

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104114.D
 Acq On : 31 Mar 2018 00:51
 Operator : JU/SJ
 Sample : J2142-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GB-RT-2334

Manual Integrations
 APPROVED

Sohil
 4/2/2018 5:06:03 PM

Quant Time: Mar 31 04:16:34 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	103750	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	415183	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	175194	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	274627	20.00	ng	0.00
75) Chrysene-d12	14.14	240	222237	20.00	ng	0.00
86) Perylene-d12	15.68	264	186397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	668029	102.68	ng	0.01
7) Phenol-d6	6.59	99	874097	109.21	ng	0.00
23) Nitrobenzene-d5	7.52	82	509490	75.05	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	182067	93.33	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	890683	80.17	ng	0.00
78) Terphenyl-d14	13.07	244	676327	70.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	86461	6.251	ng	100
70) Phenanthrene	11.52	178	99124	6.667	ng	99
71) Anthracene	11.57	178	31483	2.027	ng	99
74) Fluoranthene	12.71	202	163497	10.345	ng	96
77) Pyrene	12.94	202	141883	8.881	ng	98
80) Benzo(a)anthracene	14.13	228	73315	5.272	ng	97
82) Chrysene	14.17	228	61414	4.509	ng	98
87) Benzo(b)fluoranthene	15.22	252	63105m	5.563	ng	
88) Benzo(k)fluoranthene	15.25	252	23830m	2.230	ng	
89) Benzo(a)pyrene	15.62	252	47208	4.491	ng	96
91) Benzo(g,h,i)perylene	17.74	276	21845	2.244	ng	# 93

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

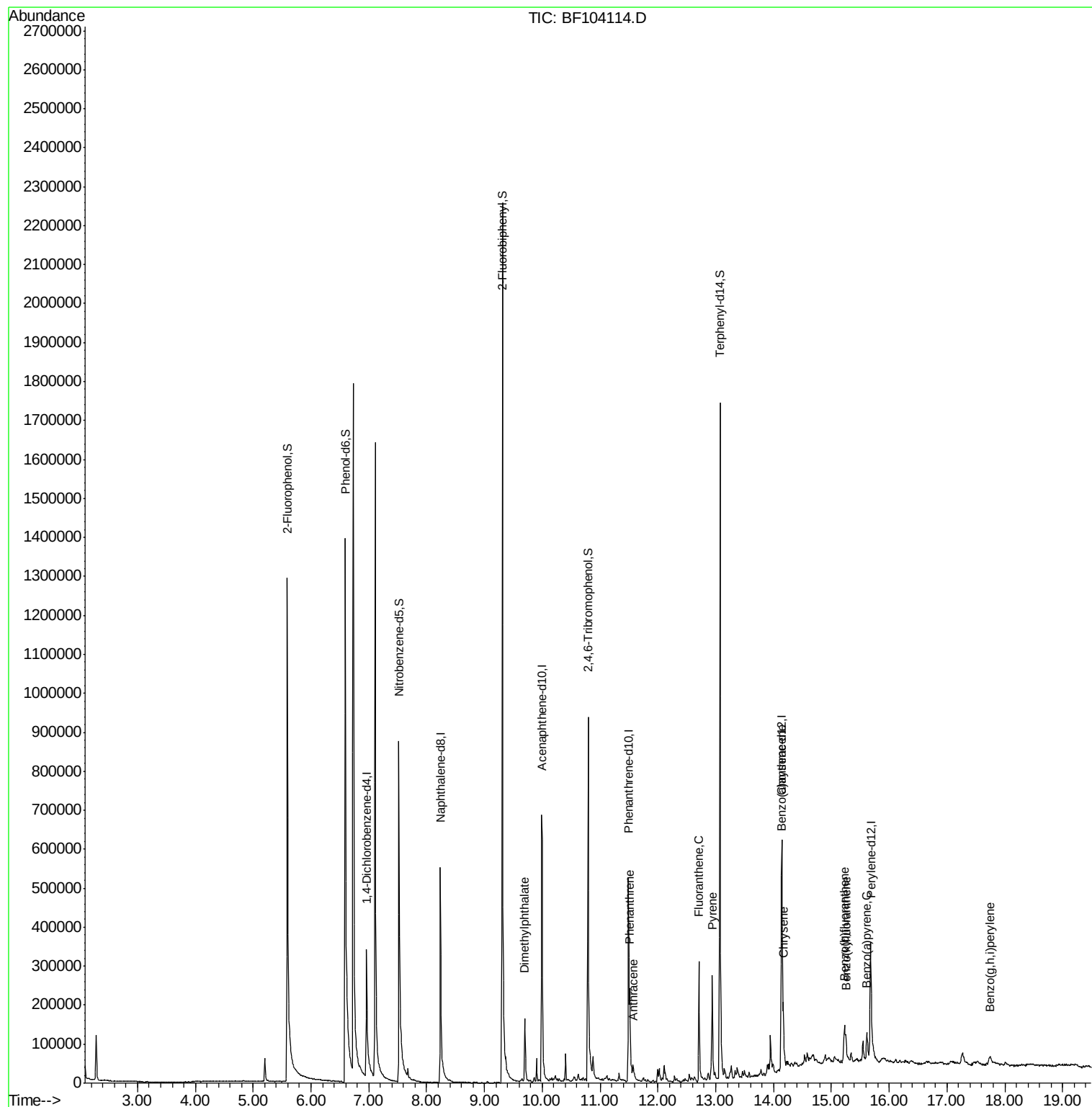
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104114.D
Acq On : 31 Mar 2018 00:51
Operator : JU/SJ
Sample : J2142-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

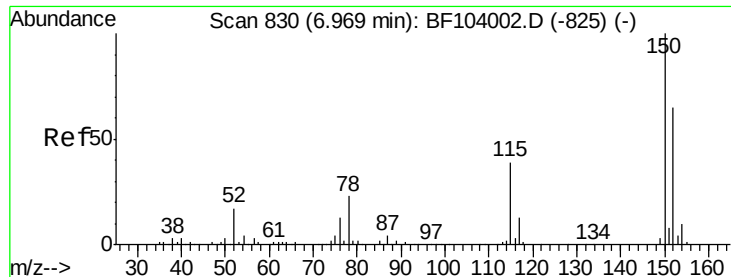
Instrument :
BNA_F
ClientSampleId :
GB-RT-2334

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:03 PM

Quant Time: Mar 31 04:16:34 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

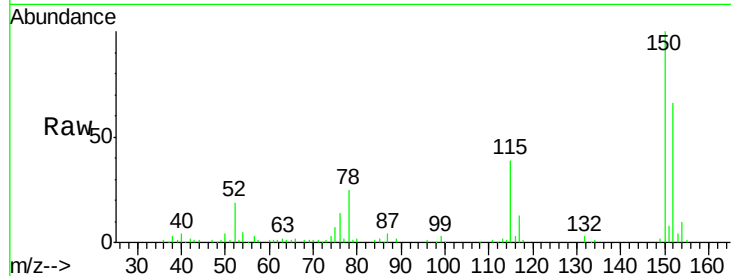
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :
GB-RT-2334

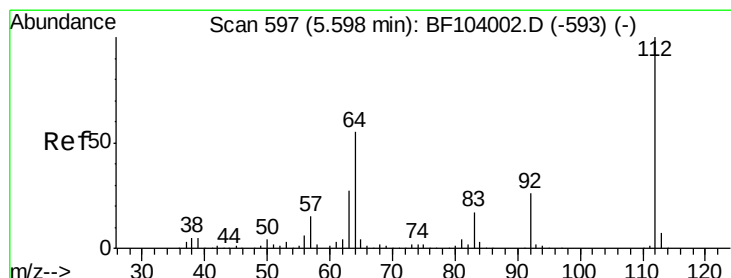
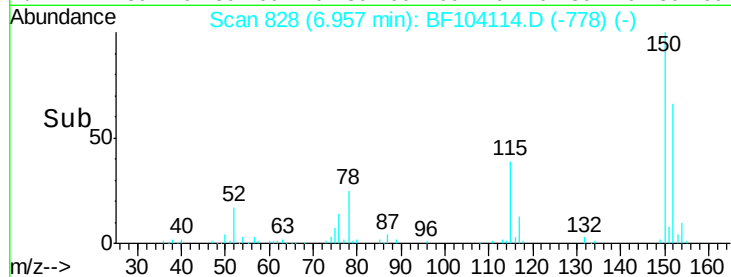
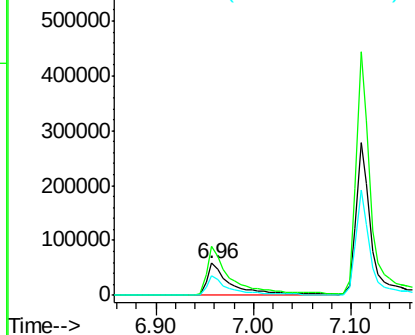
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	59.9	50.1	75.1

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:03 PM



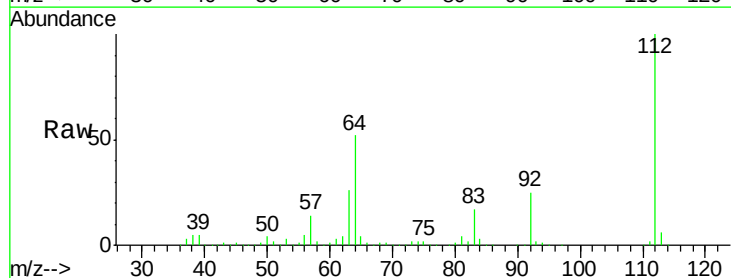
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



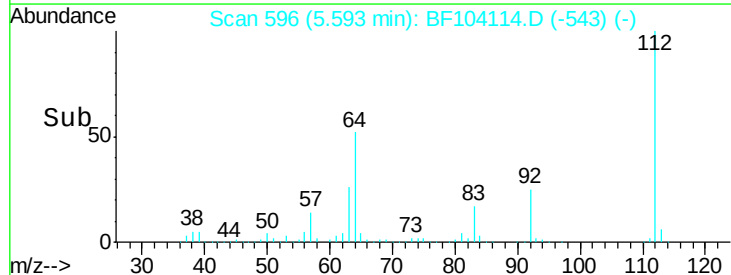
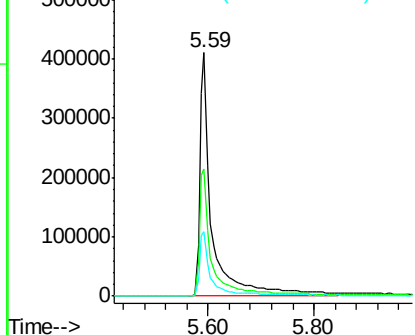
#5

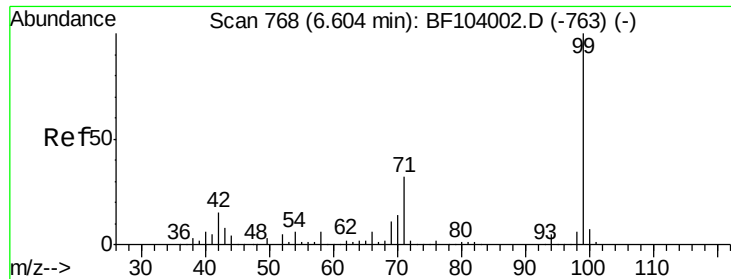
2-Fluorophenol
Concen: 102.683 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 109.207 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104114.D

Acq: 31 Mar 2018 00:51

Instrument :

BNA_F

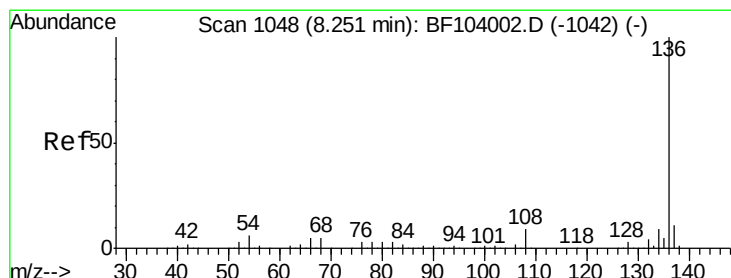
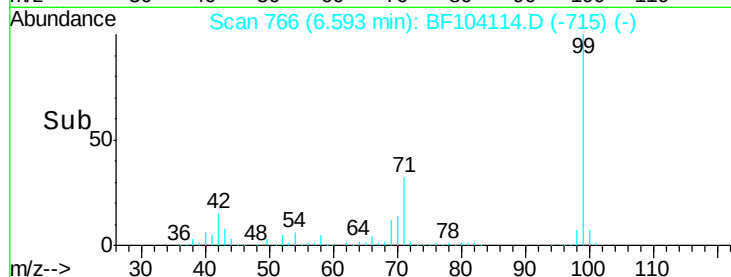
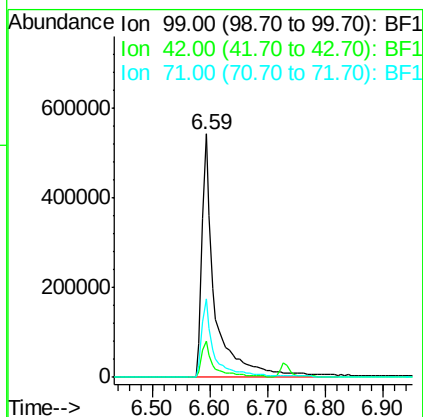
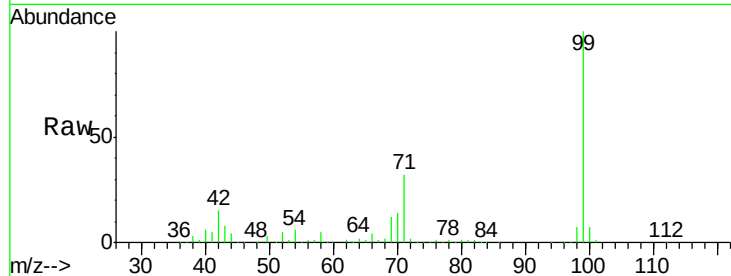
ClientSampleId :

GB-RT-2334

Tot Ion:	99	Resp:	874097
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	32.3	25.4	38.0

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:03 PM



#21

Naphthalene-d8

Concen: 20.000 ng

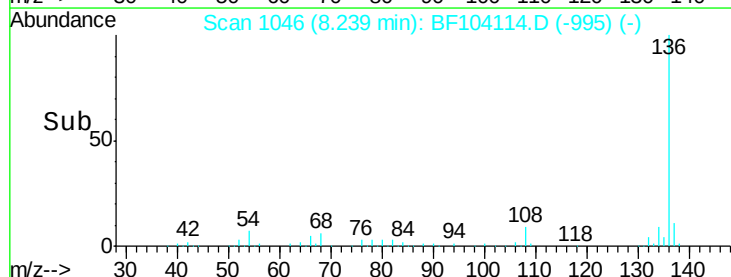
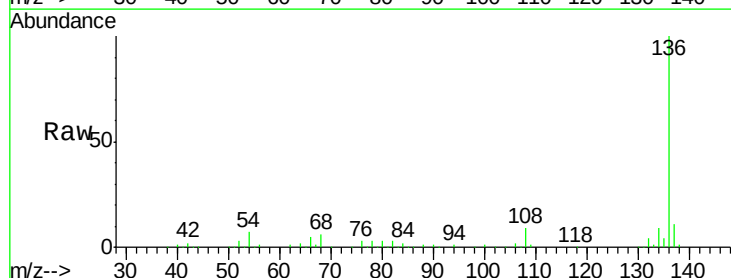
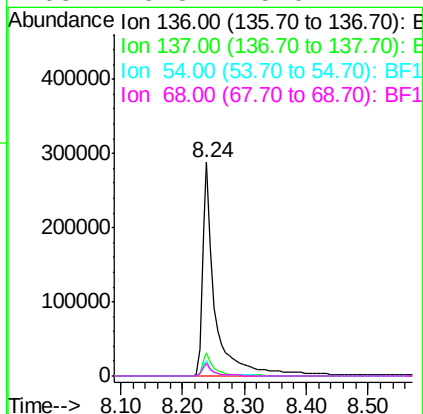
RT: 8.24 min Scan# 1046

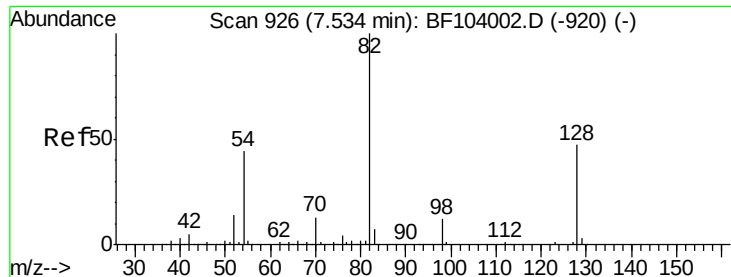
Delta R.T. 0.00 min

Lab File: BF104114.D

Acq: 31 Mar 2018 00:51

Tgt Ion:	136	Resp:	415183
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.8	5.0	7.4





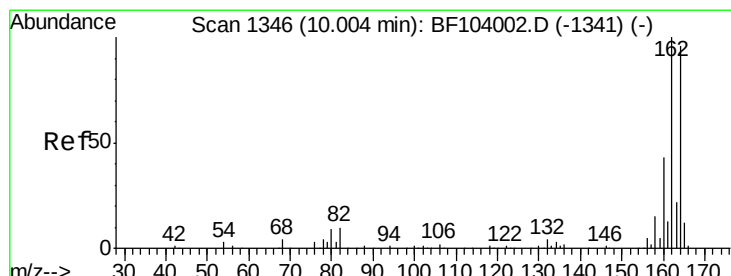
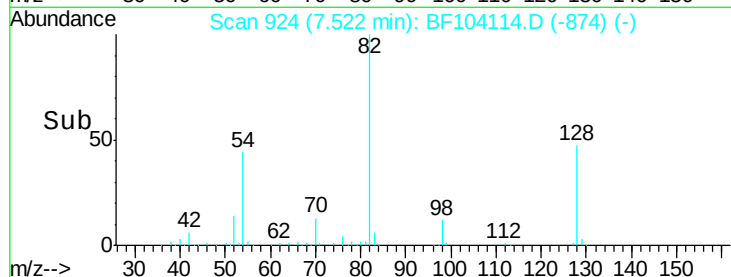
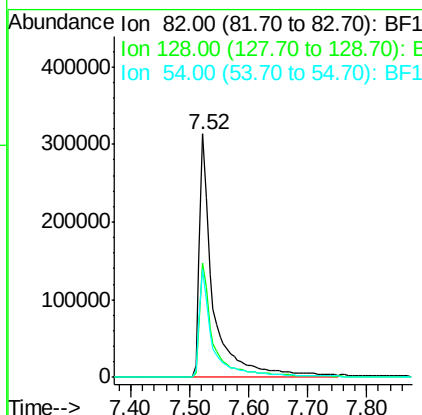
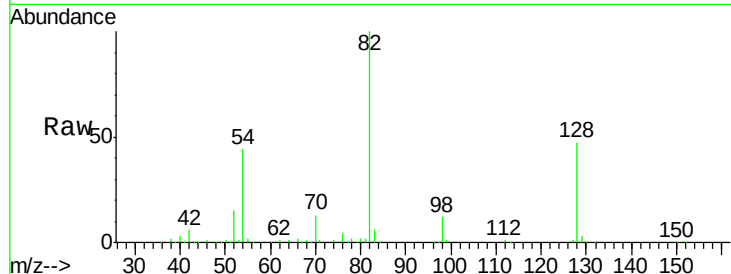
#23
 Nitrobenzene-d5
 Concen: 75.047 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104114.D
 Acq: 31 Mar 2018 00:51

Instrument :
 BNA_F
 ClientSampleId :
 GB-RT-2334

Tot Ion	82	Resp	509490
Ion Ratio	100	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	44.2	41.4	62.2

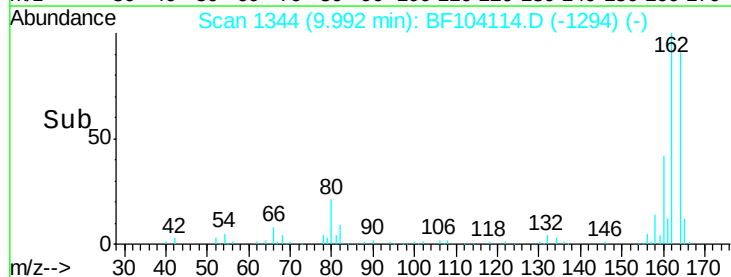
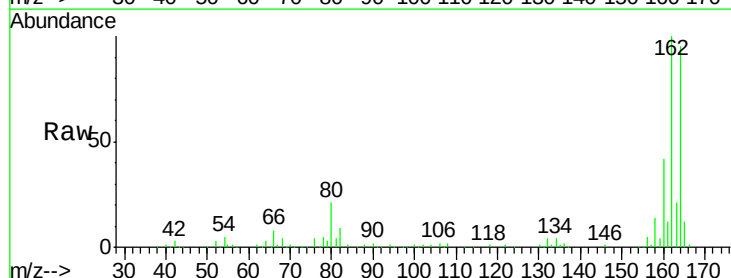
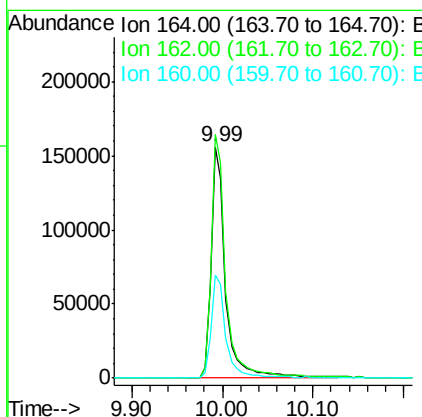
Manual Integrations
 APPROVED

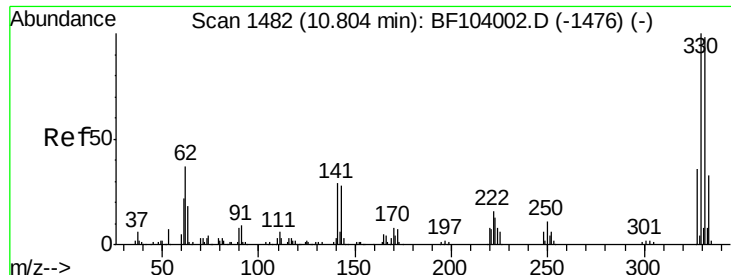
Sohil
 4/2/2018 5:06:03 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF104114.D
 Acq: 31 Mar 2018 00:51

Tgt Ion	164	Resp	175194
Ion Ratio	100	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	44.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 93.330 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF104114.D

Acq: 31 Mar 2018 00:51

Instrument :

BNA_F

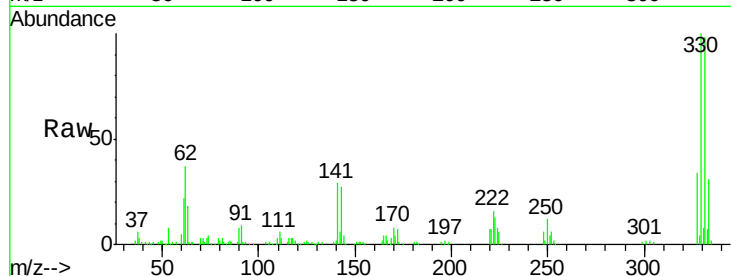
ClientSampleId :

GB-RT-2334

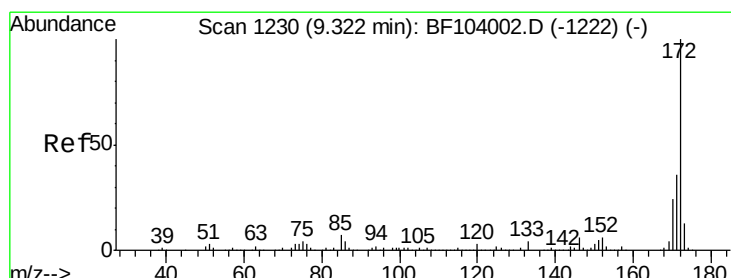
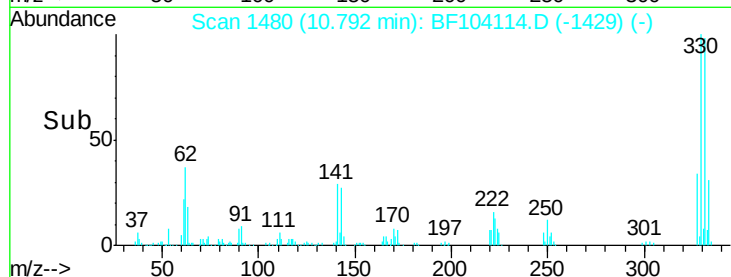
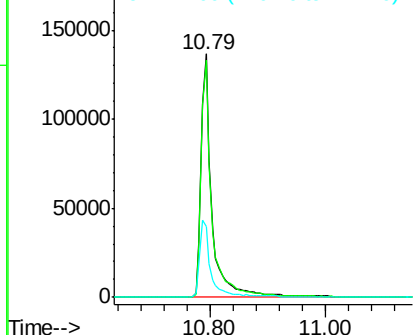
Tot Ion:	330	Resp:	182067
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	31.8	29.9	44.9

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:03 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: 80.170 ng

RT: 9.31 min Scan# 1228

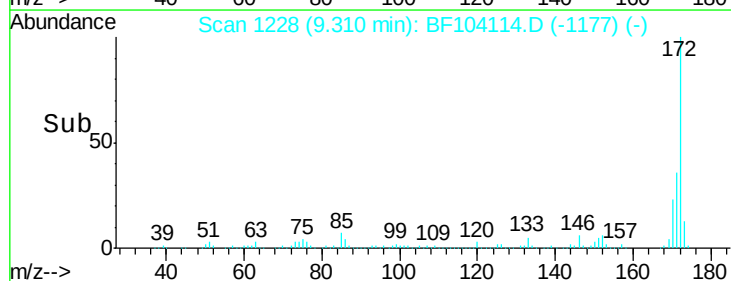
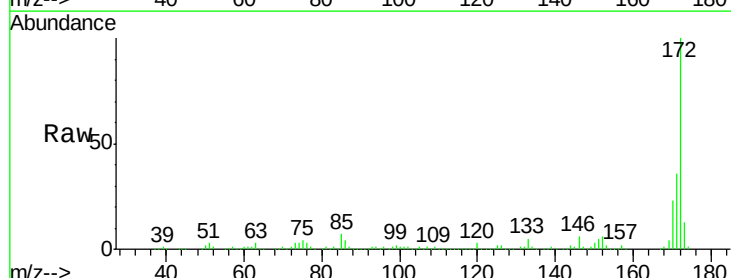
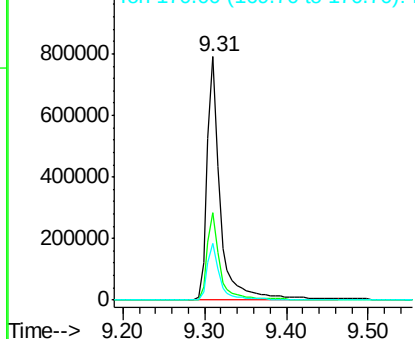
Delta R.T. 0.00 min

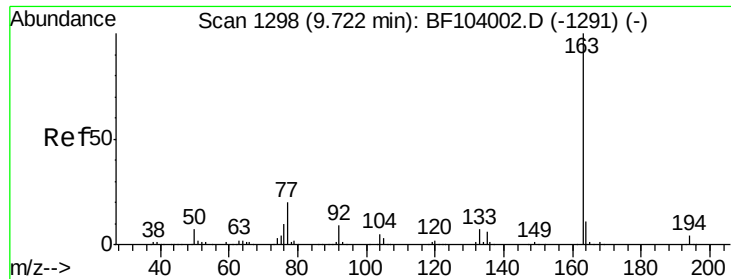
Lab File: BF104114.D

Acq: 31 Mar 2018 00:51

Tgt Ion:	172	Resp:	890683
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	23.2	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





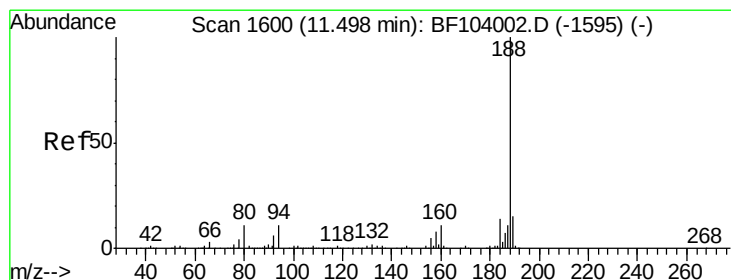
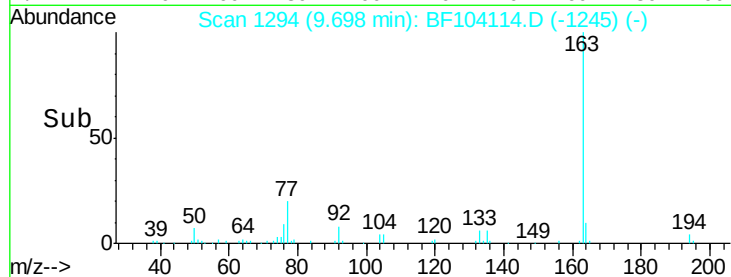
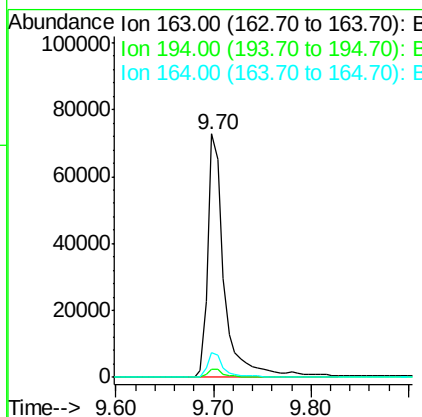
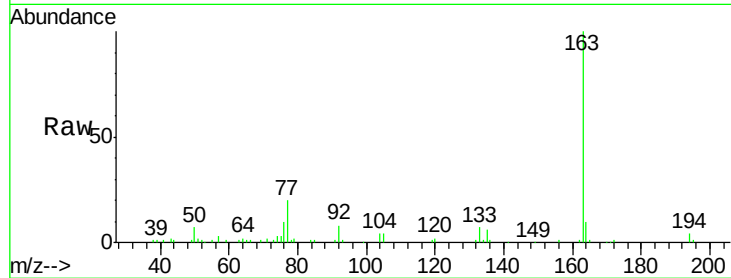
#49
Dimethylphthalate
Concen: 6.251 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampled :
GB-RT-2334

Tot Ion:	163	Resp:	86461
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2

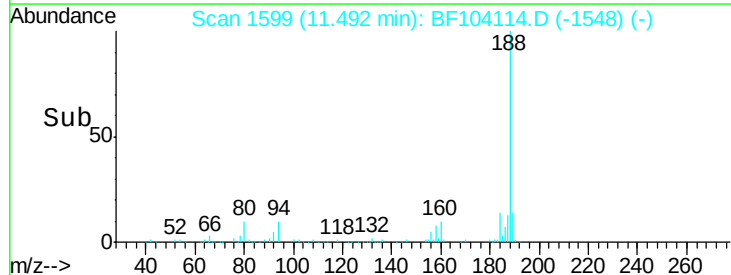
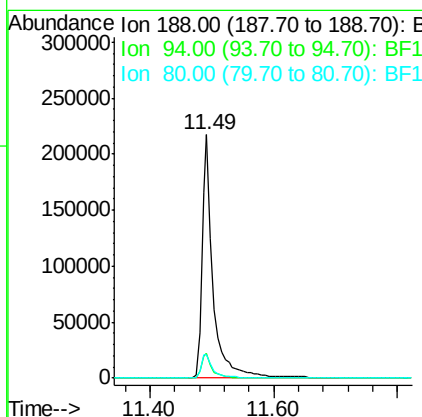
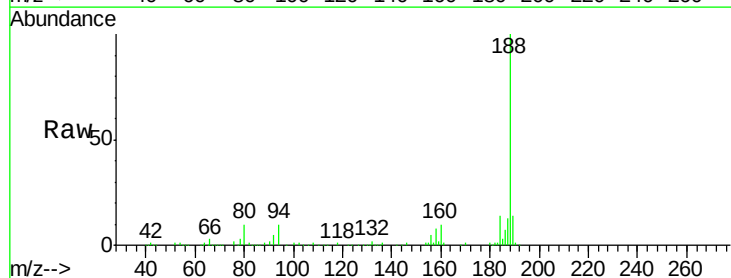
Manual Integrations
APPROVED

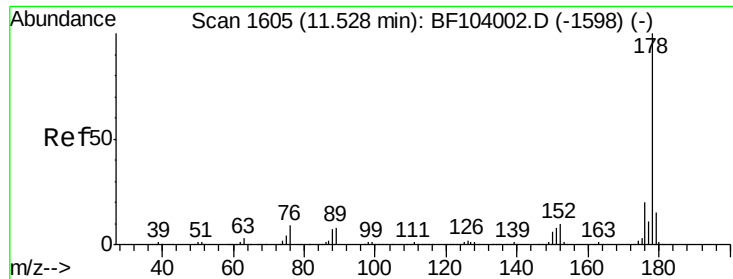
Sohil
4/2/2018 5:06:03 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:	188	Resp:	274627
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.5	12.7
80	9.7	9.2	13.8





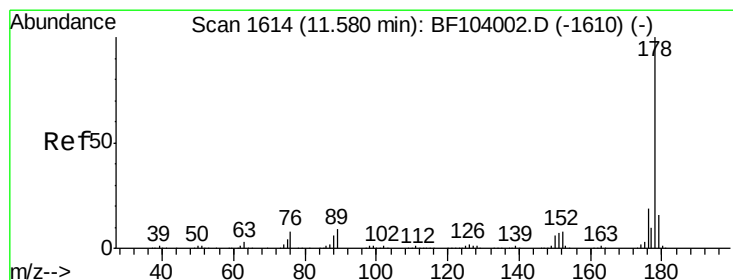
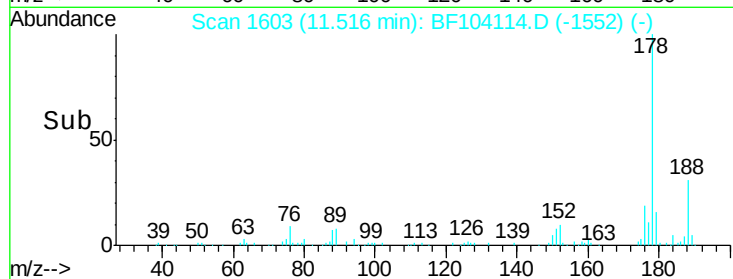
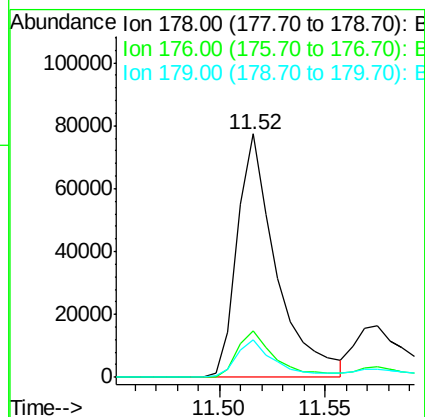
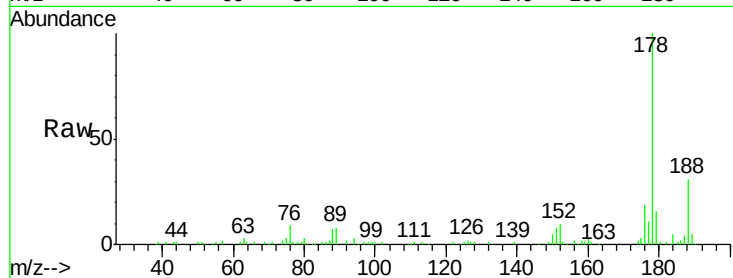
#70
Phenanthrene
Concen: 6.667 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :
GB-RT-2334

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	13.0	19.6

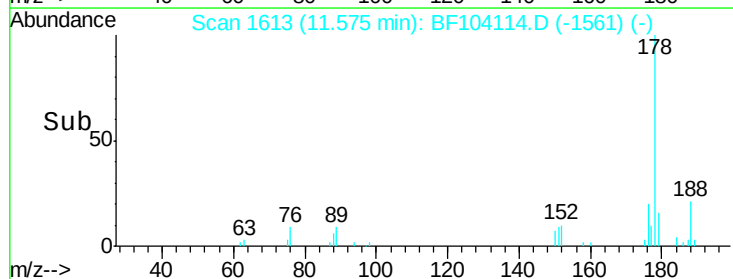
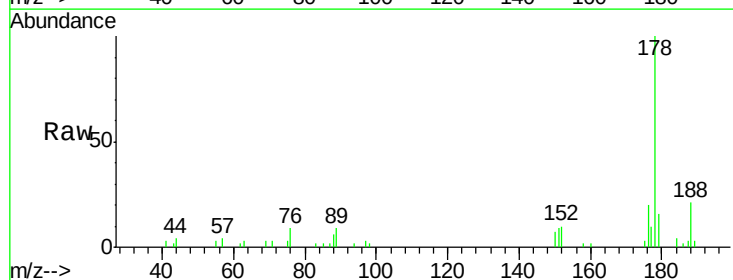
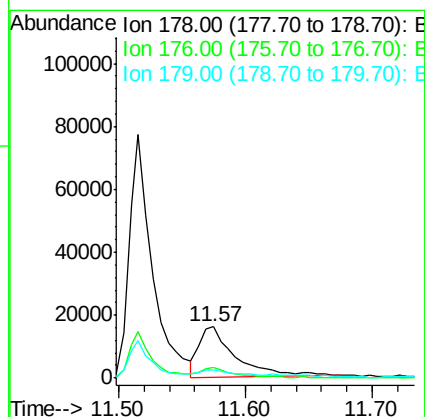
Manual Integrations
APPROVED

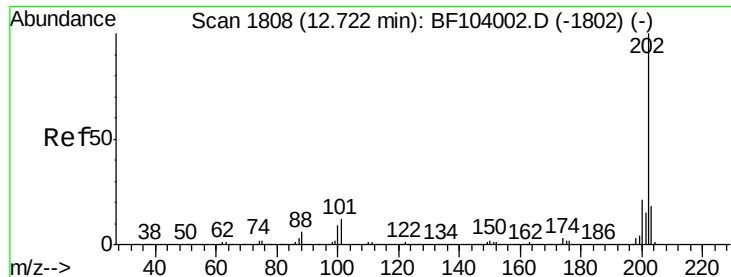
Sohil
4/2/2018 5:06:03 PM



#71
Anthracene
Concen: 2.027 ng
RT: 11.57 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.3	12.6	19.0





#74

Fluoranthene

Concen: 10.345 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF104114.D

Acq: 31 Mar 2018 00:51

Instrument :

BNA_F

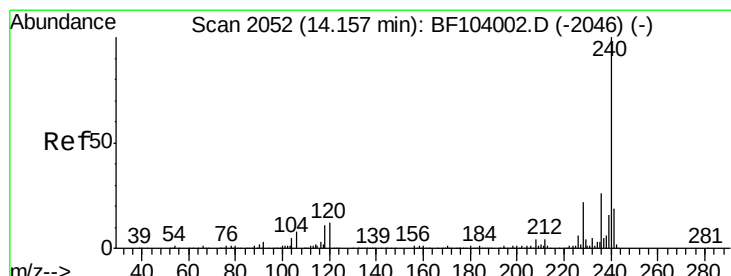
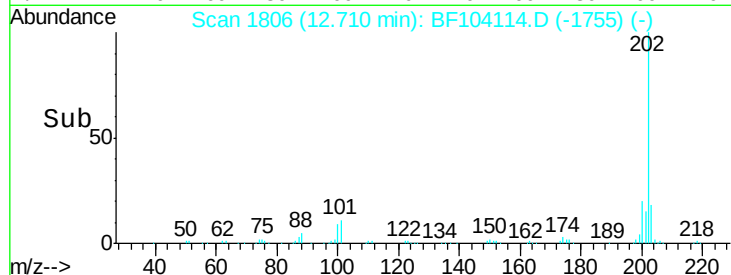
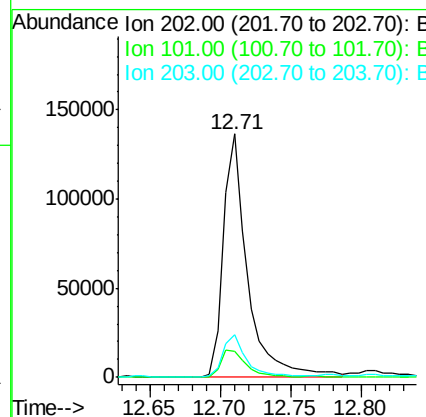
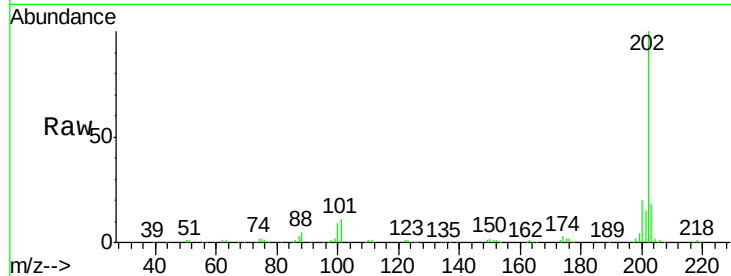
ClientSampled :

GB-RT-2334

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	34.1
203	17.6	0.0	38.1

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:03 PM



#75

Chrysene-d12

Concen: 20.000 ng

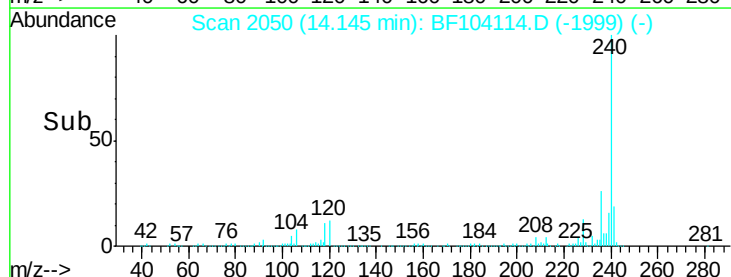
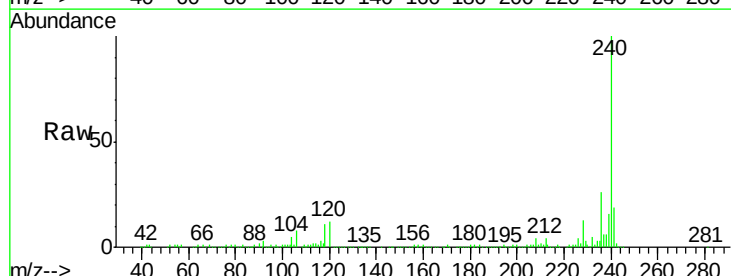
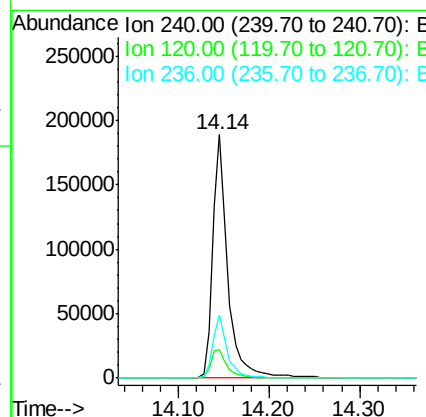
RT: 14.14 min Scan# 2050

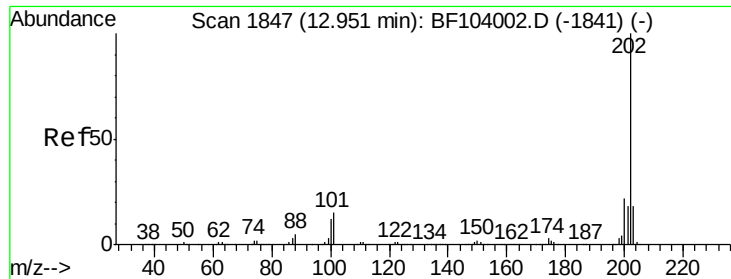
Delta R.T. 0.00 min

Lab File: BF104114.D

Acq: 31 Mar 2018 00:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.8	20.7	31.1





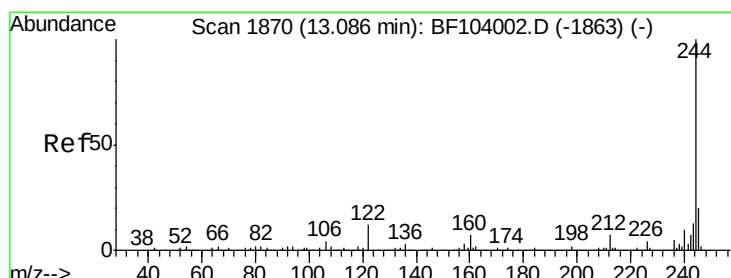
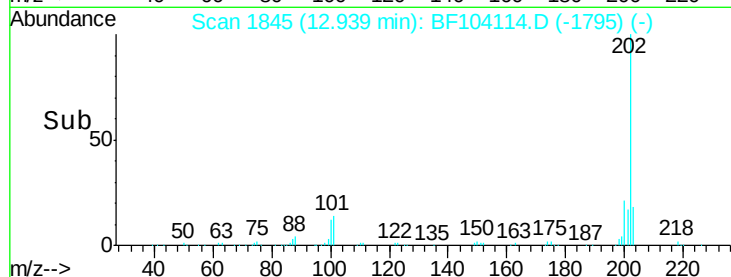
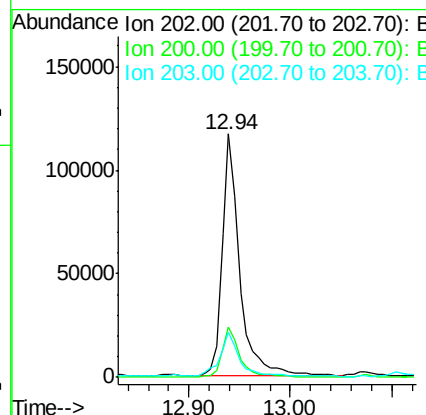
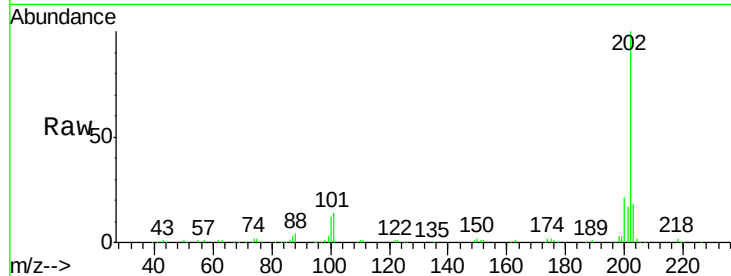
#77
Pvrene
Concen: 8.881 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :
GB-RT-2334

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.4	14.3	21.5

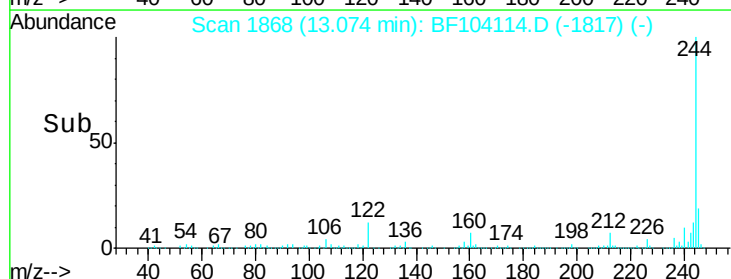
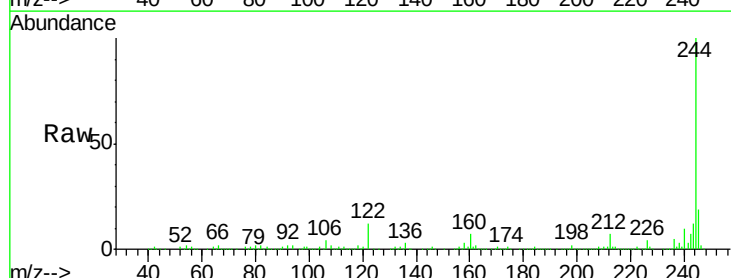
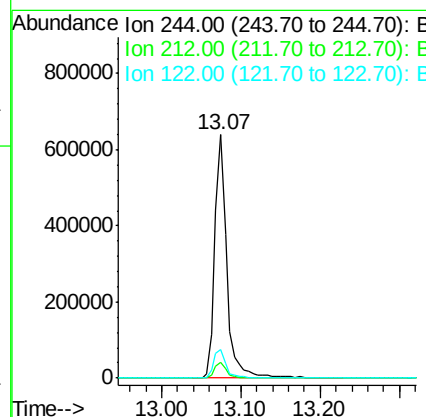
Manual Integrations
APPROVED

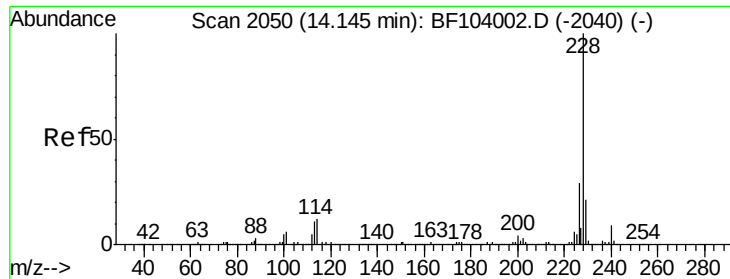
Sohil
4/2/2018 5:06:03 PM



#78
Terphenyl-d14
Concen: 70.268 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.0	11.0	16.4





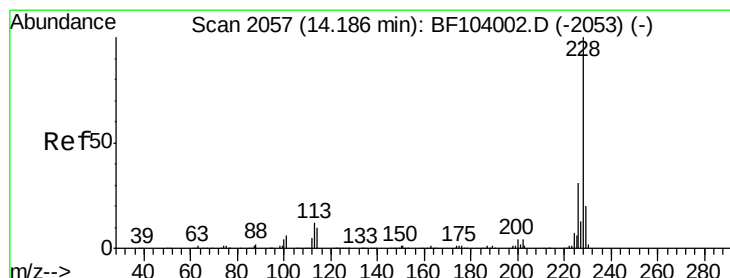
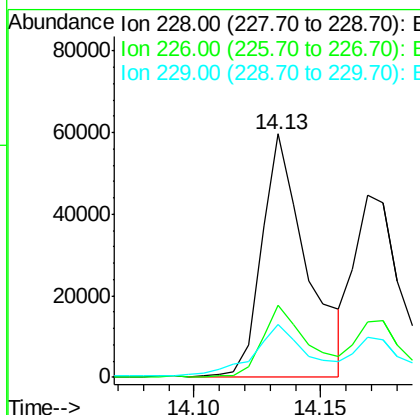
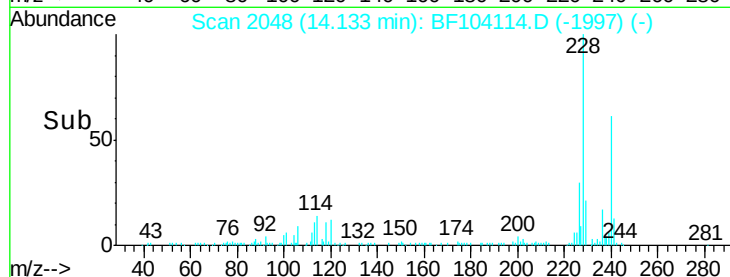
#80
Benzo(a)anthracene
Concen: 5.272 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :
GB-RT-2334

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.5	15.8	23.6

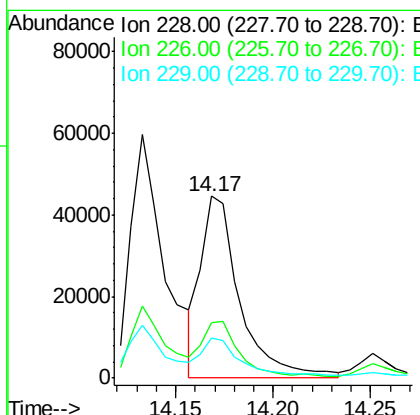
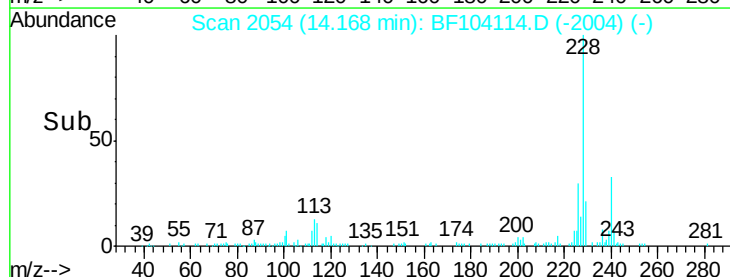
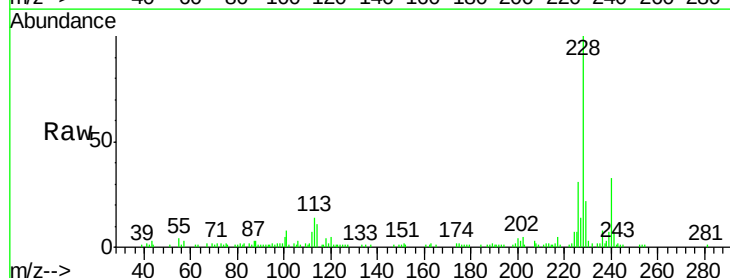
Manual Integrations
APPROVED

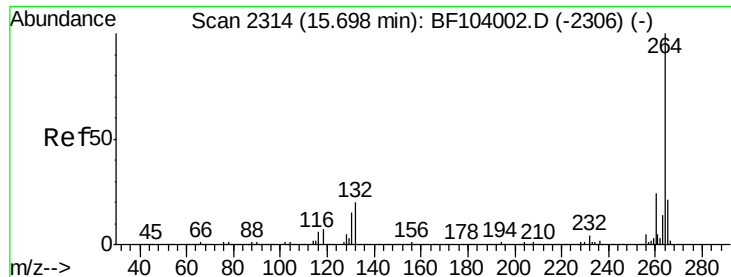
Sohil
4/2/2018 5:06:03 PM



#82
Chrysene
Concen: 4.509 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.3	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. 0.00 min

Lab File: BF104114.D

Acq: 31 Mar 2018 00:51

Instrument :

BNA_F

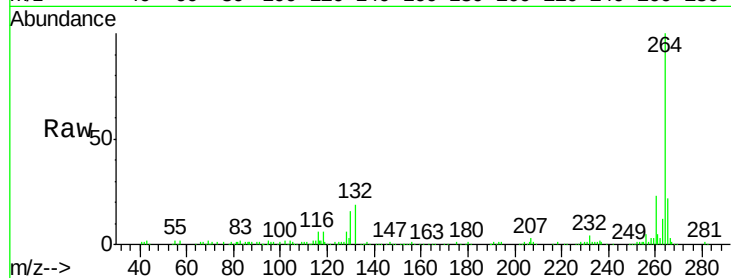
ClientSampled :

GB-RT-2334

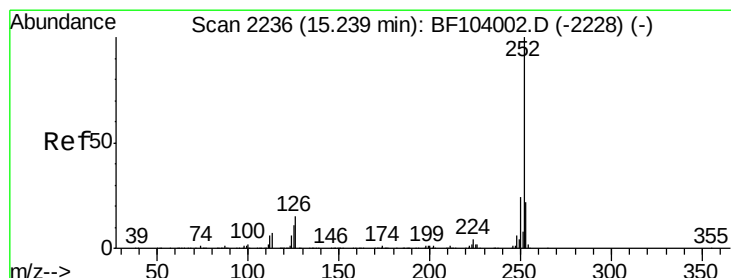
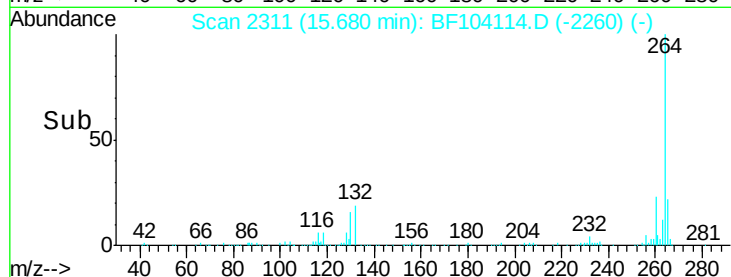
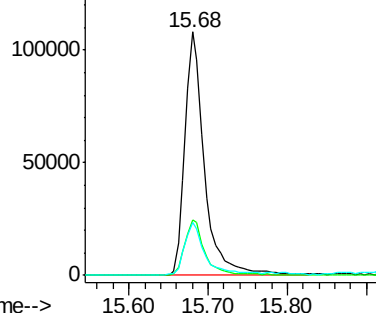
Tot Ion:	264	Resp:	186397
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	22.0	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:03 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: 5.563 ng m

RT: 15.22 min Scan# 2233

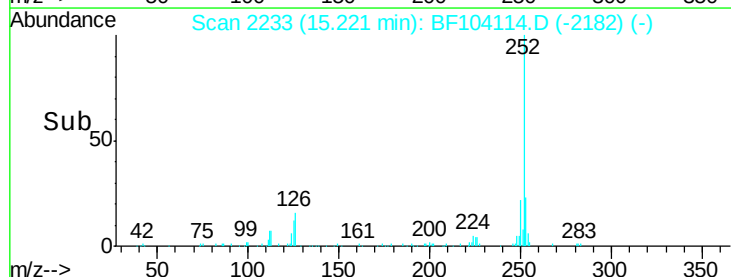
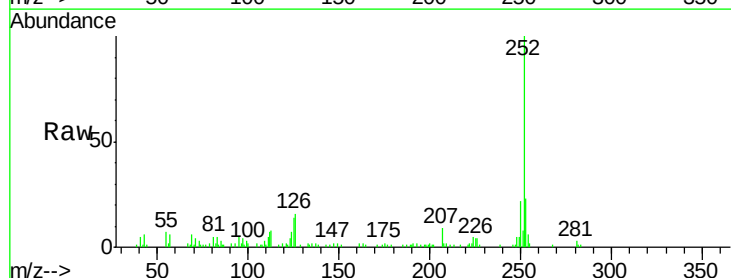
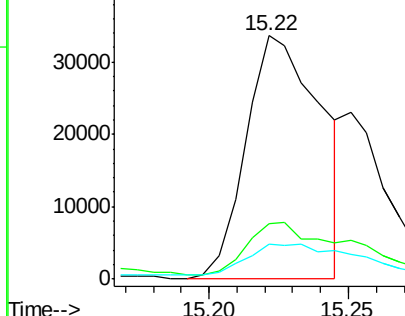
Delta R.T. 0.00 min

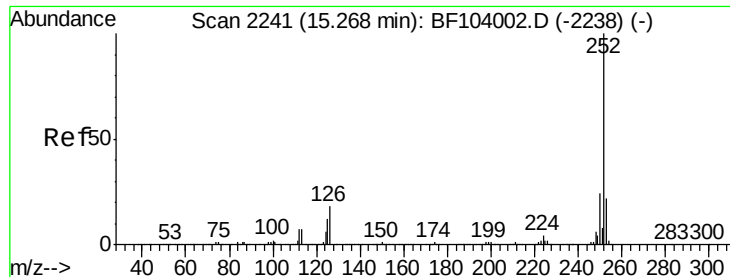
Lab File: BF104114.D

Acq: 31 Mar 2018 00:51

Tgt Ion:	252	Resp:	63105
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.6
125	14.2	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





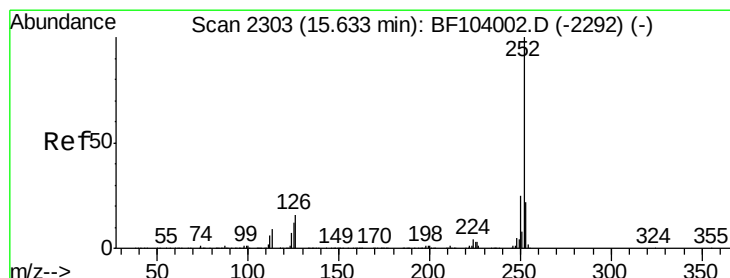
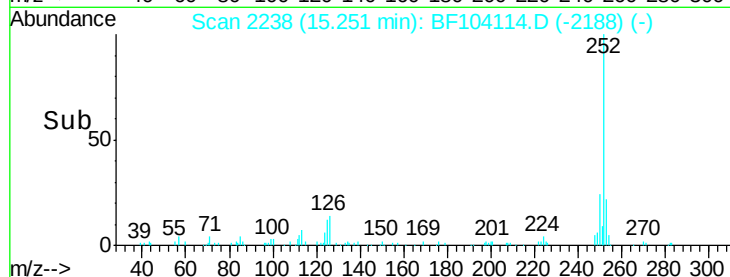
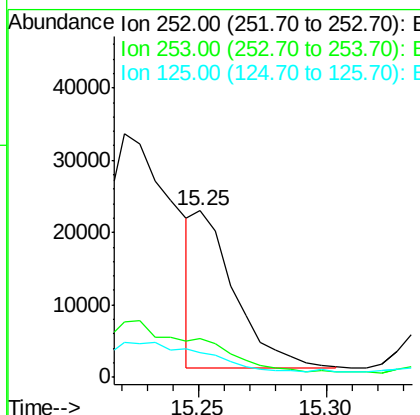
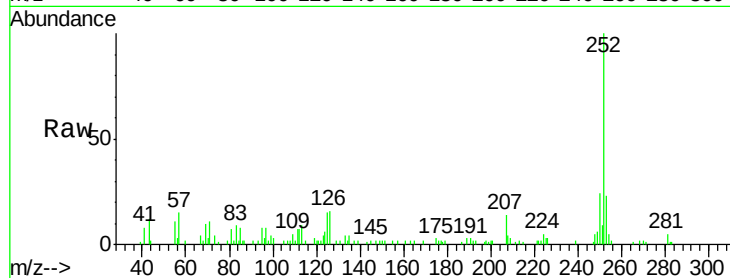
#88
Benzo(k)fluoranthene
Concen: 2.230 ng m
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampled :
GB-RT-2334

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	15.0	10.2	15.2

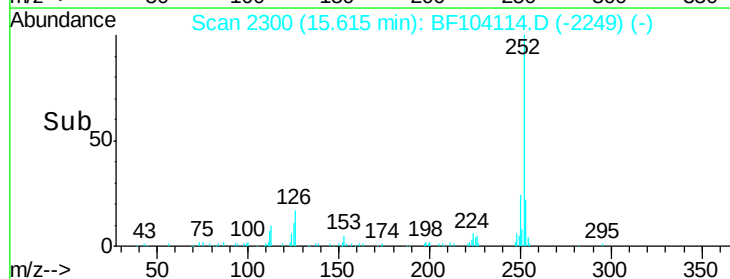
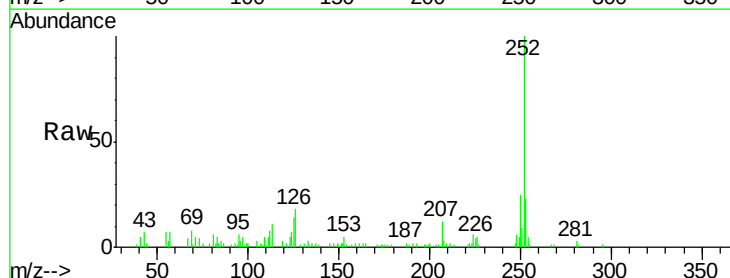
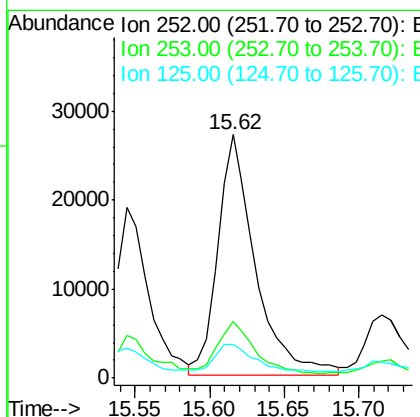
Manual Integrations
APPROVED

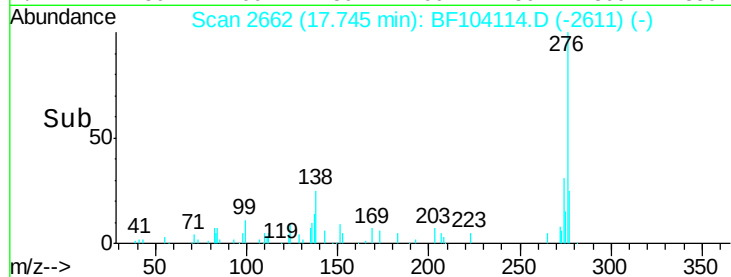
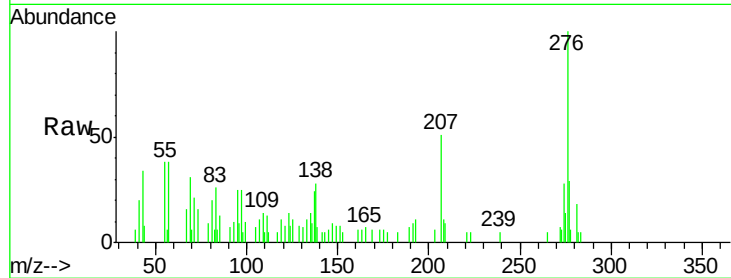
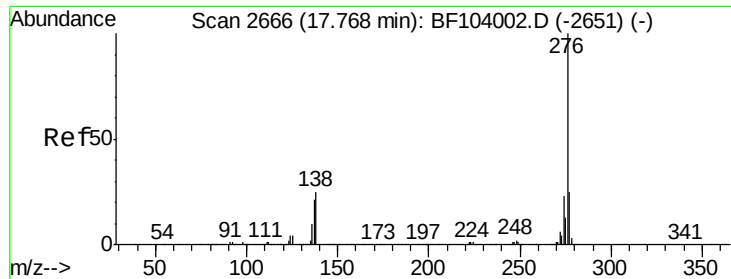
Sohil
4/2/2018 5:06:03 PM



#89
Benzo(a)pyrene
Concen: 4.491 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.0	9.8	14.6





#91
Benzo(a,h,i)perylene
Concen: 2.244 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :
GB-RT-2334

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	29.2	17.9	26.9		
138	28.1	21.8	32.8		

Manual Integrations
APPROVED

Sohil
4/2/2018 5:06:03 PM

