

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092794.D
 Acq On : 3 Feb 2017 23:55
 Operator : SJ/MA
 Sample : I1690-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMP

Manual Integrations
 APPROVED

mohammad
 2/6/2017 12:34:13 PM

Quant Time: Feb 04 01:00:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143799	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	550000	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	313849	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	546933	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	404656	20.00	ng	-0.05
86) Perylene-d12	15.56	264	343975	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	835871	99.73	ng	-0.04
7) Phenol-d6	6.57	99	1194953	110.80	ng	-0.03
23) Nitrobenzene-d5	7.48	82	686597	69.52	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	245553	108.18	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	1202325	69.40	ng	-0.05
78) Terphenyl-d14	13.05	244	1134343	65.87	ng	-0.03
Target Compounds						
6) Aniline	6.58	93	206787	14.06	ng	Qvalue # 60
49) Dimethylphthalate	9.69	163	84891	4.02	ng	99
74) Fluoranthene	12.67	202	96473	2.98	ng	98
77) Pyrene	12.90	202	101738	3.36	ng	98
87) Benzo(b)fluoranthene	15.14	252	54555m	2.41	ng	
89) Benzo(a)pyrene	15.51	252	40809	2.08	ng	# 91

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

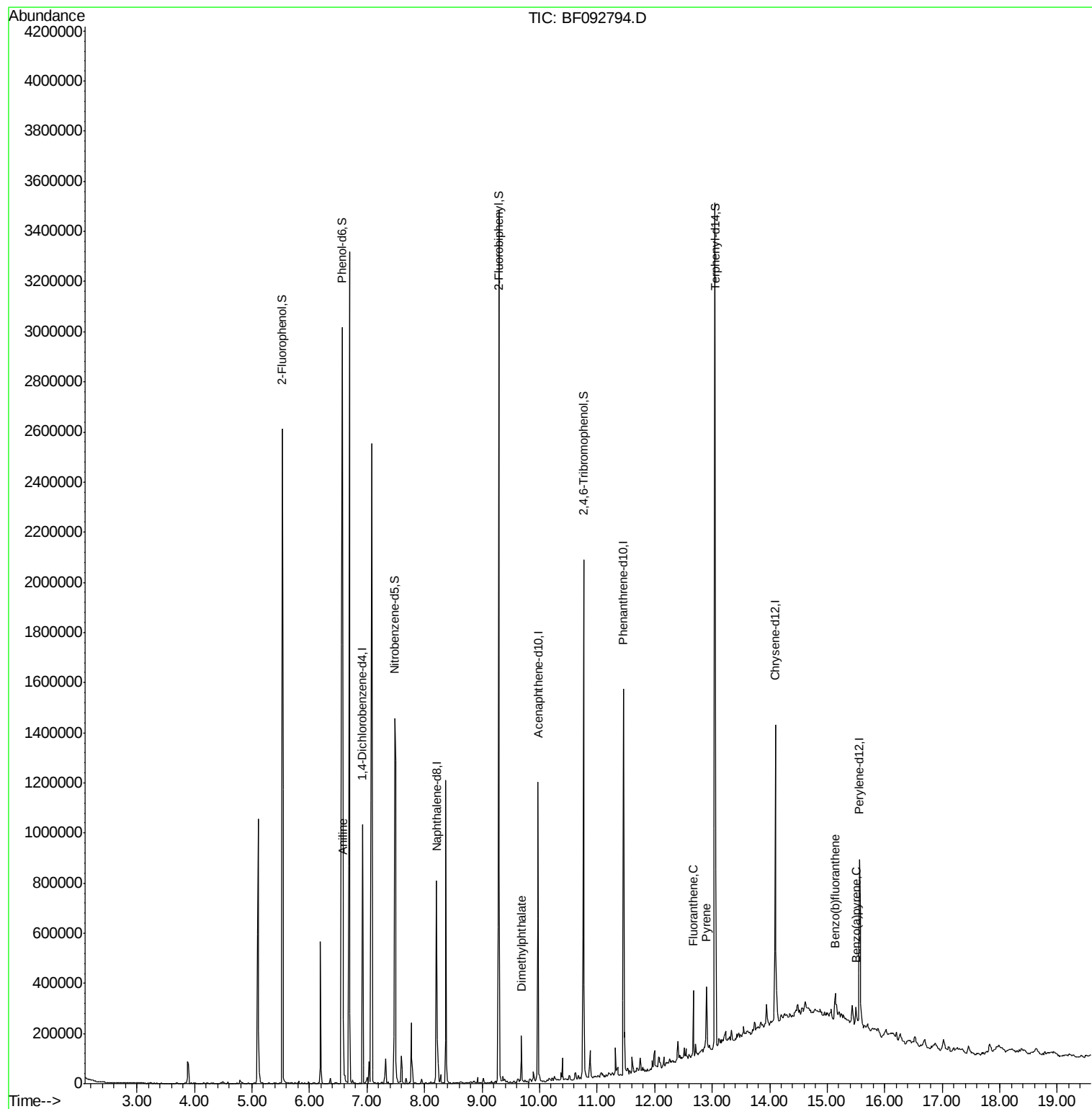
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092794.D
Acq On : 3 Feb 2017 23:55
Operator : SJ/MA
Sample : I1690-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

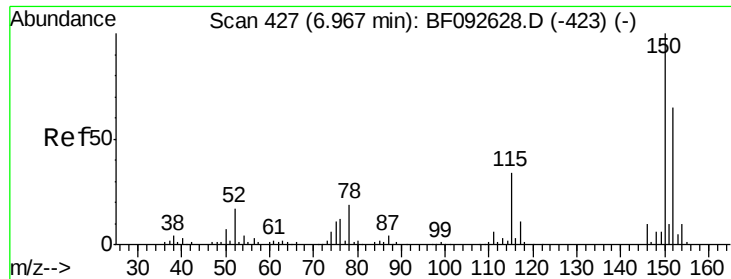
Instrument :
BNA_F
ClientSampleId :
MH-6-COMP

Manual Integrations
APPROVED

mohammad
2/6/2017 12:34:13 PM

Quant Time: Feb 04 01:00:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

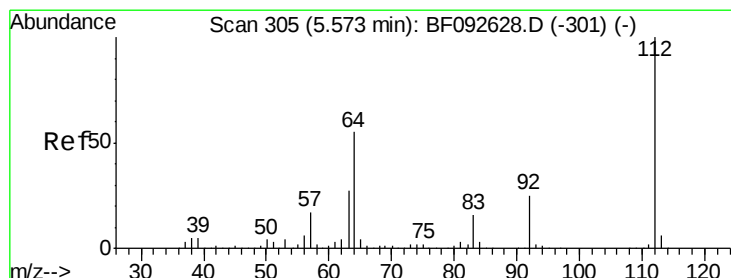
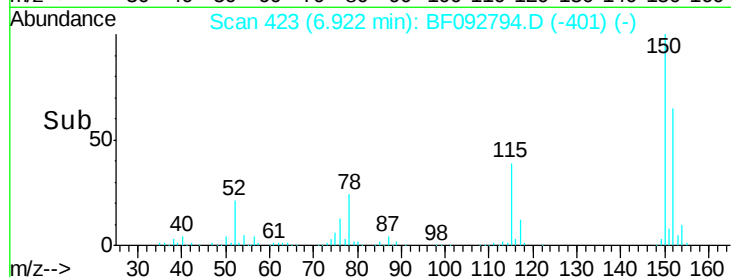
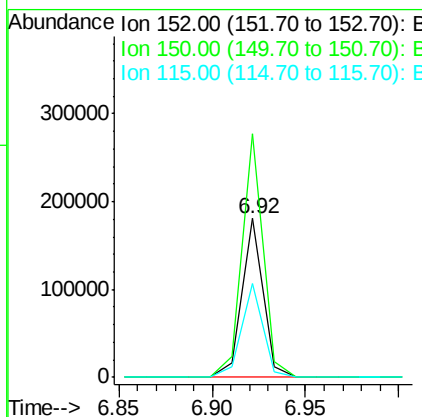
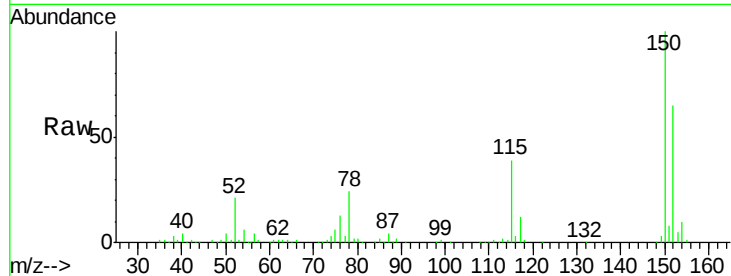
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.05 min
 Lab File: BF092794.D
 Acq: 3 Feb 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	143799		
150	153.5	124.9	187.3	
115	59.4	46.0	69.0	

Manual Integrations
 APPROVED

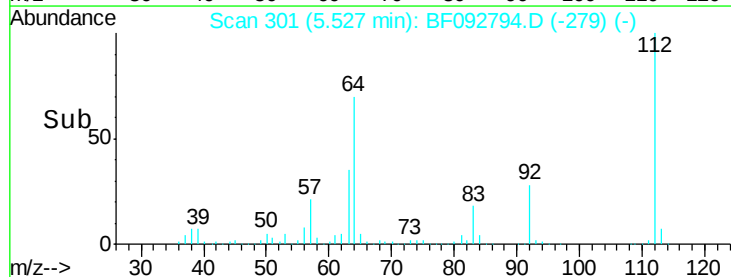
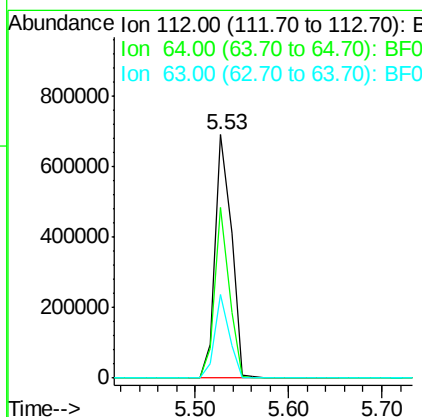
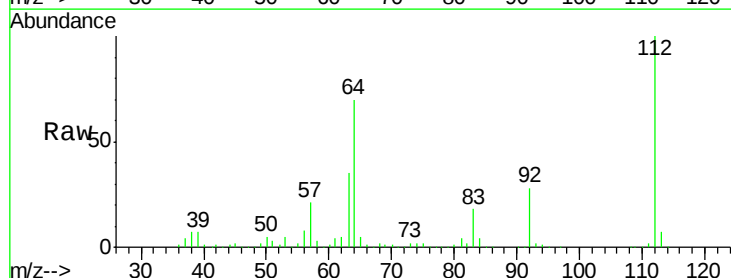
mohammad
 2/6/2017 12:34:13 PM

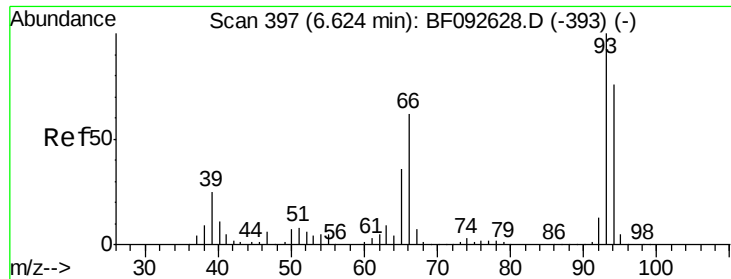


#5

2-Fluorophenol
 Concen: 99.73 ng
 RT: 5.53 min Scan# 301
 Delta R.T. -0.04 min
 Lab File: BF092794.D
 Acq: 3 Feb 2017 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	835871		
64	70.3	46.1	69.1#	
63	34.6	23.8	35.6	





#6

Aniline

Concen: 14.06 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF092794.D

Acq: 3 Feb 2017 23:55

Instrument :

BNA_F

ClientSampleId :

MH-6-COMP

Tgt Ion: 93 Resp: 206787

Ion Ratio Lower Upper

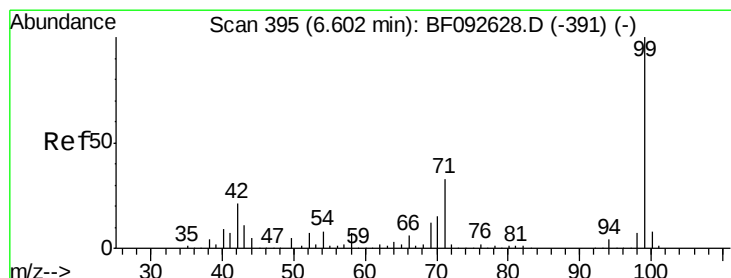
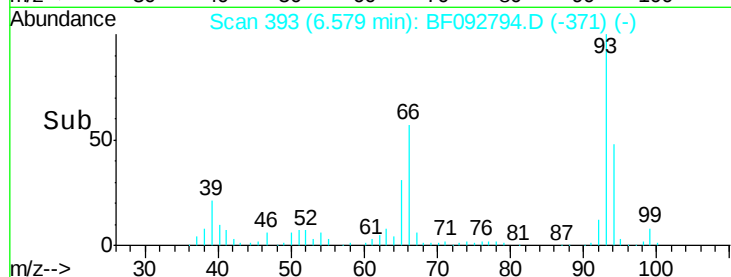
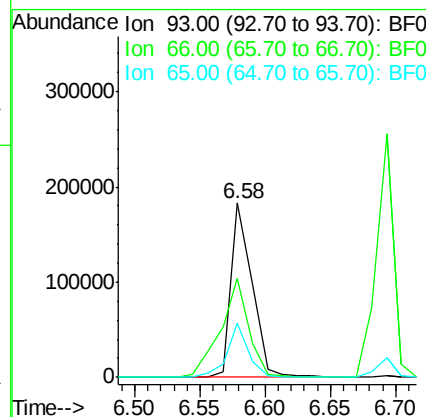
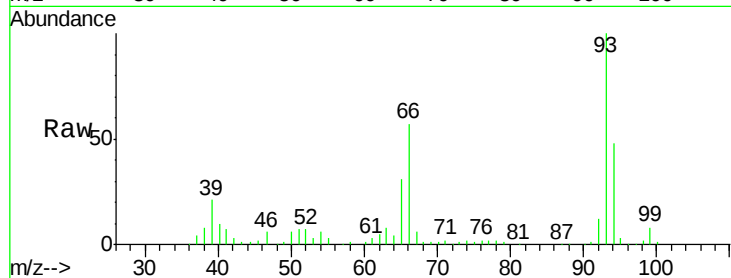
93 100

66 56.9 76.2 114.2#

65 31.0 49.3 73.9#

Manual Integrations
APPROVED

mohammad
2/6/2017 12:34:13 PM



#7

Phenol-d6

Concen: 110.80 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092794.D

Acq: 3 Feb 2017 23:55

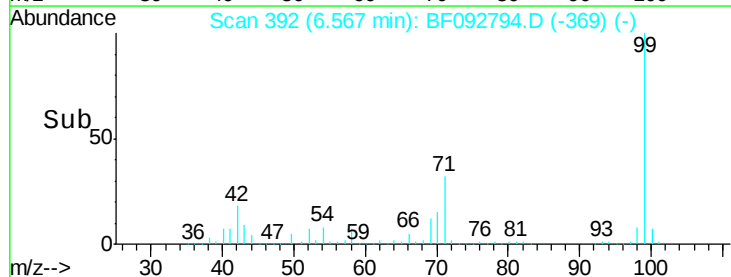
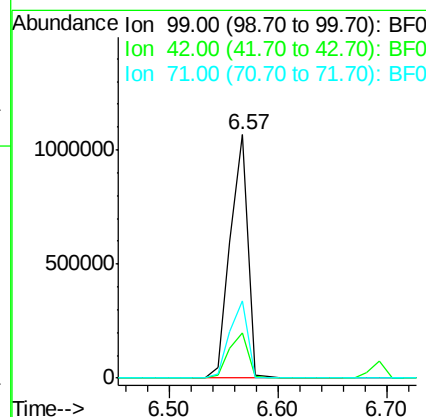
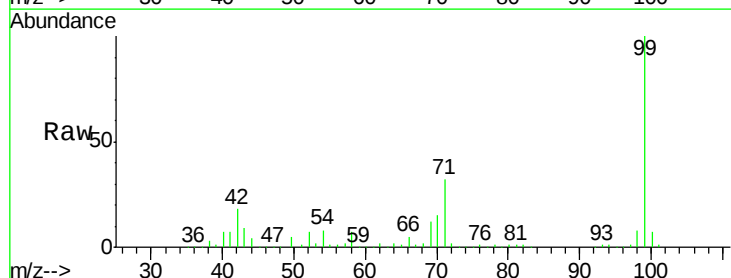
Tgt Ion: 99 Resp: 1194953

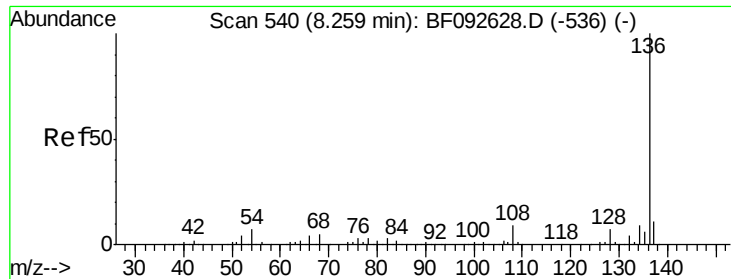
Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

71 31.9 27.5 41.3





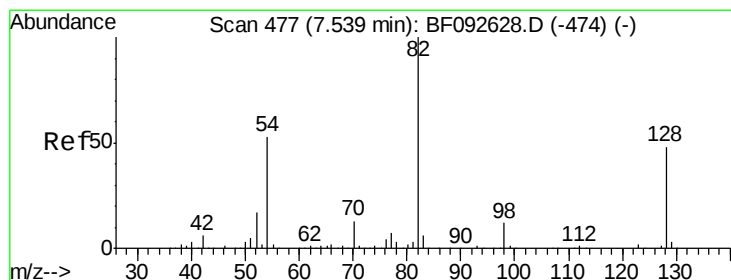
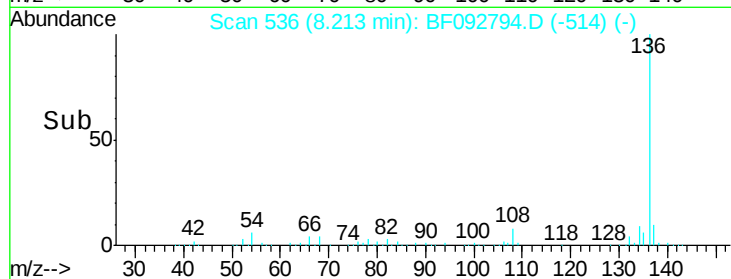
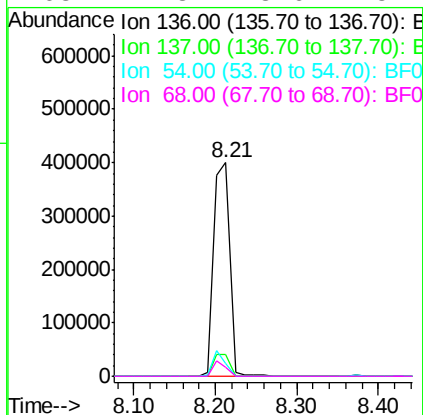
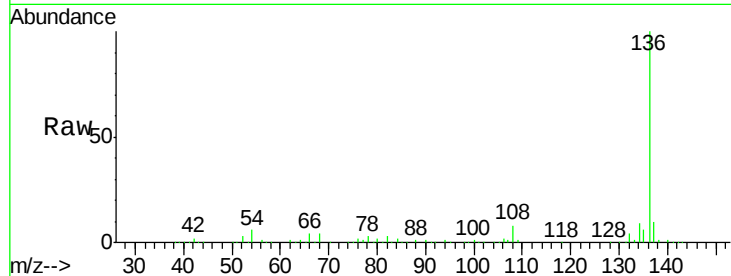
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092794.D
Acq: 3 Feb 2017 23:55

Instrument :
BNA_F
ClientSampleId :
MH-6-COMP

Tgt Ion:	136	Resp:	550000
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.4	12.6
54	6.3	4.5	6.7
68	4.3	3.6	5.4

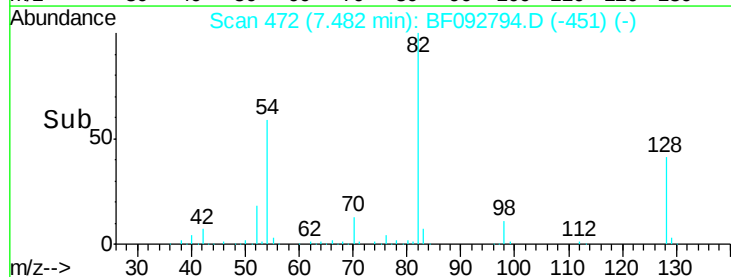
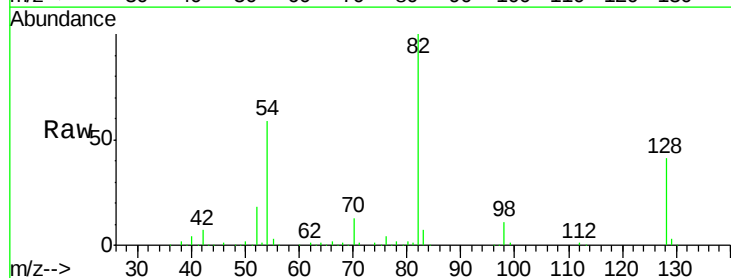
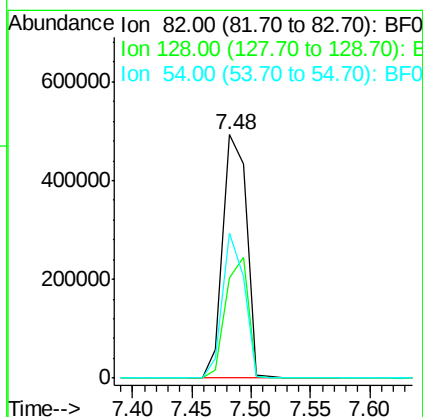
Manual Integrations
APPROVED

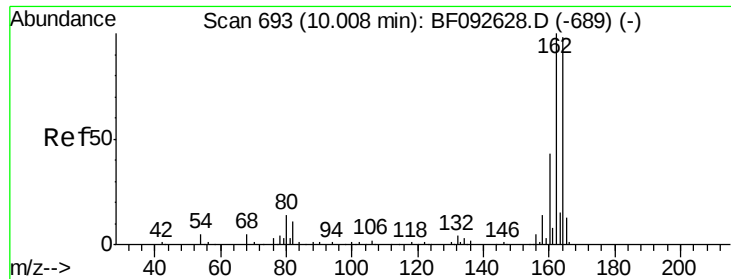
mohammad
2/6/2017 12:34:13 PM



#23
Nitrobenzene-d5
Concen: 69.52 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF092794.D
Acq: 3 Feb 2017 23:55

Tgt Ion:	82	Resp:	686597
Ion Ratio	Lower	Upper	
82	100		
128	41.0	34.6	52.0
54	59.4	39.5	59.3#





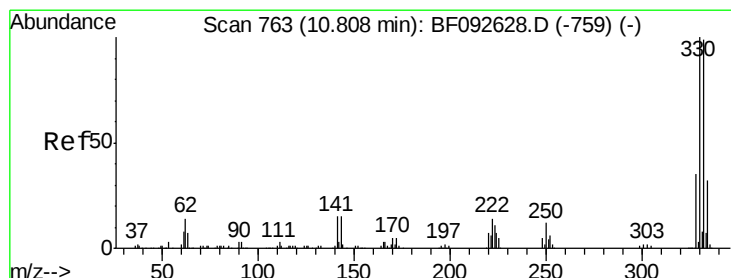
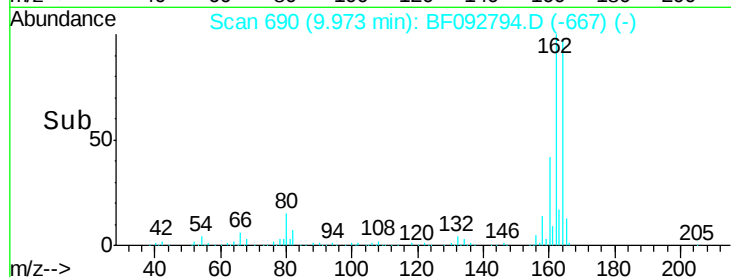
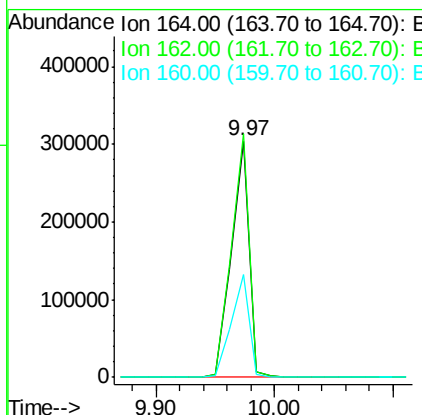
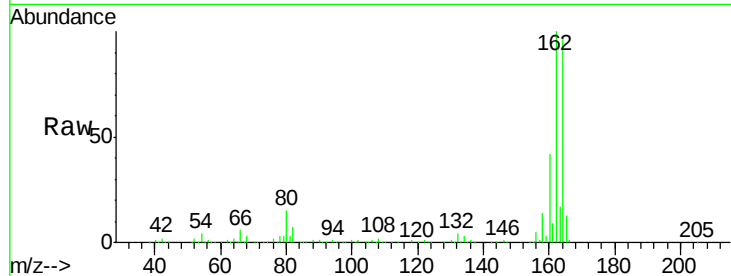
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092794.D
Acq: 3 Feb 2017 23:55

Instrument :
BNA_F
ClientSampleId :
MH-6-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	313849		
162	103.1	80.2	120.2	
160	43.3	36.9	55.3	

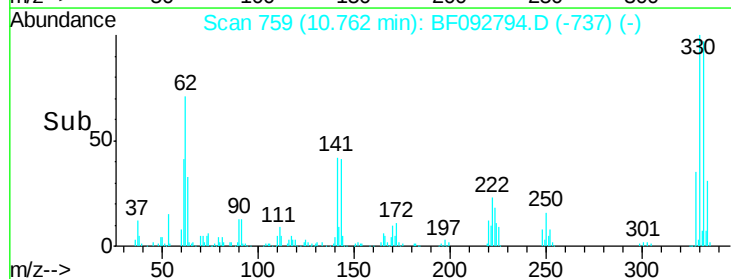
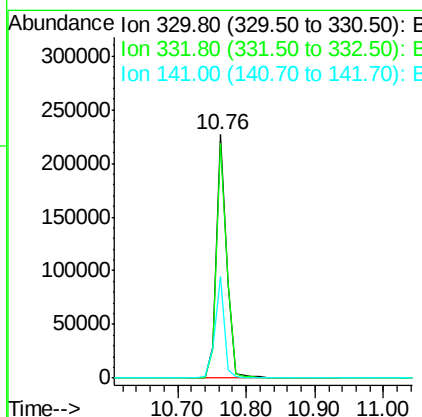
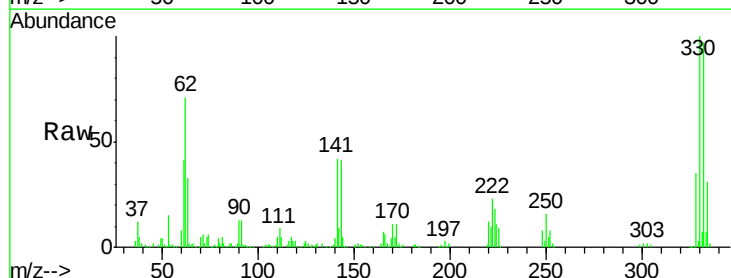
Manual Integrations
APPROVED

mohammad
2/6/2017 12:34:13 PM



#41
2,4,6-Tribromophenol
Concen: 108.18 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF092794.D
Acq: 3 Feb 2017 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	245553		
332	97.4	77.4	116.2	
141	37.8	34.1	51.1	





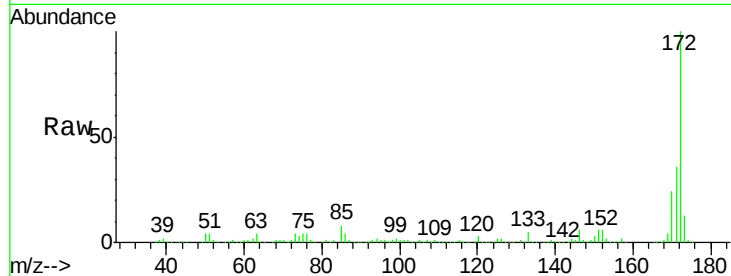
#44
2-Fluorobiphenyl
Concen: 69.40 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.05 min
Lab File: BF092794.D
Acq: 3 Feb 2017 23:55

Instrument :
BNA_F
ClientSampleId :
MH-6-COMP

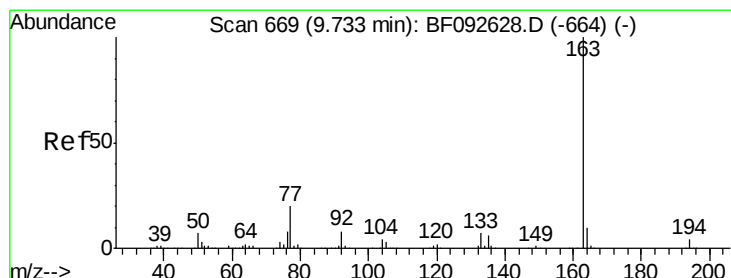
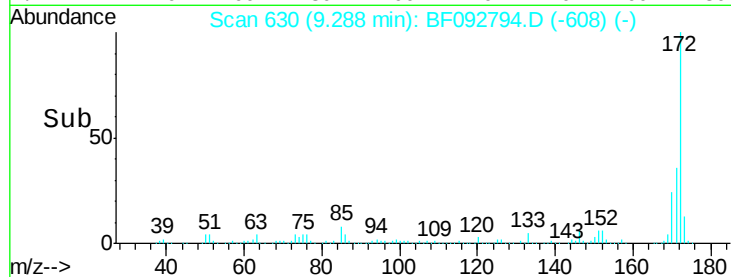
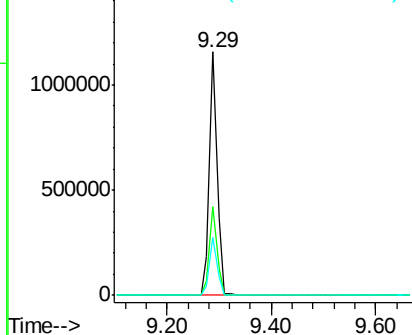
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.1	20.2	30.4

Manual Integrations
APPROVED

mohammad
2/6/2017 12:34:13 PM

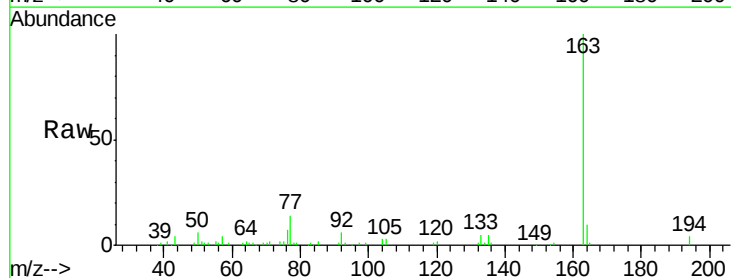


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

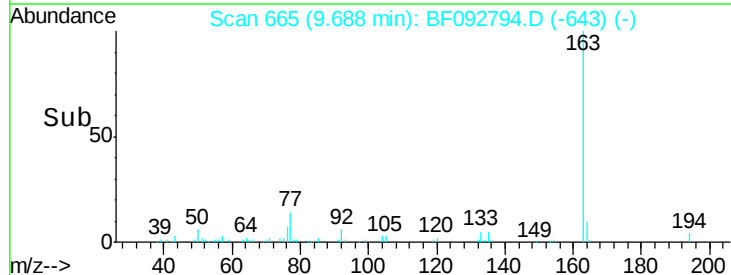
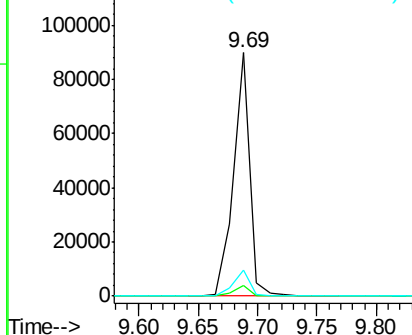


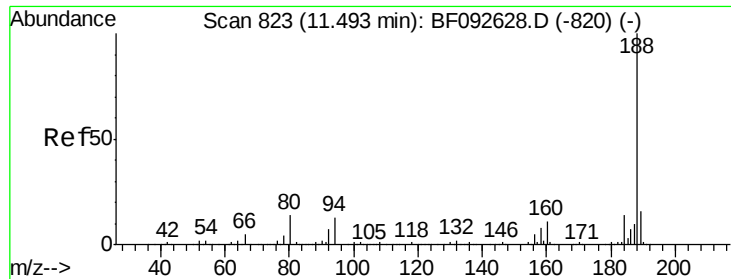
#49
Dimethylphthalate
Concen: 4.02 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092794.D
Acq: 3 Feb 2017 23:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	10.4	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF092794.D

Acq: 3 Feb 2017 23:55

Instrument :

BNA_F

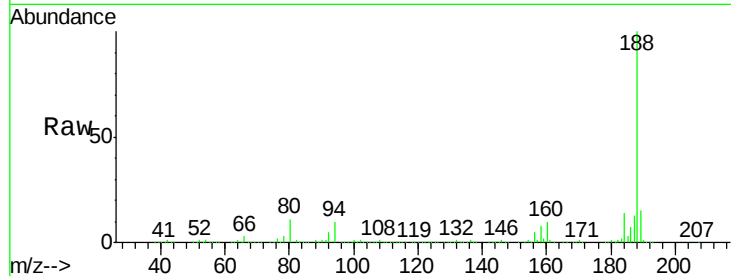
ClientSampleId :

MH-6-COMP

Tgt Ion:	188	Resp:	546933
Ion Ratio	Lower	Upper	
188	100		
94	9.6	10.0	15.0#
80	10.5	11.2	16.8#

Manual Integrations
APPROVED

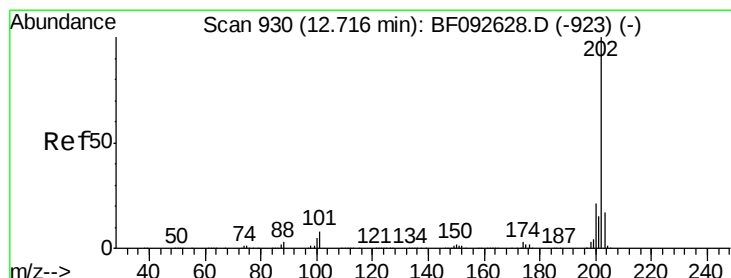
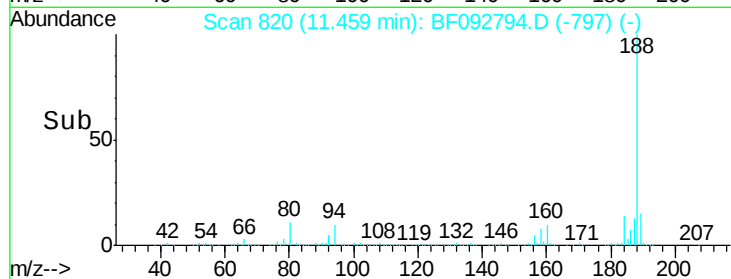
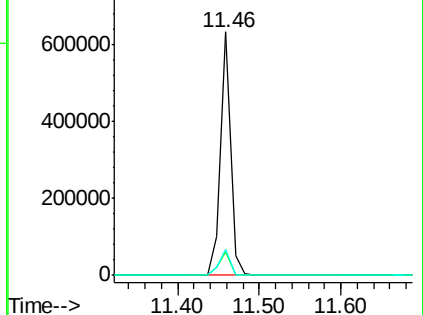
mohammad
2/6/2017 12:34:13 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74

Fluoranthene

Concen: 2.98 ng

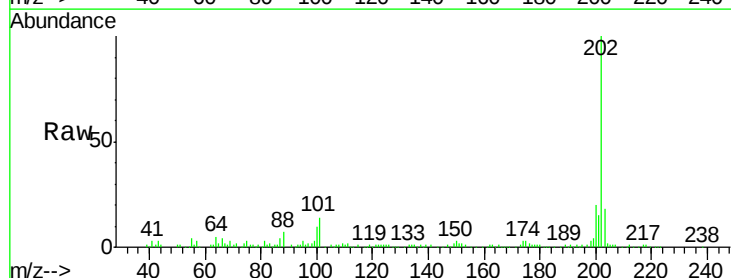
RT: 12.67 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF092794.D

Acq: 3 Feb 2017 23:55

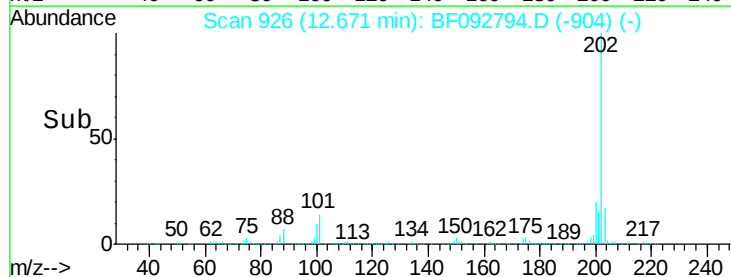
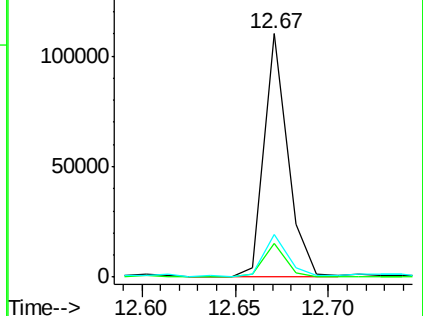
Tgt Ion:	202	Resp:	96473
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	34.6
203	17.8	0.0	38.7

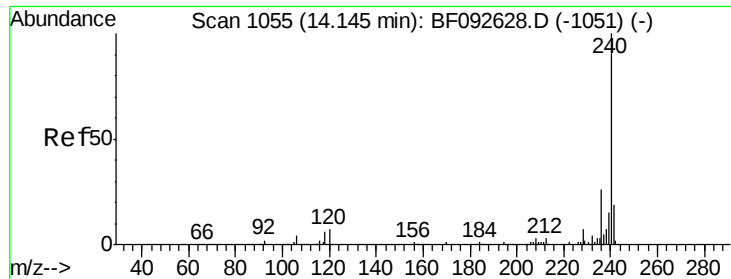


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092794.D

Acq: 3 Feb 2017 23:55

Instrument :

BNA_F

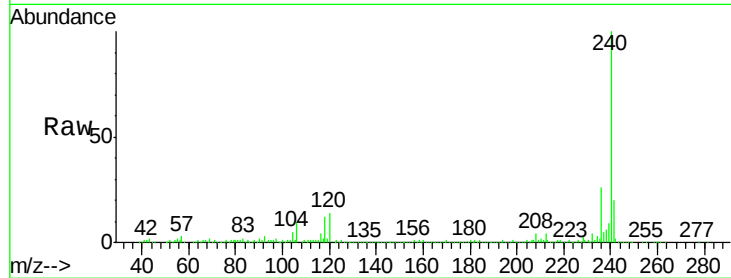
ClientSampleId :

MH-6-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	404656		
120	14.3	12.9	19.3	
236	26.5	20.9	31.3	

Manual Integrations
APPROVED

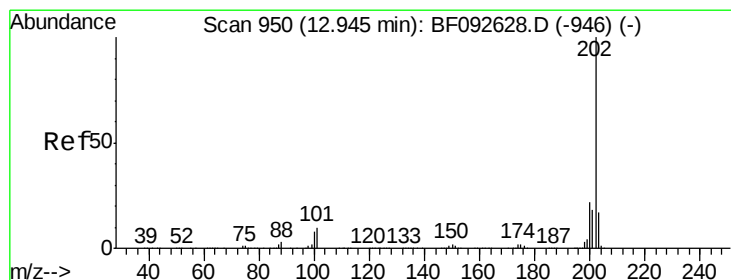
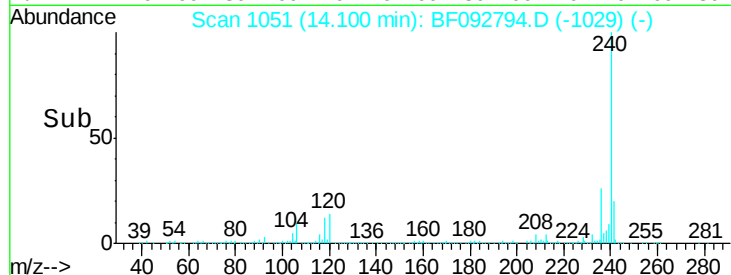
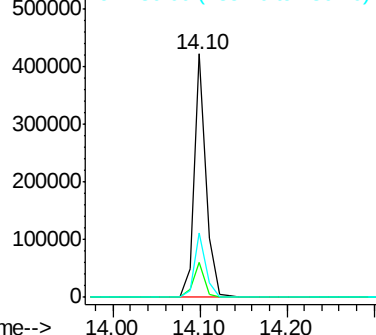
mohammad
2/6/2017 12:34:13 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.36 ng

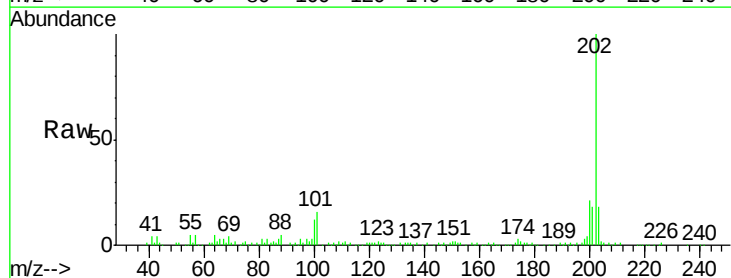
RT: 12.90 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092794.D

Acq: 3 Feb 2017 23:55

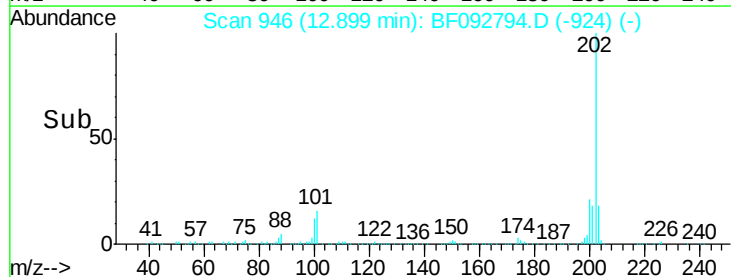
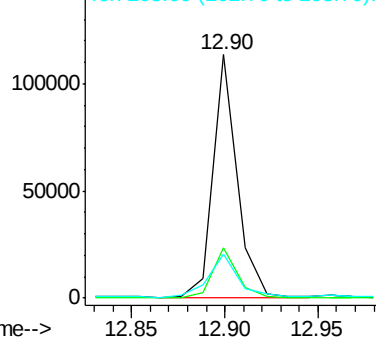
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	101738		
200	20.5	17.7	26.5	
203	18.1	14.7	22.1	

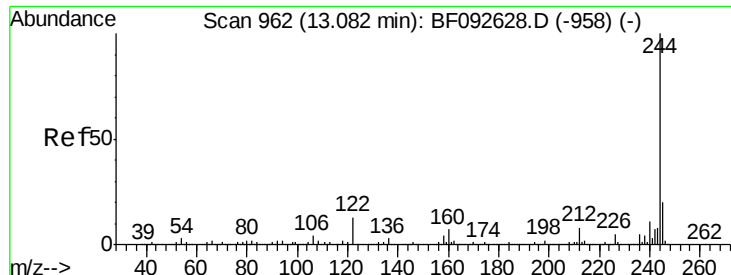


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





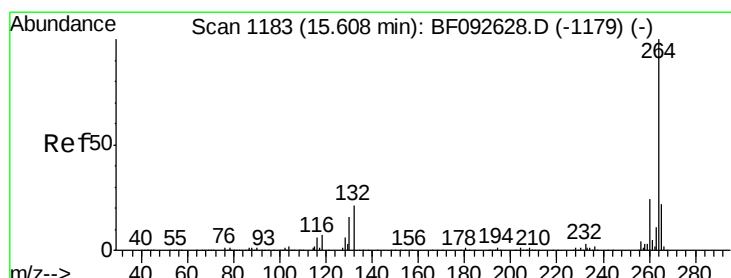
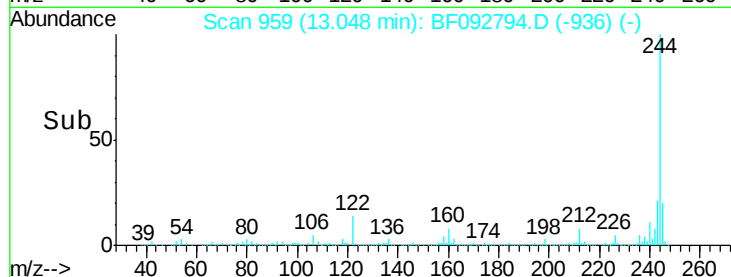
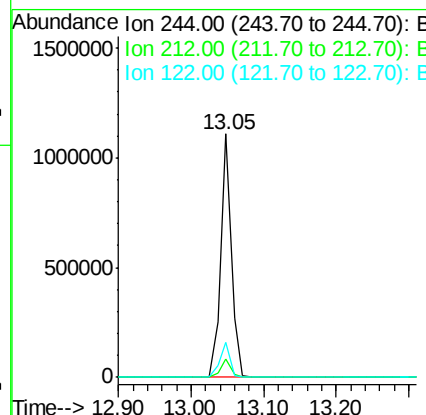
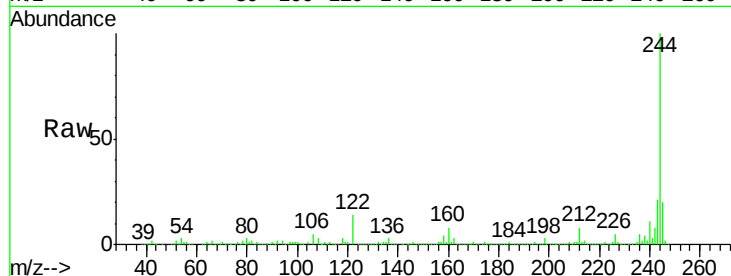
#78
 Terphenyl-d14
 Concen: 65.87 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092794.D
 Acq: 3 Feb 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMP

Tgt Ion:244 Resp: 1134343
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 14.2 11.4 17.2

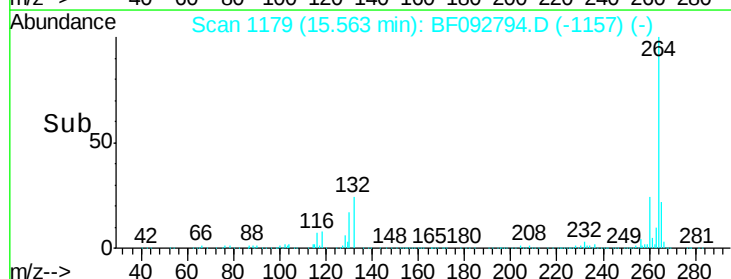
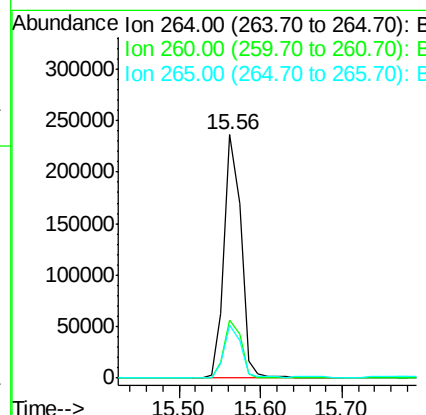
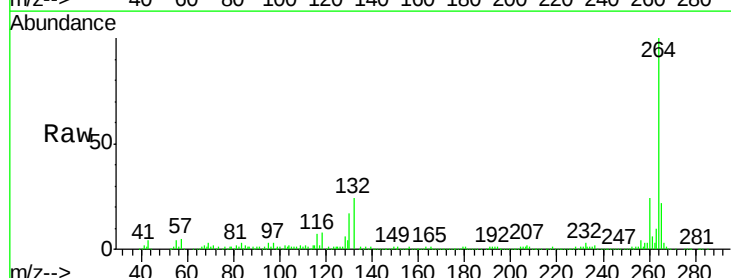
Manual Integrations
 APPROVED

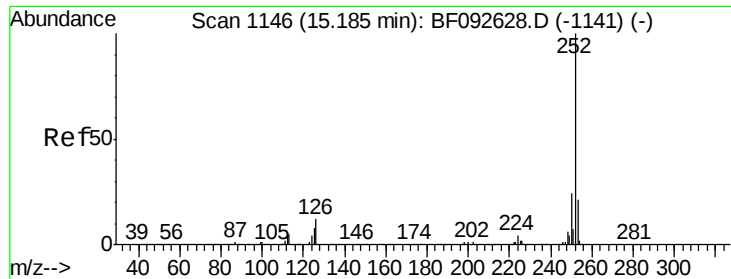
mohammad
 2/6/2017 12:34:13 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF092794.D
 Acq: 3 Feb 2017 23:55

Tgt Ion:264 Resp: 343975
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 2.41 ng m

RT: 15.14 min Scan# 1142

Delta R.T. -0.05 min

Lab File: BF092794.D

Acq: 3 Feb 2017 23:55

Instrument :

BNA_F

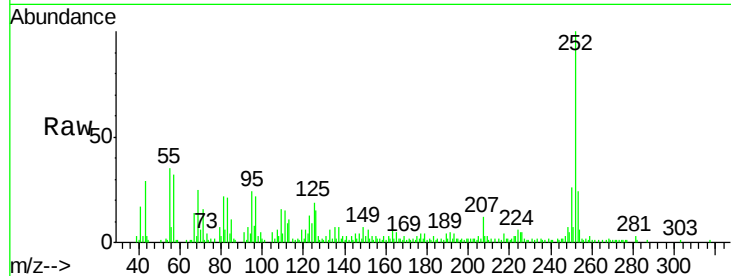
ClientSampleId :

MH-6-COMP

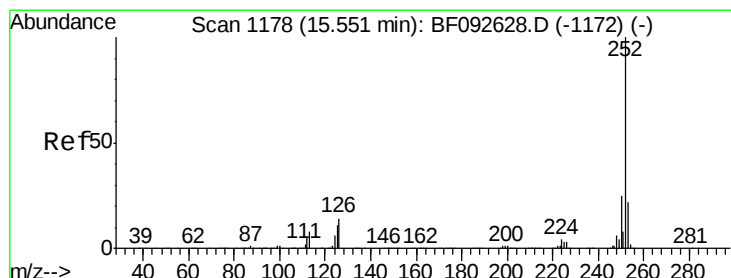
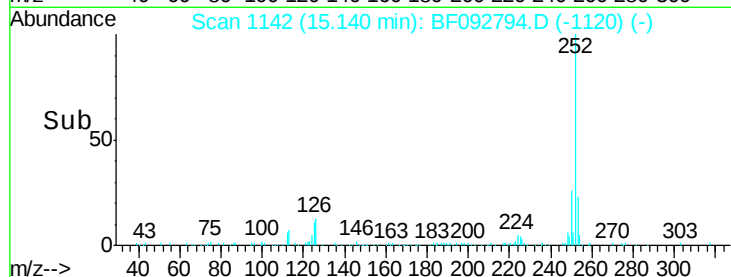
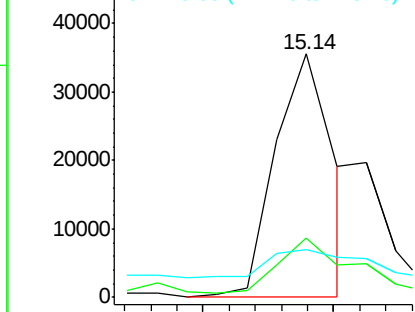
Tgt Ion:	252	Resp:	54555
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.2	27.4
125	19.4	9.8	14.6#

Manual Integrations
APPROVED

mohammad
2/6/2017 12:34:13 PM



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



#89

Benzo(a)pyrene

Concen: 2.08 ng

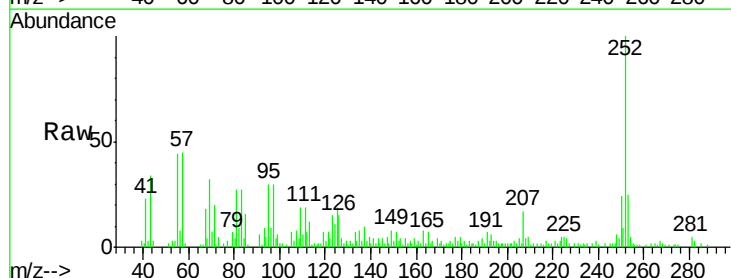
RT: 15.51 min Scan# 1174

Delta R.T. -0.05 min

Lab File: BF092794.D

Acq: 3 Feb 2017 23:55

Tgt Ion:	252	Resp:	40809
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.2	27.2
125	19.1	10.0	15.0#



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

