

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104117.D
 Acq On : 31 Mar 2018 2:10
 Operator : JU/SJ
 Sample : J2142-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GB-RT-4252

Manual Integrations
 APPROVED

Sohil
 4/2/2018 5:06:11 PM

Quant Time: Mar 31 04:30:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	109568	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	447733	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	191246	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	298141	20.00	ng	0.00
75) Chrysene-d12	14.14	240	235157	20.00	ng	0.00
86) Perylene-d12	15.69	264	201064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	649571	94.54	ng	0.01
7) Phenol-d6	6.59	99	874107	103.41	ng	0.00
23) Nitrobenzene-d5	7.52	82	505104	68.99	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	173589	81.52	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	791522	65.26	ng	0.00
78) Terphenyl-d14	13.07	244	634655	62.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	65991	4.370	ng	Qvalue 100
57) Fluorene	10.54	166	28799	2.107	ng	# 98
70) Phenanthrene	11.52	178	393615	24.385	ng	99
71) Anthracene	11.57	178	138871	8.236	ng	97
74) Fluoranthene	12.71	202	747414	43.561	ng	98
77) Pyrene	12.94	202	618383	36.581	ng	99
80) Benzo(a)anthracene	14.13	228	340145	23.117	ng	98
82) Chrysene	14.17	228	279051	19.363	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	118748	7.951	ng	# 87
87) Benzo(b)fluoranthene	15.23	252	296714m	24.248	ng	
88) Benzo(k)fluoranthene	15.25	252	140656m	12.202	ng	
89) Benzo(a)pyrene	15.62	252	223905	19.745	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	24220	2.310	ng	96
91) Benzo(g,h,i)perylene	17.74	276	100974	9.616	ng	96

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

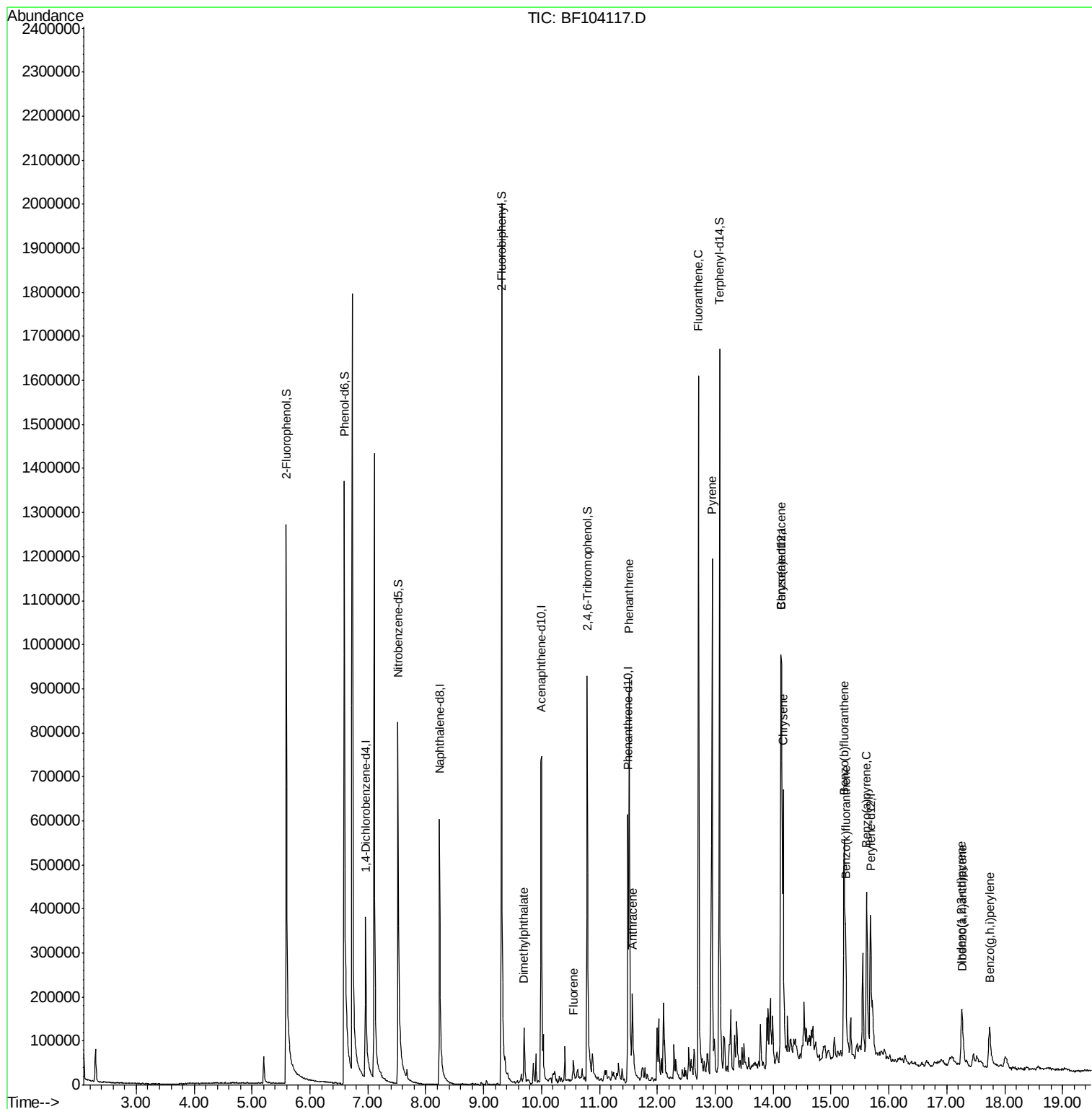
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104117.D
Acq On : 31 Mar 2018 2:10
Operator : JU/SJ
Sample : J2142-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GB-RT-4252

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:11 PM

Quant Time: Mar 31 04:30:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration





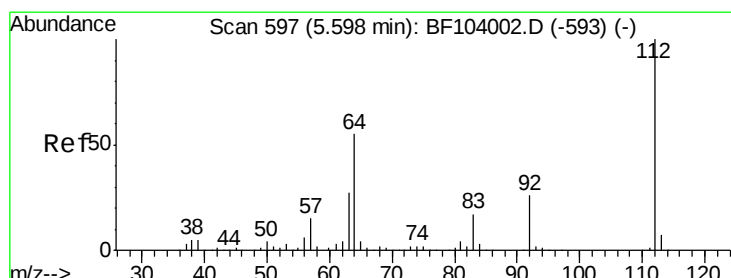
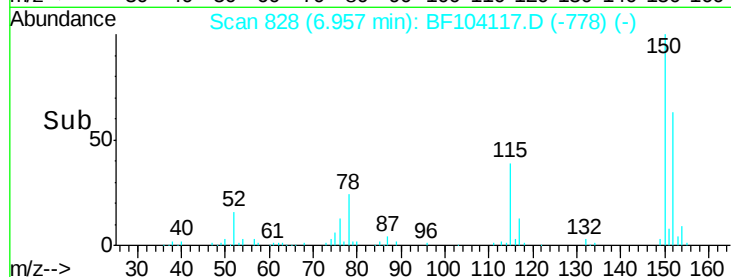
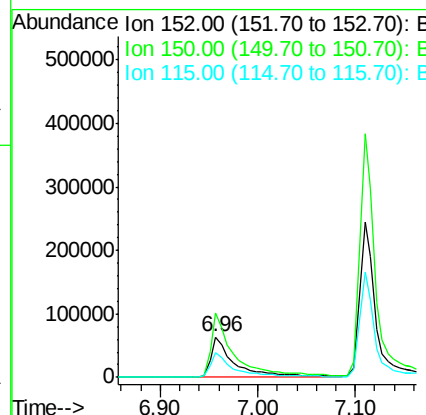
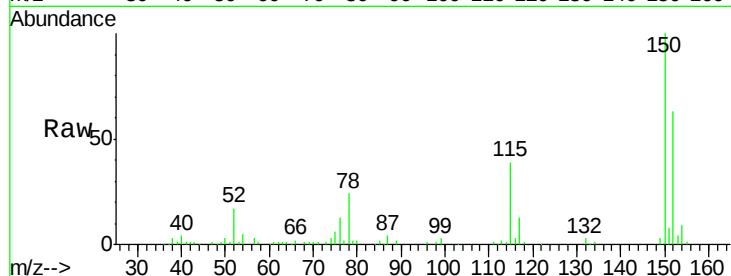
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104117.D
 Acq: 31 Mar 2018 2:10

Instrument :
 BNA_F
 ClientSampleID :
 GB-RT-4252

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	62.8	50.1	75.1

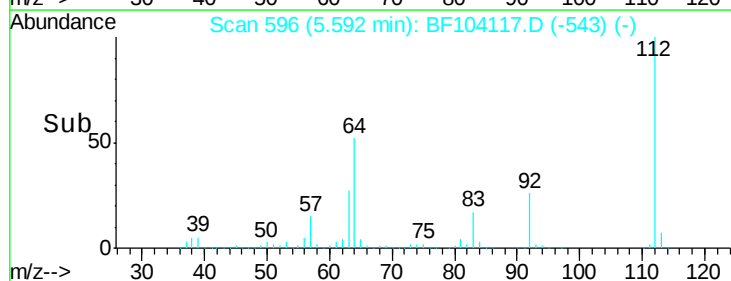
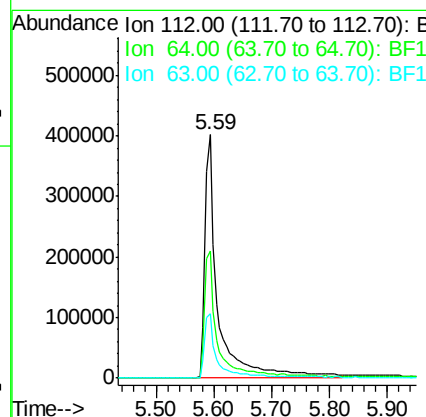
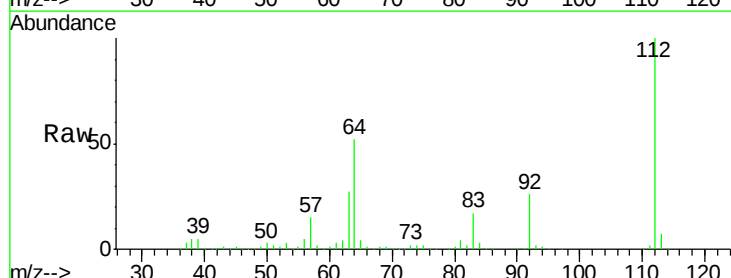
Manual Integrations
 APPROVED

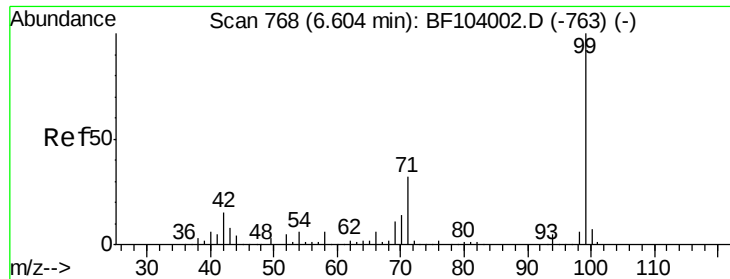
Sohil
 4/2/2018 5:06:11 PM



#5
 2-Fluorophenol
 Concen: 94.544 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104117.D
 Acq: 31 Mar 2018 2:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.6	23.7	35.5





#7

Phenol-d6

Concen: 103.410 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104117.D

Acq: 31 Mar 2018 2:10

Instrument :

BNA_F

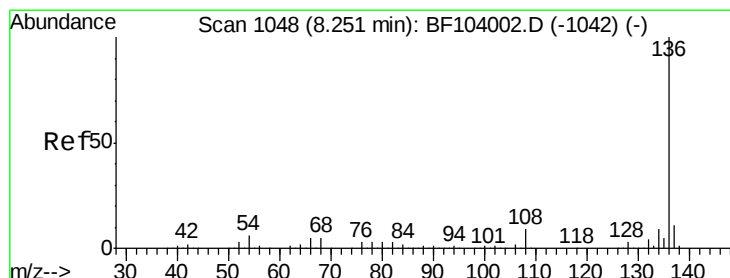
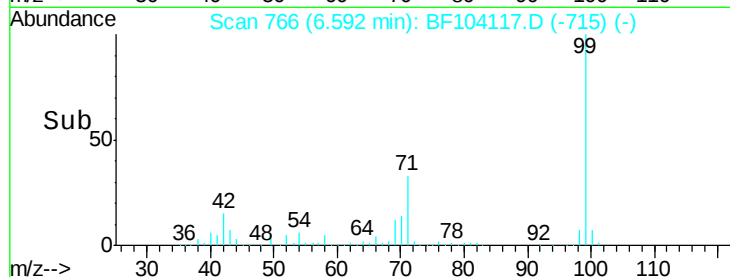
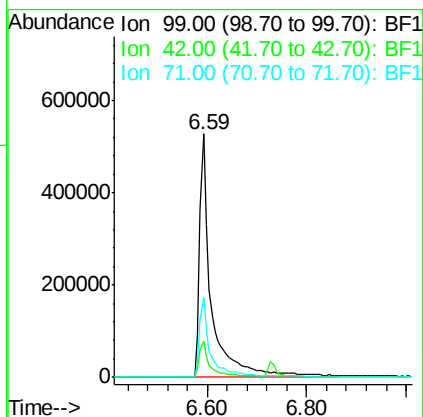
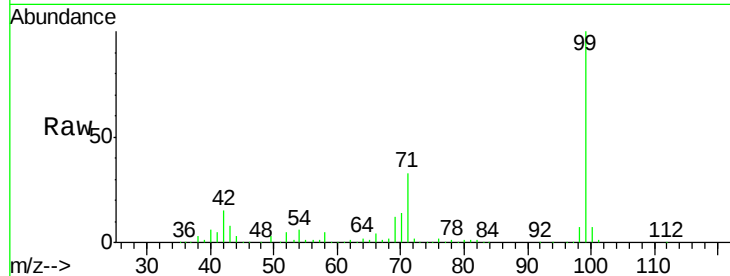
ClientSampleId :

GB-RT-4252

Tot Ion:	99	Resp:	874107
Ion Ratio	Lower	Upper	
99	100		
42	15.0	14.5	21.7
71	32.6	25.4	38.0

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:11 PM



#21

Naphthalene-d8

Concen: 20.000 ng

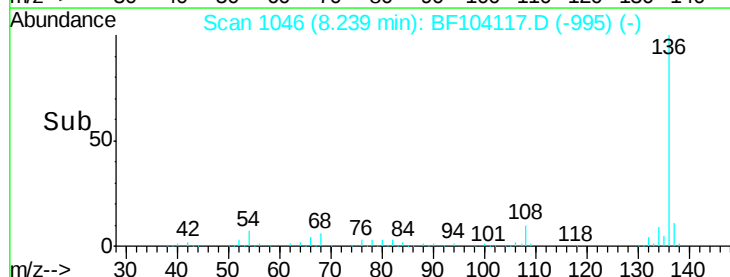
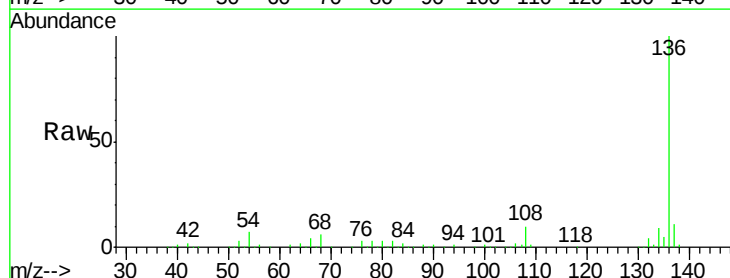
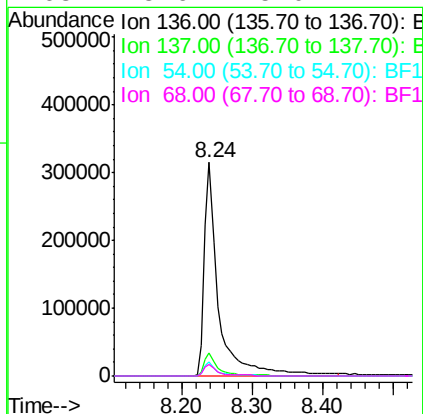
RT: 8.24 min Scan# 1046

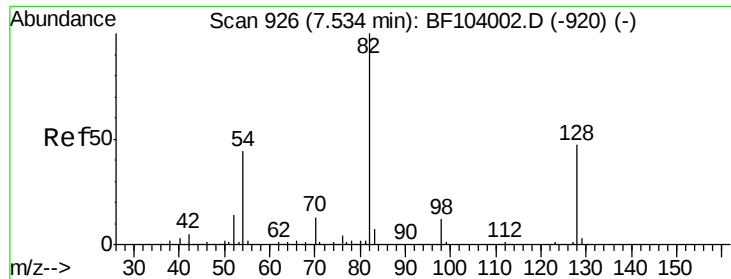
Delta R.T. -0.00 min

Lab File: BF104117.D

Acq: 31 Mar 2018 2:10

Tgt Ion:	136	Resp:	447733
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	6.7	6.6	9.8
68	5.6	5.0	7.4





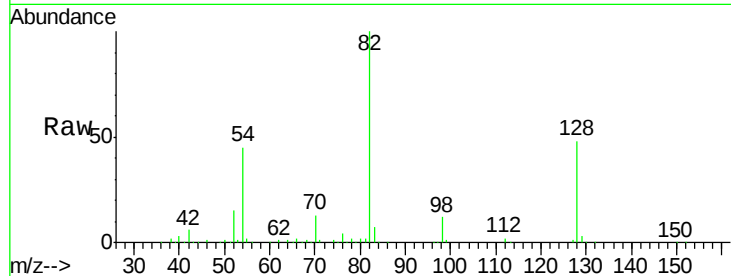
#23
Nitrobenzene-d5
Concen: 68.992 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :
GB-RT-4252

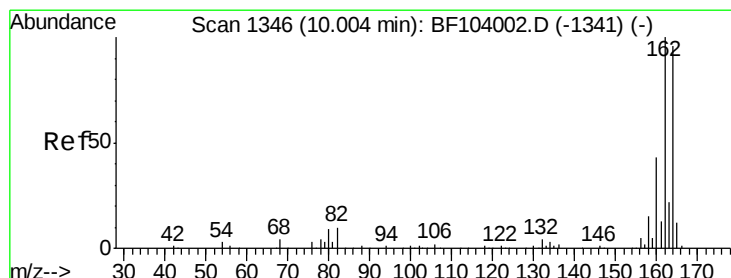
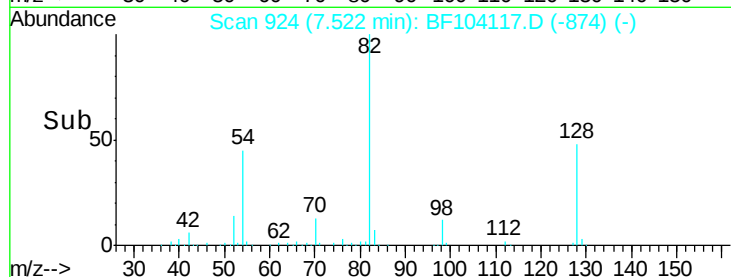
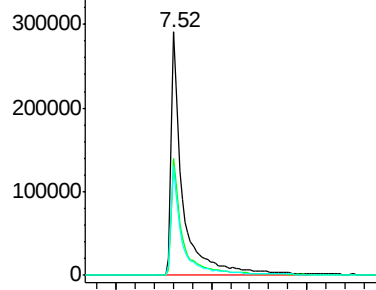
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	44.9	41.4	62.2

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:11 PM



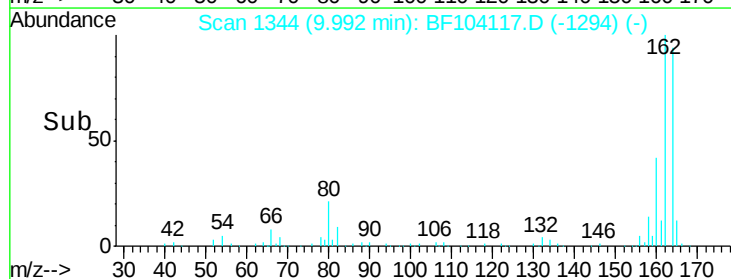
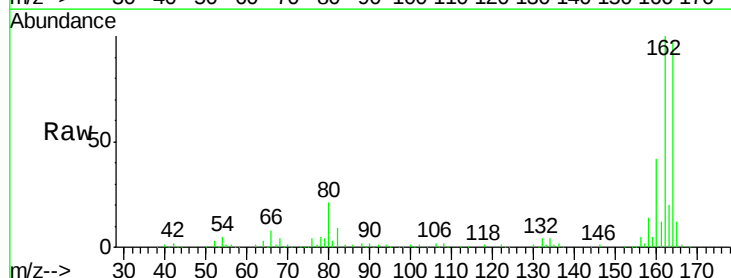
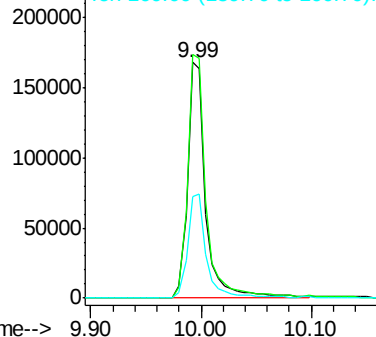
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

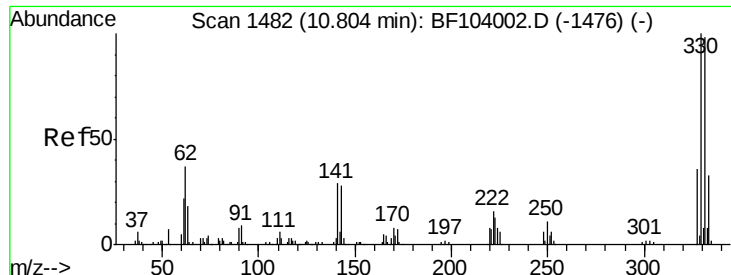


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	43.0	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





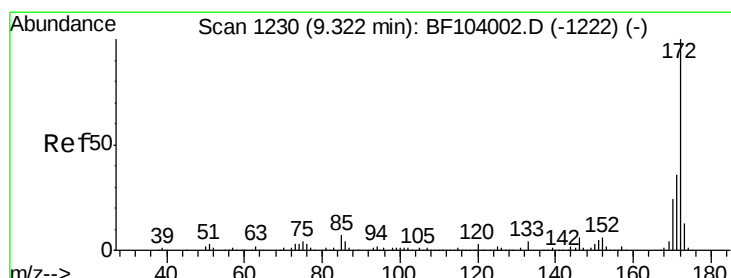
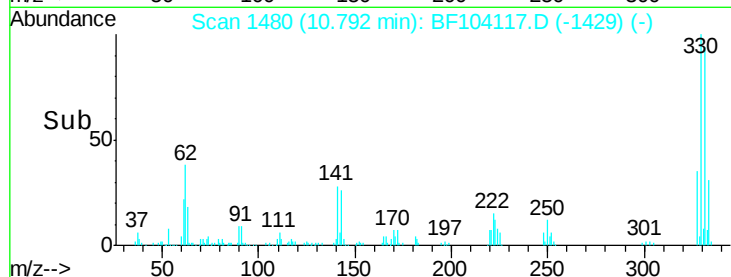
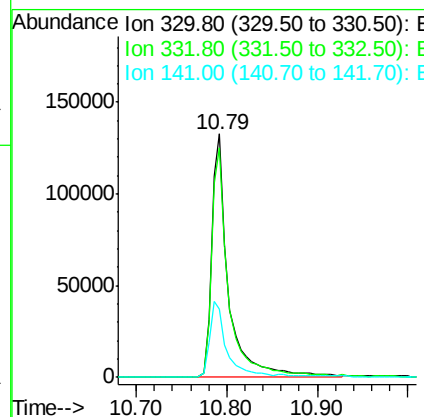
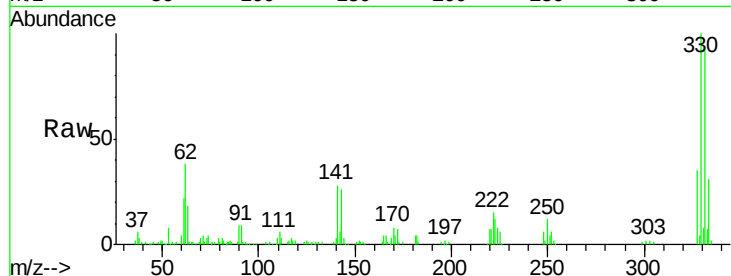
#41
 2,4,6-Tribromophenol
 Concen: 81.515 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF104117.D
 Acq: 31 Mar 2018 2:10

Instrument :
 BNA_F
 ClientSampleId :
 GB-RT-4252

Tot Ion	Ratio	Resp	Lower	Upper
330	100	173589		
332	97.3		77.0	115.6
141	33.0		29.9	44.9

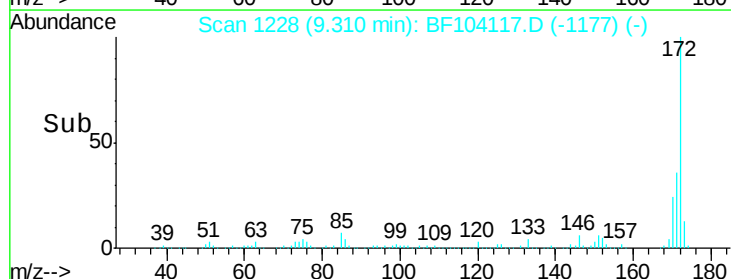
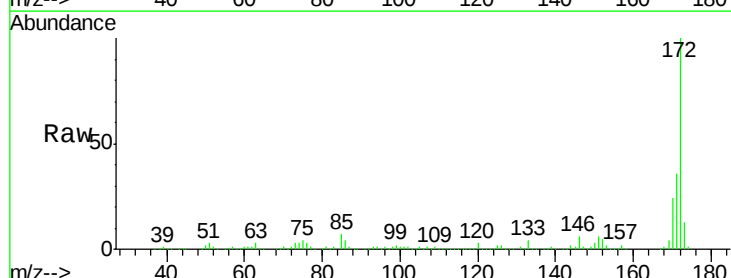
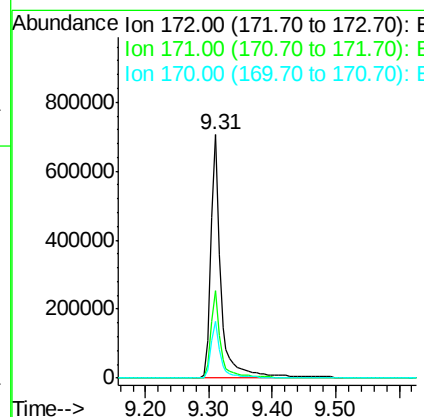
Manual Integrations
 APPROVED

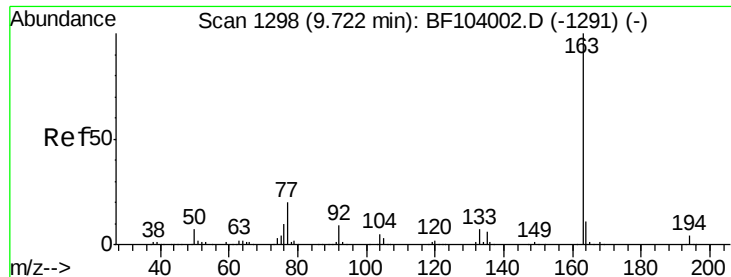
Sohil
 4/2/2018 5:06:11 PM



#44
 2-Fluorobiphenyl
 Concen: 65.265 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF104117.D
 Acq: 31 Mar 2018 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	791522		
171	35.9		29.7	44.5
170	23.5		19.6	29.4





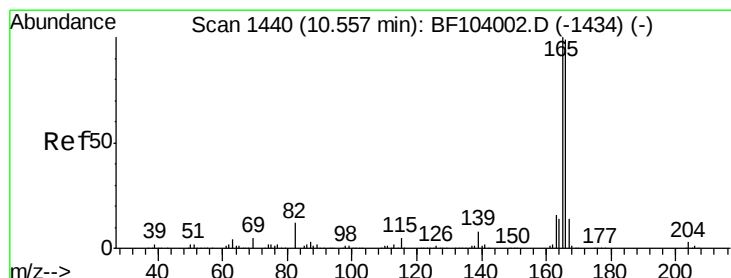
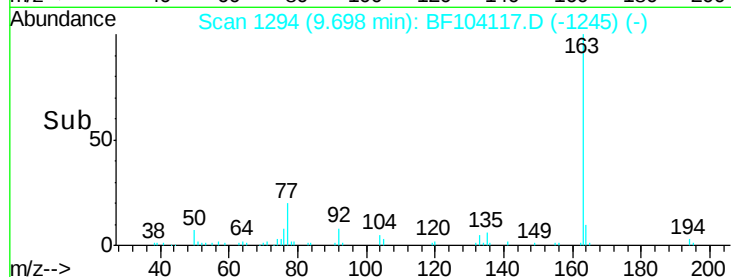
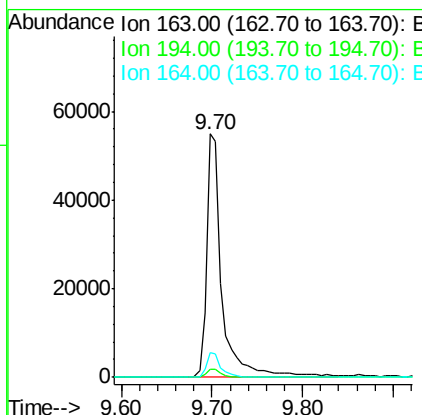
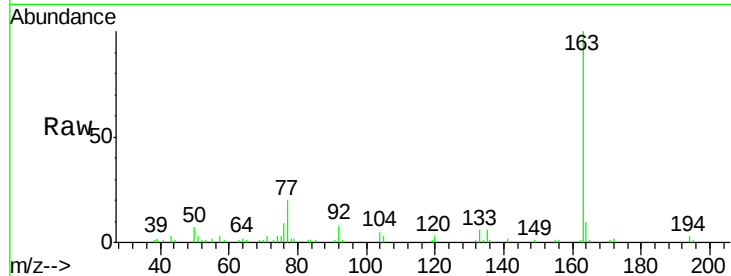
#49
Dimethylphthalate
Concen: 4.370 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :
GB-RT-4252

Tot Ion:	163	Resp:	65991
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

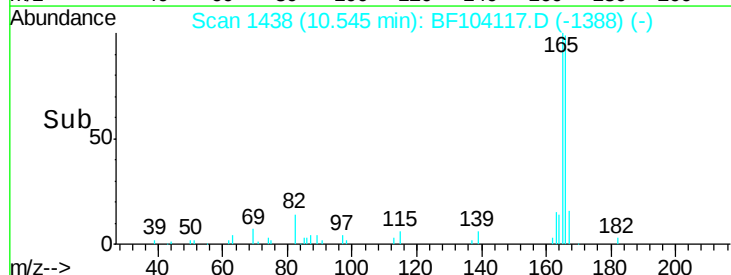
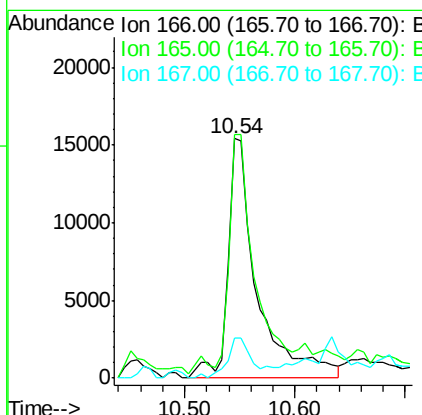
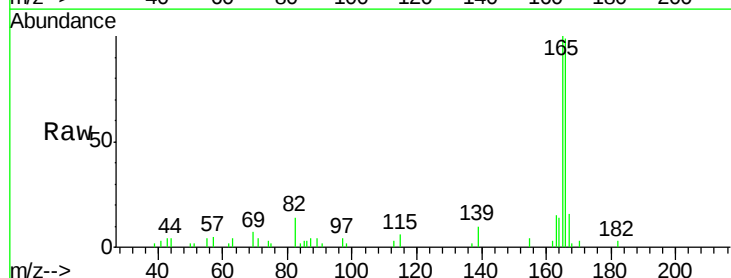
Manual Integrations
APPROVED

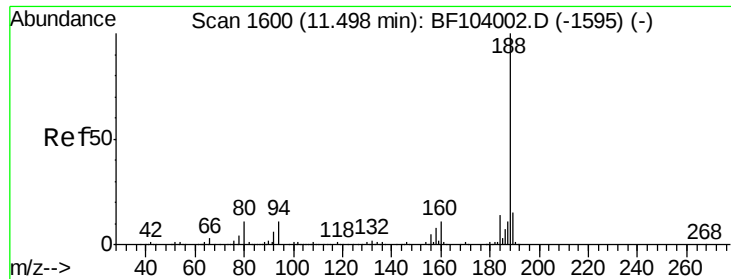
Sohil
4/2/2018 5:06:11 PM



#57
Fluorene
Concen: 2.107 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:	166	Resp:	28799
Ion Ratio	Lower	Upper	
166	100		
165	101.5	79.8	119.8
167	16.5	10.6	16.0#





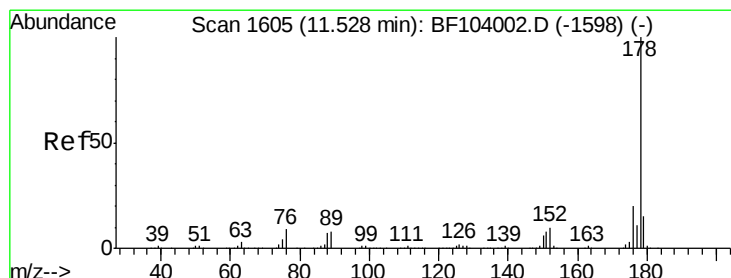
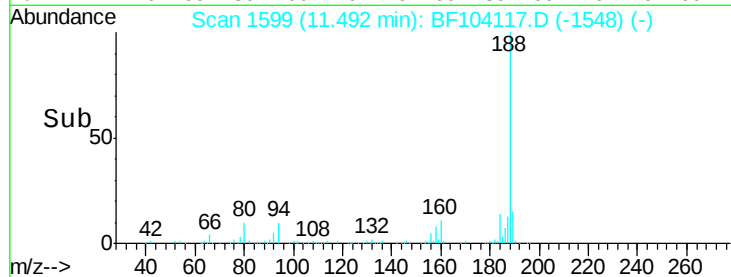
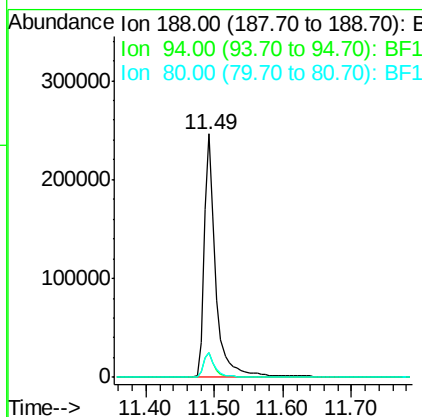
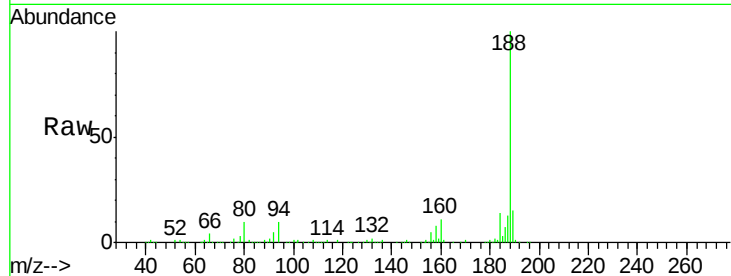
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :
GB-RT-4252

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.3	9.2	13.8

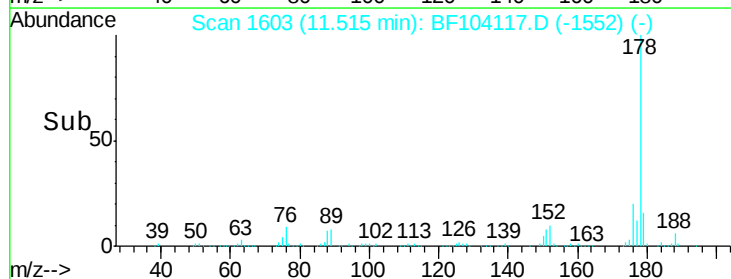
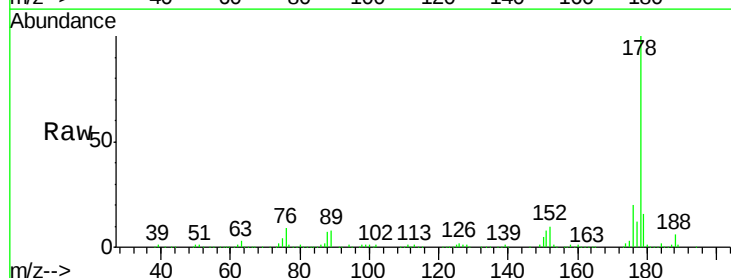
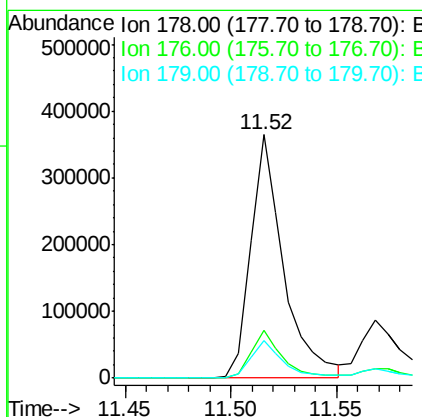
Manual Integrations
APPROVED

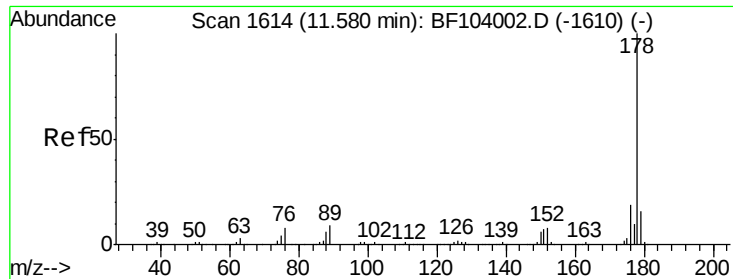
Sohil
4/2/2018 5:06:11 PM



#70
Phenanthrene
Concen: 24.385 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	13.0	19.6





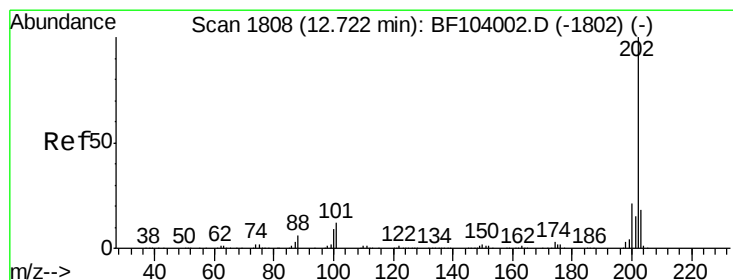
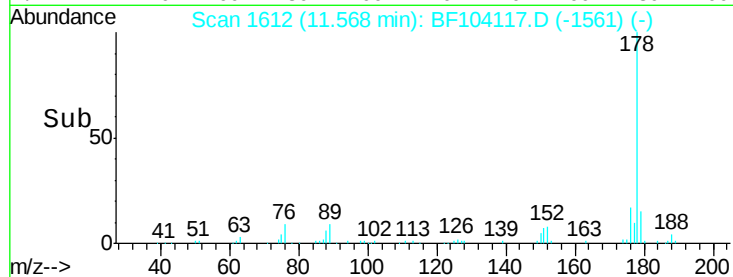
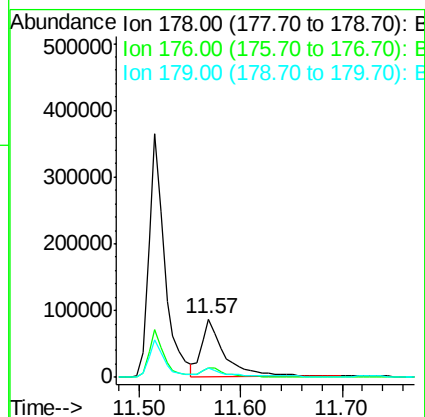
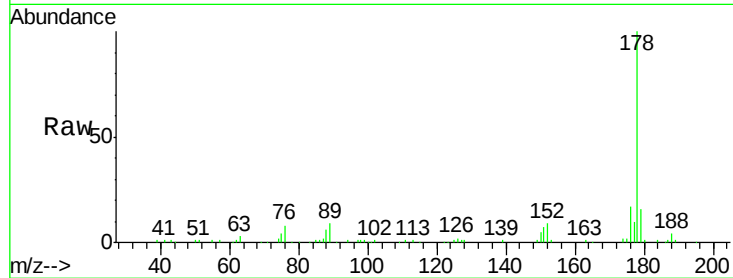
#71
 Anthracene
 Concen: 8.236 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104117.D
 Acq: 31 Mar 2018 2:10

Instrument :
 BNA_F
 ClientSampleId :
 GB-RT-4252

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.4	23.2
179	15.5	12.6	19.0

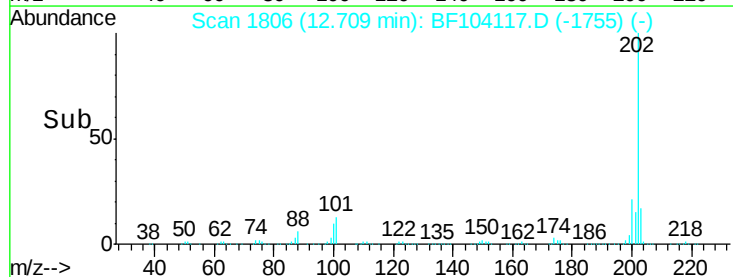
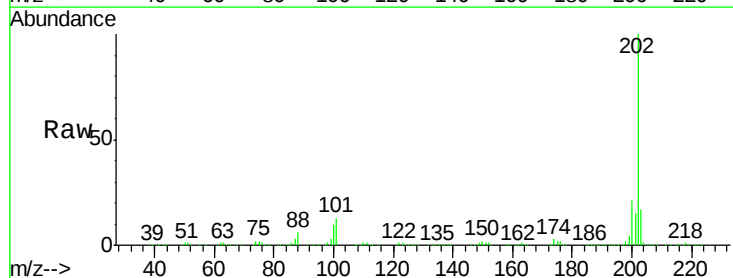
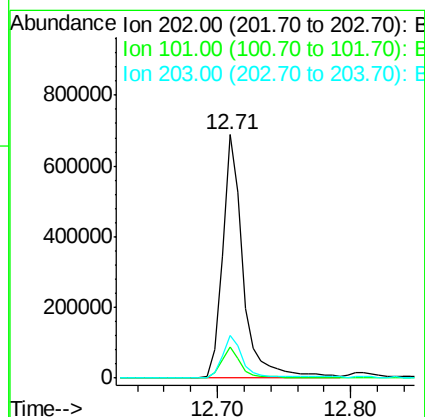
Manual Integrations
 APPROVED

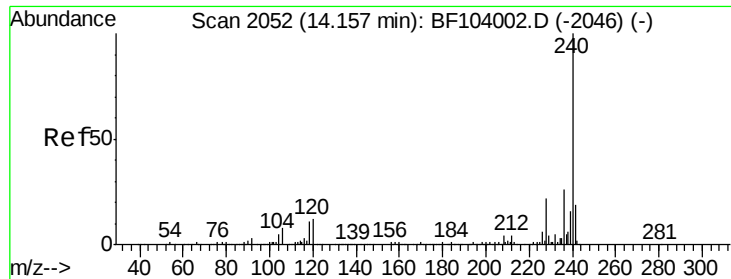
Sohil
 4/2/2018 5:06:11 PM



#74
 Fluoranthene
 Concen: 43.561 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BF104117.D
 Acq: 31 Mar 2018 2:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF104117.D

Acq: 31 Mar 2018 2:10

Instrument :

BNA_F

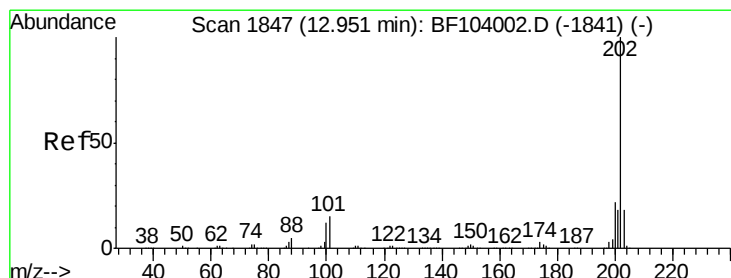
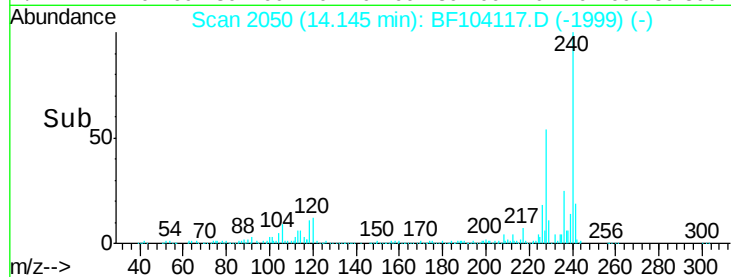
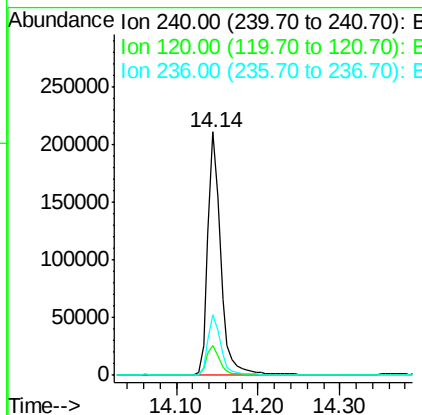
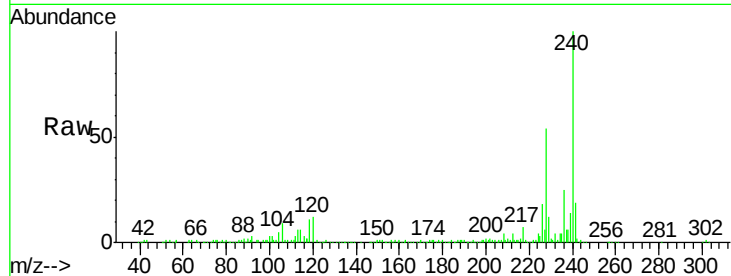
ClientSampleId :

GB-RT-4252

Tot Ion:	240	Resp:	235157
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	24.8	20.7	31.1

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:11 PM



#77

Pyrene

Concen: 36.581 ng

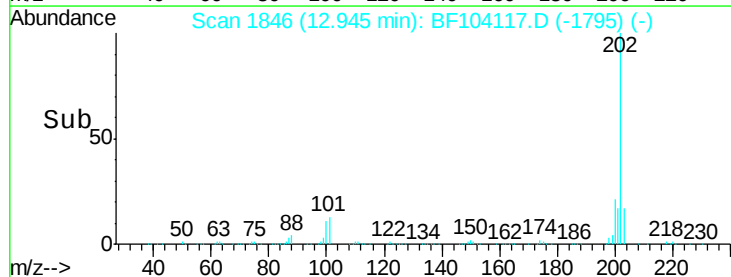
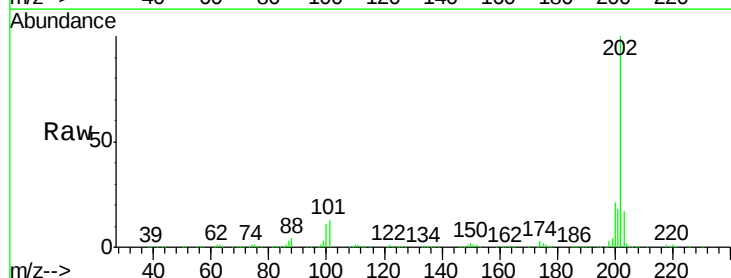
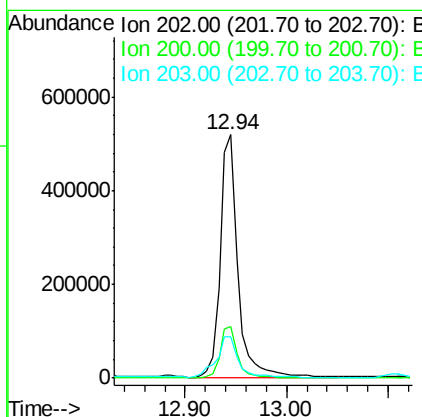
RT: 12.94 min Scan# 1846

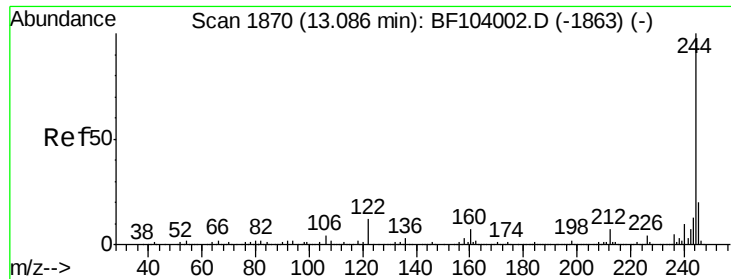
Delta R.T. -0.00 min

Lab File: BF104117.D

Acq: 31 Mar 2018 2:10

Tgt Ion:	202	Resp:	618383
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.2	14.3	21.5





#78

Terphenyl-d14

Concen: 62.315 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BF104117.D

Acq: 31 Mar 2018 2:10

Instrument :

BNA_F

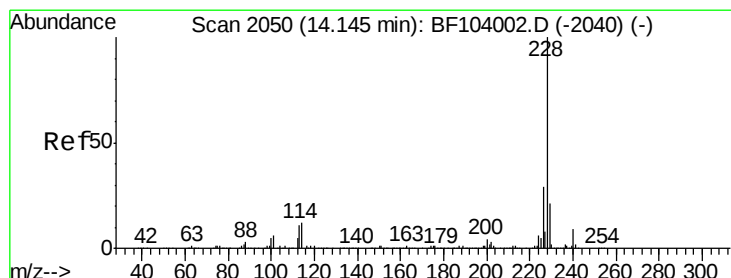
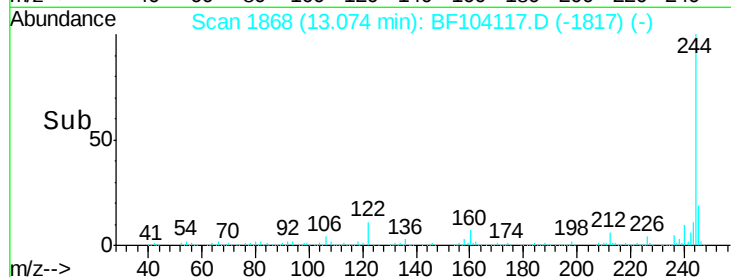
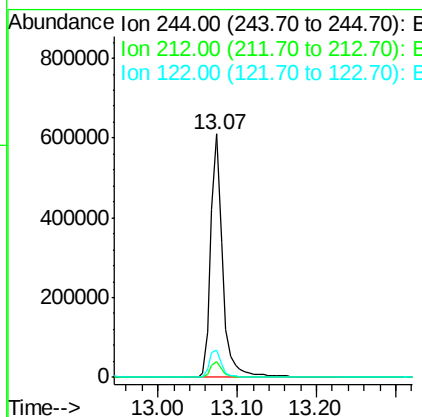
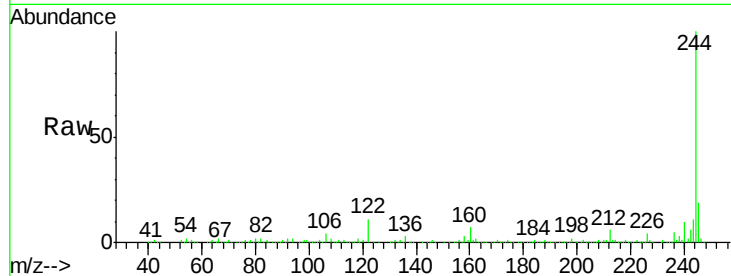
ClientSampled :

GB-RT-4252

Tot Ion:	244	Resp:	634655
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	11.3	11.0	16.4

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:11 PM



#80

Benzo(a)anthracene

Concen: 23.117 ng

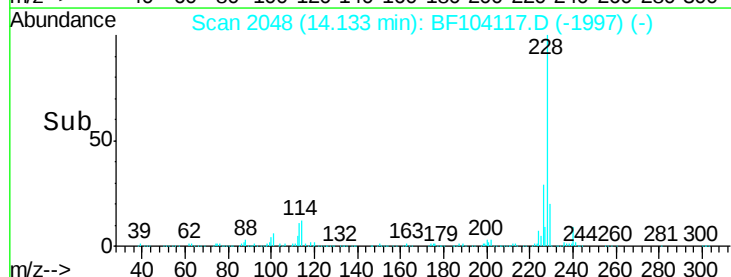
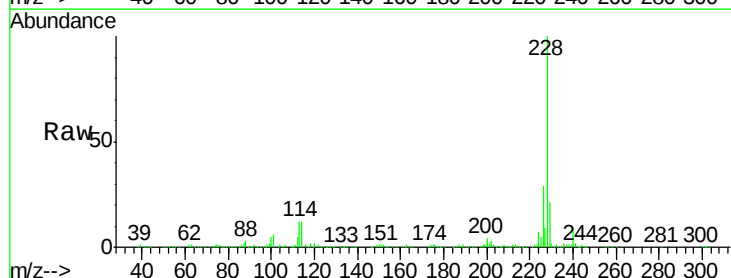
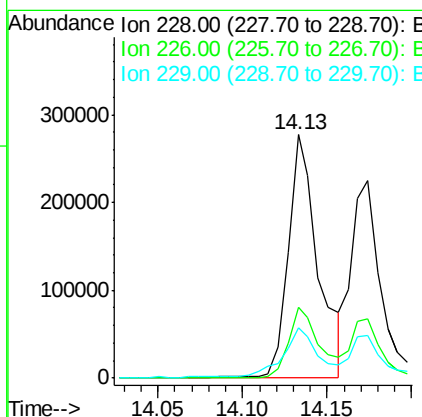
RT: 14.13 min Scan# 2048

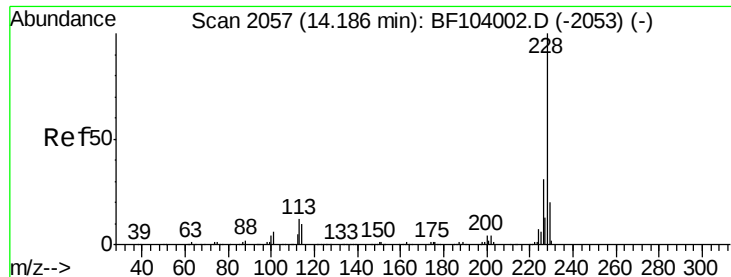
Delta R.T. -0.00 min

Lab File: BF104117.D

Acq: 31 Mar 2018 2:10

Tgt Ion:	228	Resp:	340145
Ion Ratio	Lower	Upper	
228	100		
226	29.2	22.6	33.8
229	20.8	15.8	23.6





#82

Chrysene

Concen: 19.363 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BF104117.D

Acq: 31 Mar 2018 2:10

Instrument :

BNA_F

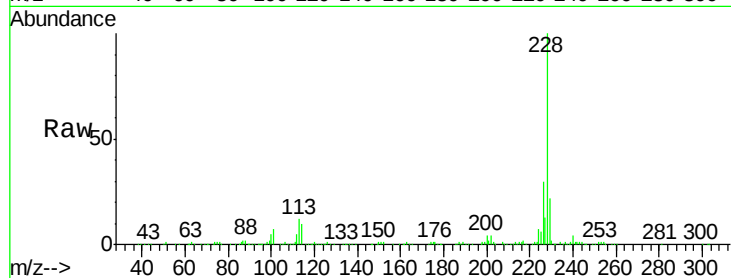
ClientSampleId :

GB-RT-4252

Tot Ion:	228	Resp:	279051
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	21.7	16.2	24.4

Manual Integrations
APPROVED

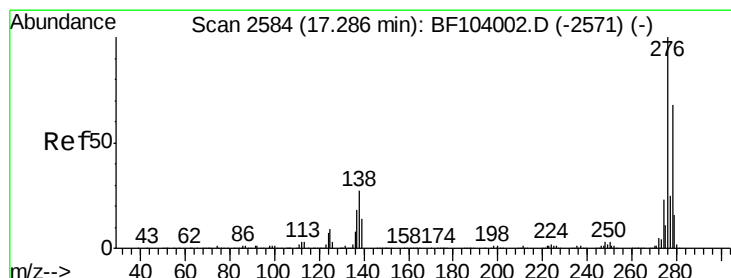
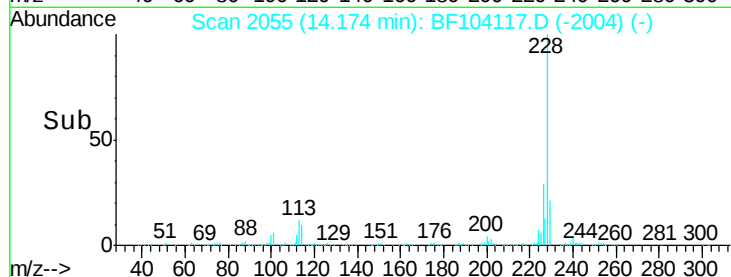
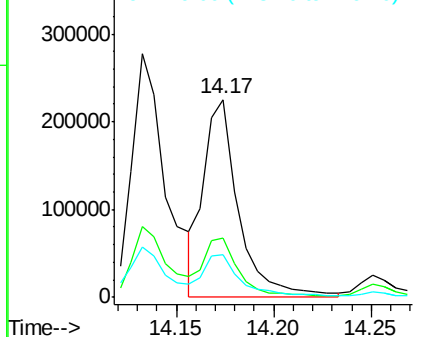
Sohil
4/2/2018 5:06:11 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 7.951 ng

RT: 17.26 min Scan# 2580

Delta R.T. -0.00 min

Lab File: BF104117.D

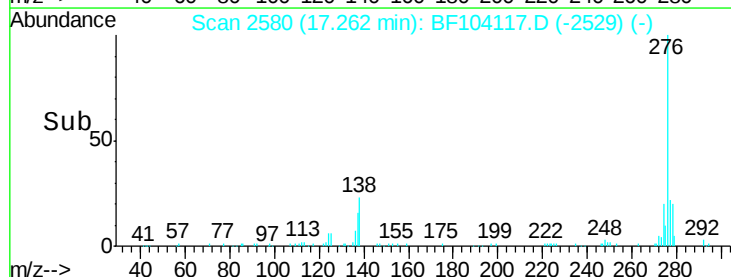
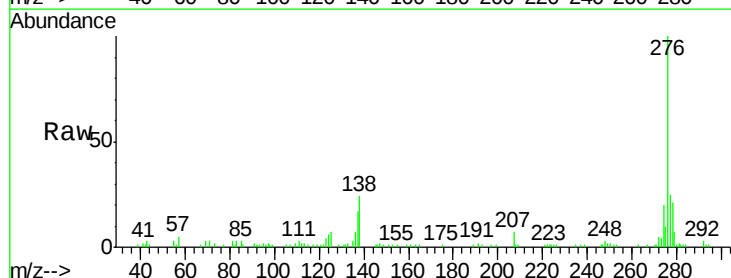
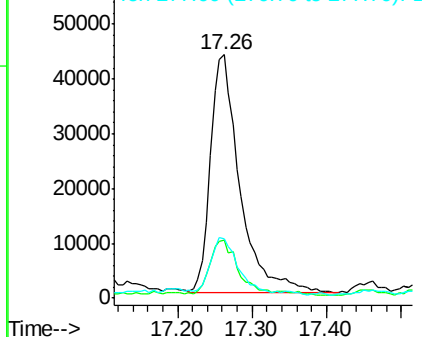
Acq: 31 Mar 2018 2:10

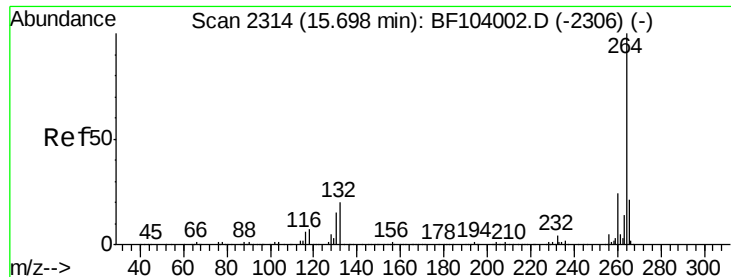
Tgt Ion:	276	Resp:	118748
Ion Ratio	Lower	Upper	
276	100		
138	21.8	25.0	37.6#
277	20.7	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. 0.01 min

Lab File: BF104117.D

Acq: 31 Mar 2018 2:10

Instrument :

BNA_F

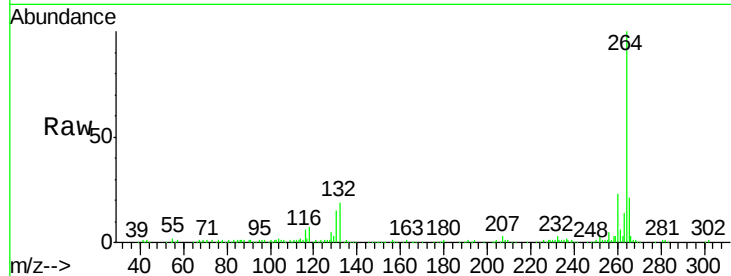
ClientSampleId :

GB-RT-4252

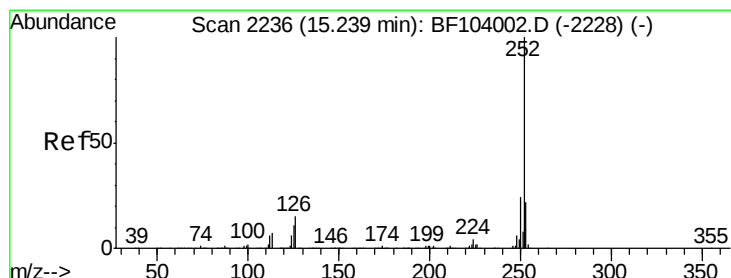
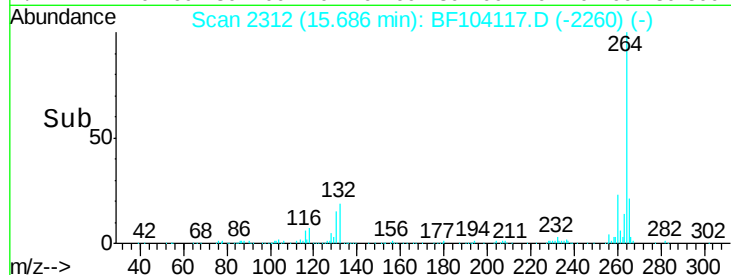
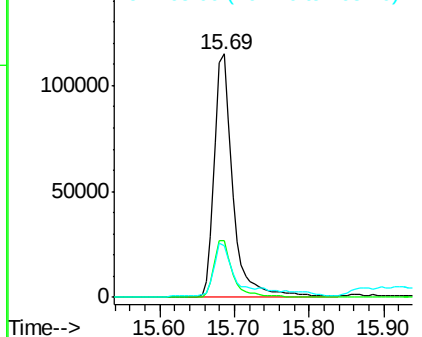
Tot Ion:	264	Resp:	201064
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:11 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 24.248 ng m

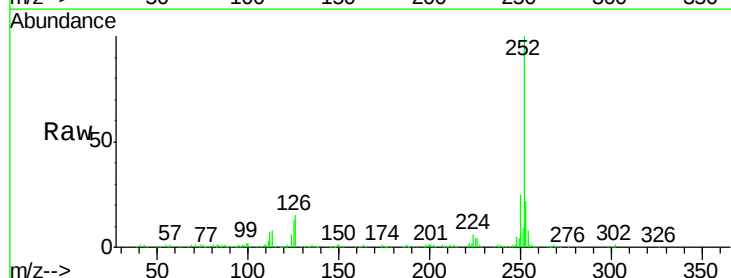
RT: 15.23 min Scan# 2234

Delta R.T. 0.01 min

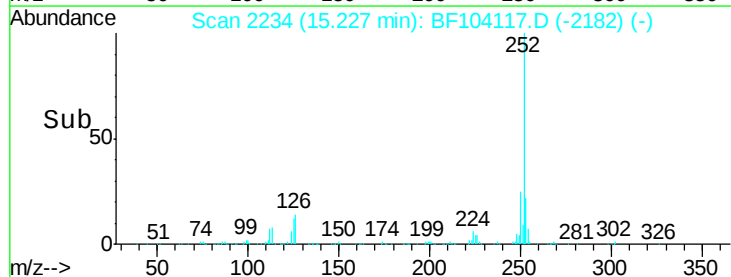
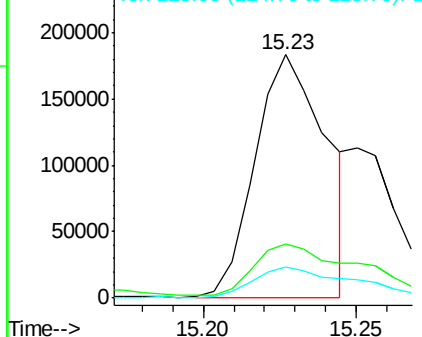
Lab File: BF104117.D

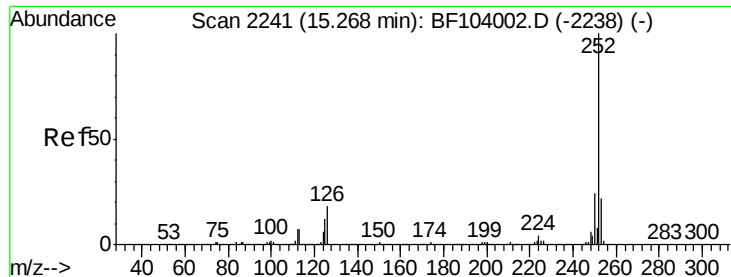
Acq: 31 Mar 2018 2:10

Tgt Ion:	252	Resp:	296714
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	12.6	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





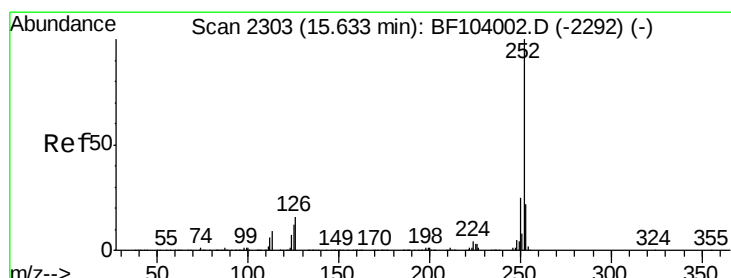
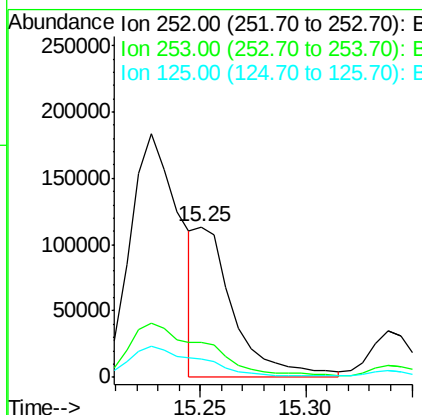
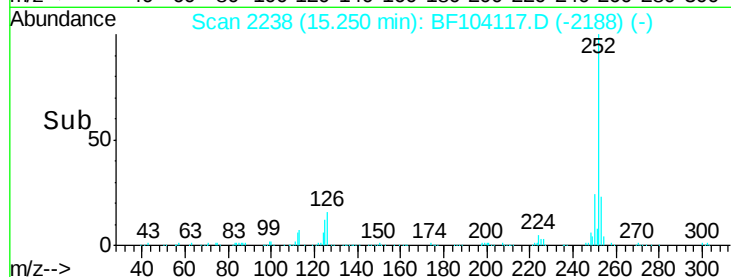
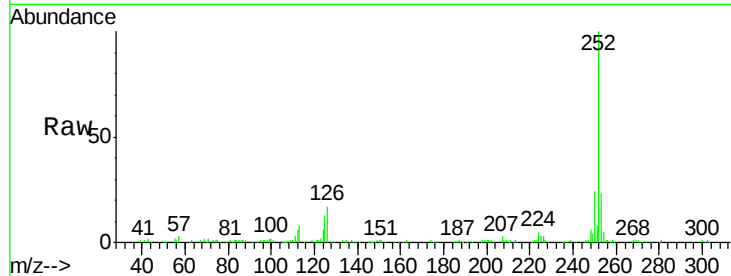
#88
Benzo(k)fluoranthene
Concen: 12.202 ng m
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampled :
GB-RT-4252

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.6	10.2	15.2

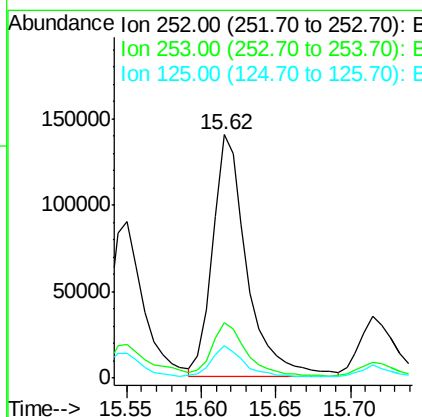
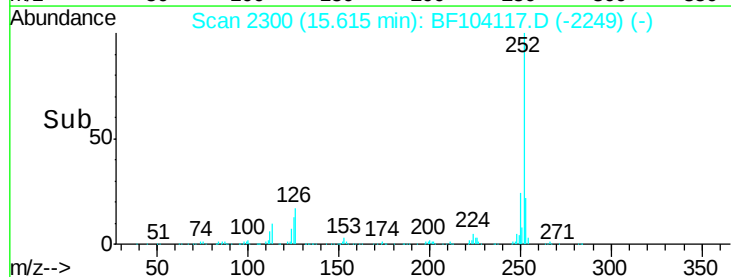
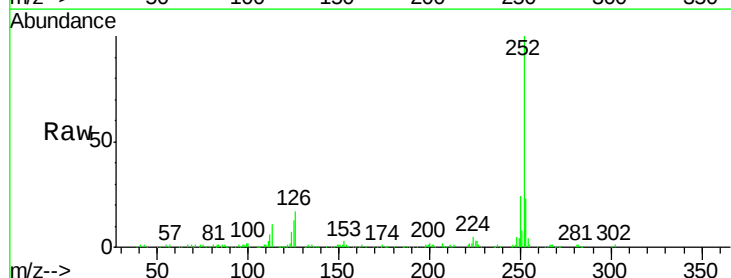
Manual Integrations
APPROVED

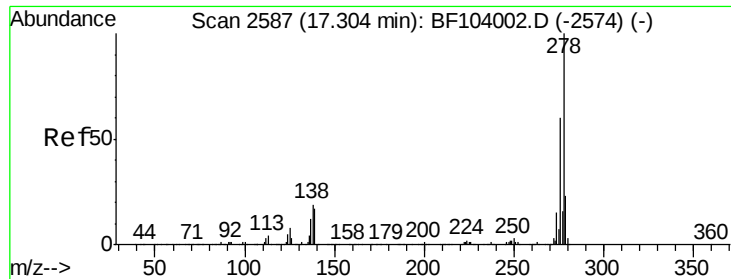
Sohil
4/2/2018 5:06:11 PM



#89
Benzo(a)pyrene
Concen: 19.745 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	13.4	9.8	14.6





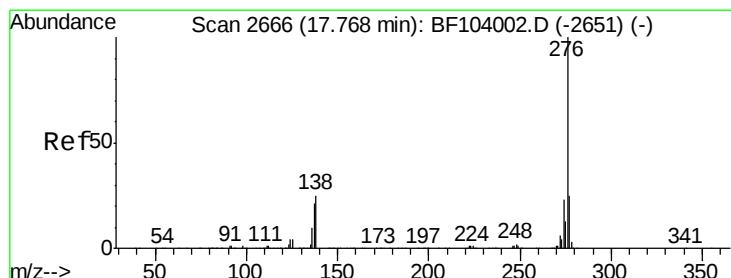
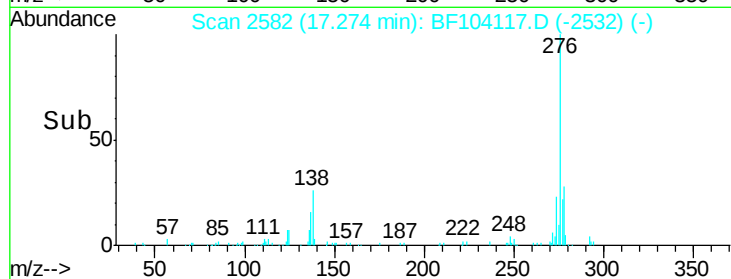
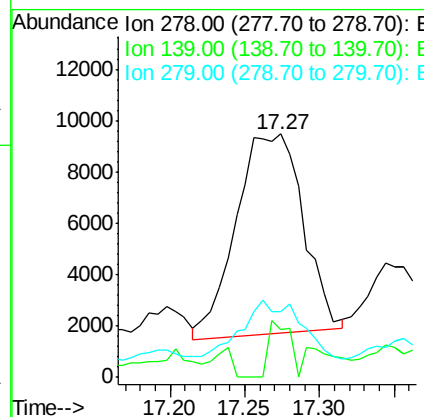
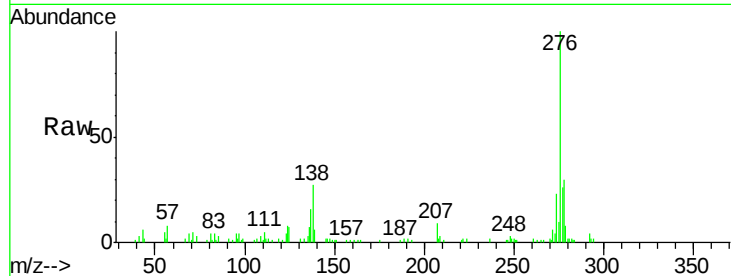
#90
Dibenzo(a,h)anthracene
Concen: 2.310 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :
GB-RT-4252

Tot Ion:278	Resp:	24220
Ion Ratio	Lower	Upper
278	100	
139	19.5	15.9 23.9
279	27.1	19.0 28.4

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:11 PM



#91
Benzo(g,h,i)perylene
Concen: 9.616 ng
RT: 17.74 min Scan# 2661
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:276	Resp:	100974
Ion Ratio	Lower	Upper
276	100	
277	24.6	17.9 26.9
138	25.5	21.8 32.8

