

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095001.D
 Acq On : 9 May 2017 2:30
 Operator : SJ/MA
 Sample : I2947-17 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-2.0

Manual Integrations
 APPROVED

mohammad
 5/9/2017 5:02:52 PM

Quant Time: May 09 07:29:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	99883	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	400249	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	147312	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	263339	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	217650	20.00	ng	-0.02
86) Perylene-d12	20.30	264	167956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	320663	53.52	ng	-0.03
7) Phenol-d6	7.24	99	392118	54.55	ng	-0.04
23) Nitrobenzene-d5	8.61	82	213442	33.63	ng	-0.03
41) 2,4,6-Tribromophenol	13.86	330	58868	48.79	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	366823	35.84	ng	-0.02
78) Terphenyl-d14	17.28	244	232356	23.51	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	12.20	163	58581	4.84	ng	96
74) Fluoranthene	16.75	202	49364	3.18	ng	97
77) Pyrene	17.05	202	47281	2.90	ng	96
87) Benzo(b)fluoranthene	19.89	252	29785m	2.87	ng	
89) Benzo(a)pyrene	20.25	252	21135	2.21	ng	# 95

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

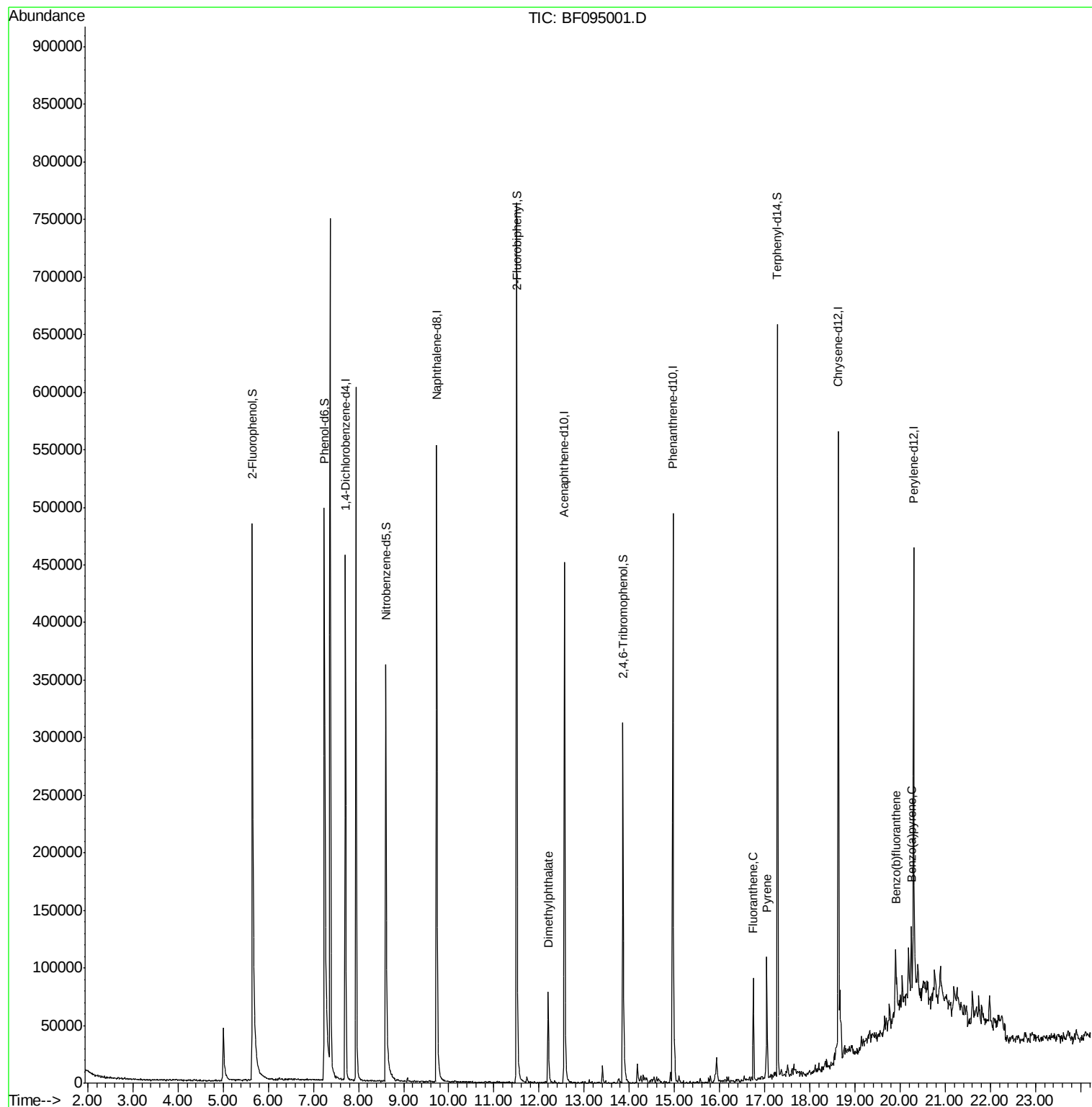
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095001.D
Acq On : 9 May 2017 2:30
Operator : SJ/MA
Sample : I2947-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

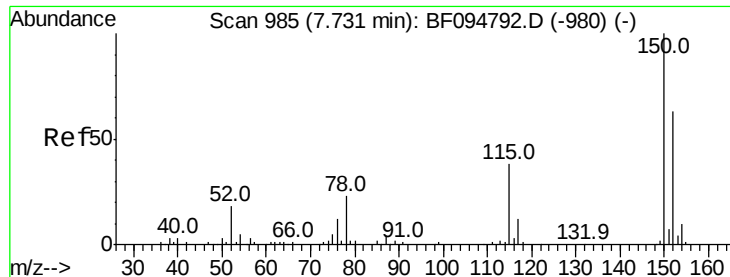
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

Manual Integrations
APPROVED

mohammad
5/9/2017 5:02:52 PM

Quant Time: May 09 07:29:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration





#1

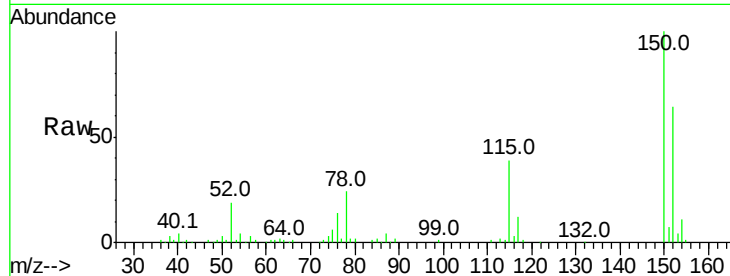
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

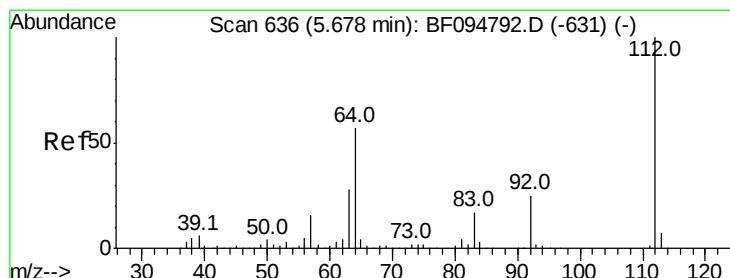
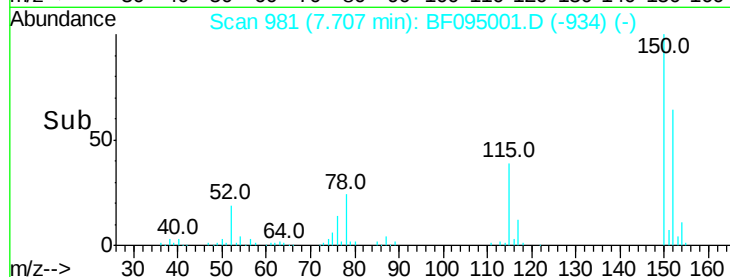
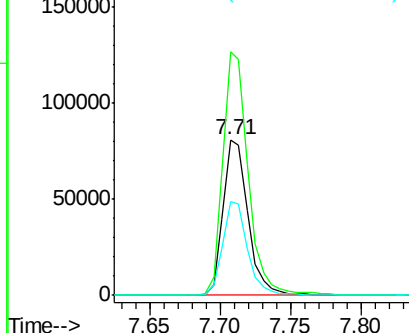
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	60.5	52.2	78.2

Manual Integrations
APPROVED

mohammad
5/9/2017 5:02:52 PM



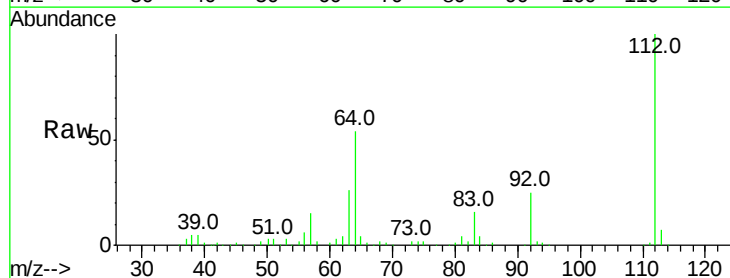
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



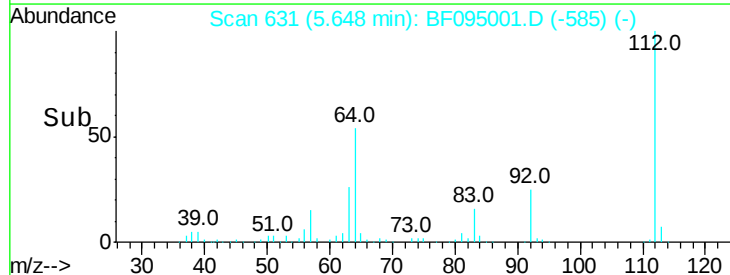
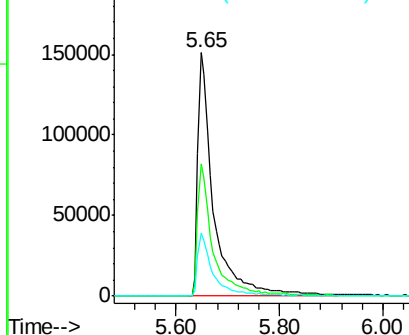
#5

2-Fluorophenol
Concen: 53.52 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	25.9	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: 54.55 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.04 min

Lab File: BF095001.D

Acq: 9 May 2017 2:30

Instrument :

BNA_F

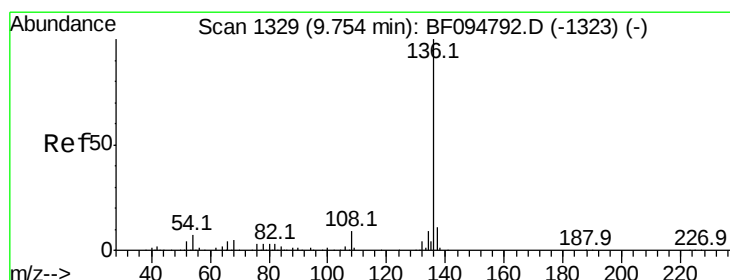
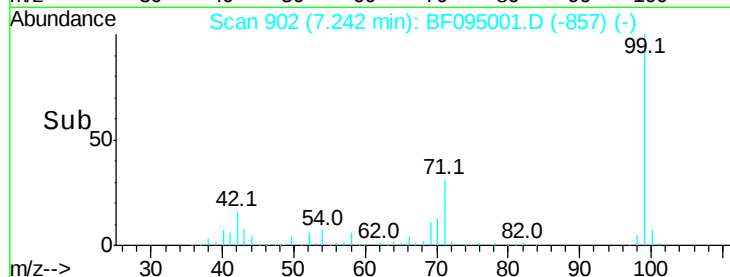
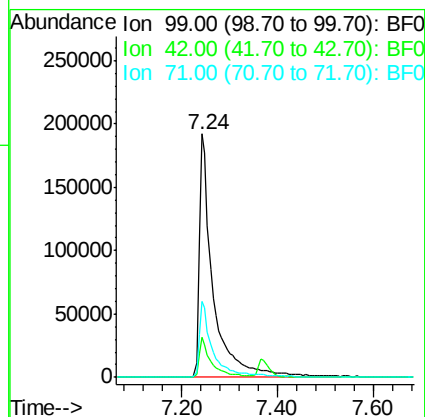
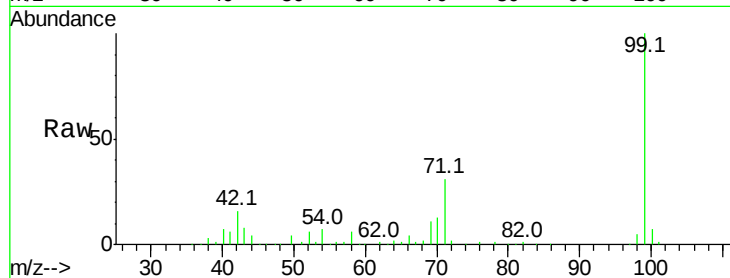
ClientSampled :

SB-06-0-2.0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		392118		
42	16.5	13.5	20.3		
71	31.1	24.5	36.7		

Manual Integrations
APPROVED

mohammad
5/9/2017 5:02:52 PM



#21

Naphthalene-d8

Concen: 20.00 ng

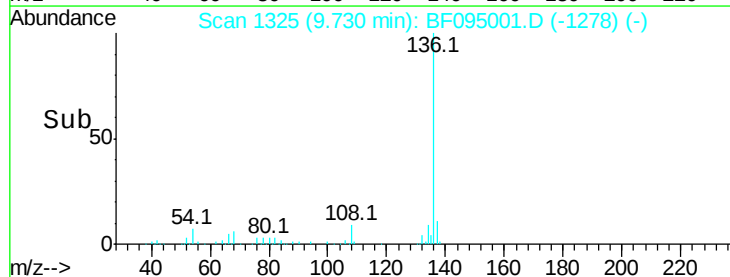
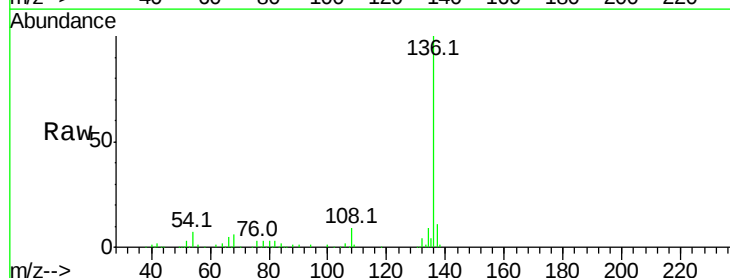
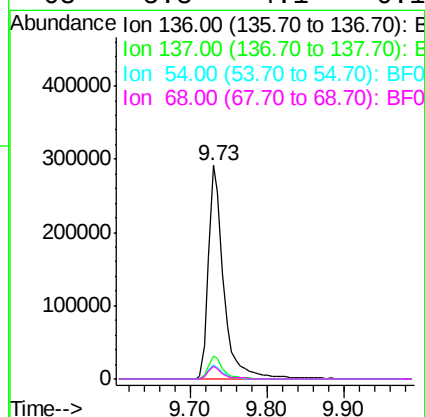
RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095001.D

Acq: 9 May 2017 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		400249		
137	10.7	8.5	12.7		
54	6.8	4.9	7.3		
68	5.8	4.1	6.1		





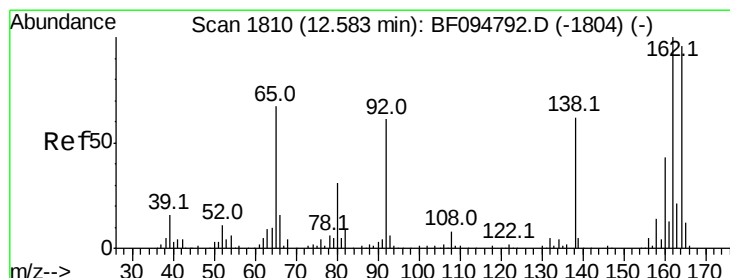
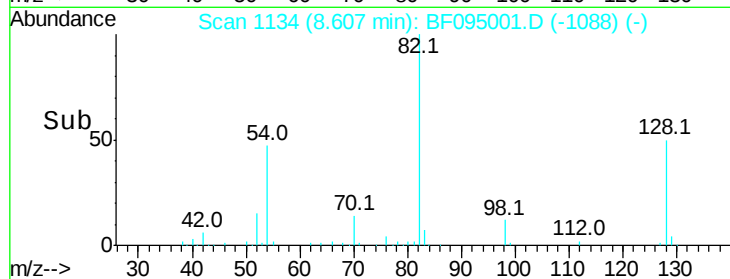
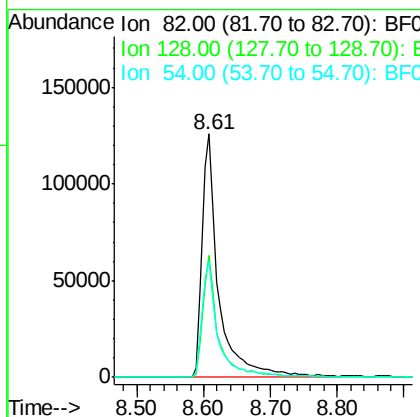
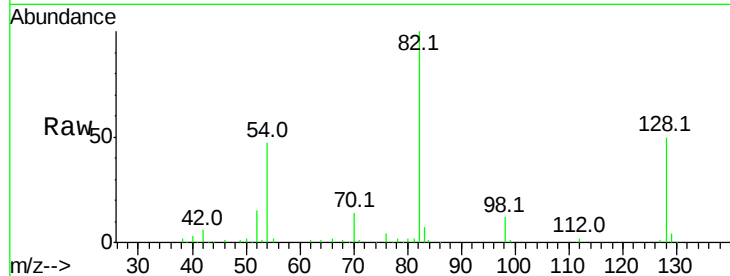
#23
 Nitrobenzene-d5
 Concen: 33.63 ng
 RT: 8.61 min Scan# 1134
 Delta R.T. -0.03 min
 Lab File: BF095001.D
 Acq: 9 May 2017 2:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-2.0

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.9	34.0	51.0
54	47.3	42.2	63.2

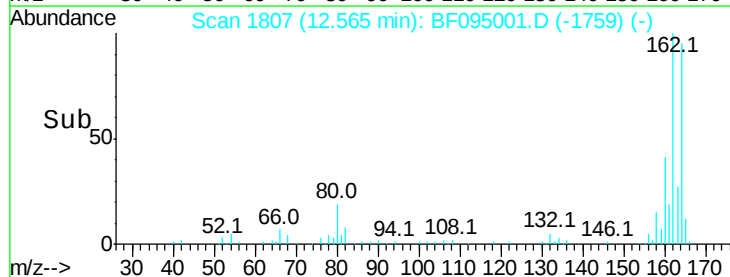
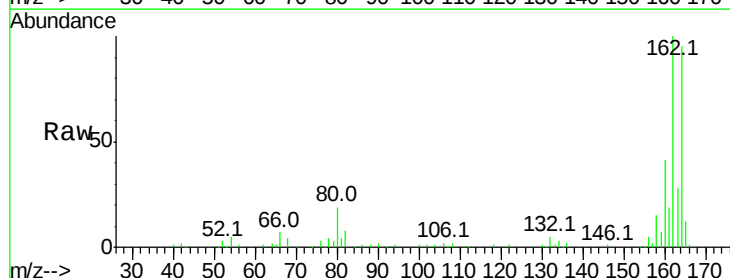
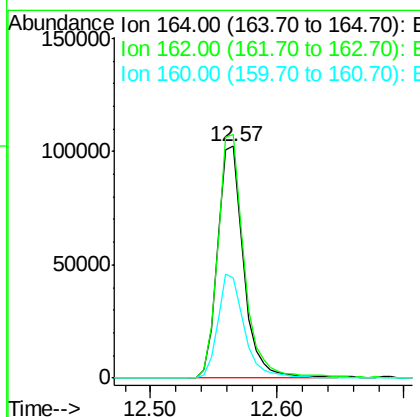
Manual Integrations
 APPROVED

mohammad
 5/9/2017 5:02:52 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF095001.D
 Acq: 9 May 2017 2:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	43.4	36.2	54.2





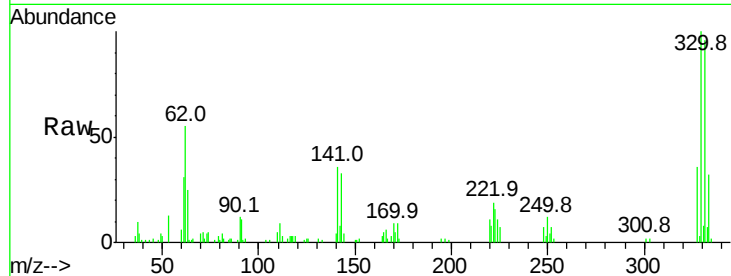
#41
 2,4,6-Tribromophenol
 Concen: 48.79 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095001.D
 Acq: 9 May 2017 2:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-2.0

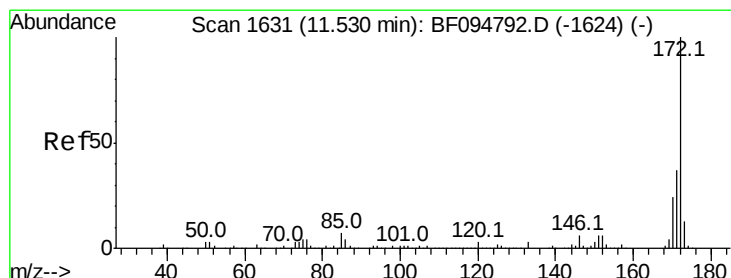
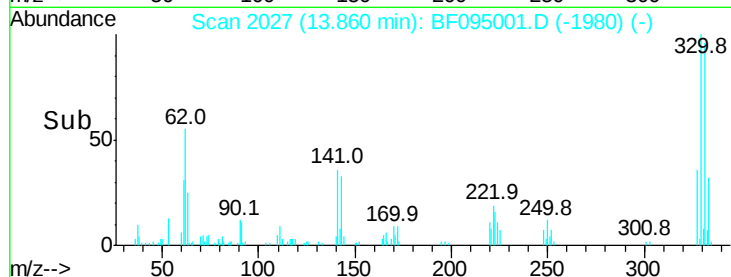
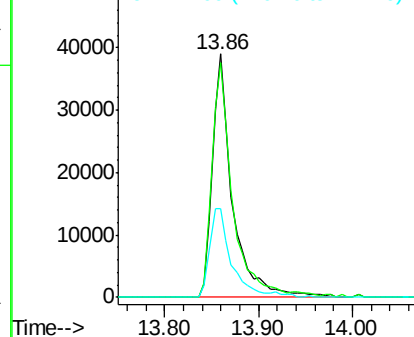
Tot Ion	Ratio	Resp	Lower	Upper
330	100	58868		
332	100.6	76.6	115.0	
141	39.7	31.4	47.2	

Manual Integrations
 APPROVED

mohammad
 5/9/2017 5:02:52 PM

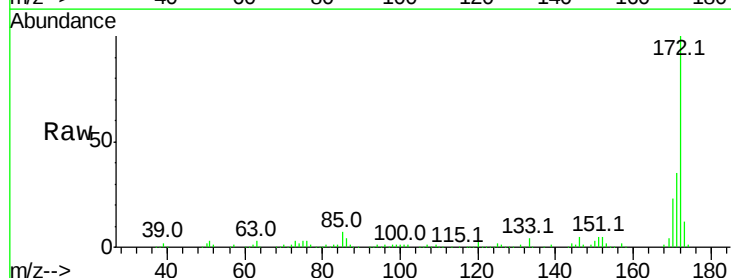


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

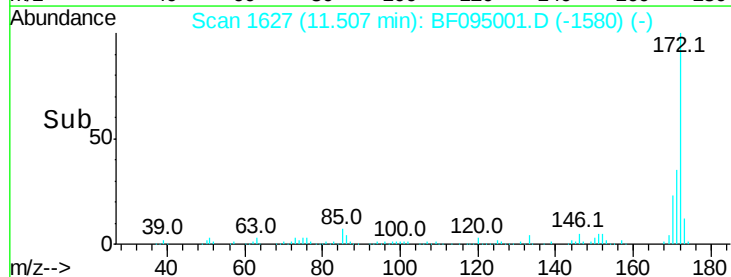
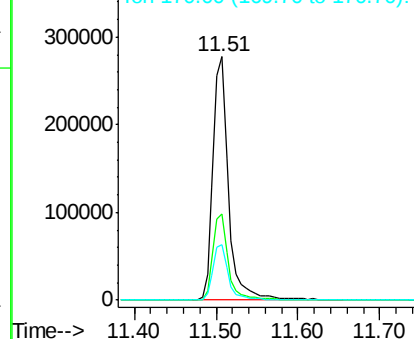


#44
 2-Fluorobiphenyl
 Concen: 35.84 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095001.D
 Acq: 9 May 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	366823		
171	35.5	29.6	44.4	
170	23.0	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





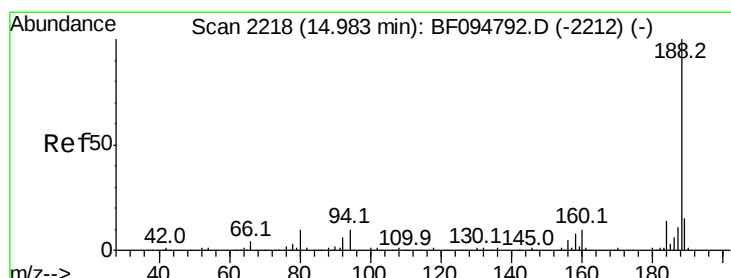
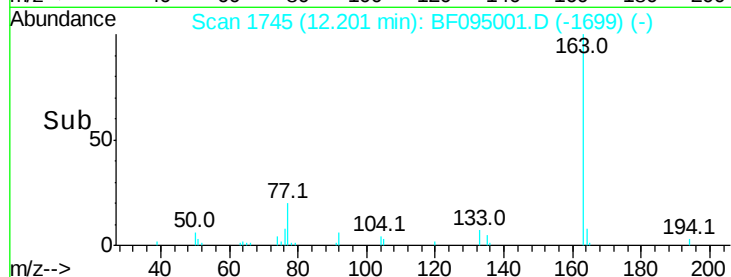
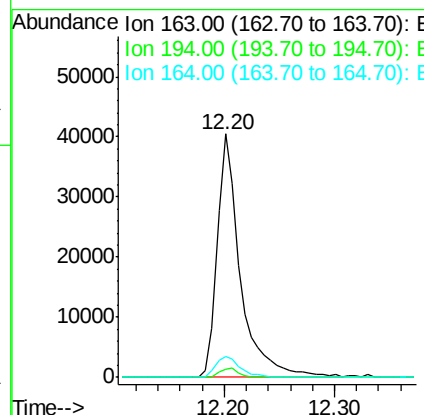
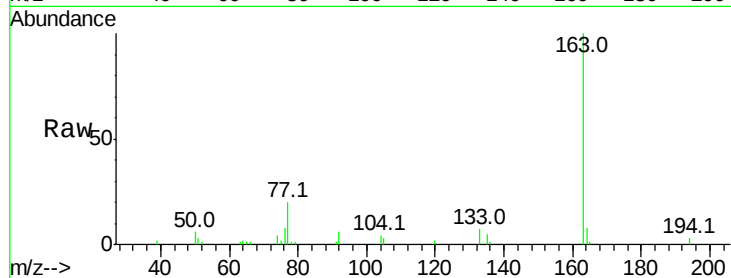
#49
Dimethylphthalate
Concen: 4.84 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampled :
SB-06-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	8.5	8.4	12.6	

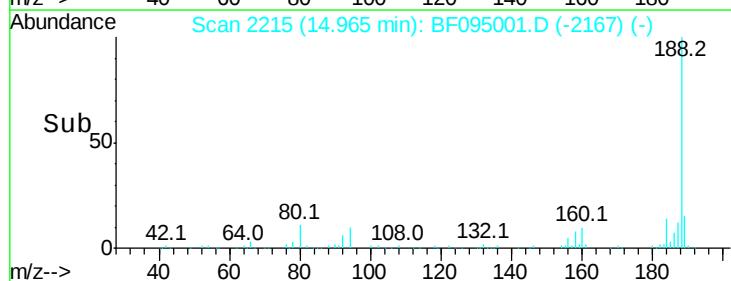
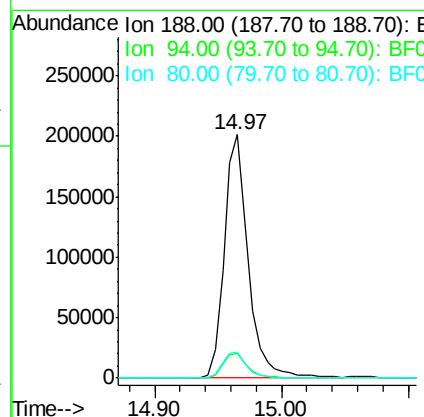
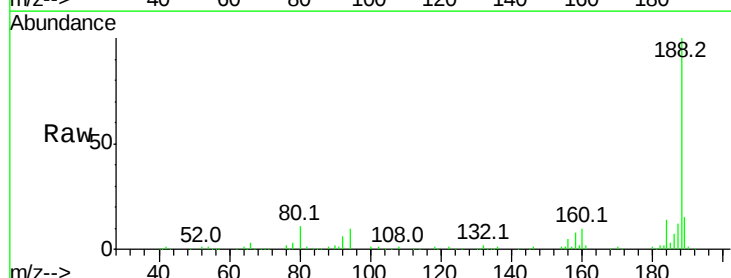
Manual Integrations
APPROVED

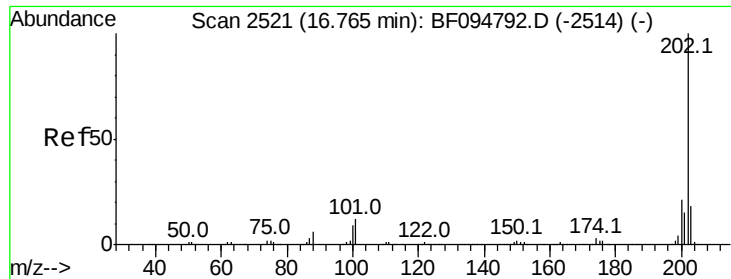
mohammad
5/9/2017 5:02:52 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

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





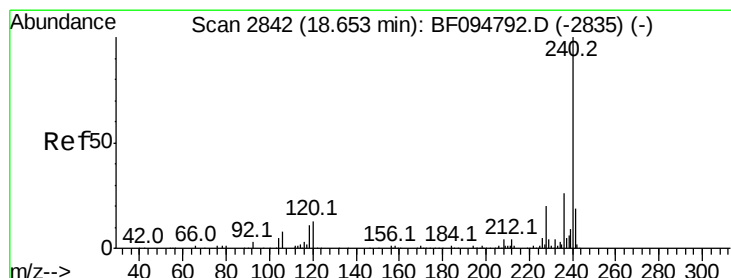
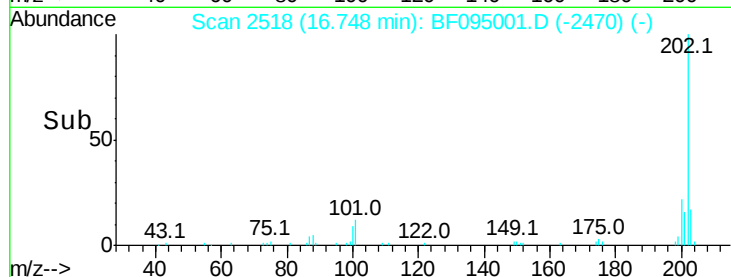
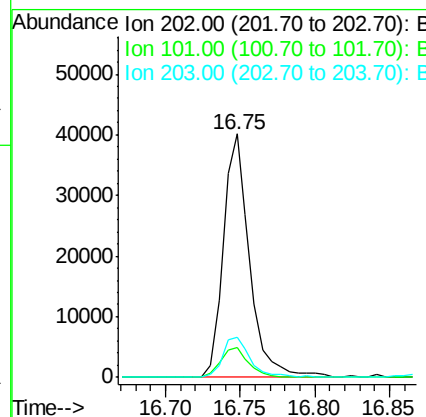
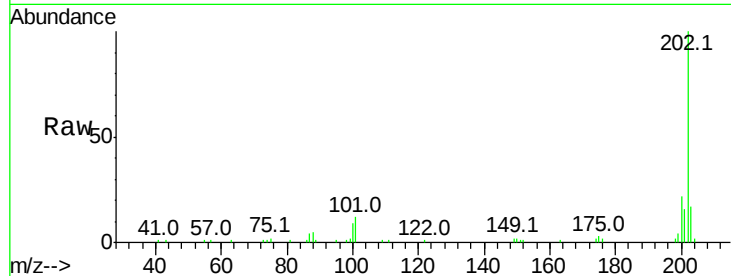
#74
 Fluoranthene
 Concen: 3.18 ng
 RT: 16.75 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BF095001.D
 Acq: 9 May 2017 2:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-2.0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	0.0	33.2
203	16.7	0.0	38.1

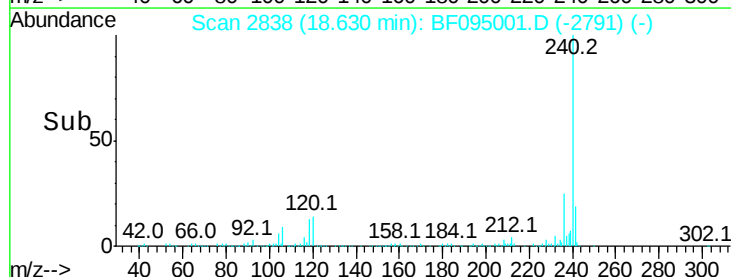
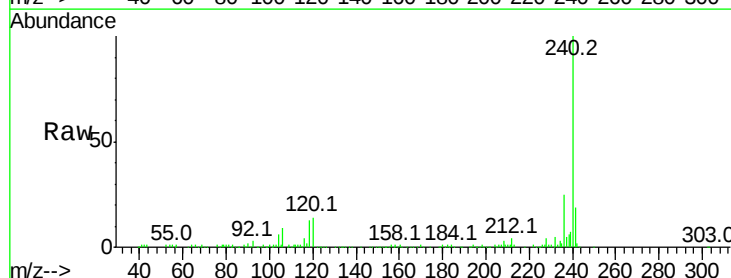
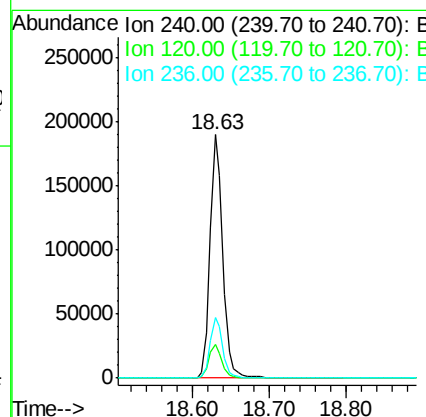
Manual Integrations
 APPROVED

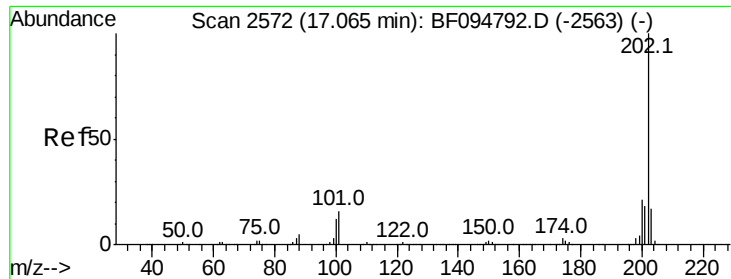
mohammad
 5/9/2017 5:02:52 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095001.D
 Acq: 9 May 2017 2:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.1	20.5	30.7





#77

Pvrene

Concen: 2.90 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF095001.D

Acq: 9 May 2017 2:30

Instrument :

BNA_F

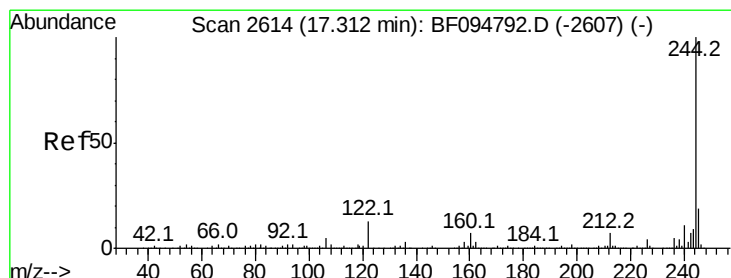
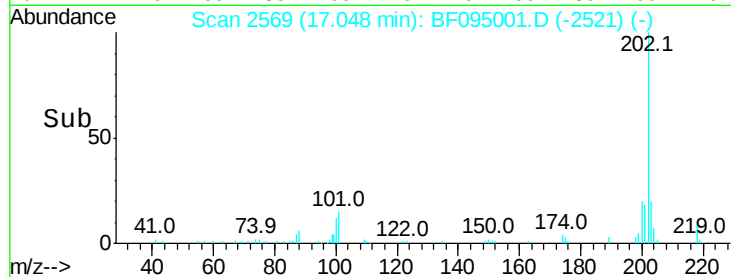
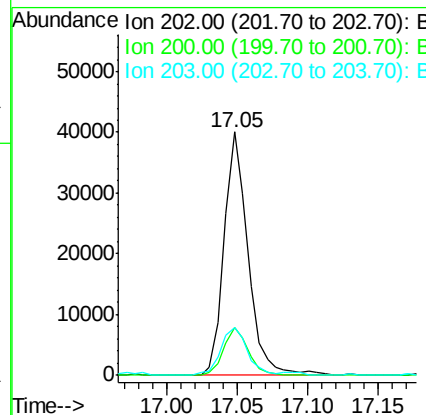
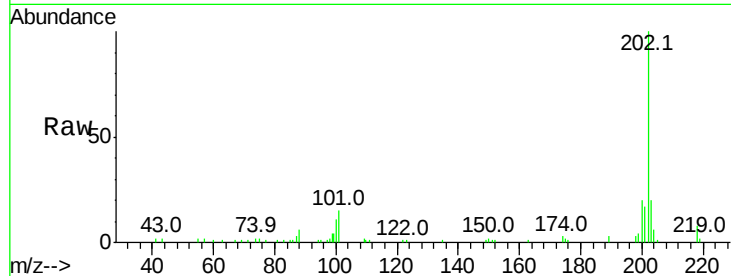
ClientSampleId :

SB-06-0-2.0

Tot Ion:	202	Resp:	47281
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.6	26.4
203	19.8	14.4	21.6

Manual Integrations
APPROVED

mohammad
5/9/2017 5:02:52 PM



#78

Terphenyl-d14

Concen: 23.51 ng

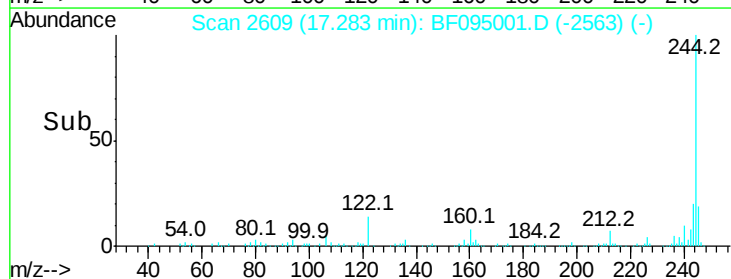
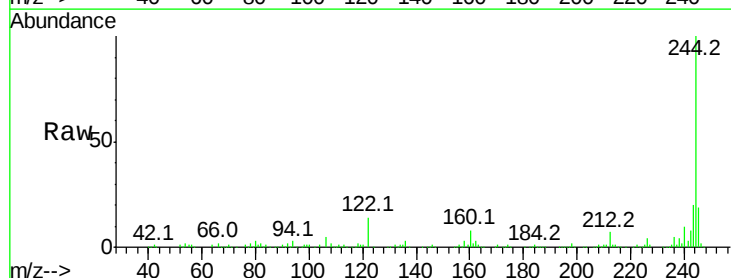
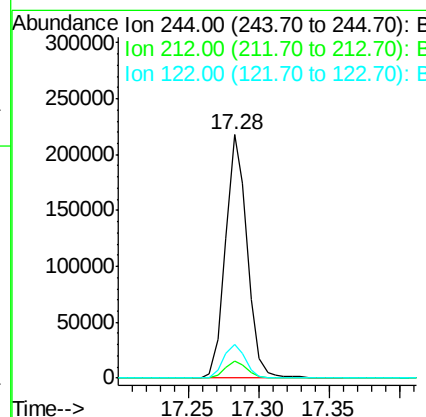
RT: 17.28 min Scan# 2609

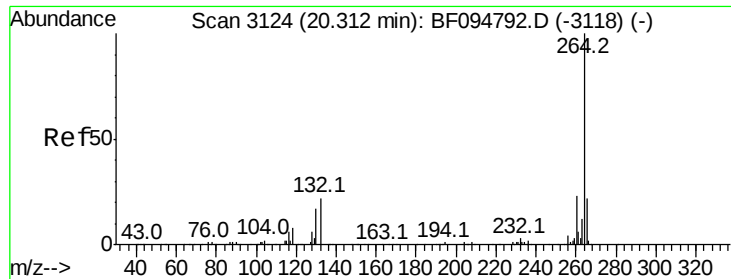
Delta R.T. -0.03 min

Lab File: BF095001.D

Acq: 9 May 2017 2:30

Tgt Ion:	244	Resp:	232356
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	13.6	10.3	15.5





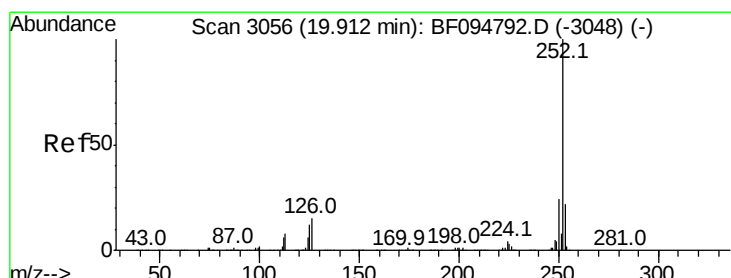
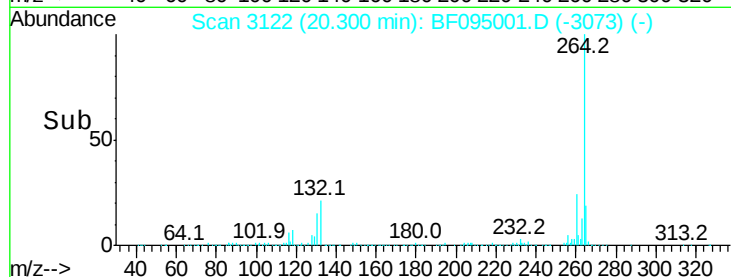
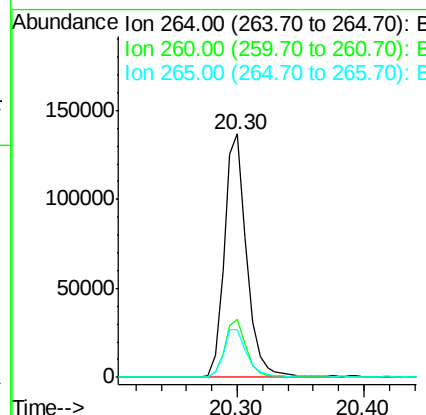
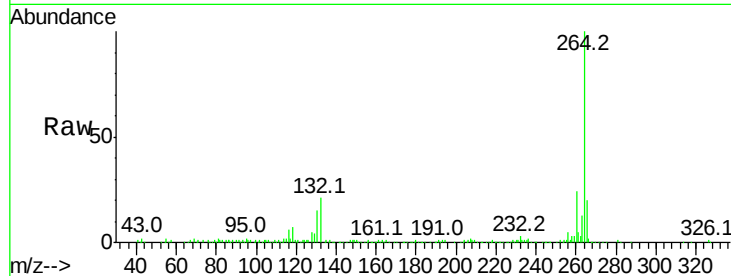
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	19.5	29.3	
265	19.7	17.2	25.8	

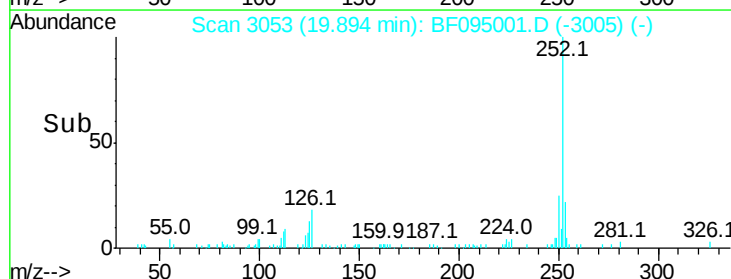
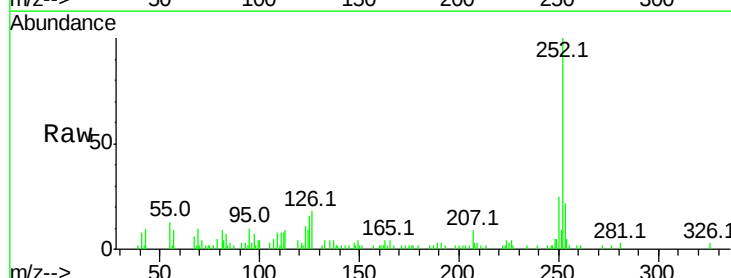
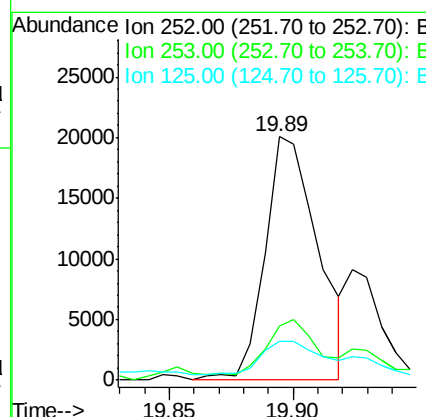
Manual Integrations
APPROVED

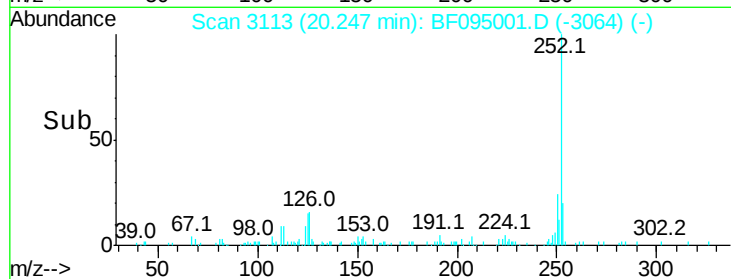
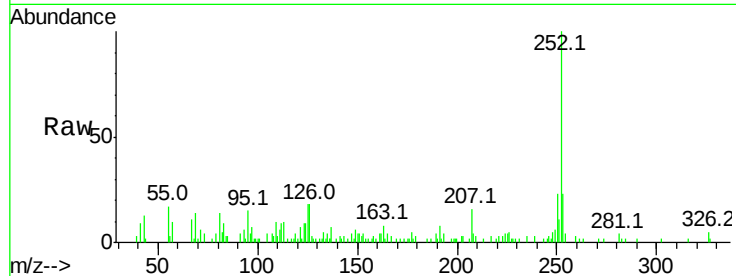
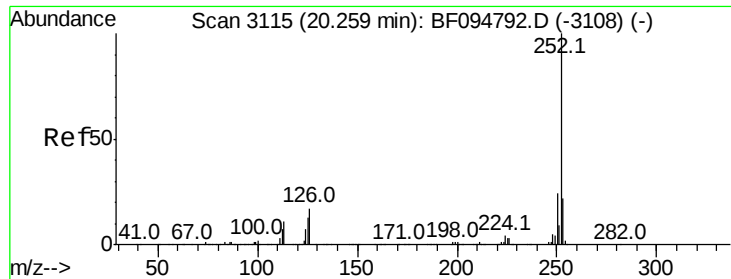
mohammad
5/9/2017 5:02:52 PM



#87
Benzo(b)fluoranthene
Concen: 2.87 ng m
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.3	18.1	27.1	
125	16.1	9.8	14.8	





#89

Benzo(a)pyrene

Concen: 2.21 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF095001.D

Acq: 9 May 2017 2:30

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	17.9	11.0	16.4

Manual Integrations
APPROVED

mohammad
5/9/2017 5:02:52 PM

