

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101717.D
 Acq On : 26 Dec 2017 16:00
 Operator : SJ/JU
 Sample : I6845-03DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10257-01DL

Manual Integrations
 APPROVED

Sohil
 12/27/2017 4:14:42 PM

Quant Time: Dec 26 16:38:24 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	141981	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	544200	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	230635	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	366653	20.00	ng	0.00
75) Chrysene-d12	13.97	240	294457	20.00	ng	0.00
86) Perylene-d12	15.43	264	282166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	125181	13.13	ng	0.02
7) Phenol-d6	6.43	99	142789	12.04	ng	0.00
23) Nitrobenzene-d5	7.36	82	112072	11.46	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	28987	13.04	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	219398	14.76	ng	0.00
78) Terphenyl-d14	12.89	244	171450	14.04	ng	0.00
Target Compounds						
10) Phenol	6.45	94	531309	39.297	ng	98
17) 2-Methylphenol	7.05	107	264027	28.627	ng	99
20) 3+4-Methylphenols	7.21	107	688314	70.426	ng	85
27) 2,4-Dimethylphenol	7.73	122	232282	29.414	ng	99
31) Naphthalene	8.10	128	2270526	82.875	ng	99
37) 2-Methylnaphthalene	8.78	142	110070	6.166	ng	99
48) Acenaphthylene	9.69	152	154019	6.231	ng	99
54) Dibenzofuran	10.03	168	42406	2.247	ng	98
57) Fluorene	10.37	166	38083	2.385	ng	99
70) Phenanthrene	11.34	178	40865	2.004	ng	98
72) Carbazole	11.56	167	111135	5.699	ng	98

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

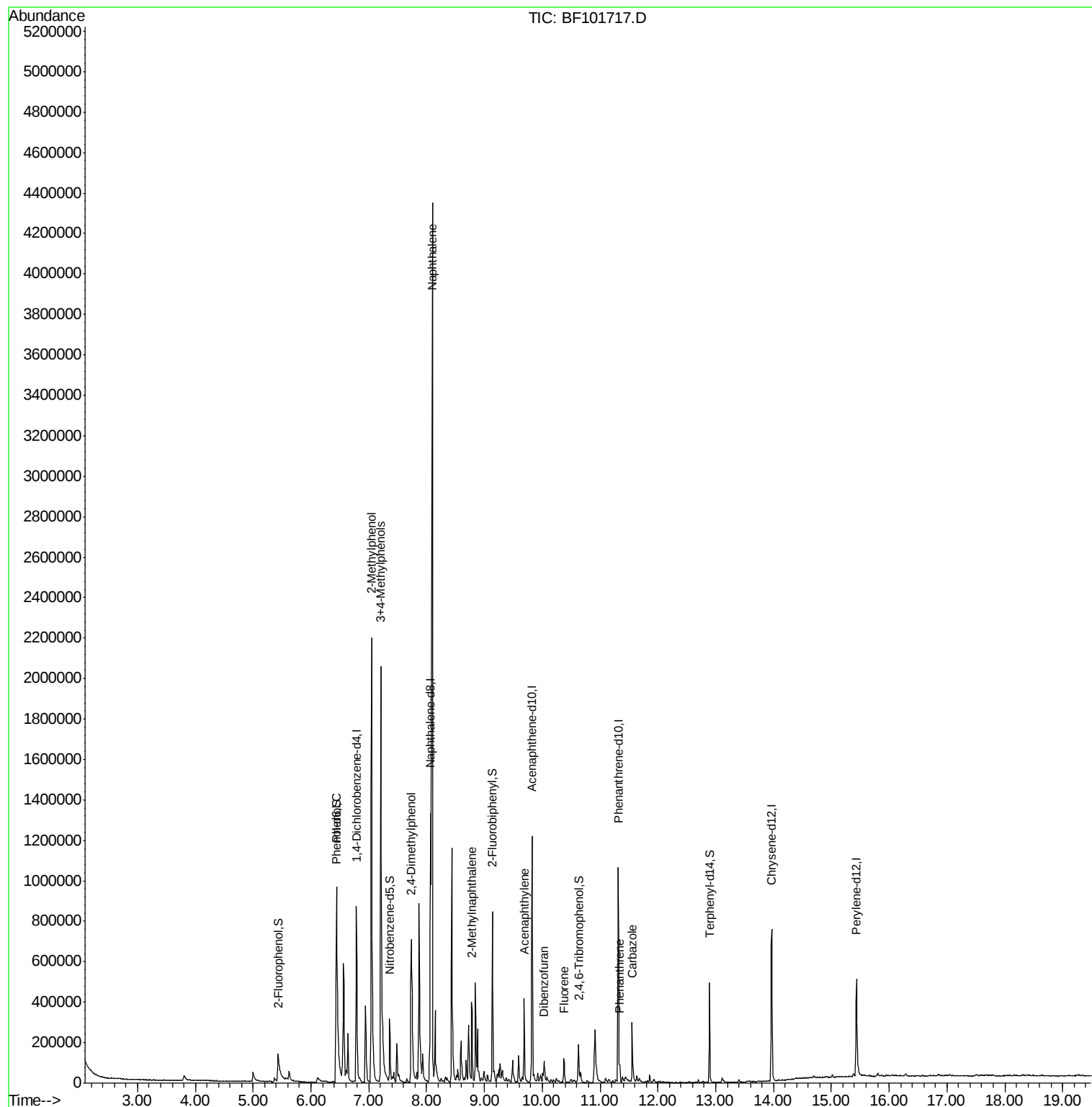
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101717.D
Acq On : 26 Dec 2017 16:00
Operator : SJ/JU
Sample : I6845-03DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

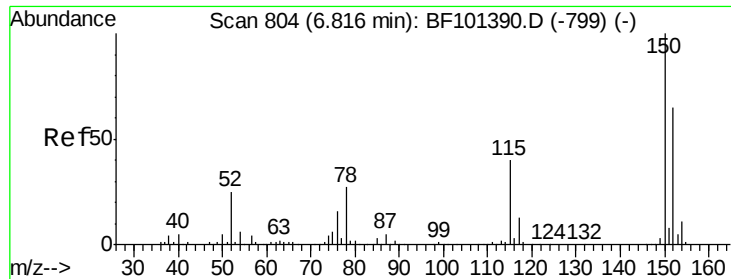
Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Manual Integrations
APPROVED

Sohil
12/27/2017 4:14:42 PM

Quant Time: Dec 26 16:38:24 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





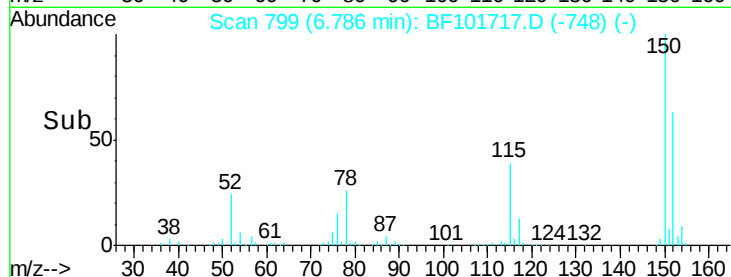
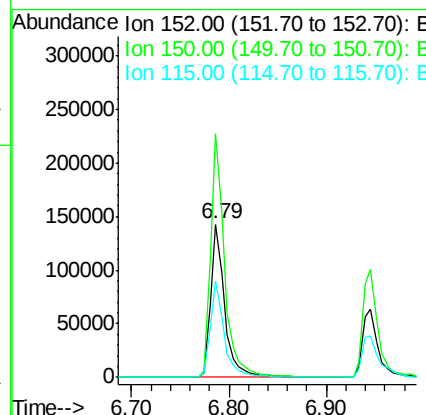
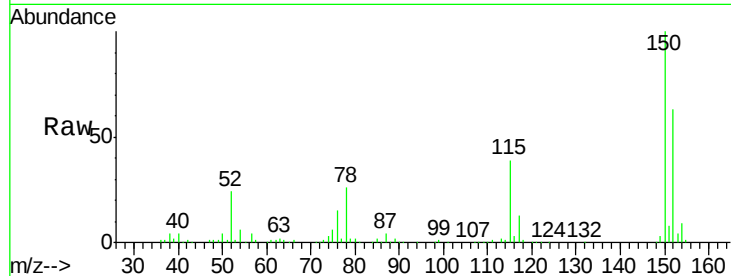
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF101717.D
 Acq: 26 Dec 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 WC-10257-01DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.8	50.1	75.1

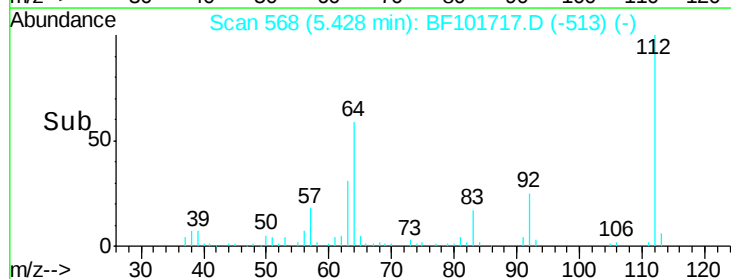
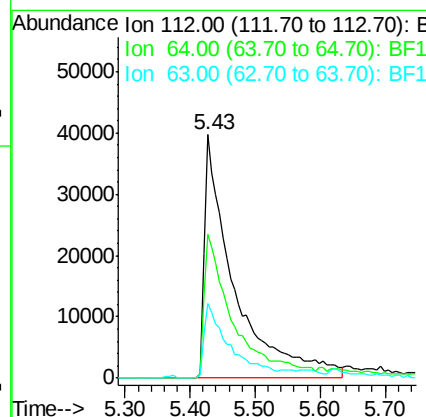
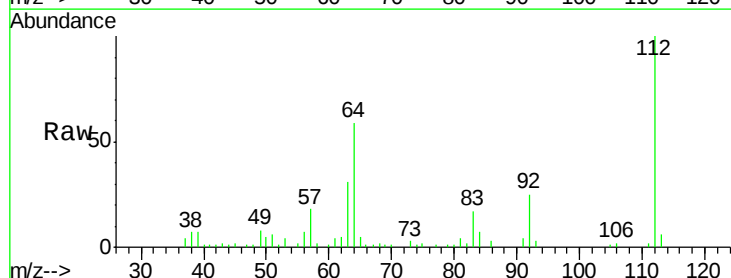
Manual Integrations
 APPROVED

Sohil
 12/27/2017 4:14:42 PM



#5
 2-Fluorophenol
 Concen: 13.133 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101717.D
 Acq: 26 Dec 2017 16:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	30.6	23.7	35.5





#7

Phenol-d6

Concen: 12.037 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101717.D

Acq: 26 Dec 2017 16:00

Instrument :

BNA_F

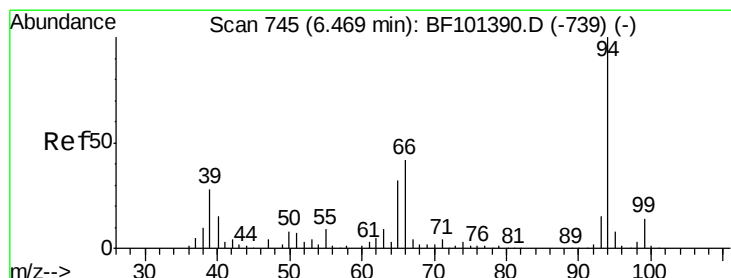
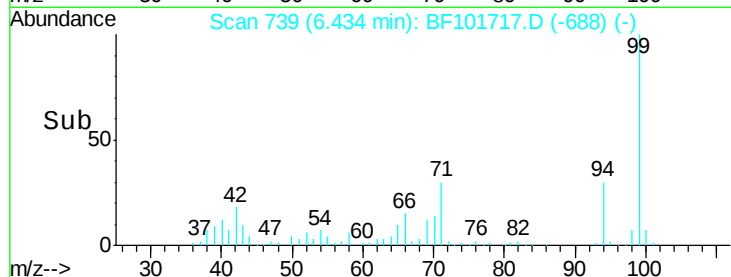
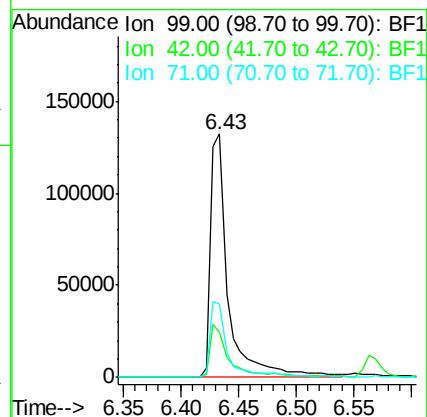
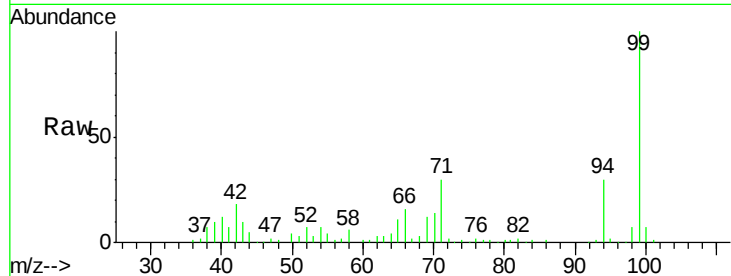
ClientSampleID :

WC-10257-01DL

Tgt Ion:	99	Resp:	142789
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	30.2	25.4	38.0

Manual Integrations
APPROVED

Sohil
12/27/2017 4:14:42 PM



#10

Phenol

Concen: 39.297 ng

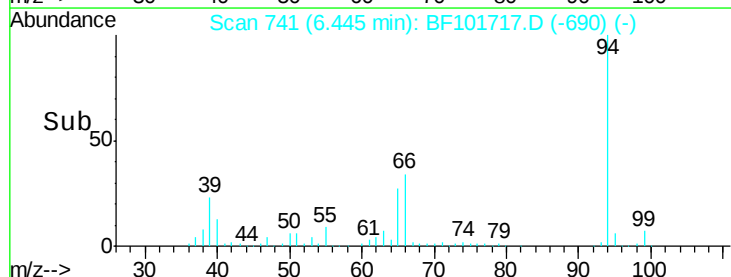
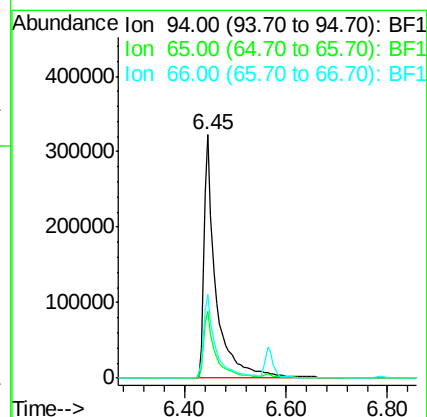
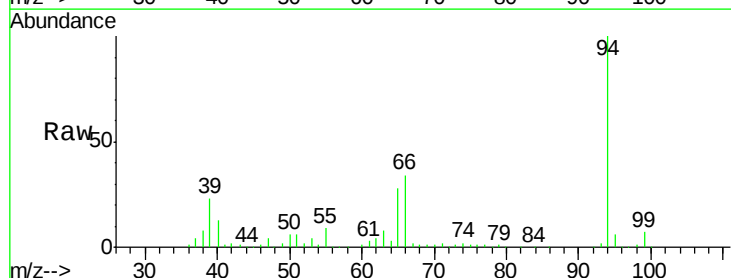
RT: 6.45 min Scan# 741

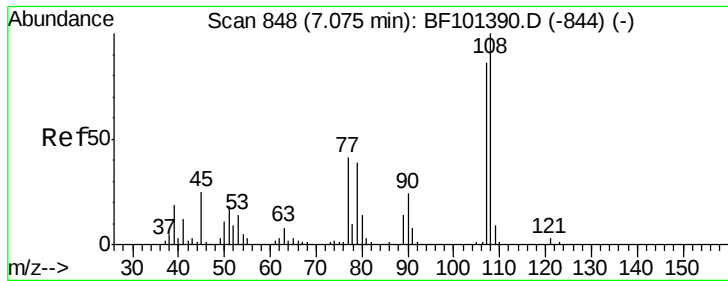
Delta R.T. -0.00 min

Lab File: BF101717.D

Acq: 26 Dec 2017 16:00

Tgt Ion:	94	Resp:	531309
Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.9	47.9
66	34.2	16.2	56.2





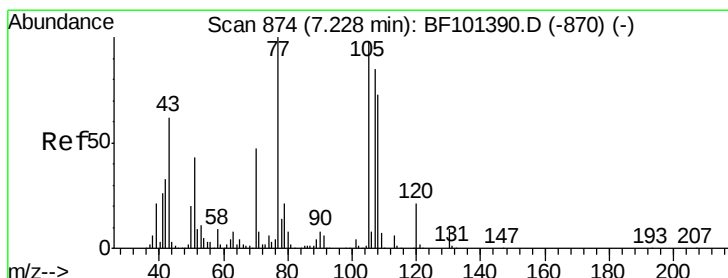
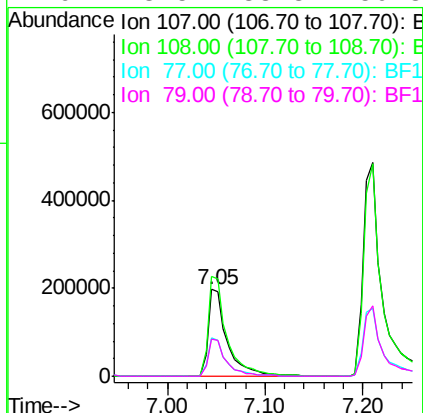
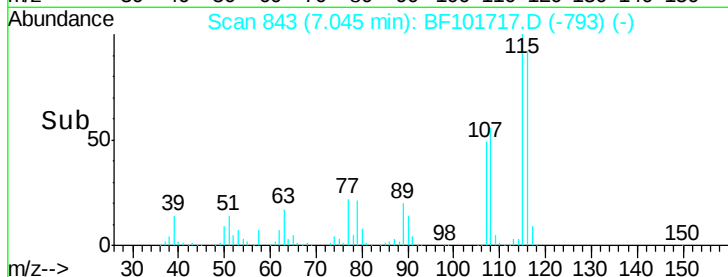
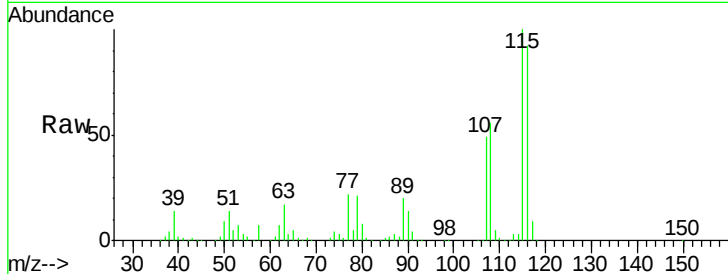
#17
2-Methylphenol
Concen: 28.627 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion:	107	Resp:	264027
Ion Ratio	Lower	Upper	
107	100		
108	114.6	91.7	137.5
77	44.4	33.8	50.8
79	43.5	33.8	50.8

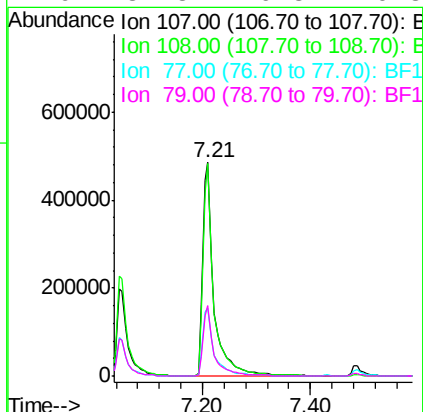
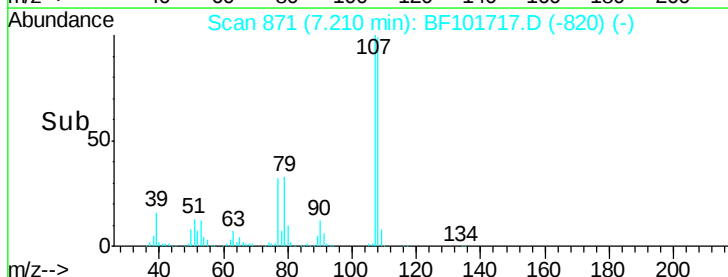
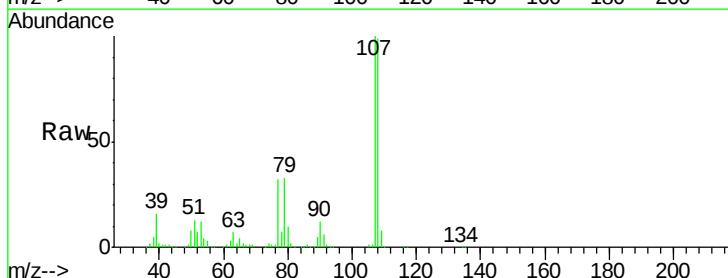
Manual Integrations
APPROVED

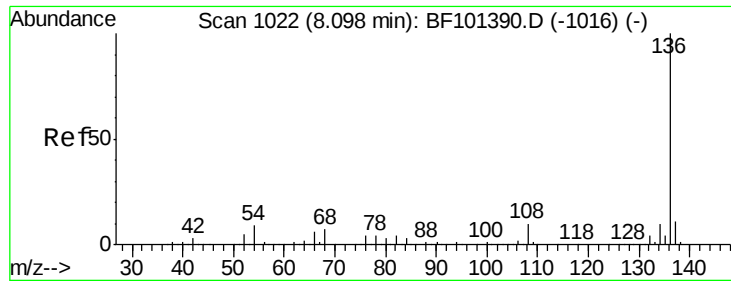
Sohil
12/27/2017 4:14:42 PM



#20
3+4-Methylphenols
Concen: 70.426 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:	107	Resp:	688314
Ion Ratio	Lower	Upper	
107	100		
108	99.4	68.2	108.2
77	31.9	26.7	66.7
79	32.8	6.3	46.3





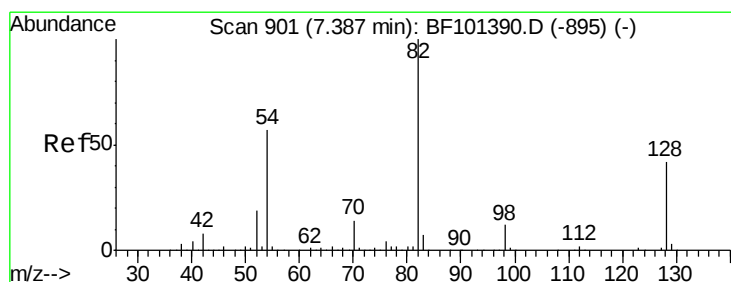
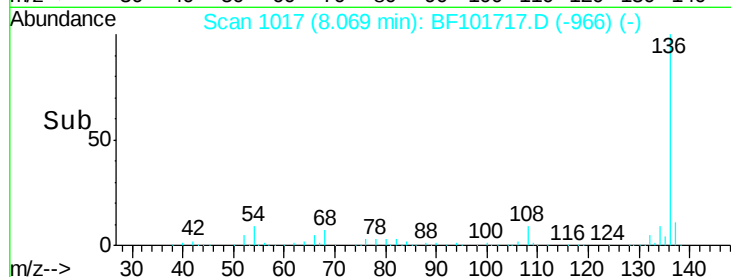
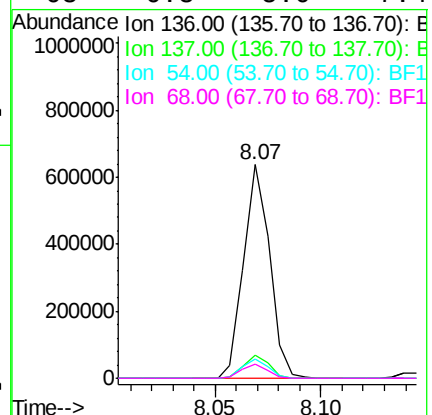
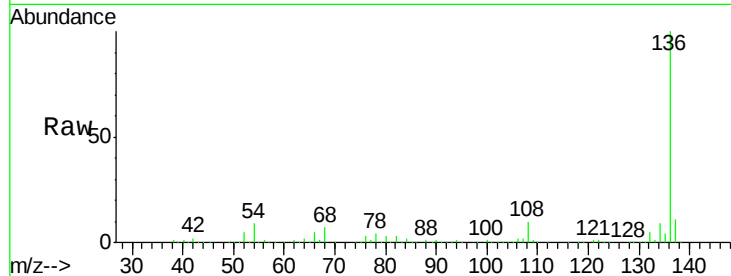
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleID :
WC-10257-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	544200		
137	11.1	8.9	13.3	
54	9.0	6.6	9.8	
68	6.8	5.0	7.4	

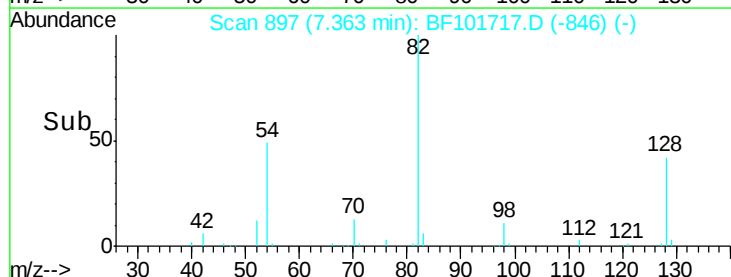
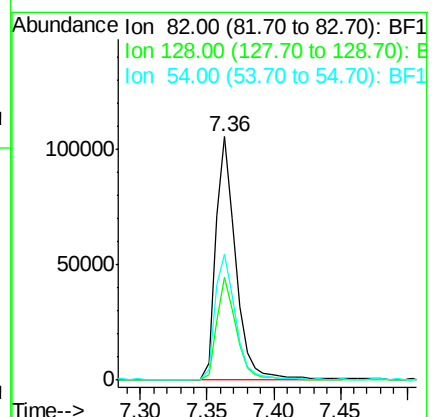
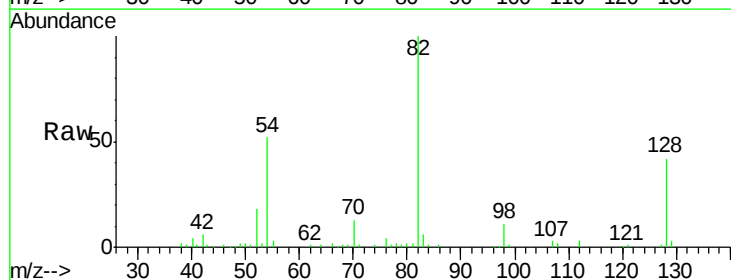
Manual Integrations
APPROVED

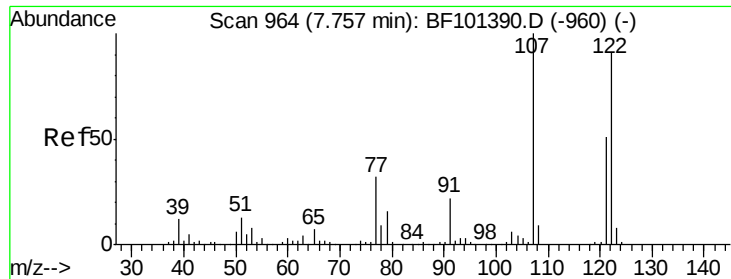
Sohil
12/27/2017 4:14:42 PM



#23
Nitrobenzene-d5
Concen: 11.464 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	112072		
128	42.0	36.1	54.1	
54	51.8	41.4	62.2	





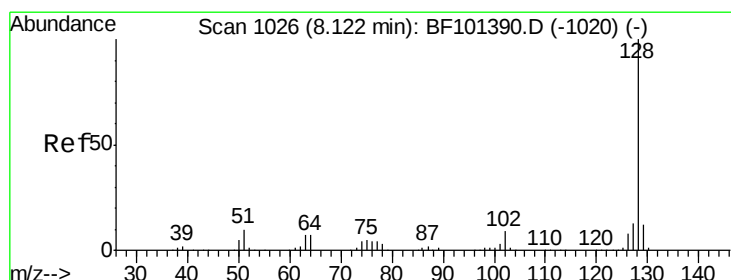
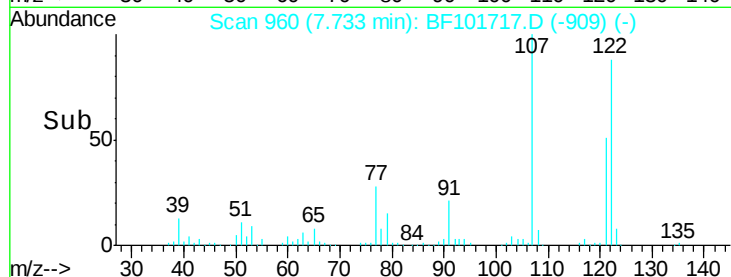
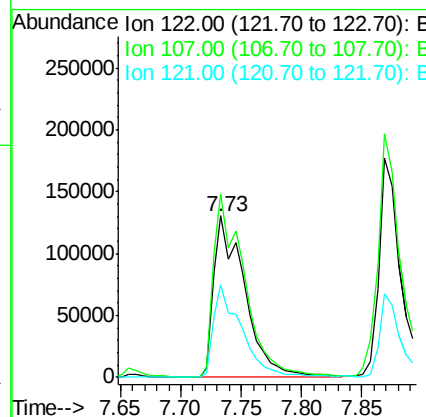
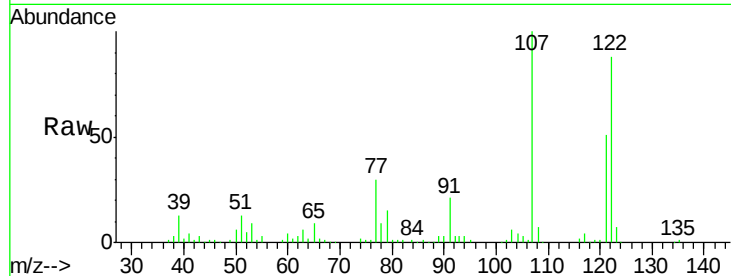
#27
2,4-Dimethylphenol
Concen: 29.414 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleID :
WC-10257-01DL

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.2	136.8
121	57.7	47.2	70.8

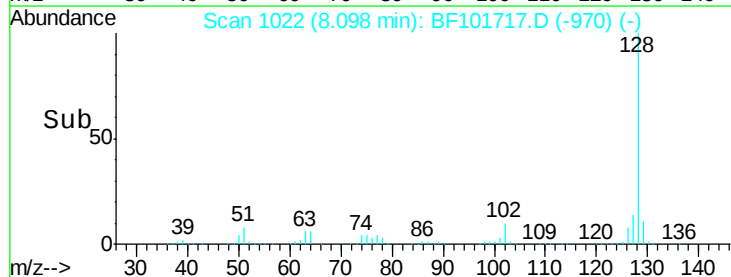
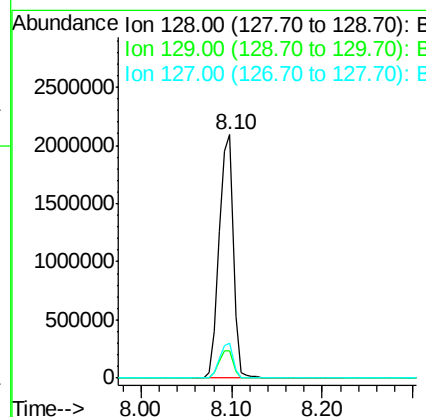
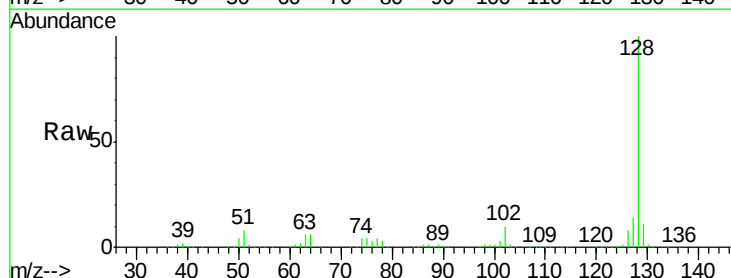
Manual Integrations
APPROVED

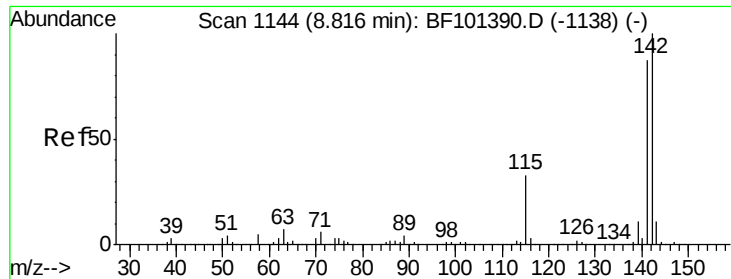
Sohil
12/27/2017 4:14:42 PM



#31
Naphthalene
Concen: 82.875 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	14.2	10.9	16.3





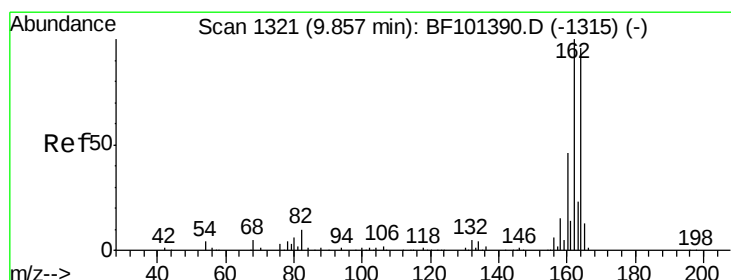
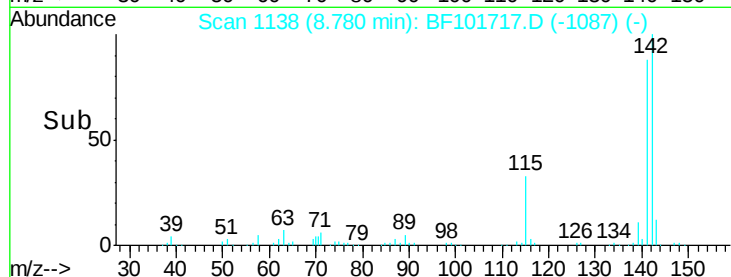
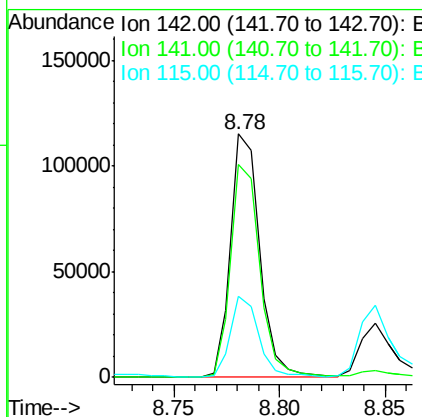
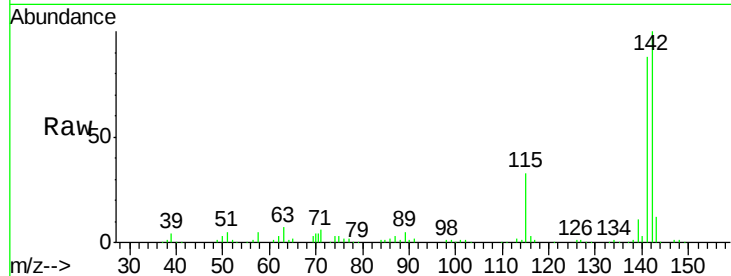
#37
2-Methylnaphthalene
Concen: 6.166 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	33.0	26.1	39.1

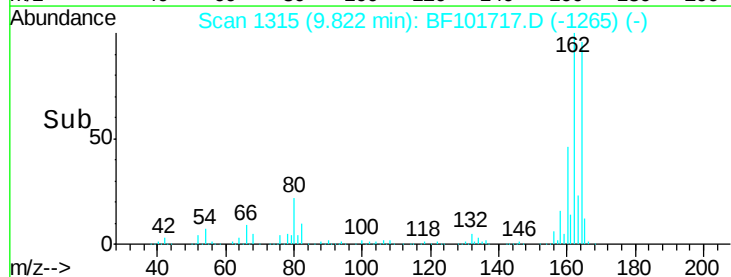
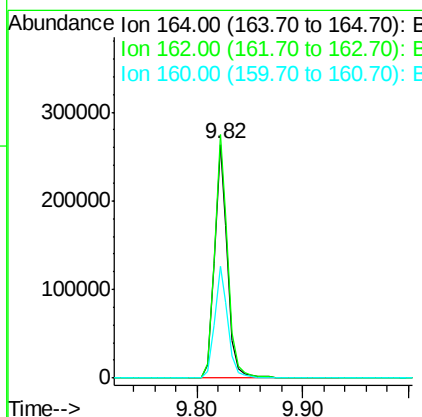
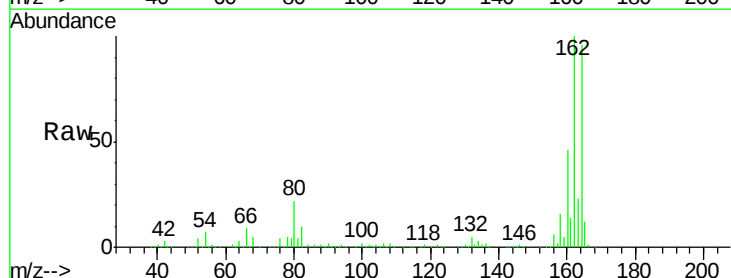
Manual Integrations
APPROVED

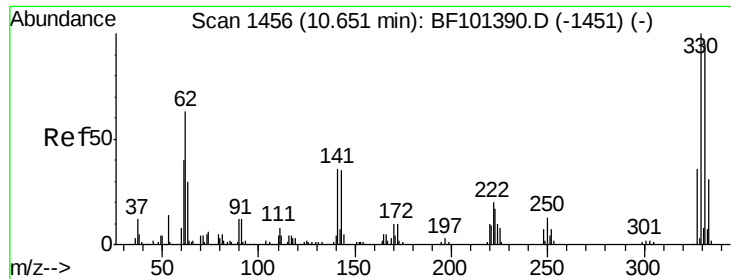
Sohil
12/27/2017 4:14:42 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.8	38.3	57.5





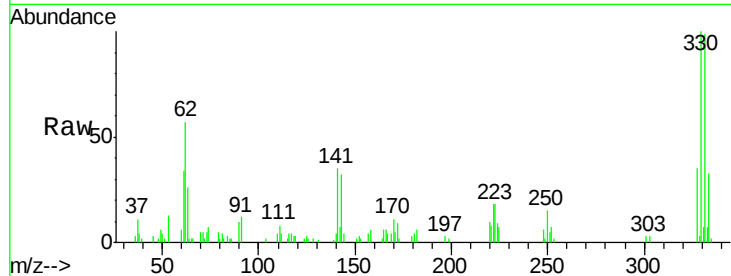
#41
 2,4,6-Tribromophenol
 Concen: 13.043 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101717.D
 Acq: 26 Dec 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 WC-10257-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	28987		
332	96.1	77.0	115.6	
141	38.4	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 12/27/2017 4:14:42 PM

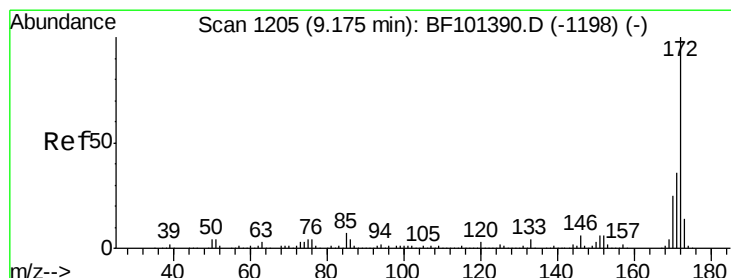
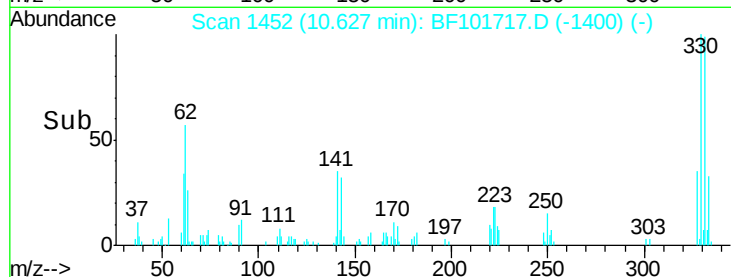
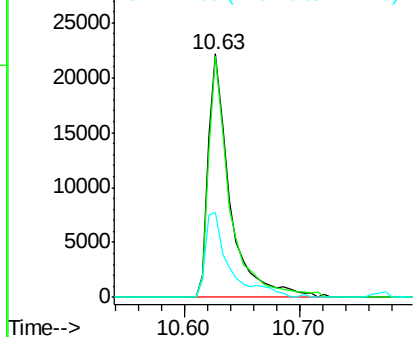


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 14.757 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101717.D
 Acq: 26 Dec 2017 16:00

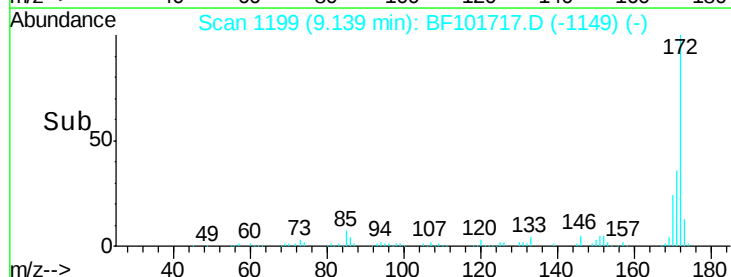
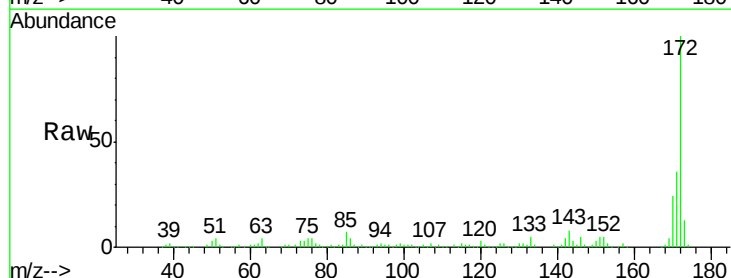
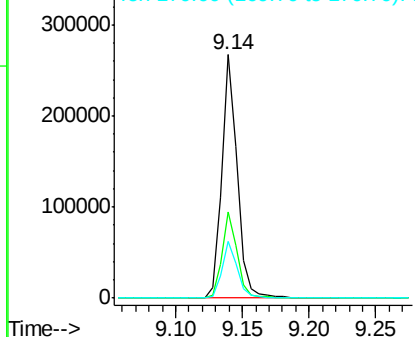
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	219398		
171	35.6	29.7	44.5	
170	23.5	19.6	29.4	

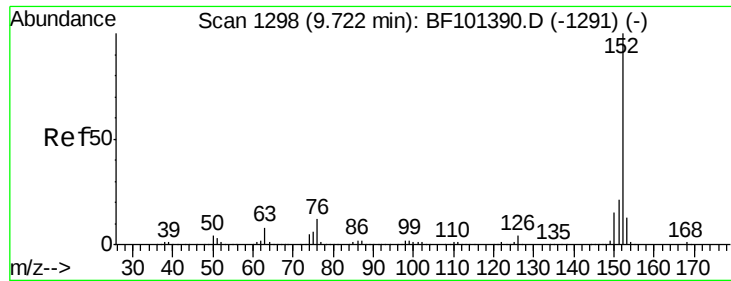
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





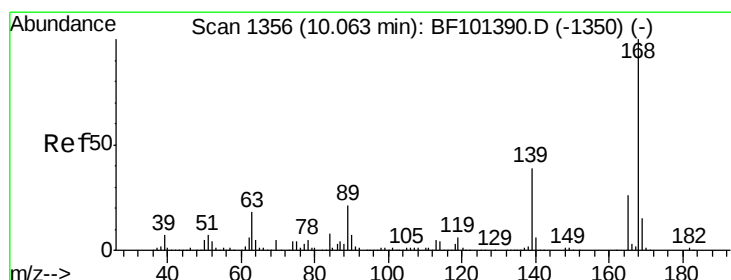
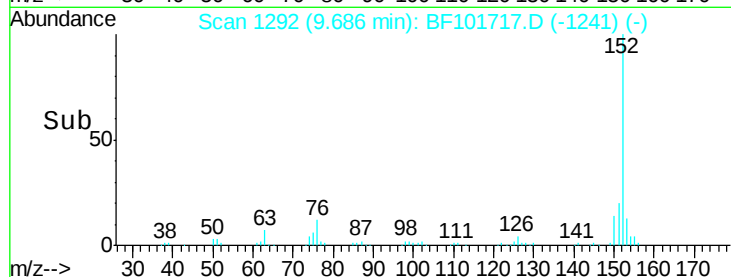
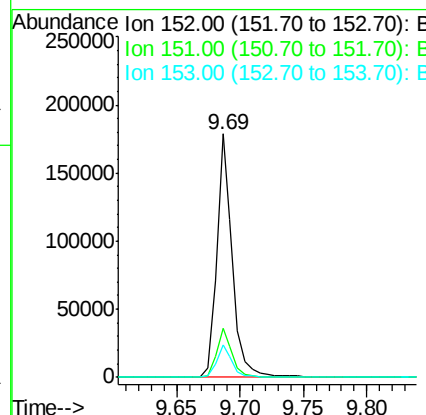
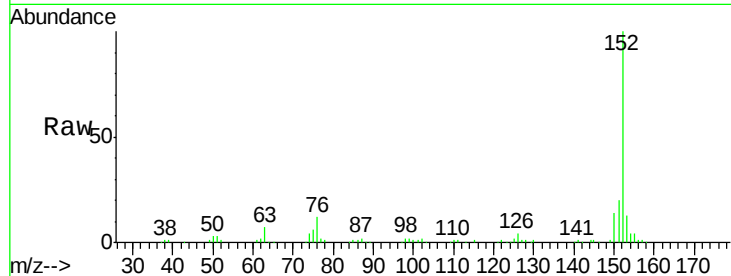
#48
Acenaphthylene
Concen: 6.231 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	154019		
151	20.0	16.3	24.5	
153	13.4	10.7	16.1	

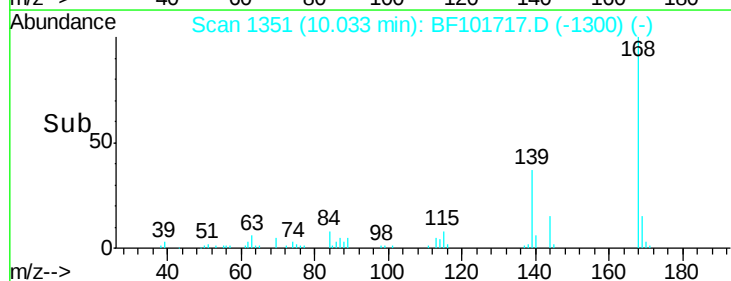
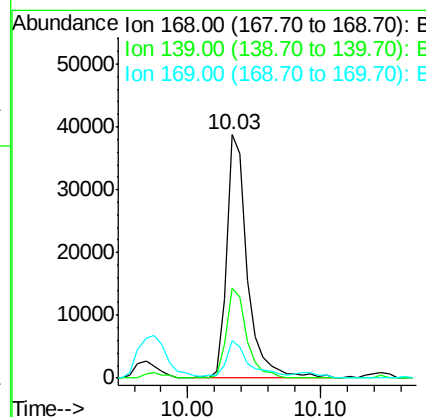
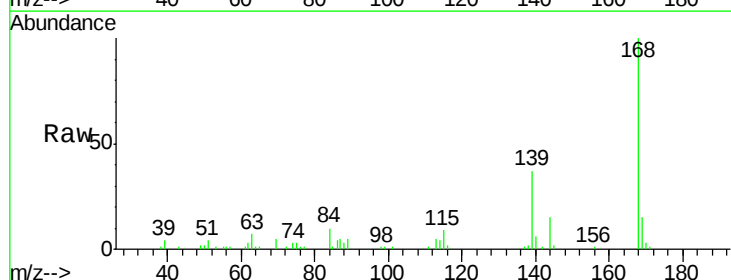
Manual Integrations
APPROVED

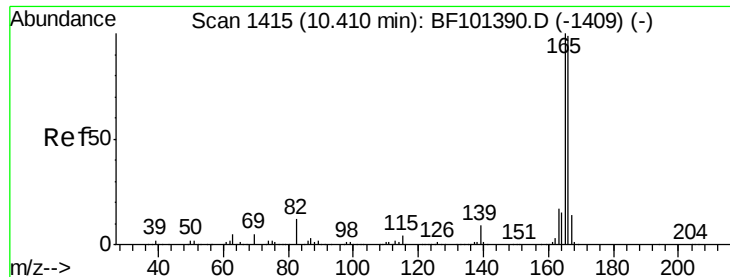
Sohil
12/27/2017 4:14:42 PM



#54
Dibenzofuran
Concen: 2.247 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	42406		
139	36.9	30.1	45.1	
169	15.2	10.9	16.3	





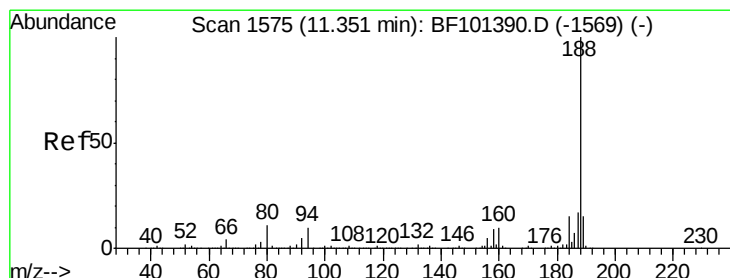
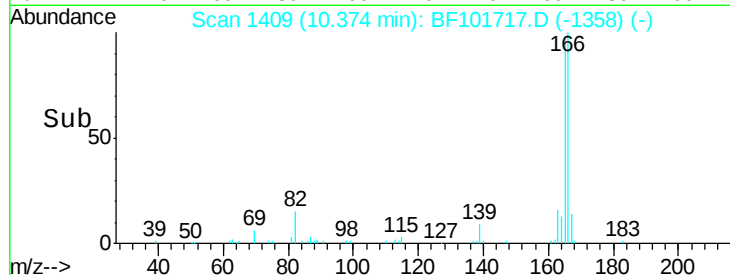
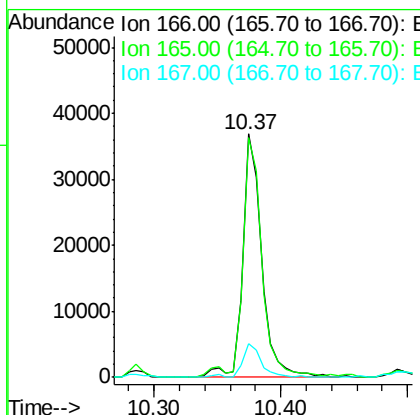
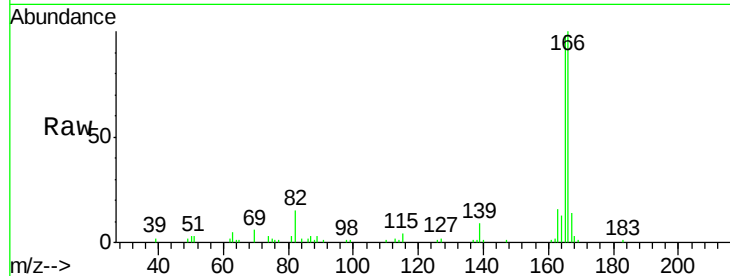
#57
Fluorene
 Concen: 2.385 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF101717.D
 Acq: 26 Dec 2017 16:00

Instrument :
 BNA_F
 ClientSampleID :
 WC-10257-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	38083		
165	98.3	79.8	119.8	
167	13.8	10.6	16.0	

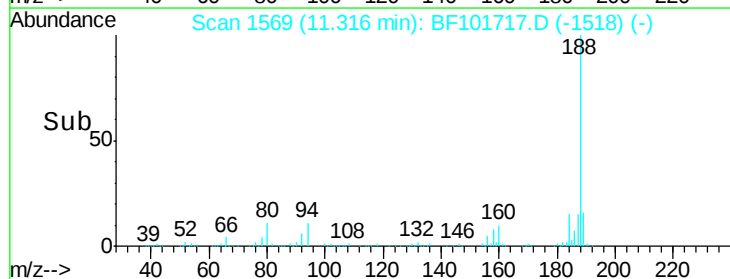
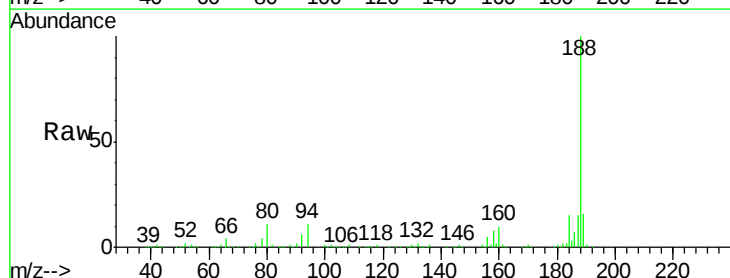
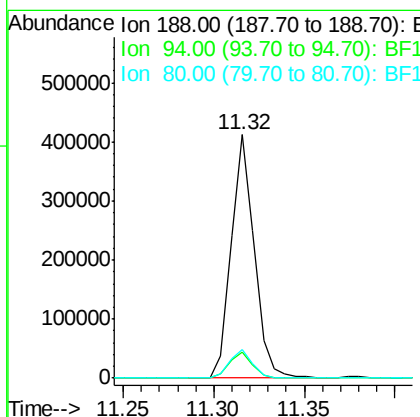
Manual Integrations
 APPROVED

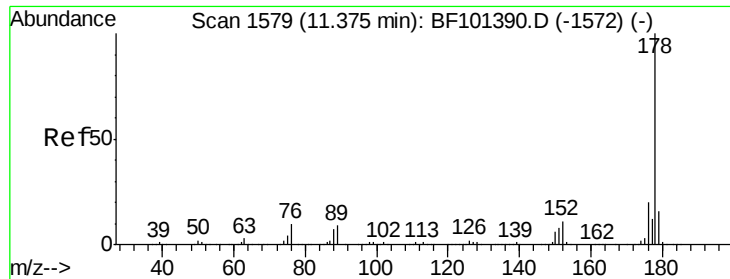
Sohil
 12/27/2017 4:14:42 PM



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF101717.D
 Acq: 26 Dec 2017 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	366653		
94	10.9	8.5	12.7	
80	11.5	9.2	13.8	





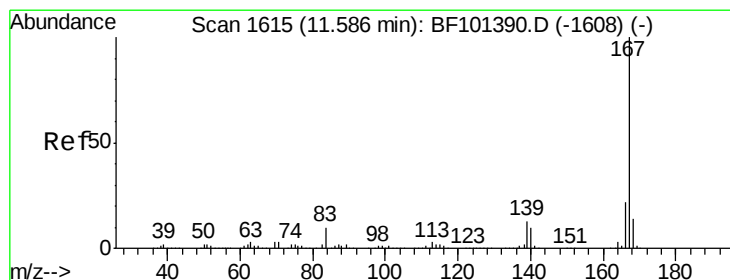
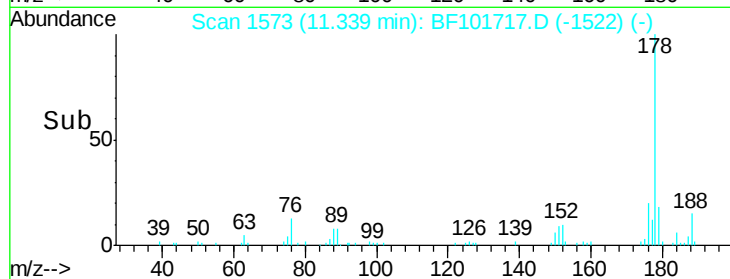
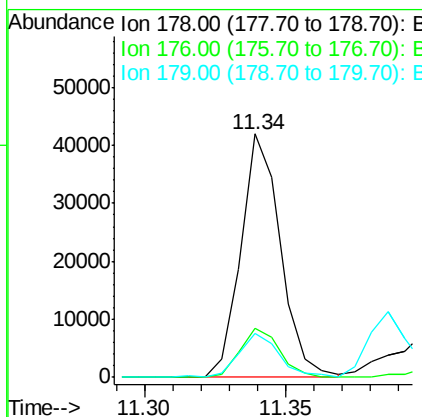
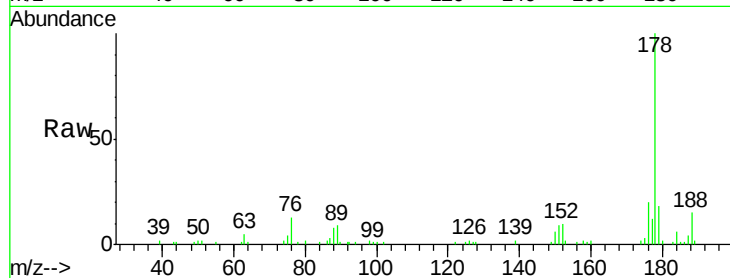
#70
Phenanthrene
Concen: 2.004 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	18.0	13.0	19.6

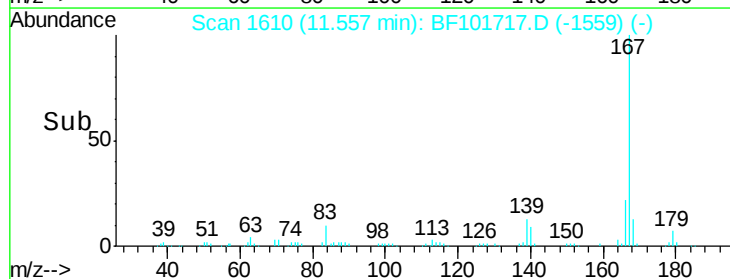
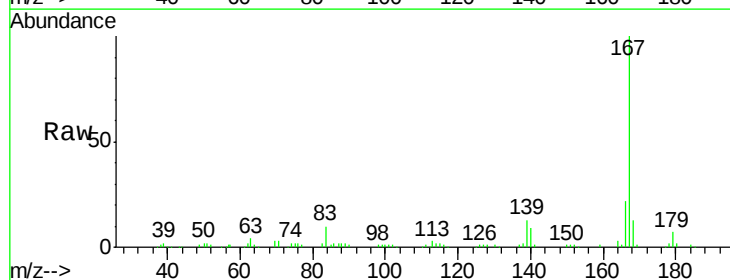
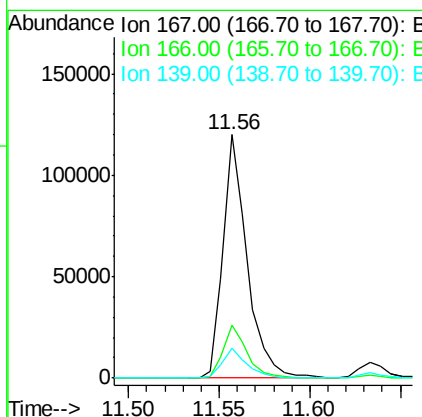
Manual Integrations
APPROVED

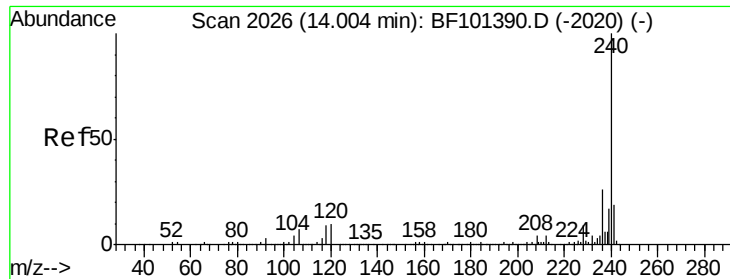
Sohil
12/27/2017 4:14:42 PM



#72
Carbazole
Concen: 5.699 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	12.5	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: BF101717.D

Acq: 26 Dec 2017 16:00

Instrument :

BNA_F

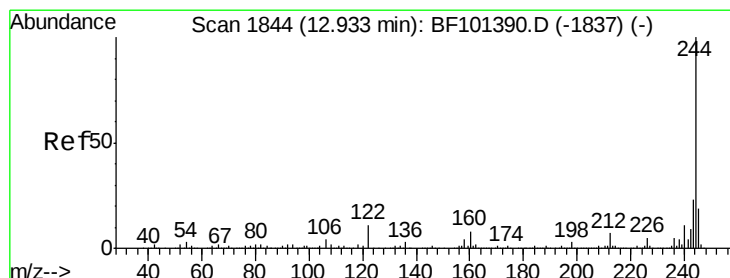
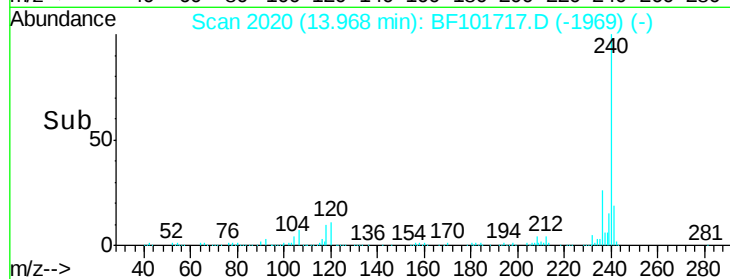
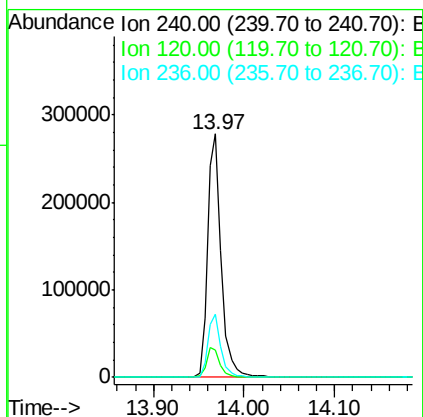
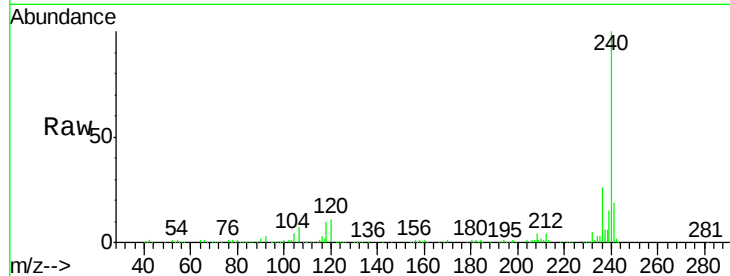
ClientSampleID :

WC-10257-01DL

Tgt Ion:	240	Resp:	294457
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
APPROVED

Sohil
12/27/2017 4:14:42 PM



#78

Terphenyl-d14

Concen: 14.037 ng

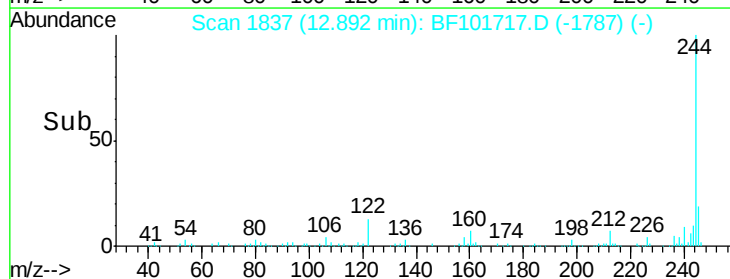
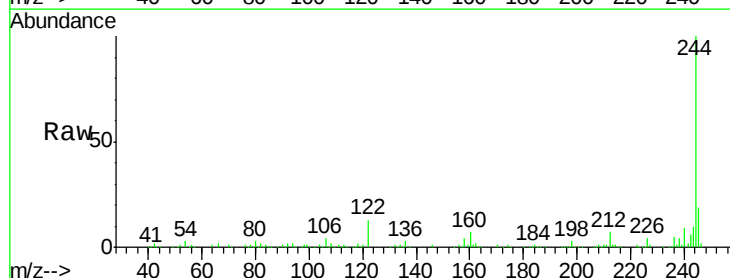
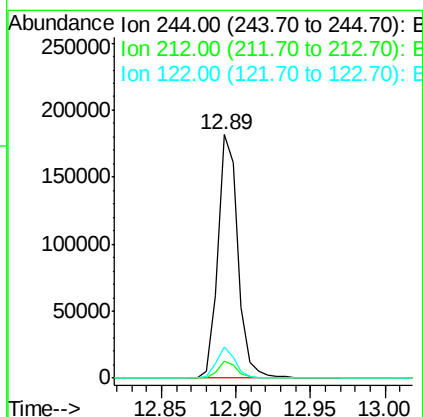
RT: 12.89 min Scan# 1837

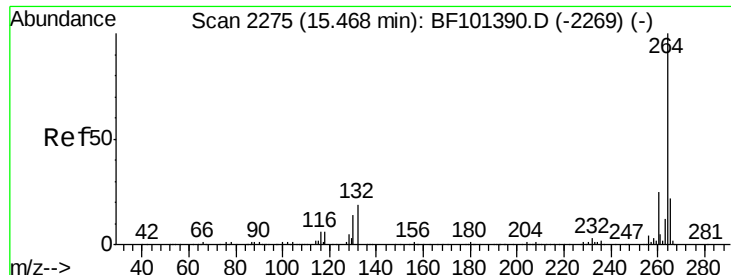
Delta R.T. -0.01 min

Lab File: BF101717.D

Acq: 26 Dec 2017 16:00

Tgt Ion:	244	Resp:	171450
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	12.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
12/27/2017 4:14:42 PM

