
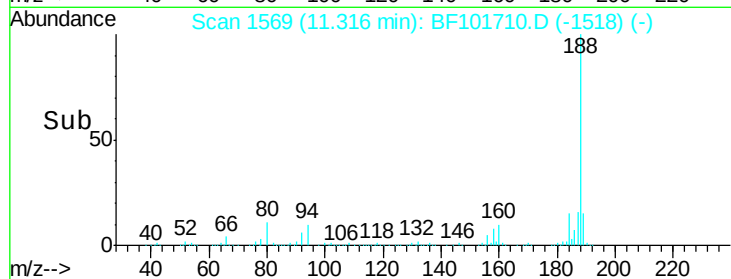
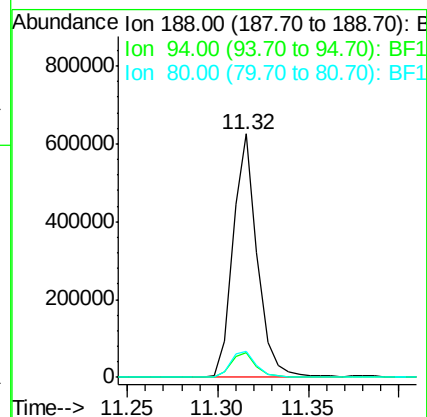
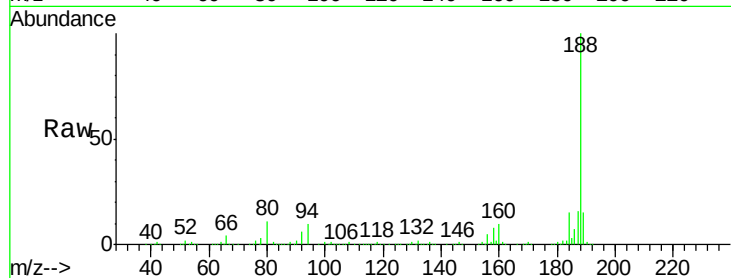
ClientSampleId :

WC-70-01DL

Tgt	Ion:188	Resp:	578983
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.8	9.2	13.8

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#72

Carbazole

Concen: 3.735 ng

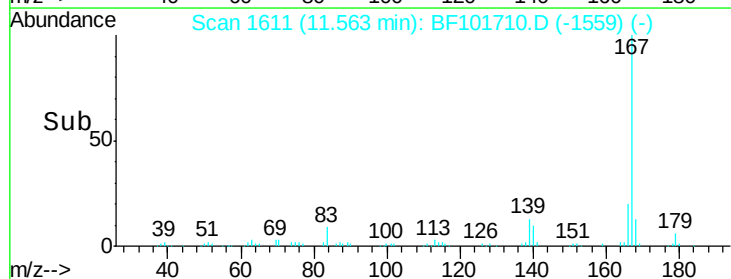
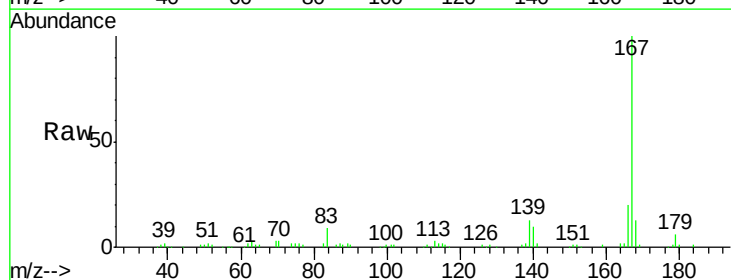
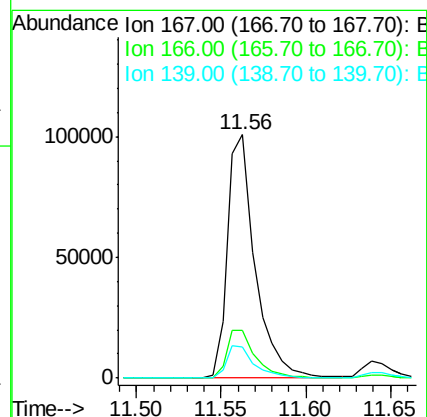
RT: 11.56 min Scan# 1611

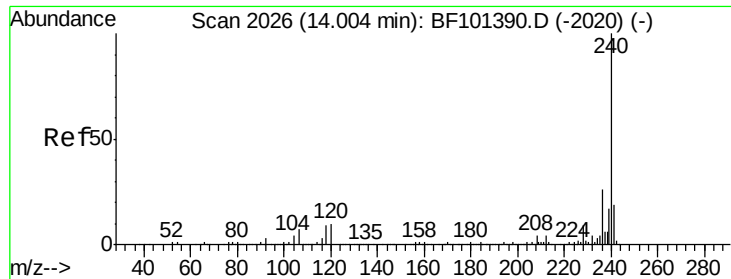
Delta R.T. 0.01 min

Lab File: BF101710.D

Acq: 26 Dec 2017 12:51

Tgt	Ion:167	Resp:	115003
Ion	Ratio	Lower	Upper
167	100		
166	19.5	17.6	26.4
139	12.6	10.9	16.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101710.D

Acq: 26 Dec 2017 12:51

Instrument :

BNA_F

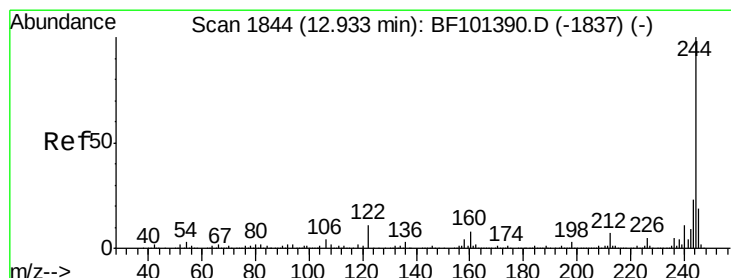
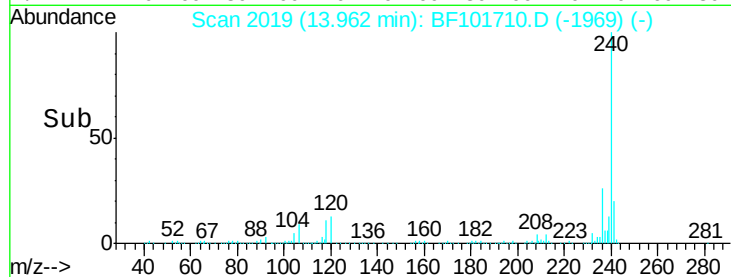
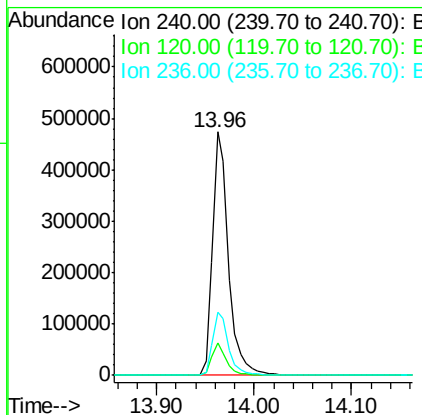
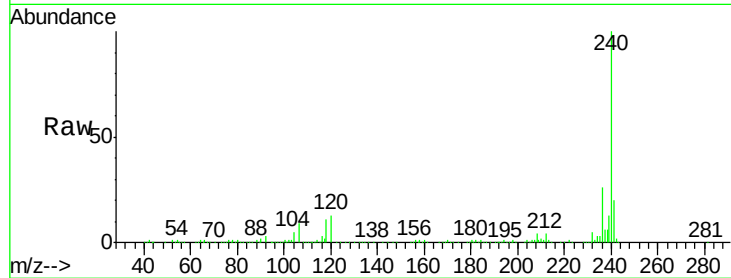
ClientSampleId :

WC-70-01DL

Tgt Ion:	240	Resp:	530716
Ion Ratio	Lower	Upper	
240	100		
120	13.4	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 12.343 ng

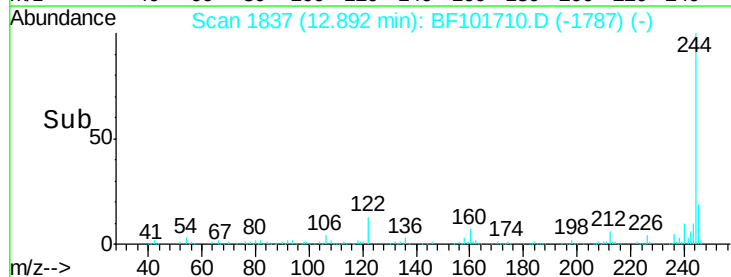
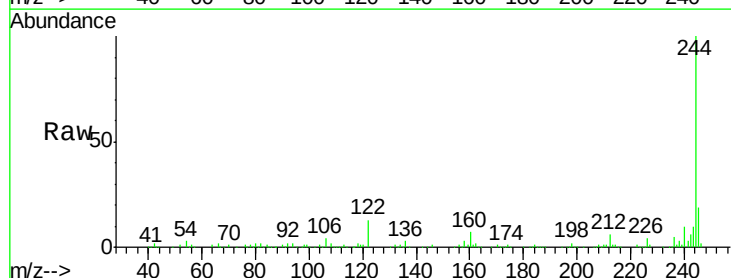
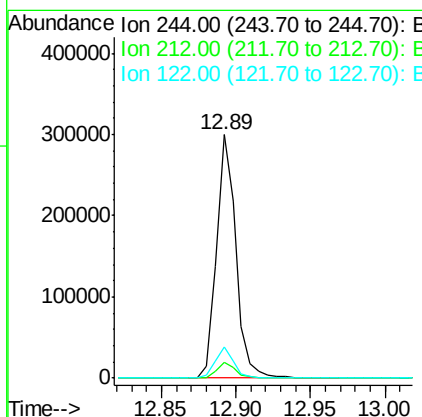
RT: 12.89 min Scan# 1837

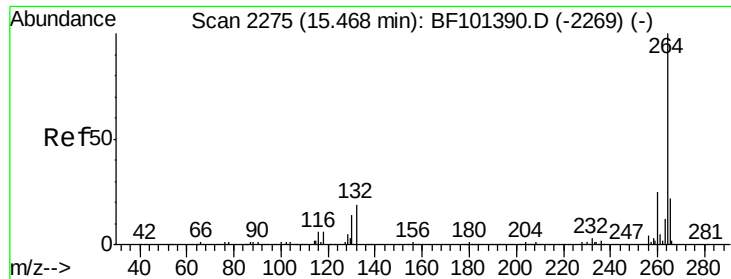
Delta R.T. -0.01 min

Lab File: BF101710.D

Acq: 26 Dec 2017 12:51

Tgt Ion:	244	Resp:	271728
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	12.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101710.D
Acq: 26 Dec 2017 12:51

Instrument :
BNA_F
ClientSampleId :
WC-70-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	467321		
260	22.9	19.2	28.8	
265	21.4	17.5	26.3	

Manual Integrations
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