

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103401.D
 Acq On : 5 Mar 2018 11:31
 Operator : SJ/JU
 Sample : J1724-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-10

Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:22:35 PM

Quant Time: Mar 05 13:47:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	152624	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	635400	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	279105	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	460506	20.00	ng	0.00
75) Chrysene-d12	14.06	240	278743	20.00	ng	0.00
86) Perylene-d12	15.58	264	281359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1082800	107.30	ng	0.00
7) Phenol-d6	6.52	99	1257348	101.82	ng	0.00
23) Nitrobenzene-d5	7.44	82	790375	71.04	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	207815	87.97	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1078469	62.39	ng	0.00
78) Terphenyl-d14	12.99	244	834098	71.93	ng	0.00
Target Compounds						
10) Phenol	6.53	94	107288	7.484	ng	87
49) Dimethylphthalate	9.62	163	102220	4.565	ng	99
70) Phenanthrene	11.43	178	227152	8.963	ng	99
71) Anthracene	11.49	178	65952	2.538	ng	99
74) Fluoranthene	12.63	202	436497	17.140	ng	99
77) Pyrene	12.86	202	409978	18.865	ng	99
80) Benzo(a)anthracene	14.05	228	188517	10.423	ng	98
82) Chrysene	14.09	228	173384	9.873	ng	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	102362	7.363	ng	97
87) Benzo(b)fluoranthene	15.13	252	243575m	13.167	ng	
88) Benzo(k)fluoranthene	15.16	252	77595m	4.454	ng	
89) Benzo(a)pyrene	15.52	252	170518	10.322	ng	# 94
90) Dibenzo(a,h)anthracene	17.12	278	28919	2.265	ng	# 81
91) Benzo(g,h,i)perylene	17.59	276	105465	8.454	ng	95

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

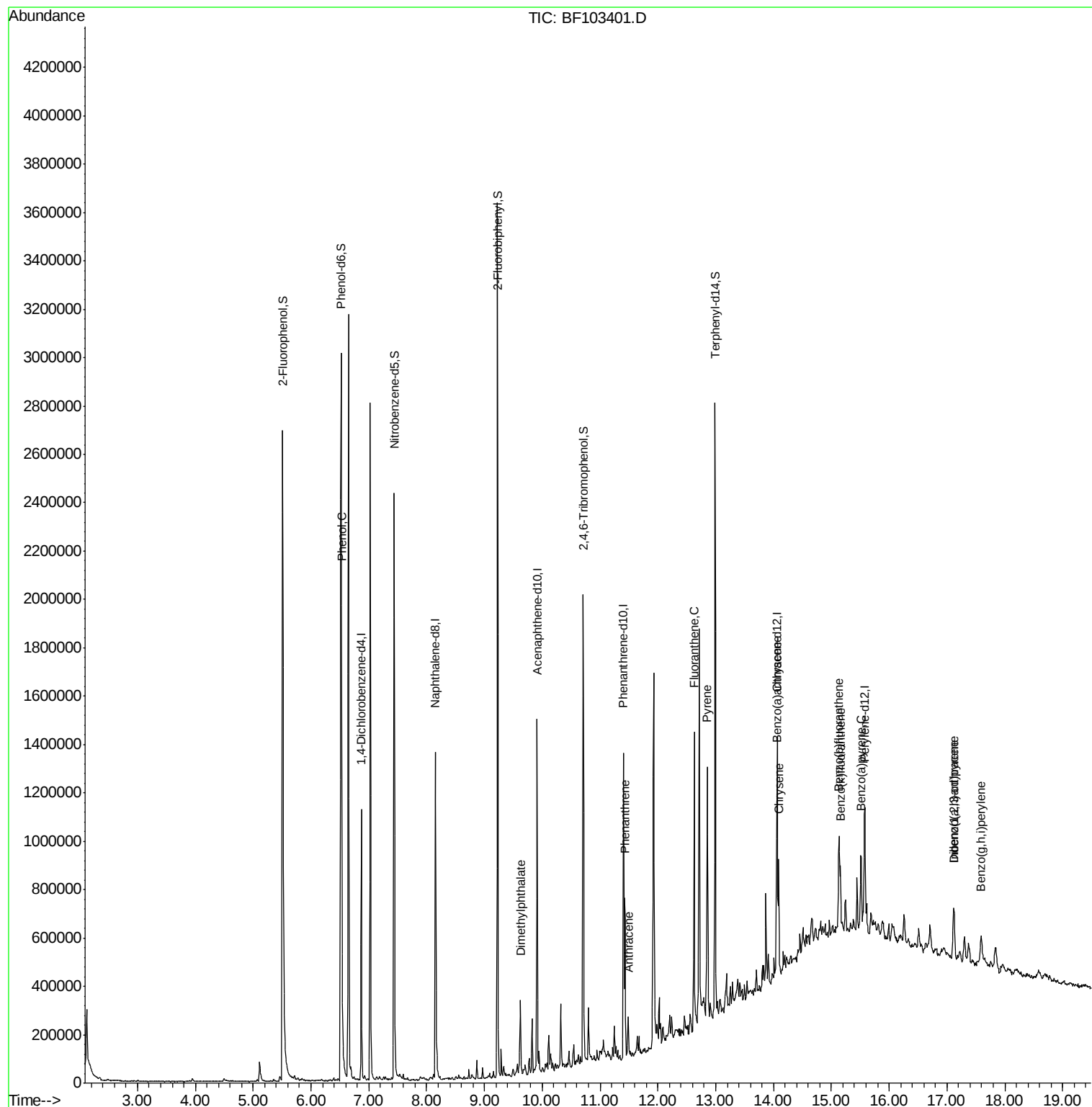
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103401.D
Acq On : 5 Mar 2018 11:31
Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

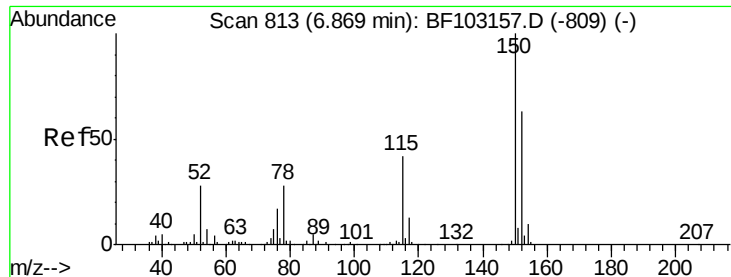
Instrument :
BNA_F
ClientSampleId :
SP-10

Manual Integrations
APPROVED

Sohil
3/6/2018 4:22:35 PM

Quant Time: Mar 05 13:47:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration





#1

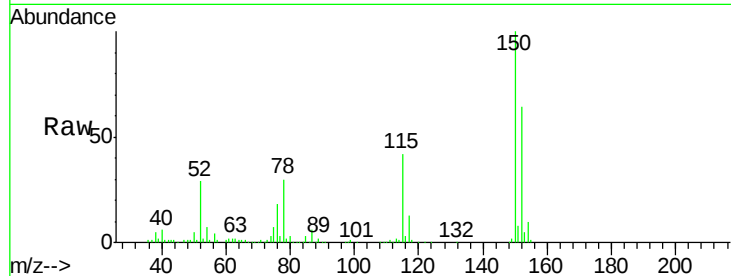
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Instrument :
BNA_F
ClientSampled :
SP-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	66.1	50.1	75.1

Manual Integrations
APPROVED

Sohil
3/6/2018 4:22:35 PM

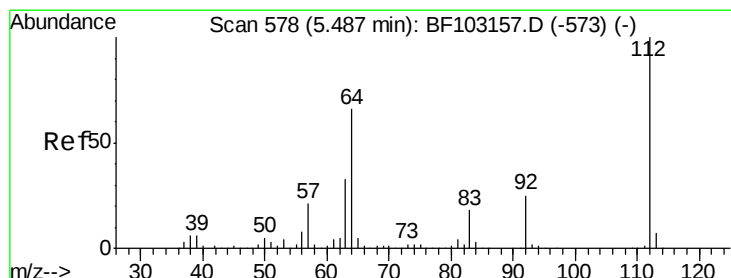
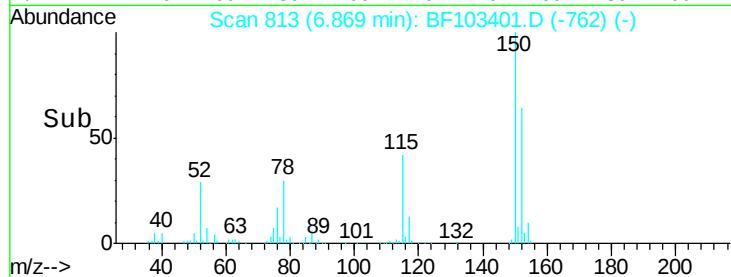
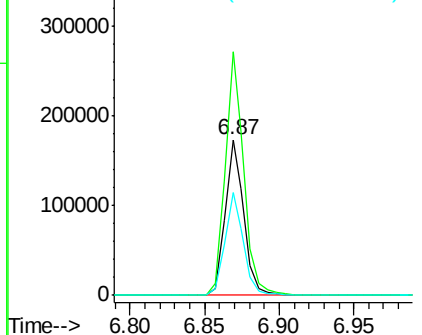


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

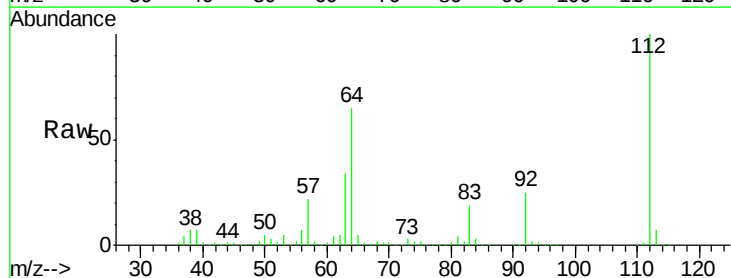
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.300 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	33.9	23.7	35.5

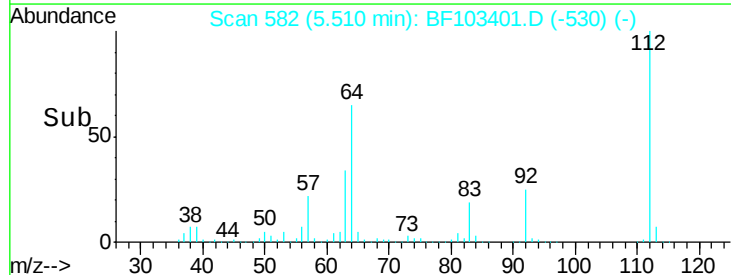
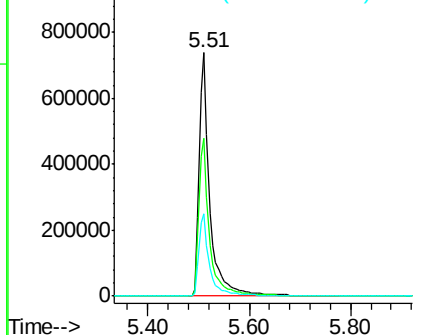


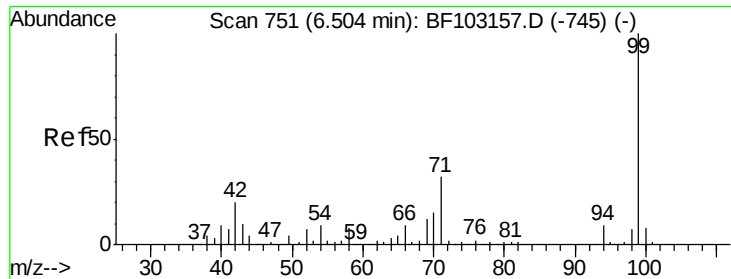
Abundance

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: 101.824 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103401.D

Acq: 5 Mar 2018 11:31

Instrument :

BNA_F

ClientSampled :

SP-10

Tot Ion: 99 Resp: 1257348

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

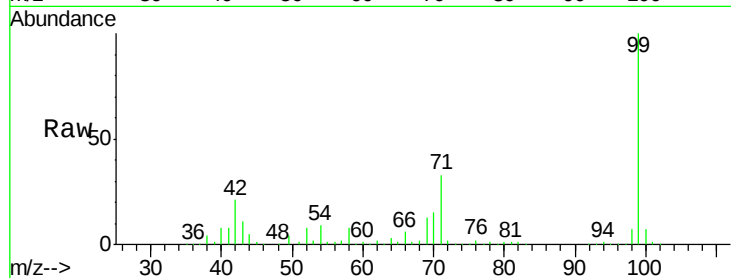
71 33.4 25.4 38.0

Manual Integrations

APPROVED

Sohil

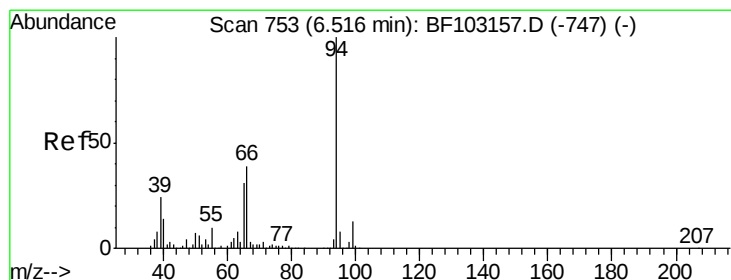
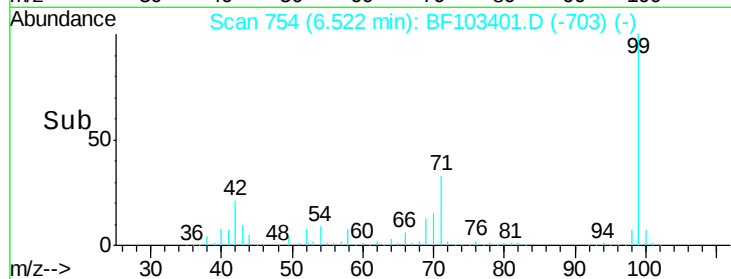
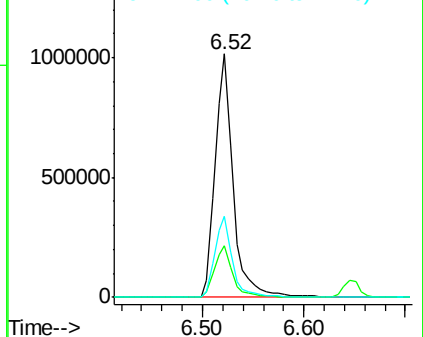
3/6/2018 4:22:35 PM



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: 7.484 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF103401.D

Acq: 5 Mar 2018 11:31

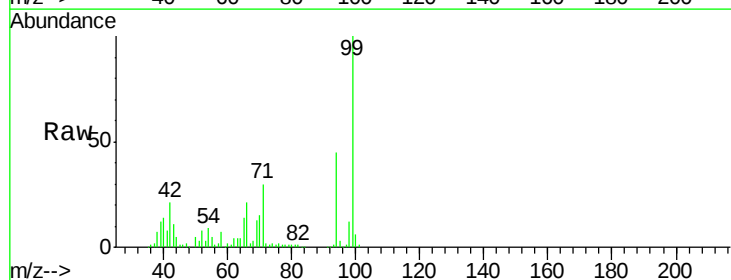
Tgt Ion: 94 Resp: 107288

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

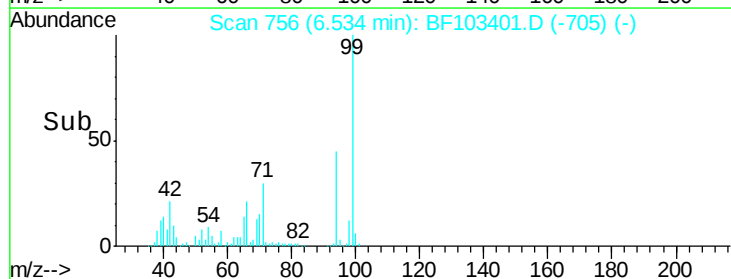
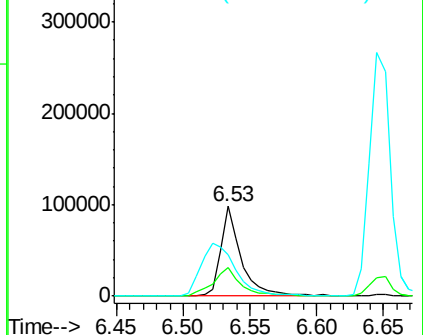
66 46.5 16.2 56.2

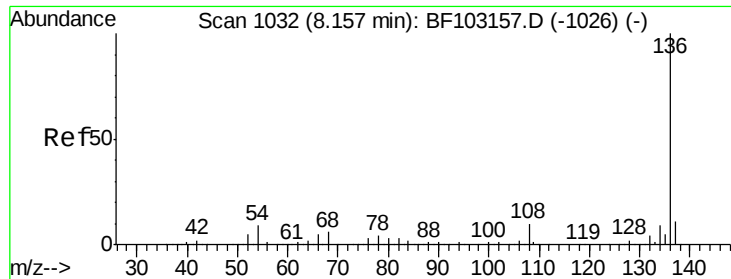


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: BF103401.D

Acq: 5 Mar 2018 11:31

Instrument :

BNA_F

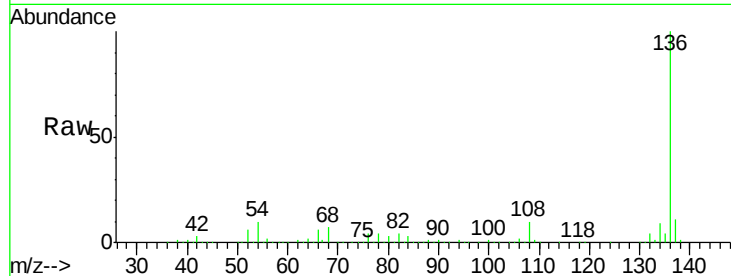
ClientSampled :

SP-10

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.0	6.6	9.8
68	6.8	5.0	7.4

Manual Integrations
APPROVED

Sohil
3/6/2018 4:22:35 PM

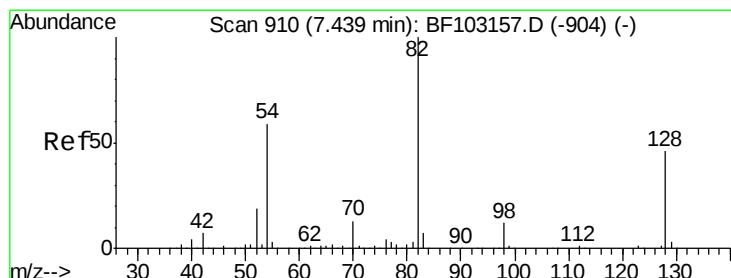
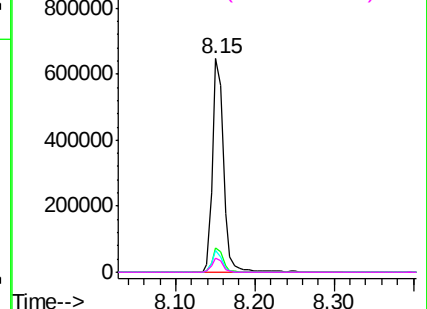
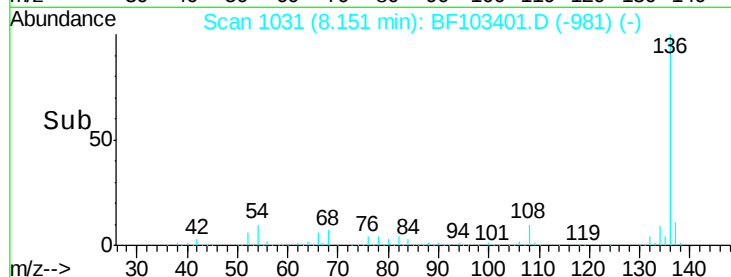


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.037 ng

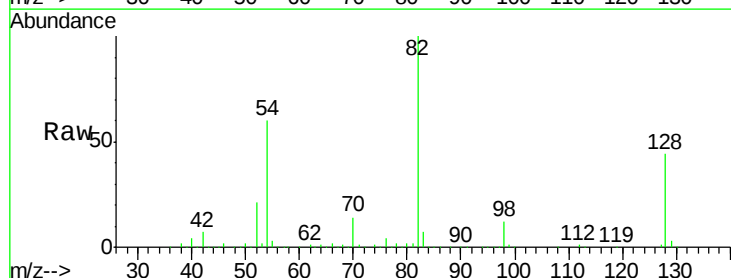
RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF103401.D

Acq: 5 Mar 2018 11:31

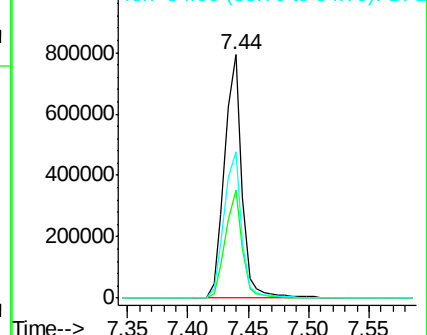
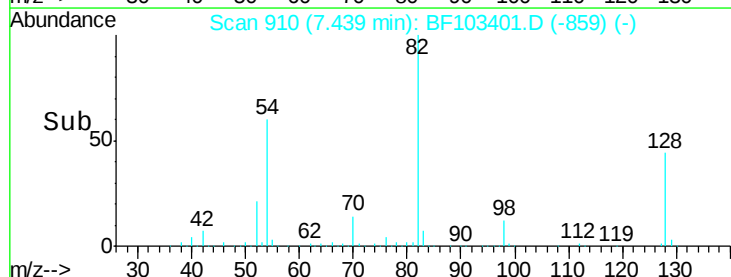
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.1	36.1	54.1
54	60.2	41.4	62.2

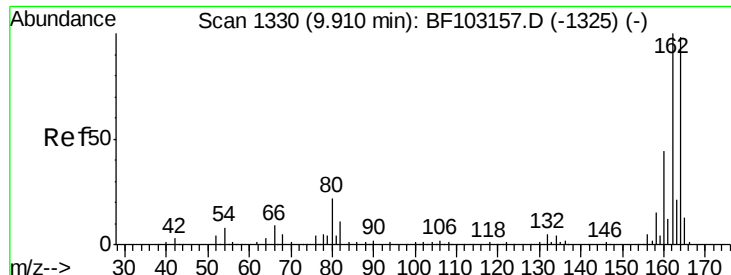


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





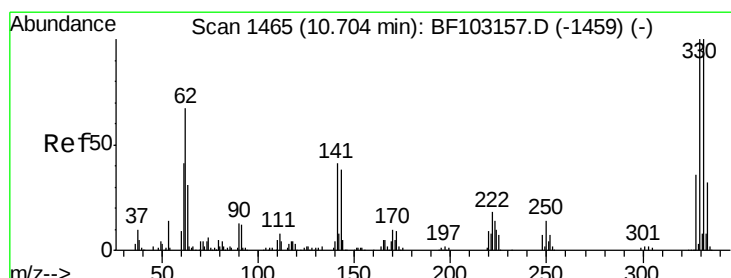
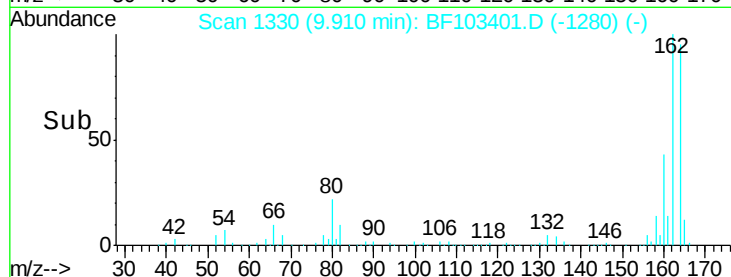
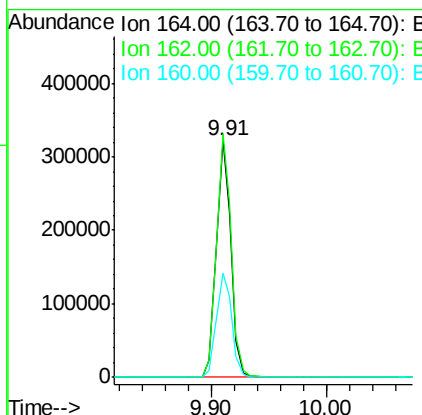
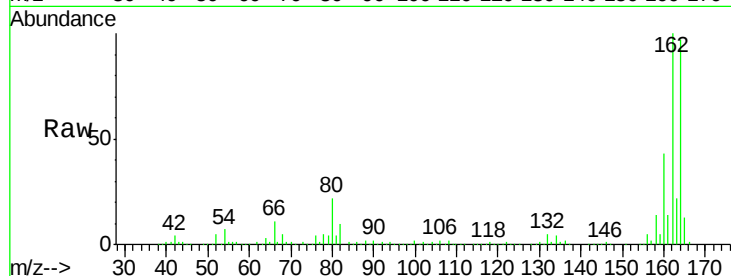
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Instrument :
BNA_F
ClientSampled :
SP-10

Tot Ion	Ratio	Resp	Lower	Upper
164	100	279105		
162	102.8	86.1	129.1	
160	44.1	38.3	57.5	

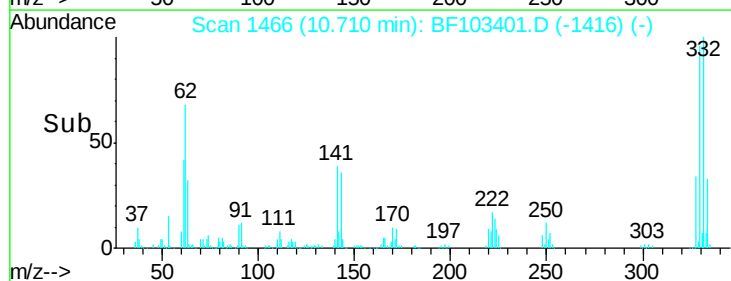
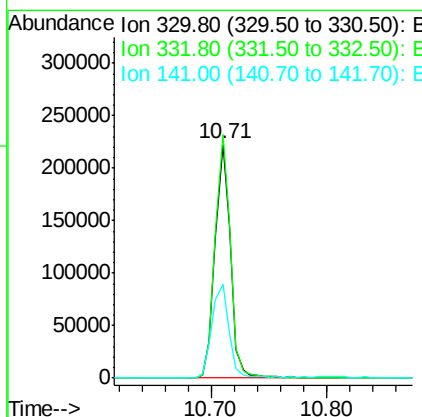
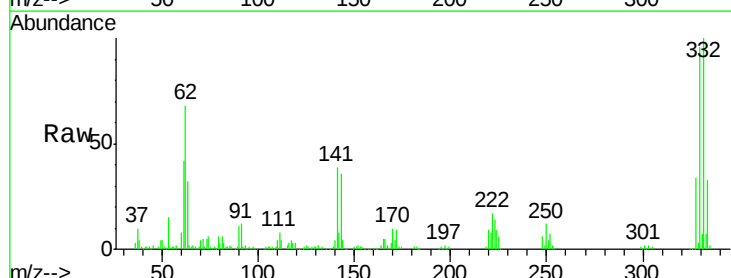
Manual Integrations
APPROVED

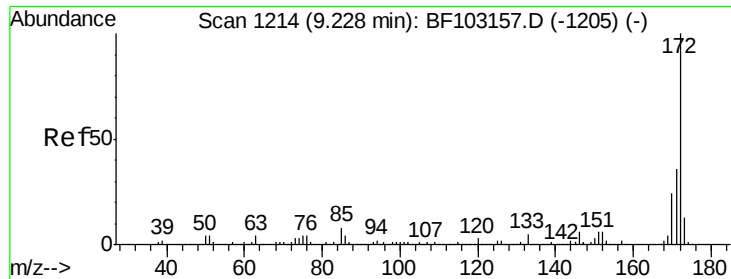
Sohil
3/6/2018 4:22:35 PM



#41
2,4,6-Tribromophenol
Concen: 87.965 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	207815		
332	103.2	77.0	115.6	
141	43.6	29.9	44.9	





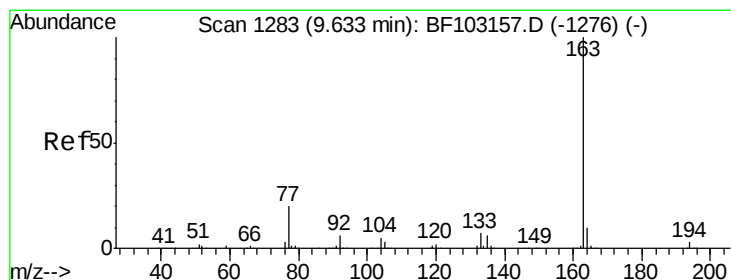
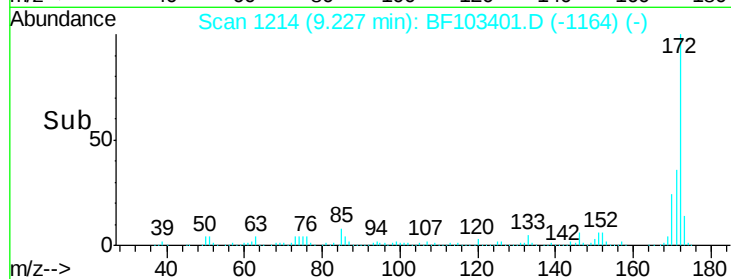
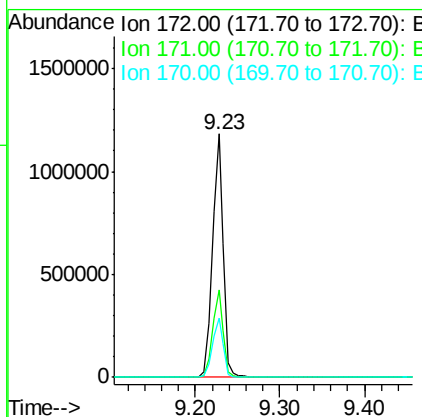
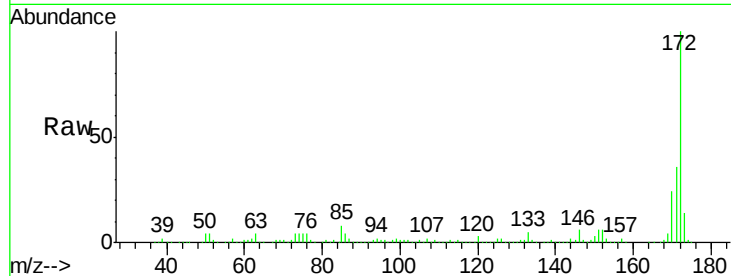
#44
2-Fluorobiphenyl
Concen: 62.395 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Instrument :
BNA_F
ClientSampleId :
SP-10

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.8	29.7	44.5	
170	24.4	19.6	29.4	

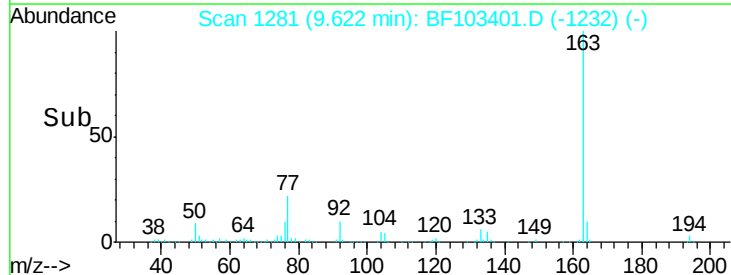
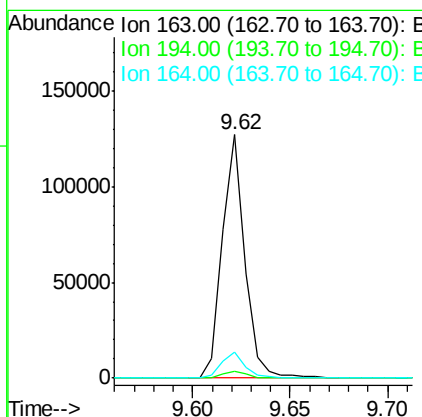
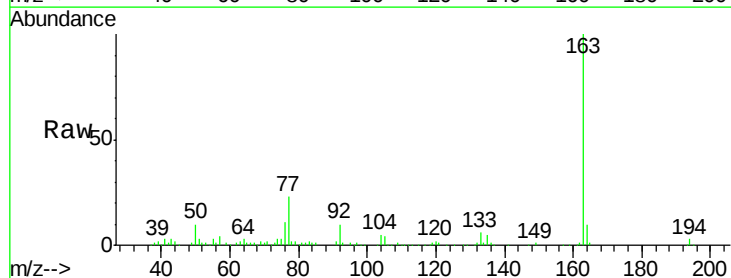
Manual Integrations
APPROVED

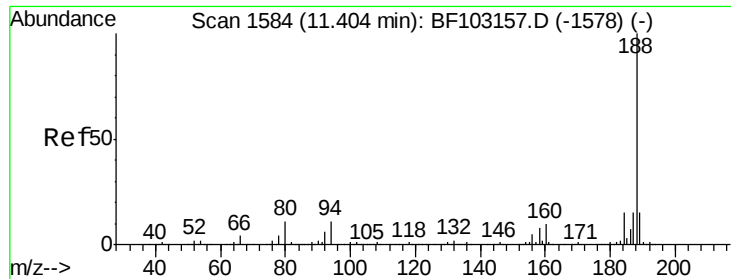
Sohil
3/6/2018 4:22:35 PM



#49
Dimethylphthalate
Concen: 4.565 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.0	2.7	4.1	
164	10.5	8.2	12.2	





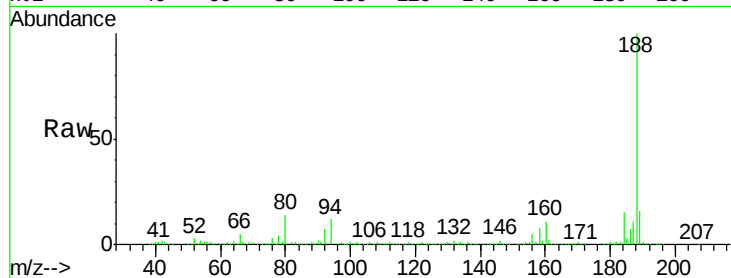
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Instrument :
BNA_F
ClientSampled :
SP-10

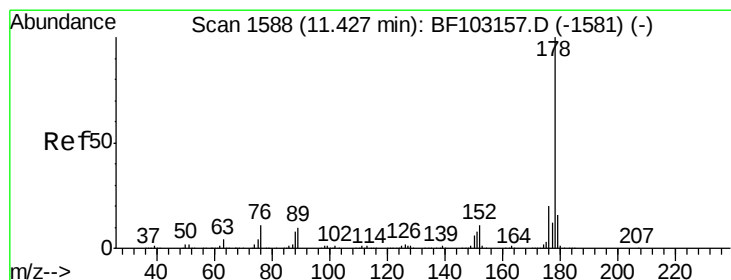
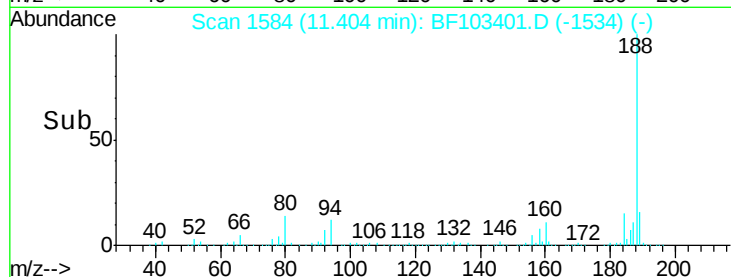
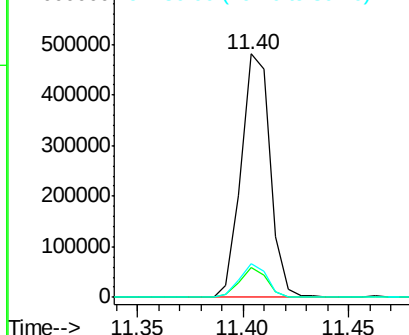
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.2	8.5	12.7
80	13.9	9.2	13.8

Manual Integrations
APPROVED

Sohil
3/6/2018 4:22:35 PM



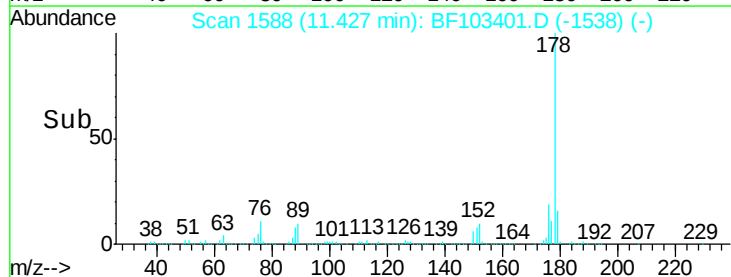
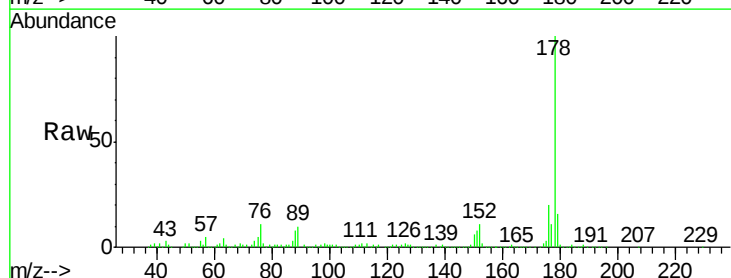
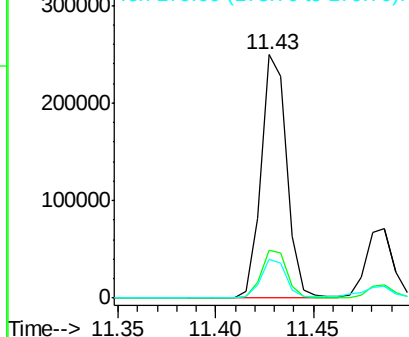
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

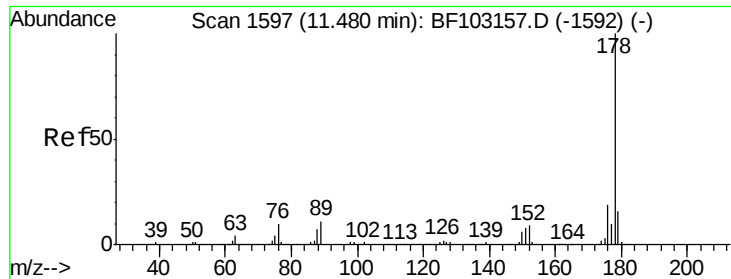


#70
Phenanthrene
Concen: 8.963 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

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

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





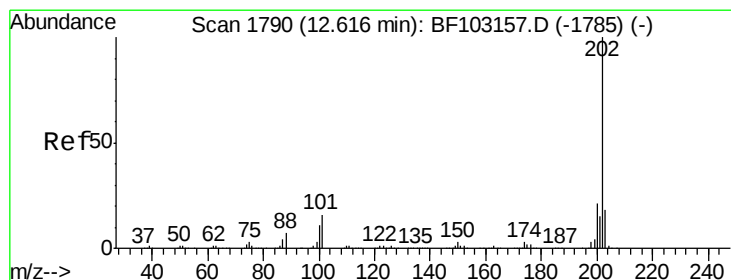
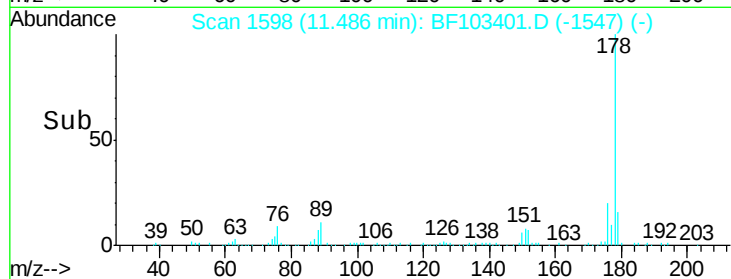
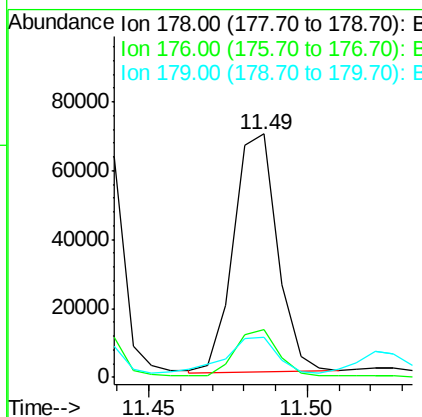
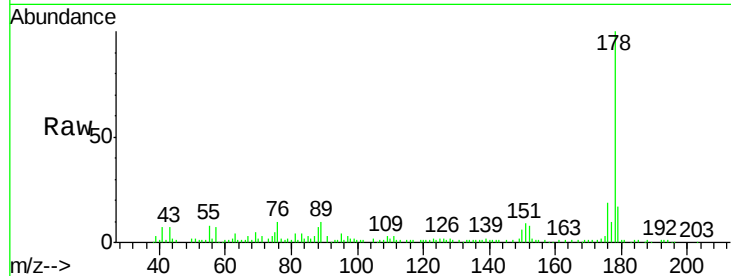
#71
 Anthracene
 Concen: 2.538 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103401.D
 Acq: 5 Mar 2018 11:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-10

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.6	12.6	19.0

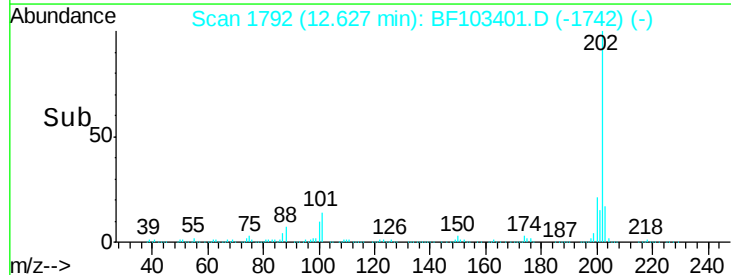
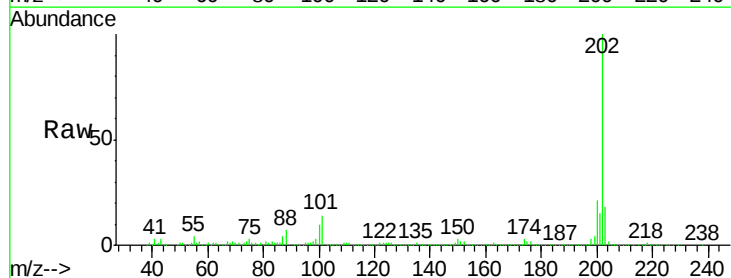
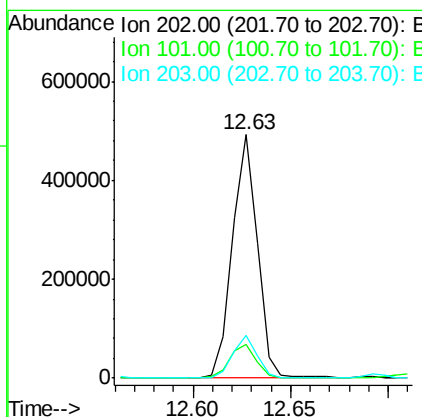
Manual Integrations
 APPROVED

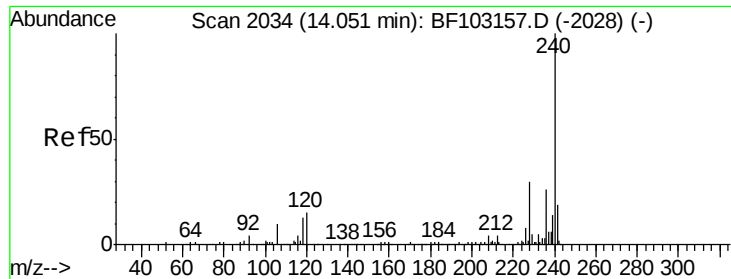
Sohil
 3/6/2018 4:22:35 PM



#74
 Fluoranthene
 Concen: 17.140 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF103401.D
 Acq: 5 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	17.5	0.0	38.1





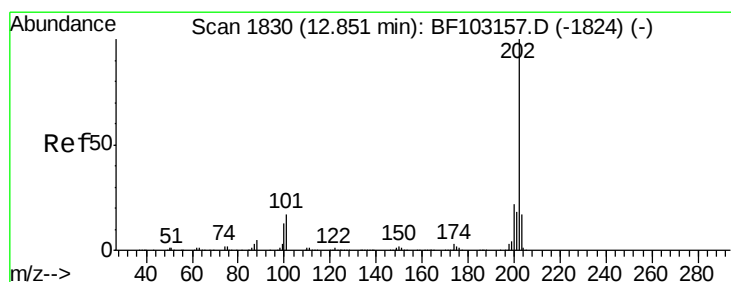
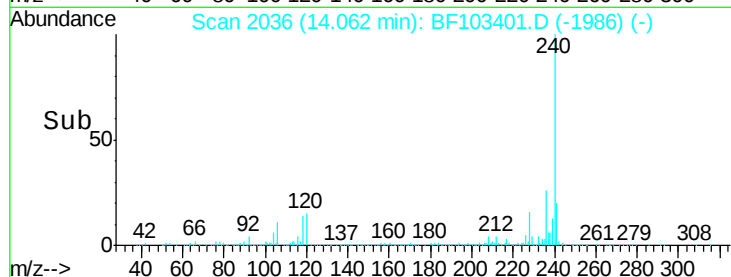
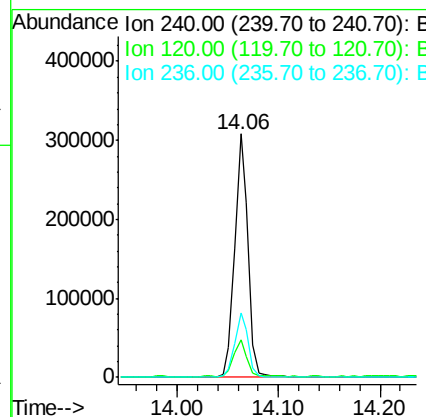
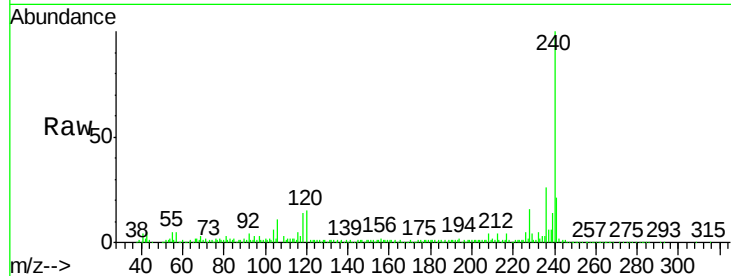
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Instrument :
BNA_F
ClientSampled :
SP-10

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	9.5	14.3
236	26.5	20.7	31.1

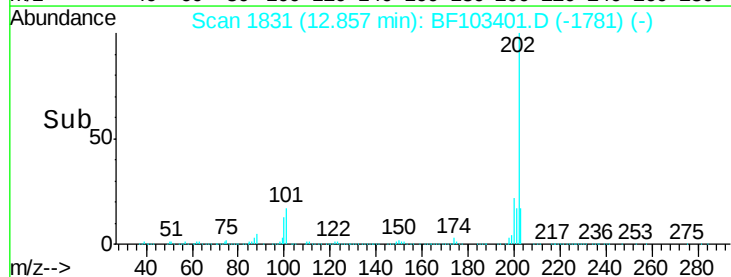
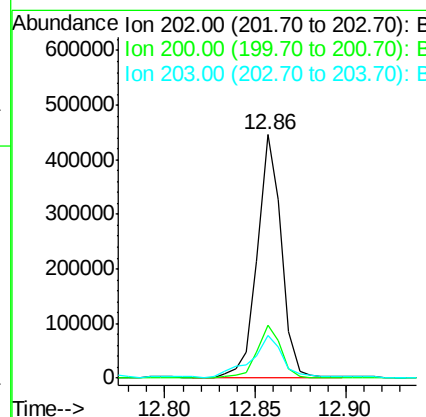
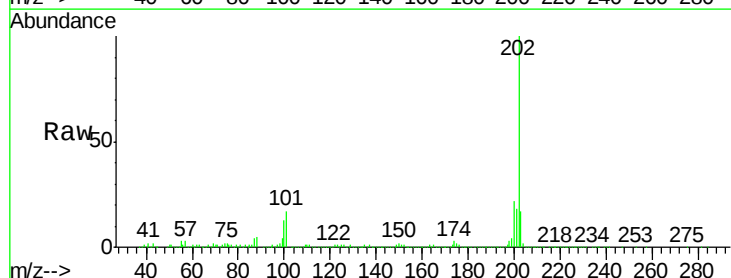
Manual Integrations
APPROVED

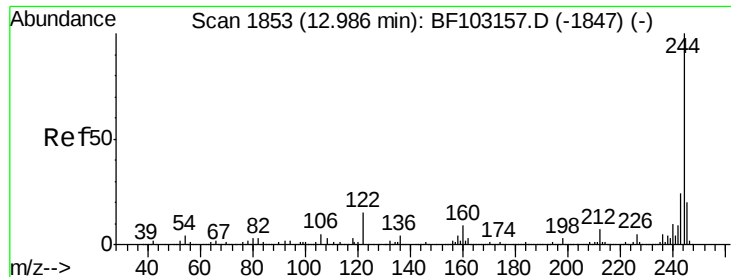
Sohil
3/6/2018 4:22:35 PM



#77
Pyrene
Concen: 18.865 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.5	14.3	21.5





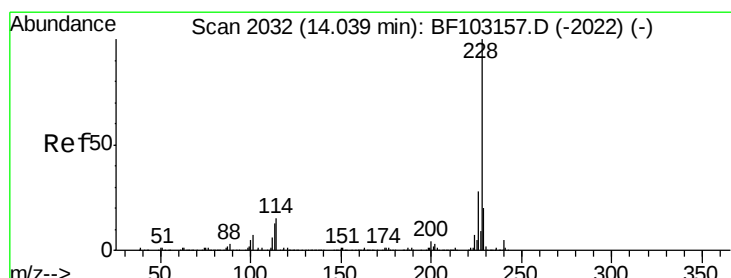
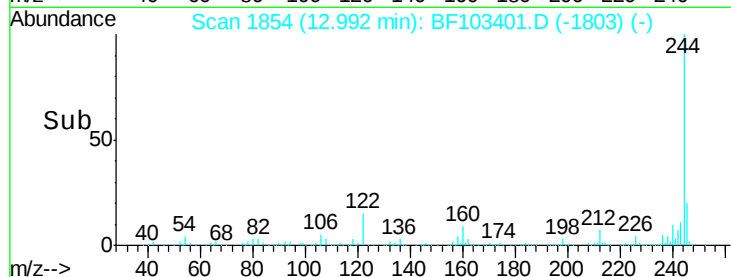
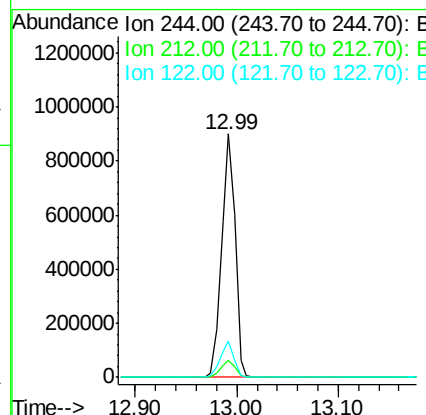
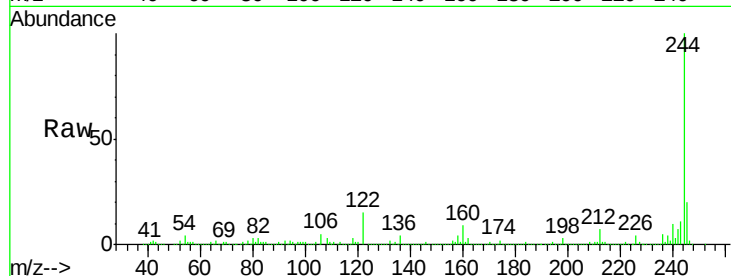
#78
 Terphenyl-d14
 Concen: 71.932 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF103401.D
 Acq: 5 Mar 2018 11:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-10

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.7	11.0	16.4

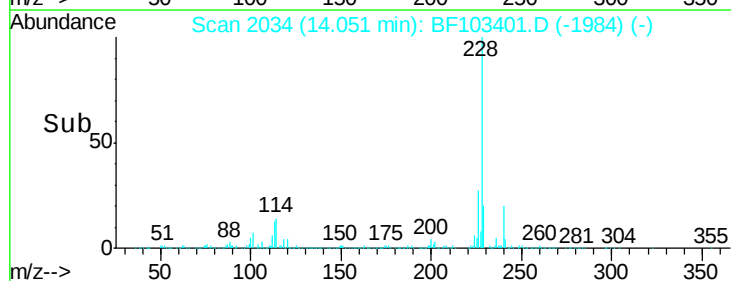
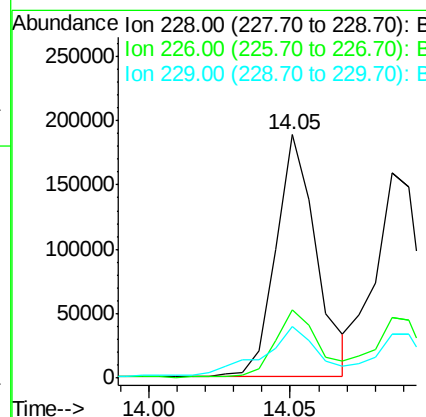
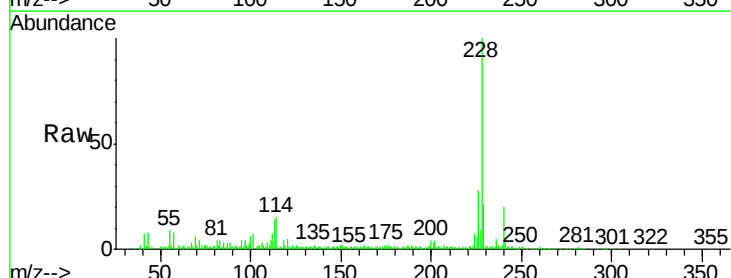
Manual Integrations
 APPROVED

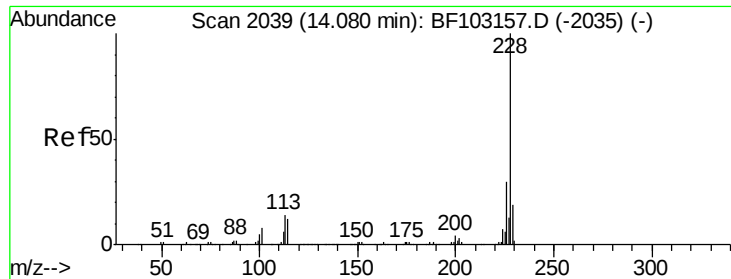
Sohil
 3/6/2018 4:22:35 PM



#80
 Benzo(a)anthracene
 Concen: 10.423 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF103401.D
 Acq: 5 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.3	15.8	23.6





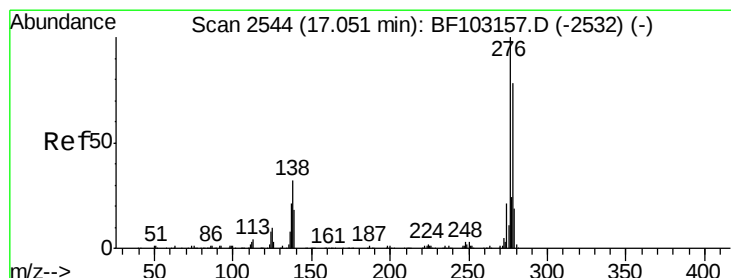
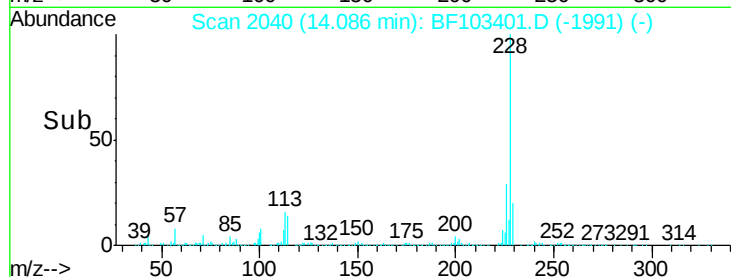
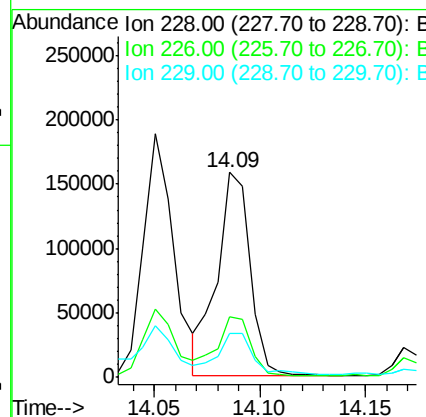
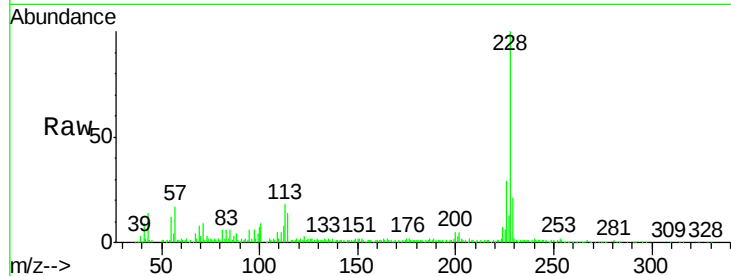
#82
Chrysene
Concen: 9.873 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Instrument :
BNA_F
ClientSampled :
SP-10

Tot Ion:	228	Resp:	173384
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.0	37.6
229	21.4	16.2	24.4

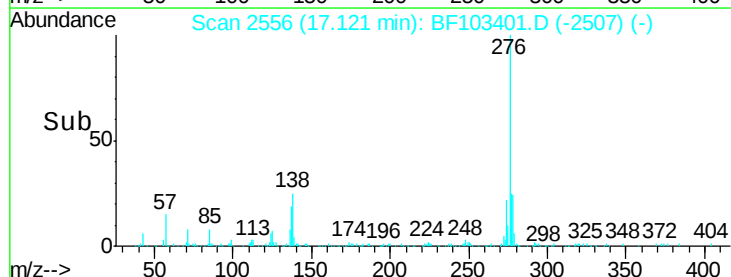
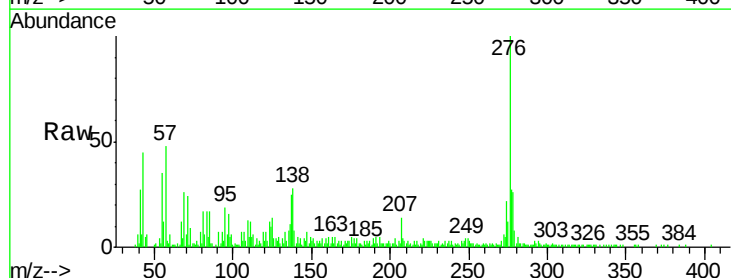
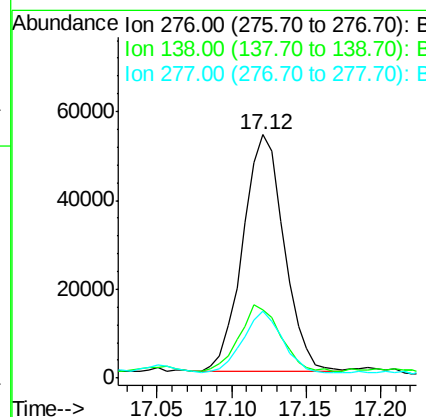
Manual Integrations
APPROVED

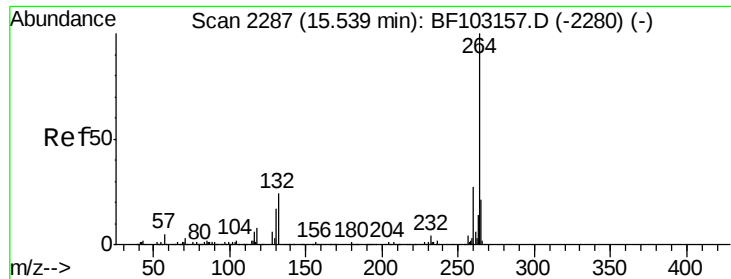
Sohil
3/6/2018 4:22:35 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 7.363 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Tgt Ion:	276	Resp:	102362
Ion Ratio	Lower	Upper	
276	100		
138	28.4	25.0	37.6
277	25.7	20.1	30.1





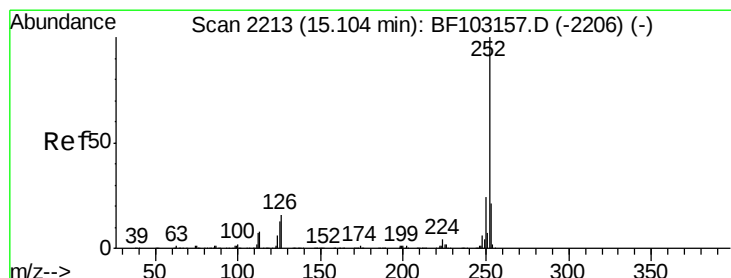
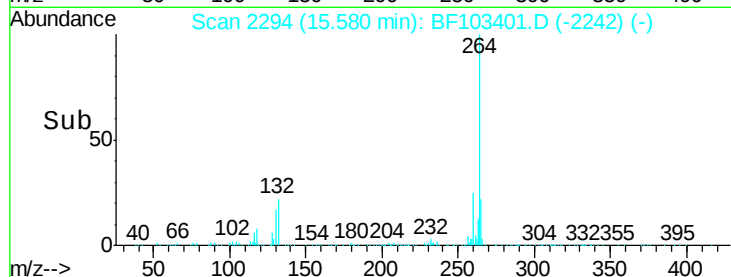
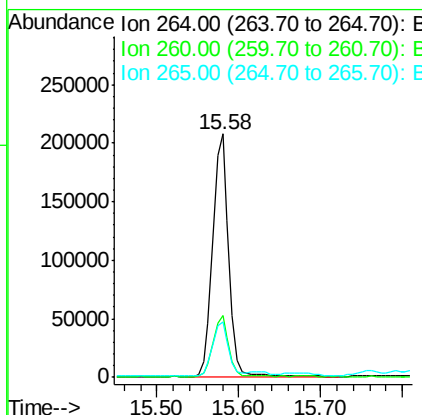
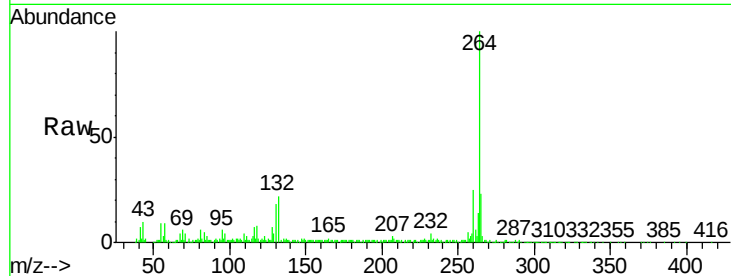
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Instrument :
BNA_F
ClientSampled :
SP-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.7	17.5	26.3

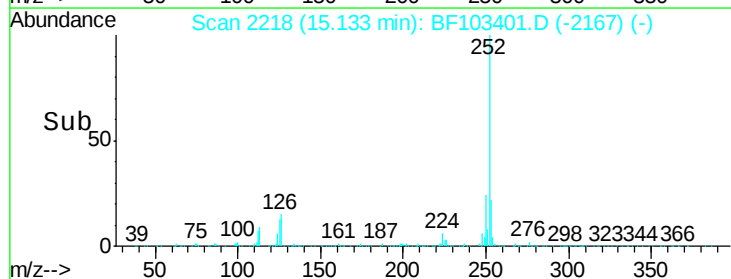
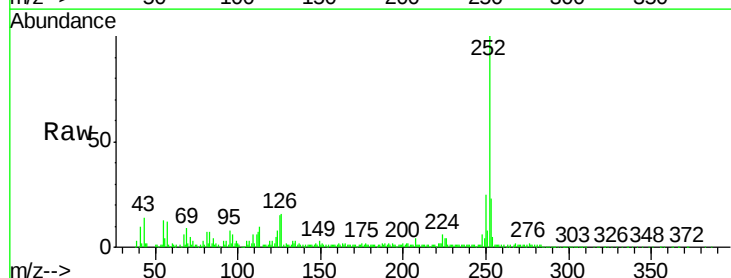
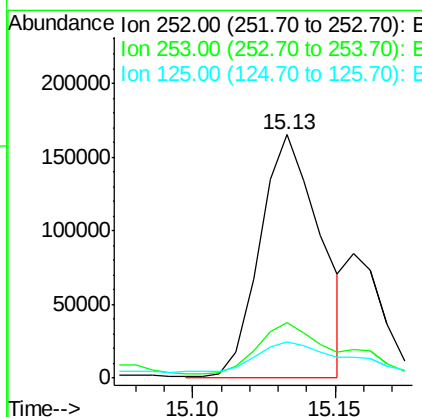
Manual Integrations
APPROVED

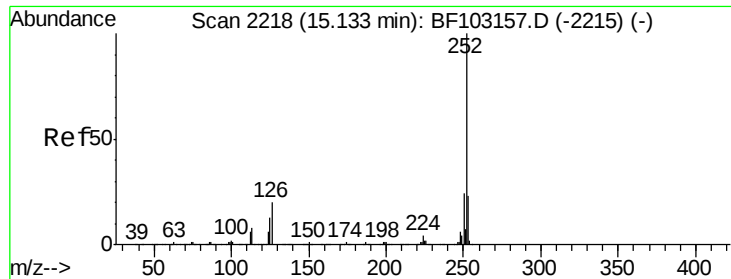
Sohil
3/6/2018 4:22:35 PM



#87
Benzo(b)fluoranthene
Concen: 13.167 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	15.1	9.0	13.6





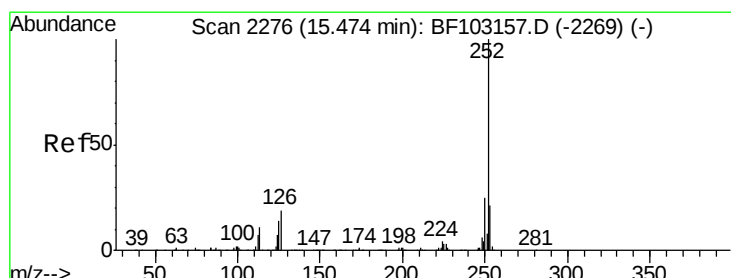
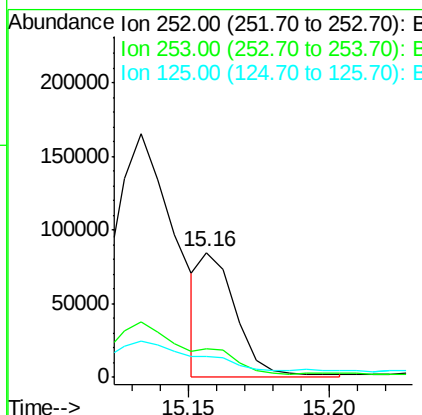
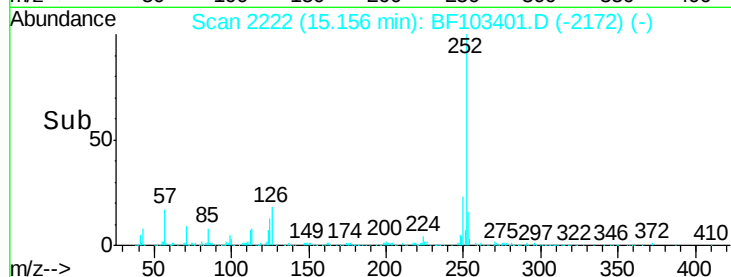
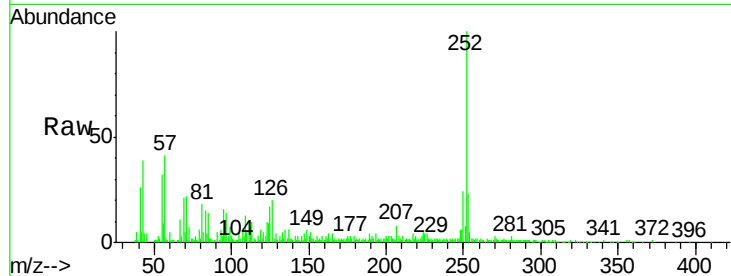
#88
Benzo(k)fluoranthene
Concen: 4.454 ng m
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Instrument :
BNA_F
ClientSampled :
SP-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	17.2	10.2	15.2

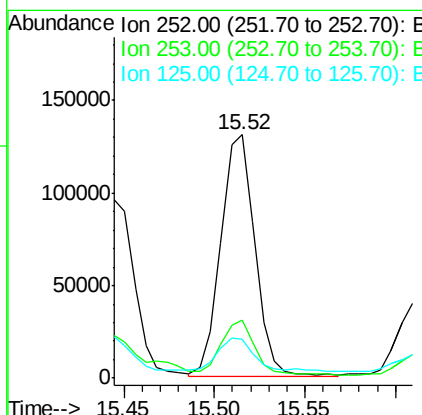
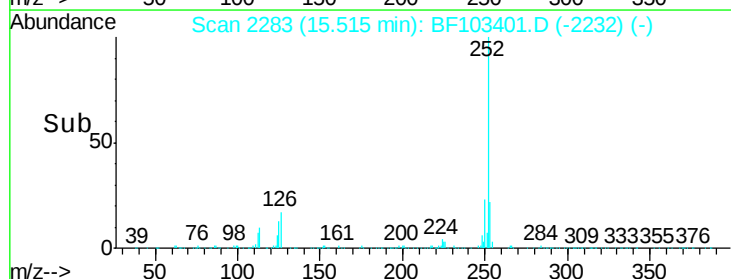
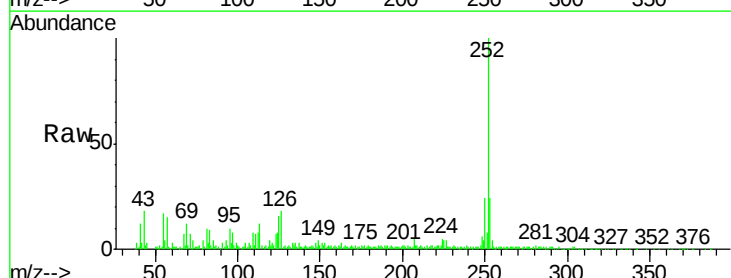
Manual Integrations
APPROVED

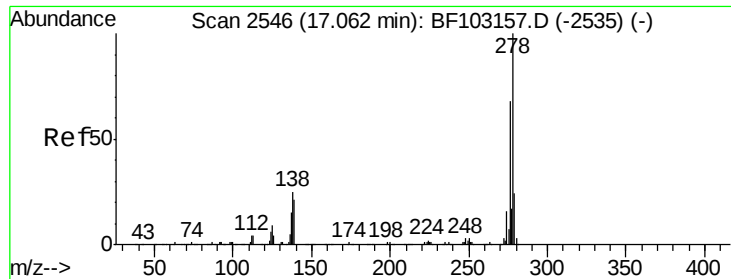
Sohil
3/6/2018 4:22:35 PM



#89
Benzo(a)pyrene
Concen: 10.322 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	15.8	9.8	14.6





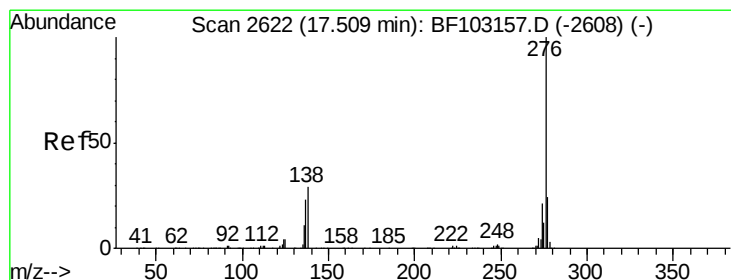
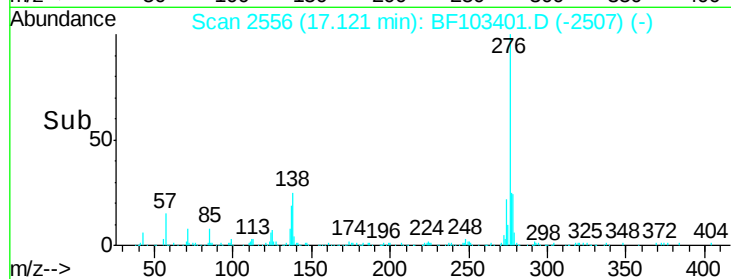
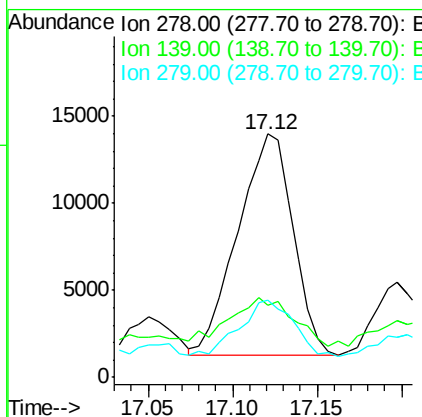
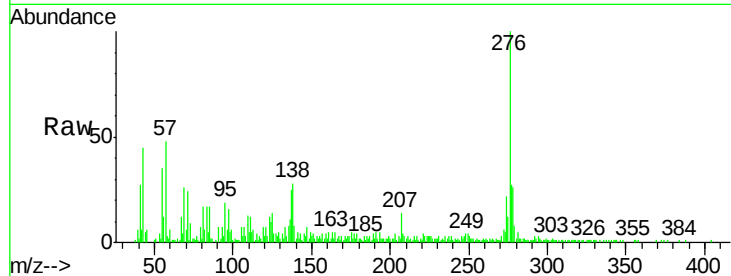
#90
Dibenzo(a,h)anthracene
Concen: 2.265 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Instrument :
BNA_F
ClientSampleId :
SP-10

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.9	15.9	23.9#
279	31.6	19.0	28.4#

Manual Integrations
APPROVED

Sohil
3/6/2018 4:22:35 PM



#91
Benzo(g,h,i)perylene
Concen: 8.454 ng
RT: 17.59 min Scan# 2636
Delta R.T. -0.00 min
Lab File: BF103401.D
Acq: 5 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	30.3	21.8	32.8

