

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095754.D
 Acq On : 7 Jun 2017 19:31
 Operator : SJ/MA
 Sample : I3479-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(7-9)20170604

Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:54 PM

Quant Time: Jun 08 11:40:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	70267	20.00	ng	-0.01
21) Naphthalene-d8	9.42	136	283096	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	115472	20.00	ng	-0.02
63) Phenanthrene-d10	14.64	188	172995	20.00	ng	0.00
75) Chrysene-d12	18.36	240	124927	20.00	ng	0.00
86) Perylene-d12	20.02	264	107030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	661169	149.93	ng	0.00
7) Phenol-d6	6.97	99	802608	152.03	ng	0.01
23) Nitrobenzene-d5	8.30	82	456544	100.16	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	127482	124.78	ng	-0.01
44) 2-Fluorobiphenyl	11.20	172	760414	91.64	ng	-0.02
78) Terphenyl-d14	17.01	244	417877	83.01	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.45	128	345461	24.32	ng	99
37) 2-Methylnaphthalene	10.57	142	91754	9.56	ng	98
45) 1,1'-Biphenyl	11.34	154	32589	3.42	ng	96
49) Dimethylphthalate	11.89	163	181240	20.67	ng	100
51) Acenaphthene	12.30	154	433194	58.99	ng	99
54) Dibenzofuran	12.58	168	270366	26.16	ng	96
57) Fluorene	13.13	166	339577	37.75	ng	100
70) Phenanthrene	14.70	178	2233435	223.75	ng	99
71) Anthracene	14.77	178	821166	78.80	ng	98
72) Carbazole	15.06	167	358936	35.35	ng	97
74) Fluoranthene	16.48	202	2272424	230.01	ng	99
77) Pyrene	16.78	202	1889729	202.73	ng	97
80) Benzo(a)anthracene	18.36	228	945654	130.20	ng	99
82) Chrysene	18.40	228	802337m	110.54	ng	
83) Bis(2-ethylhexyl)phthalate	18.43	149	13989	2.44	ng	# 93
85) Indeno(1,2,3-cd)pyrene	21.20	276	259908	41.85	ng	96
87) Benzo(b)fluoranthene	19.63	252	840939m	125.48	ng	
88) Benzo(k)fluoranthene	19.65	252	243904m	38.07	ng	
89) Benzo(a)pyrene	19.97	252	580605	94.26	ng	97
90) Dibenzo(a,h)anthracene	21.20	278	62894m	12.04	ng	
91) Benzo(g,h,i)perylene	21.54	276	248295	46.61	ng	97

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

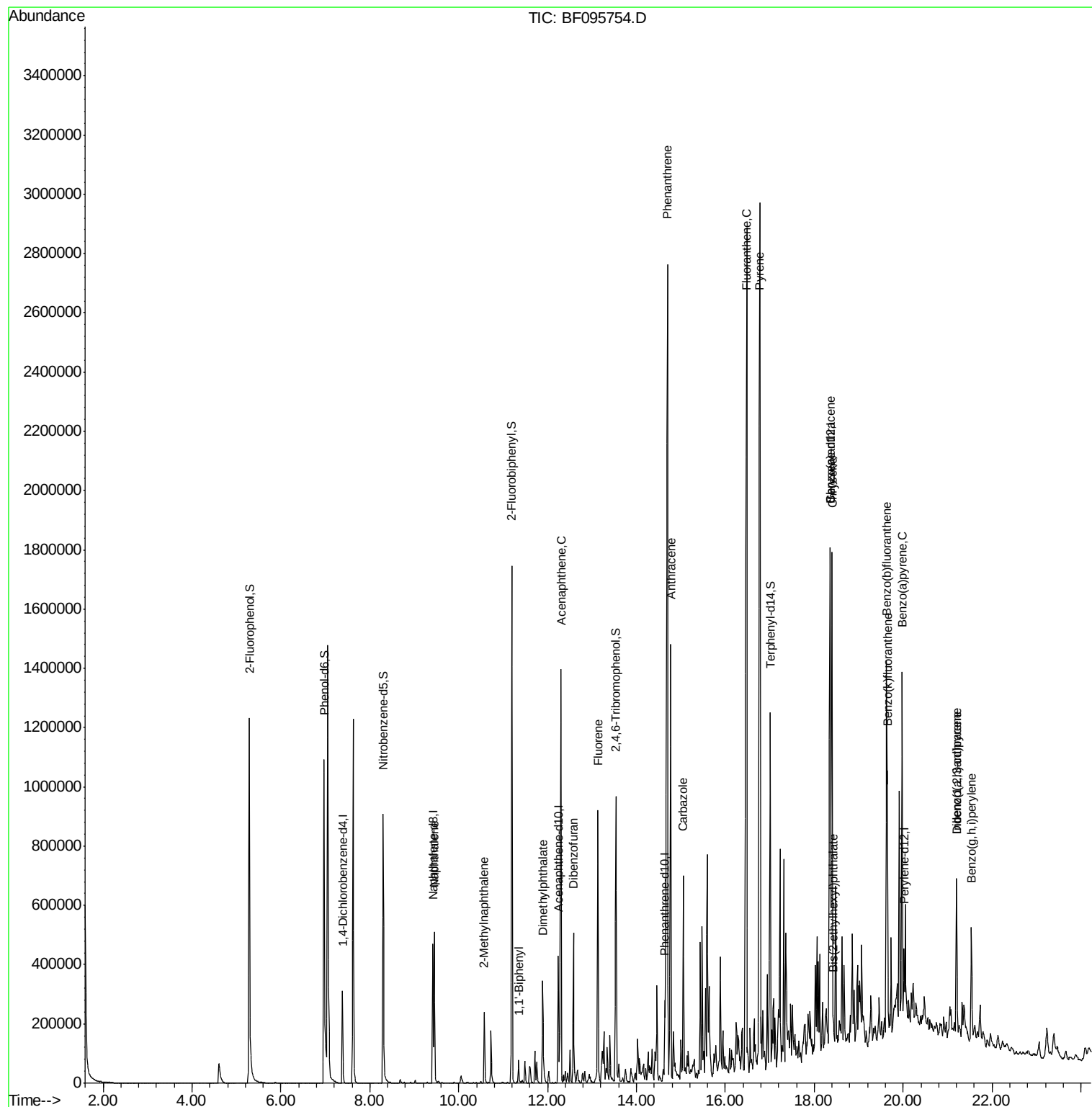
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095754.D
Acq On : 7 Jun 2017 19:31
Operator : SJ/MA
Sample : I3479-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

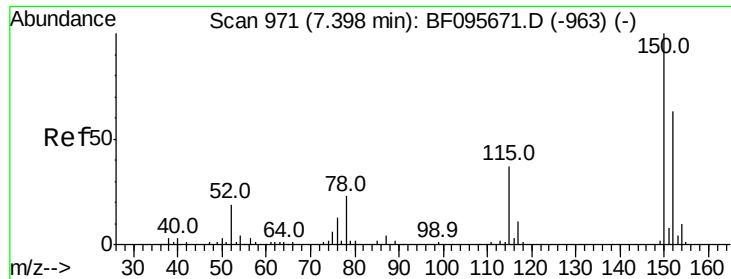
Instrument :
BNA_F
ClientSampleId :
SB-8(7-9)20170604

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:54 PM

Quant Time: Jun 08 11:40:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration





#1

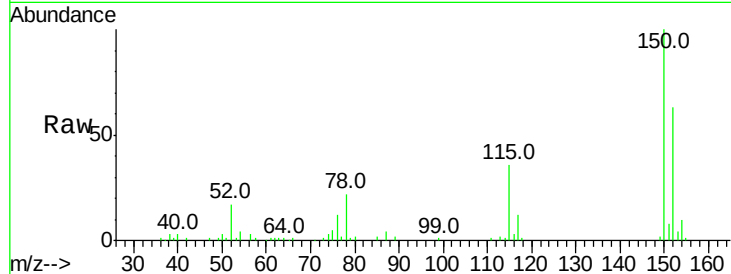
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :
SB-8(7-9)20170604

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	57.0	52.2	78.2

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:54 PM

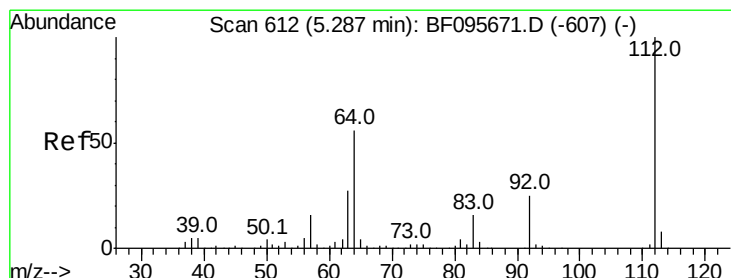
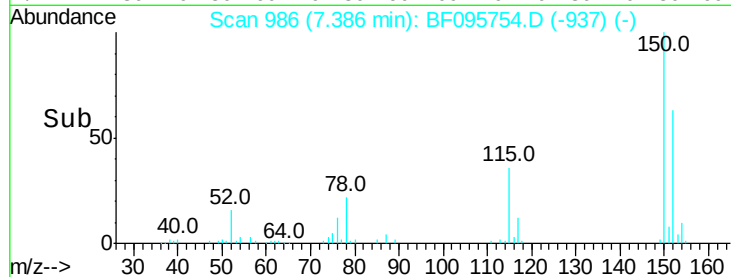
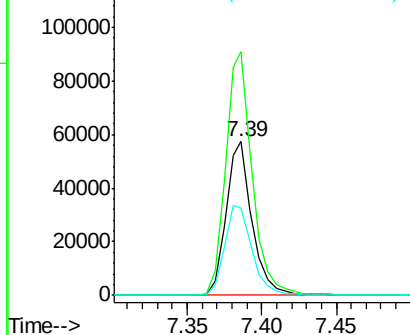


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

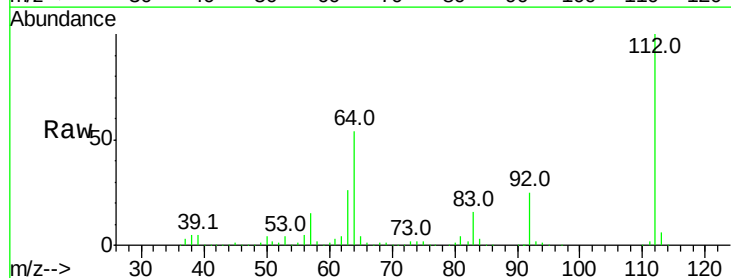
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 149.93 ng
RT: 5.29 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	25.8	23.4	35.0

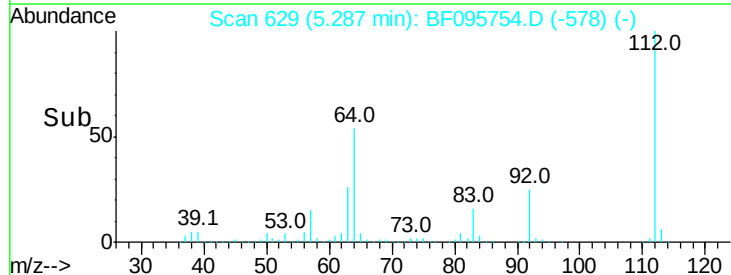
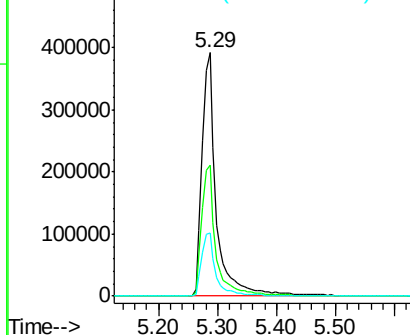


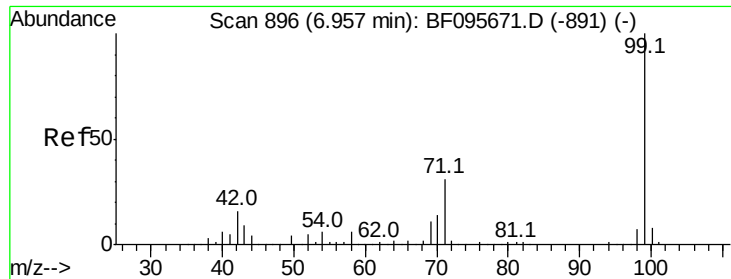
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 152.03 ng

RT: 6.97 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

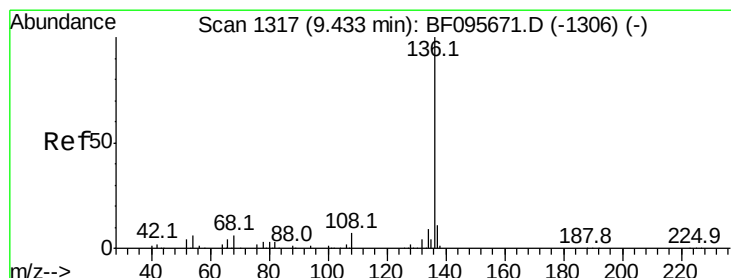
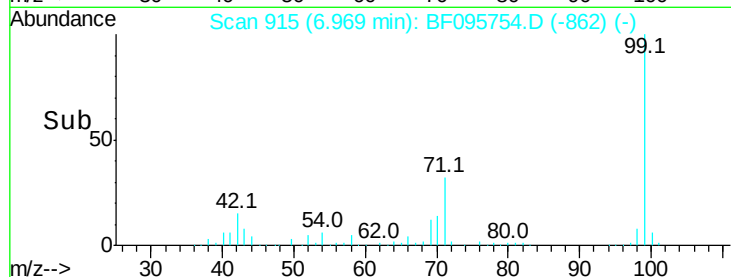
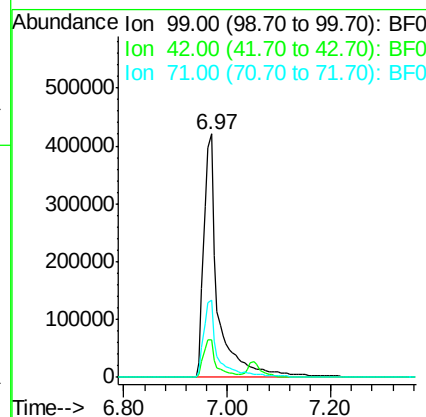
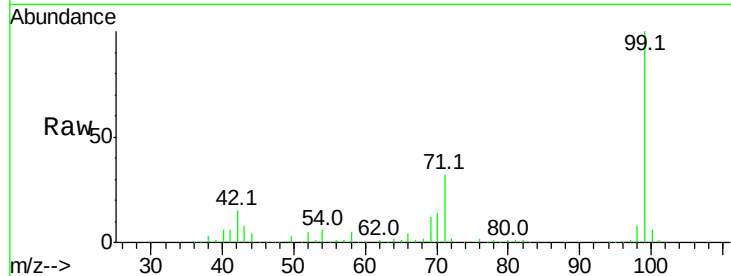
ClientSampleId :

SB-8(7-9)20170604

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		802608		
42	15.5	13.5	20.3		
71	31.8	24.5	36.7		

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:54 PM



#21

Naphthalene-d8

Concen: 20.00 ng

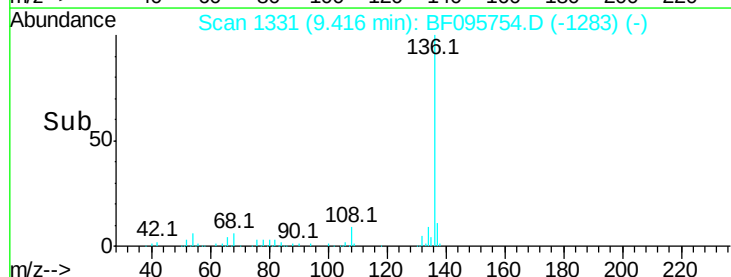
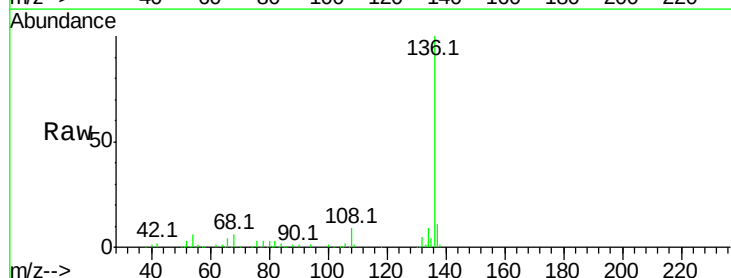
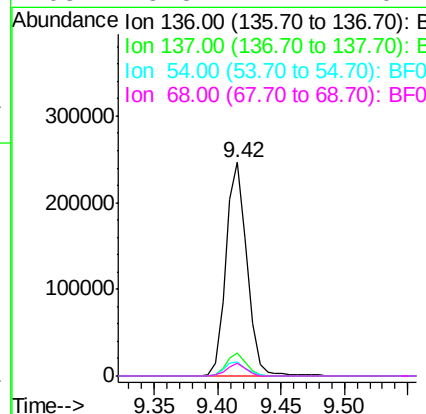
RT: 9.42 min Scan# 1331

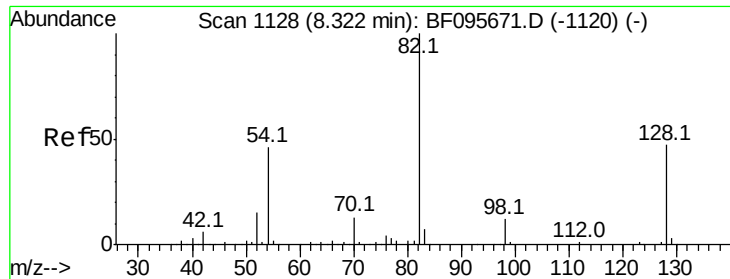
Delta R.T. -0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		283096		
137	10.9	8.5	12.7		
54	6.4	4.9	7.3		
68	5.8	4.1	6.1		





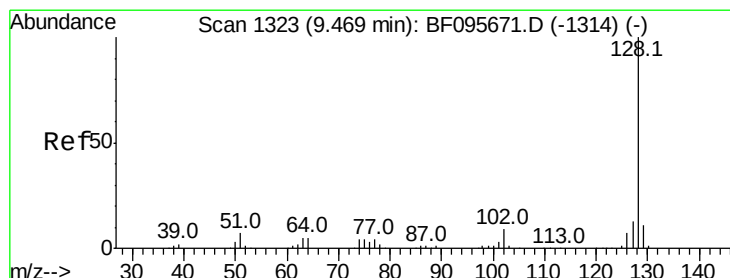
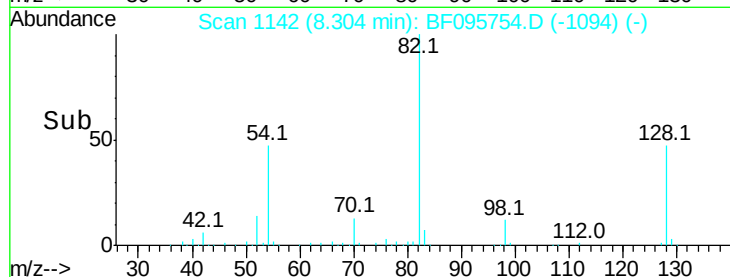
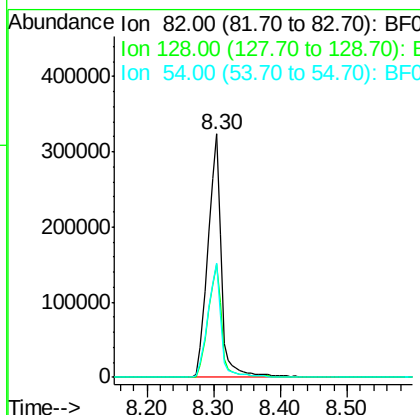
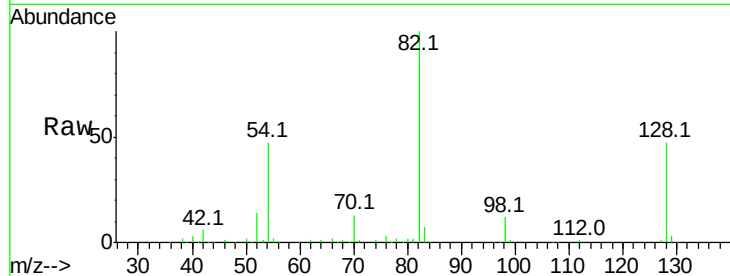
#23
Nitrobenzene-d5
Concen: 100.16 ng
RT: 8.30 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :
SB-8(7-9)20170604

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	34.0	51.0	
54	46.9	42.2	63.2	

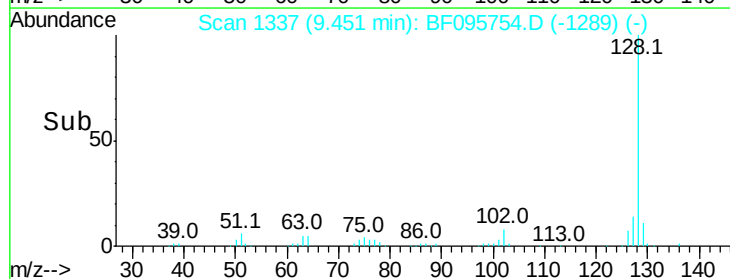
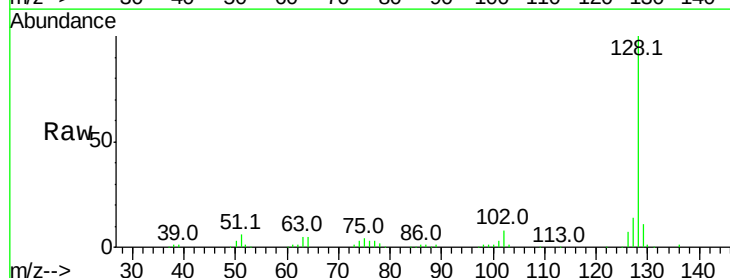
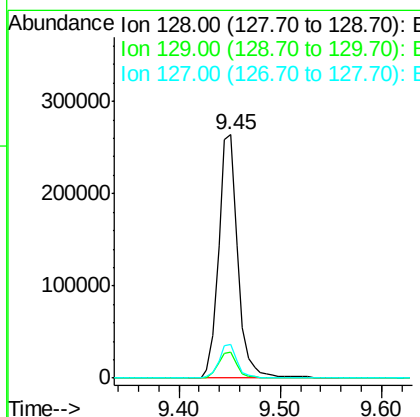
Manual Integrations
APPROVED

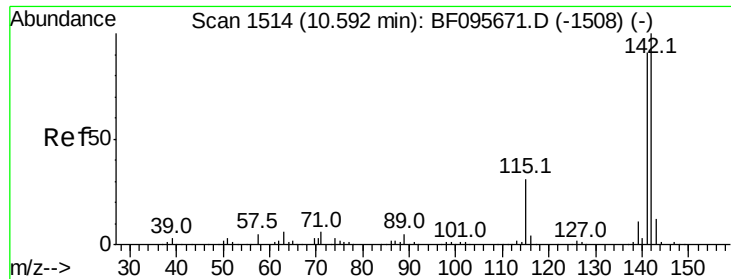
mohammad
6/8/2017 12:18:54 PM



#31
Naphthalene
Concen: 24.32 ng
RT: 9.45 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	9.0	13.6	
127	13.6	10.8	16.2	





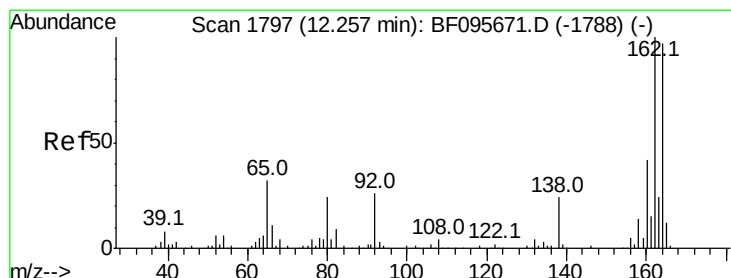
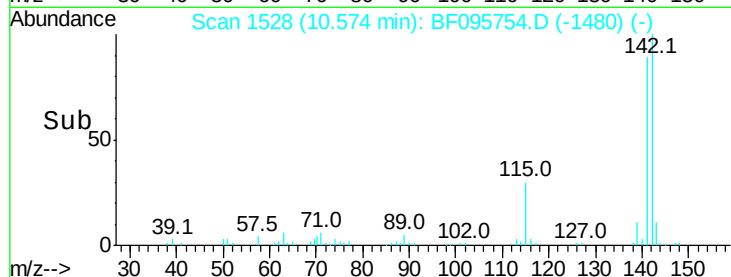
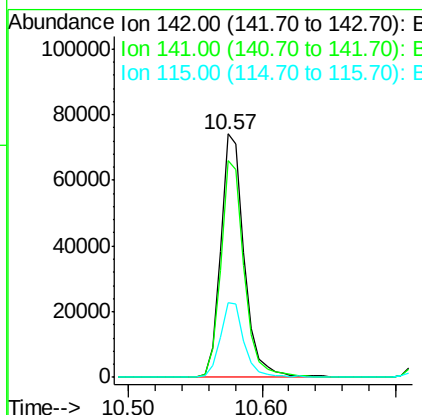
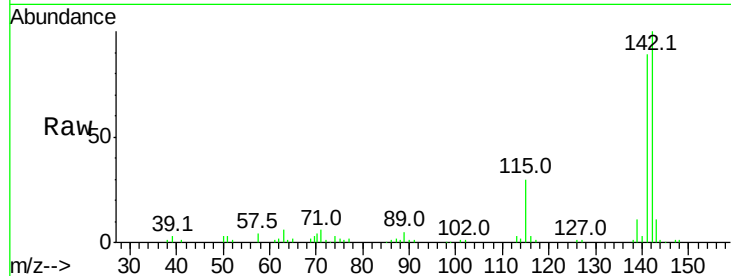
#37
2-Methylnaphthalene
Concen: 9.56 ng
RT: 10.57 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :
SB-8(7-9)20170604

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	30.5	27.1	40.7

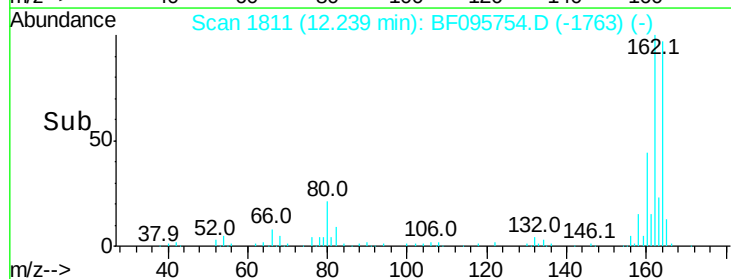
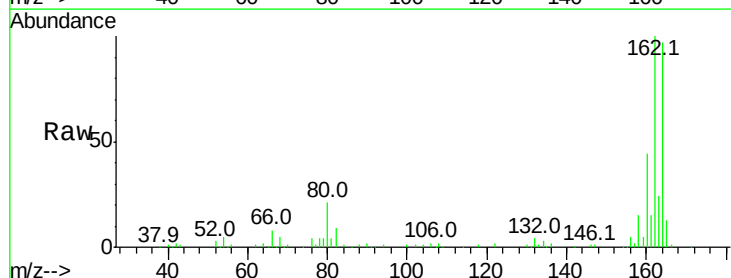
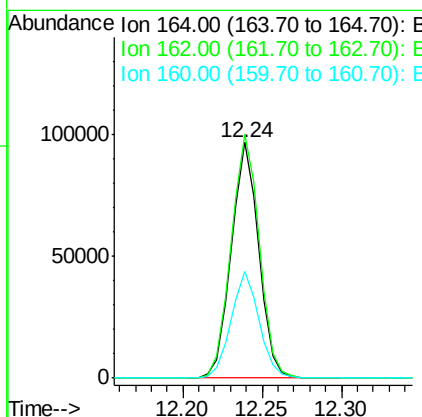
Manual Integrations
APPROVED

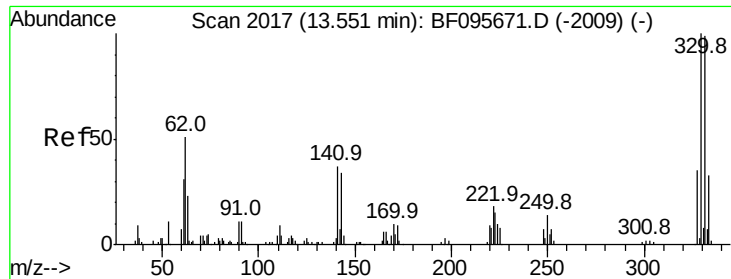
mohammad
6/8/2017 12:18:54 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	45.3	36.2	54.2





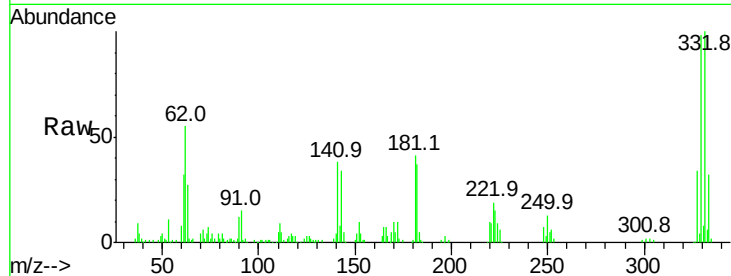
#41
 2,4,6-Tribromophenol
 Concen: 124.78 ng
 RT: 13.54 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(7-9)20170604

Tot Ion	Ratio	Resp	Lower	Upper
330	100	127482		
332	98.4	76.6	115.0	
141	39.3	31.4	47.2	

Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:54 PM

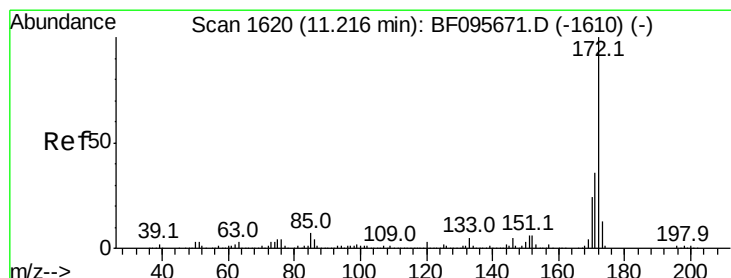
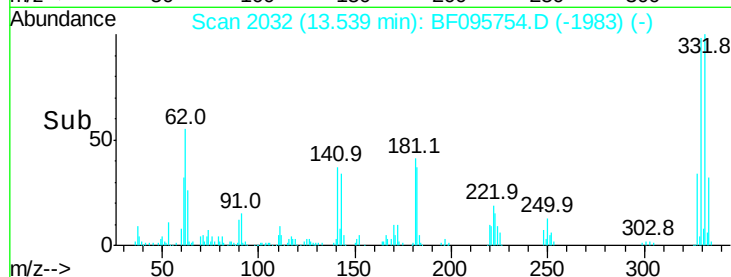
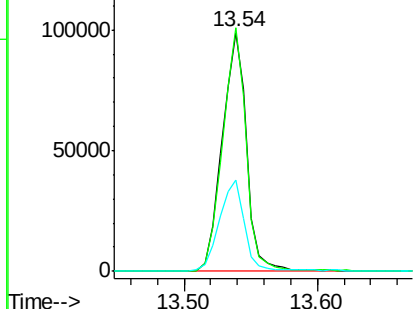


Abundance

Ion 329.80 (329.50 to 330.50): E

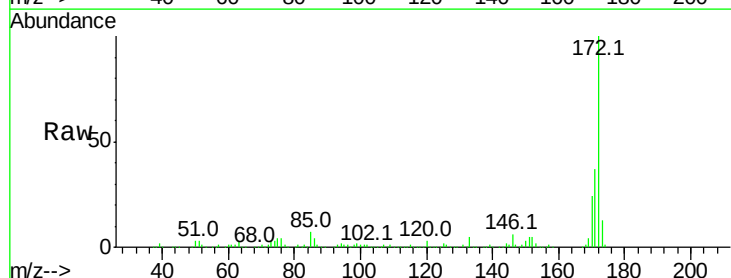
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.64 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	760414		
171	36.6	29.6	44.4	
170	23.9	19.8	29.8	

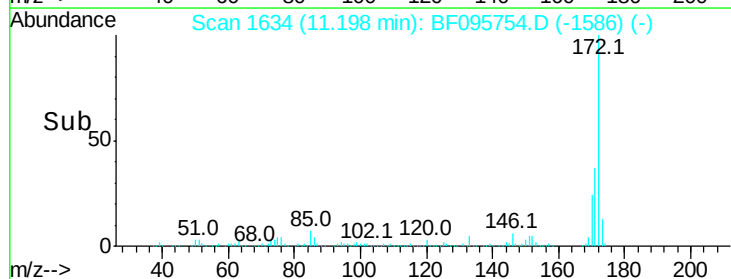
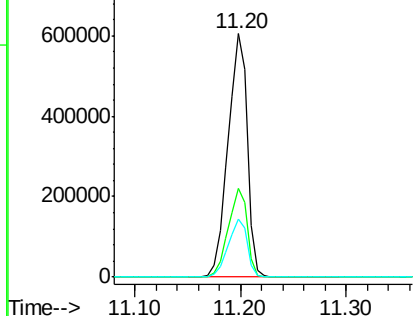


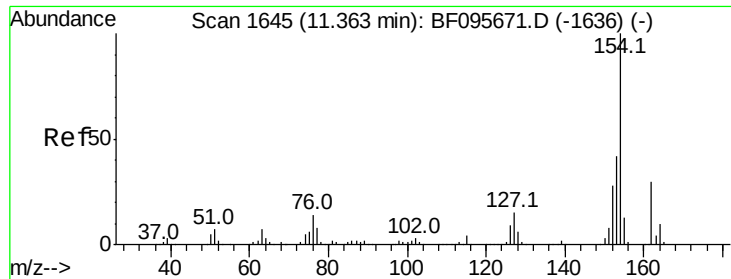
Abundance

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





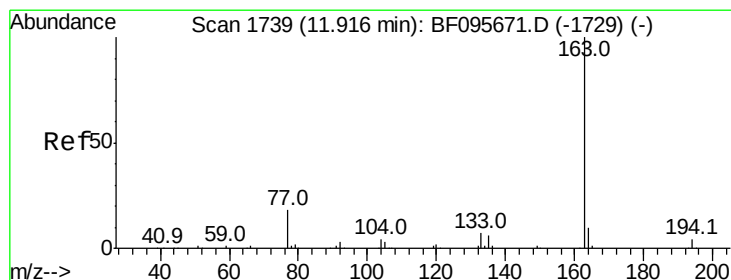
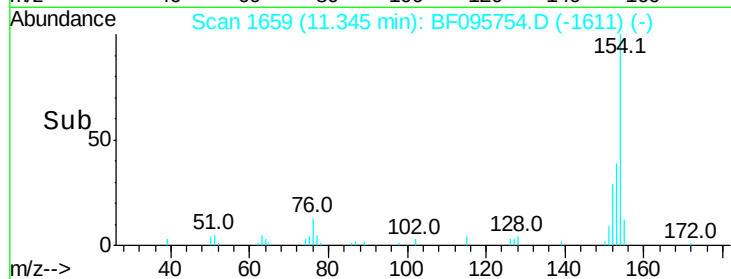
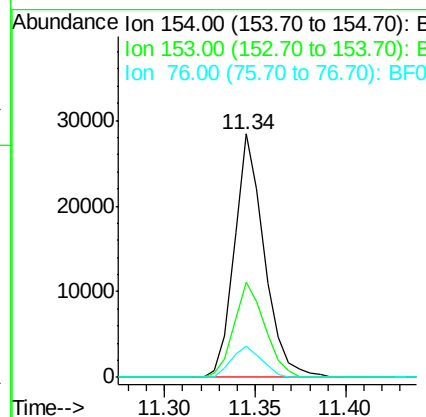
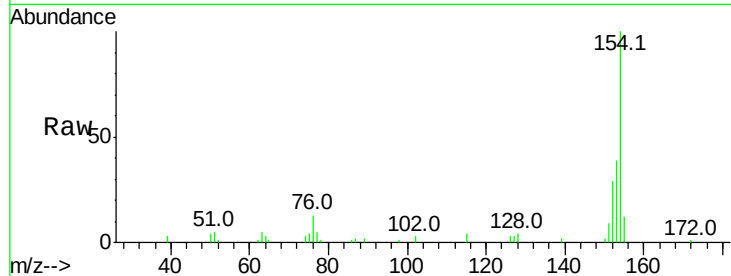
#45
 1,1'-Biphenyl
 Concen: 3.42 ng
 RT: 11.34 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(7-9)20170604

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.1	21.2	61.2
76	12.7	0.0	29.9

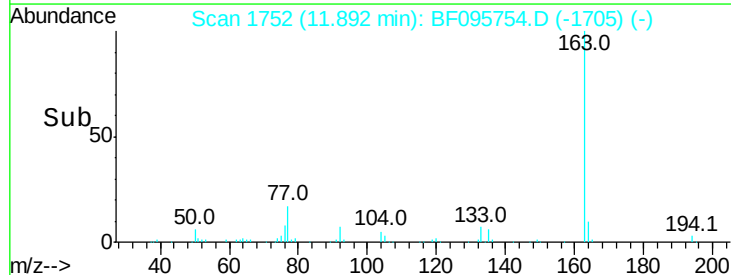
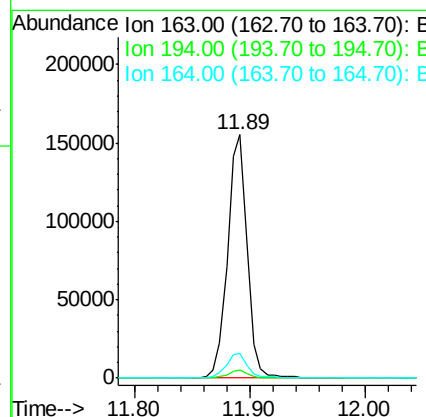
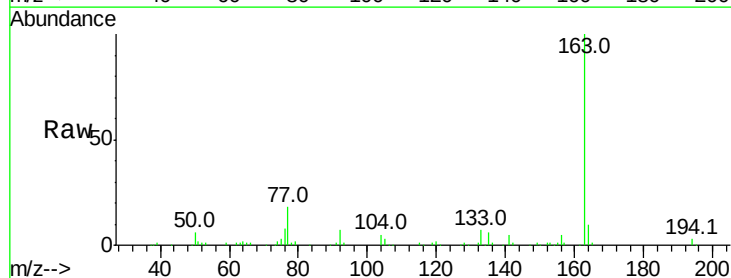
Manual Integrations
 APPROVED

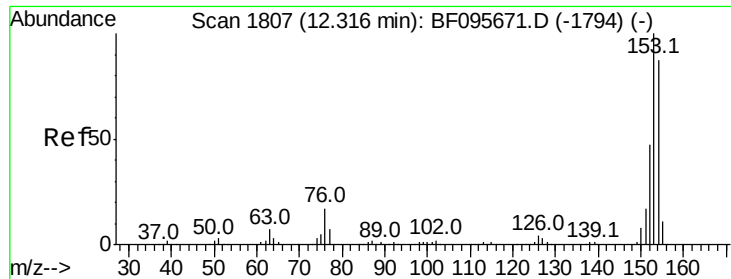
mohammad
 6/8/2017 12:18:54 PM



#49
 Dimethylphthalate
 Concen: 20.67 ng
 RT: 11.89 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6





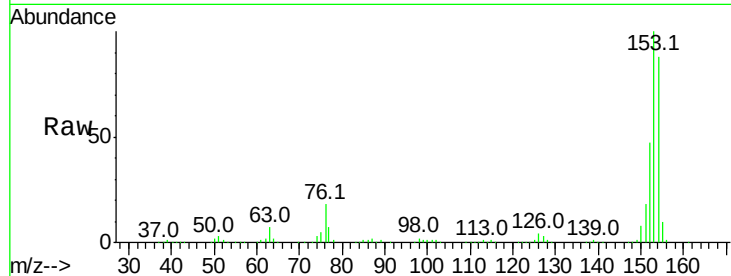
#51
Acenaphthene
Concen: 58.99 ng
RT: 12.30 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :
SB-8(7-9)20170604

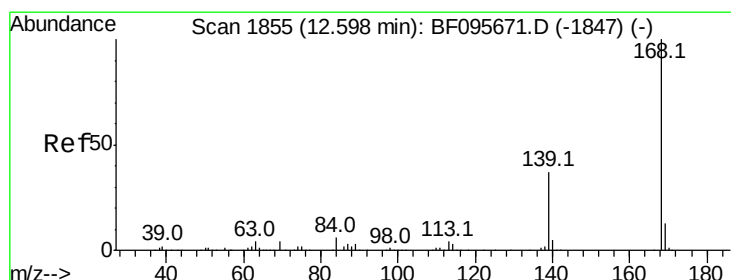
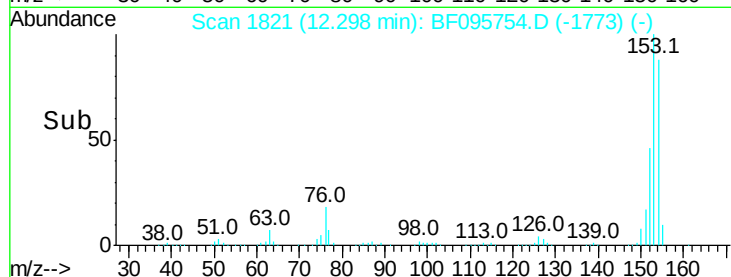
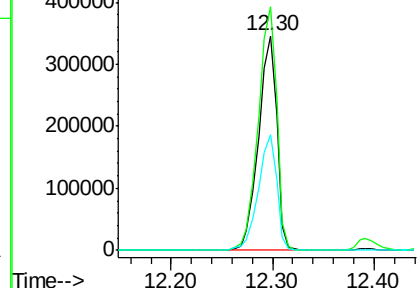
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	53.7	43.6	65.4

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:54 PM

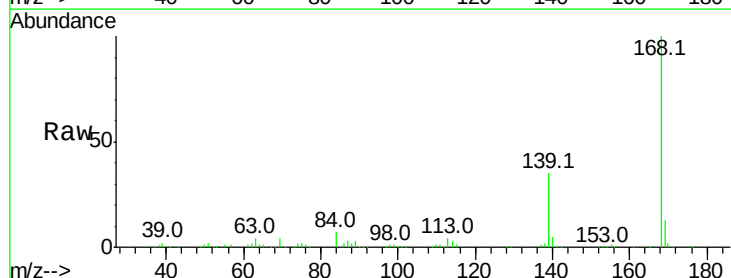


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

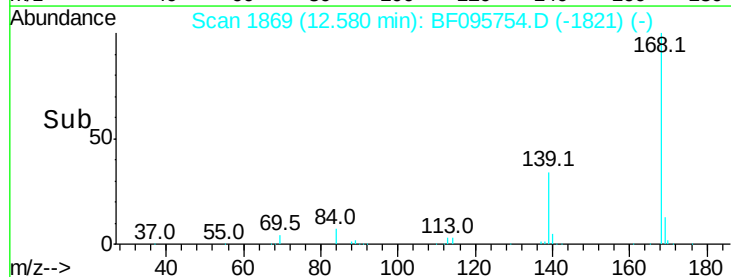
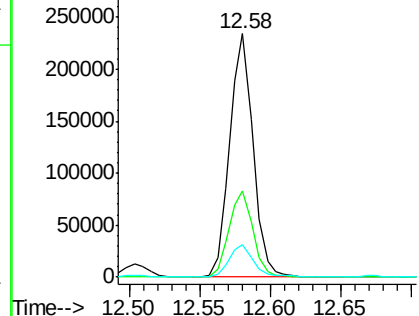


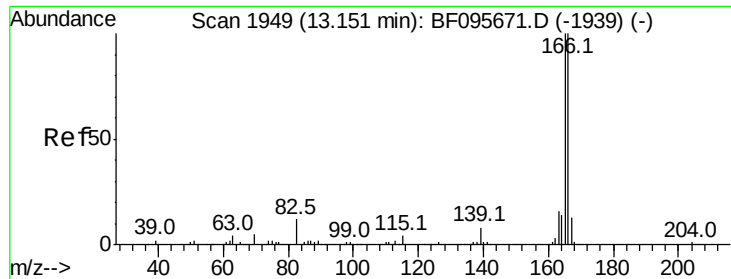
#54
Dibenzofuran
Concen: 26.16 ng
RT: 12.58 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	30.6	45.8
169	13.1	10.8	16.2



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





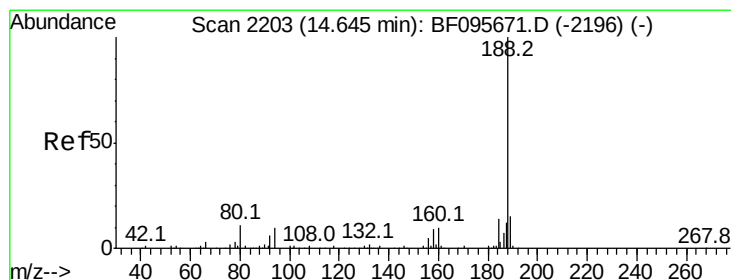
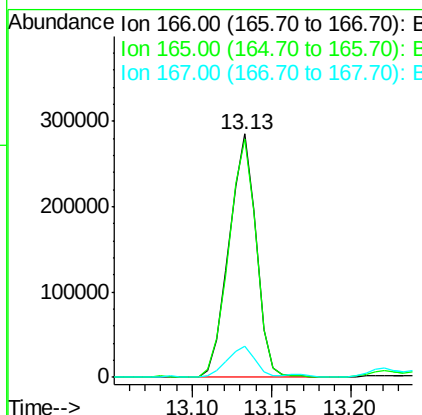
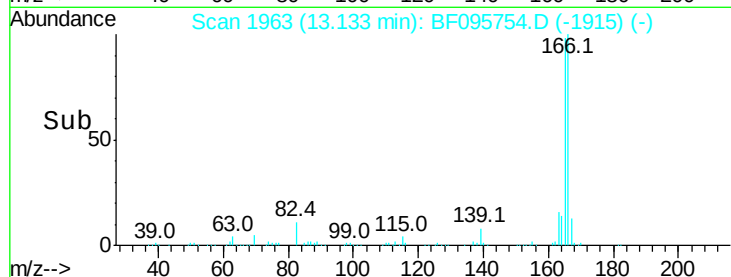
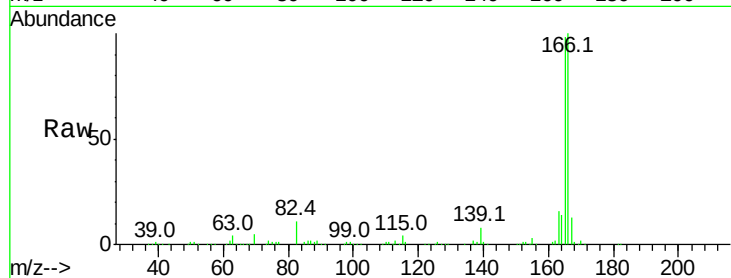
#57
 Fluorene
 Concen: 37.75 ng
 RT: 13.13 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(7-9)20170604

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.8	118.2
167	12.8	10.6	16.0

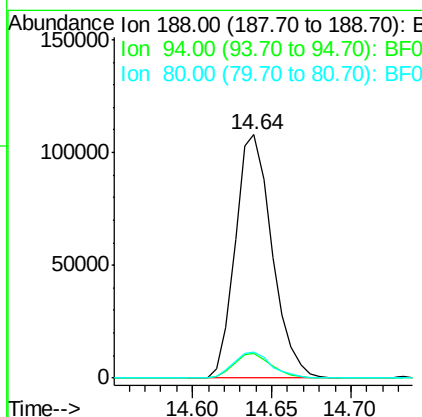
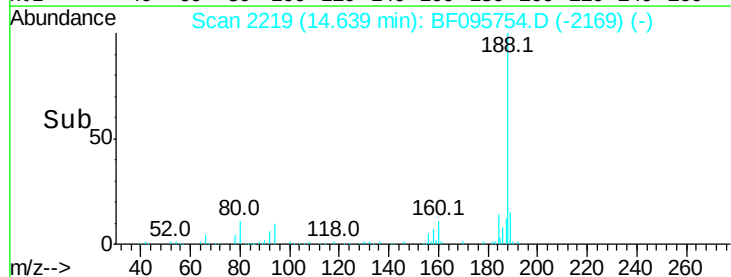
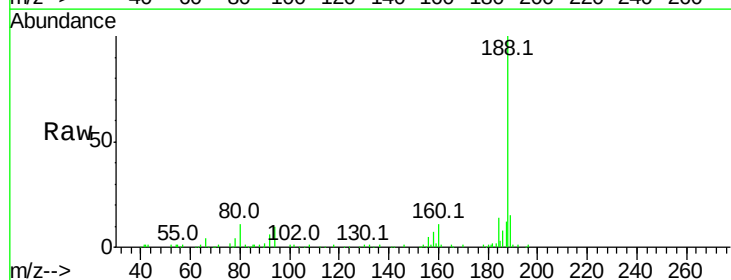
Manual Integrations
 APPROVED

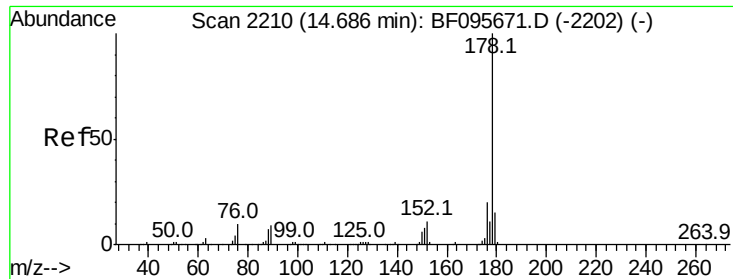
mohammad
 6/8/2017 12:18:54 PM



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.7	10.2	15.2





#70

Phenanthrene

Concen: 223.75 ng

RT: 14.70 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampleId :

SB-8(7-9)20170604

Tot Ion:178 Resp: 2233435

Ion Ratio Lower Upper

178 100

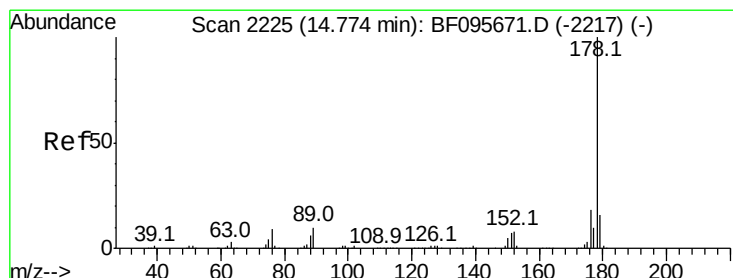
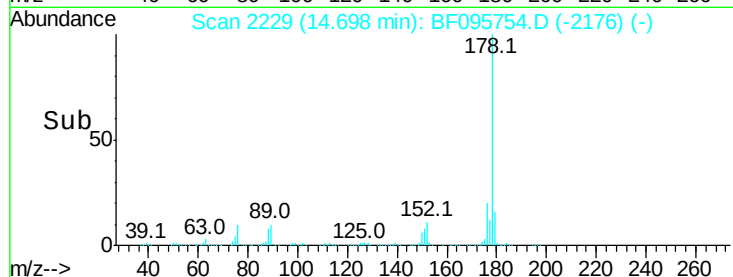
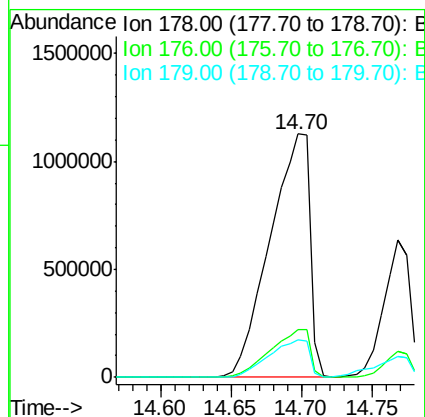
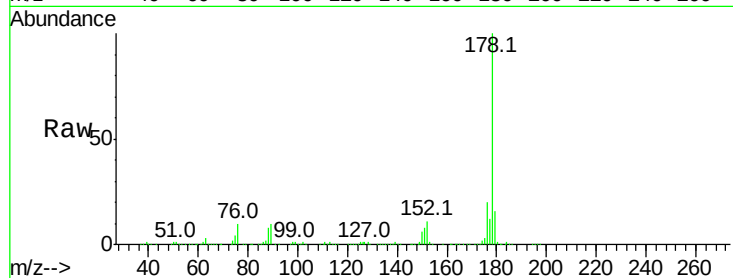
176 19.5 16.2 24.4

179 15.6 12.6 19.0

Manual Integrations
APPROVED

mohammad

6/8/2017 12:18:54 PM



#71

Anthracene

Concen: 78.80 ng

RT: 14.77 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

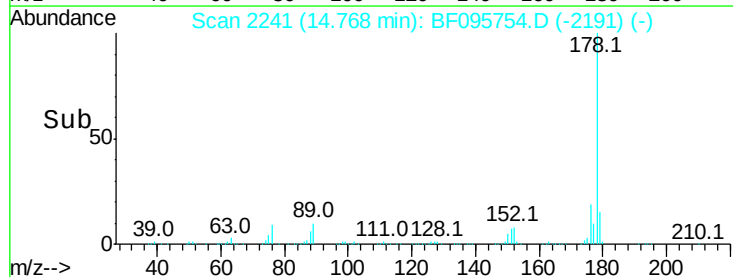
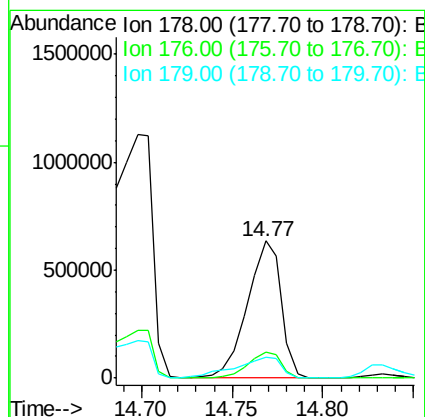
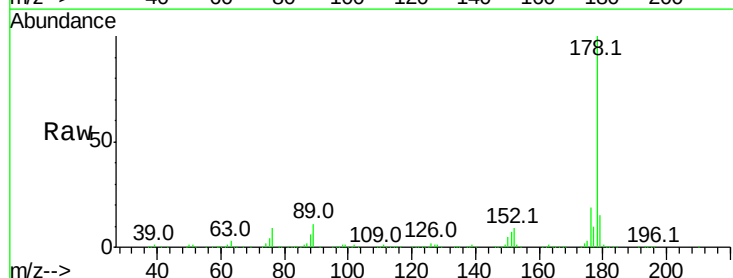
Tgt Ion:178 Resp: 821166

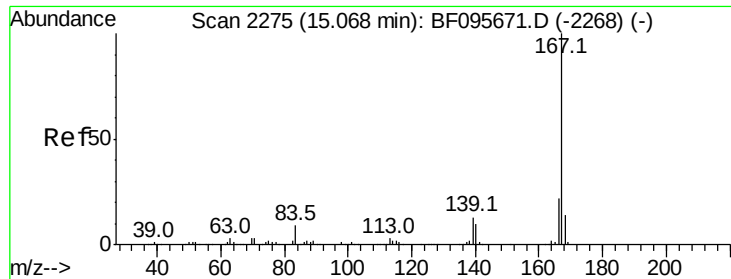
Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

179 15.4 12.7 19.1





#72

Carbazole

Concen: 35.35 ng

RT: 15.06 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

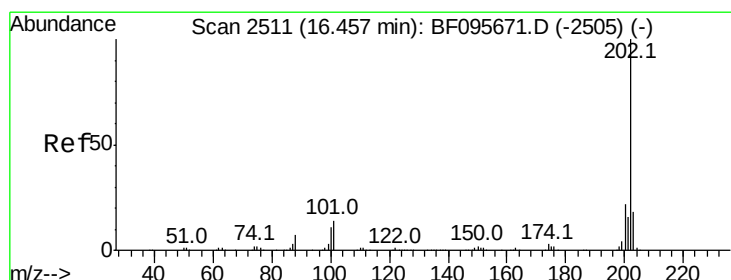
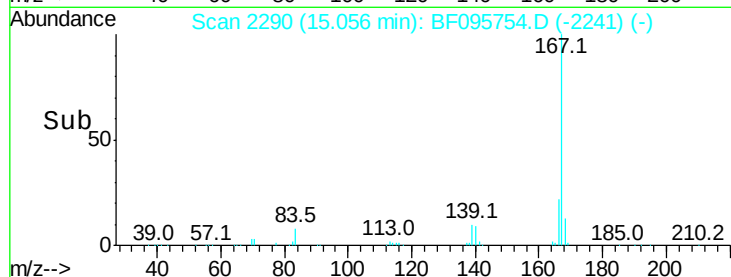
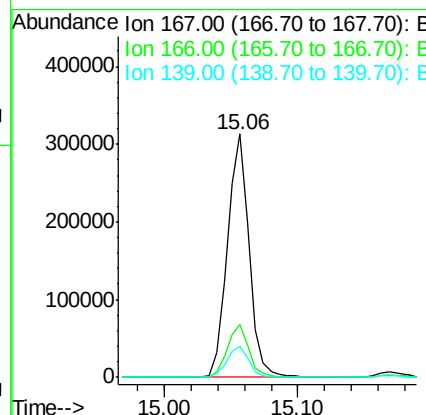
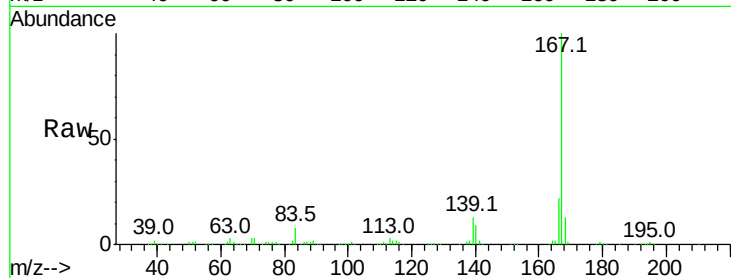
ClientSampleId :

SB-8(7-9)20170604

Tot Ion:	167	Resp:	358936
Ion Ratio	Lower	Upper	
167	100		
166	21.8	18.1	27.1
139	12.8	11.7	17.5

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:54 PM



#74

Fluoranthene

Concen: 230.01 ng

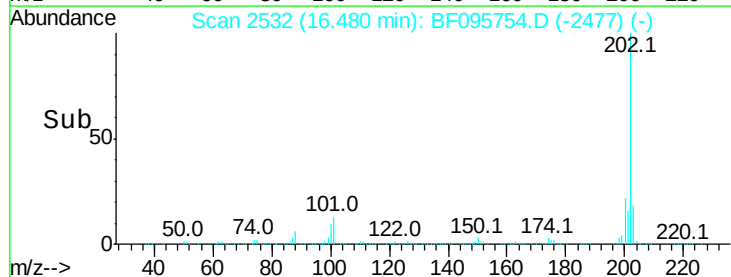
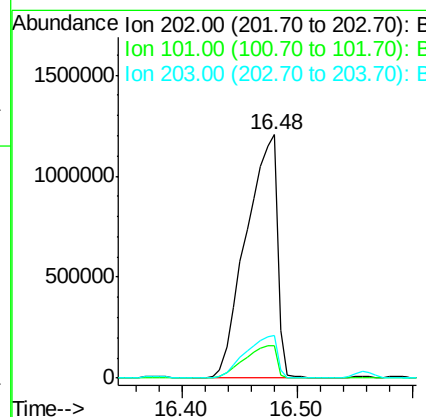
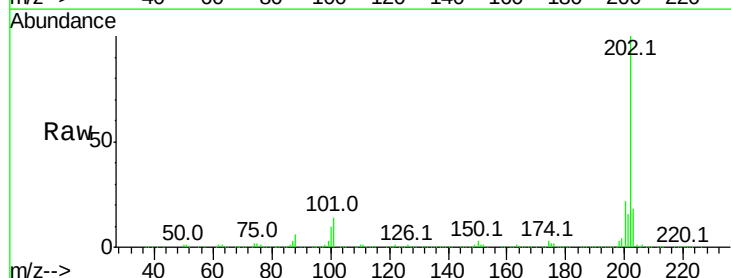
RT: 16.48 min Scan# 2532

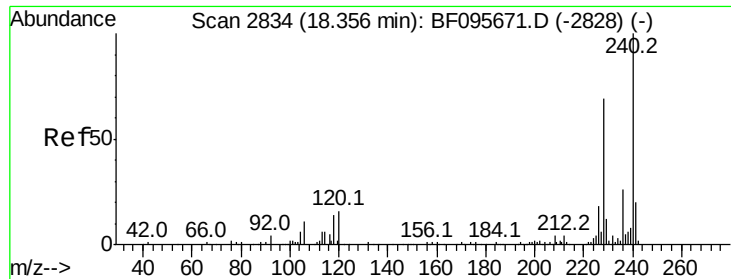
Delta R.T. 0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Tgt Ion:	202	Resp:	2272424
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.36 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

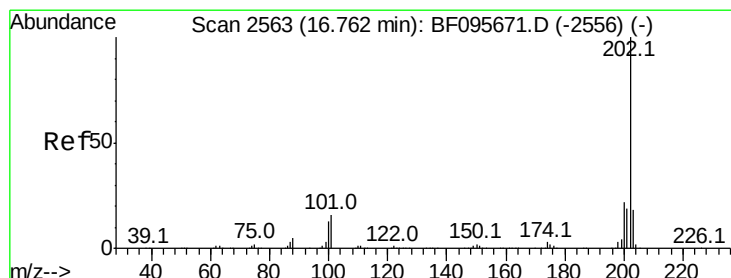
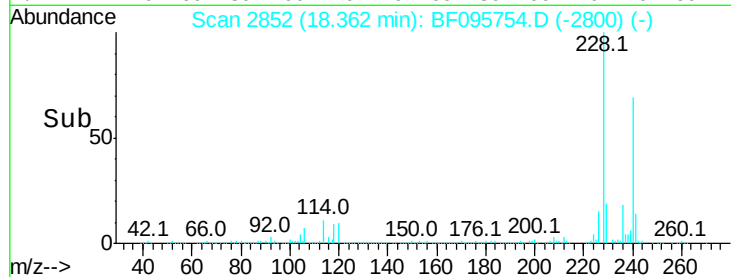
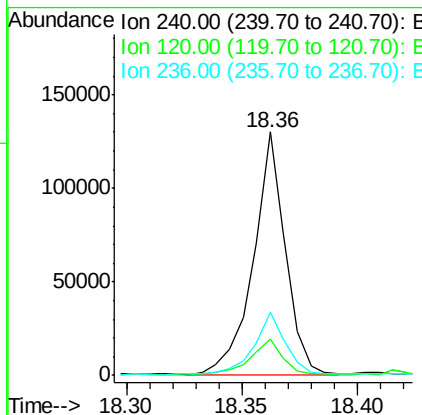
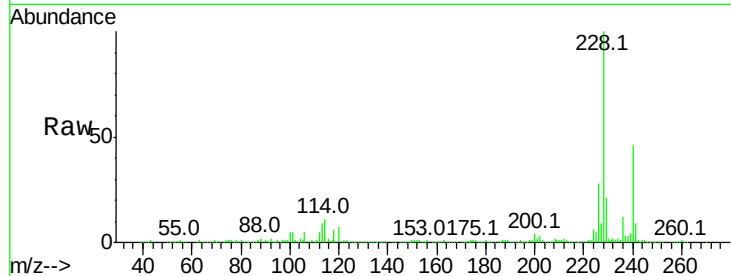
ClientSampleId :

SB-8(7-9)20170604

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.9	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:54 PM



#77

Pyrene

Concen: 202.73 ng

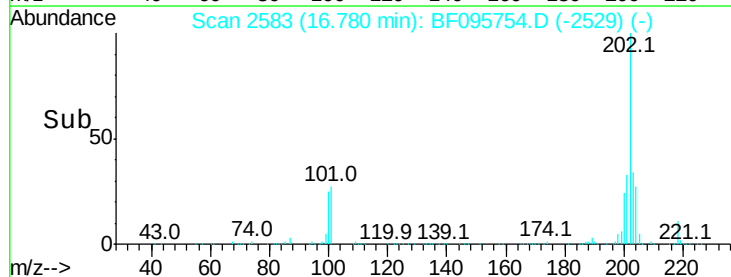
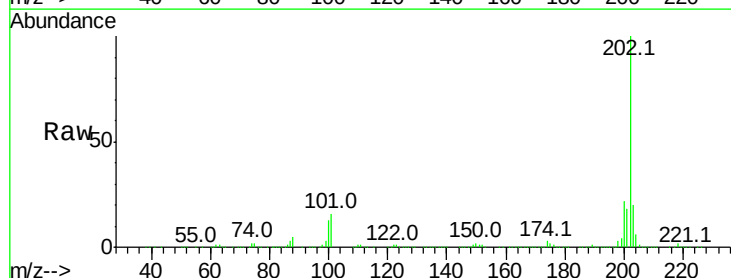
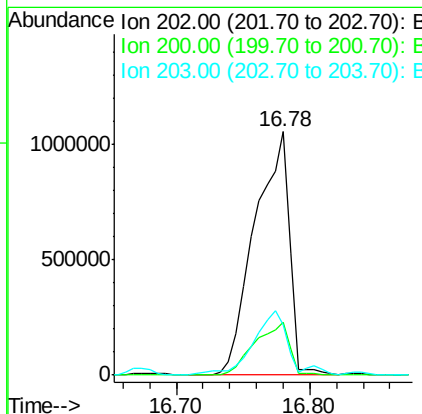
RT: 16.78 min Scan# 2583

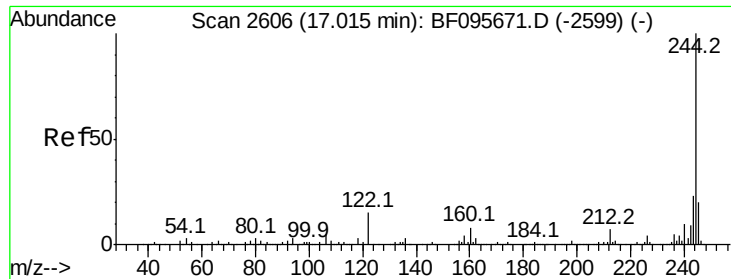
Delta R.T. 0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	20.5	14.4	21.6





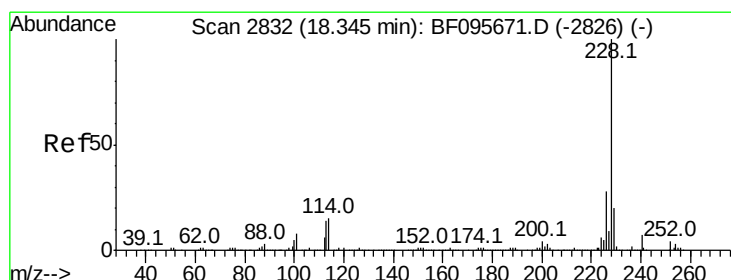
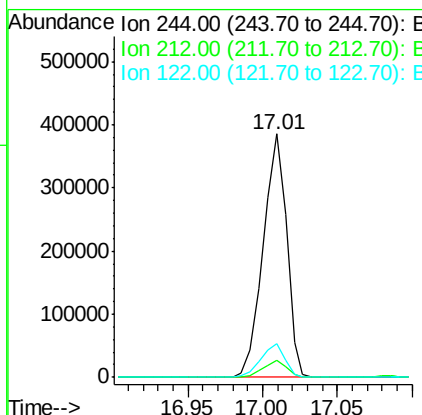
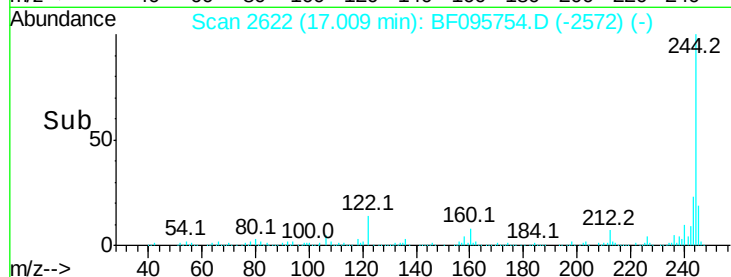
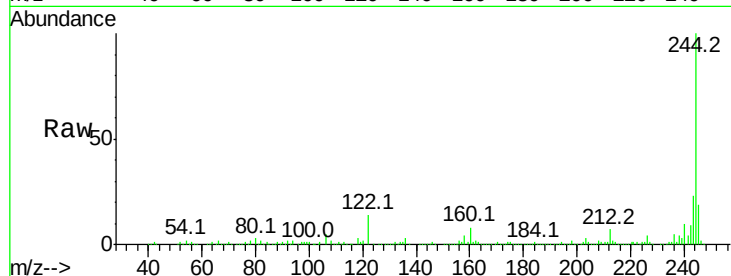
#78
 Terphenyl-d14
 Concen: 83.01 ng
 RT: 17.01 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(7-9)20170604

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.8	10.3	15.5

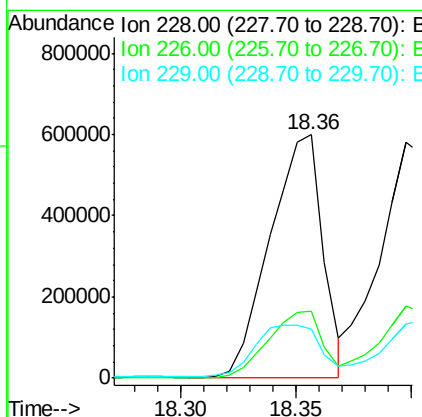
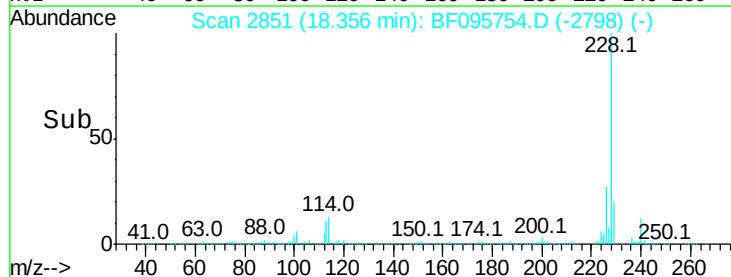
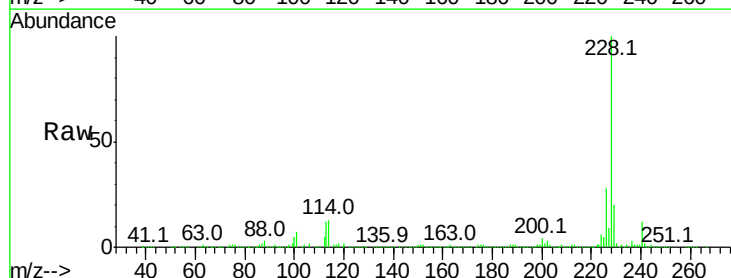
Manual Integrations
 APPROVED

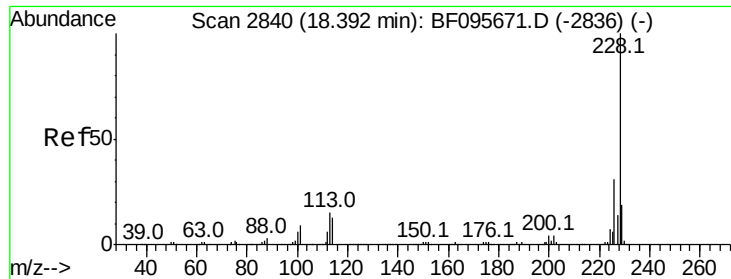
mohammad
 6/8/2017 12:18:54 PM



#80
 Benzo(a)anthracene
 Concen: 130.20 ng
 RT: 18.36 min Scan# 2851
 Delta R.T. 0.01 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.3	16.3	24.5





#82

Chrysene

Concen: 110.54 ng/mL

RT: 18.40 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

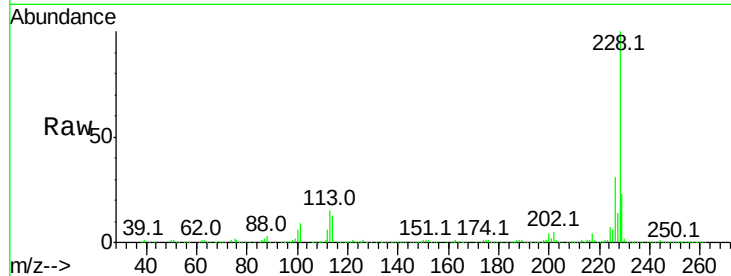
ClientSampleID :

SB-8(7-9)20170604

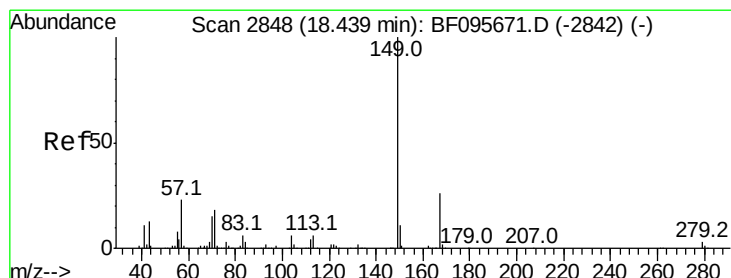
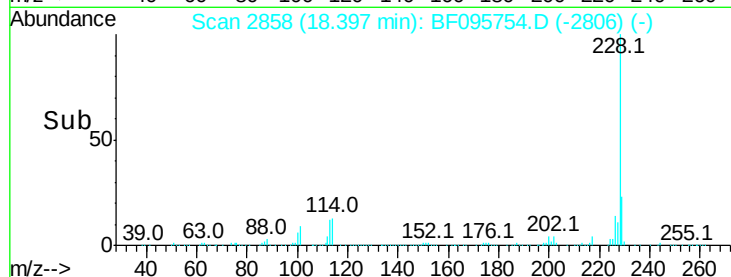
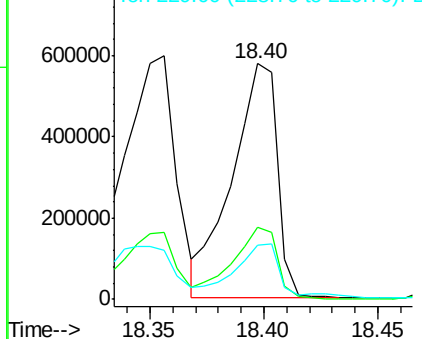
Tot Ion:	228	Resp:	802337
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.9	37.3
229	23.2	15.8	23.6

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:54 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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.44 ng

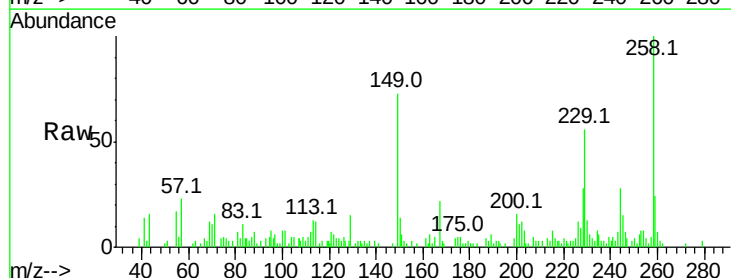
RT: 18.43 min Scan# 2864

Delta R.T. -0.01 min

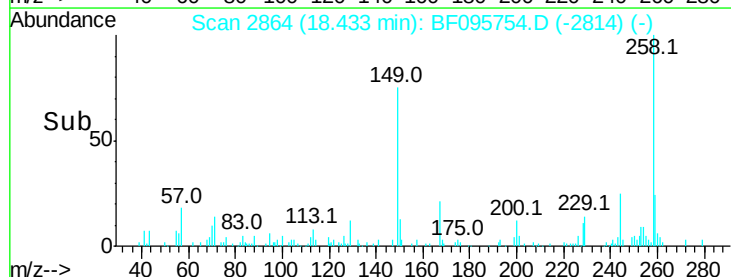
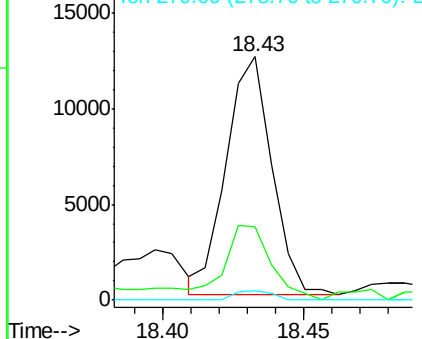
Lab File: BF095754.D

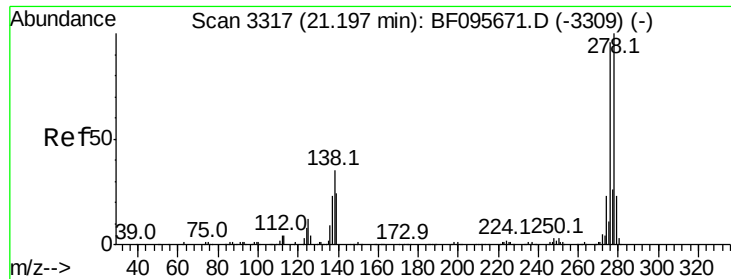
Acq: 7 Jun 2017 19:31

Tgt Ion:	149	Resp:	13989
Ion Ratio	Lower	Upper	
149	100		
167	30.0	21.0	31.4
279	3.9	1.9	2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





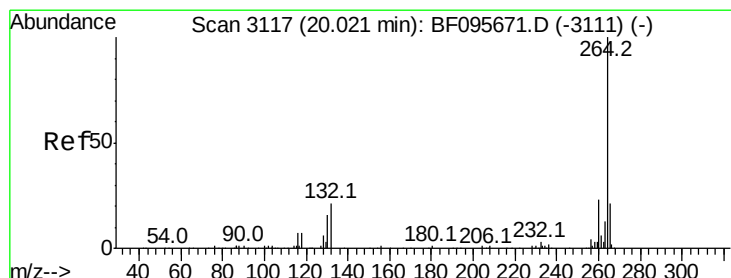
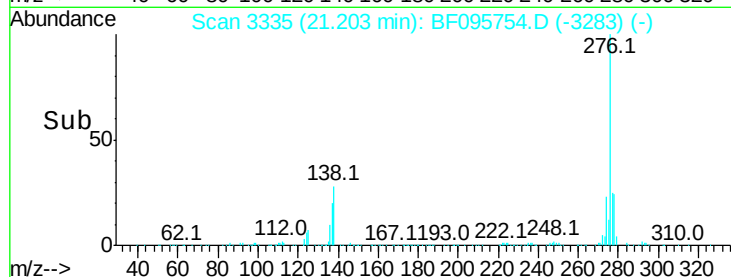
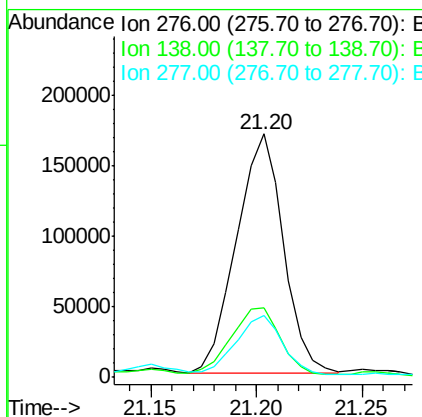
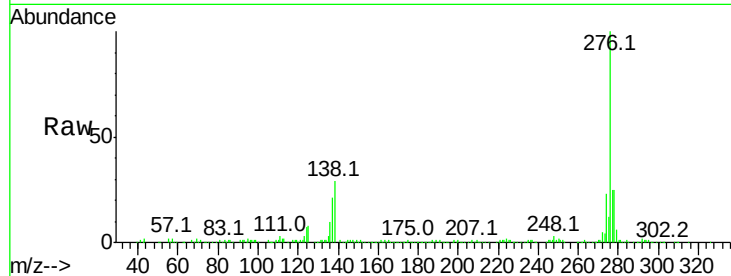
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.85 ng
RT: 21.20 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :
SB-8(7-9)20170604

Tot Ion	Ratio	Resp	Lower	Upper
276	100	259908		
138	30.9		27.8	41.6
277	25.3		20.2	30.4

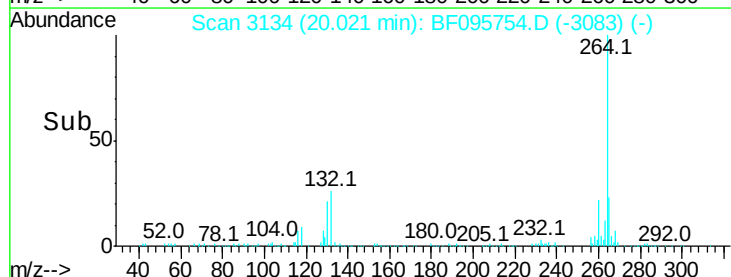
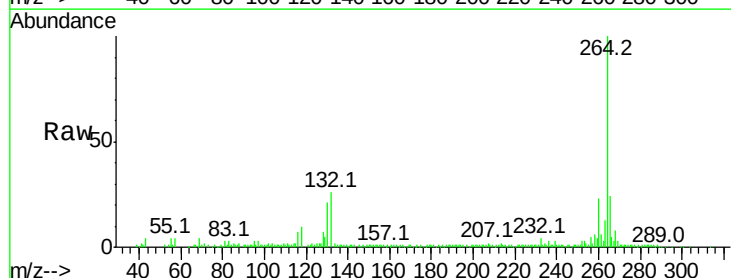
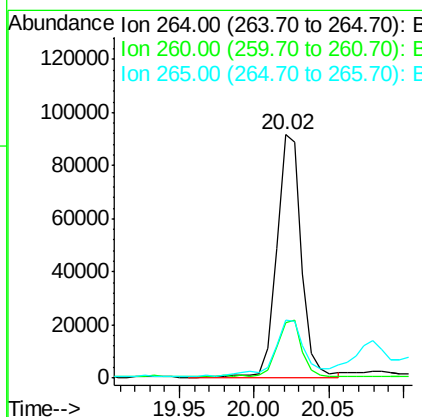
Manual Integrations
APPROVED

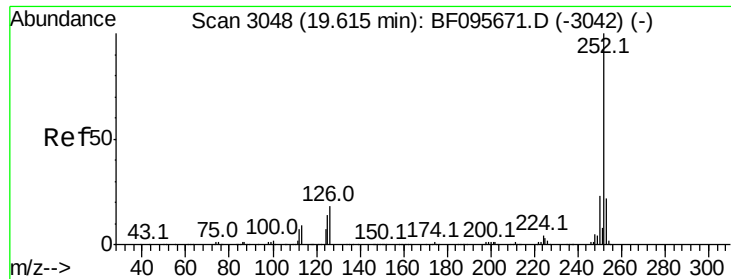
mohammad
6/8/2017 12:18:54 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	107030		
260	23.0		19.5	29.3
265	23.7		17.2	25.8





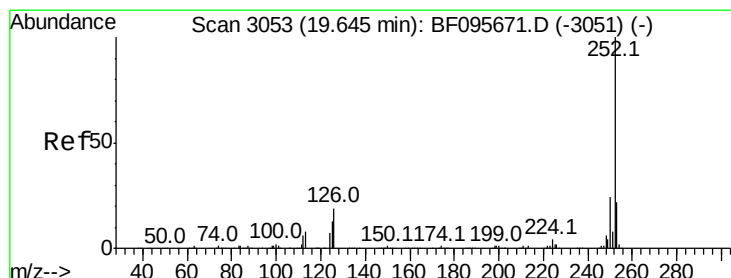
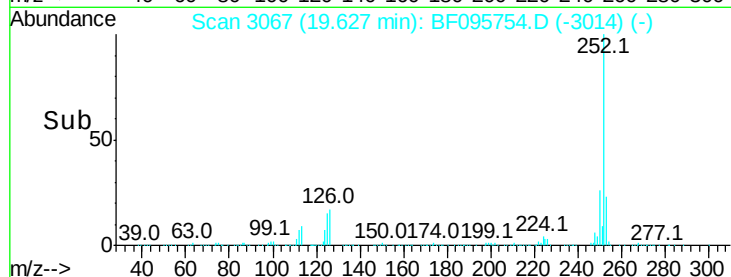
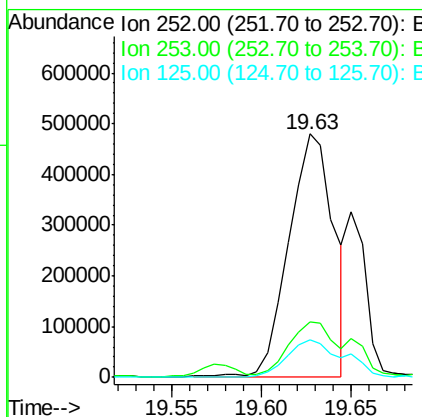
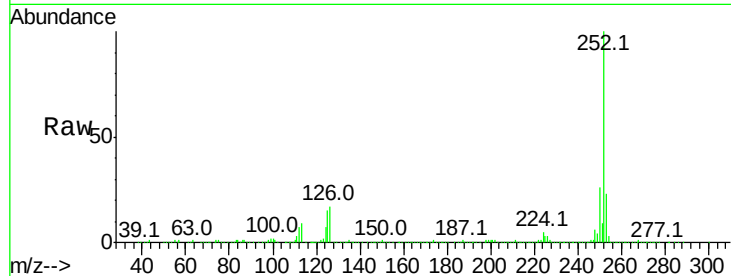
#87
Benzo(b)fluoranthene
Concen: 125.48 ng m
RT: 19.63 min Scan# 3067
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :
SB-8(7-9)20170604

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	15.3	9.8	14.8

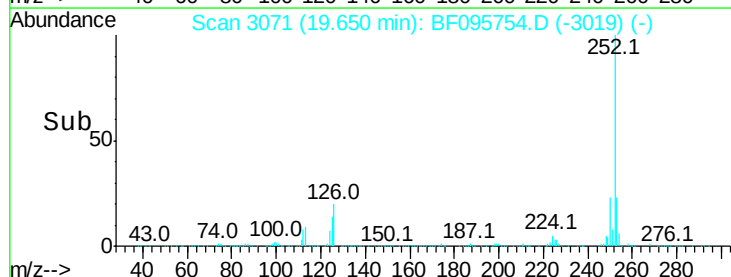
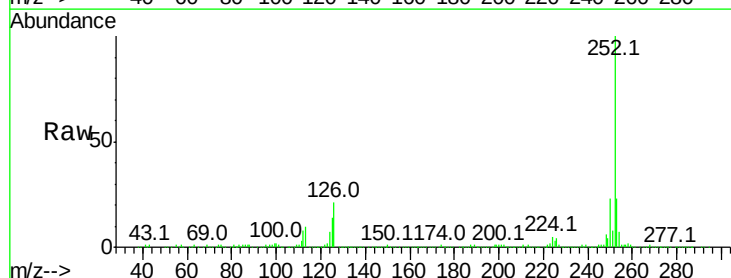
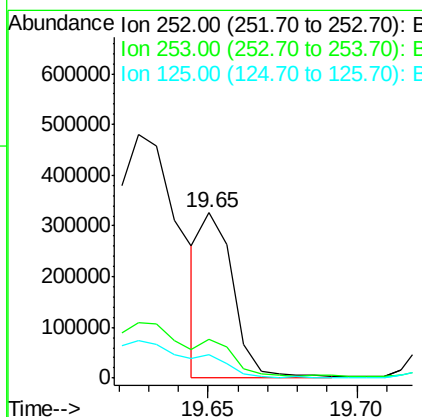
Manual Integrations
APPROVED

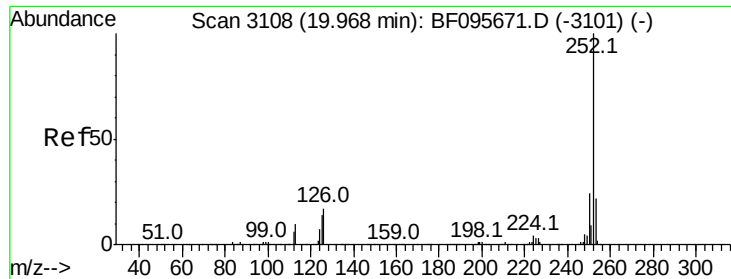
mohammad
6/8/2017 12:18:54 PM



#88
Benzo(k)fluoranthene
Concen: 38.07 ng m
RT: 19.65 min Scan# 3071
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	14.5	13.1	19.7





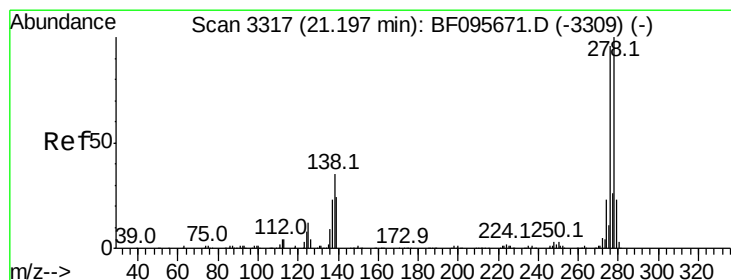
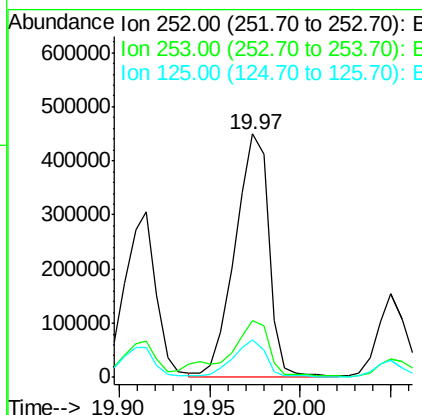
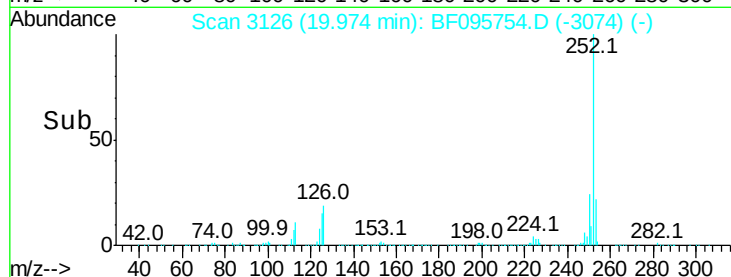
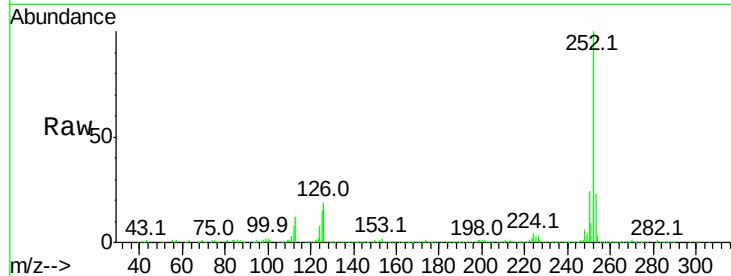
#89
Benzo(a)pyrene
Concen: 94.26 ng
RT: 19.97 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :
SB-8(7-9)20170604

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.5	26.3
125	15.4	11.0	16.4

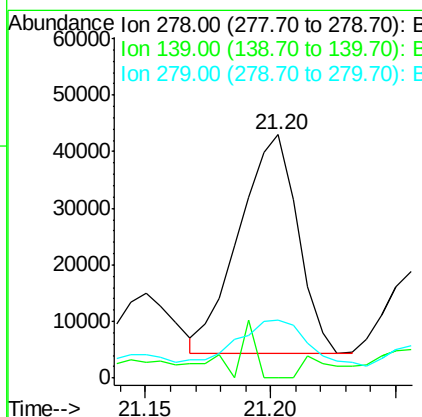
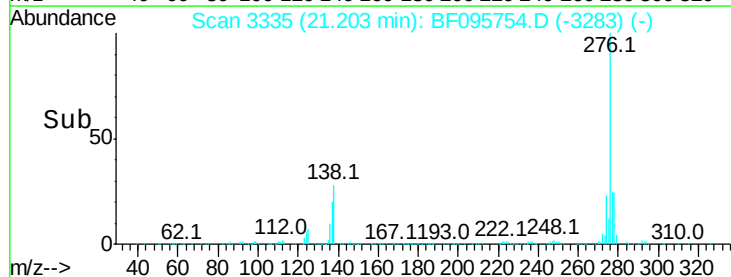
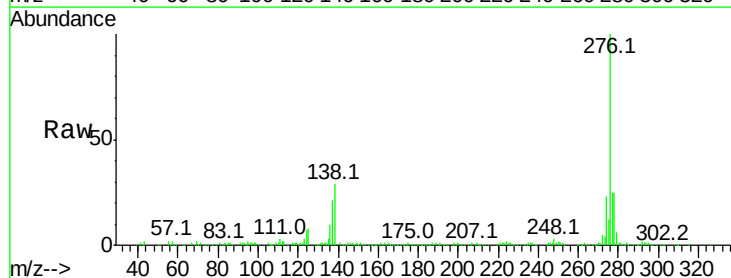
Manual Integrations
APPROVED

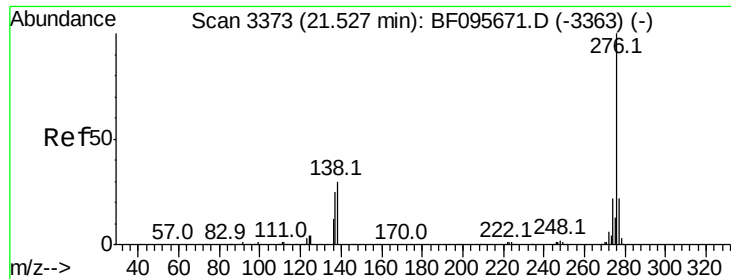
mohammad
6/8/2017 12:18:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 12.04 ng m
RT: 21.20 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	24.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.61 ng
 RT: 21.54 min Scan# 3392
 Delta R.T. 0.01 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(7-9)20170604

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	25.0	18.6	28.0
138	30.2	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:54 PM

