

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094203.D
 Acq On : 5 Apr 2017 21:38
 Operator : SJ/MA
 Sample : I2522-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-8(0-2)

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:38:36 PM

Quant Time: Apr 06 02:21:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	177989	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	714101	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	308685	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	502979	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	344620	20.00	ng	-0.05
86) Perylene-d12	16.20	264	300609	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	931378	88.38	ng	-0.04
7) Phenol-d6	5.47	99	1192849	91.50	ng	-0.04
23) Nitrobenzene-d5	6.51	82	731359	58.45	ng	-0.05
41) 2,4,6-Tribromophenol	10.47	330	210960	86.48	ng	-0.05
44) 2-Fluorobiphenyl	8.69	172	1240205	61.28	ng	-0.05
78) Terphenyl-d14	13.30	244	781382	50.82	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.18	163	113270	5.16	ng	97
70) Phenanthrene	11.35	178	87567	3.13	ng	97
74) Fluoranthene	12.82	202	140003	4.89	ng	98
77) Pyrene	13.09	202	118525	4.74	ng	97
80) Benzo(a)anthracene	14.56	228	50778	2.53	ng	98
82) Chrysene	14.60	228	53769	2.88	ng	99
87) Benzo(b)fluoranthene	15.80	252	62838m	3.41	ng	
89) Benzo(a)pyrene	16.14	252	40469	2.38	ng	# 92

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

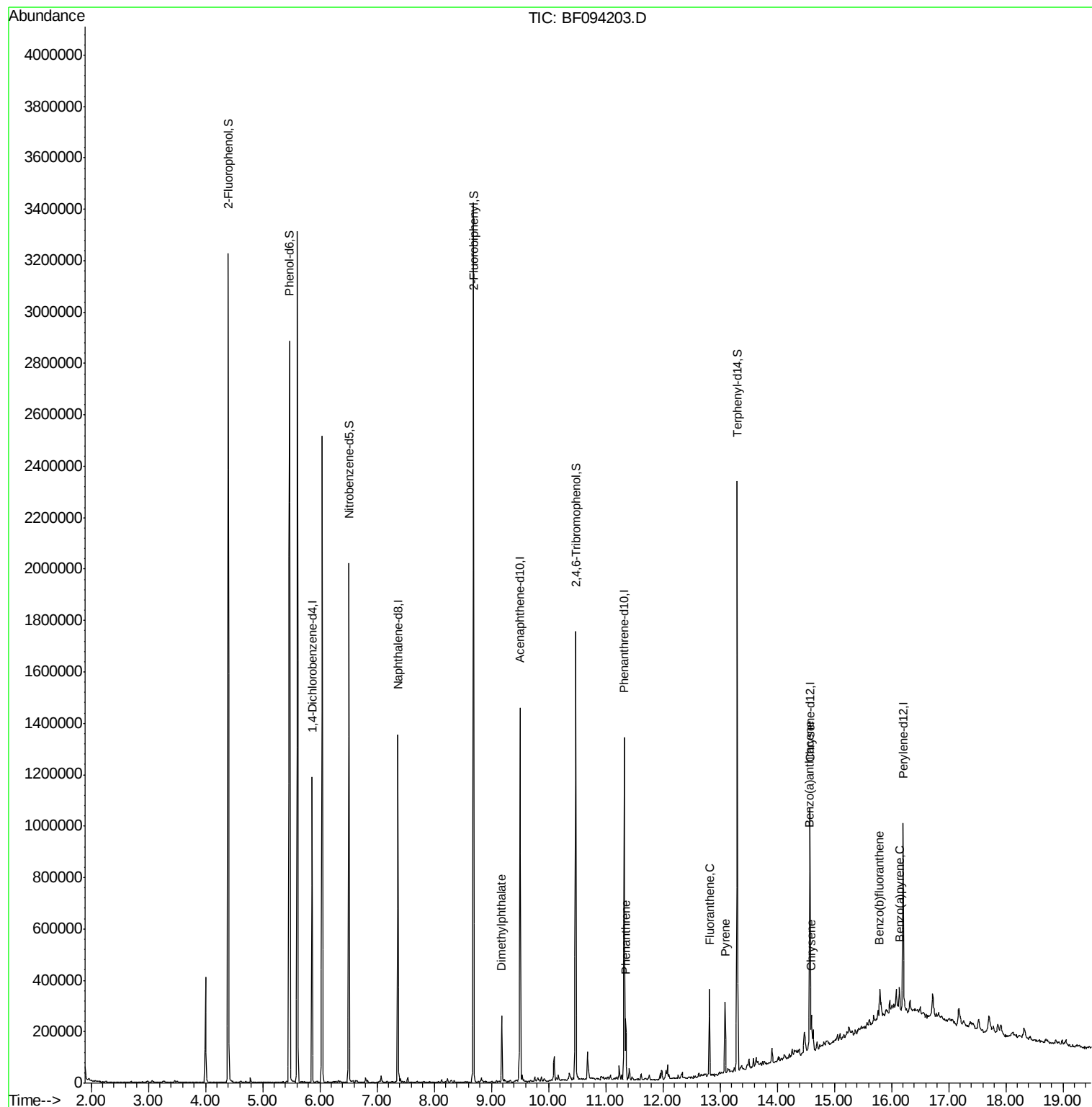
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094203.D
Acq On : 5 Apr 2017 21:38
Operator : SJ/MA
Sample : I2522-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

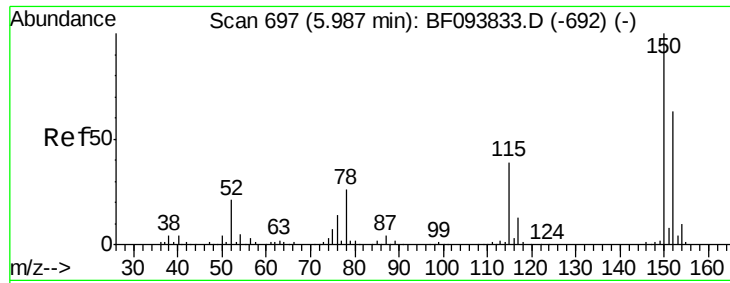
Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:36 PM

Quant Time: Apr 06 02:21:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration





#1

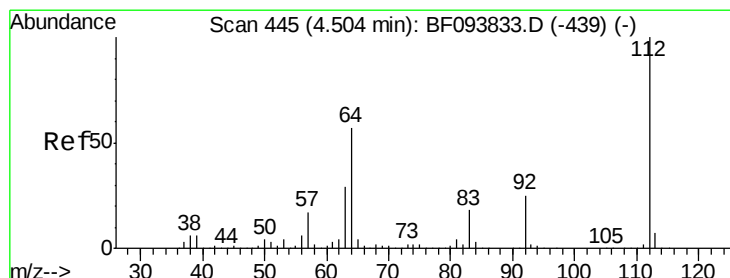
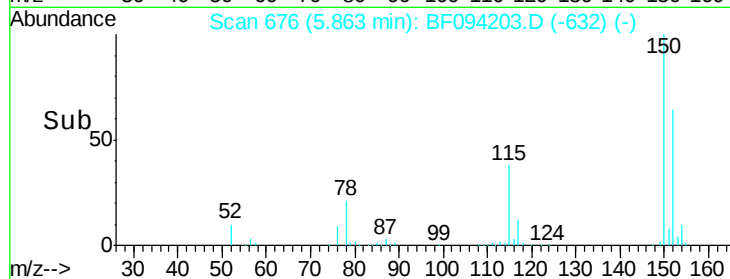
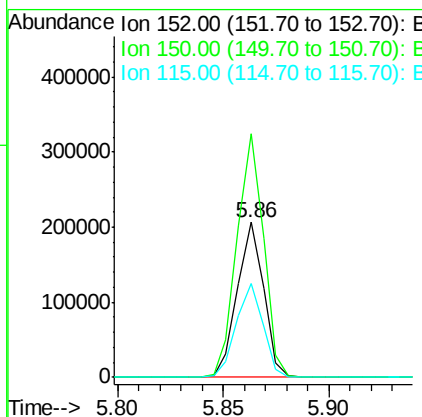
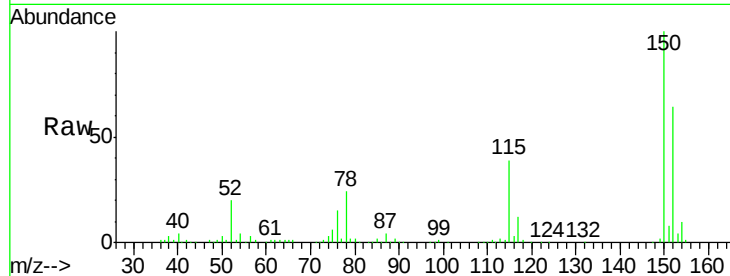
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	60.6	52.2	78.2

Manual Integrations
APPROVED

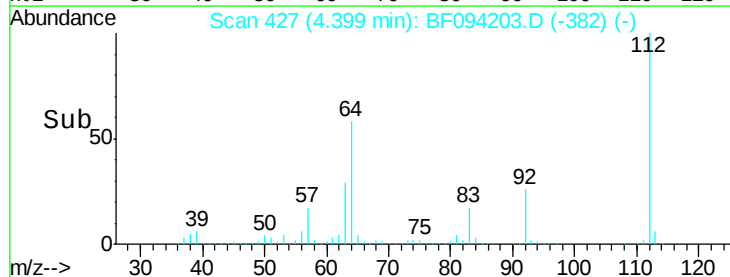
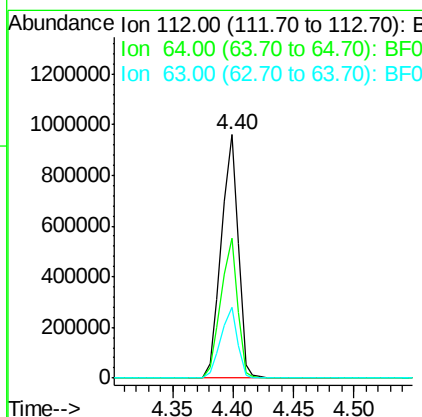
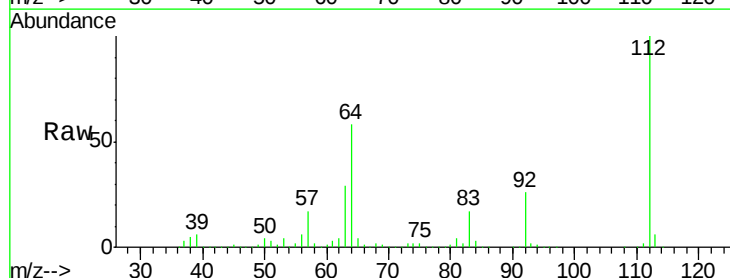
mohammad
4/6/2017 3:38:36 PM

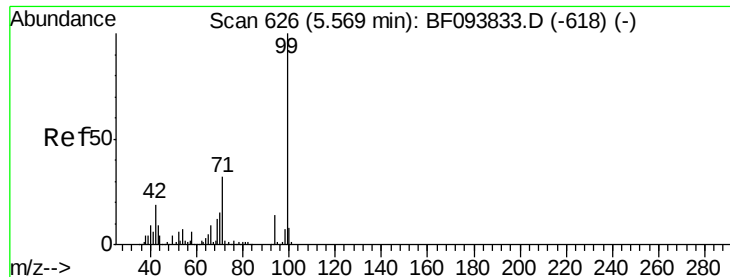


#5

2-Fluorophenol
Concen: 88.38 ng
RT: 4.40 min Scan# 427
Delta R.T. -0.04 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	29.0	23.4	35.0





#7

Phenol-d6

Concen: 91.50 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.04 min

Lab File: BF094203.D

Acq: 5 Apr 2017 21:38

Instrument :

BNA_F

ClientSampled :

BASING-8(0-2)

Tot Ion: 99 Resp: 1192849

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

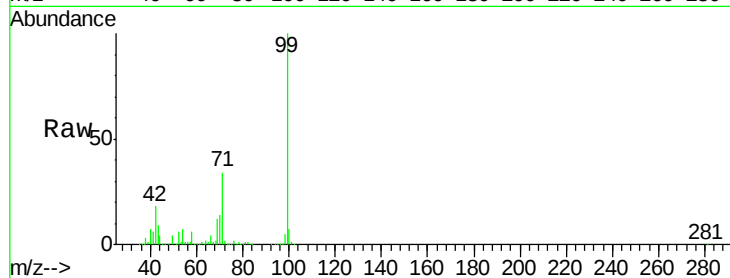
71 33.5 24.5 36.7

Manual Integrations

APPROVED

mohammad

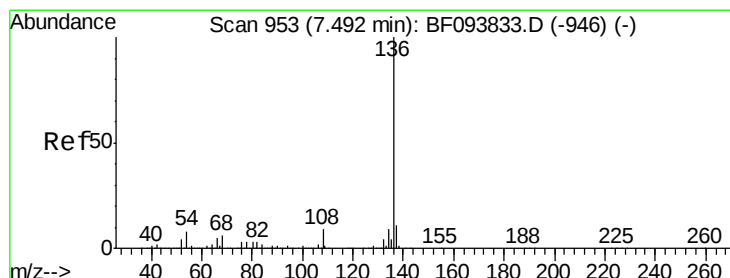
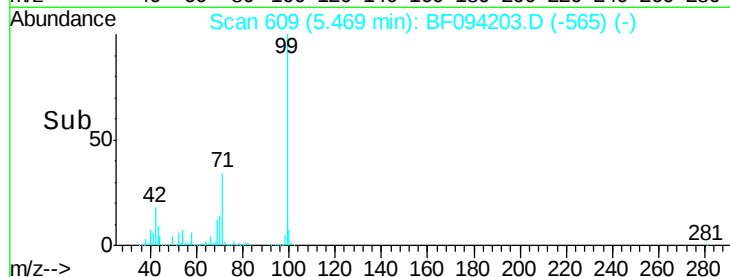
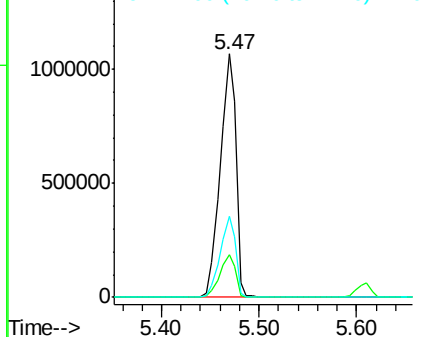
4/6/2017 3:38:36 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 931

Delta R.T. -0.05 min

Lab File: BF094203.D

Acq: 5 Apr 2017 21:38

Tgt Ion: 136 Resp: 714101

Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.5 4.9 7.3#

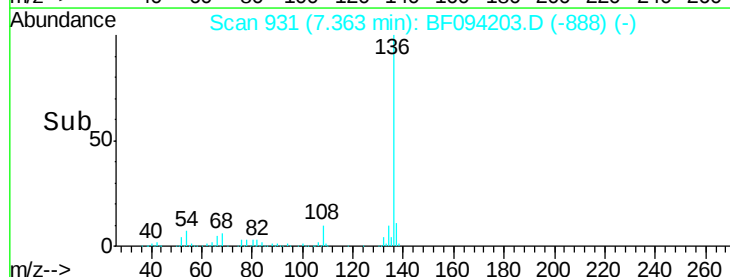
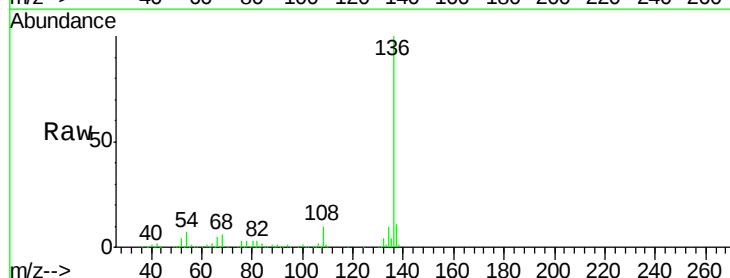
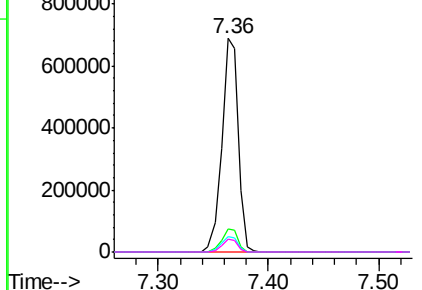
68 6.2 4.1 6.1#

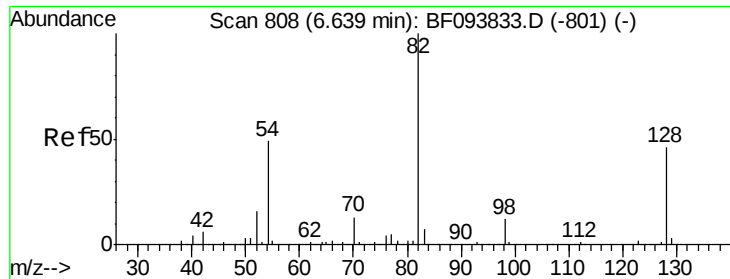
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





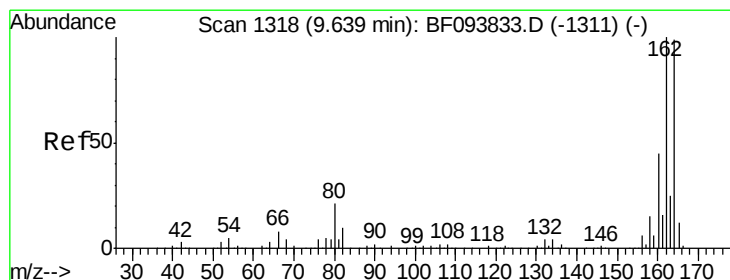
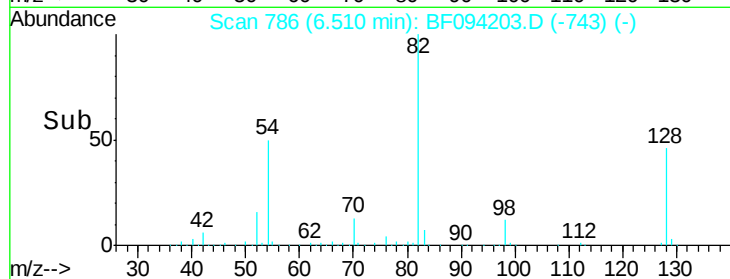
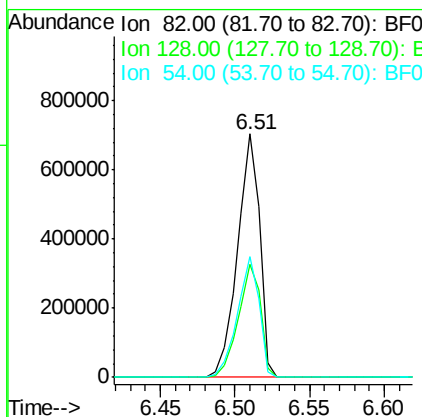
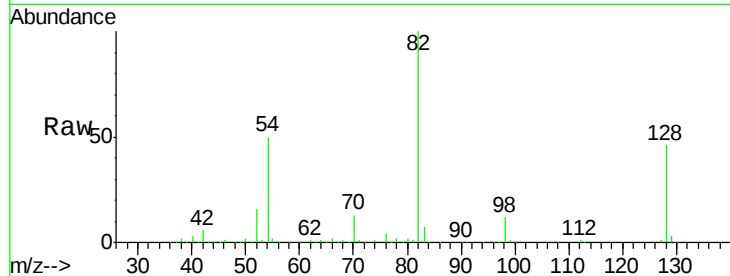
#23
 Nitrobenzene-d5
 Concen: 58.45 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.05 min
 Lab File: BF094203.D
 Acq: 5 Apr 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 BASING-8(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	49.5	42.2	63.2

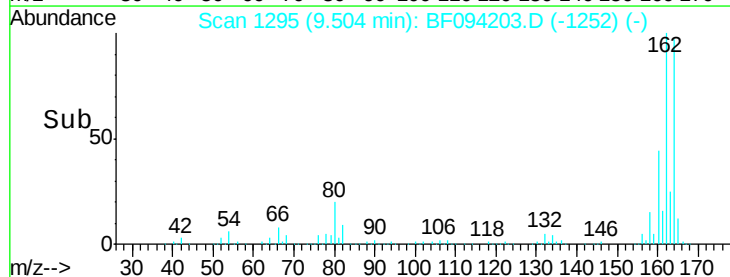
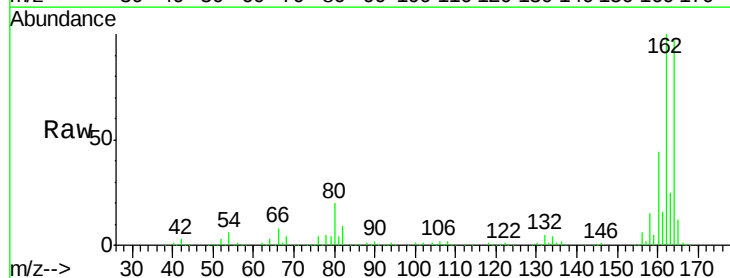
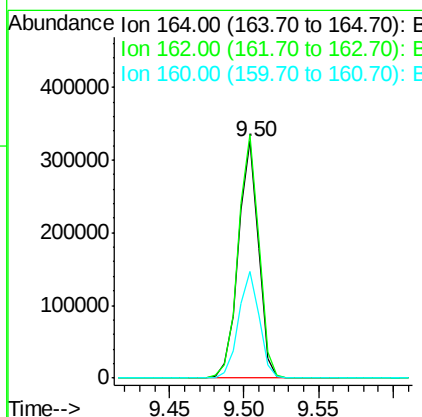
Manual Integrations
 APPROVED

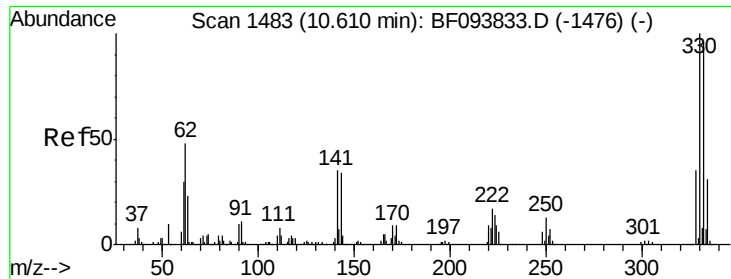
mohammad
 4/6/2017 3:38:36 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094203.D
 Acq: 5 Apr 2017 21:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.0	36.2	54.2





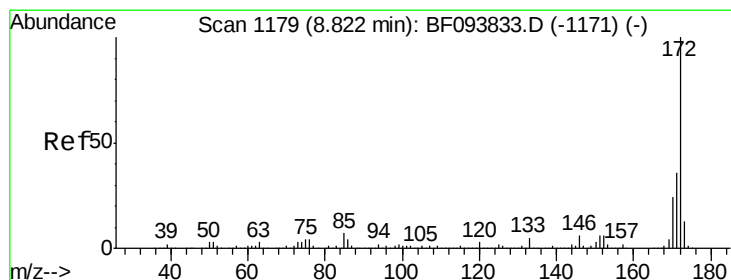
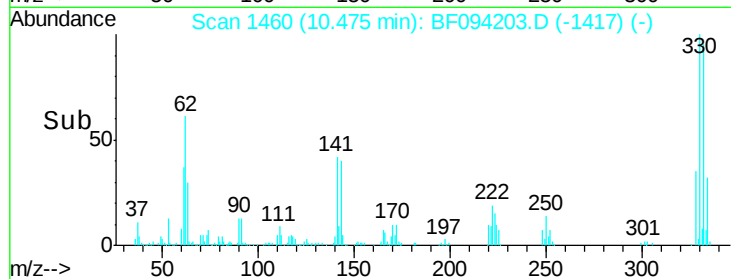
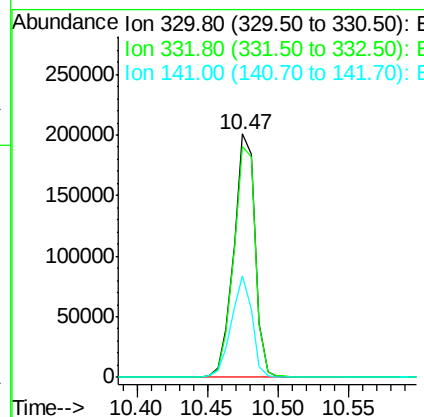
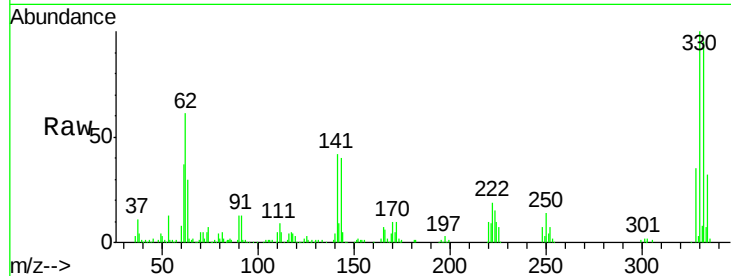
#41
 2,4,6-Tribromophenol
 Concen: 86.48 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.05 min
 Lab File: BF094203.D
 Acq: 5 Apr 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 BASING-8(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	210960		
332	96.4	76.6	115.0	
141	40.1	31.4	47.2	

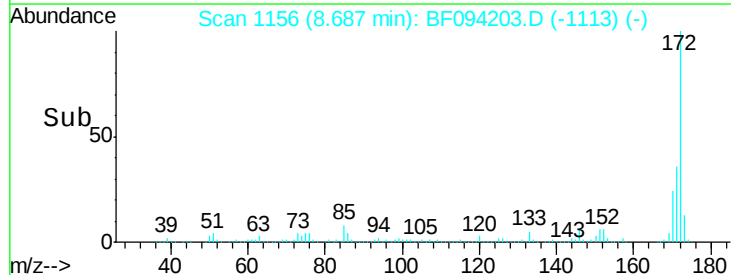
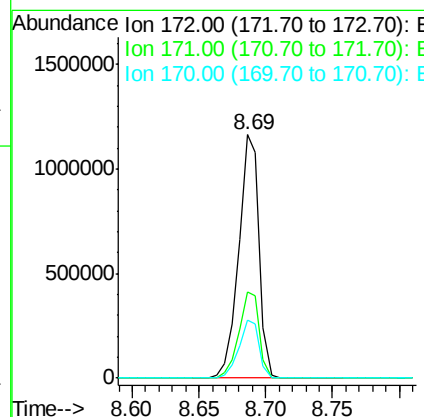
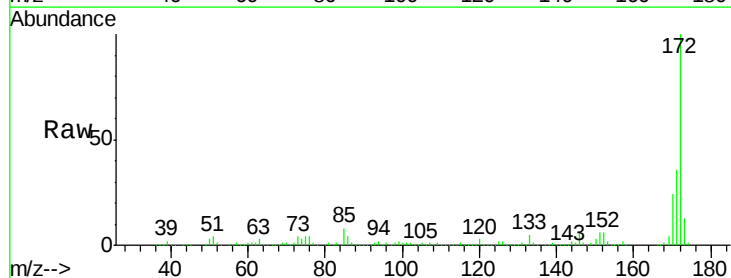
Manual Integrations
 APPROVED

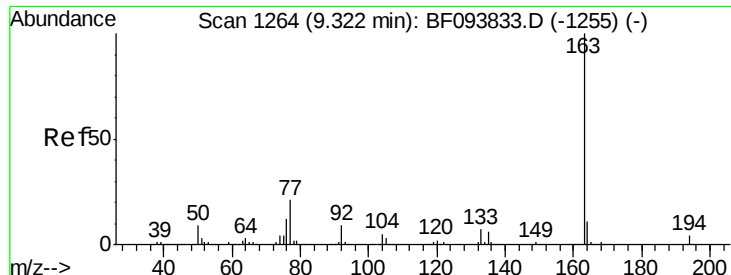
mohammad
 4/6/2017 3:38:36 PM



#44
 2-Fluorobiphenyl
 Concen: 61.28 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.05 min
 Lab File: BF094203.D
 Acq: 5 Apr 2017 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1240205		
171	35.6	29.6	44.4	
170	23.8	19.8	29.8	





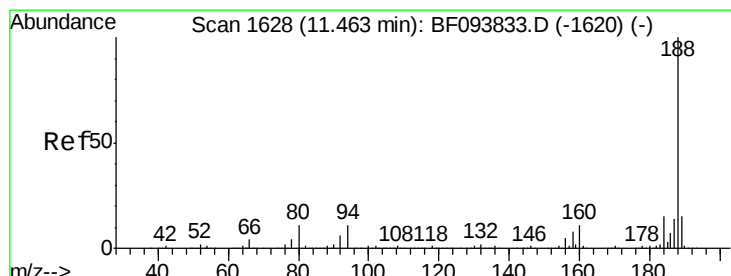
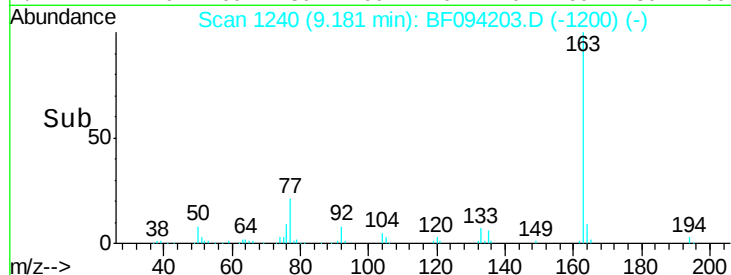
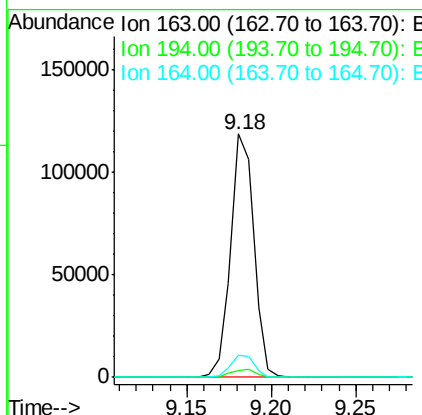
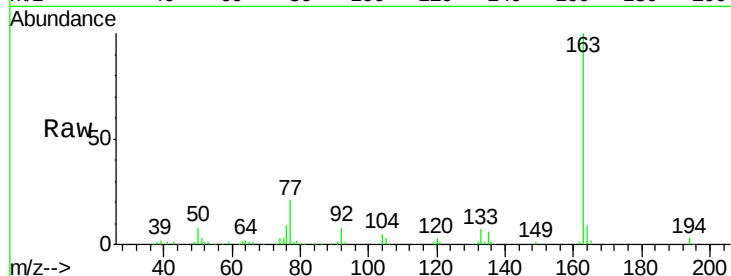
#49
Dimethylphthalate
Concen: 5.16 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.06 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.1		2.6	4.0	
164	9.3		8.4	12.6	

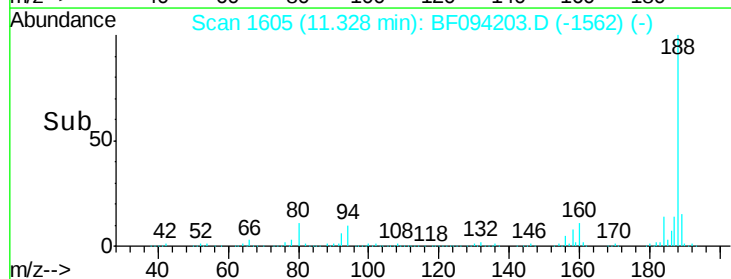
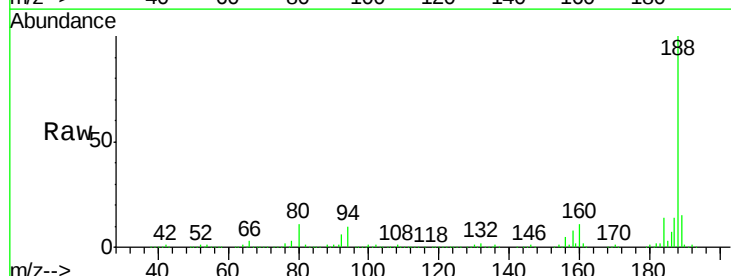
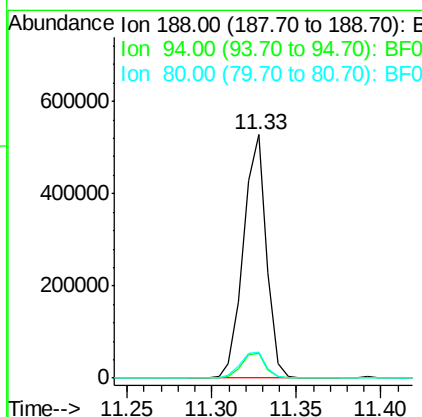
Manual Integrations
APPROVED

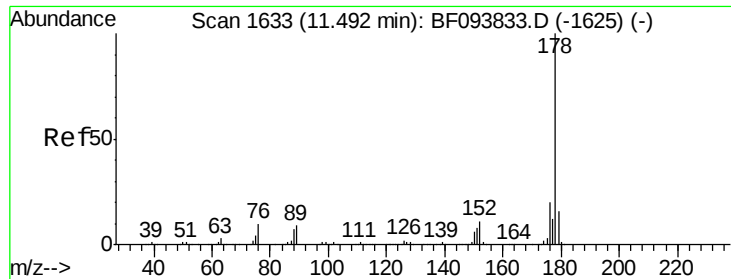
mohammad
4/6/2017 3:38:36 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.4		9.4	14.2	
80	10.9		10.2	15.2	





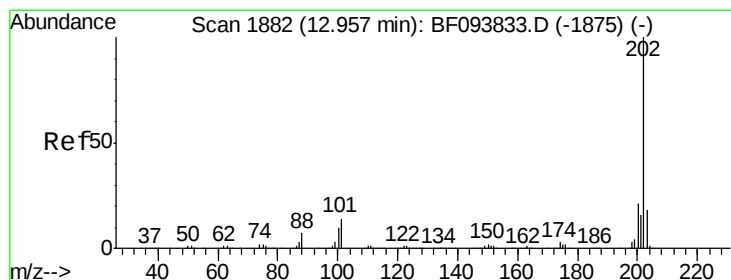
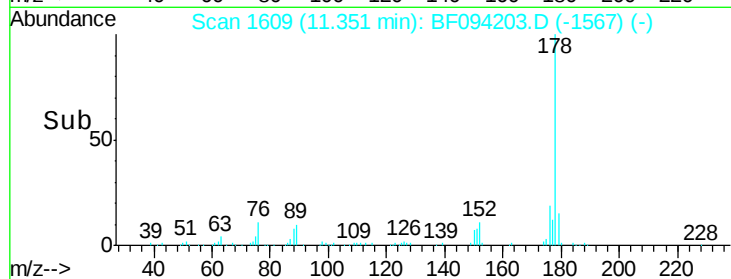
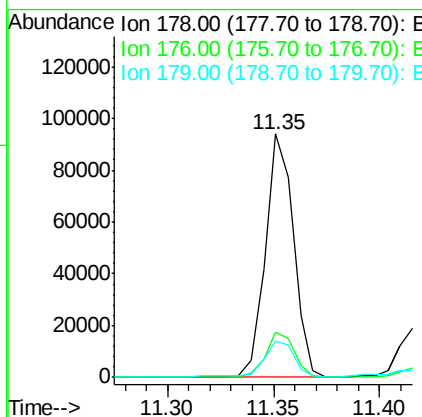
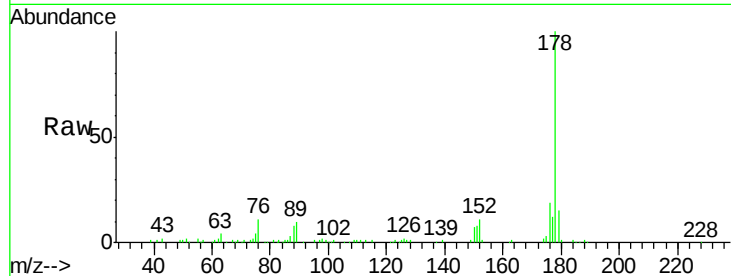
#70
Phenanthrene
Concen: 3.13 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.7	12.6	19.0

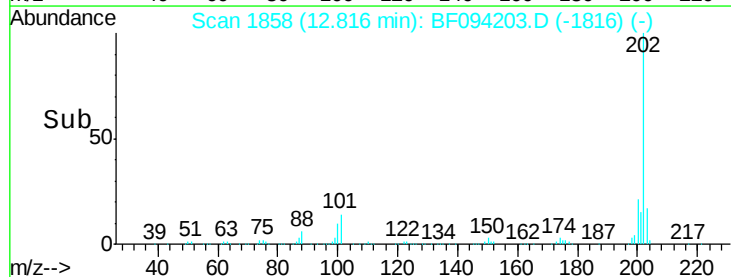
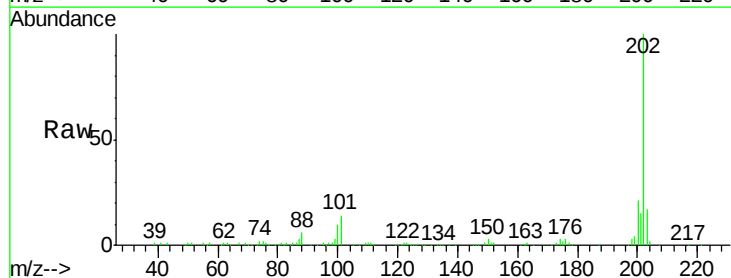
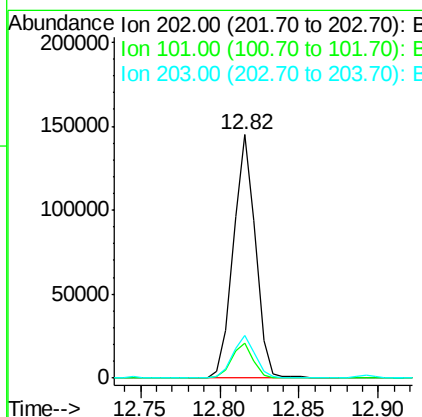
Manual Integrations
APPROVED

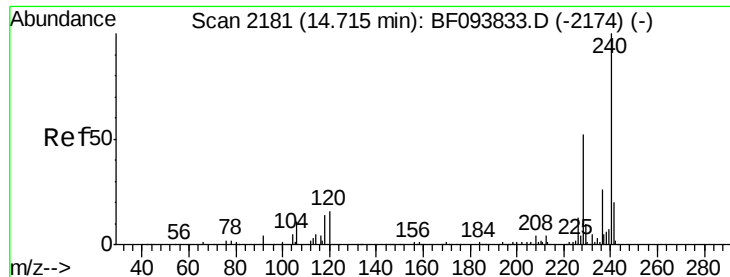
mohammad
4/6/2017 3:38:36 PM



#74
Fluoranthene
Concen: 4.89 ng
RT: 12.82 min Scan# 1858
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	17.4	0.0	38.1





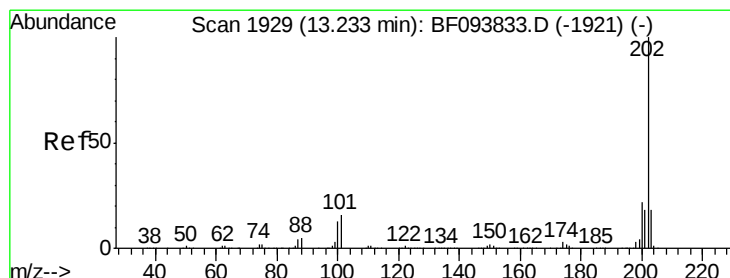
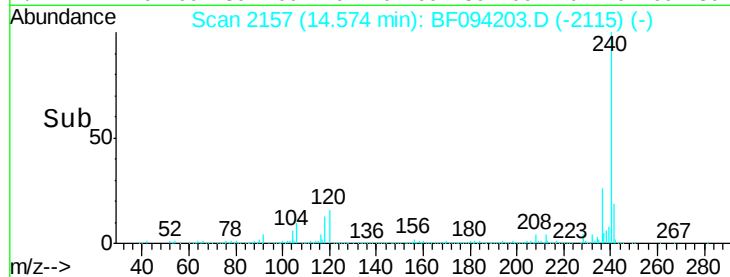
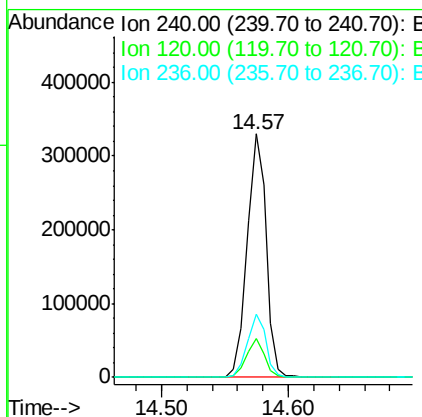
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.57 min Scan# 2157
 Delta R.T. -0.05 min
 Lab File: BF094203.D
 Acq: 5 Apr 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 BASING-8(0-2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.9	20.5	30.7

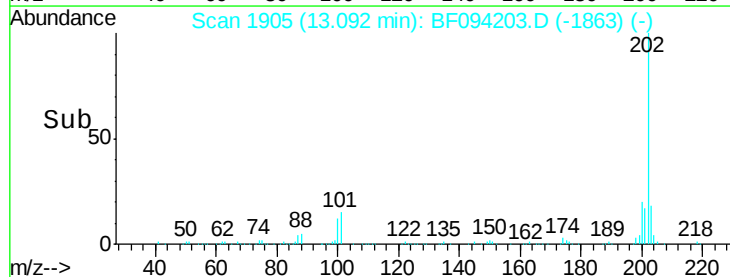
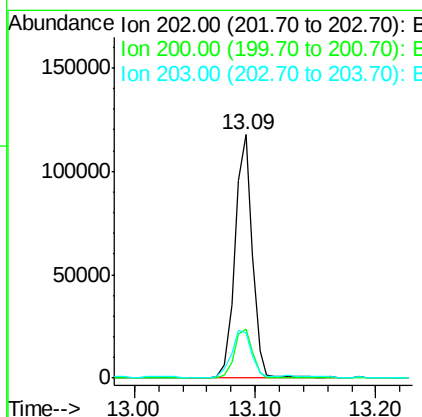
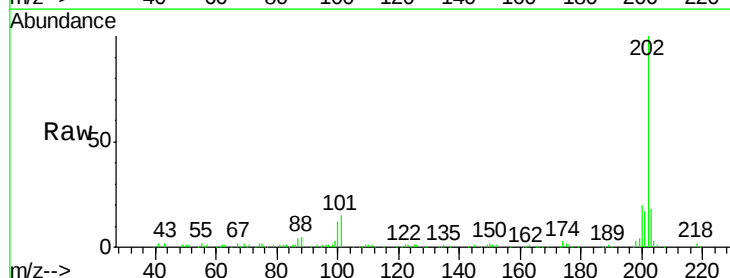
Manual Integrations
 APPROVED

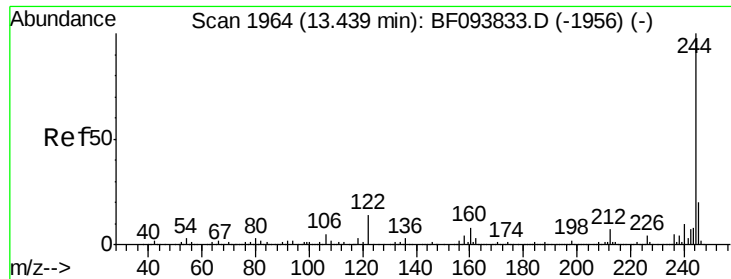
mohammad
 4/6/2017 3:38:36 PM



#77
 Pyrene
 Concen: 4.74 ng
 RT: 13.09 min Scan# 1905
 Delta R.T. -0.05 min
 Lab File: BF094203.D
 Acq: 5 Apr 2017 21:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	18.5	14.4	21.6





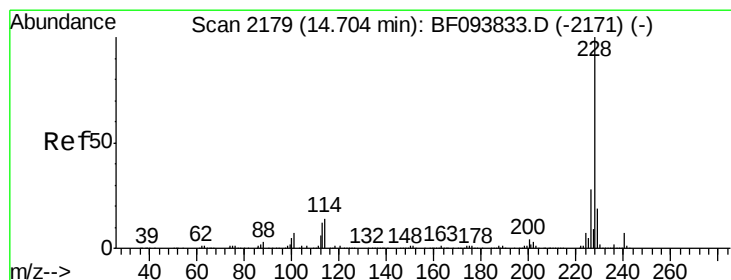
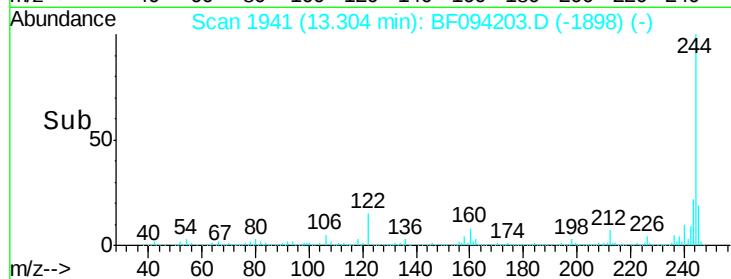
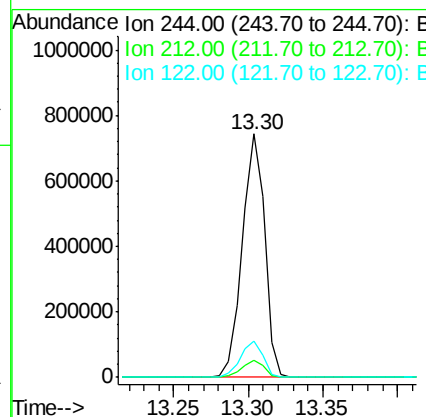
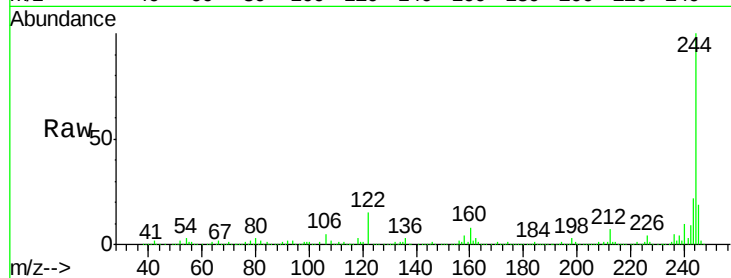
#78
 Terphenyl-d14
 Concen: 50.82 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. -0.05 min
 Lab File: BF094203.D
 Acq: 5 Apr 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 BASING-8(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.7	10.3	15.5

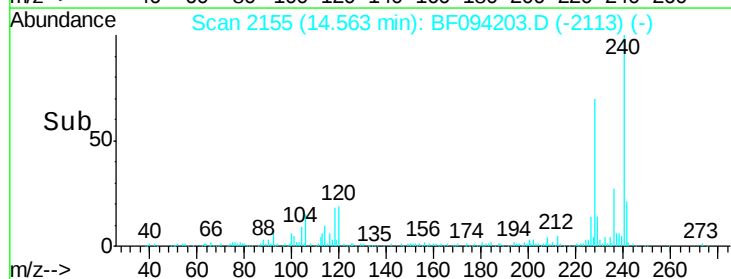
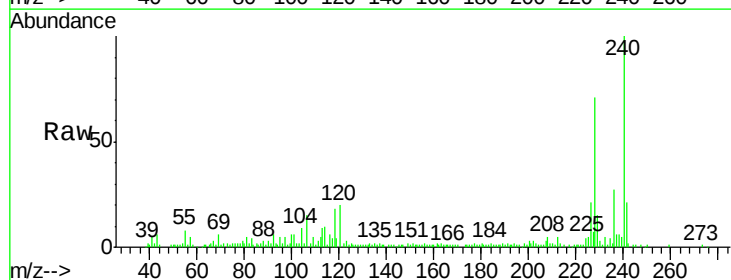
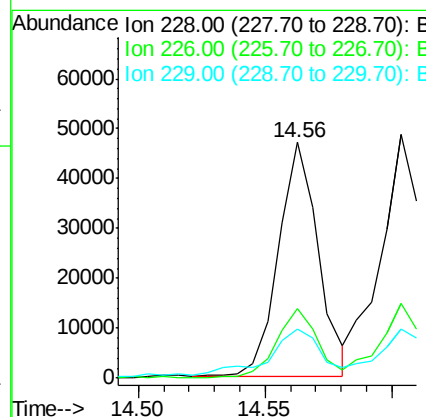
Manual Integrations
 APPROVED

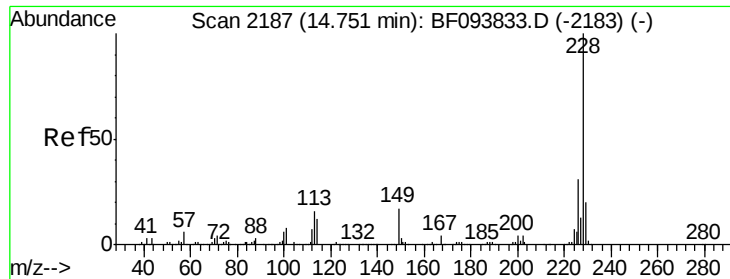
mohammad
 4/6/2017 3:38:36 PM



#80
 Benzo(a)anthracene
 Concen: 2.53 ng
 RT: 14.56 min Scan# 2155
 Delta R.T. -0.05 min
 Lab File: BF094203.D
 Acq: 5 Apr 2017 21:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	20.7	16.3	24.5





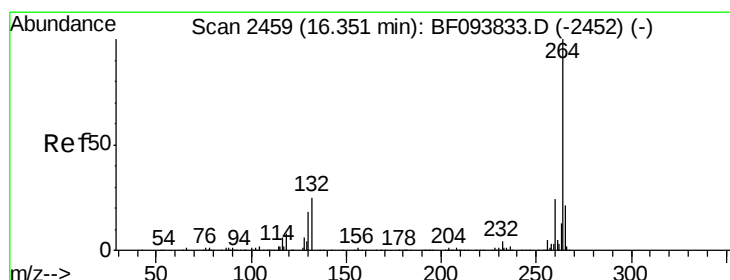
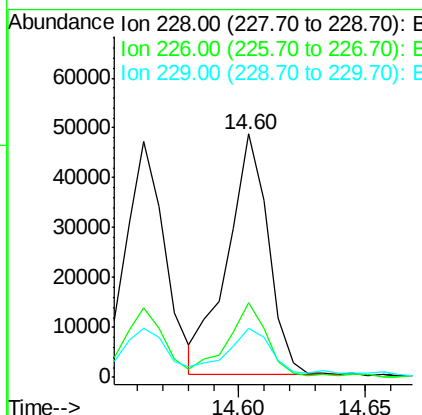
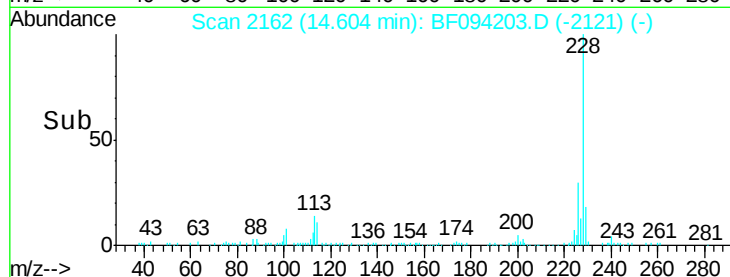
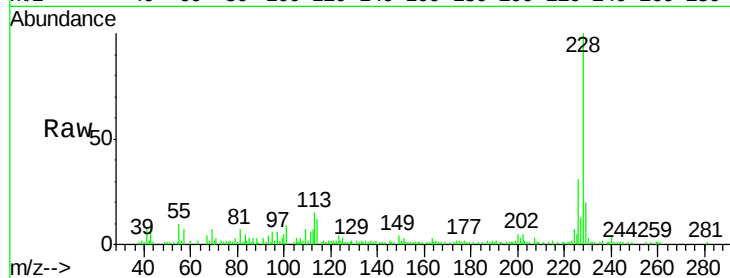
#82
Chrysene
Concen: 2.88 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.06 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		53769		
226	30.8	24.9	37.3		
229	20.4	15.8	23.6		

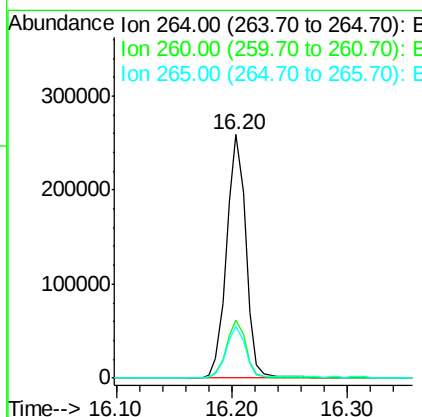
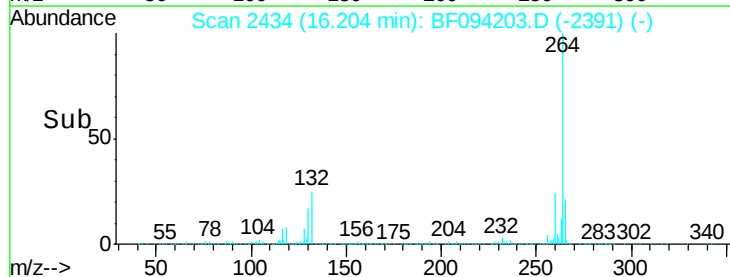
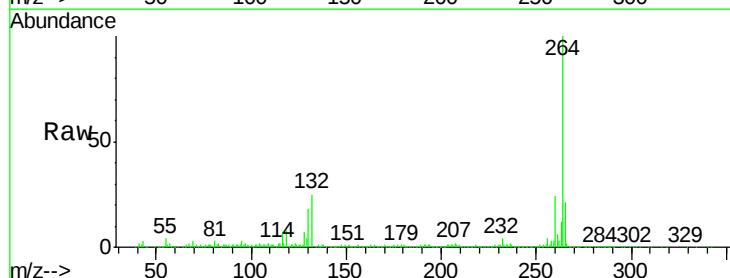
Manual Integrations
APPROVED

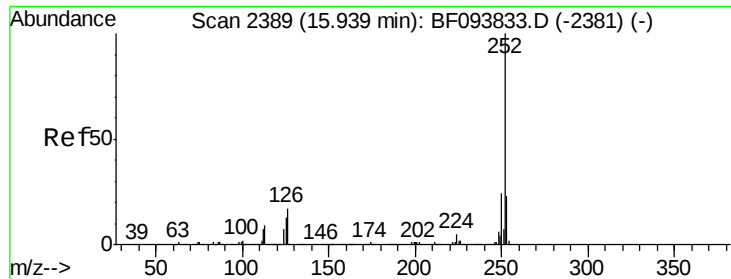
mohammad
4/6/2017 3:38:36 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		300609		
260	23.8	19.5	29.3		
265	21.2	17.2	25.8		





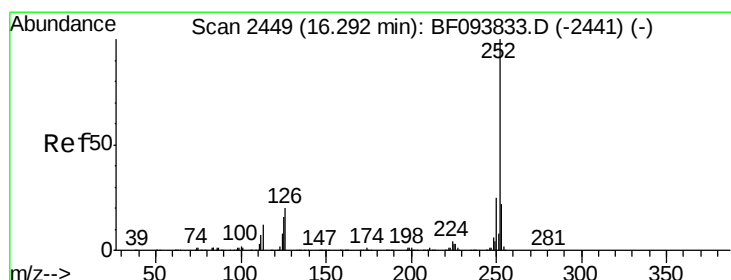
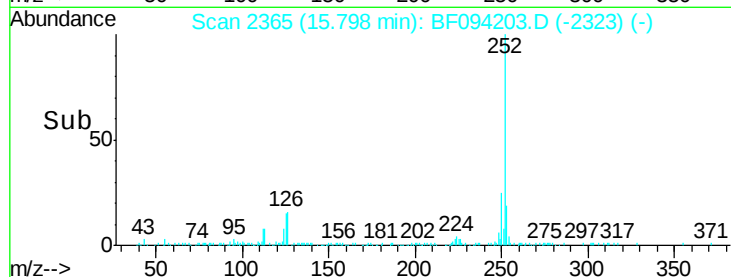
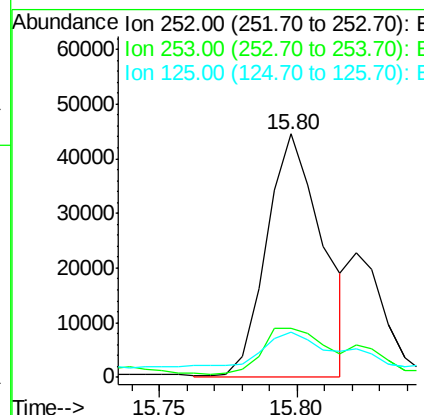
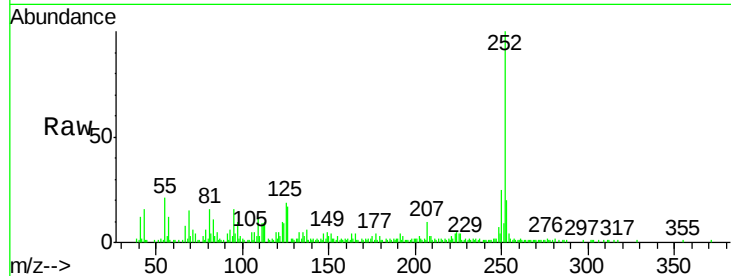
#87
Benzo(b)fluoranthene
Concen: 3.41 ng m
RT: 15.80 min Scan# 2365
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.1	27.1
125	18.8	9.8	14.8

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:36 PM



#89
Benzo(a)pyrene
Concen: 2.38 ng
RT: 16.14 min Scan# 2423
Delta R.T. -0.06 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	19.4	11.0	16.4

