

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093093.D
 Acq On : 22 Feb 2017 23:28
 Operator : SJ/MA
 Sample : I1931-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-3

Manual Integrations
 APPROVED

mohammad
 2/23/2017 1:16:21 PM

Quant Time: Feb 23 00:49:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	166783	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	669147	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	319320	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	596996	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	486338	20.00	ng	-0.03
86) Perylene-d12	15.41	264	339788	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	86122	8.86	ng	-0.01
7) Phenol-d6	6.48	99	722471	57.76	ng	-0.01
23) Nitrobenzene-d5	7.40	82	963005	80.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	984	0.43	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1450730	82.31	ng	-0.02
78) Terphenyl-d14	12.95	244	1496138	72.28	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	328679	15.28	ng	99
70) Phenanthrene	11.38	178	147995	4.33	ng	97
73) Di-n-butylphthalate	11.92	149	2314845	65.19	ng	99
74) Fluoranthene	12.57	202	197883	5.61	ng	93
77) Pyrene	12.80	202	158956	4.37	ng	97
80) Benzo(a)anthracene	13.97	228	77331	2.60	ng	98
82) Chrysene	14.02	228	64802	2.33	ng	99
87) Benzo(b)fluoranthene	15.00	252	71954m	3.22	ng	
89) Benzo(a)pyrene	15.36	252	41232	2.13	ng	98

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

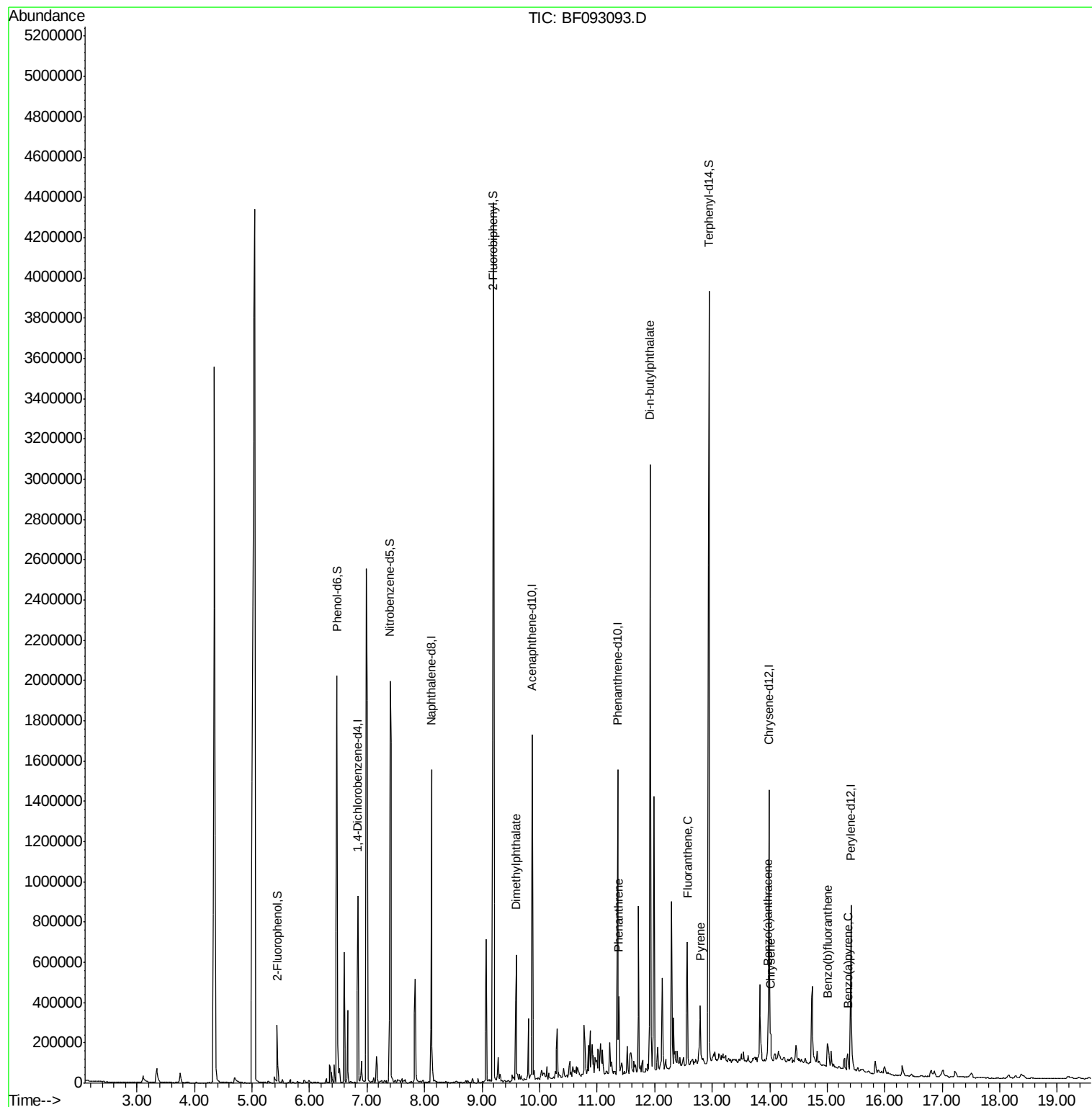
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093093.D
Acq On : 22 Feb 2017 23:28
Operator : SJ/MA
Sample : I1931-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

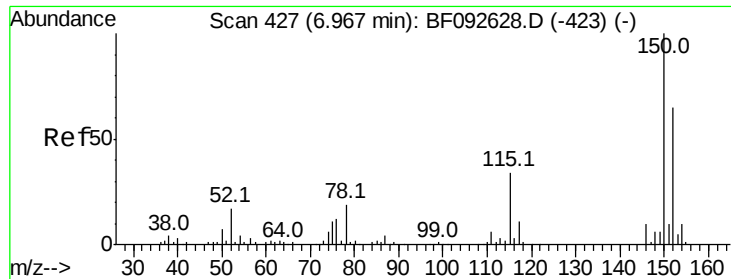
Instrument :
BNA_F
ClientSampleId :
P-3

Manual Integrations
APPROVED

mohammad
2/23/2017 1:16:21 PM

Quant Time: Feb 23 00:49:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093093.D

Acq: 22 Feb 2017 23:28

Instrument :

BNA_F

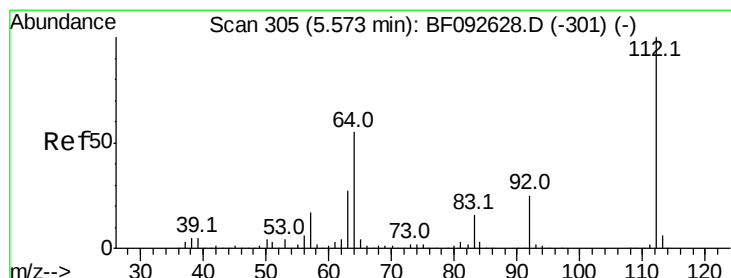
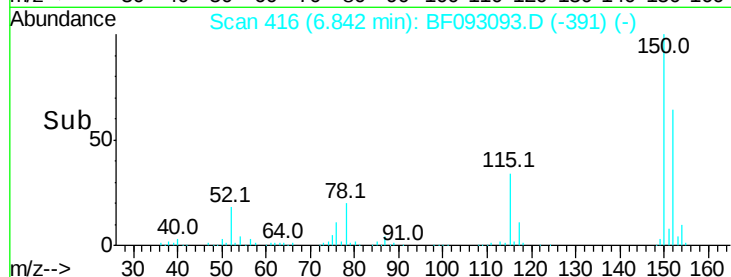
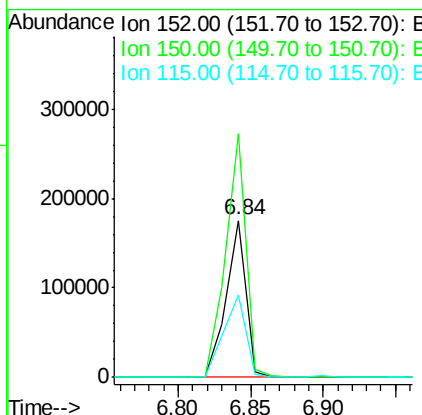
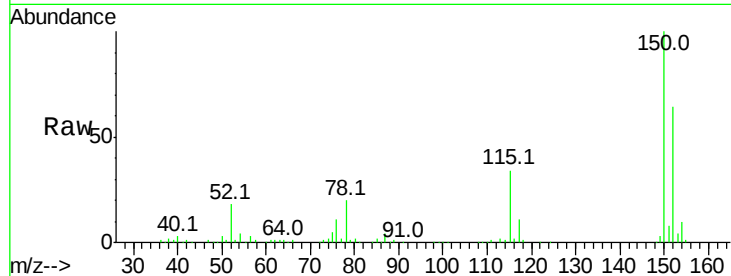
ClientSampleId :

P-3

Tot Ion:	152	Resp:	166783
Ion Ratio	Lower	Upper	
152	100		
150	155.5	124.9	187.3
115	52.5	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/23/2017 1:16:21 PM



#5

2-Fluorophenol

Concen: 8.86 ng

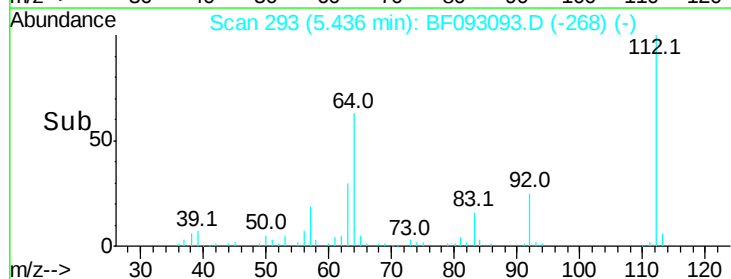
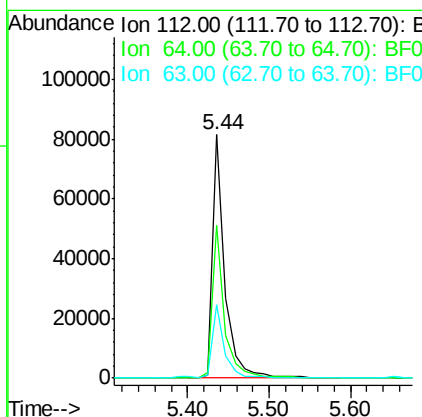
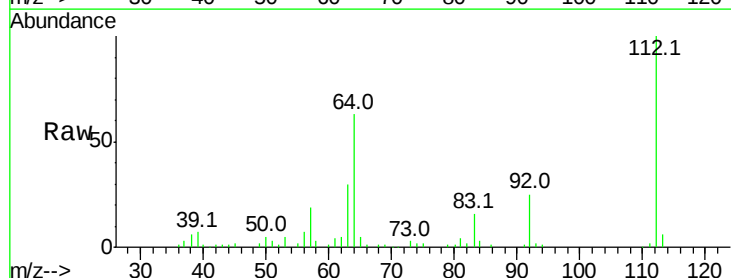
RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093093.D

Acq: 22 Feb 2017 23:28

Tgt Ion:	112	Resp:	86122
Ion Ratio	Lower	Upper	
112	100		
64	62.9	46.1	69.1
63	30.2	23.8	35.6





#7

Phenol-d6

Concen: 57.76 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093093.D

Acq: 22 Feb 2017 23:28

Instrument :

BNA_F

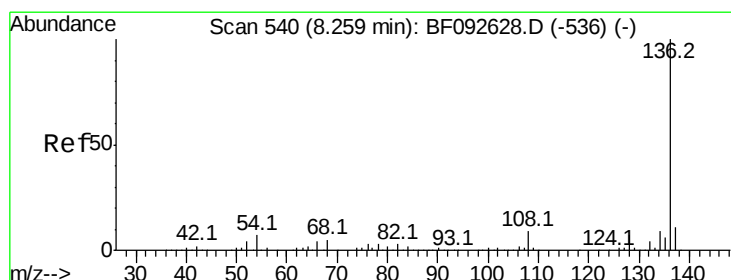
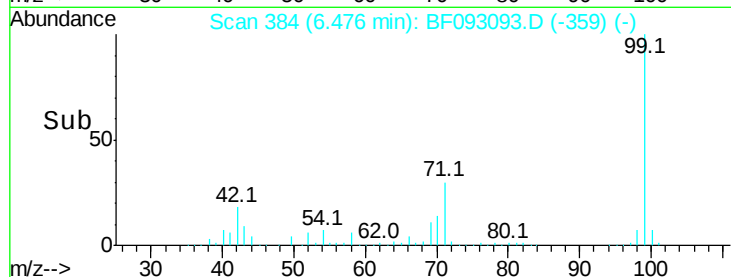
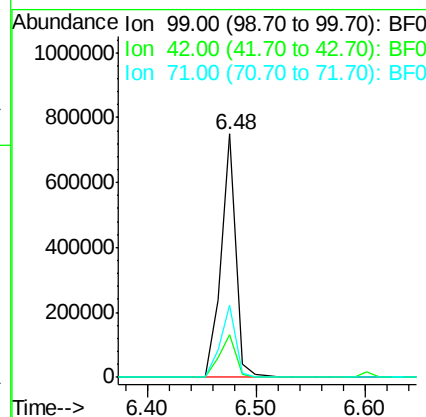
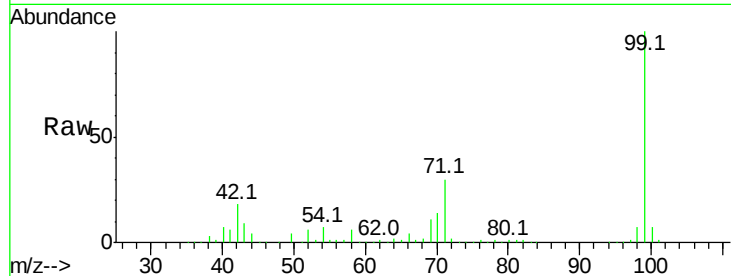
ClientSampled :

P-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		722471		
42	17.6	15.6	23.4		
71	29.8	27.5	41.3		

Manual Integrations
APPROVED

mohammad
2/23/2017 1:16:21 PM



#21

Naphthalene-d8

Concen: 20.00 ng

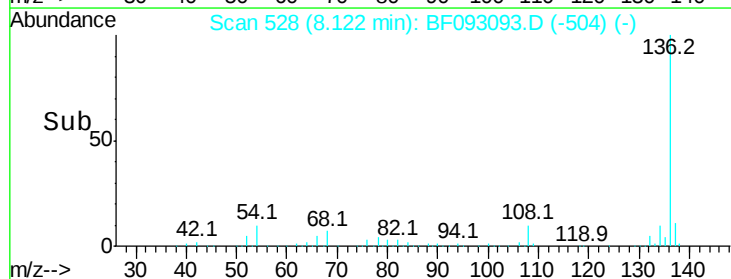
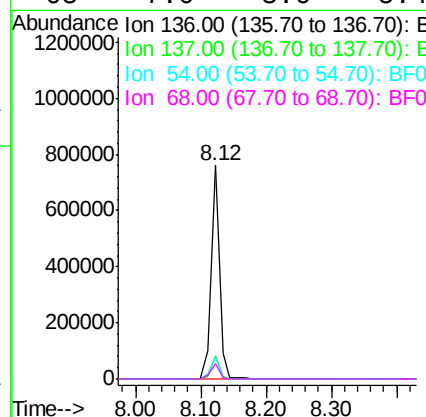
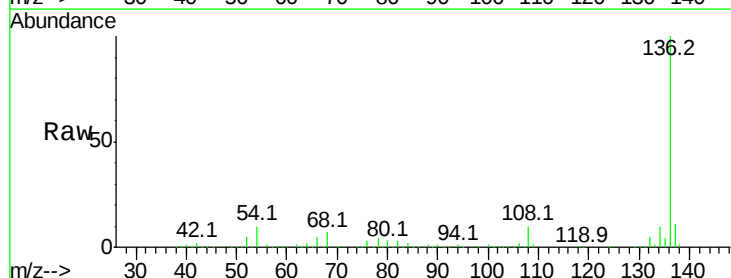
RT: 8.12 min Scan# 528

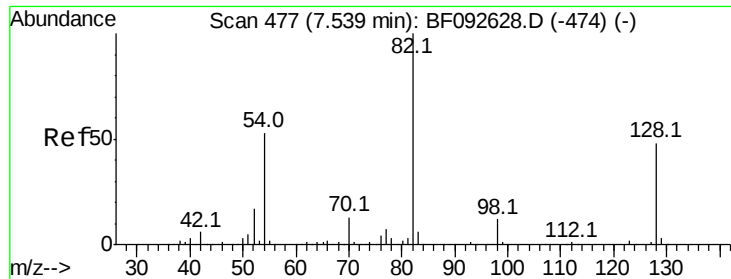
Delta R.T. -0.02 min

Lab File: BF093093.D

Acq: 22 Feb 2017 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		669147		
137	10.9	8.4	12.6		
54	10.1	4.5	6.7#		
68	7.0	3.6	5.4#		





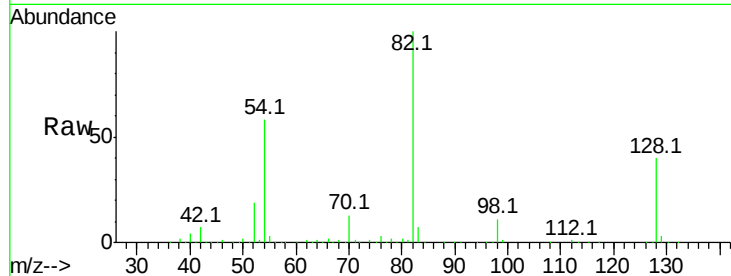
#23
Nitrobenzene-d5
Concen: 80.14 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093093.D
Acq: 22 Feb 2017 23:28

Instrument :
BNA_F
ClientSampled :
P-3

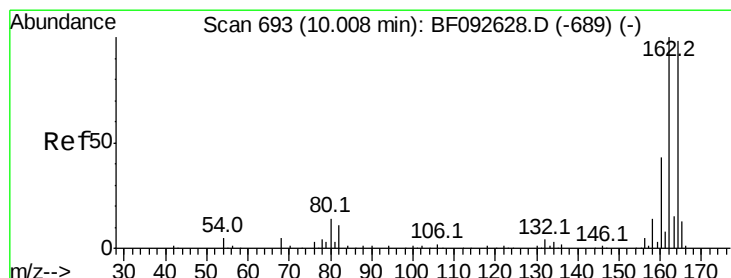
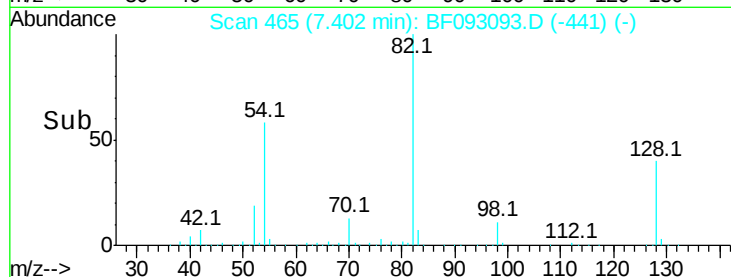
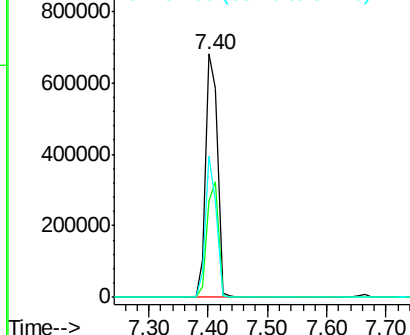
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.6	52.0
54	58.1	39.5	59.3

Manual Integrations
APPROVED

mohammad
2/23/2017 1:16:21 PM



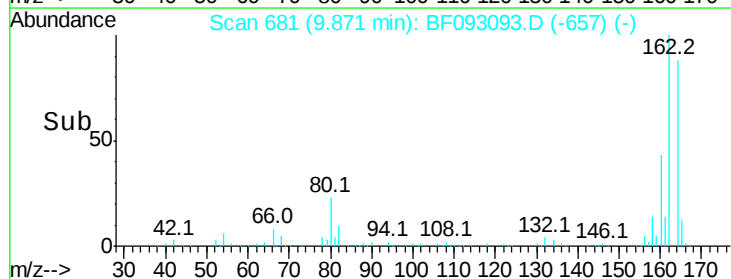
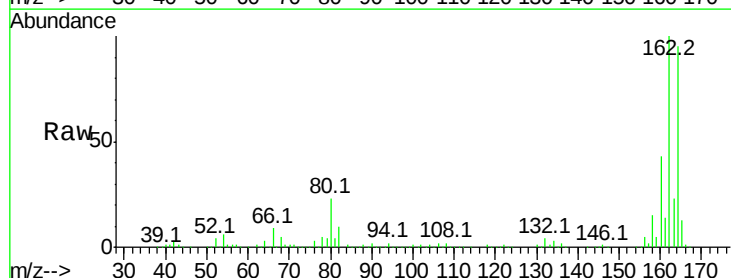
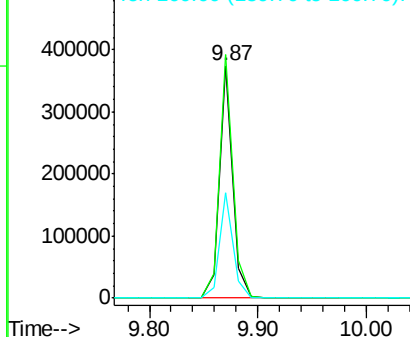
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

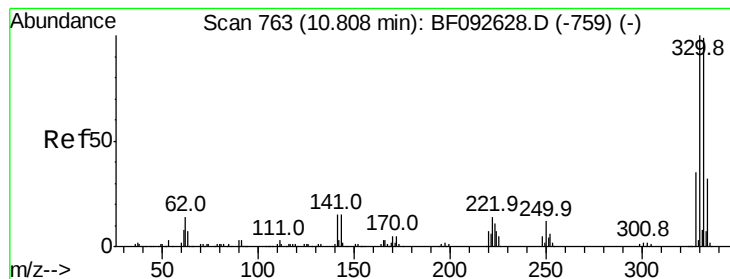


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093093.D
Acq: 22 Feb 2017 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.2	120.2
160	45.1	36.9	55.3

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





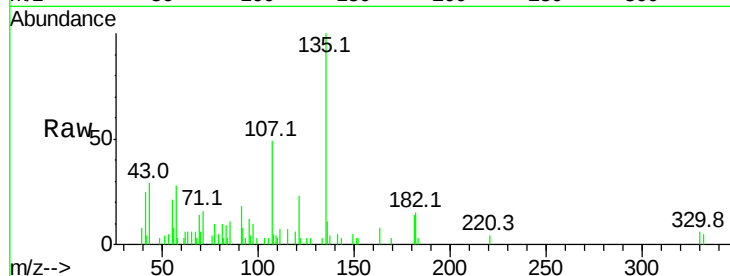
#41
 2,4,6-Tribromophenol
 Concen: 0.43 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF093093.D
 Acq: 22 Feb 2017 23:28

Instrument :
 BNA_F
 ClientSampled :
 P-3

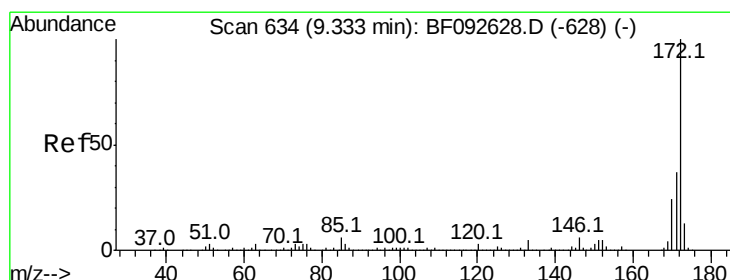
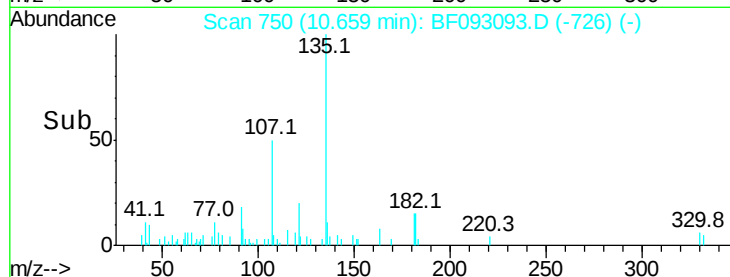
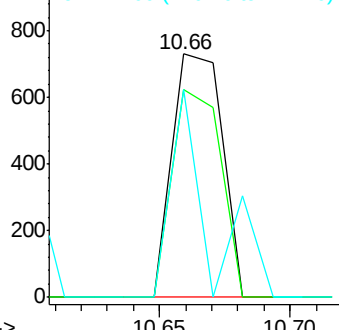
Tot Ion	Ratio	Lower	Upper
330	100		
332	83.2	77.4	116.2
141	64.6	34.1	51.1#

Manual Integrations
 APPROVED

mohammad
 2/23/2017 1:16:21 PM



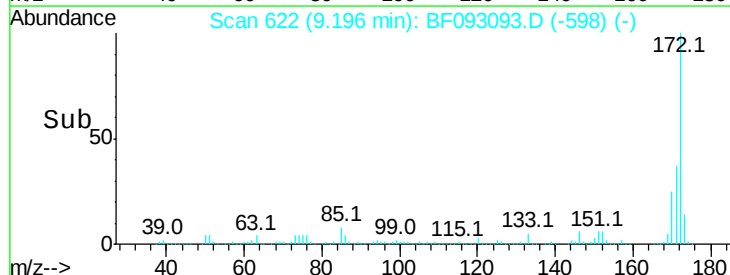
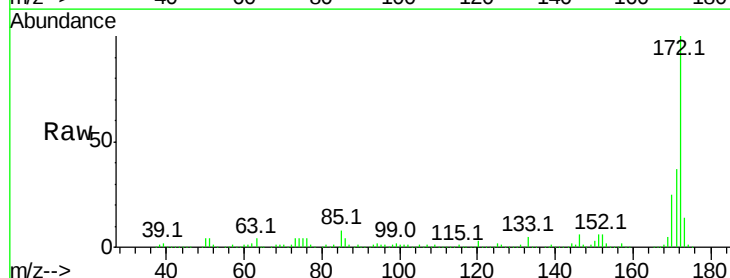
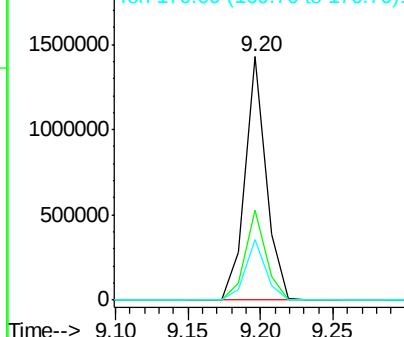
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

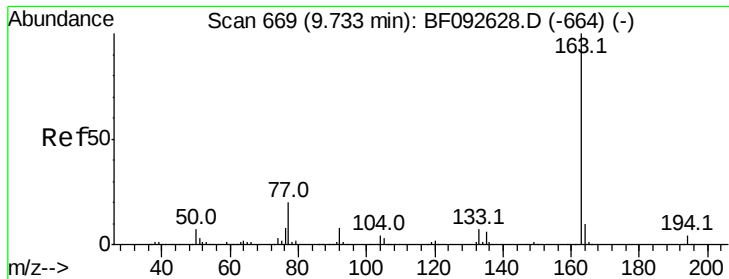


#44
 2-Fluorobiphenyl
 Concen: 82.31 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093093.D
 Acq: 22 Feb 2017 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.9	20.2	30.4

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





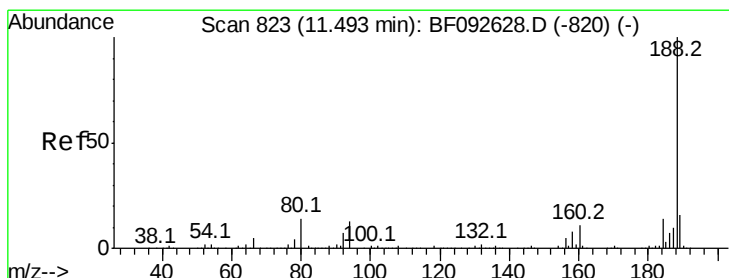
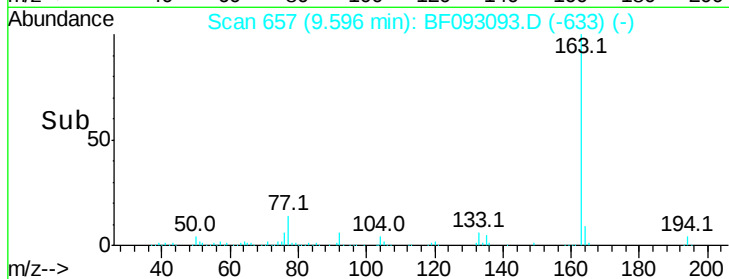
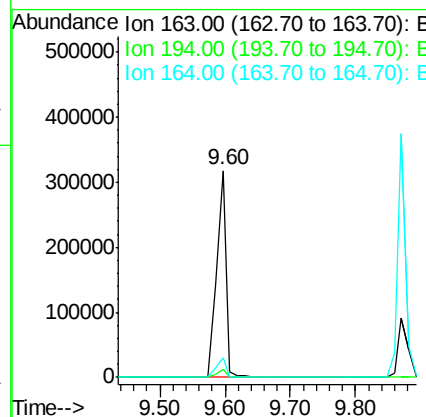
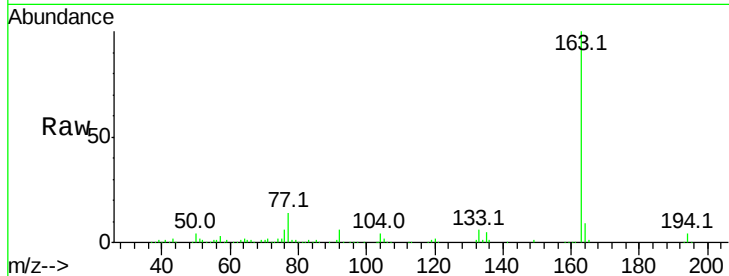
#49
Dimethylphthalate
Concen: 15.28 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093093.D
Acq: 22 Feb 2017 23:28

Instrument :
BNA_F
ClientSampled :
P-3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	328679		
194	3.9		3.0	4.4
164	9.3		8.0	12.0

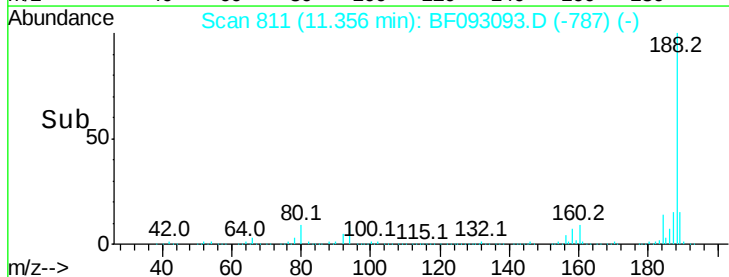
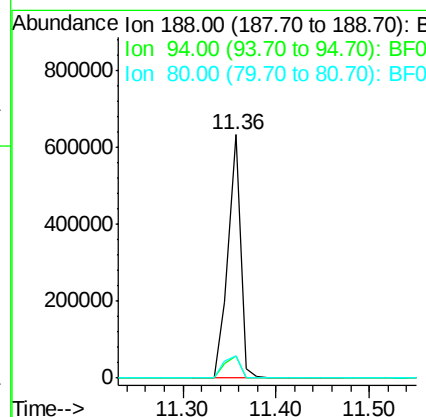
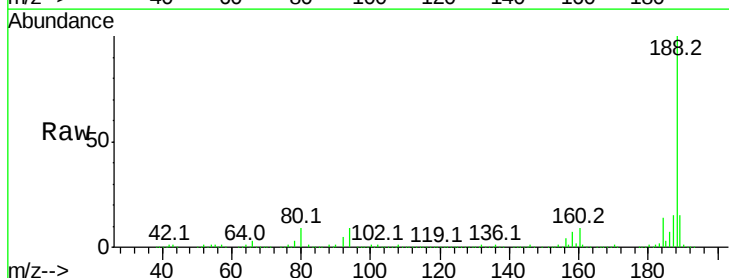
Manual Integrations
APPROVED

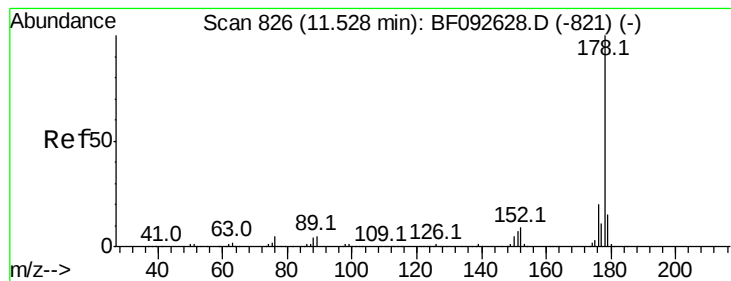
mohammad
2/23/2017 1:16:21 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093093.D
Acq: 22 Feb 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	596996		
94	9.2		10.0	15.0#
80	9.3		11.2	16.8#





#70

Phenanthrene

Concen: 4.33 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF093093.D

Acq: 22 Feb 2017 23:28

Instrument :

BNA_F

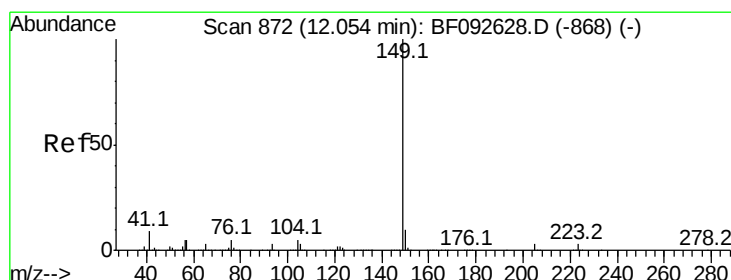
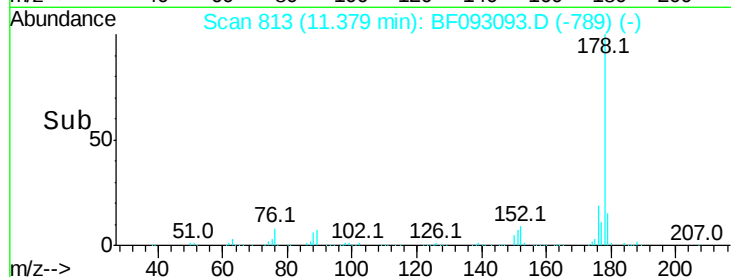
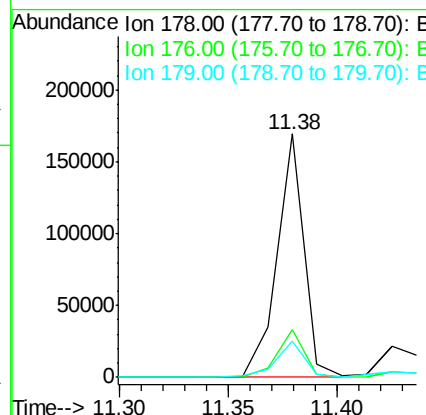
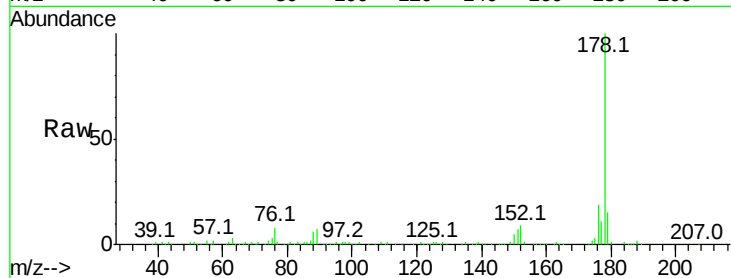
ClientSampleId :

P-3

Tot Ion:	178	Resp:	147995
Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	14.7	12.8	19.2

Manual Integrations
APPROVED

mohammad
2/23/2017 1:16:21 PM



#73

Di-n-butylphthalate

Concen: 65.19 ng

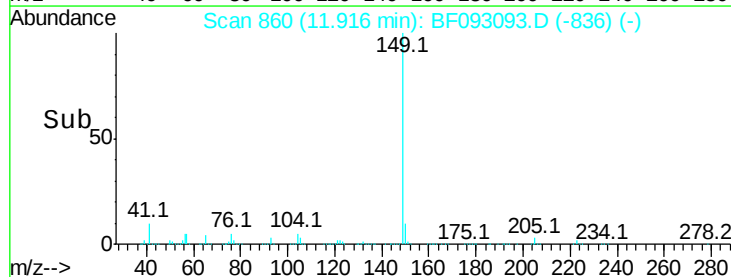
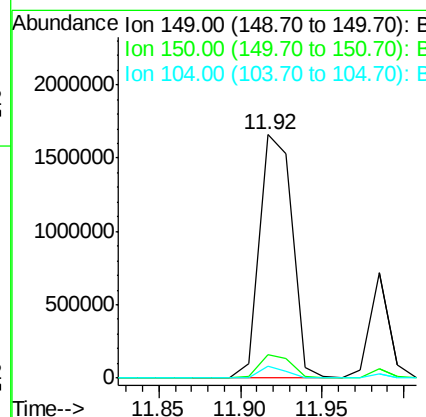
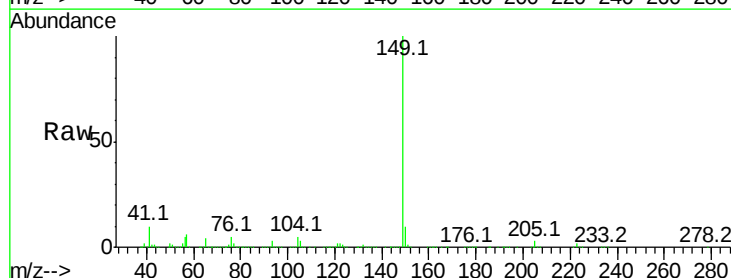
RT: 11.92 min Scan# 860

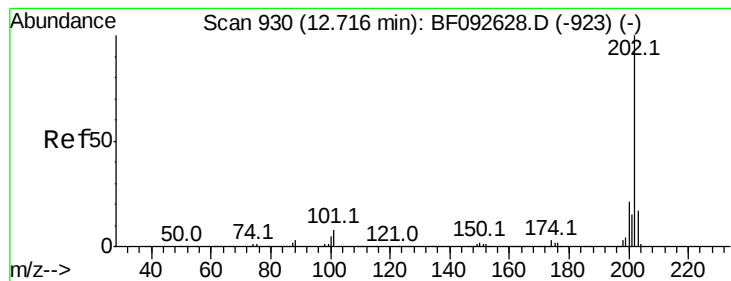
Delta R.T. -0.02 min

Lab File: BF093093.D

Acq: 22 Feb 2017 23:28

Tgt Ion:	149	Resp:	2314845
Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	4.9	4.6	7.0





#74

Fluoranthene

Concen: 5.61 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF093093.D

Acq: 22 Feb 2017 23:28

Instrument :

BNA_F

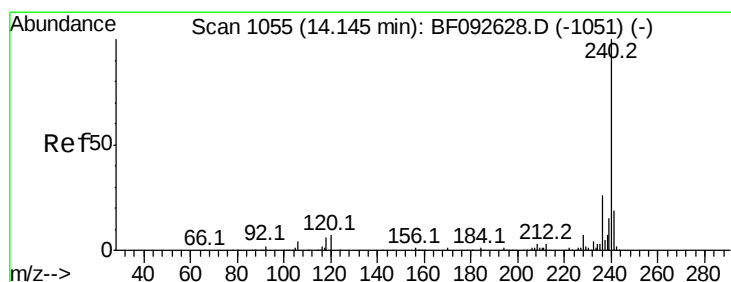
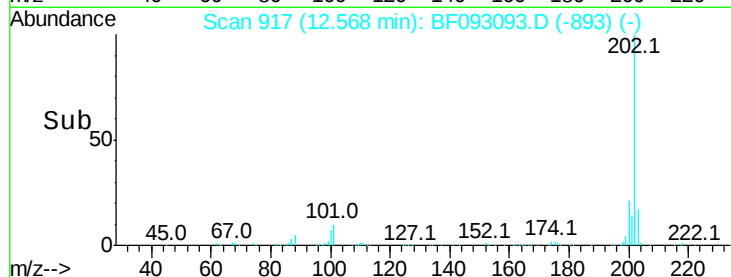
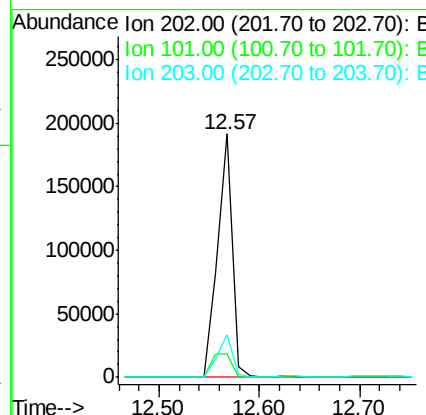
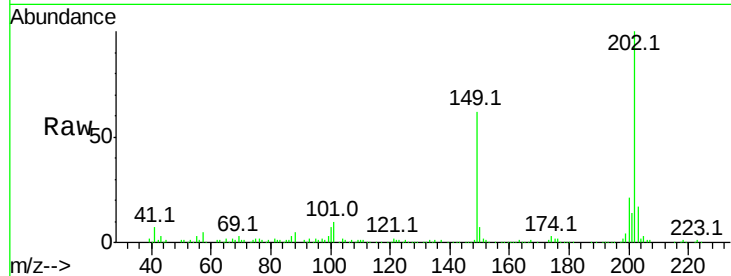
ClientSampled :

P-3

Tot Ion:	202	Resp:	197883
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.6
203	17.3	0.0	38.7

Manual Integrations
APPROVED

mohammad
2/23/2017 1:16:21 PM



#75

Chrysene-d12

Concen: 20.00 ng

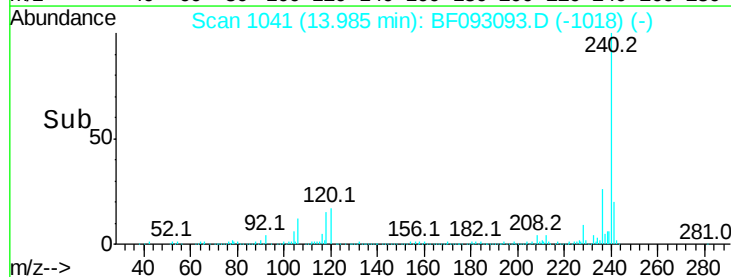
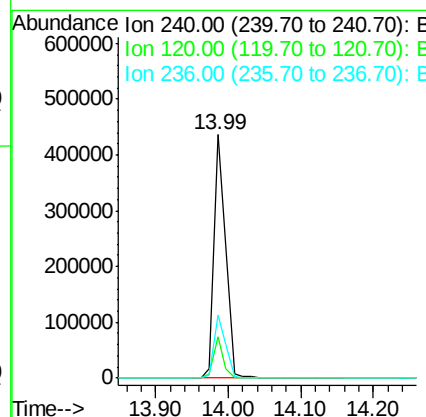
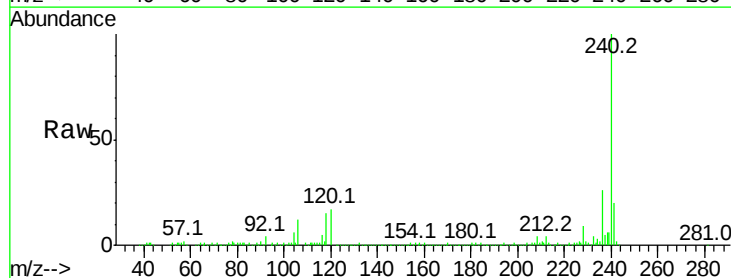
RT: 13.99 min Scan# 1041

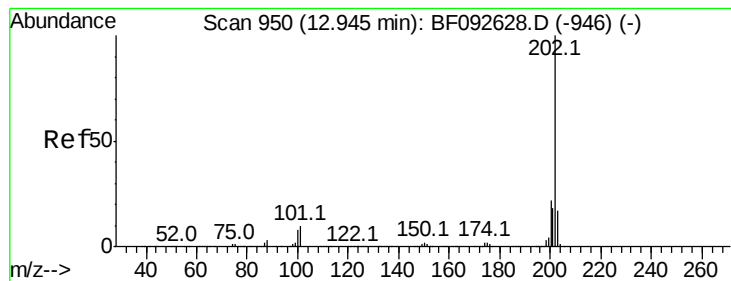
Delta R.T. -0.03 min

Lab File: BF093093.D

Acq: 22 Feb 2017 23:28

Tgt Ion:	240	Resp:	486338
Ion Ratio	Lower	Upper	
240	100		
120	17.2	12.9	19.3
236	26.2	20.9	31.3





#77

Pvrene

Concen: 4.37 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF093093.D

Acq: 22 Feb 2017 23:28

Instrument :

BNA_F

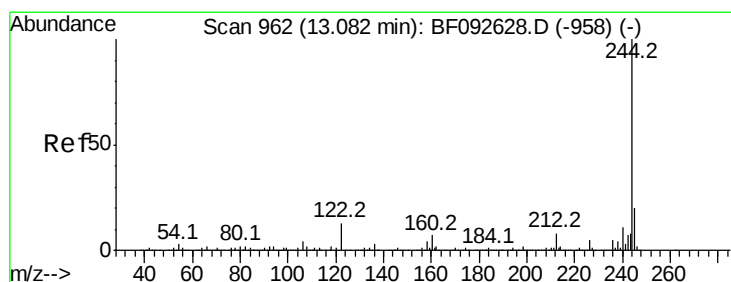
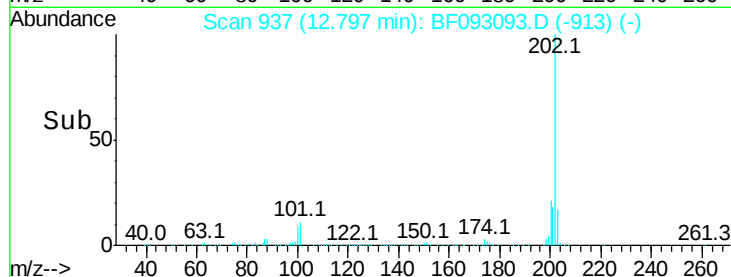
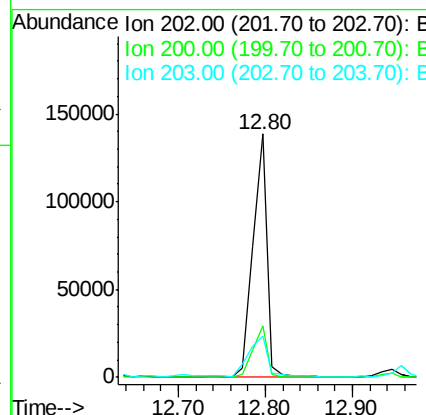
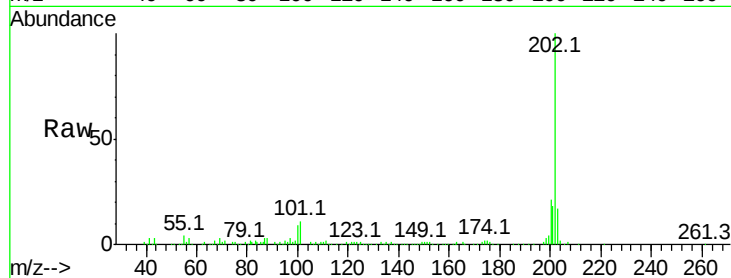
ClientSampleId :

P-3

Tot Ion:	202	Resp:	158956
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	17.2	14.7	22.1

Manual Integrations
APPROVED

mohammad
2/23/2017 1:16:21 PM



#78

Terphenyl-d14

Concen: 72.28 ng

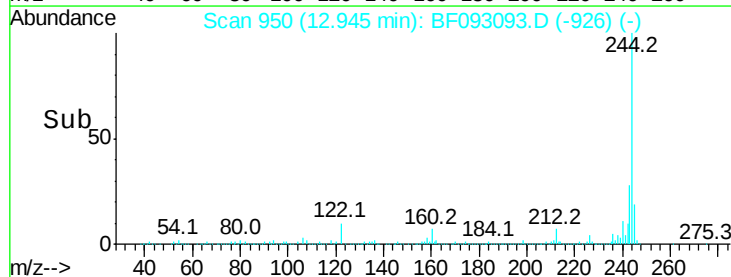
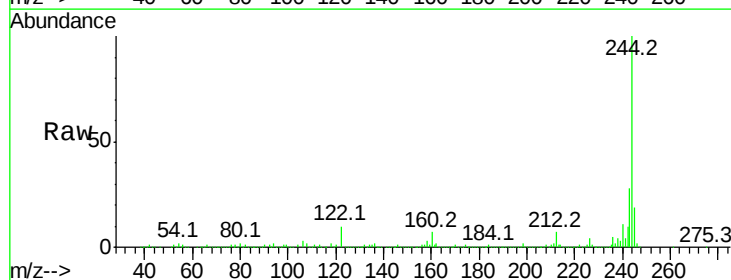
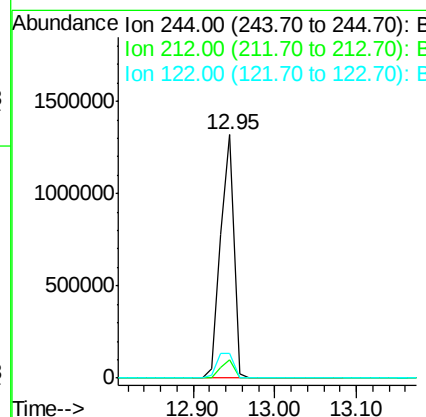
RT: 12.95 min Scan# 950

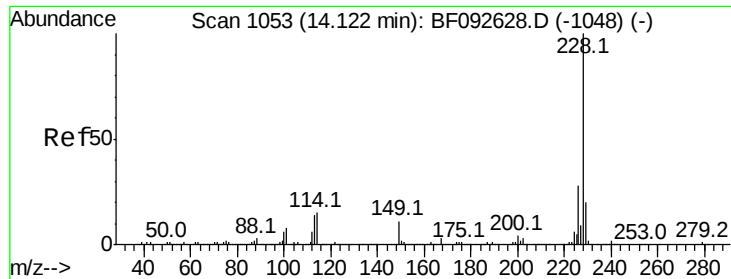
Delta R.T. -0.02 min

Lab File: BF093093.D

Acq: 22 Feb 2017 23:28

Tgt Ion:	244	Resp:	1496138
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	10.0	11.4	17.2#





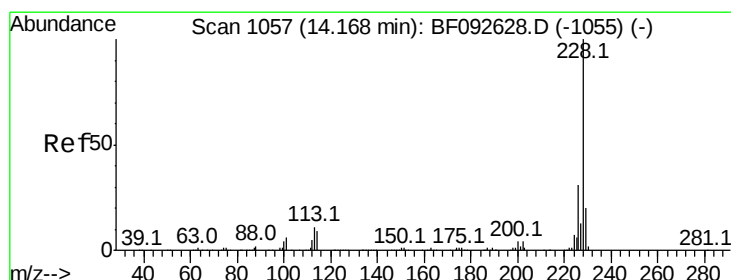
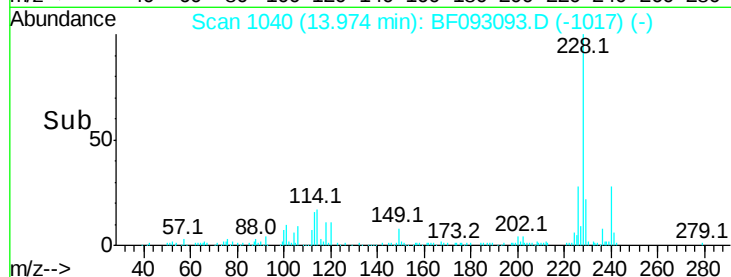
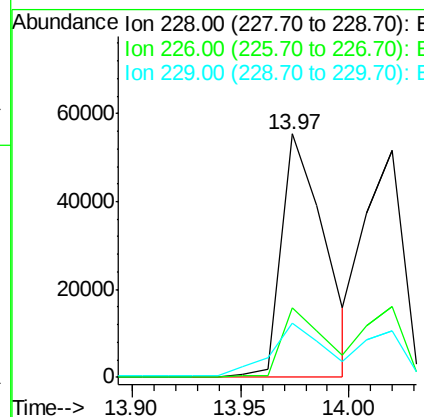
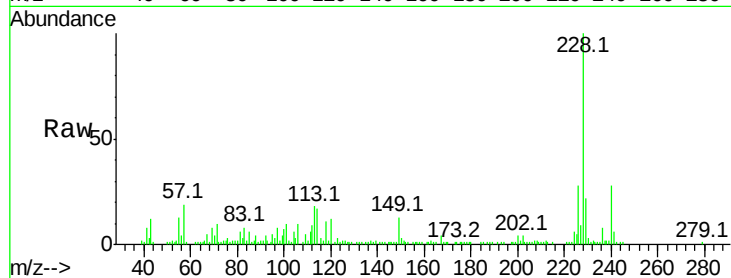
#80
Benzo(a)anthracene
Concen: 2.60 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093093.D
Acq: 22 Feb 2017 23:28

Instrument :
BNA_F
ClientSampled :
P-3

Tot Ion:228	Resp:	77331
Ion Ratio	Lower	Upper
228 100		
226 28.3	22.4	33.6
229 22.1	16.2	24.4

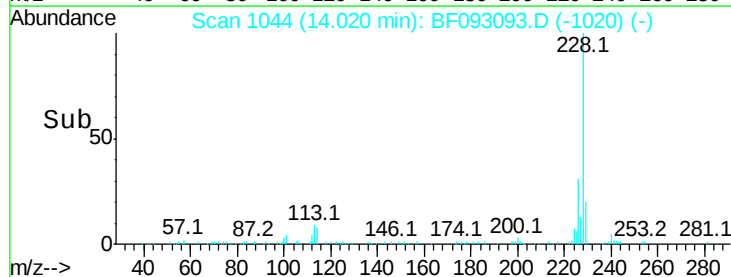
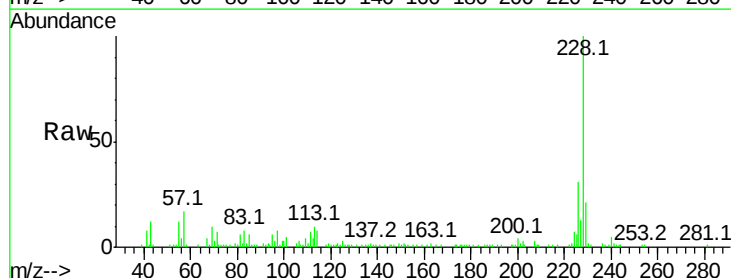
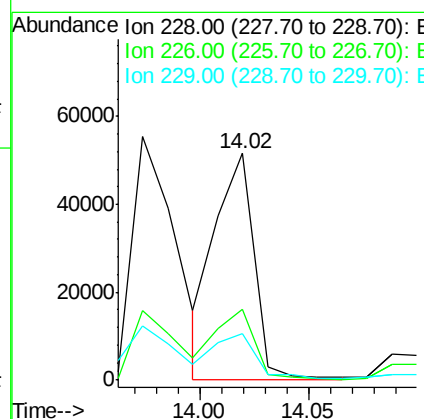
Manual Integrations
APPROVED

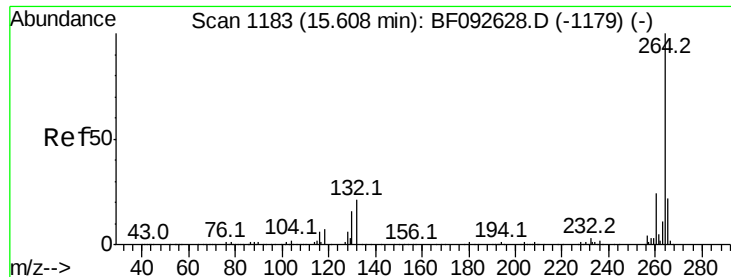
mohammad
2/23/2017 1:16:21 PM



#82
Chrysene
Concen: 2.33 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF093093.D
Acq: 22 Feb 2017 23:28

Tgt Ion:228	Resp:	64802
Ion Ratio	Lower	Upper
228 100		
226 31.0	25.4	38.0
229 20.7	16.2	24.2





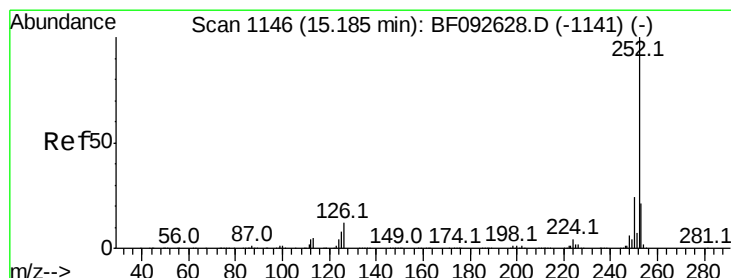
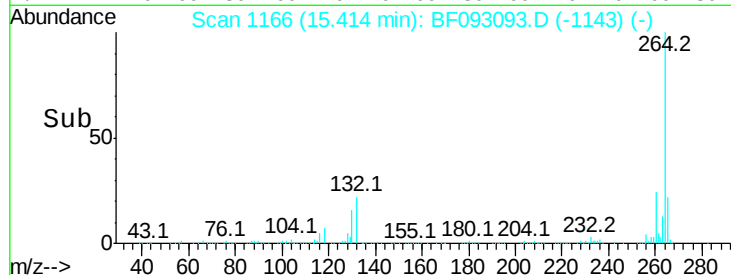
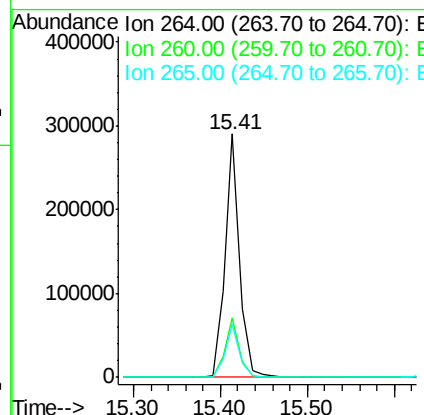
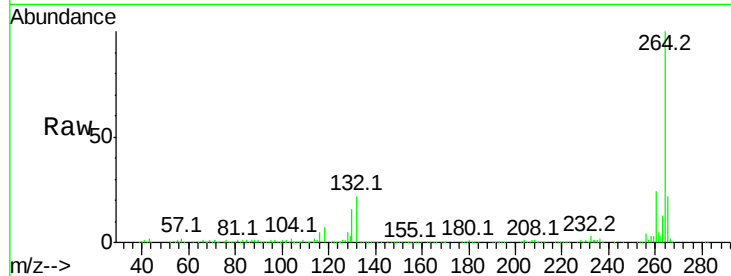
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093093.D
Acq: 22 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
P-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.4	26.0

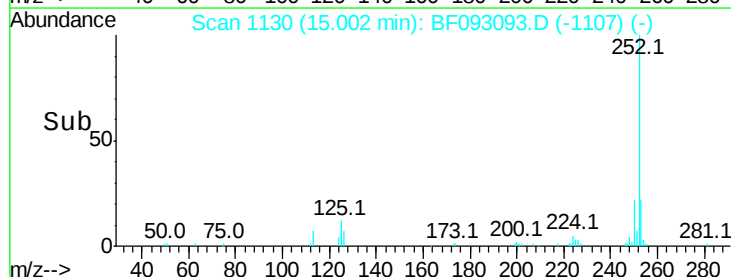
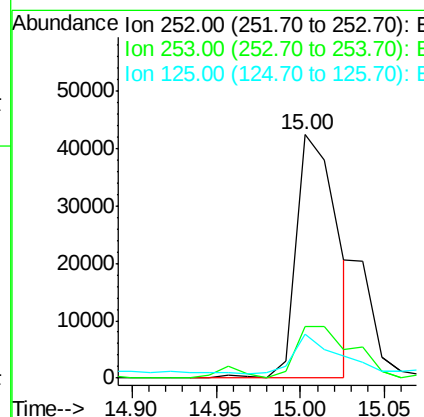
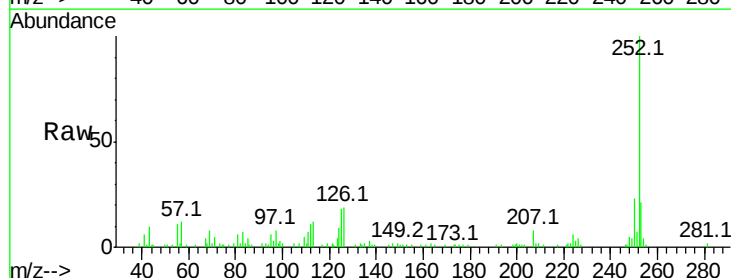
Manual Integrations
APPROVED

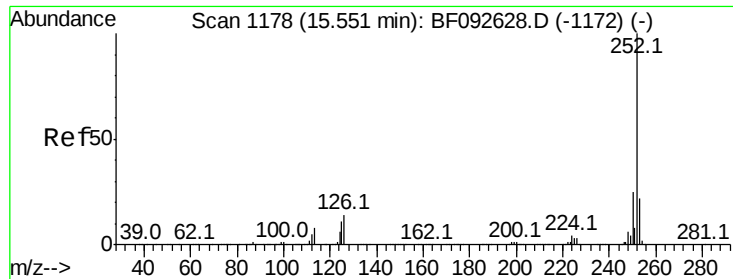
mohammad
2/23/2017 1:16:21 PM



#87
Benzo(b)fluoranthene
Concen: 3.22 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093093.D
Acq: 22 Feb 2017 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	18.0	9.8	14.6#





#89

Benzo(a)pyrene

Concen: 2.13 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.03 min

Lab File: BF093093.D

Acq: 22 Feb 2017 23:28

Instrument :

BNA_F

ClientSampleId :

P-3

Tot Ion:	252	Resp:	41232
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	13.8	10.0	15.0

Manual Integrations
APPROVED

mohammad
2/23/2017 1:16:21 PM

