

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103463.D
 Acq On : 6 Mar 2018 18:50
 Operator : SJ/JU
 Sample : J1722-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-15

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:17:05 PM

Quant Time: Mar 07 00:43:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176582	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	731627	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	311179	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	467292	20.00	ng	0.00
75) Chrysene-d12	14.06	240	292922	20.00	ng	0.00
86) Perylene-d12	15.57	264	261705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1079425	92.45	ng	0.00
7) Phenol-d6	6.51	99	1294212	90.59	ng	0.00
23) Nitrobenzene-d5	7.44	82	839344	65.52	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	156442	59.39	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1047813	52.80	ng	0.00
78) Terphenyl-d14	12.99	244	690624	56.68	ng	0.00
Target Compounds						
10) Phenol	6.52	94	89368	5.388	ng	Qvalue # 70
49) Dimethylphthalate	9.62	163	86547	3.467	ng	99
70) Phenanthrene	11.43	178	158098	6.148	ng	98
74) Fluoranthene	12.63	202	316040	12.230	ng	98
77) Pyrene	12.86	202	306095	13.403	ng	98
80) Benzo(a)anthracene	14.05	228	138143	7.268	ng	98
82) Chrysene	14.09	228	123458	6.690	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	50112	3.430	ng	97
87) Benzo(b)fluoranthene	15.13	252	139272m	8.094	ng	
88) Benzo(k)fluoranthene	15.16	252	54799m	3.382	ng	
89) Benzo(a)pyrene	15.51	252	98634	6.419	ng	# 93
91) Benzo(a,h,i)perylene	17.59	276	49105	4.232	ng	96

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

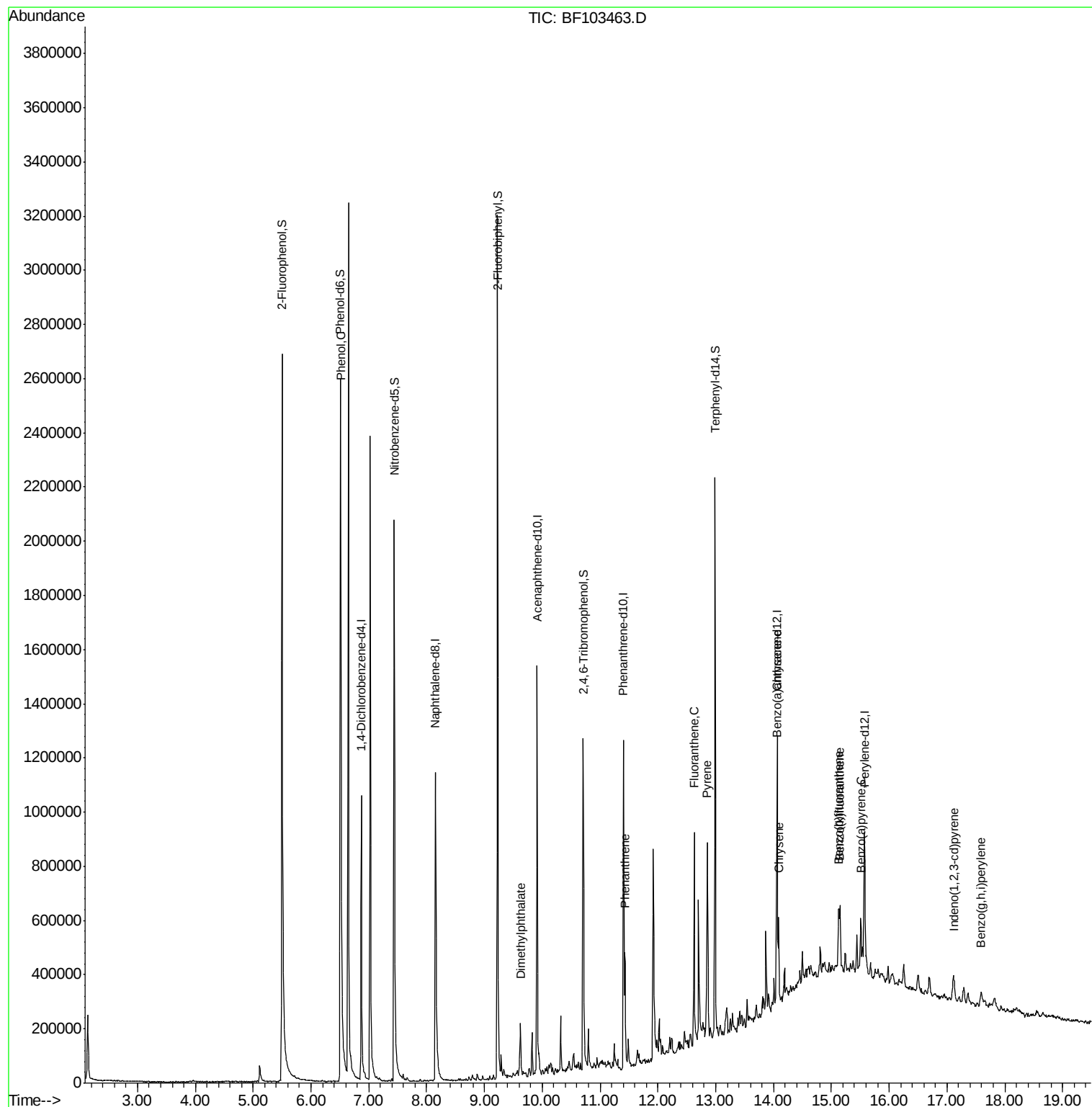
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

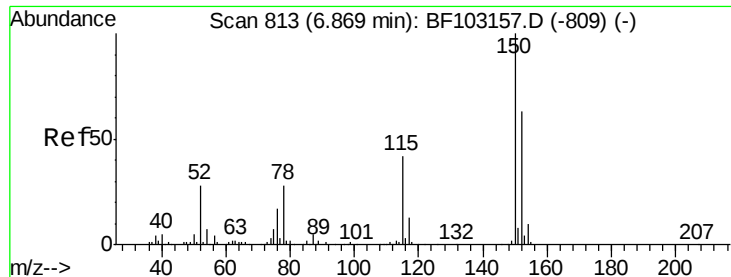
Instrument :
BNA_F
ClientSampleId :
SP-15

Manual Integrations
APPROVED

Sohil
3/7/2018 12:17:05 PM

Quant Time: Mar 07 00:43:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration





#1

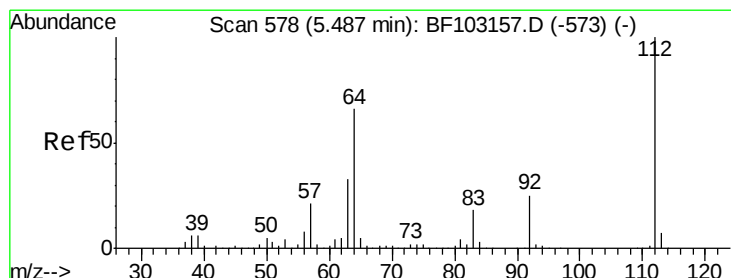
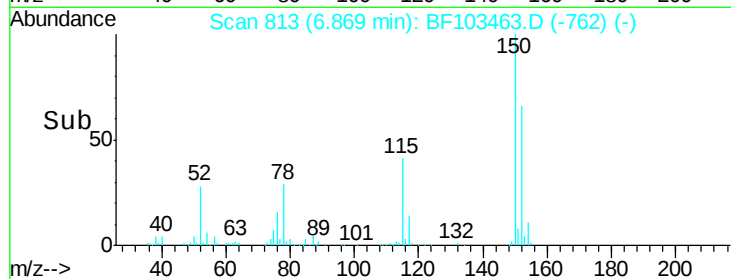
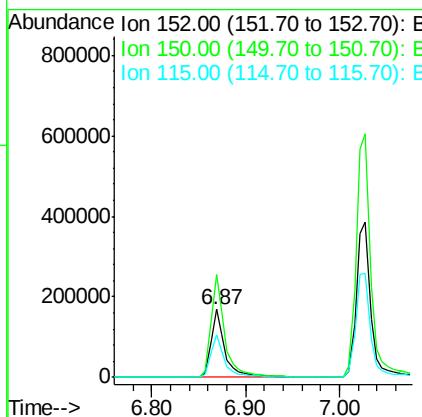
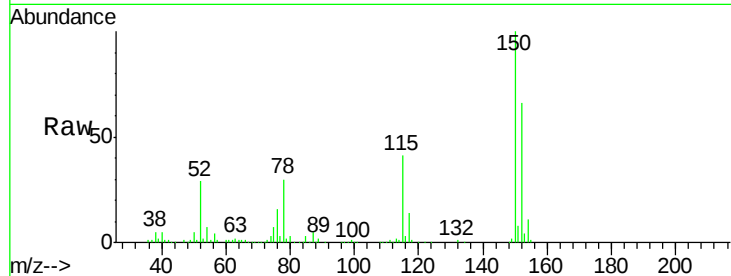
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampled :
SP-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	62.6	50.1	75.1

Manual Integrations
APPROVED

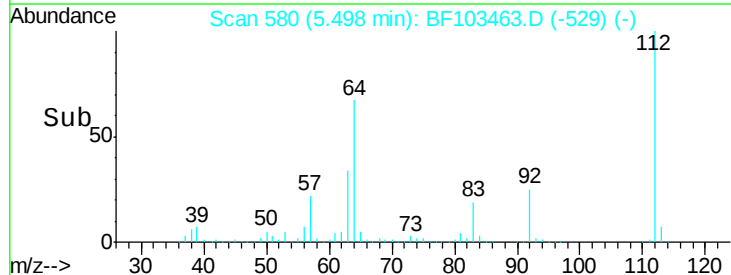
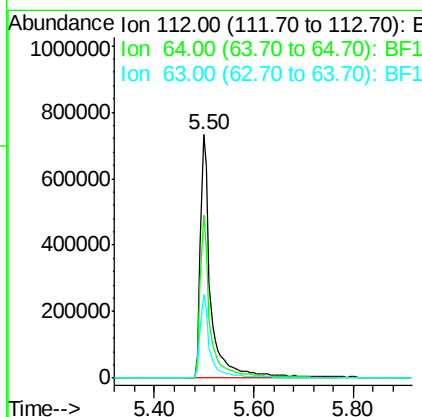
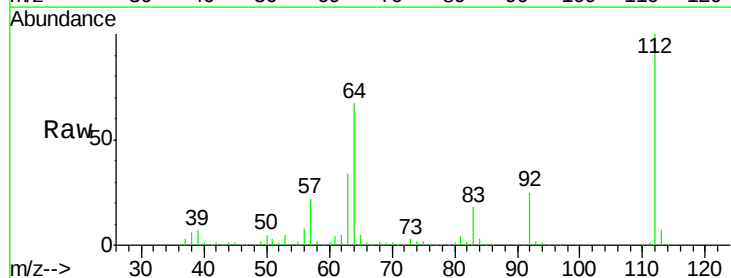
Sohil
3/7/2018 12:17:05 PM

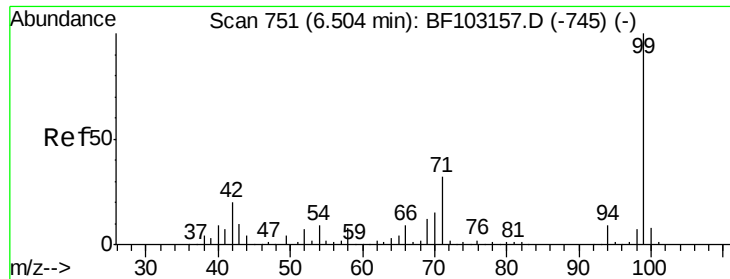


#5

2-Fluorophenol
Concen: 92.453 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	47.9	71.9
63	34.3	23.7	35.5





#7

Phenol-d6

Concen: 90.589 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103463.D

Acq: 6 Mar 2018 18:50

Instrument :

BNA_F

ClientSampled :

SP-15

Tot Ion: 99 Resp: 1294212

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

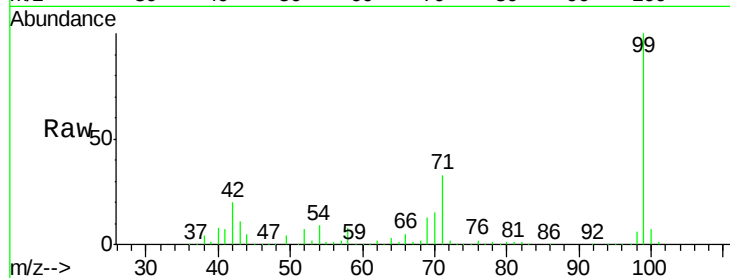
71 32.6 25.4 38.0

Manual Integrations

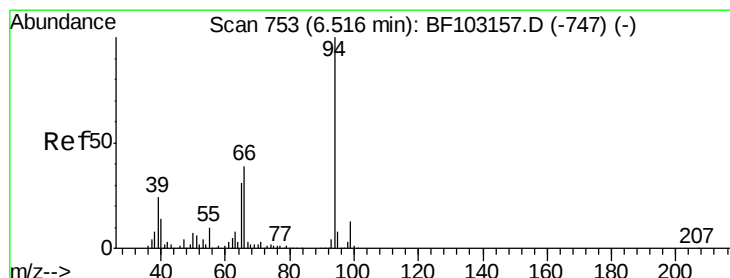
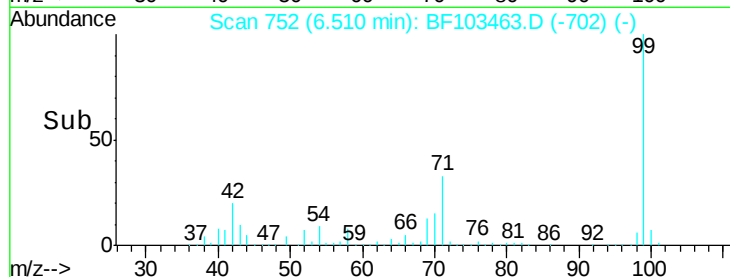
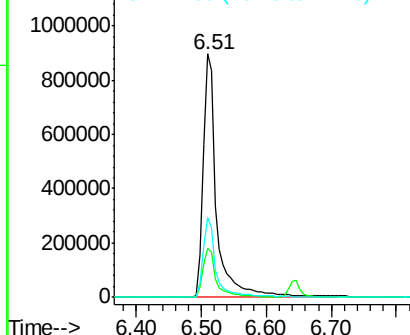
APPROVED

Sohil

3/7/2018 12:17:05 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.388 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103463.D

Acq: 6 Mar 2018 18:50

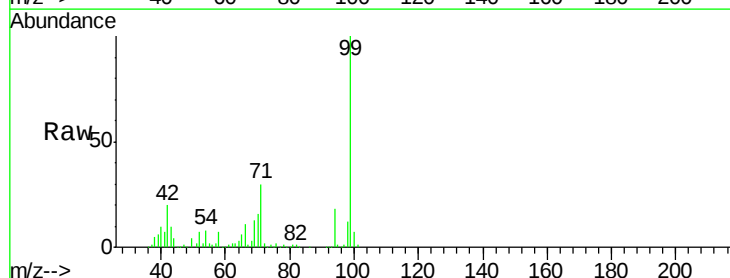
Tgt Ion: 94 Resp: 89368

Ion Ratio Lower Upper

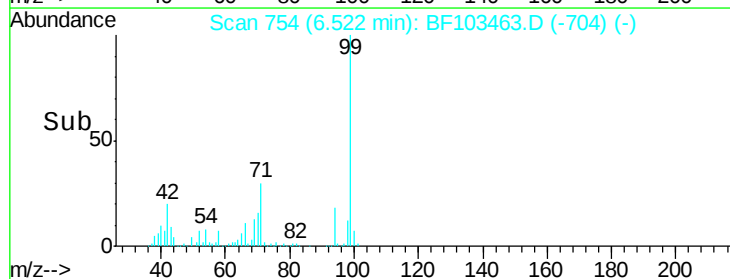
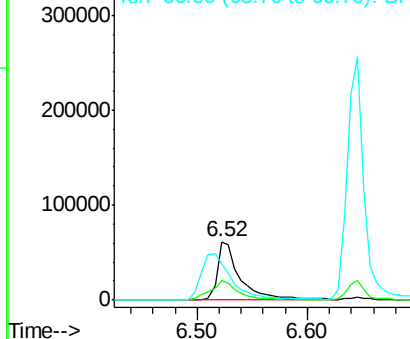
94 100

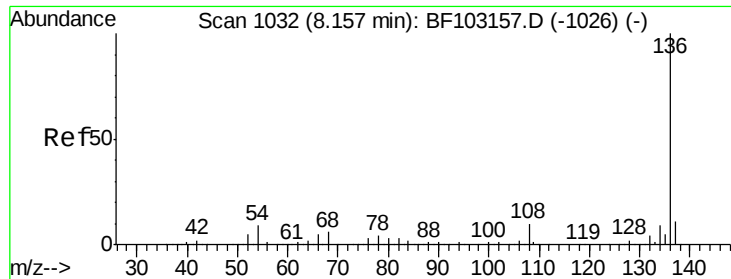
65 34.4 7.9 47.9

66 62.2 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





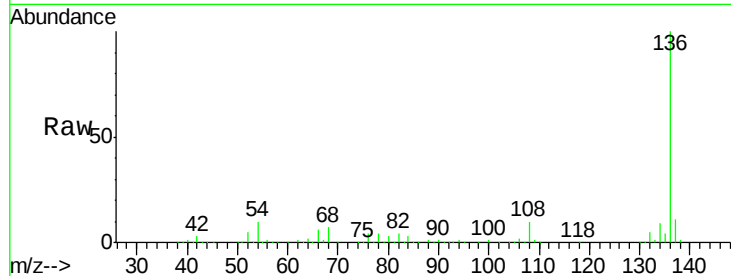
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :
SP-15

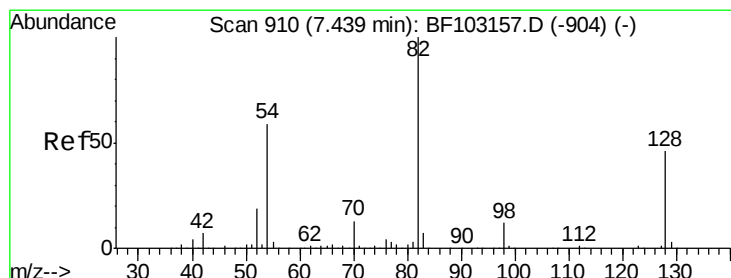
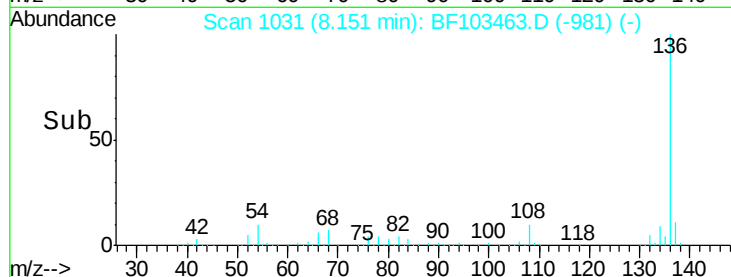
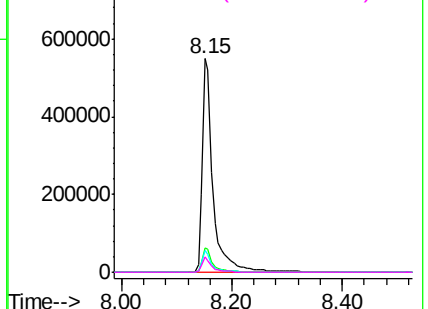
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.0	6.6	9.8
68	7.2	5.0	7.4

Manual Integrations
APPROVED

Sohil
3/7/2018 12:17:05 PM



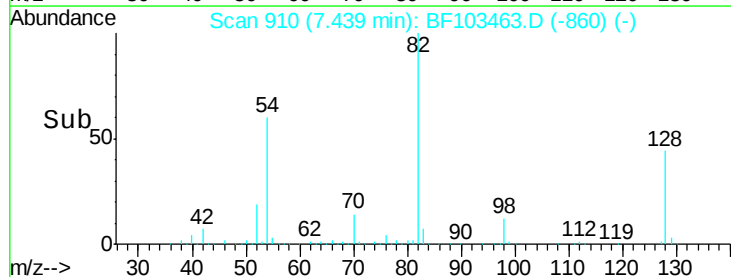
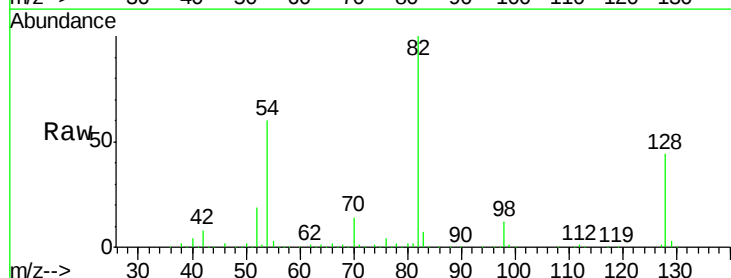
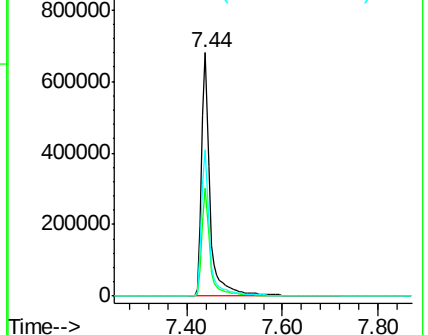
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

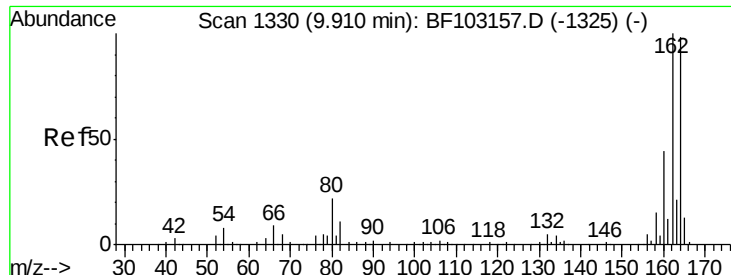


#23
Nitrobenzene-d5
Concen: 65.516 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	60.0	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





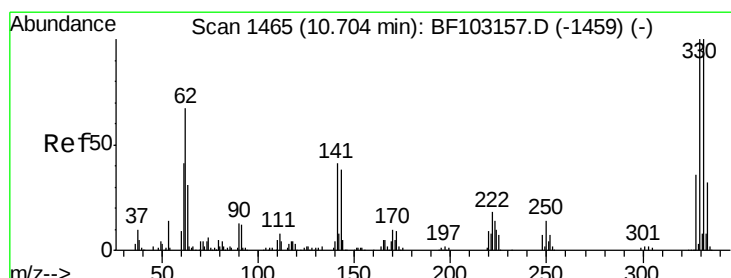
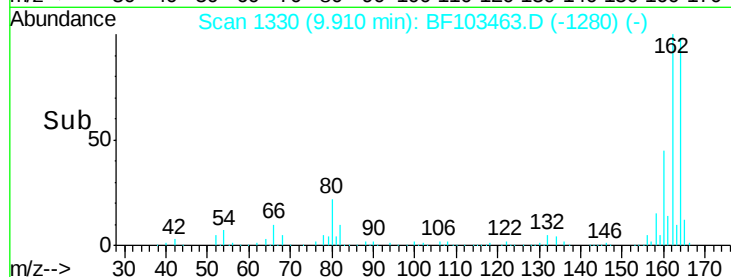
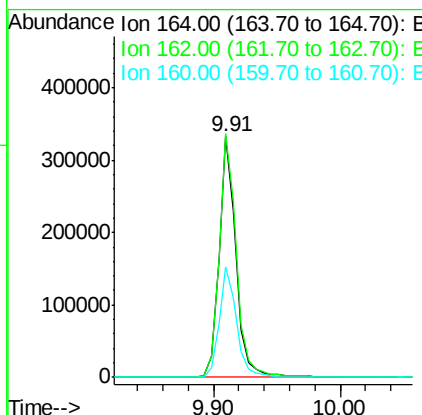
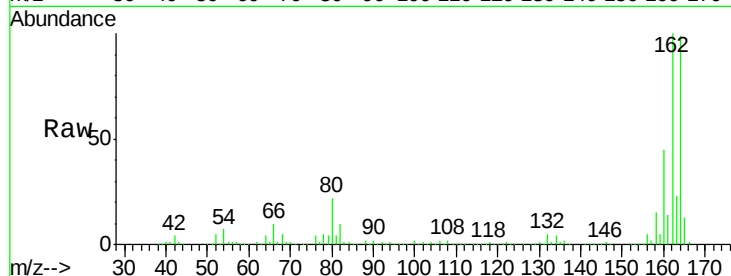
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103463.D
 Acq: 6 Mar 2018 18:50

Instrument :
 BNA_F
 ClientSampled :
 SP-15

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	45.9	38.3	57.5

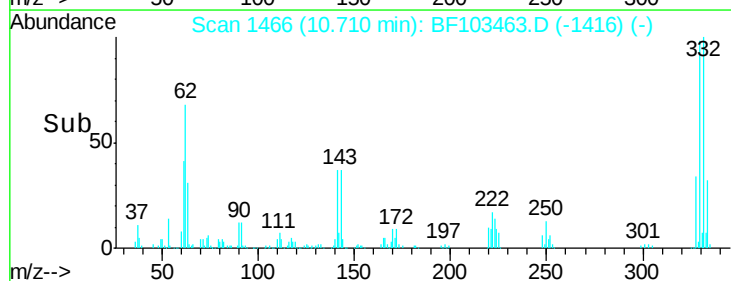
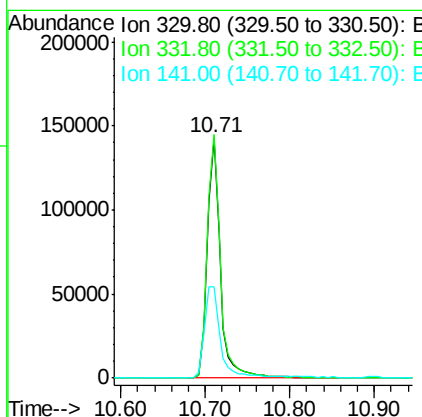
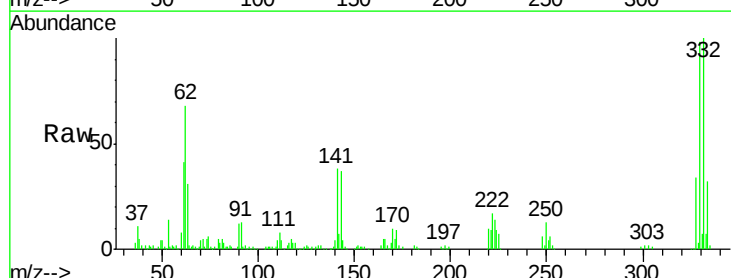
Manual Integrations
 APPROVED

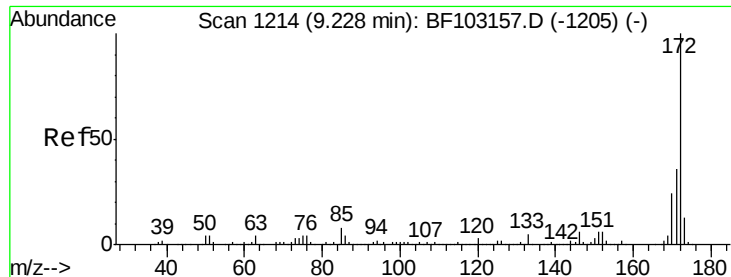
Sohil
 3/7/2018 12:17:05 PM



#41
 2,4,6-Tribromophenol
 Concen: 59.394 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103463.D
 Acq: 6 Mar 2018 18:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.6
141	45.9	29.9	44.9#





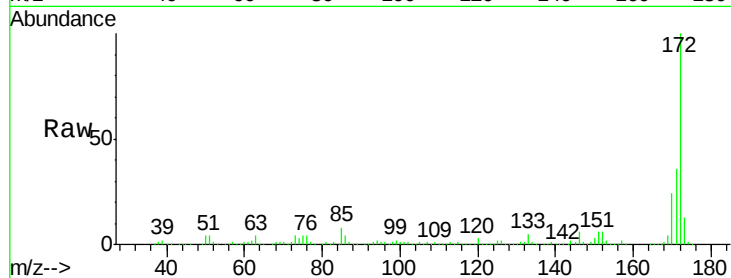
#44
2-Fluorobiphenyl
Concen: 52.798 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampled :
SP-15

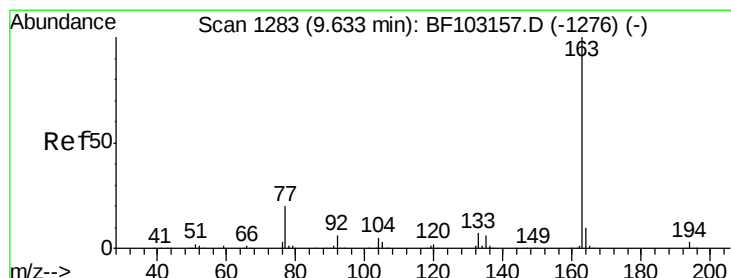
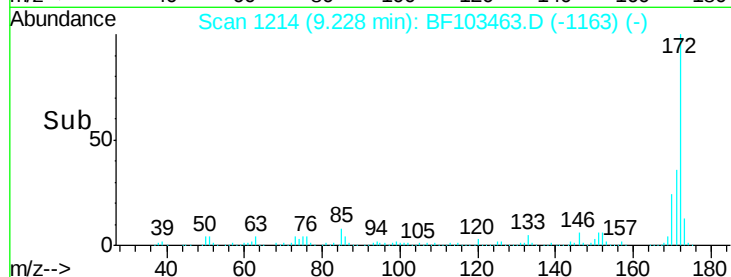
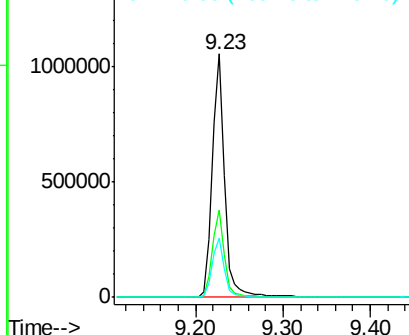
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.4	19.6	29.4

Manual Integrations
APPROVED

Sohil
3/7/2018 12:17:05 PM

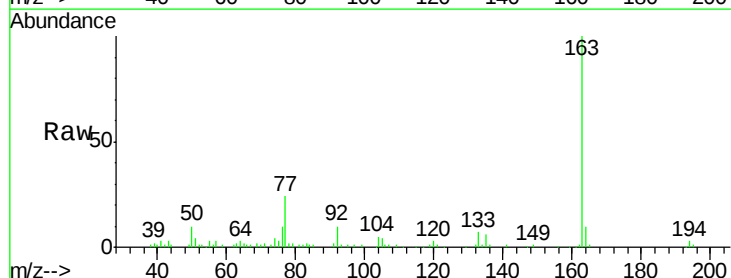


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

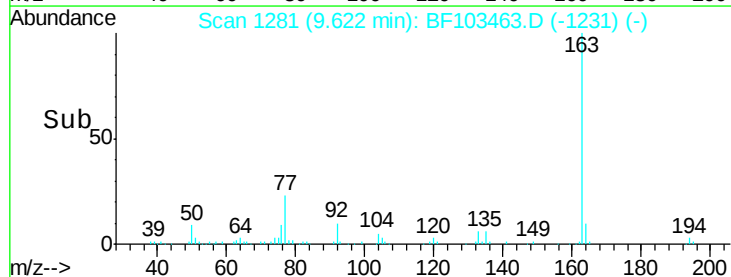
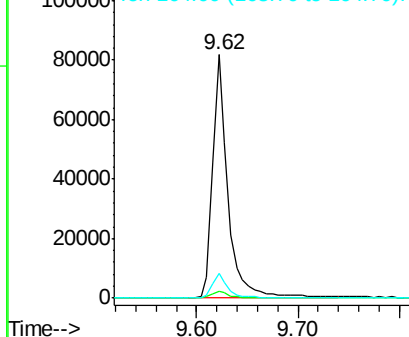


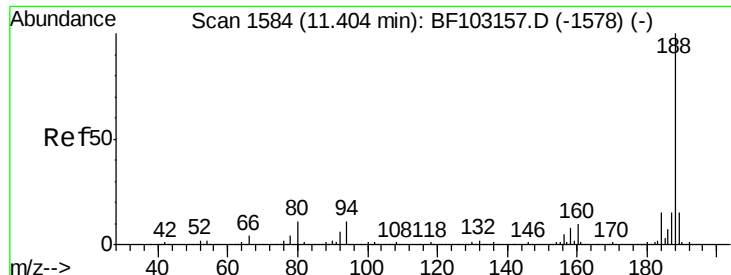
#49
Dimethylphthalate
Concen: 3.467 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.7	4.1
164	10.2	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





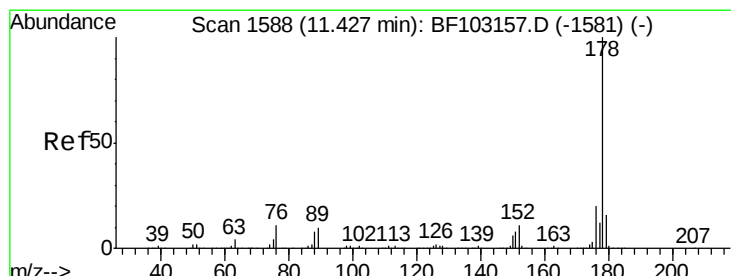
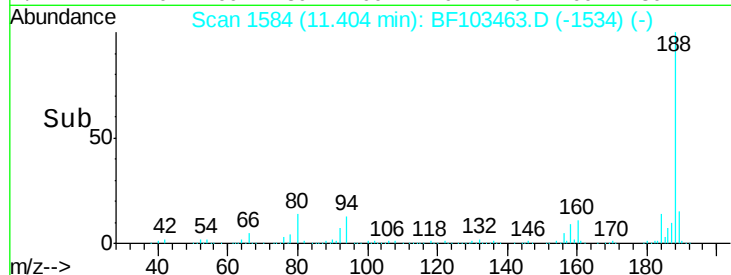
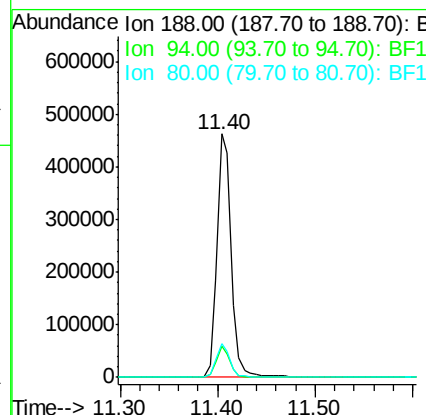
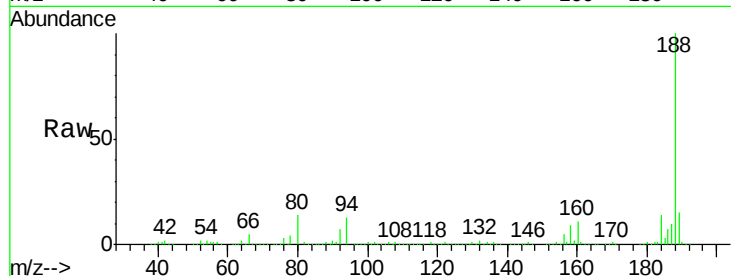
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103463.D
 Acq: 6 Mar 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SP-15

Tot Ion	Ratio	Resp	Lower	Upper
188	100	467292		
94	12.7	8.5	12.7#	
80	13.6	9.2	13.8	

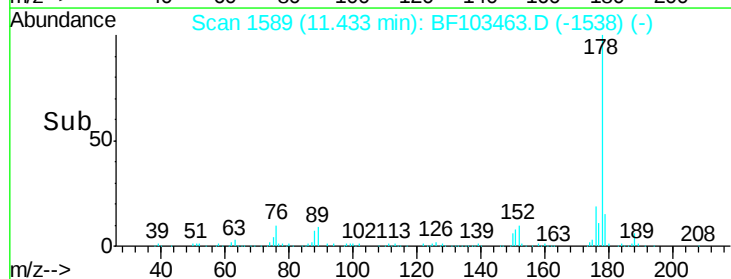
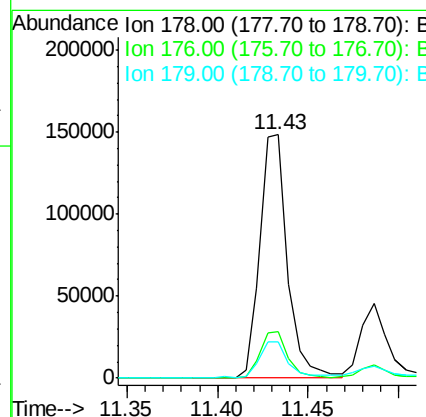
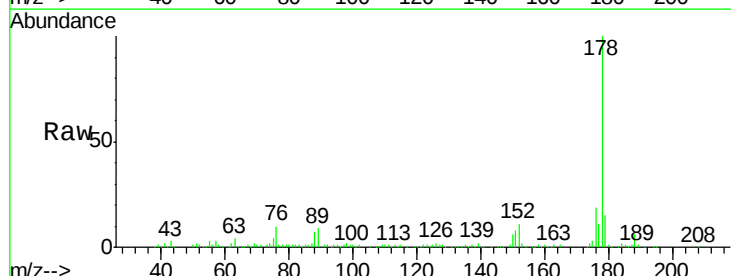
Manual Integrations
 APPROVED

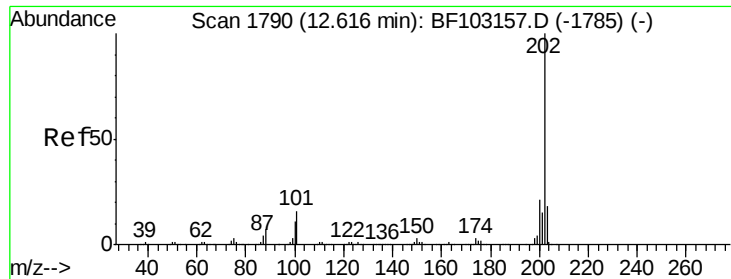
Sohil
 3/7/2018 12:17:05 PM



#70
 Phenanthrene
 Concen: 6.148 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103463.D
 Acq: 6 Mar 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	158098		
176	19.2	15.8	23.8	
179	15.0	13.0	19.6	





#74

Fluoranthene

Concen: 12.230 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103463.D

Acq: 6 Mar 2018 18:50

Instrument :

BNA_F

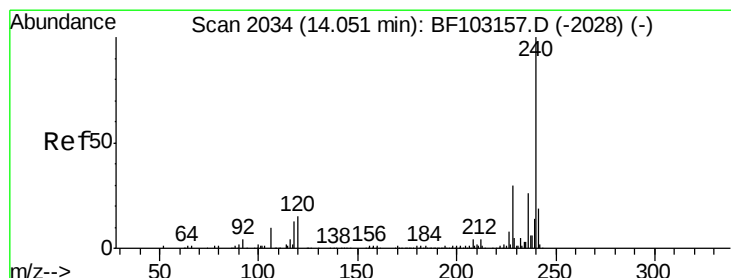
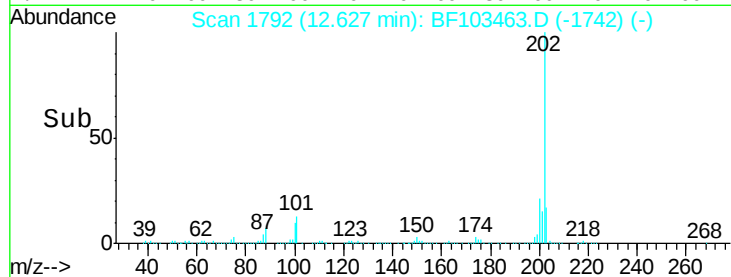
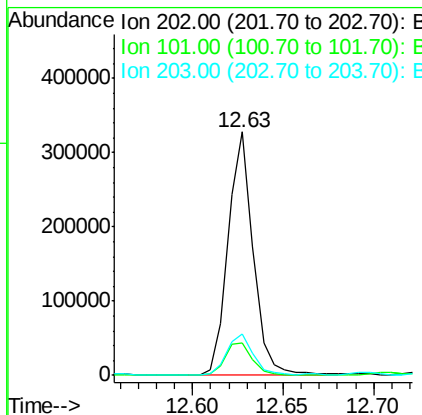
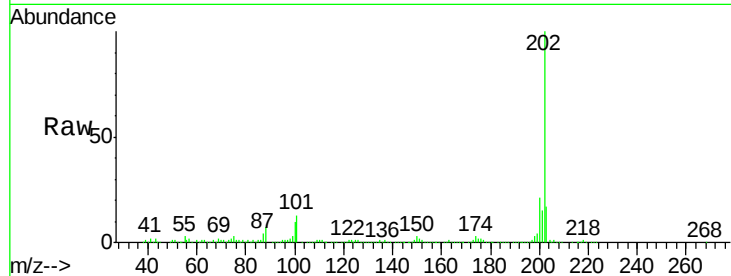
ClientSampleId :

SP-15

Tot Ion:	202	Resp:	316040
Ion Ratio		Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
APPROVED

Sohil
3/7/2018 12:17:05 PM



#75

Chrysene-d12

Concen: 20.000 ng

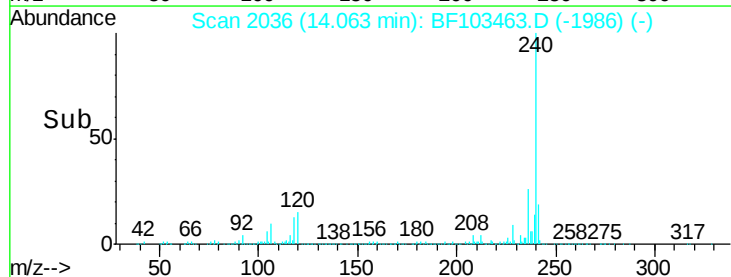
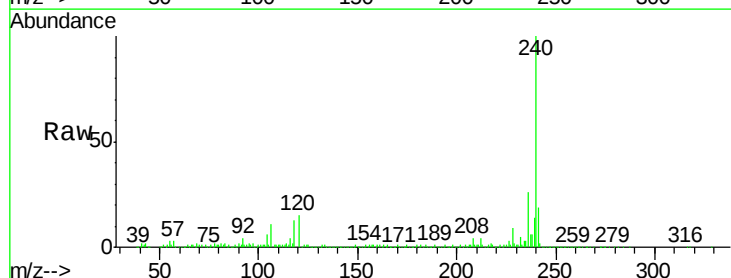
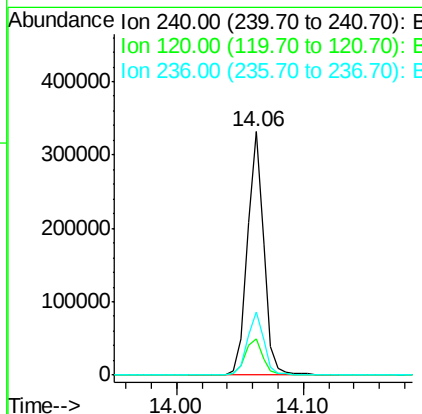
RT: 14.06 min Scan# 2036

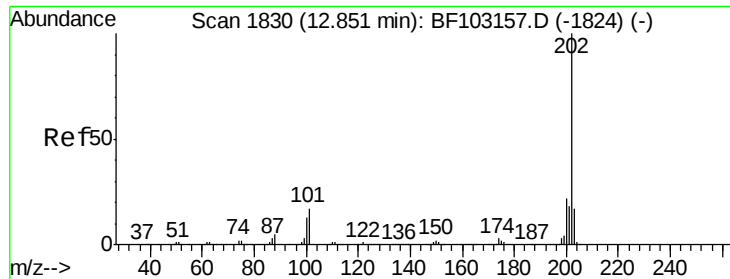
Delta R.T. -0.01 min

Lab File: BF103463.D

Acq: 6 Mar 2018 18:50

Tgt Ion:	240	Resp:	292922
Ion Ratio		Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.8	20.7	31.1





#77

Pvrene

Concen: 13.403 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF103463.D

Acq: 6 Mar 2018 18:50

Instrument :

BNA_F

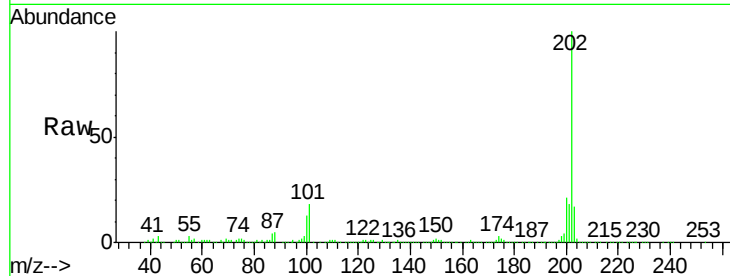
ClientSampleId :

SP-15

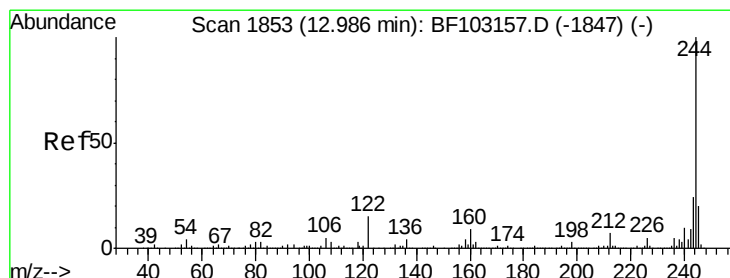
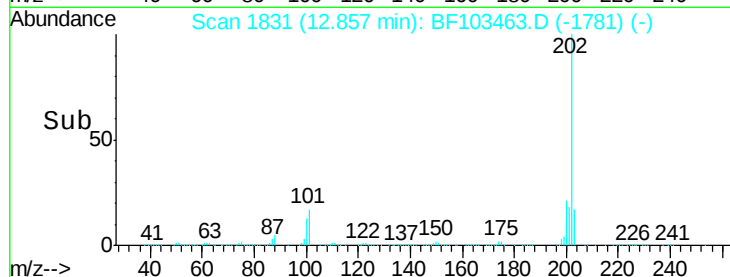
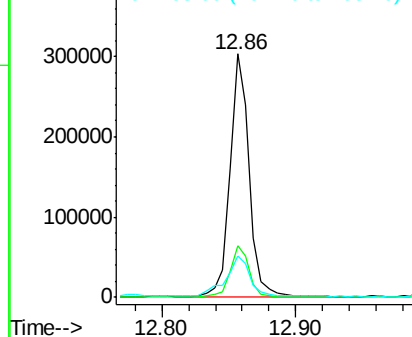
Tot Ion:	202	Resp:	306095
Ion Ratio		Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.0	14.3	21.5

Manual Integrations
APPROVED

Sohil
3/7/2018 12:17:05 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 56.676 ng

RT: 12.99 min Scan# 1854

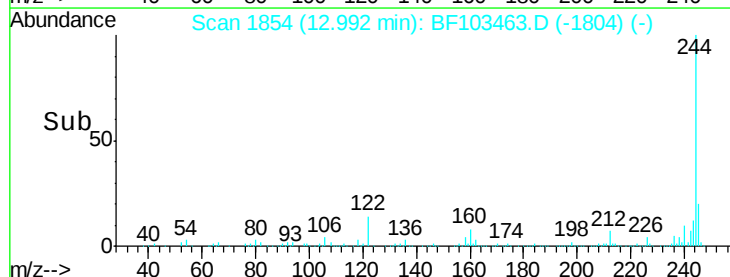
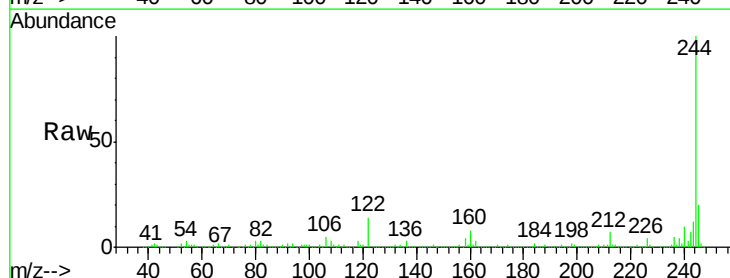
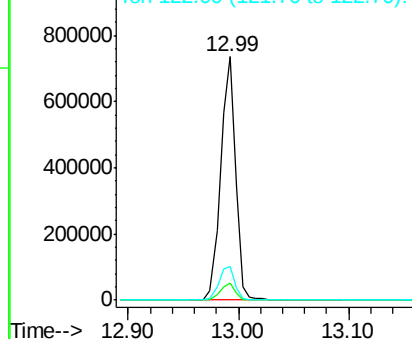
Delta R.T. -0.01 min

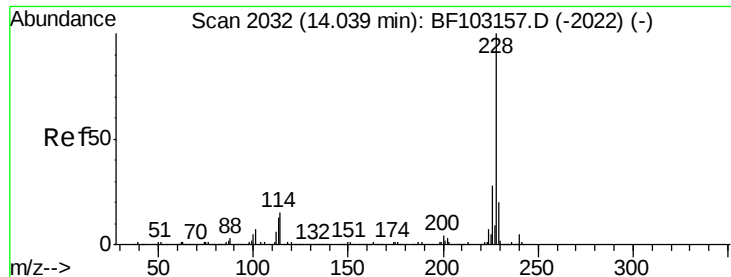
Lab File: BF103463.D

Acq: 6 Mar 2018 18:50

Tgt Ion:	244	Resp:	690624
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.0	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





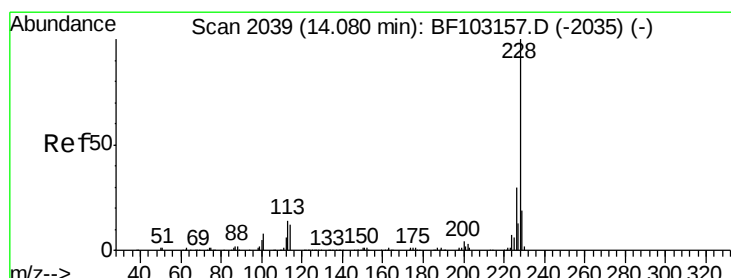
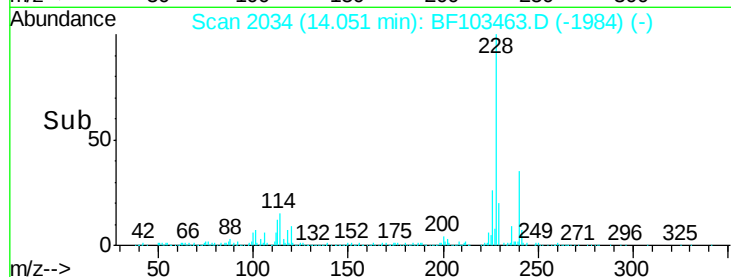
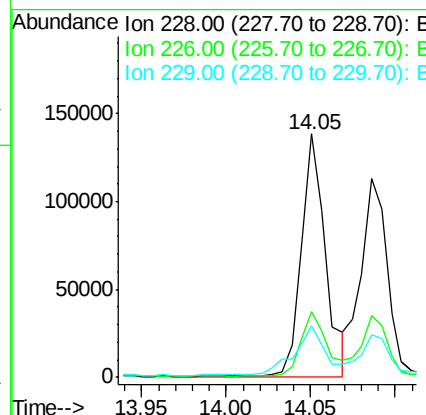
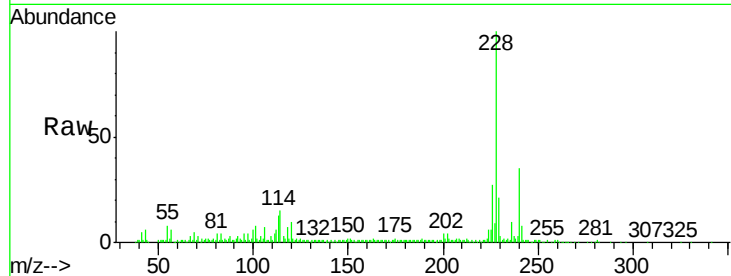
#80
Benzo(a)anthracene
Concen: 7.268 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampled :
SP-15

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	21.0	15.8	23.6

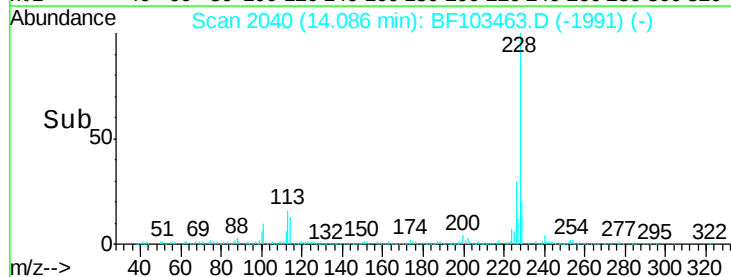
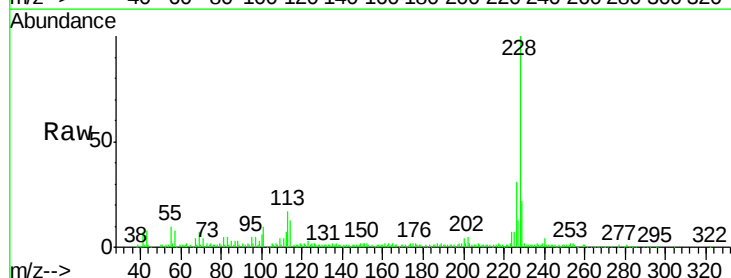
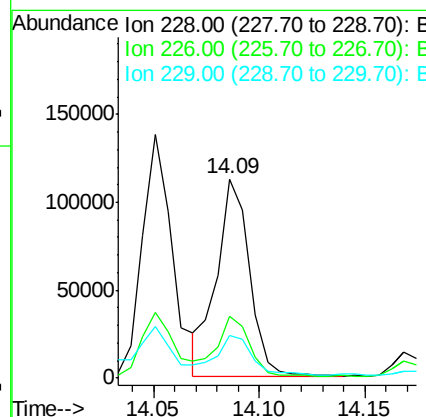
Manual Integrations
APPROVED

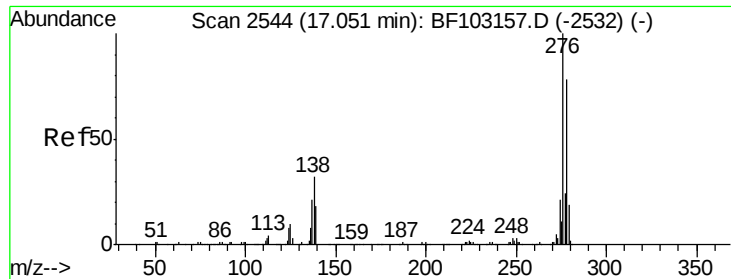
Sohil
3/7/2018 12:17:05 PM



#82
Chrysene
Concen: 6.690 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.5	16.2	24.4





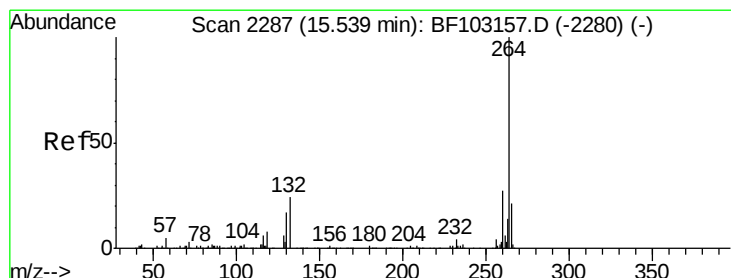
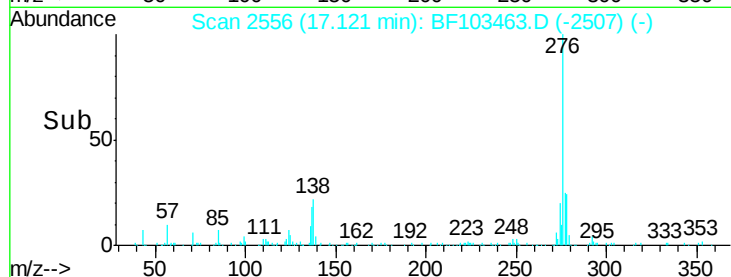
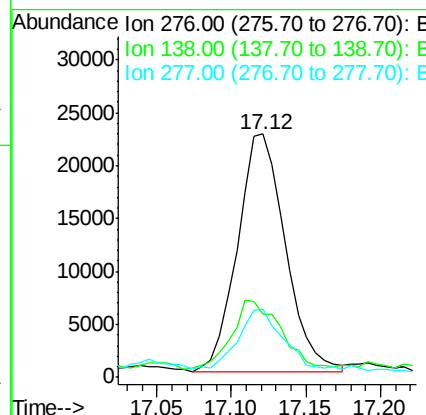
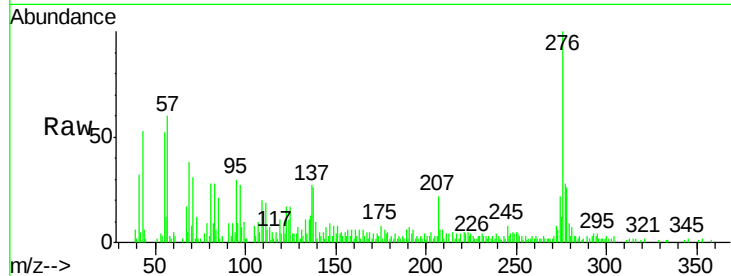
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.430 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :
SP-15

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.0	37.6
277	23.8	20.1	30.1

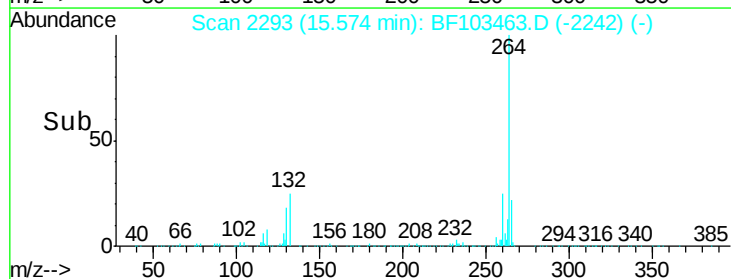
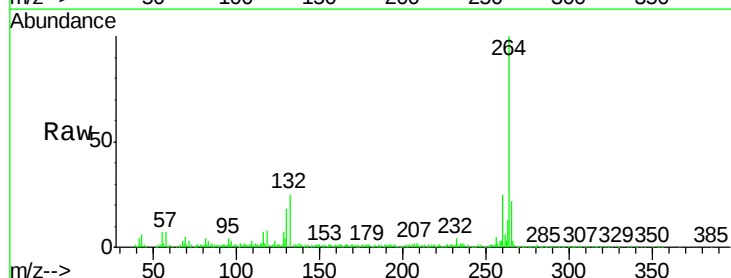
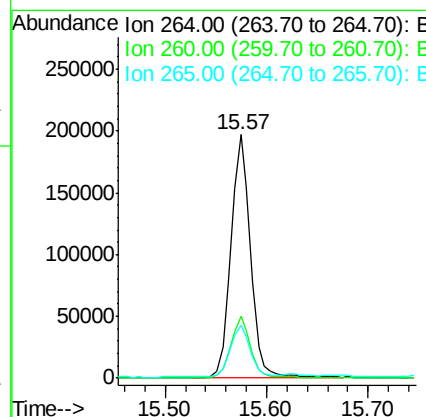
Manual Integrations
APPROVED

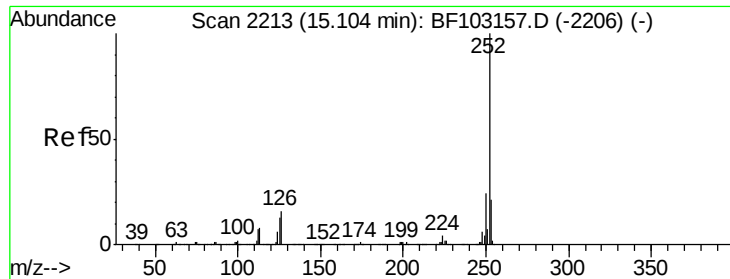
Sohil
3/7/2018 12:17:05 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.0	17.5	26.3





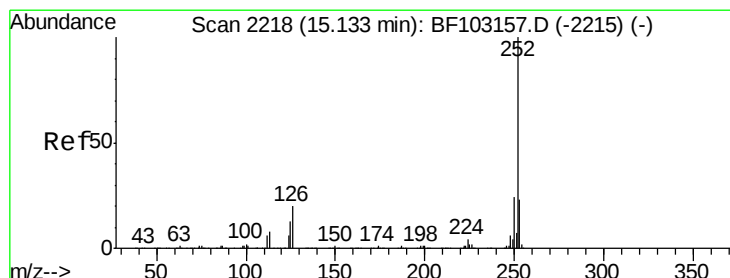
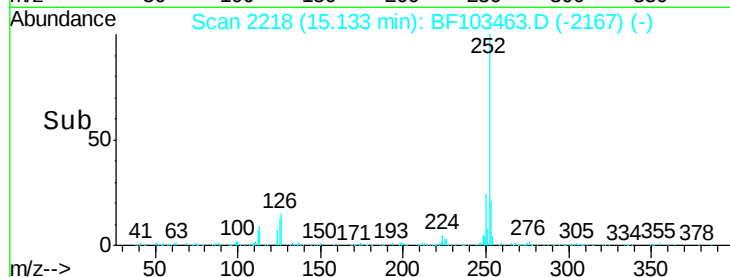
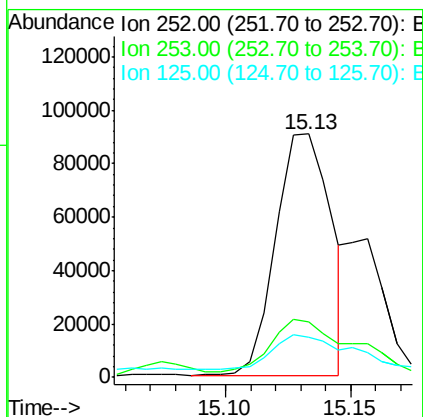
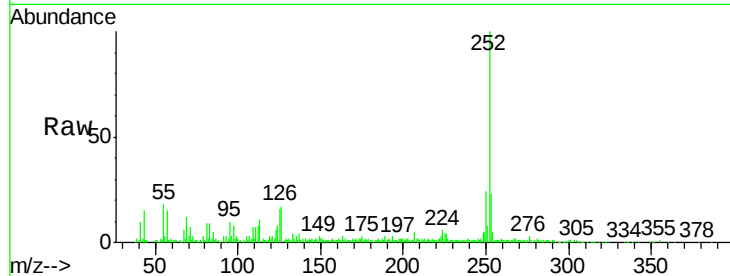
#87
Benzo(b)fluoranthene
Concen: 8.094 ng m
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :
SP-15

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	16.4	9.0	13.6

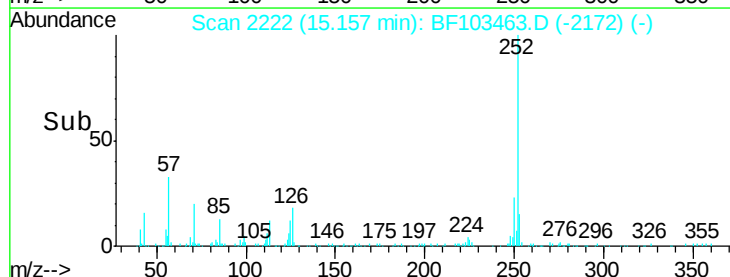
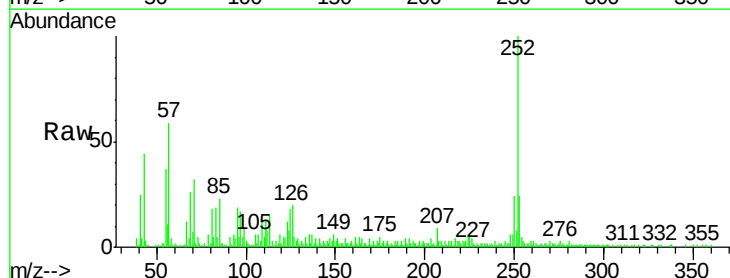
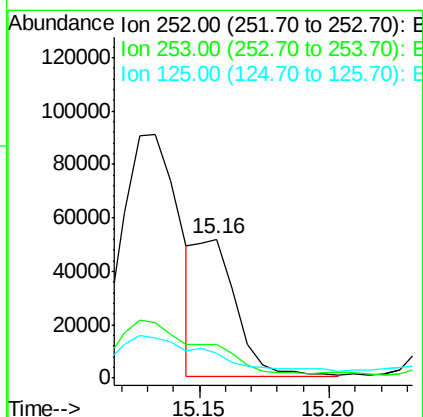
Manual Integrations
APPROVED

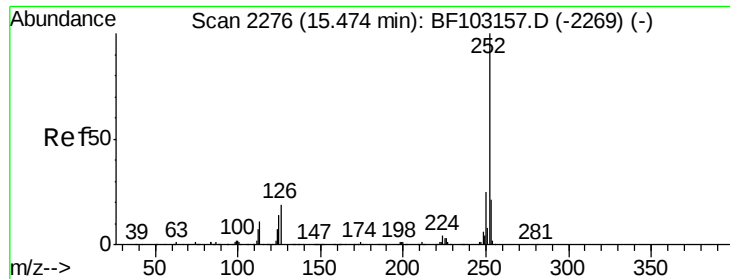
Sohil
3/7/2018 12:17:05 PM



#88
Benzo(k)fluoranthene
Concen: 3.382 ng m
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	17.9	10.2	15.2





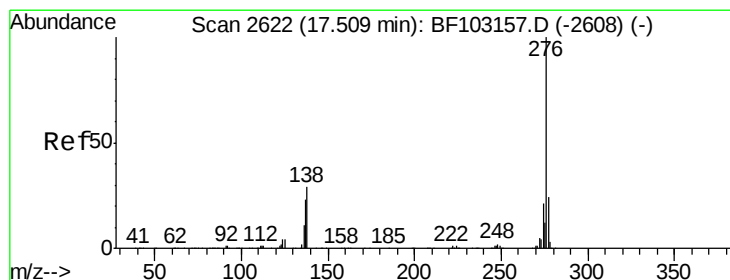
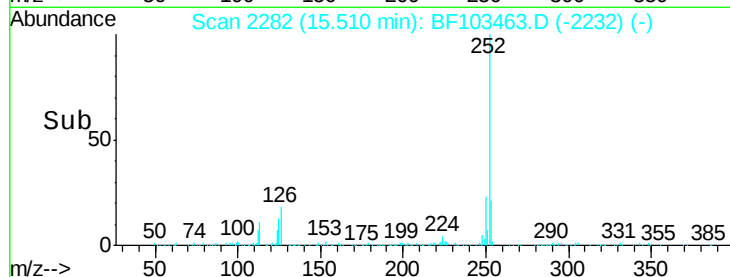
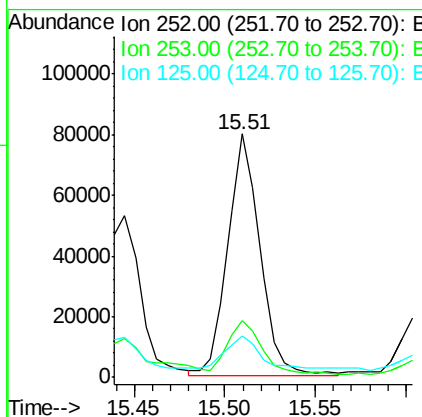
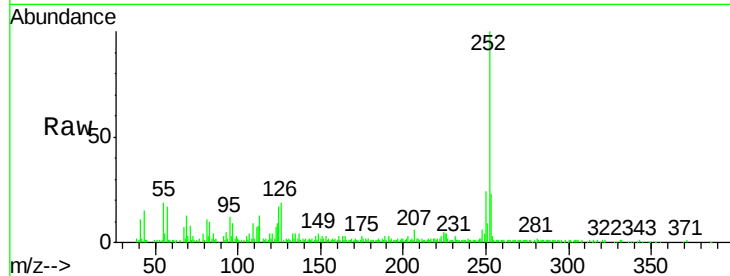
#89
Benzo(a)pyrene
Concen: 6.419 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampled :
SP-15

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	17.0	9.8	14.6

Manual Integrations
APPROVED

Sohil
3/7/2018 12:17:05 PM



#91
Benzo(g,h,i)perylene
Concen: 4.232 ng
RT: 17.59 min Scan# 2635
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	27.5	21.8	32.8

