

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104170.D
 Acq On : 3 Apr 2018 9:13
 Operator : JU/SJ
 Sample : J2176-02 10X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2_SB53_W_8

Manual Integrations
 APPROVED

Sohil
 4/3/2018 2:28:41 PM

Quant Time: Apr 03 12:34:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	77843	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	221164	20.00	ng	0.01
38) Acenaphthene-d10	10.00	164	124646	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	174547	20.00	ng	0.01
75) Chrysene-d12	14.17	240	139689	20.00	ng	0.02
86) Perylene-d12	15.72	264	130656	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	50612m	10.37	ng	0.02
7) Phenol-d6	6.60	99	65891m	10.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	33181	9.18	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	10757	7.75	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	75607	9.57	ng	0.00
78) Terphenyl-d14	13.09	244	71645	11.84	ng	0.00

Target Compounds				Qvalue		
10) Phenol	6.62	94	91441m	13.742	ng	
17) 2-Methylphenol	7.21	107	69343	15.912	ng	97
20) 3+4-Methylphenols	7.37	107	151016	27.152	ng	87
27) 2,4-Dimethylphenol	7.90	122	90523	31.601	ng	96
31) Naphthalene	8.29	128	9647347	892.891	ng	97
37) 2-Methylnaphthalene	8.97	142	2001279	281.194	ng	96
45) 1,1'-Biphenyl	9.42	154	660347	61.726	ng	98
48) Acenaphthylene	9.87	152	2552914	199.690	ng	98
51) Acenaphthene	10.03	154	252280	34.112	ng	97
54) Dibenzofuran	10.22	168	1772150	164.089	ng	96
57) Fluorene	10.57	166	1825446	204.906	ng	100
70) Phenanthrene	11.56	178	4589675	485.672	ng	99
71) Anthracene	11.60	178	2827415	286.436	ng	99
72) Carbazole	11.74	167	1173029	124.510	ng	99
74) Fluoranthene	12.75	202	4132435	411.389	ng	99
77) Pyrene	12.98	202	3474463	346.005	ng	98
80) Benzo(a)anthracene	14.16	228	1989250	227.588	ng	# 87
82) Chrysene	14.20	228	1749159	204.317	ng	97
85) Indeno(1,2,3-cd)pyrene	17.32	276	546008	61.547	ng	# 87
87) Benzo(b)fluoranthene	15.26	252	1524441m	191.715	ng	
88) Benzo(k)fluoranthene	15.29	252	641812m	85.684	ng	
89) Benzo(a)pyrene	15.66	252	1163997	157.965	ng	96
90) Dibenzo(a,h)anthracene	17.32	278	133280m	19.563	ng	
91) Benzo(g,h,i)perylene	17.81	276	449018	65.801	ng	93

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

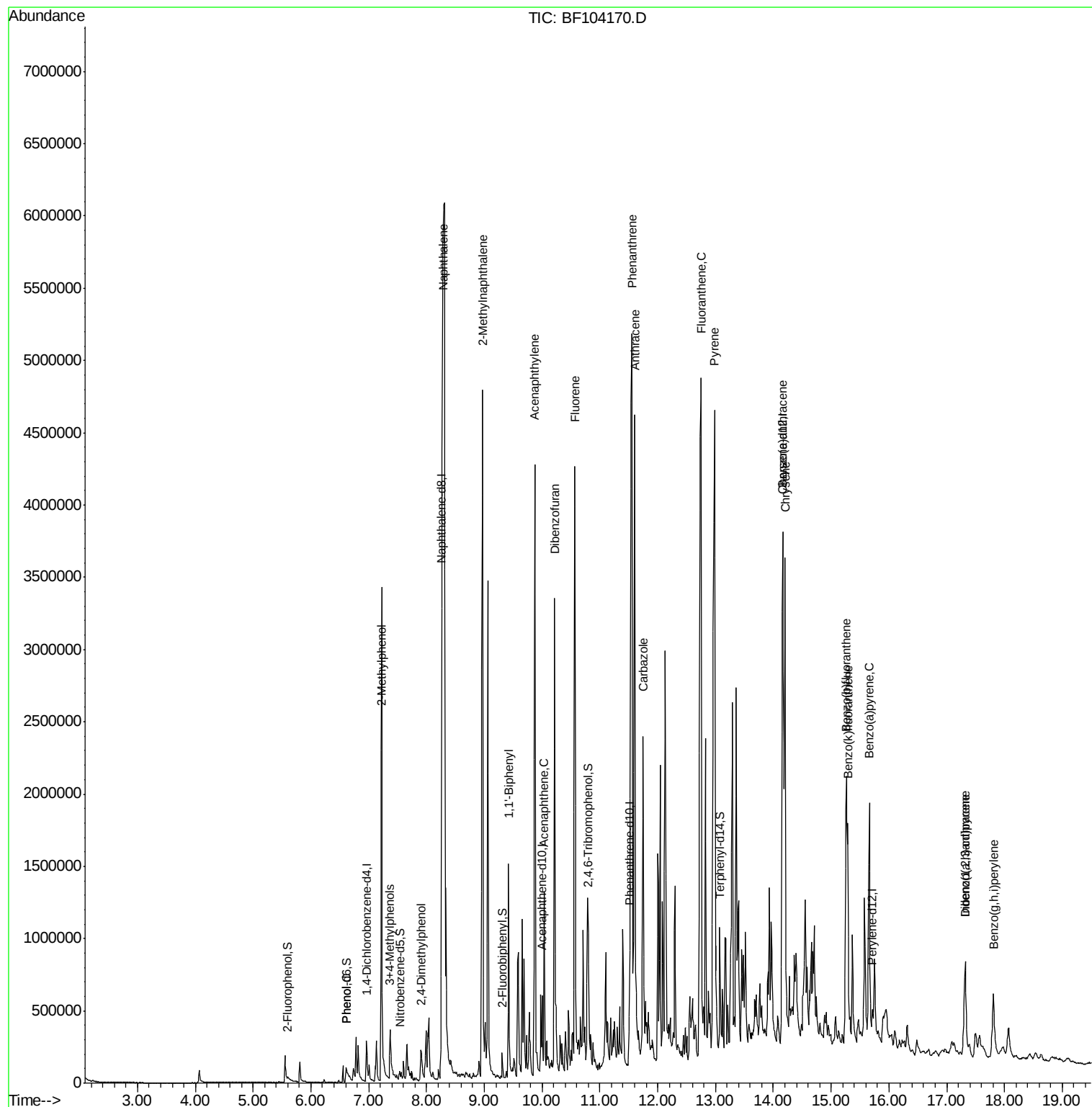
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104170.D
Acq On : 3 Apr 2018 9:13
Operator : JU/SJ
Sample : J2176-02 10X
Misc :
ALS Vial : 45 Sample Multiplier: 1

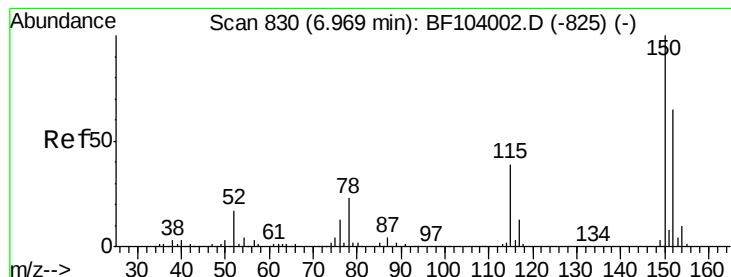
Instrument :
BNA_F
ClientSampleId :
A2 SB53 W 8

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:41 PM

Quant Time: Apr 03 12:34:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration





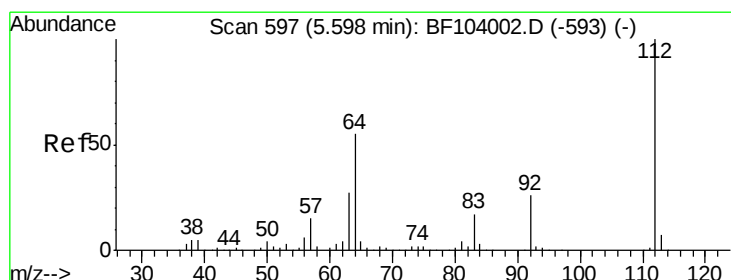
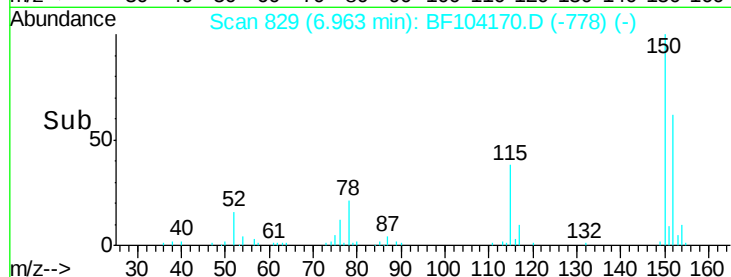
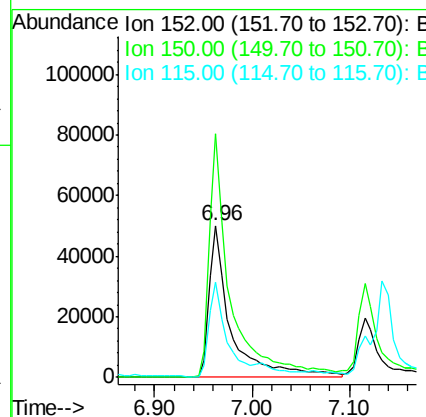
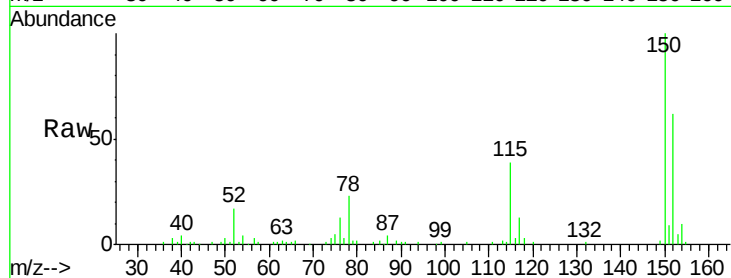
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104170.D
 Acq: 3 Apr 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 A2_SB53_W_8

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	62.4	50.1	75.1

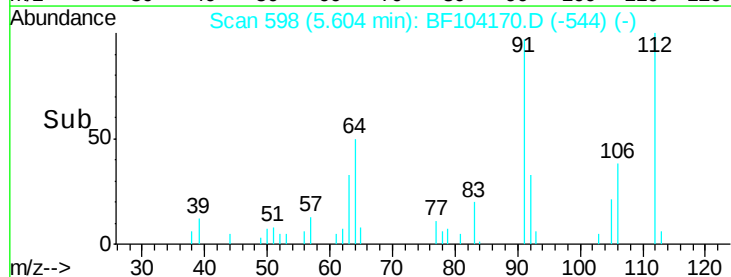
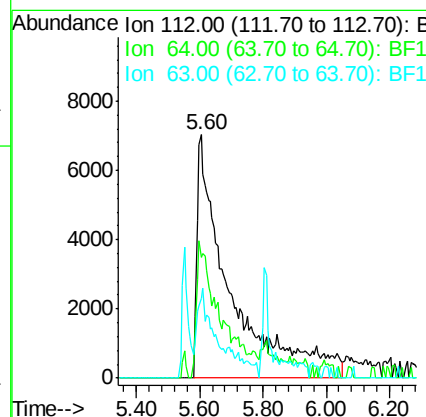
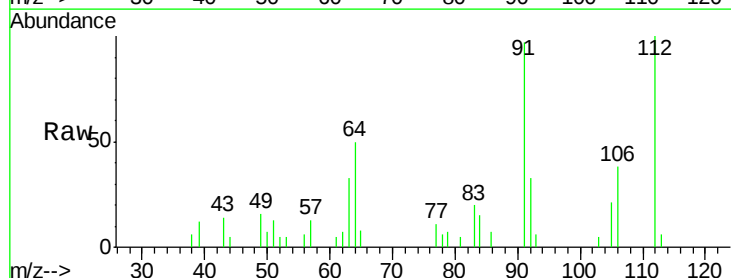
Manual Integrations
 APPROVED

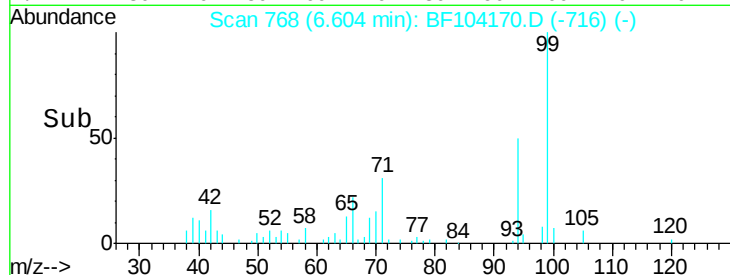
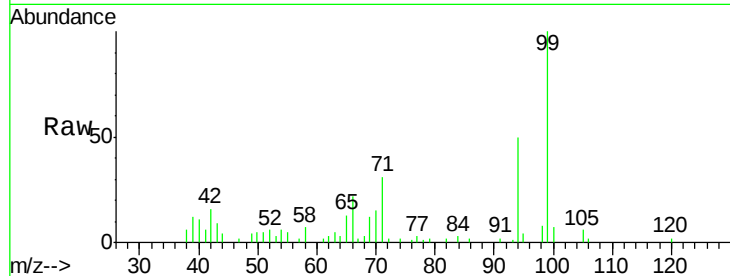
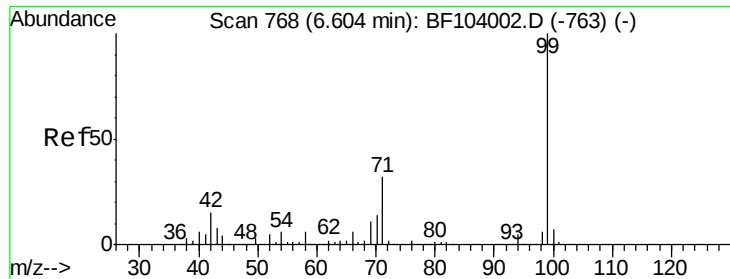
Sohil
 4/3/2018 2:28:41 PM



#5
 2-Fluorophenol
 Concen: 10.369 ng m
 RT: 5.60 min Scan# 598
 Delta R.T. 0.02 min
 Lab File: BF104170.D
 Acq: 3 Apr 2018 9:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.8	47.9	71.9
63	32.6	23.7	35.5





#7

Phenol-d6

Concen: 10.972 ng m

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

Tot Ion:	99	Resp:	65891
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	30.6	25.4	38.0

Instrument :

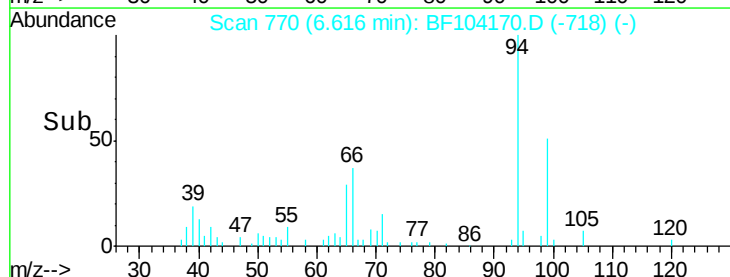
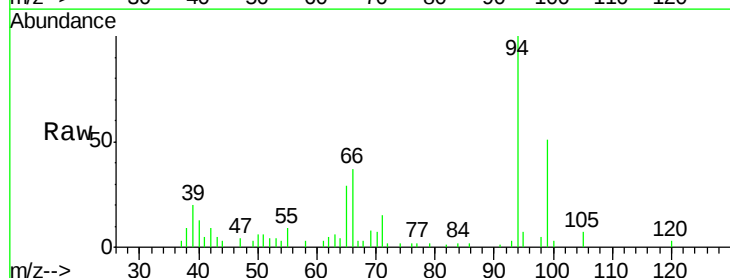
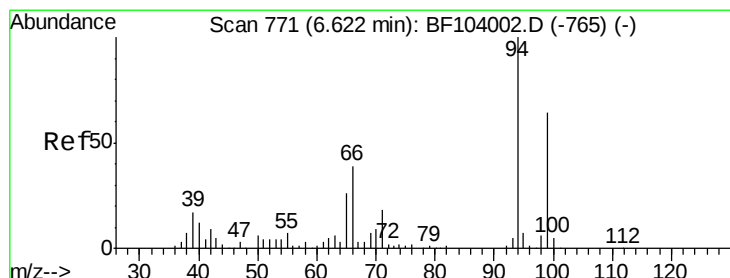
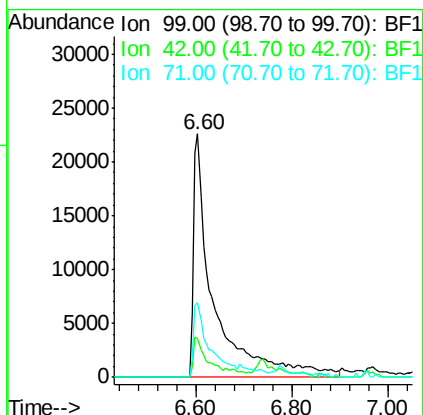
BNA_F

ClientSampleId :

A2_SB53_W_8

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:41 PM



#10

Phenol

Concen: 13.742 ng m

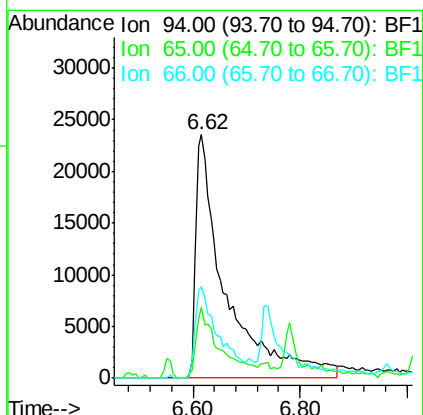
RT: 6.62 min Scan# 770

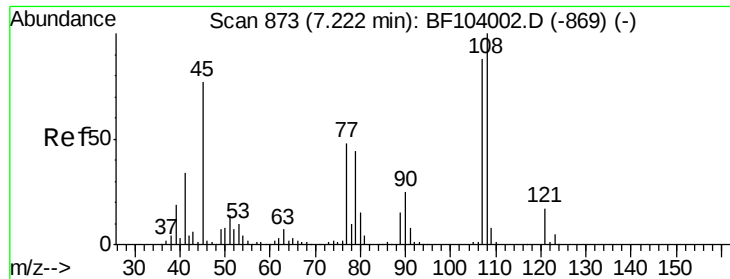
Delta R.T. 0.01 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

Tgt Ion:	94	Resp:	91441
Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	37.4	16.2	56.2





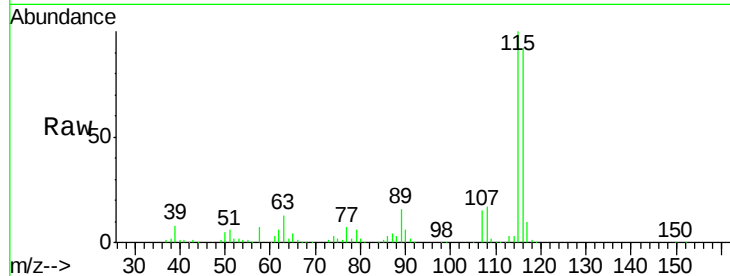
#17
2-Methylphenol
Concen: 15.912 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Instrument :
BNA_F
ClientSampleId :
A2_SB53_W_8

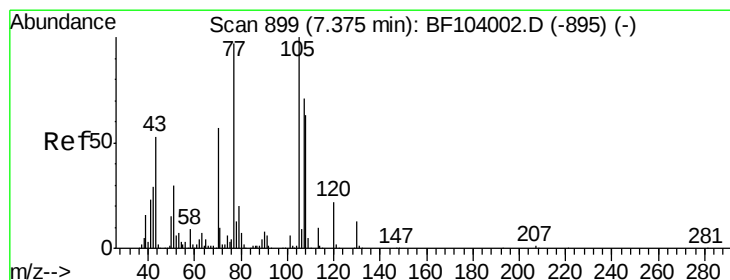
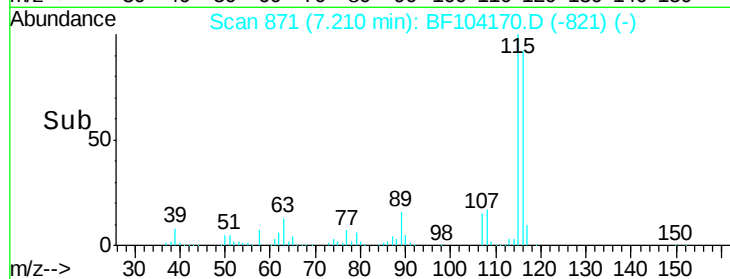
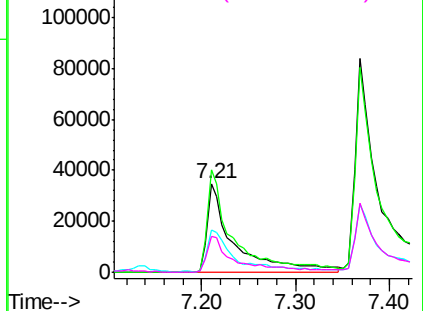
Tot Ion:	107	Resp:	69343
Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.7	137.5
77	47.7	33.8	50.8
79	41.3	33.8	50.8

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:41 PM



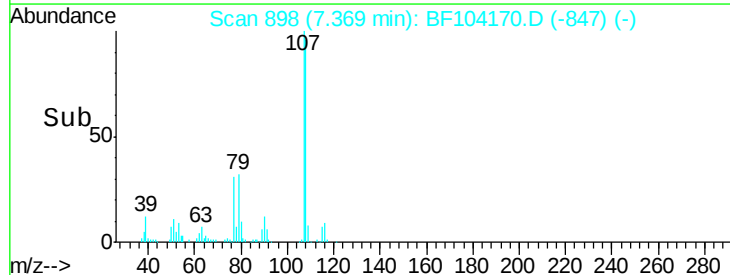
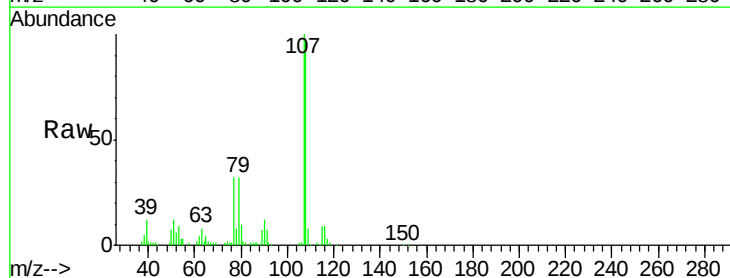
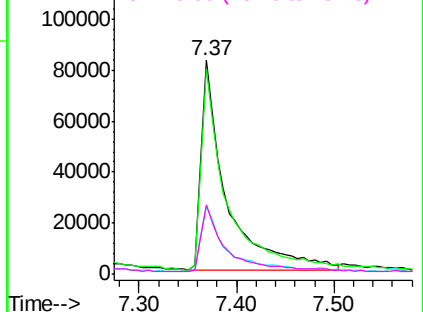
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

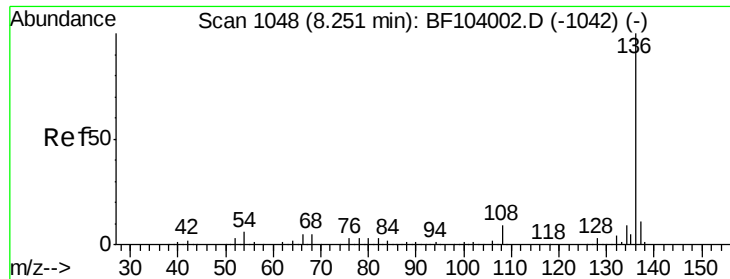


#20
3+4-Methylphenols
Concen: 27.152 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Tgt Ion:	107	Resp:	151016
Ion	Ratio	Lower	Upper
107	100		
108	95.8	68.2	108.2
77	31.8	26.7	66.7
79	32.4	6.3	46.3

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

Instrument :

BNA_F

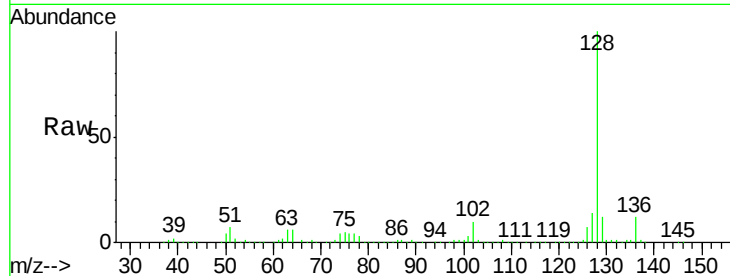
ClientSampleId :

A2_SB53_W_8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		221164		
137	11.0		8.9	13.3	
54	6.8		6.6	9.8	
68	5.5		5.0	7.4	

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:41 PM

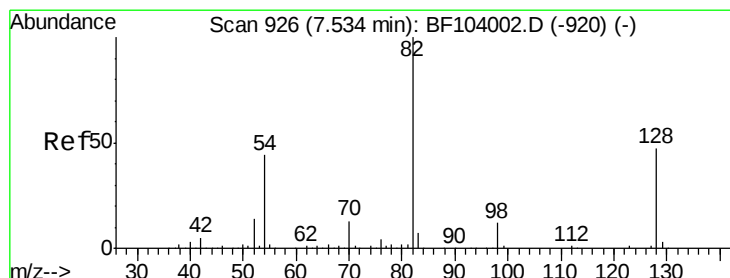
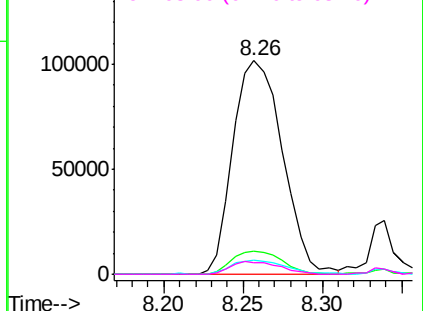
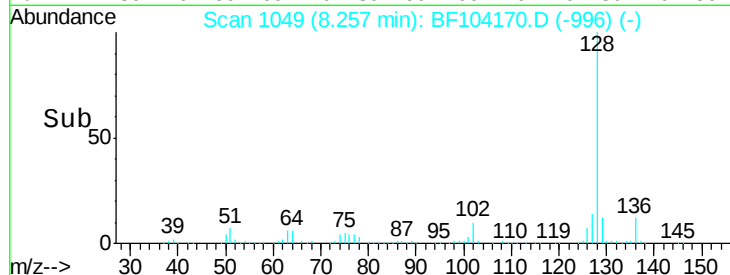


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.175 ng

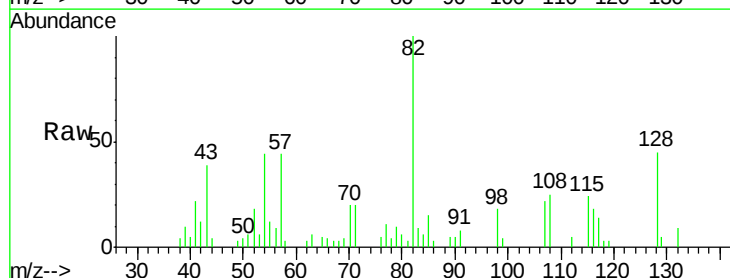
RT: 7.53 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

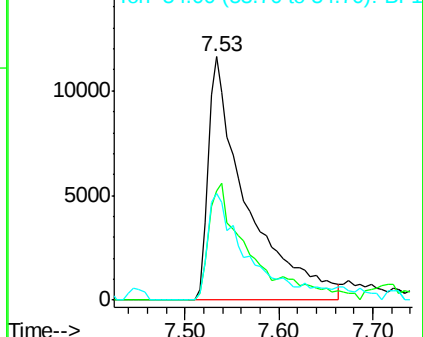
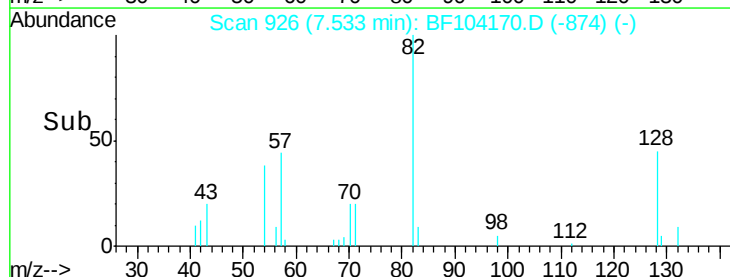
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		33181		
128	44.6		36.1	54.1	
54	44.0		41.4	62.2	

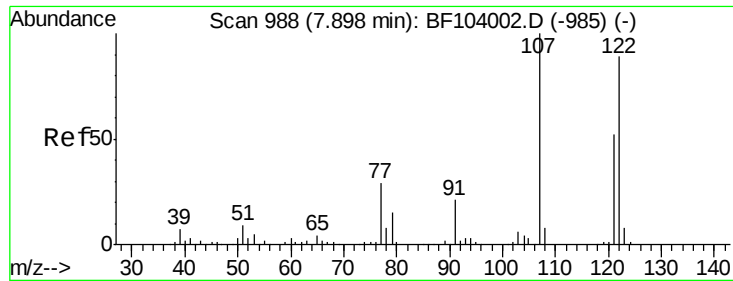


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#27

2,4-Dimethylphenol

Concen: 31.601 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

Instrument :

BNA_F

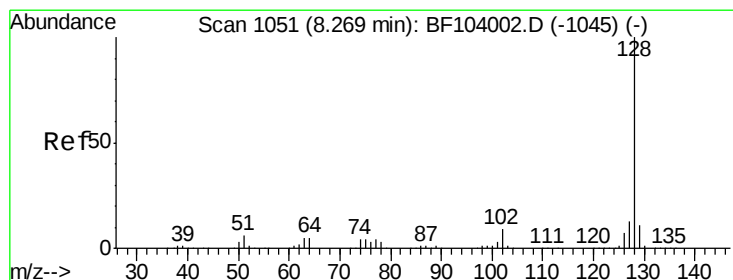
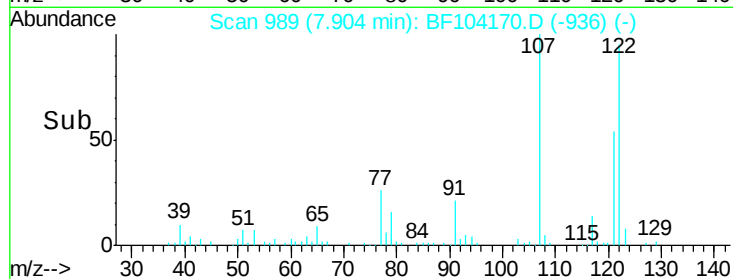
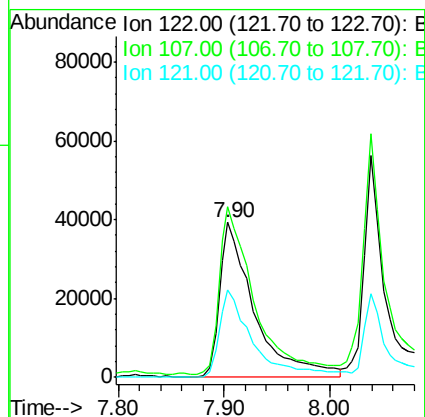
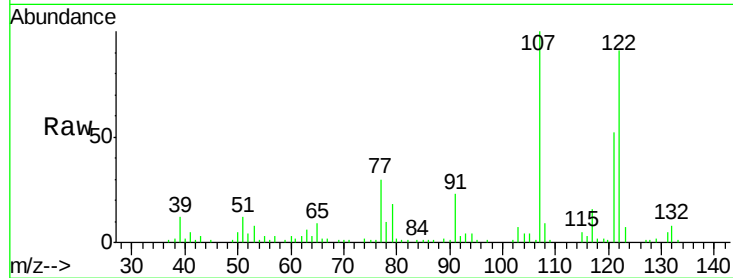
ClientSampleId :

A2_SB53_W_8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		90523		
107	109.7	91.2	136.8		
121	56.7	47.2	70.8		

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:41 PM



#31

Naphthalene

Concen: 892.891 ng

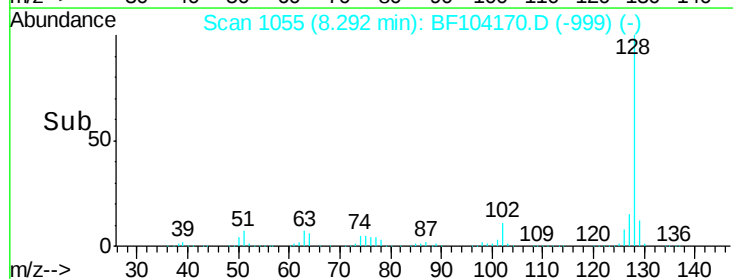
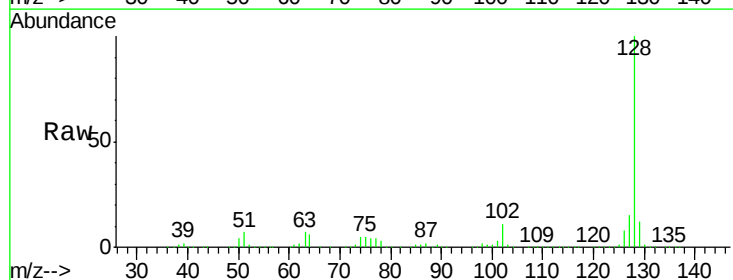
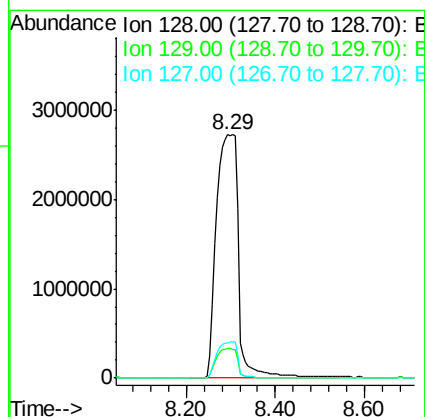
RT: 8.29 min Scan# 1055

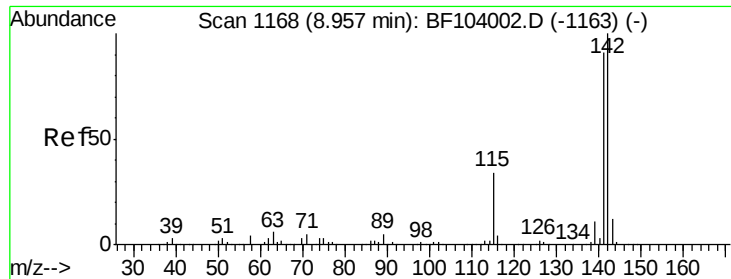
Delta R.T. 0.03 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		9647347		
129	12.1	8.8	13.2		
127	14.6	10.9	16.3		





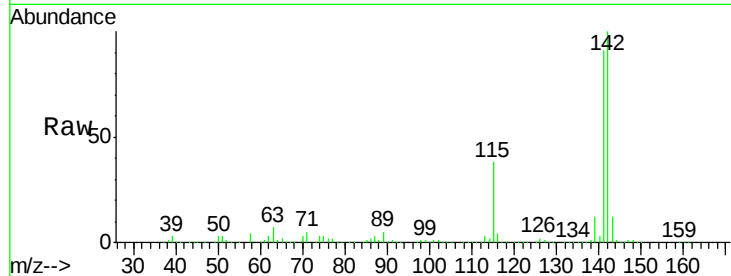
#37
2-Methylnaphthalene
Concen: 281.194 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.02 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Instrument :
BNA_F
ClientSampleId :
A2_SB53_W_8

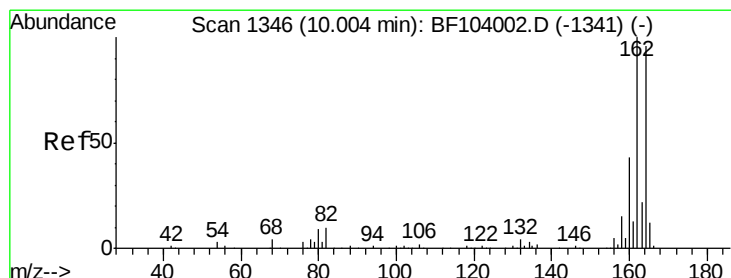
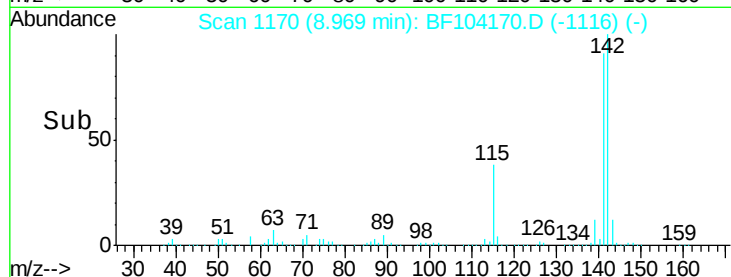
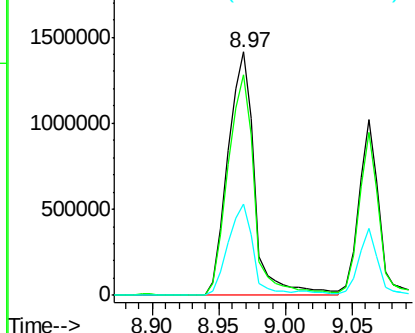
Tot Ion:142 Resp: 2001279
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2
115 37.6 26.1 39.1

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:41 PM

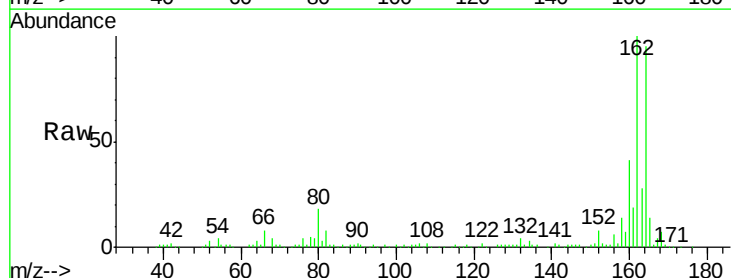


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

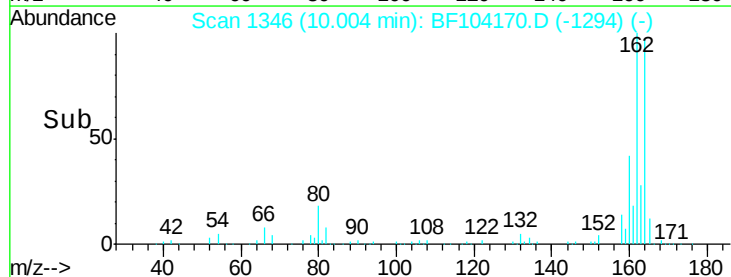
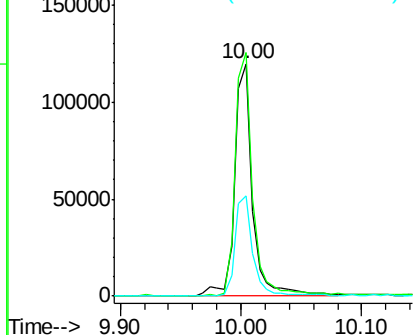


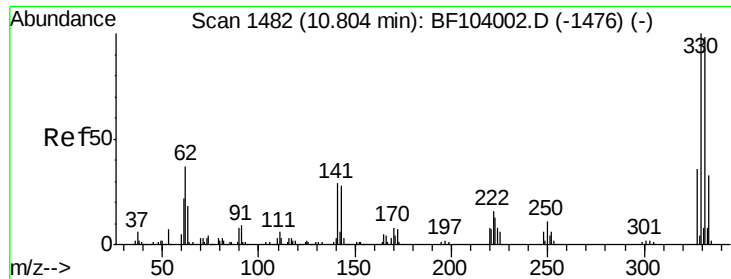
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Tgt Ion:164 Resp: 124646
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 43.1 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





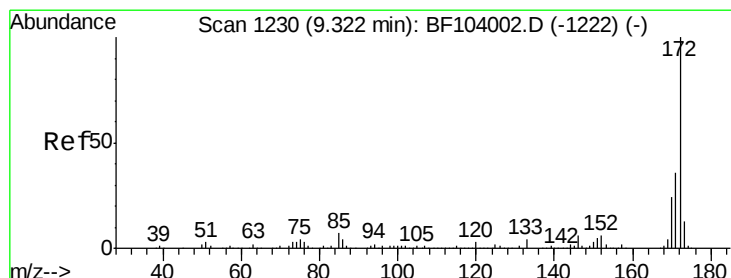
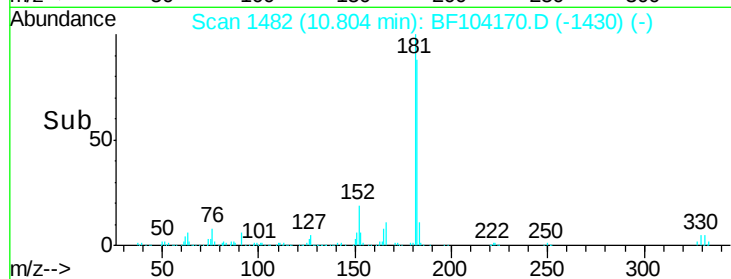
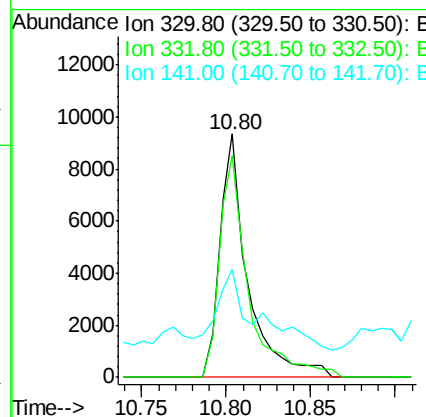
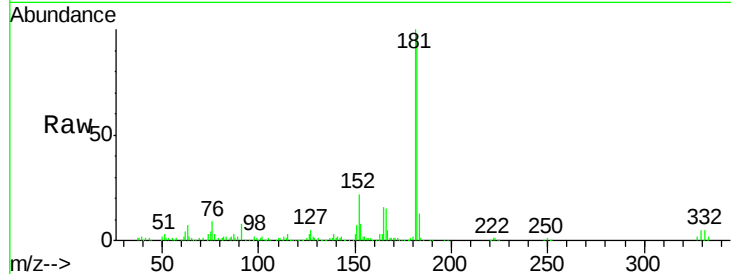
#41
 2,4,6-Tribromophenol
 Concen: 7.750 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF104170.D
 Acq: 3 Apr 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 A2_SB53_W_8

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	21.7	29.9	44.9#

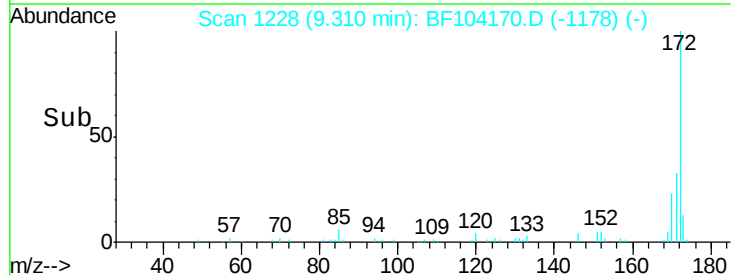
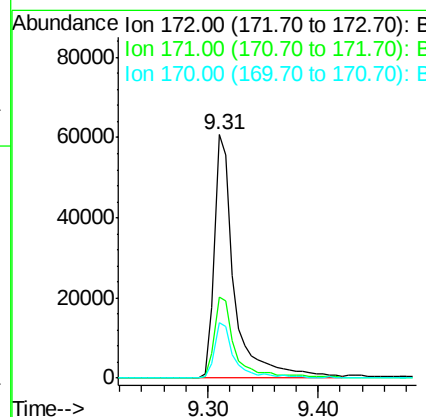
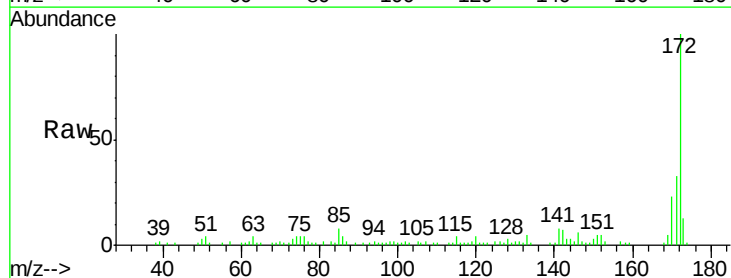
Manual Integrations
 APPROVED

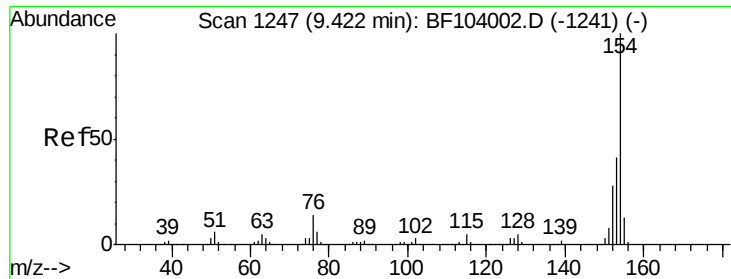
Sohil
 4/3/2018 2:28:41 PM



#44
 2-Fluorobiphenyl
 Concen: 9.565 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104170.D
 Acq: 3 Apr 2018 9:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.7	44.5
170	22.7	19.6	29.4





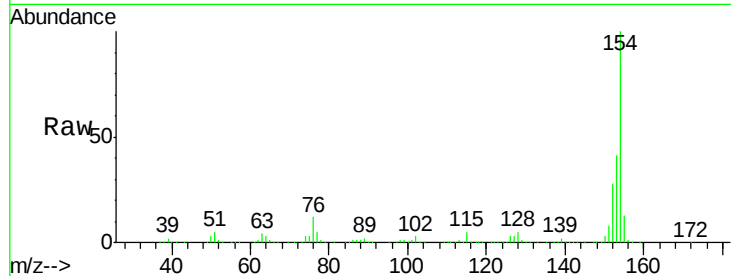
#45
 1,1'-Biphenyl
 Concen: 61.726 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BF104170.D
 Acq: 3 Apr 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 A2_SB53_W_8

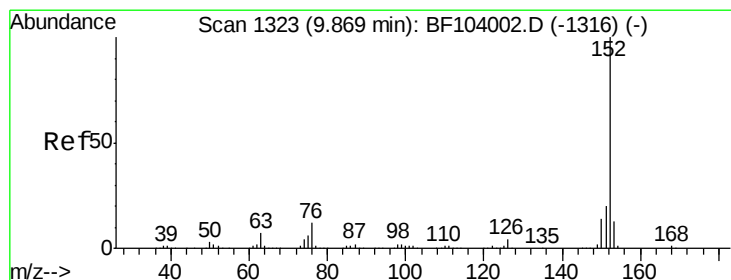
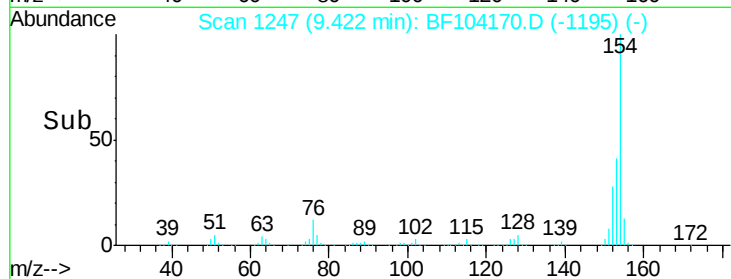
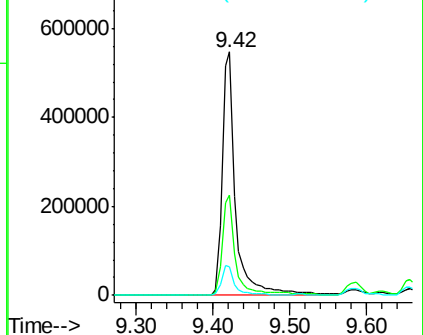
Tot Ion:	154	Resp:	660347
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	11.7	0.0	34.0

Manual Integrations
 APPROVED

Sohil
 4/3/2018 2:28:41 PM

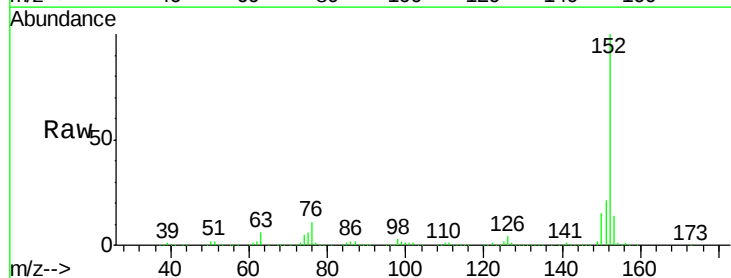


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

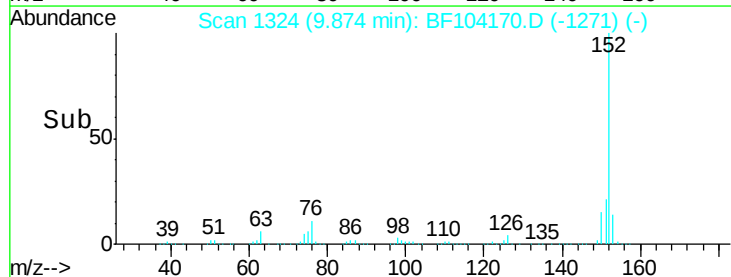
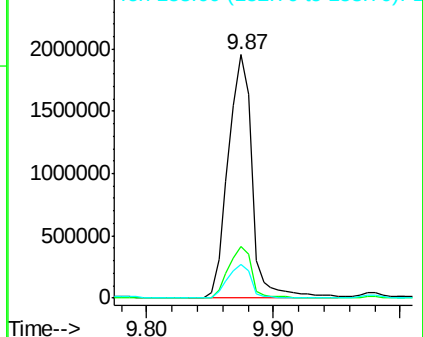


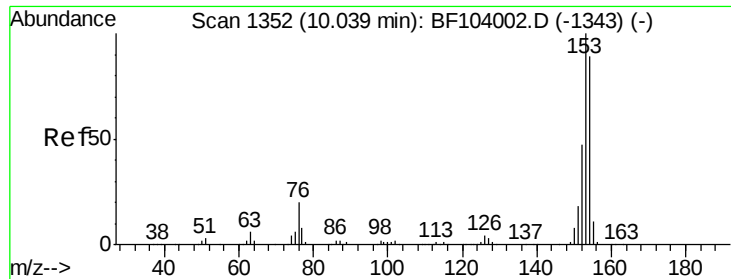
#48
 Acenaphthylene
 Concen: 199.690 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF104170.D
 Acq: 3 Apr 2018 9:13

Tgt Ion:	152	Resp:	2552914
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.3	24.5
153	13.8	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 34.112 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

Instrument :

BNA_F

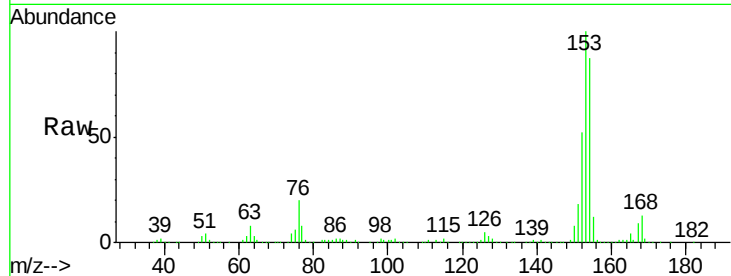
ClientSampleId :

A2_SB53_W_8

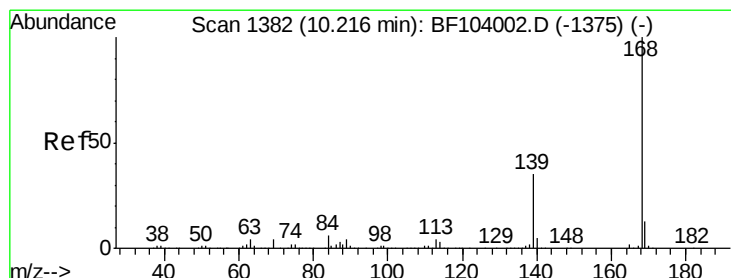
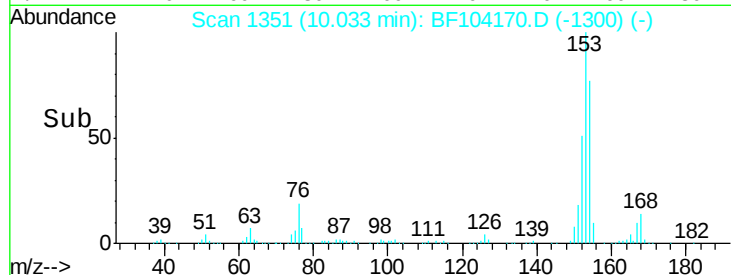
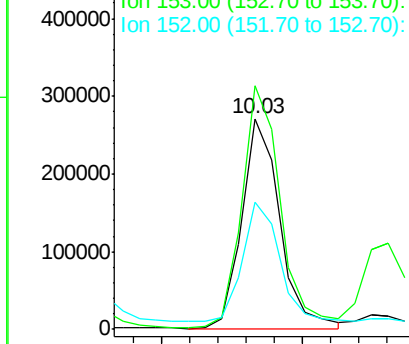
Tot Ion:	154	Resp:	252280
Ion Ratio	Lower	Upper	
154	100		
153	115.6	91.2	136.8
152	60.1	43.8	65.8

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:41 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 164.089 ng

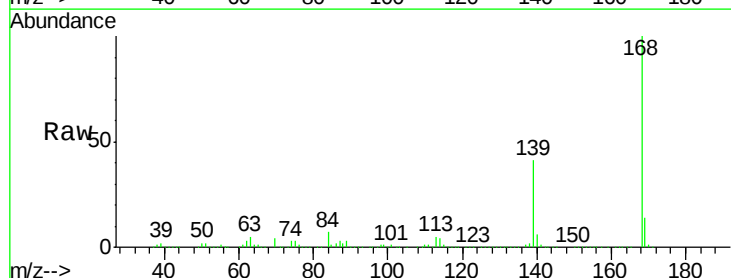
RT: 10.22 min Scan# 1382

Delta R.T. 0.01 min

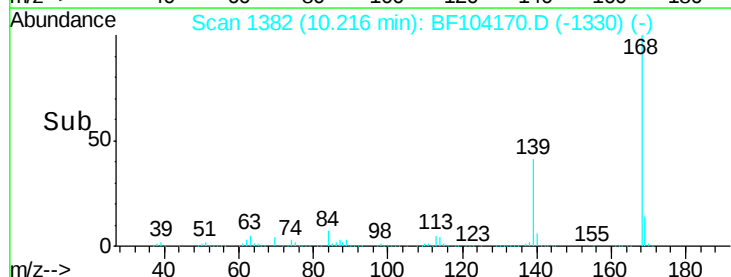
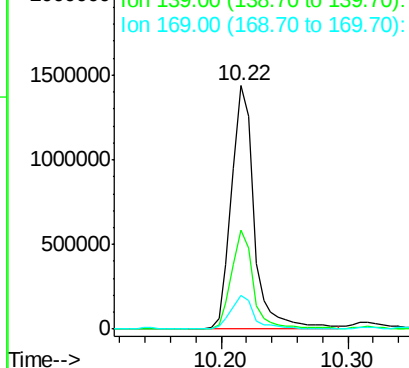
Lab File: BF104170.D

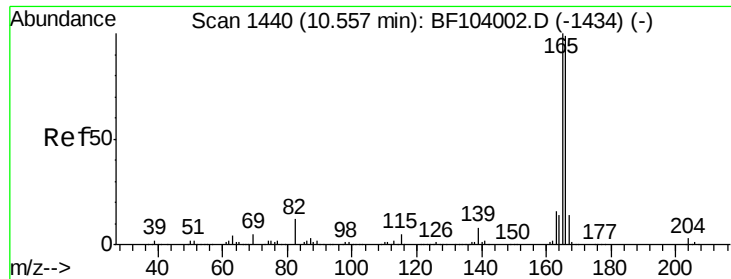
Acq: 3 Apr 2018 9:13

Tgt Ion:	168	Resp:	1772150
Ion Ratio	Lower	Upper	
168	100		
139	40.6	30.1	45.1
169	13.7	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





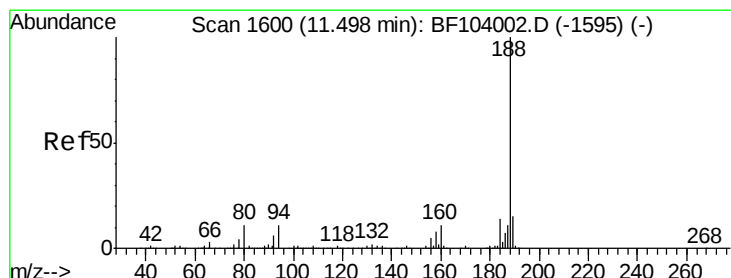
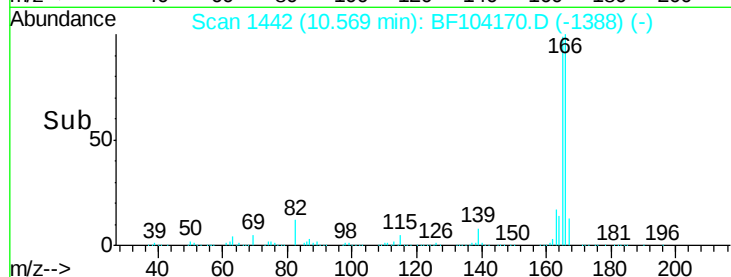
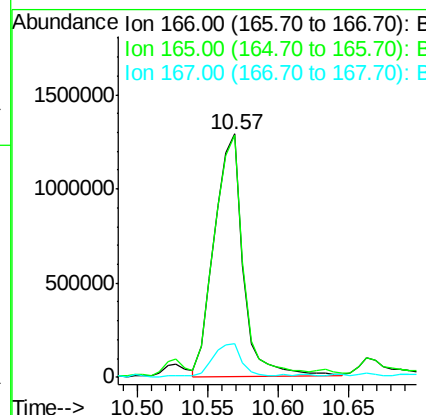
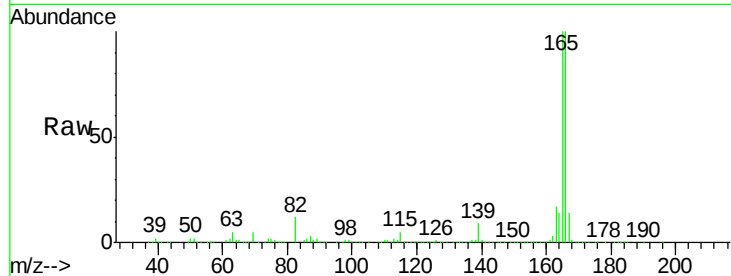
#57
Fluorene
 Concen: 204.906 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: BF104170.D
 Acq: 3 Apr 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 A2_SB53_W_8

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.6	10.6	16.0

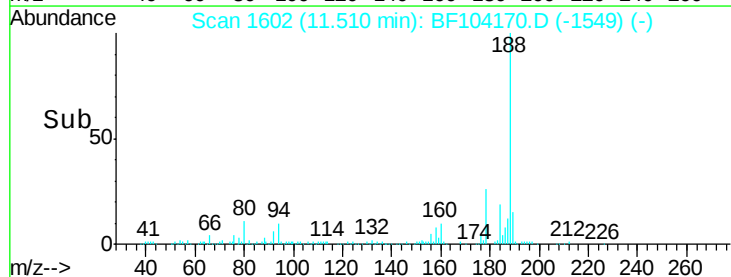
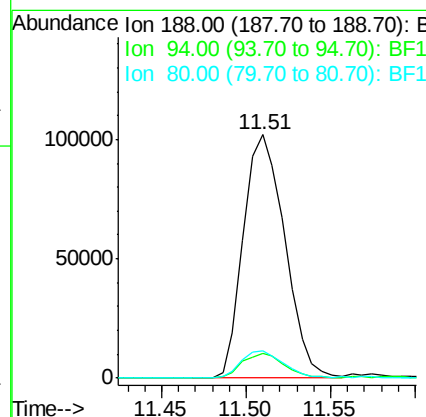
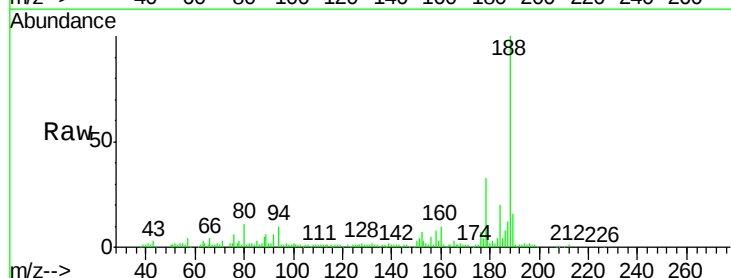
Manual Integrations
 APPROVED

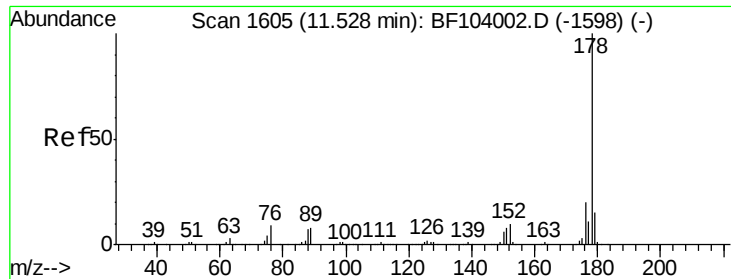
Sohil
 4/3/2018 2:28:41 PM



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF104170.D
 Acq: 3 Apr 2018 9:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.2	9.2	13.8





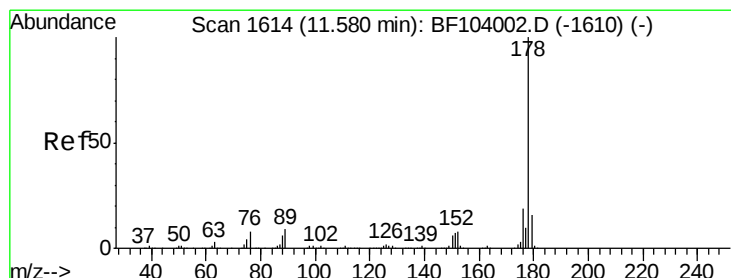
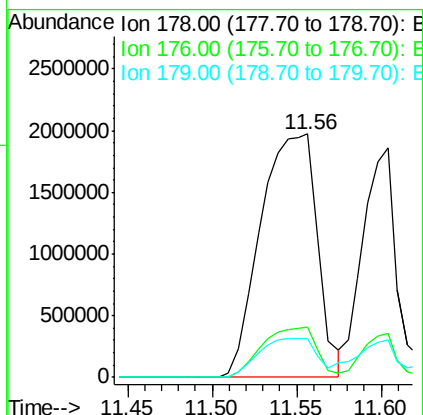
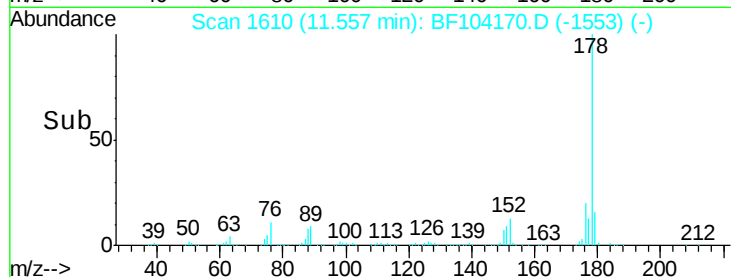
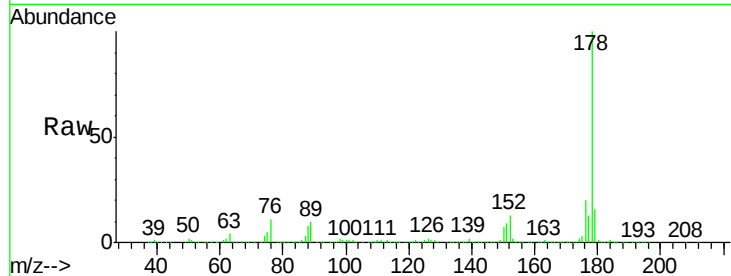
#70
Phenanthrene
Concen: 485.672 ng
RT: 11.56 min Scan# 1610
Delta R.T. 0.04 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Instrument :
BNA_F
ClientSampleId :
A2_SB53_W_8

Tot Ion:178 Resp: 4589675
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 16.2 13.0 19.6

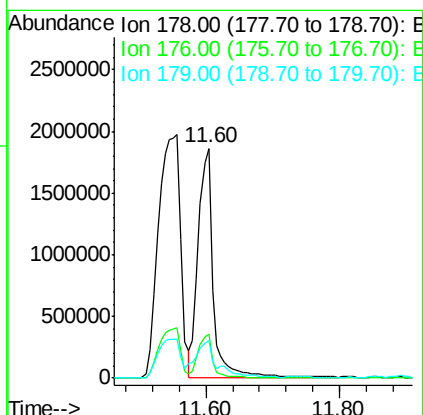
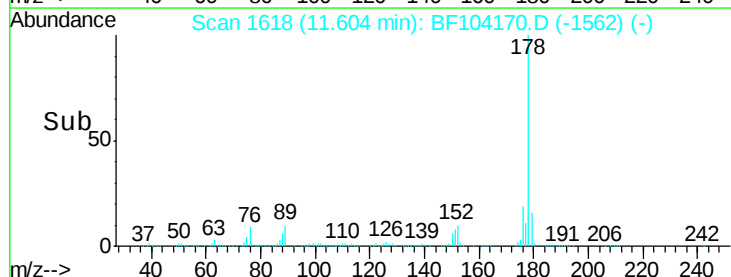
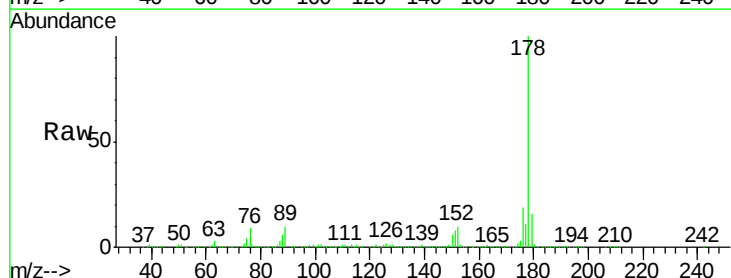
Manual Integrations
APPROVED

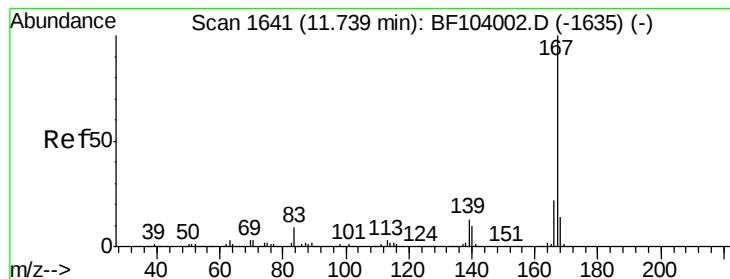
Sohil
4/3/2018 2:28:41 PM



#71
Anthracene
Concen: 286.436 ng
RT: 11.60 min Scan# 1618
Delta R.T. 0.03 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Tgt Ion:178 Resp: 2827415
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.2 12.6 19.0





#72

Carbazole

Concen: 124.510 ng

RT: 11.74 min Scan# 1642

Delta R.T. 0.01 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

Instrument :

BNA_F

ClientSampleId :

A2_SB53_W_8

Tot Ion:167 Resp: 1173029

Ion Ratio Lower Upper

167 100

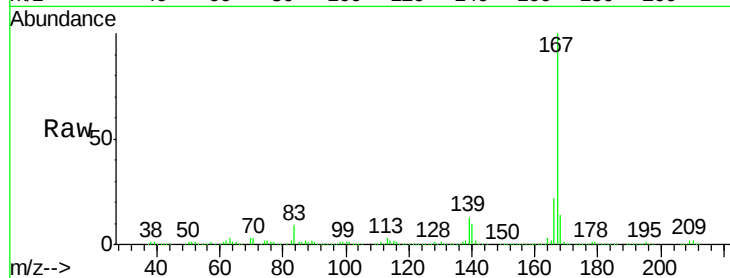
166 22.4 17.6 26.4

139 13.4 10.9 16.3

Manual Integrations
APPROVED

Sohil

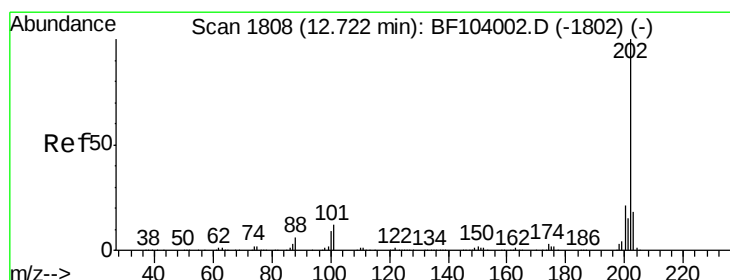
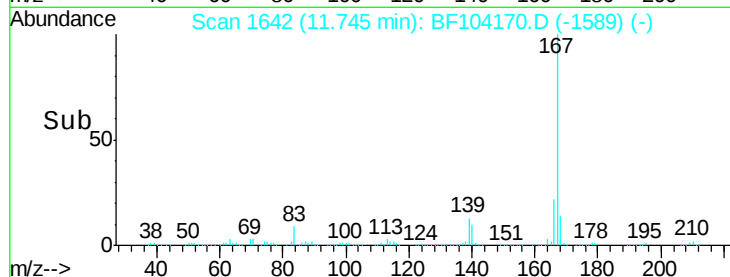
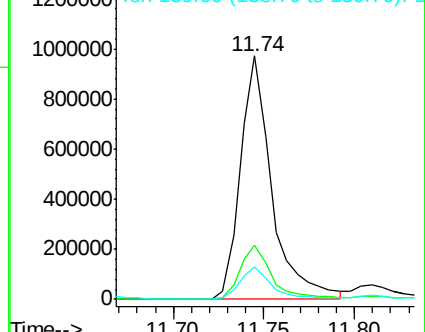
4/3/2018 2:28:41 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 411.389 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.04 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

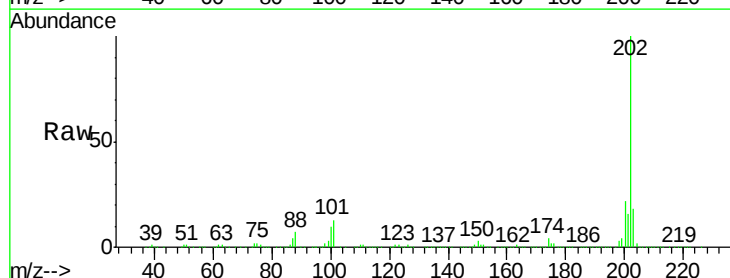
Tgt Ion:202 Resp: 4132435

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

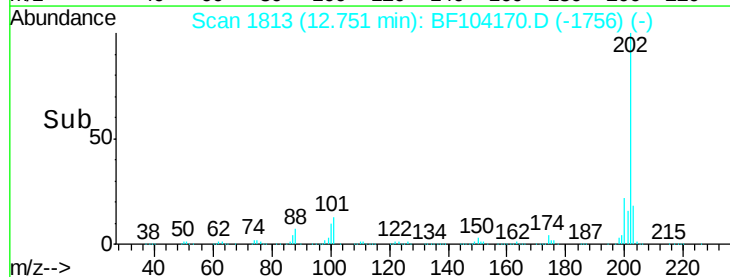
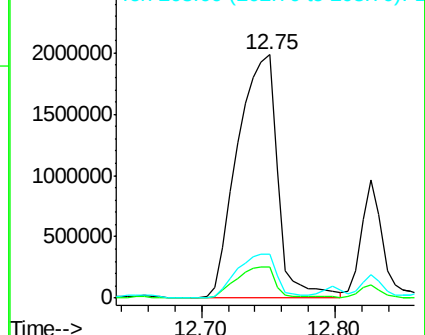
203 18.1 0.0 38.1

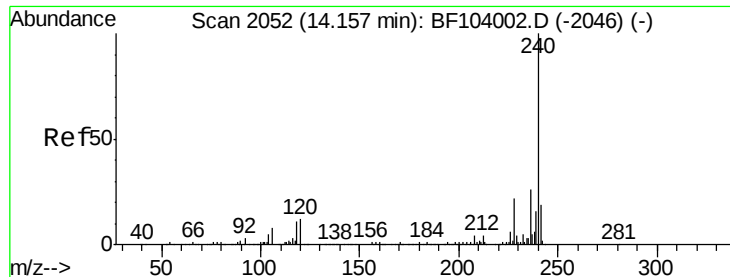


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





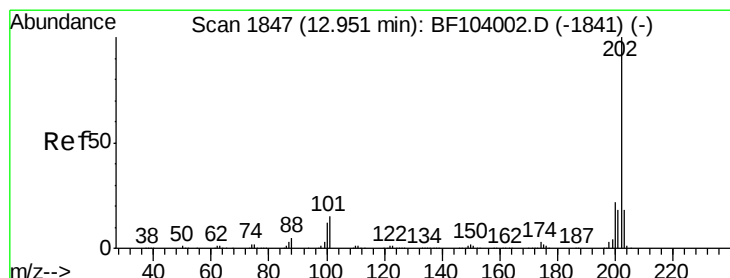
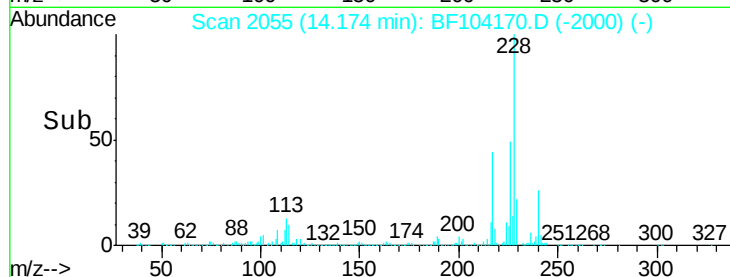
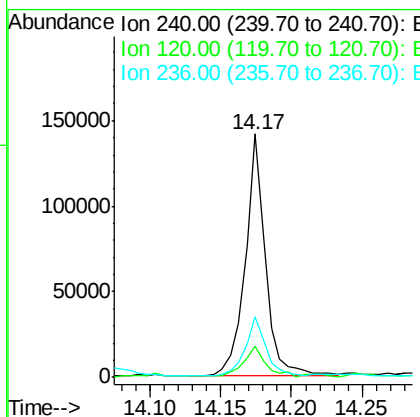
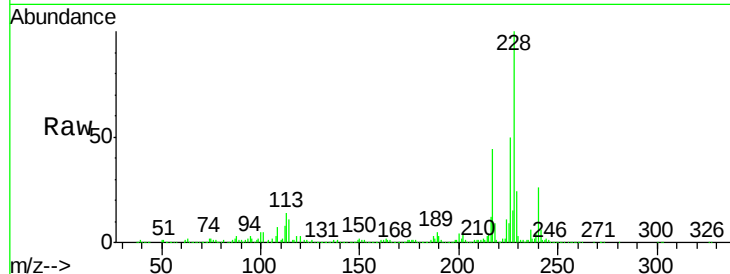
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Instrument :
BNA_F
ClientSampleId :
A2_SB53_W_8

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.5	9.5	14.3	
236	24.9	20.7	31.1	

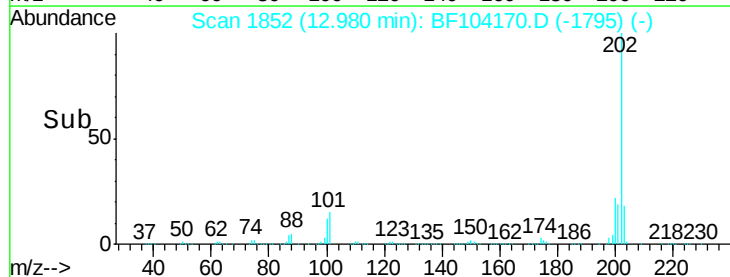
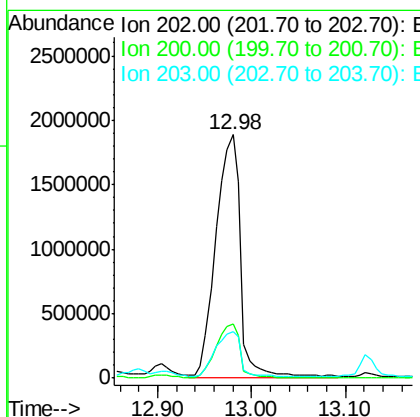
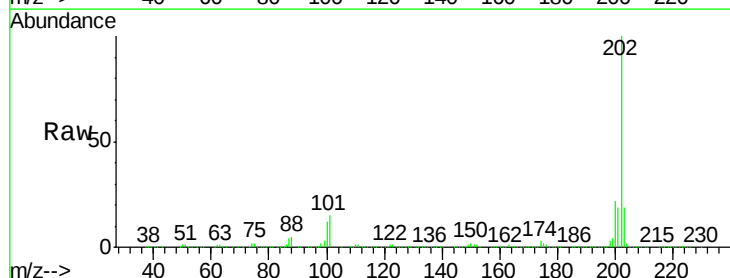
Manual Integrations
APPROVED

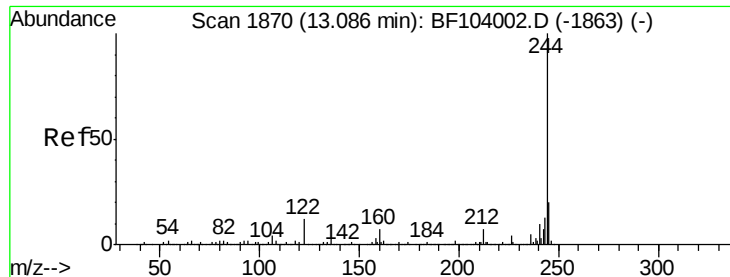
Sohil
4/3/2018 2:28:41 PM



#77
Pyrene
Concen: 346.005 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.04 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.2	17.4	26.2	
203	19.0	14.3	21.5	





#78

Terphenyl-d14

Concen: 11.842 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

Instrument :

BNA_F

ClientSampleId :

A2_SB53_W_8

Tot Ion:244 Resp: 71645

Ion Ratio Lower Upper

244 100

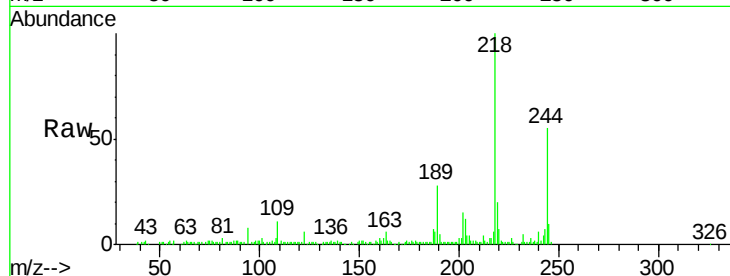
212 6.8 5.4 8.0

122 11.2 11.0 16.4

Manual Integrations
APPROVED

Sohil

4/3/2018 2:28:41 PM

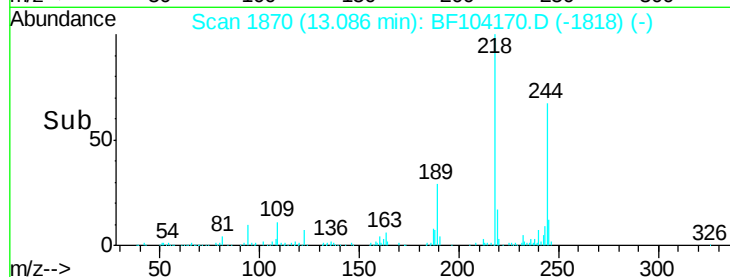


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



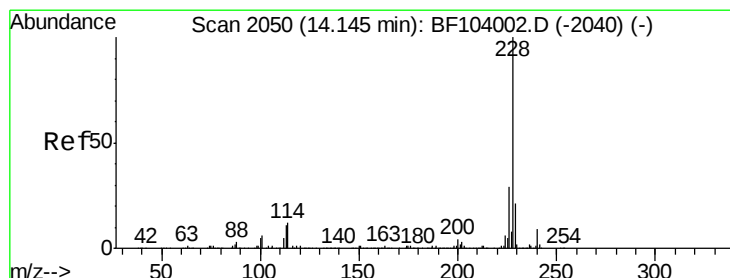
Abundance

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

Time-->



#80

Benzo(a)anthracene

Concen: 227.588 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.02 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

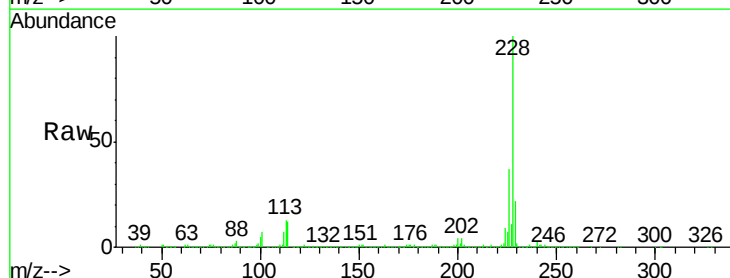
Tgt Ion:228 Resp: 1989250

Ion Ratio Lower Upper

228 100

226 37.5 22.6 33.8#

229 22.3 15.8 23.6

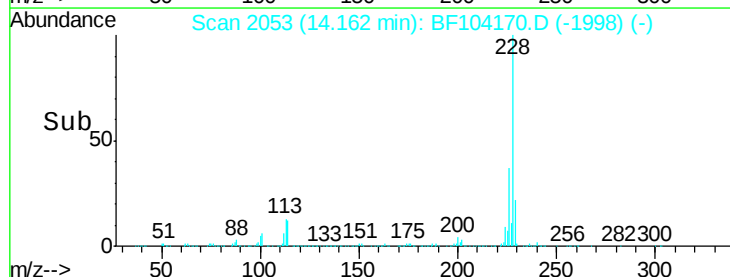


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



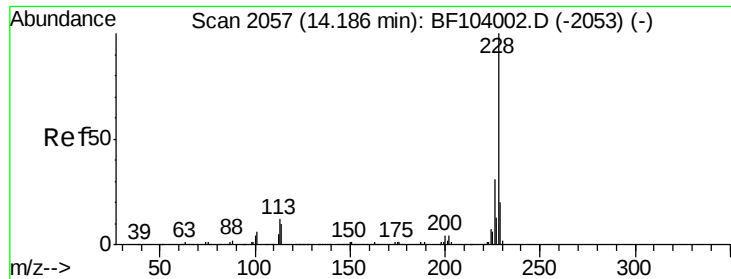
Abundance

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

Time-->



#82

Chrysene

Concen: 204.317 ng

RT: 14.20 min Scan# 2060

Delta R.T. 0.02 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

Instrument :

BNA_F

ClientSampleId :

A2_SB53_W_8

Tot Ion:228 Resp: 1749159

Ion Ratio Lower Upper

228 100

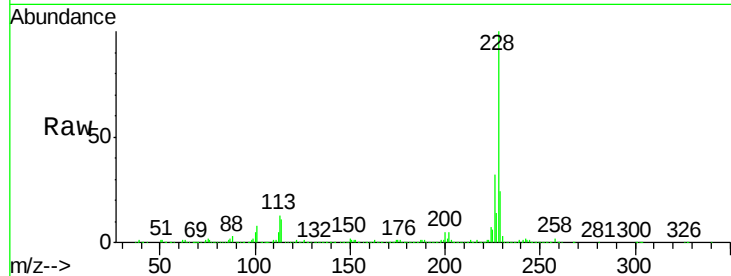
226 31.7 25.0 37.6

229 23.9 16.2 24.4

Manual Integrations
APPROVED

Sohil

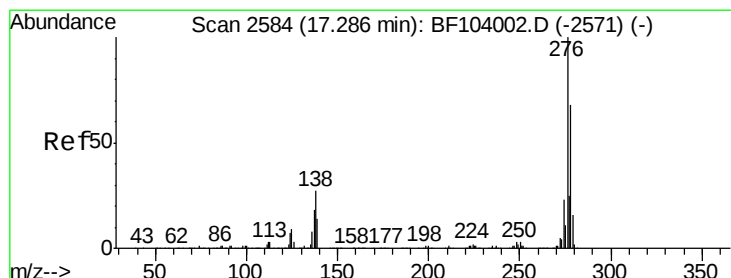
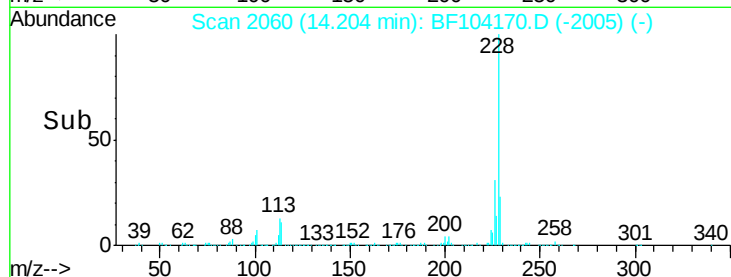
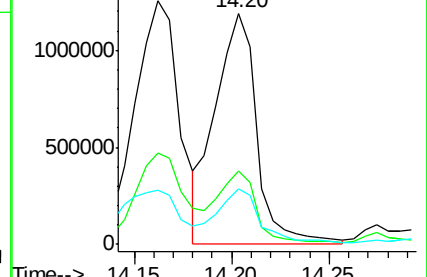
4/3/2018 2:28:41 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 61.547 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.04 min

Lab File: BF104170.D

Acq: 3 Apr 2018 9:13

Tgt Ion:276 Resp: 546008

Ion Ratio Lower Upper

276 100

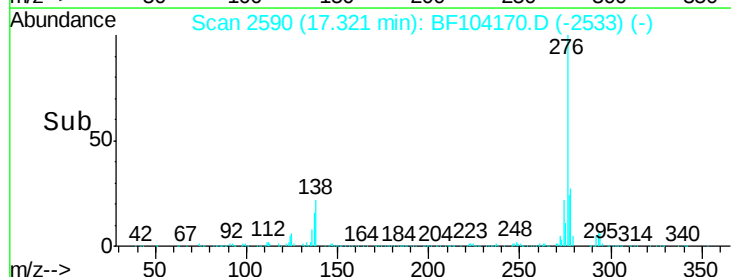
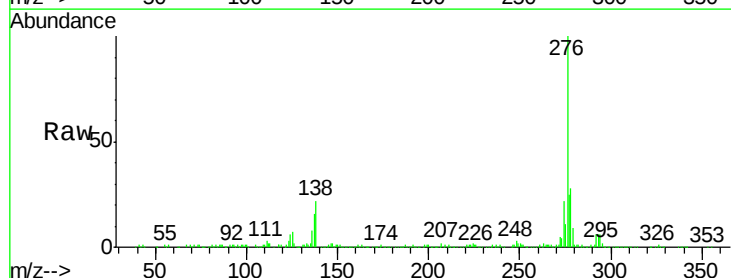
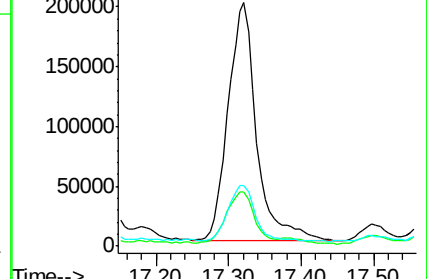
138 20.7 25.0 37.6#

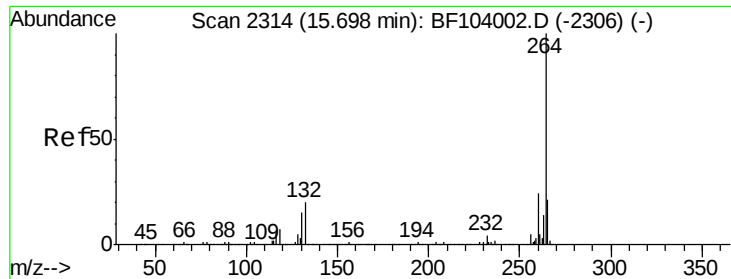
277 22.8 20.1 30.1

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





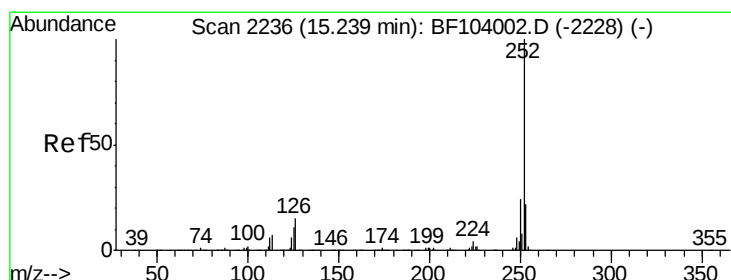
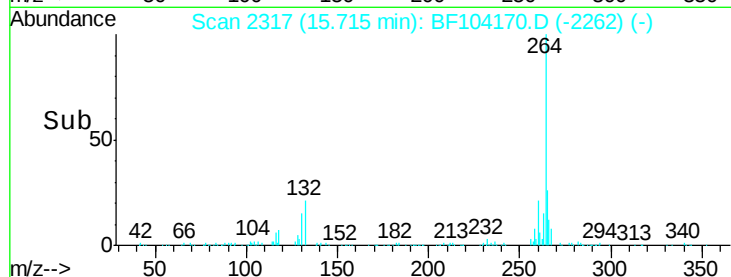
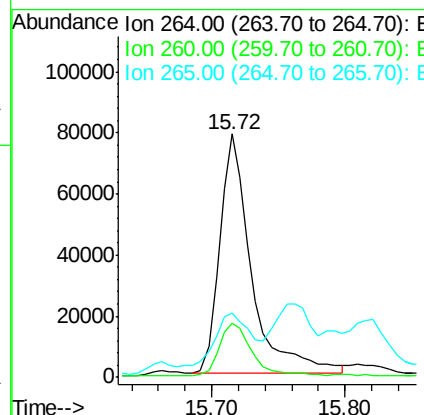
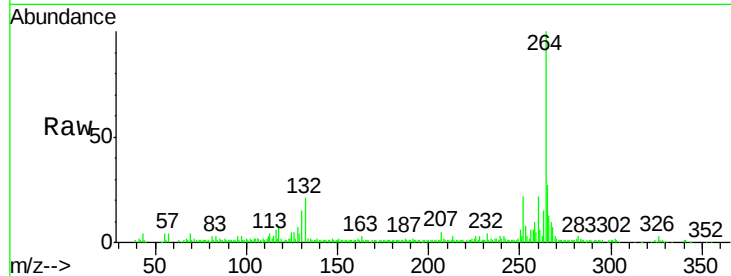
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.02 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Instrument :
BNA_F
ClientSampleId :
A2_SB53_W_8

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	26.5	17.5	26.3

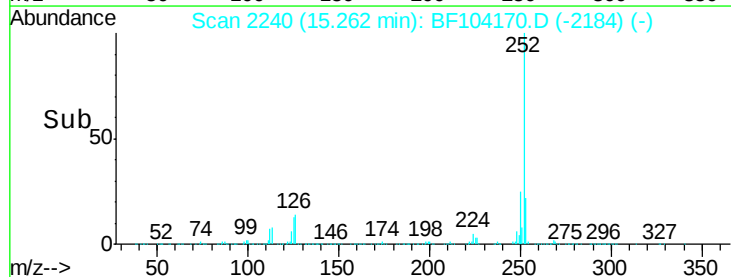
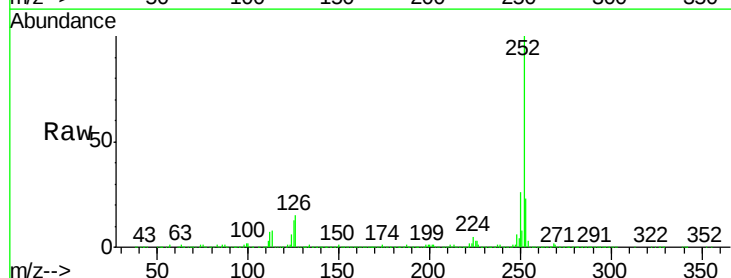
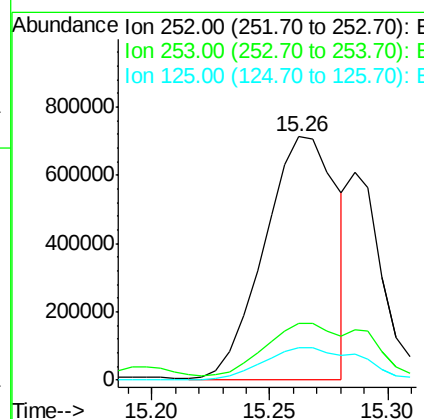
Manual Integrations
APPROVED

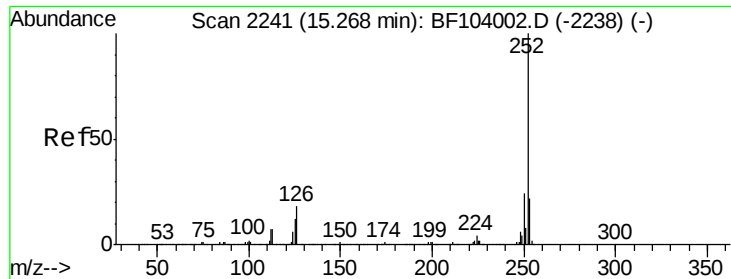
Sohil
4/3/2018 2:28:41 PM



#87
Benzo(b)fluoranthene
Concen: 191.715 ng m
RT: 15.26 min Scan# 2240
Delta R.T. 0.03 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	13.4	9.0	13.6





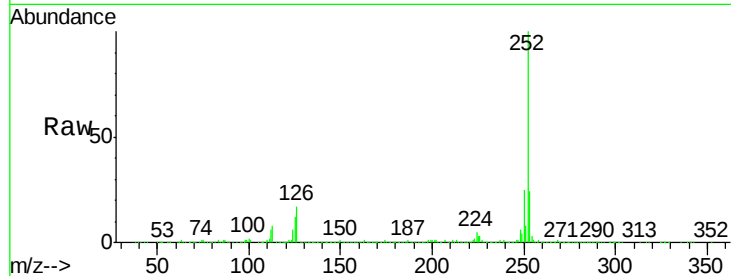
#88
Benzo(k)fluoranthene
Concen: 85.684 ng m
RT: 15.29 min Scan# 2244
Delta R.T. 0.02 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Instrument :
BNA_F
ClientSampleId :
A2_SB53_W_8

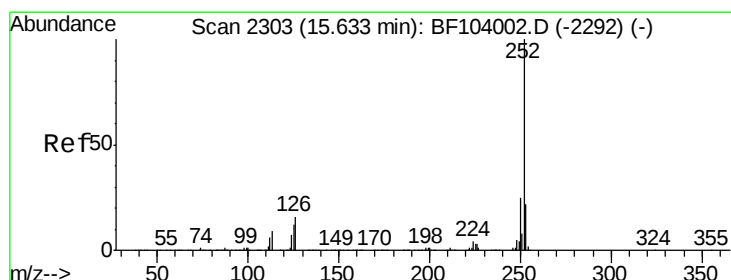
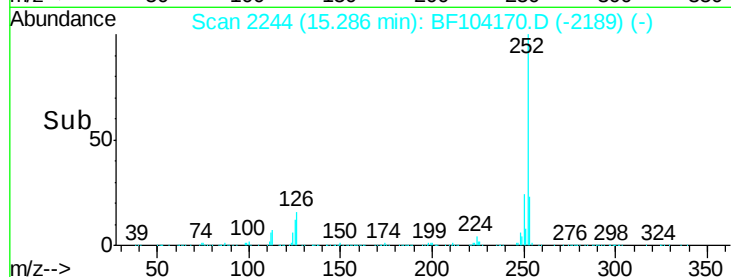
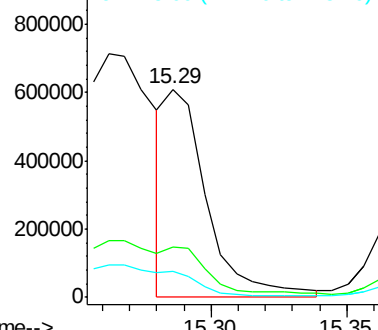
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	12.3	10.2	15.2

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:41 PM



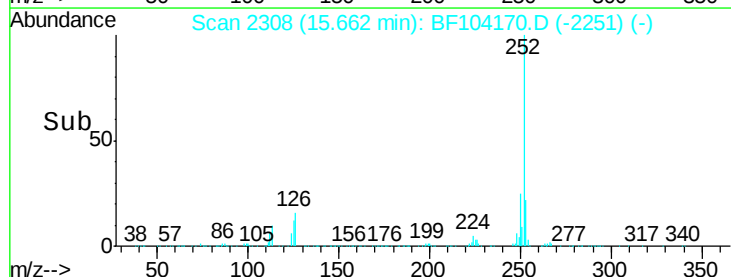
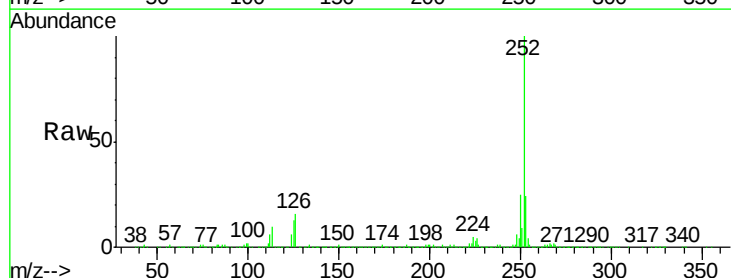
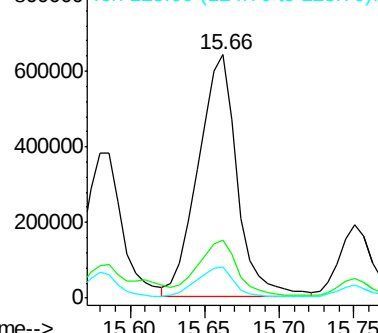
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

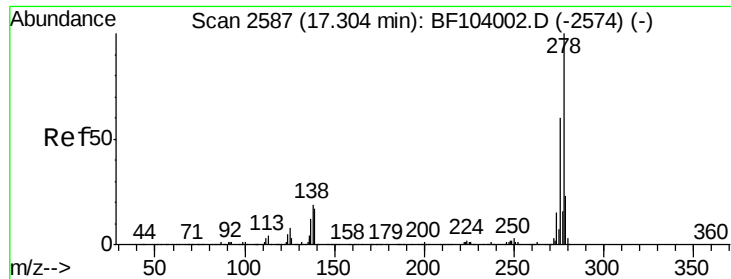


#89
Benzo(a)pyrene
Concen: 157.965 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.04 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	12.5	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





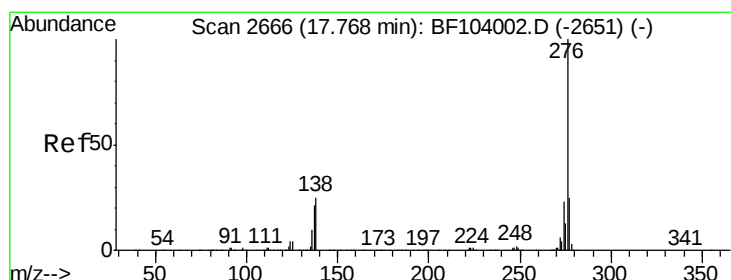
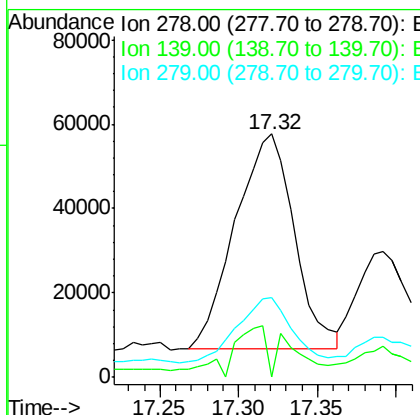
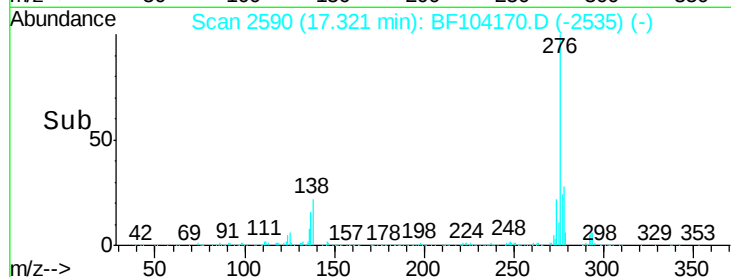
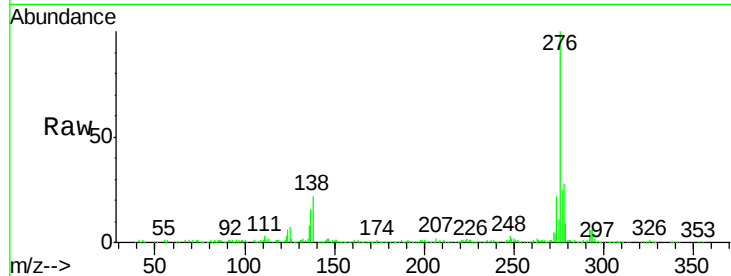
#90
Dibenzo(a,h)anthracene
Concen: 19.563 ng/mL
RT: 17.32 min Scan# 2590
Delta R.T. 0.02 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Instrument :
BNA_F
ClientSampleId :
A2_SB53_W_8

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	32.5	19.0	28.4#

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:41 PM



#91
Benzo(g,h,i)perylene
Concen: 65.801 ng/mL
RT: 17.81 min Scan# 2673
Delta R.T. 0.04 min
Lab File: BF104170.D
Acq: 3 Apr 2018 9:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	23.7	21.8	32.8

