

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103451.D
 Acq On : 6 Mar 2018 13:10
 Operator : SJ/JU
 Sample : J1723-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-23

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:14:47 PM

Quant Time: Mar 06 14:56:44 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	125936	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	527180	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	223208	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	352437	20.00	ng	0.00
75) Chrysene-d12	14.06	240	210024	20.00	ng	0.00
86) Perylene-d12	15.58	264	188546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	635468	76.32	ng	0.00
7) Phenol-d6	6.51	99	778969	76.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	483289	52.35	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	110750	58.62	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	716231	49.84	ng	0.00
78) Terphenyl-d14	12.99	244	480008	54.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	43058	2.405	ng	99
70) Phenanthrene	11.43	178	130299	6.718	ng	98
74) Fluoranthene	12.63	202	215632	11.063	ng	98
77) Pyrene	12.86	202	213769	13.055	ng	99
80) Benzo(a)anthracene	14.05	228	96701	7.096	ng	97
82) Chrysene	14.09	228	89942	6.798	ng	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	39831	3.802	ng	96
87) Benzo(b)fluoranthene	15.13	252	110274m	8.895	ng	
88) Benzo(k)fluoranthene	15.16	252	42963m	3.680	ng	
89) Benzo(a)pyrene	15.52	252	75502	6.820	ng	# 91
91) Benzo(a,h,i)perylene	17.60	276	36445	4.359	ng	# 93

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

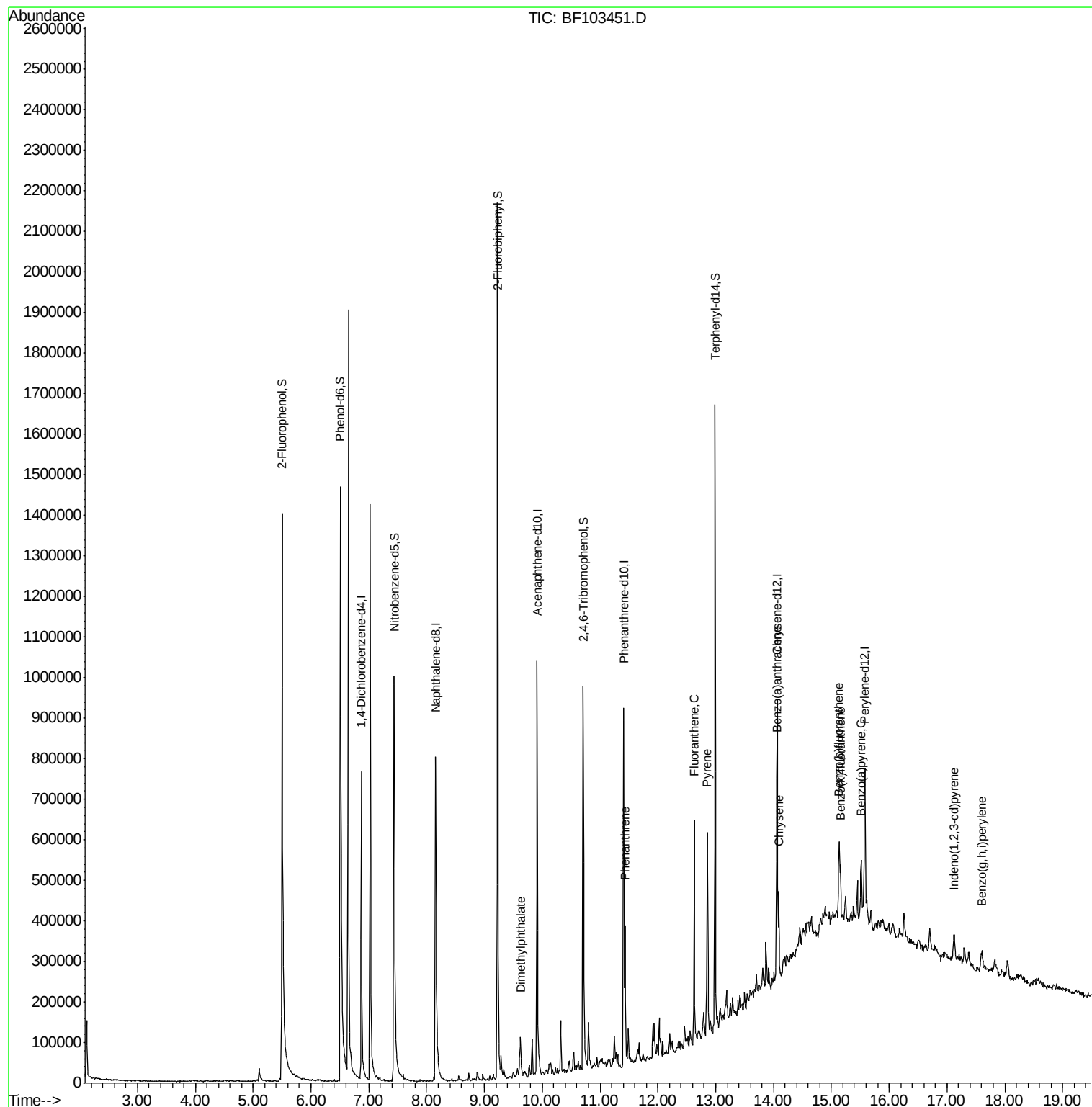
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103451.D
Acq On : 6 Mar 2018 13:10
Operator : SJ/JU
Sample : J1723-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

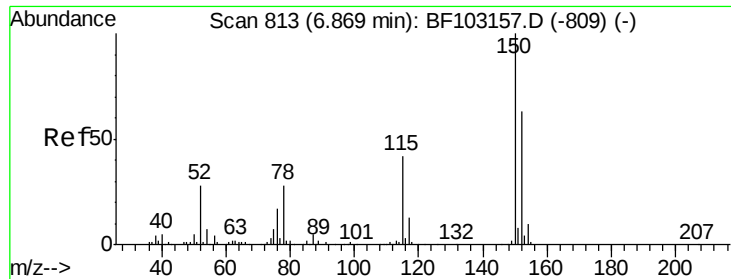
Instrument :
BNA_F
ClientSampleId :
SP-23

Manual Integrations
APPROVED

Sohil
3/7/2018 12:14:47 PM

Quant Time: Mar 06 14:56:44 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

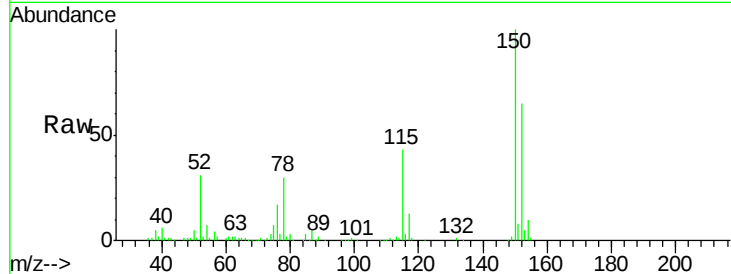
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Instrument :
BNA_F
ClientSampled :
SP-23

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	66.7	50.1	75.1

Manual Integrations
APPROVED

Sohil
3/7/2018 12:14:47 PM

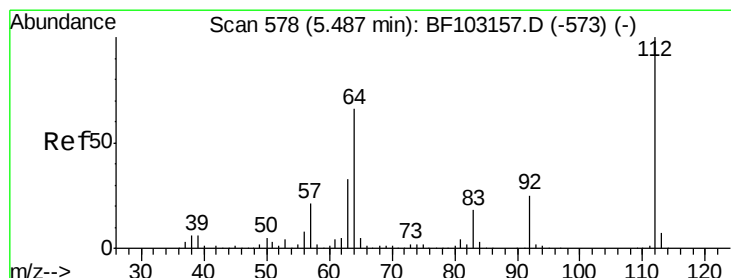
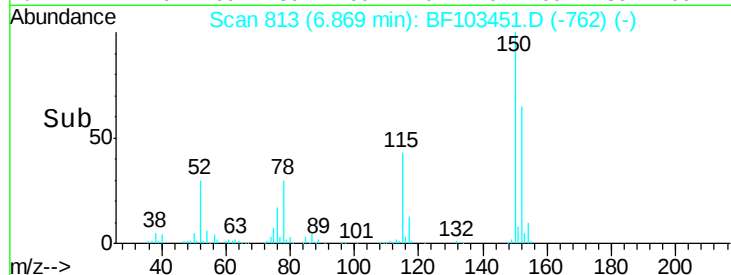
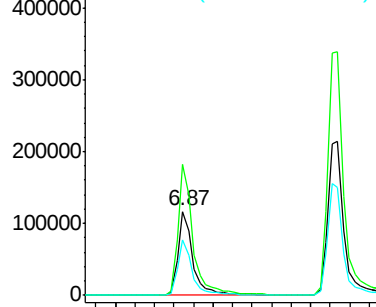


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

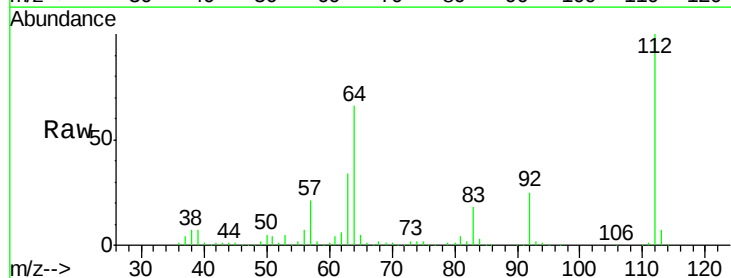
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.317 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	34.4	23.7	35.5

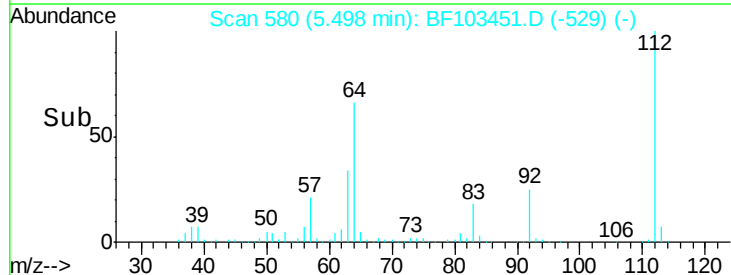
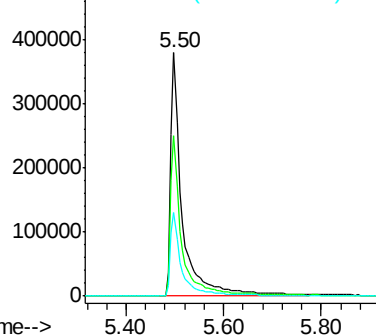


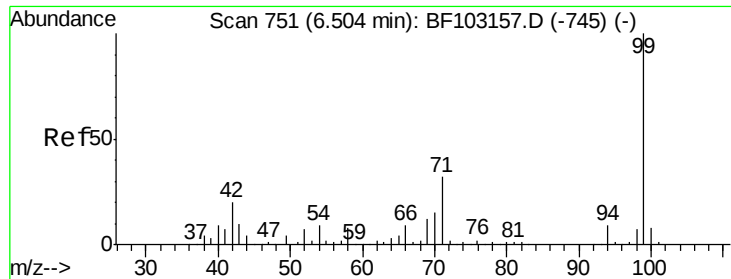
Abundance

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: 76.452 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103451.D

Acq: 6 Mar 2018 13:10

Instrument :

BNA_F

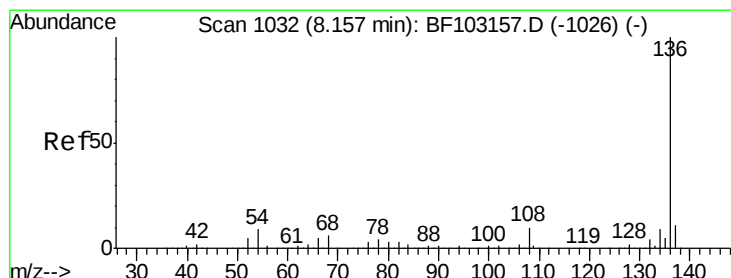
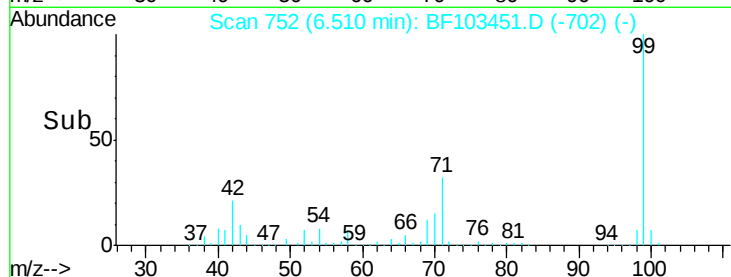
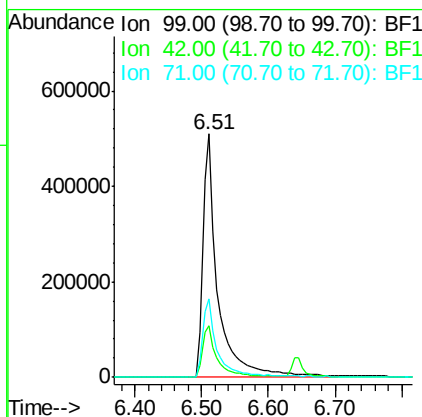
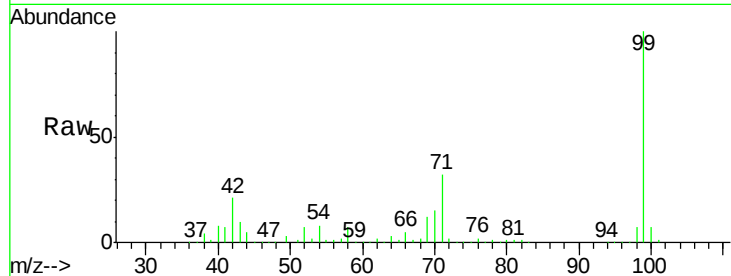
ClientSampled :

SP-23

Tot Ion:	99	Resp:	778969
Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	32.1	25.4	38.0

Manual Integrations
APPROVED

Sohil
3/7/2018 12:14:47 PM



#21

Naphthalene-d8

Concen: 20.000 ng

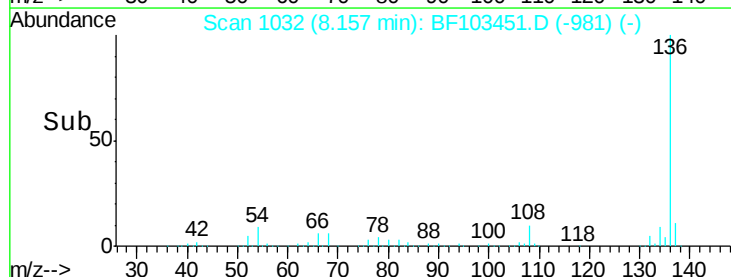
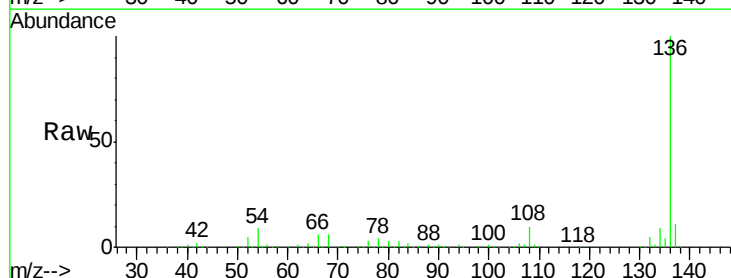
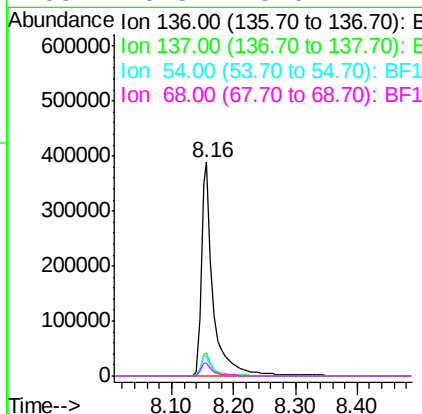
RT: 8.16 min Scan# 1032

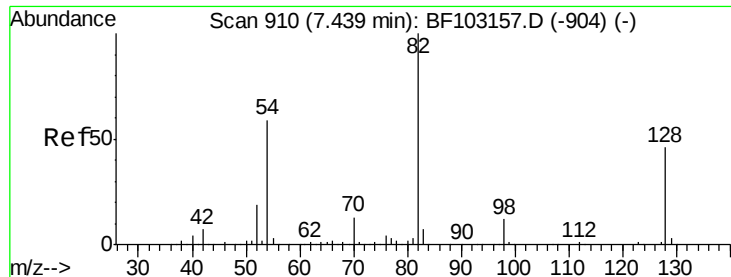
Delta R.T. 0.00 min

Lab File: BF103451.D

Acq: 6 Mar 2018 13:10

Tgt Ion:	136	Resp:	527180
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	6.6	9.8
68	6.3	5.0	7.4





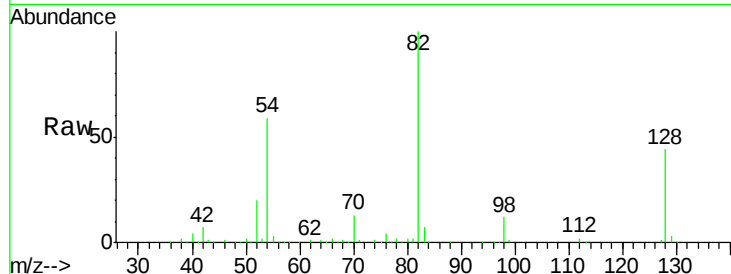
#23
 Nitrobenzene-d5
 Concen: 52.354 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103451.D
 Acq: 6 Mar 2018 13:10

Instrument :
 BNA_F
 ClientSampled :
 SP-23

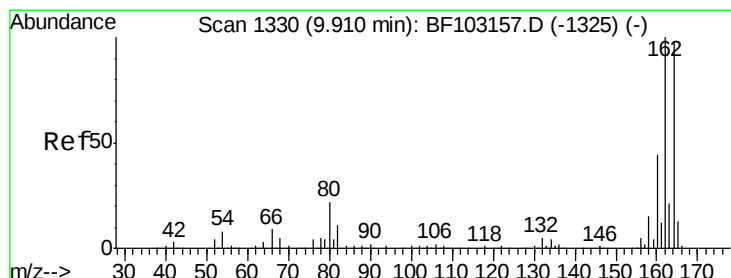
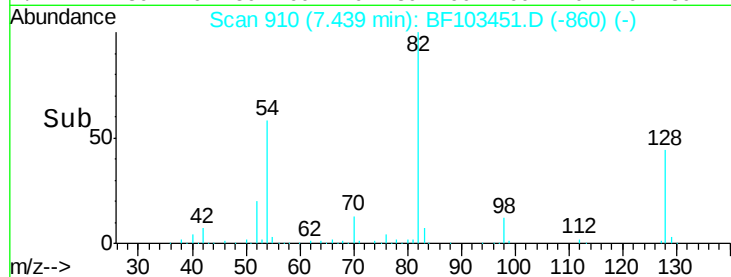
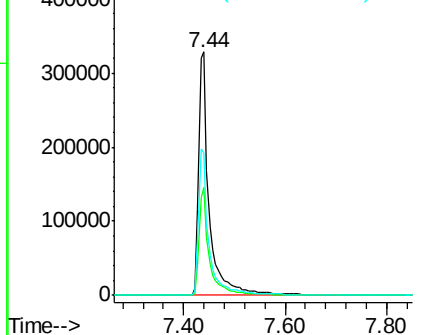
Tot Ion	82	Resp	483289
Ion Ratio	100	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	58.5	41.4	62.2

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:14:47 PM



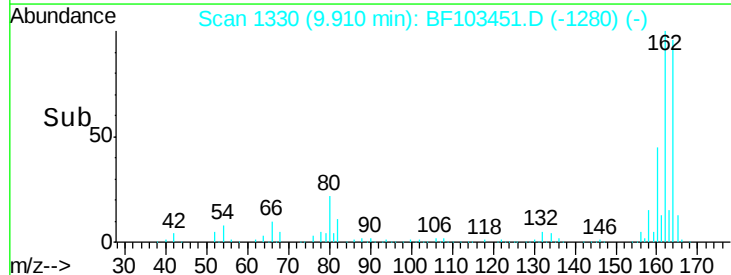
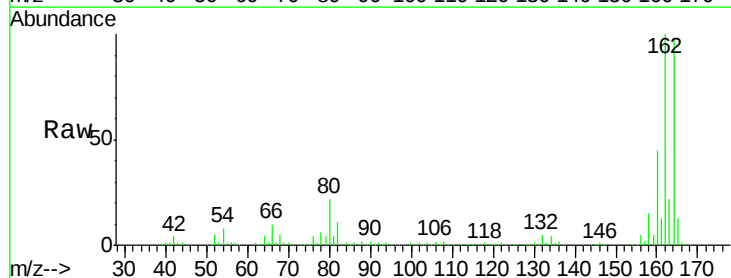
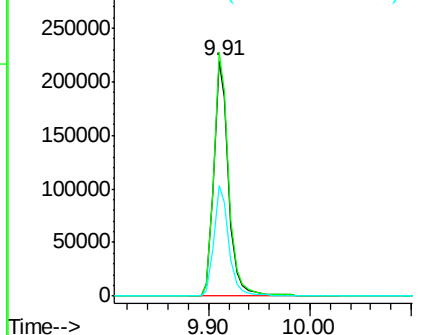
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

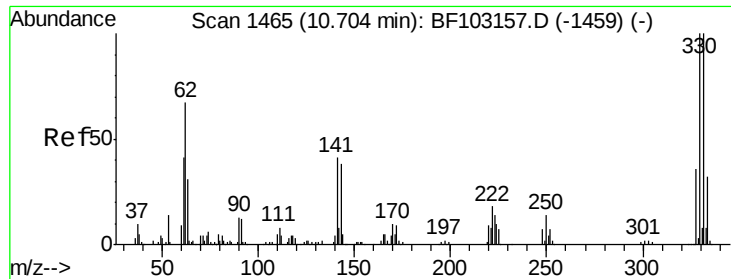


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103451.D
 Acq: 6 Mar 2018 13:10

Tgt Ion	164	Resp	223208
Ion Ratio	100	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.1	38.3	57.5

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





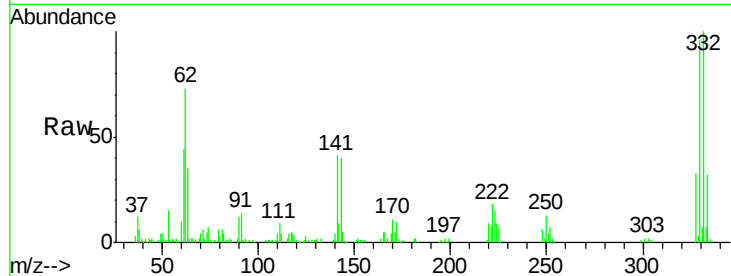
#41
 2,4,6-Tribromophenol
 Concen: 58.619 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103451.D
 Acq: 6 Mar 2018 13:10

Instrument :
 BNA_F
 ClientSampled :
 SP-23

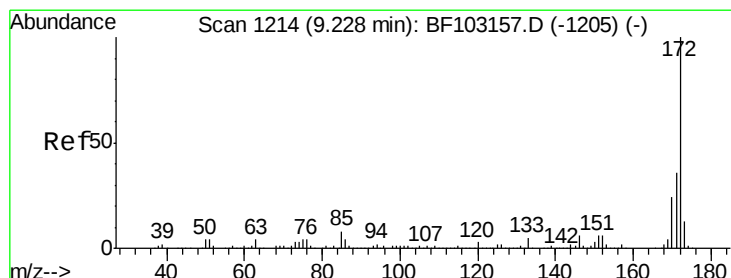
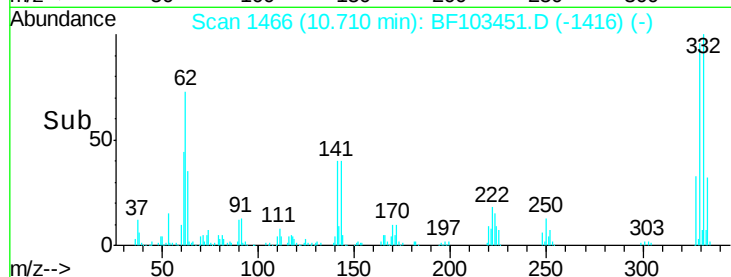
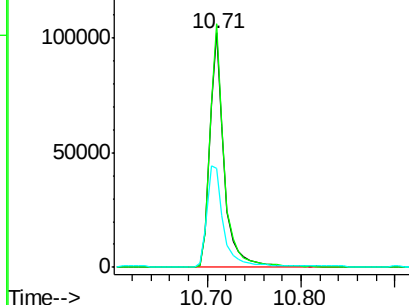
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.1	77.0	115.6	
141	50.8	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:14:47 PM



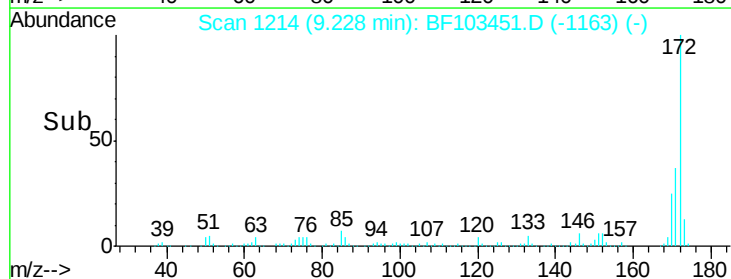
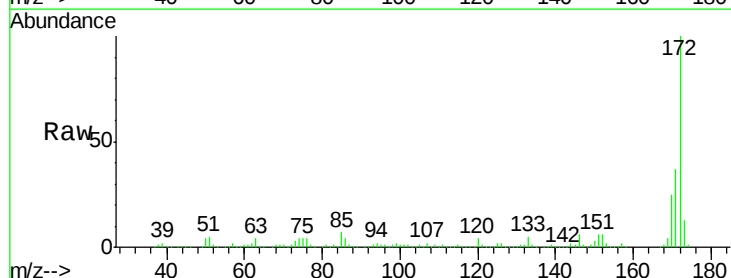
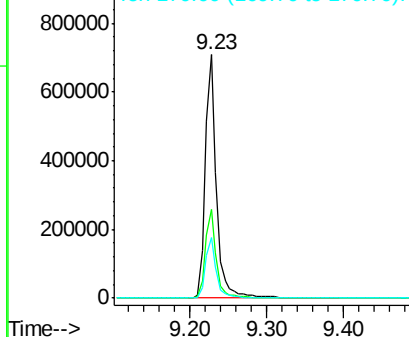
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

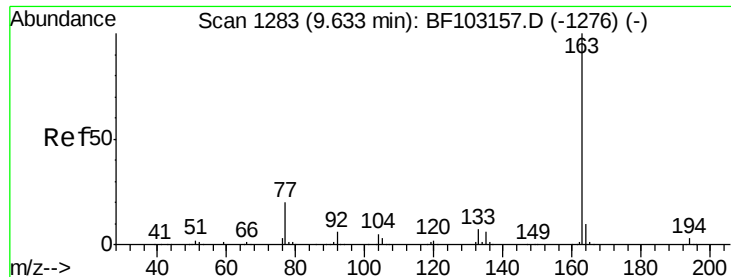


#44
 2-Fluorobiphenyl
 Concen: 49.836 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103451.D
 Acq: 6 Mar 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	29.7	44.5	
170	24.7	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





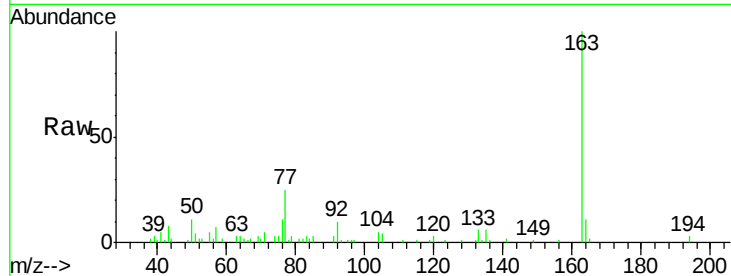
#49
Dimethylphthalate
Concen: 2.405 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Instrument :
BNA_F
ClientSampled :
SP-23

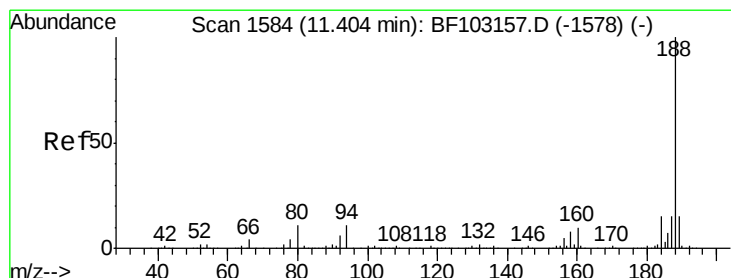
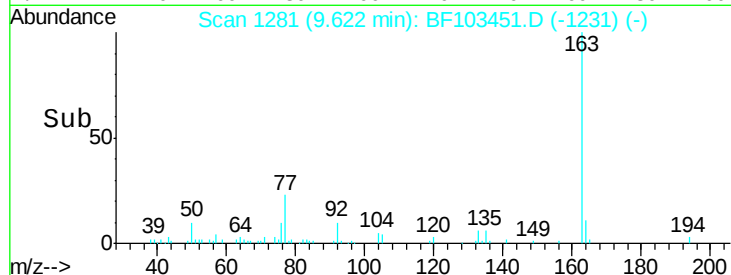
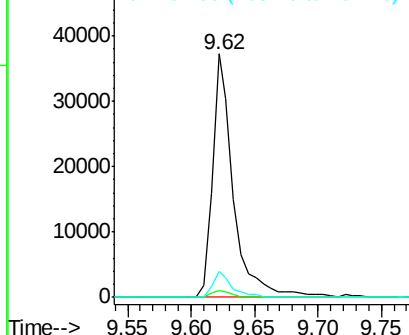
Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.0	2.7	4.1	
164	10.7	8.2	12.2	

Manual Integrations
APPROVED

Sohil
3/7/2018 12:14:47 PM

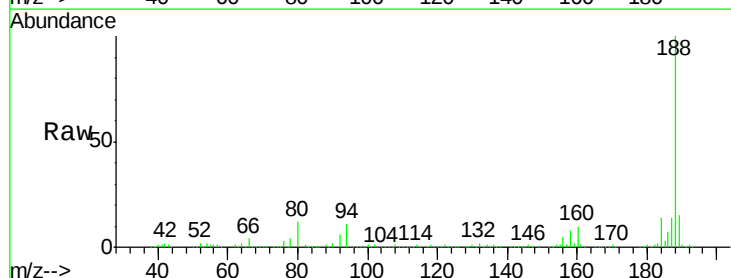


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

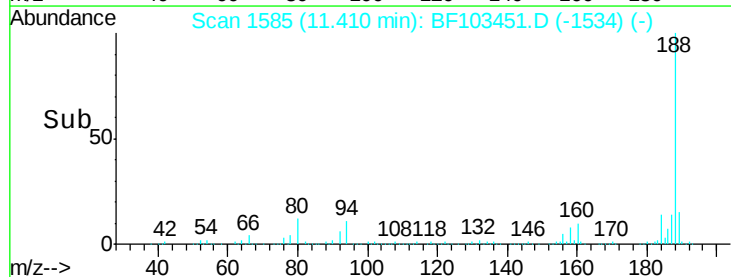
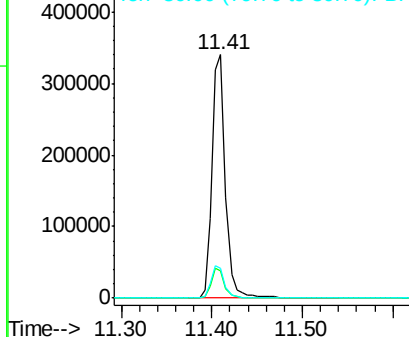


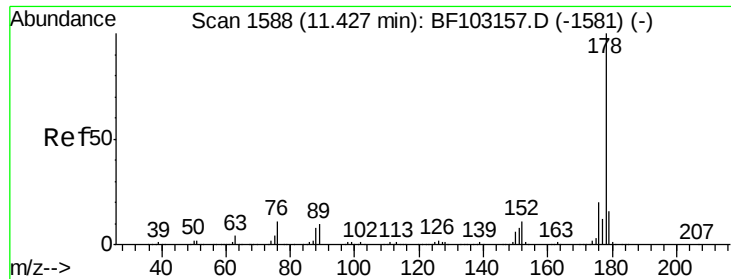
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.3	8.5	12.7	
80	12.2	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 6.718 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF103451.D

Acq: 6 Mar 2018 13:10

Instrument :

BNA_F

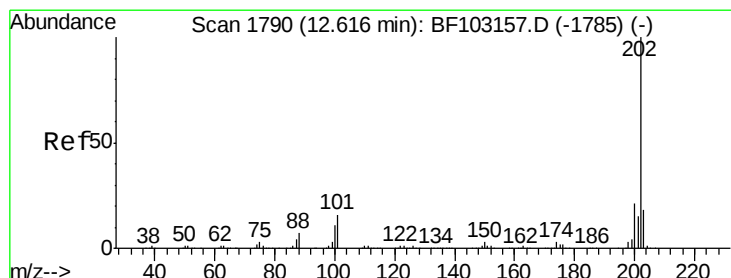
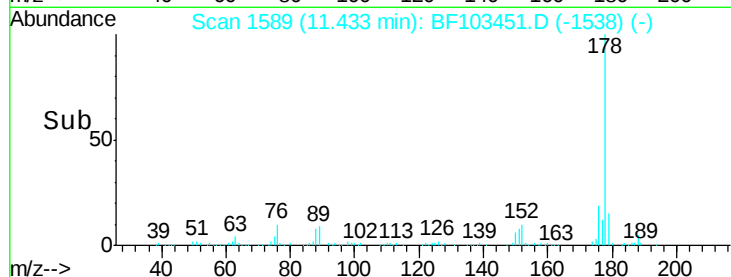
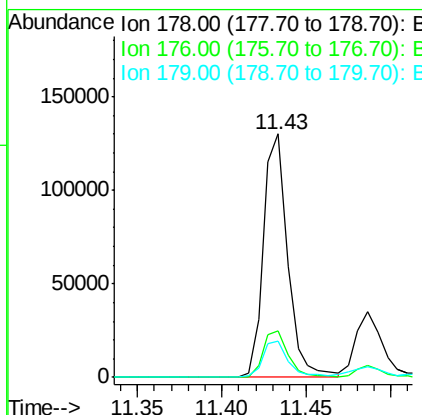
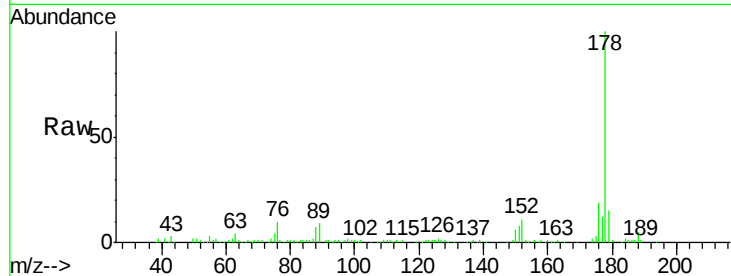
ClientSampled :

SP-23

Tot Ion:	178	Resp:	130299
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.8	23.8
179	15.1	13.0	19.6

Manual Integrations
APPROVED

Sohil
3/7/2018 12:14:47 PM



#74

Fluoranthene

Concen: 11.063 ng

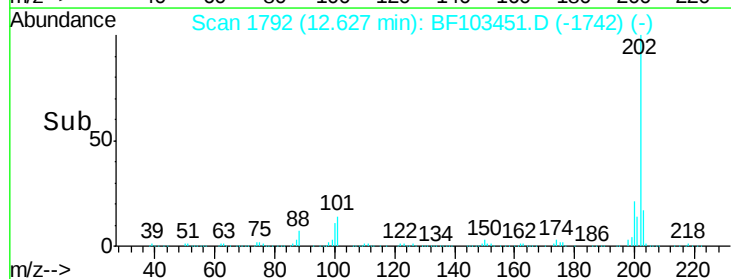
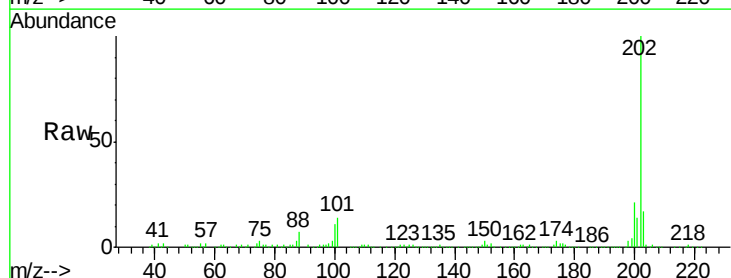
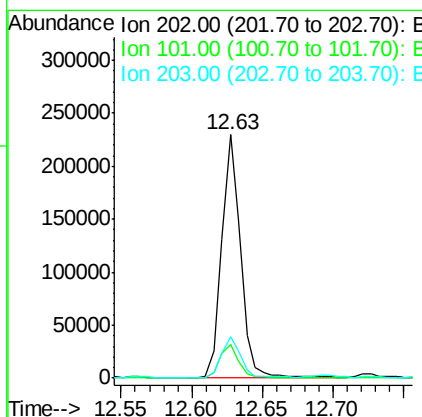
RT: 12.63 min Scan# 1792

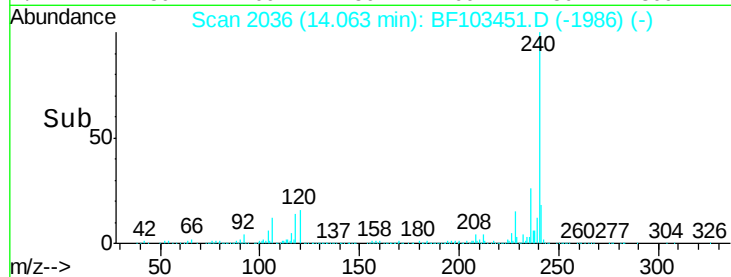
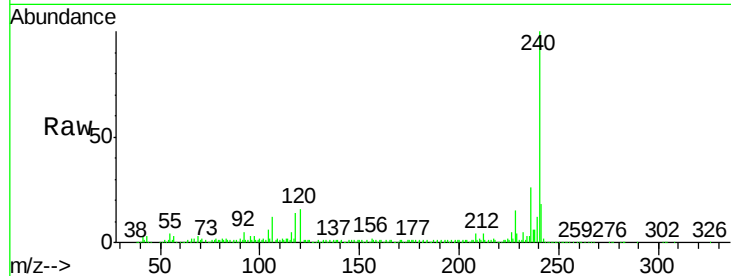
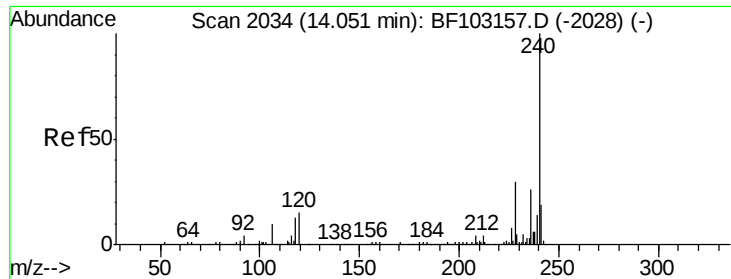
Delta R.T. -0.01 min

Lab File: BF103451.D

Acq: 6 Mar 2018 13:10

Tgt Ion:	202	Resp:	215632
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	34.1
203	16.8	0.0	38.1





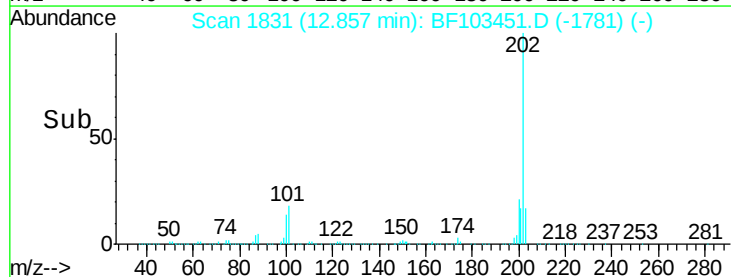
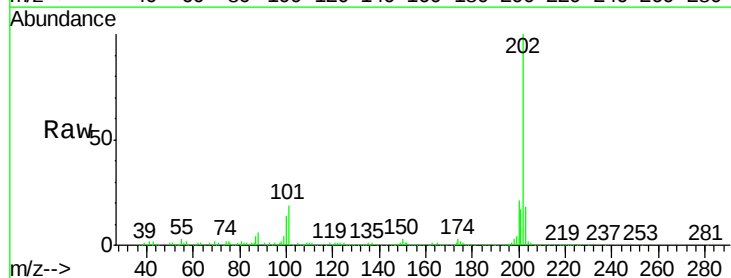
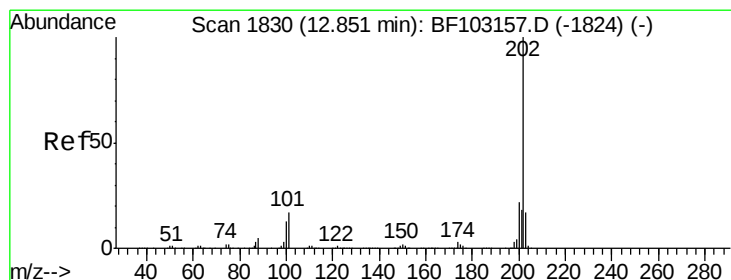
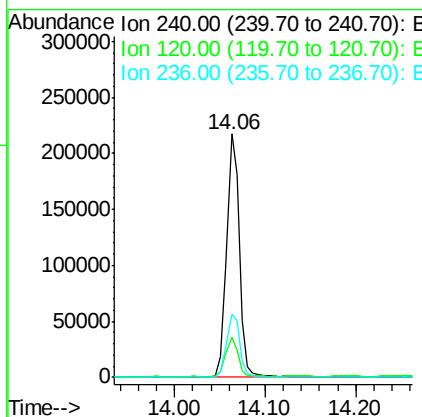
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3
236	25.9	20.7	31.1

Instrument :
BNA_F
ClientSampled :
SP-23

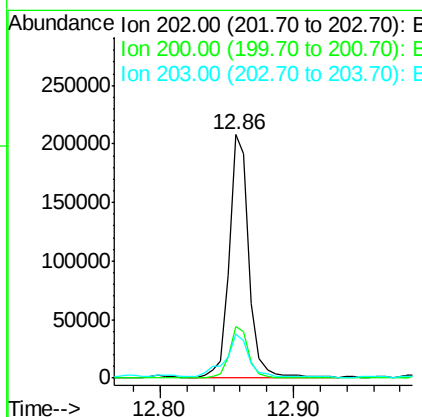
Manual Integrations
APPROVED

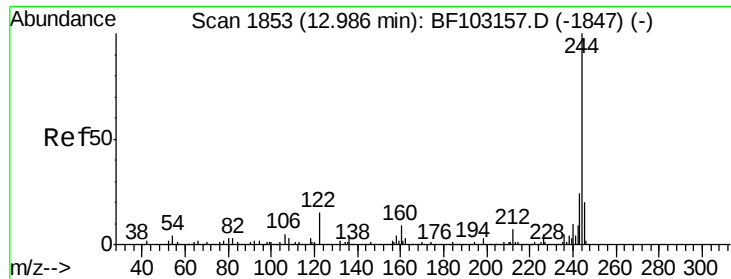
Sohil
3/7/2018 12:14:47 PM



#77
Pyrene
Concen: 13.055 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.0	14.3	21.5





#78

Terphenyl-d14

Concen: 54.940 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103451.D

Acq: 6 Mar 2018 13:10

Instrument :

BNA_F

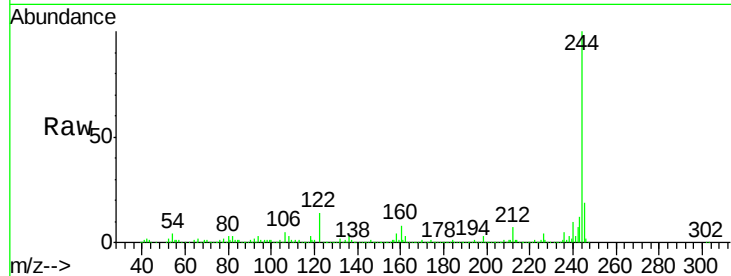
ClientSampled :

SP-23

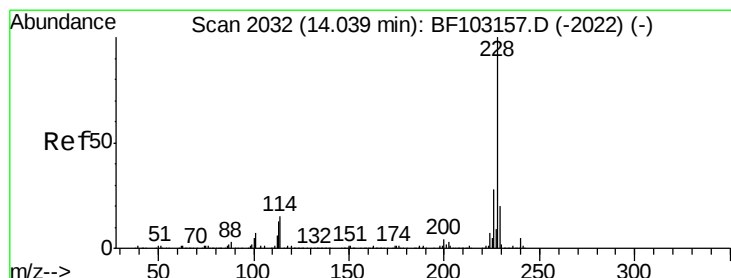
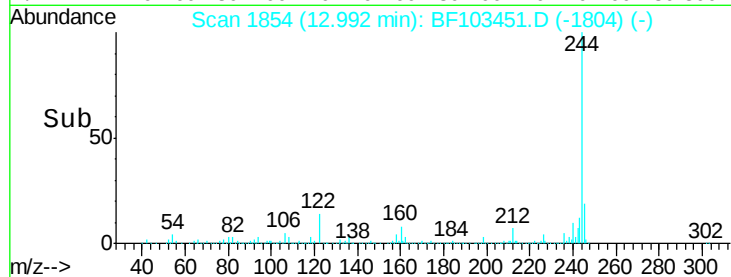
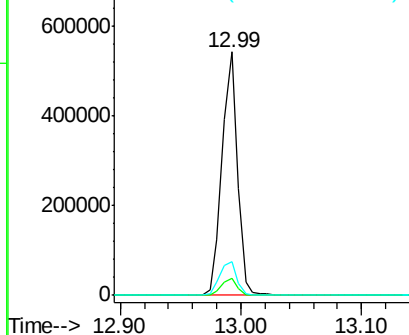
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.7	11.0	16.4

Manual Integrations
APPROVED

Sohil
3/7/2018 12:14:47 PM



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: 7.096 ng

RT: 14.05 min Scan# 2034

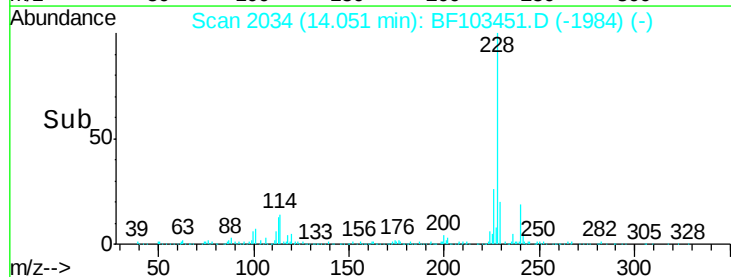
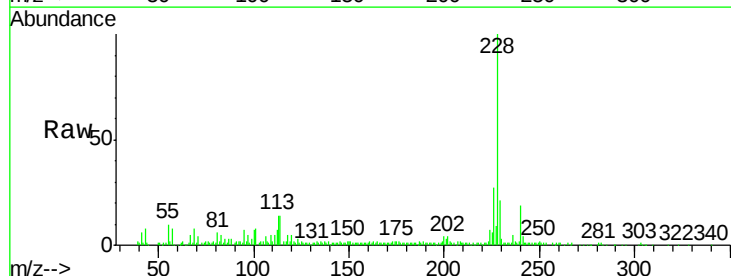
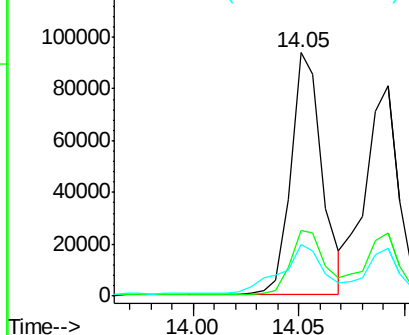
Delta R.T. -0.01 min

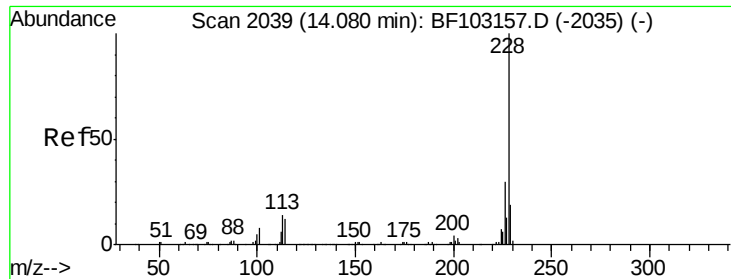
Lab File: BF103451.D

Acq: 6 Mar 2018 13:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	21.4	15.8	23.6

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





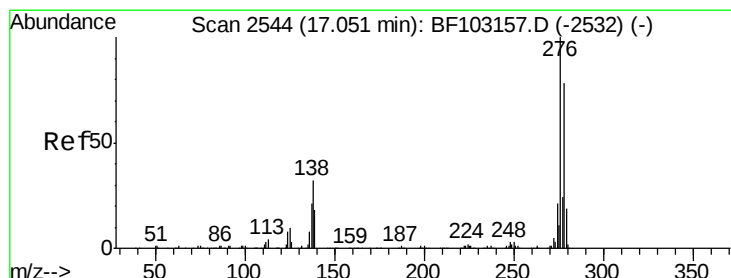
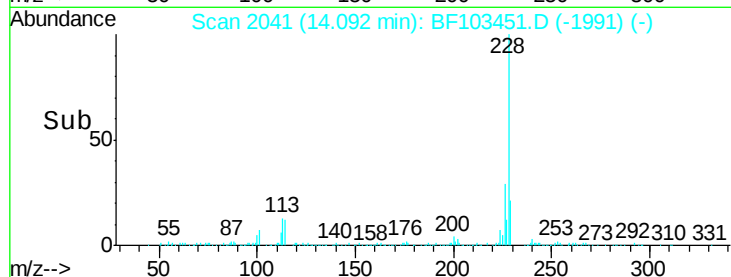
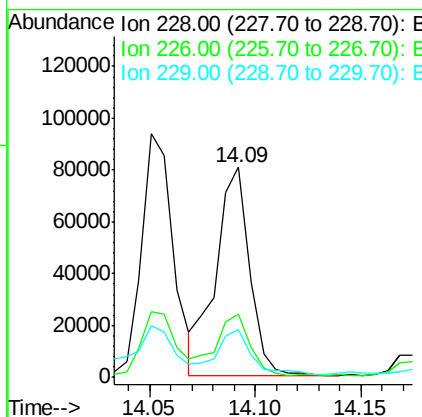
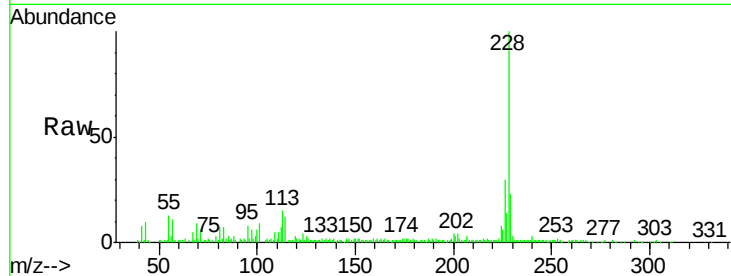
#82
Chrysene
Concen: 6.798 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Instrument :
BNA_F
ClientSampleId :
SP-23

Tot Ion:	228	Resp:	89942
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	22.5	16.2	24.4

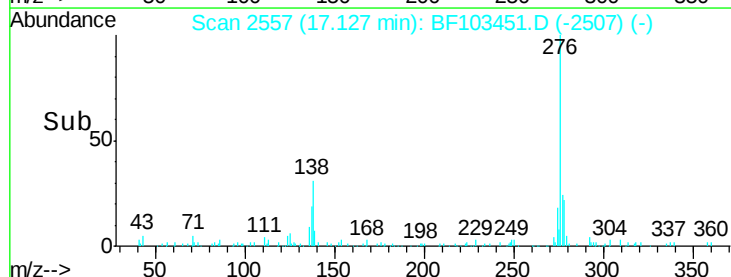
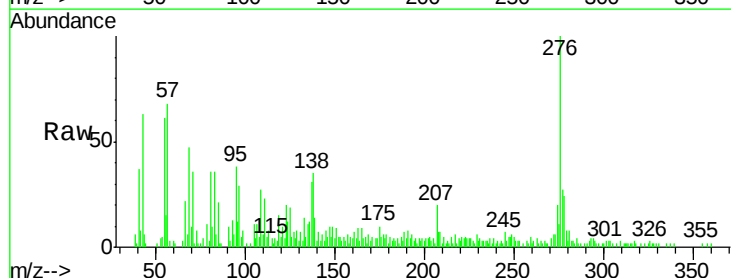
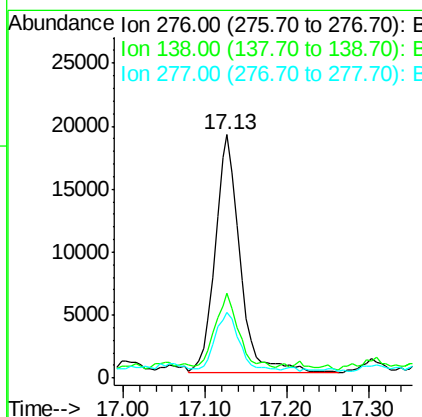
Manual Integrations
APPROVED

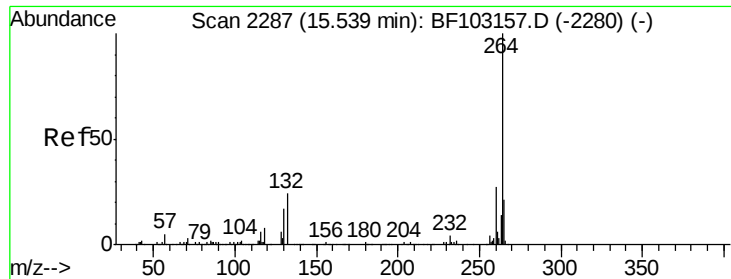
Sohil
3/7/2018 12:14:47 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.802 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Tgt Ion:	276	Resp:	39831
Ion Ratio	Lower	Upper	
276	100		
138	30.0	25.0	37.6
277	22.4	20.1	30.1





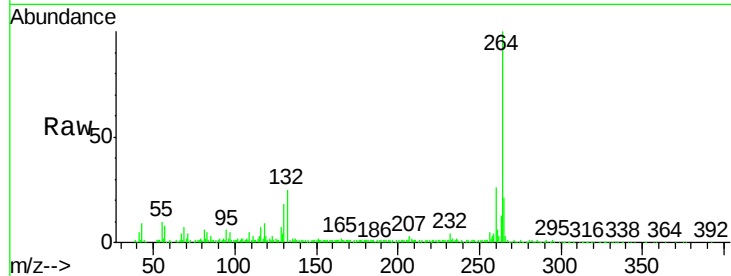
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Instrument :
BNA_F
ClientSampleId :
SP-23

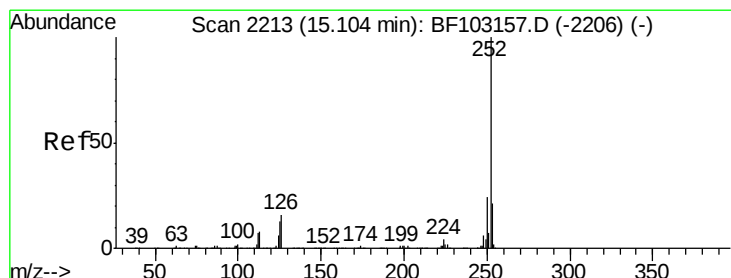
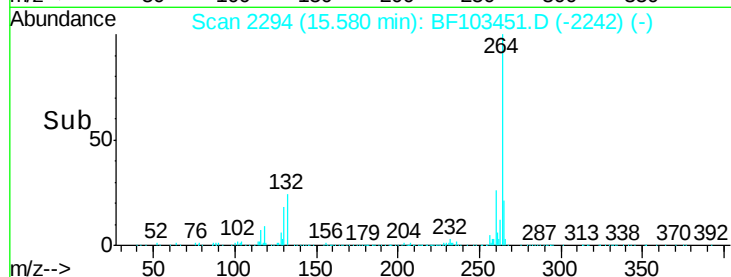
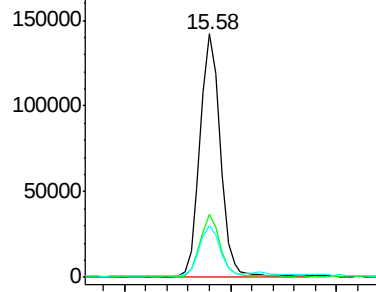
Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	26.1	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
3/7/2018 12:14:47 PM

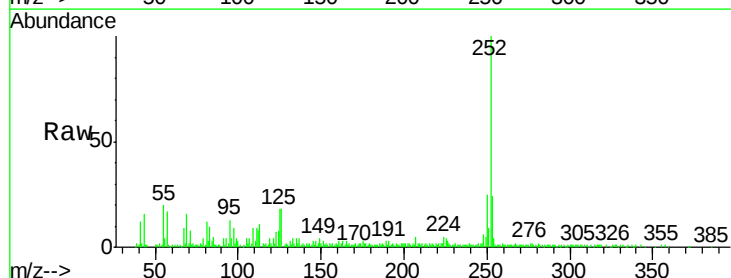


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

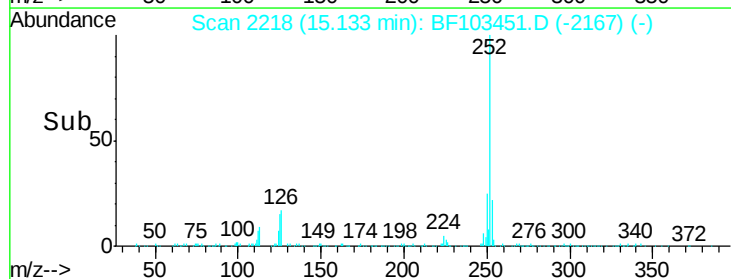
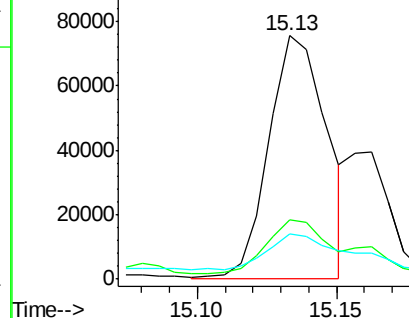


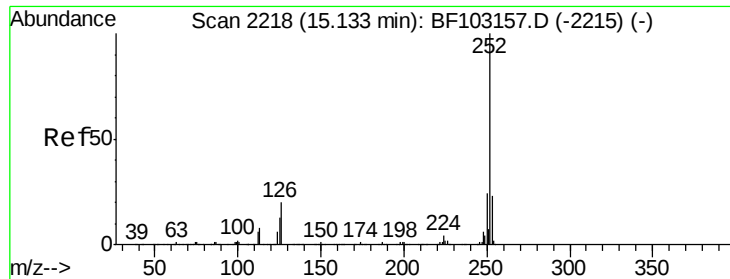
#87
Benzo(b)fluoranthene
Concen: 8.895 ng m
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.3	17.0	25.6
125	18.4	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





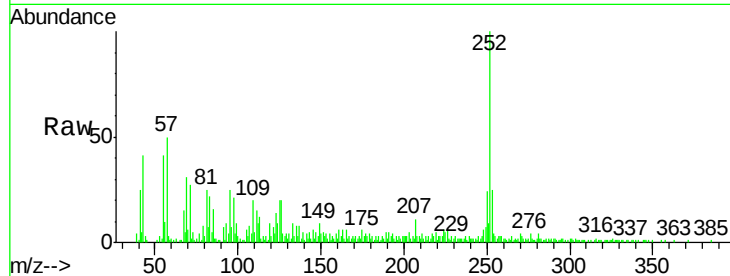
#88
Benzo(k)fluoranthene
Concen: 3.680 ng m
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Instrument :
BNA_F
ClientSampled :
SP-23

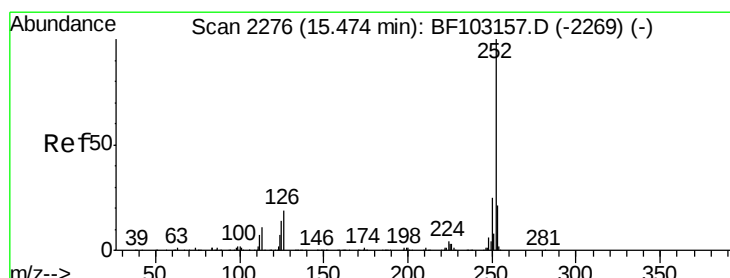
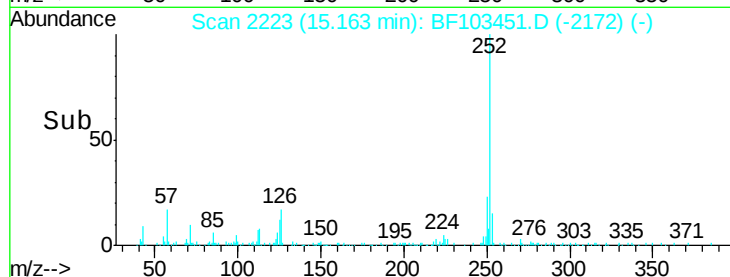
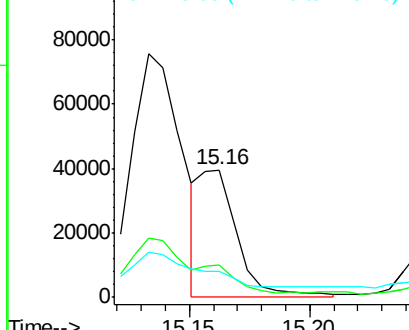
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	20.1	10.2	15.2

Manual Integrations
APPROVED

Sohil
3/7/2018 12:14:47 PM



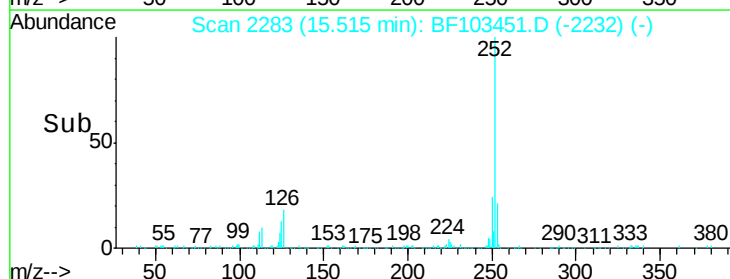
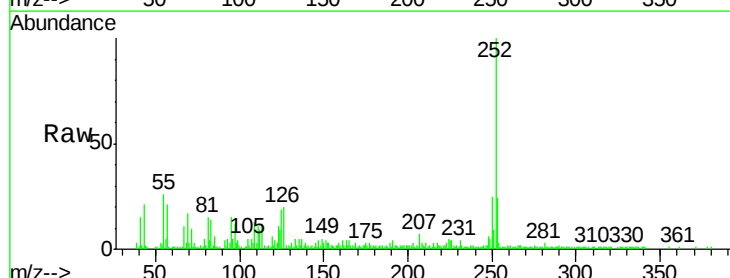
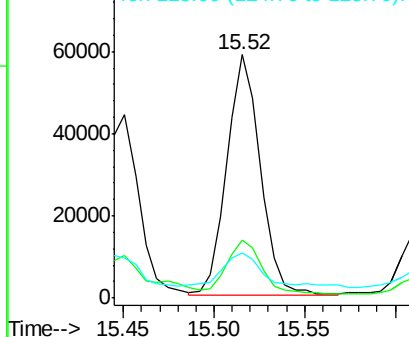
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

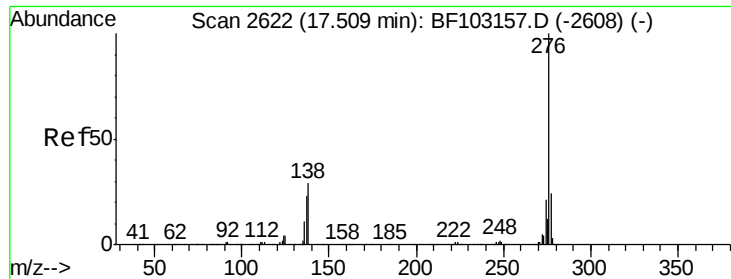


#89
Benzo(a)pyrene
Concen: 6.820 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF103451.D
Acq: 6 Mar 2018 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	18.5	9.8	14.6

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





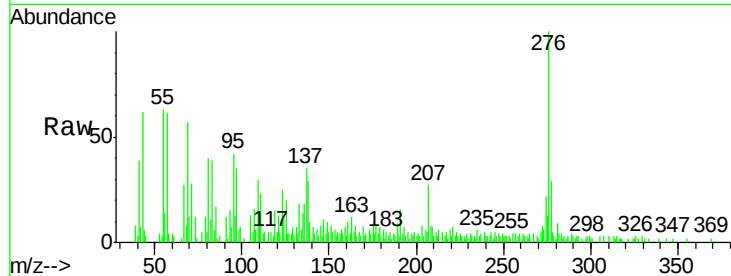
#91
 Benzo(a,h,i)perylene
 Concen: 4.359 ng
 RT: 17.60 min Scan# 2637
 Delta R.T. 0.00 min
 Lab File: BF103451.D
 Acq: 6 Mar 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SP-23

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.8	17.9	26.9#
138	28.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:14:47 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

