

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094416.D
 Acq On : 14 Apr 2017 4:03
 Operator : SJ/MA
 Sample : I2672-02 50X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z7-BASE

Manual Integrations
 APPROVED

mohammad
 4/14/2017 1:36:34 PM

Quant Time: Apr 14 04:42:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	145139	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	559755	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	230255	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	360797	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	281462	20.00	ng	-0.06
86) Perylene-d12	16.12	264	219547	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	26656	3.10	ng	-0.04
7) Phenol-d6	5.41	99	34244	3.22	ng	-0.05
23) Nitrobenzene-d5	6.43	82	22292	2.27	ng	-0.06
41) 2,4,6-Tribromophenol	10.40	330	4146	2.28	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	36921	2.45	ng	-0.05
78) Terphenyl-d14	13.22	244	23504	1.87	ng	-0.06
Target Compounds						
37) 2-Methylnaphthalene	8.16	142	107659	6.00	ng	98
70) Phenanthrene	11.27	178	96137	4.79	ng	96
74) Fluoranthene	12.73	202	45448	2.21	ng	97

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

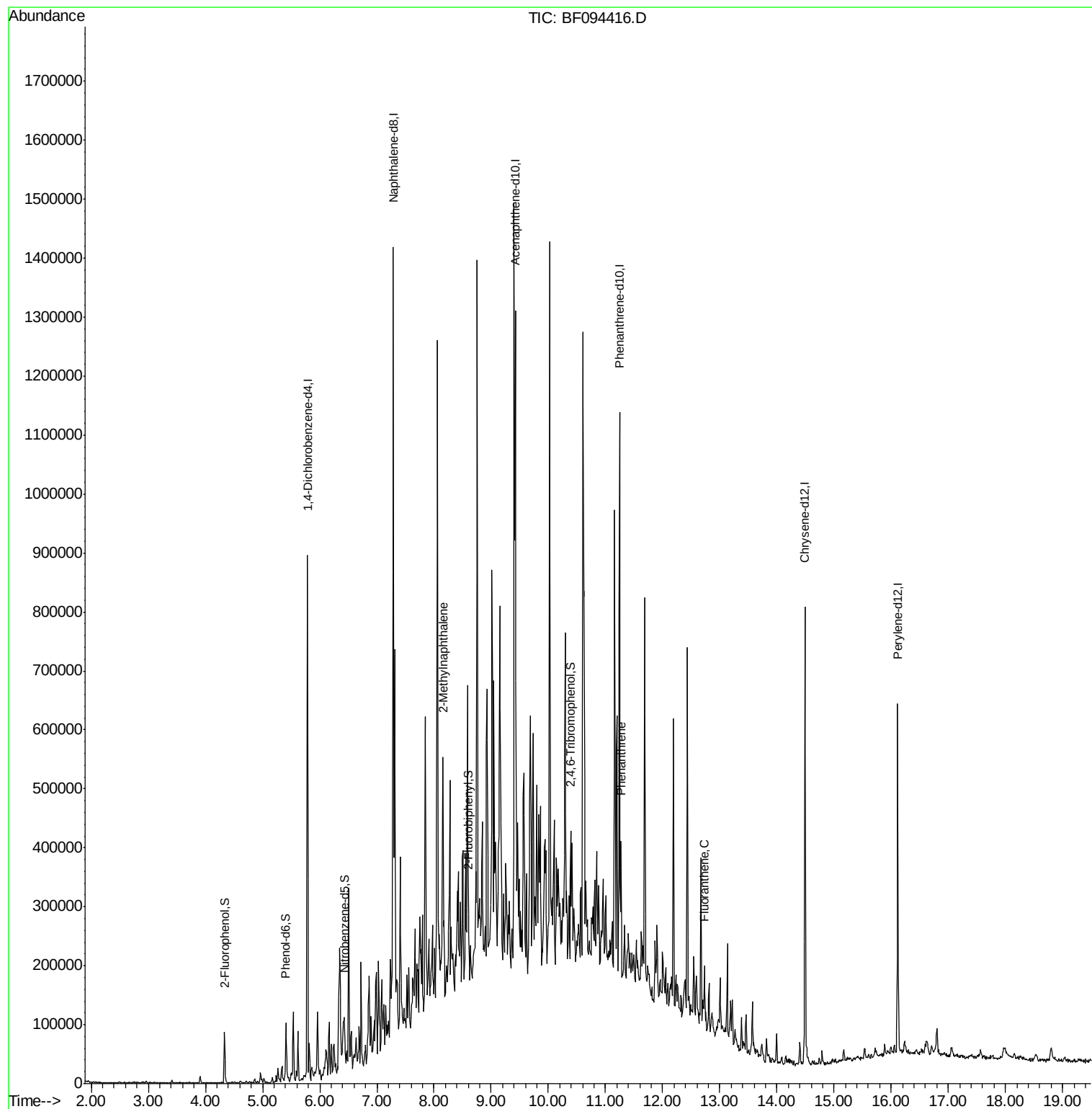
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094416.D
Acq On : 14 Apr 2017 4:03
Operator : SJ/MA
Sample : I2672-02 50X
Misc :
ALS Vial : 27 Sample Multiplier: 1

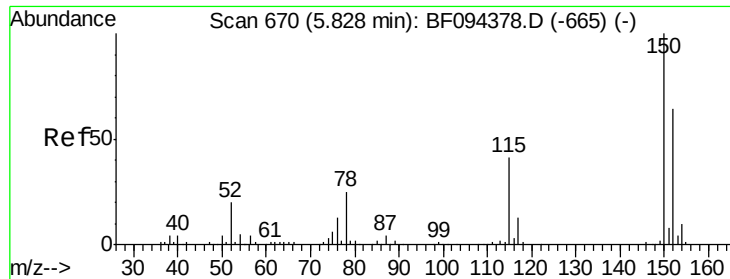
Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Manual Integrations
APPROVED

mohammad
4/14/2017 1:36:34 PM

Quant Time: Apr 14 04:42:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 01:21:26 2017
Response via : Initial Calibration





#1

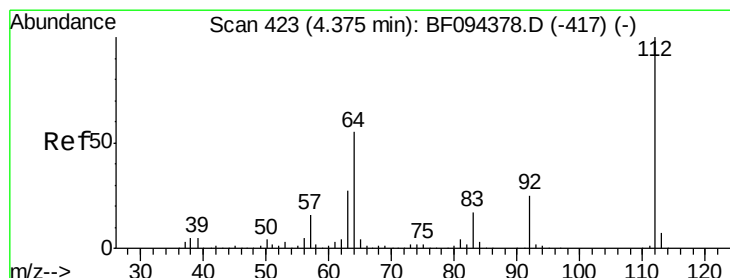
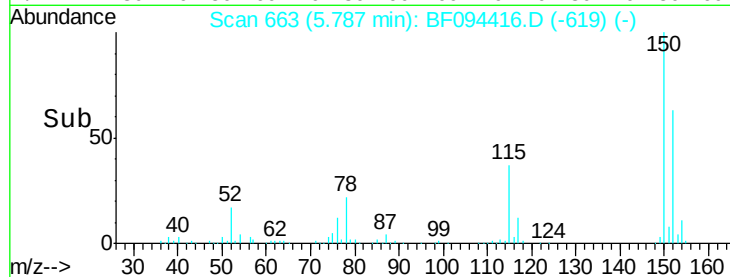
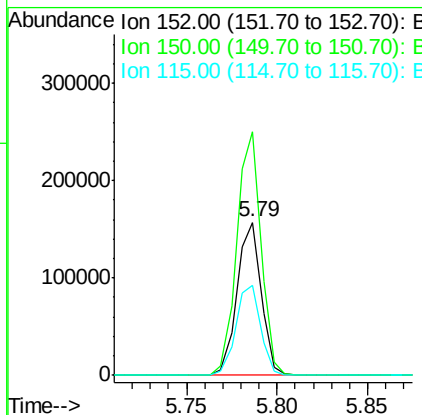
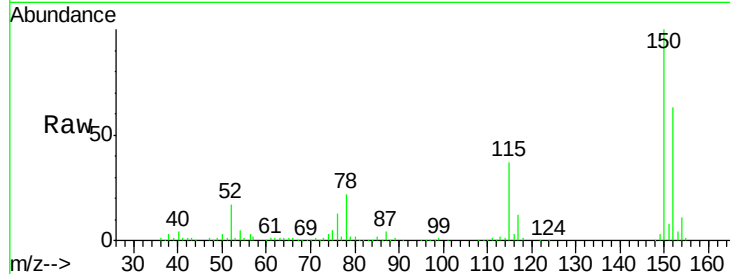
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094416.D
Acq: 14 Apr 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	58.6	52.2	78.2

Manual Integrations
APPROVED

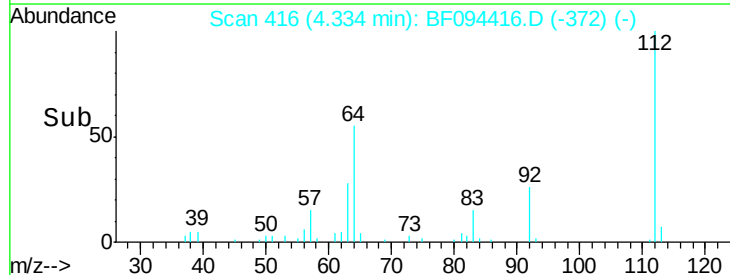
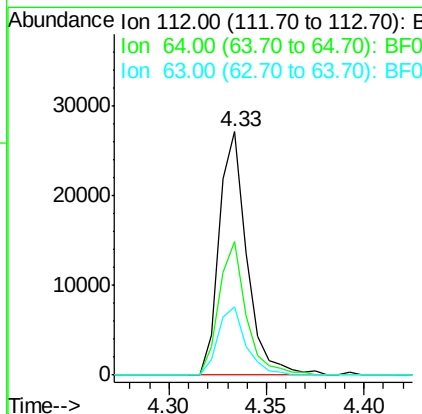
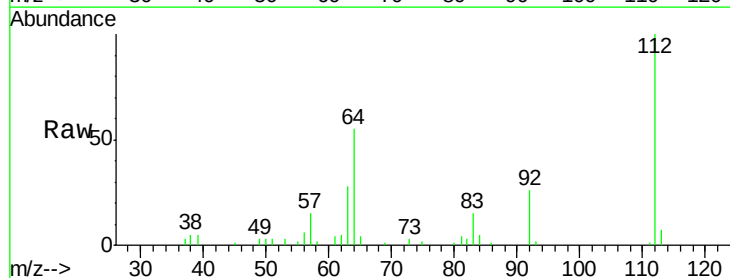
mohammad
4/14/2017 1:36:34 PM

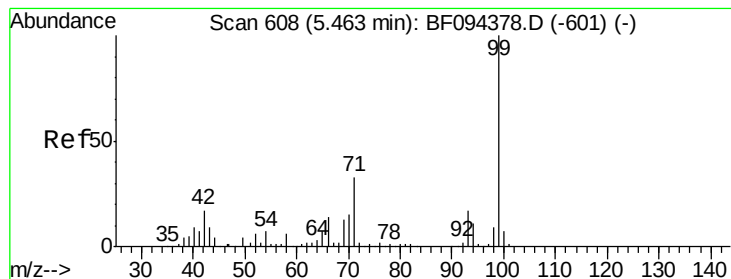


#5

2-Fluorophenol
Concen: 3.10 ng
RT: 4.33 min Scan# 416
Delta R.T. -0.04 min
Lab File: BF094416.D
Acq: 14 Apr 2017 4:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.0	69.0
63	27.9	23.4	35.0





#7

Phenol-d6

Concen: 3.22 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.05 min

Lab File: BF094416.D

Acq: 14 Apr 2017 4:03

Instrument :

BNA_F

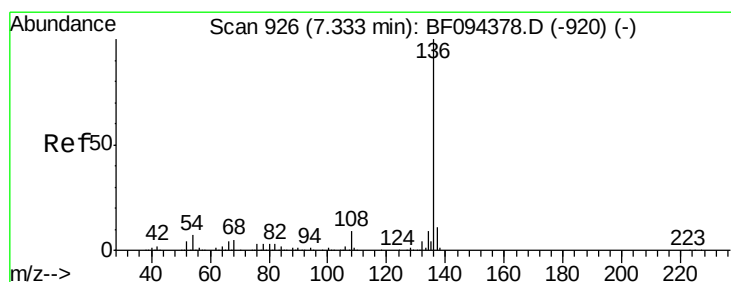
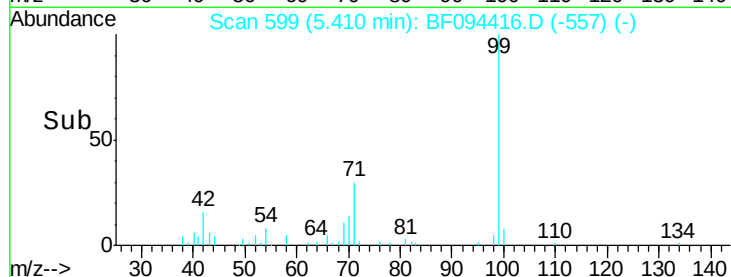
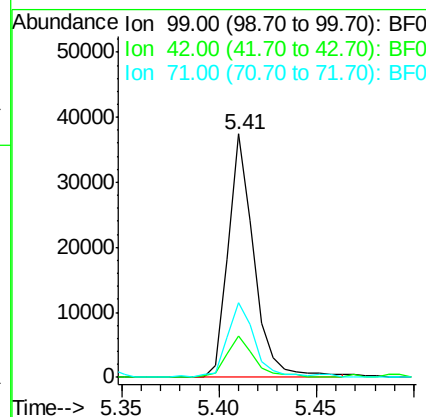
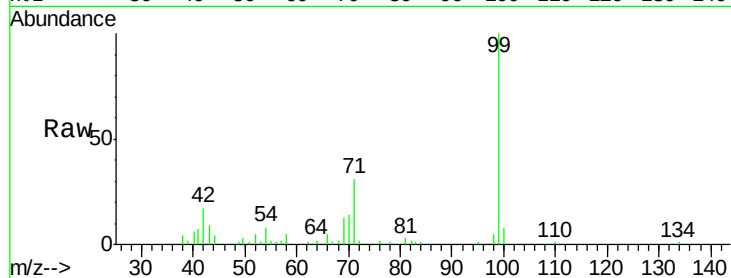
ClientSampled :

E2-Z7-BASE

Tot Ion:	99	Resp:	34244
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.5	20.3
71	30.7	24.5	36.7

Manual Integrations
APPROVED

mohammad
4/14/2017 1:36:34 PM



#21

Naphthalene-d8

Concen: 20.00 ng

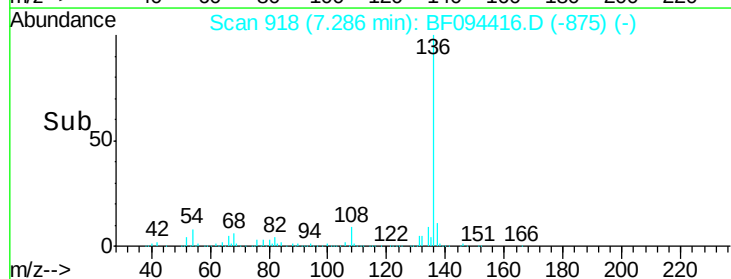
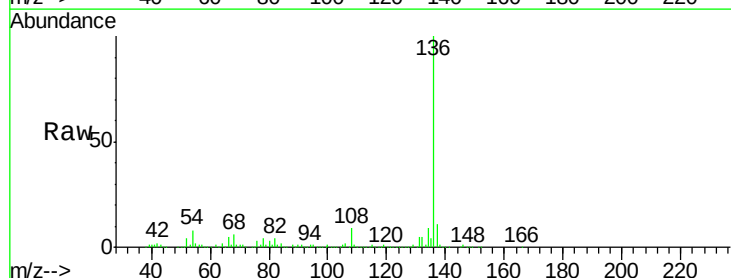
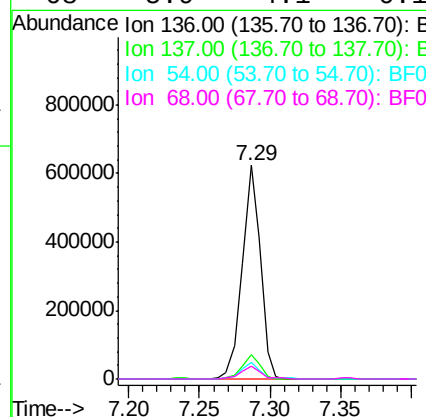
RT: 7.29 min Scan# 918

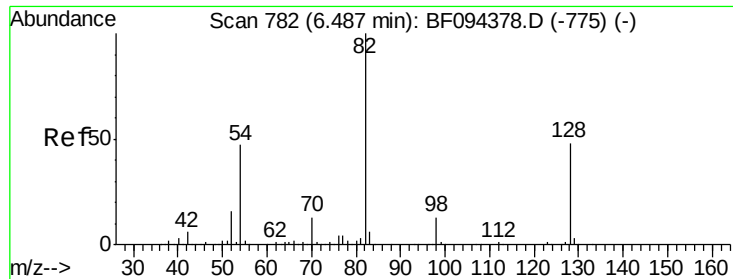
Delta R.T. -0.05 min

Lab File: BF094416.D

Acq: 14 Apr 2017 4:03

Tgt Ion:	136	Resp:	559755
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	7.6	4.9	7.3#
68	5.9	4.1	6.1





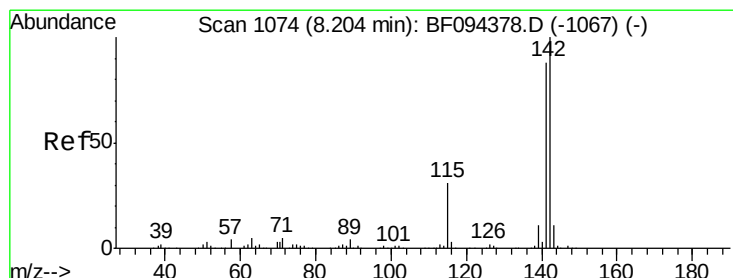
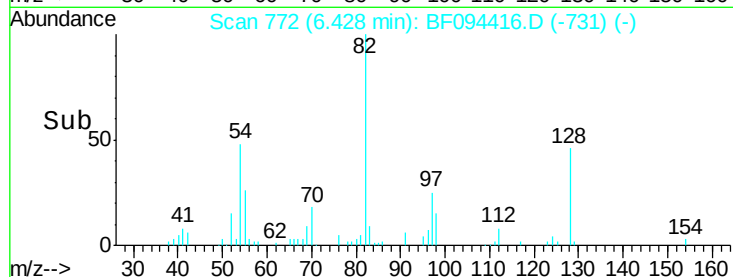
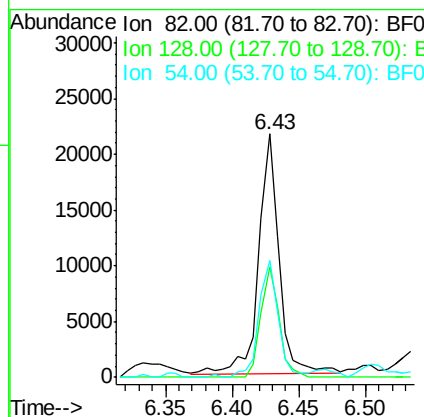
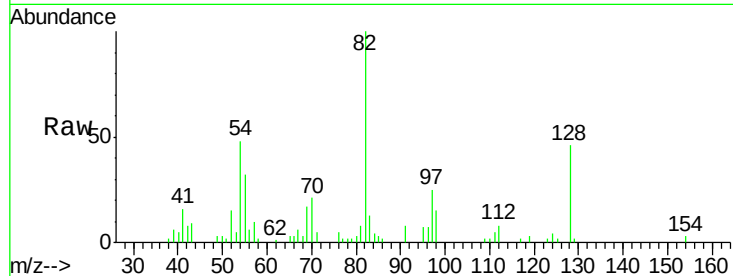
#23
 Nitrobenzene-d5
 Concen: 2.27 ng
 RT: 6.43 min Scan# 772
 Delta R.T. -0.06 min
 Lab File: BF094416.D
 Acq: 14 Apr 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z7-BASE

Tot Ion:	82	Resp:	22292
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.0	51.0
54	47.8	42.2	63.2

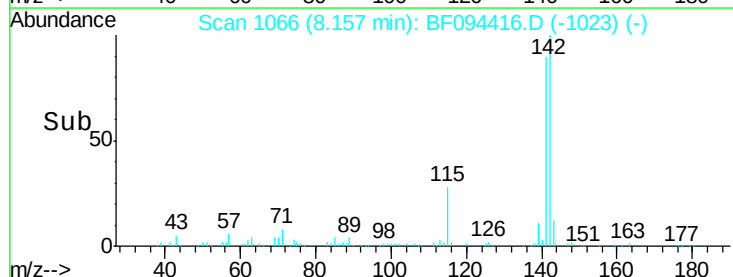
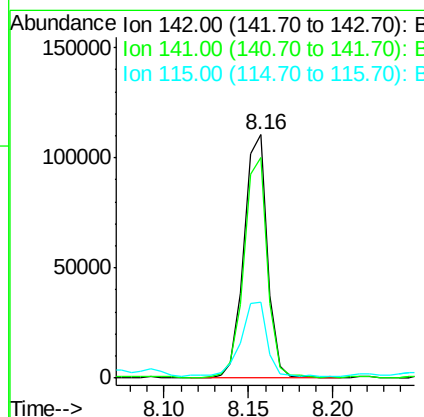
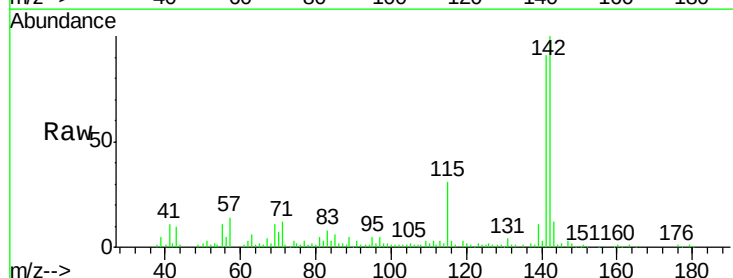
Manual Integrations
 APPROVED

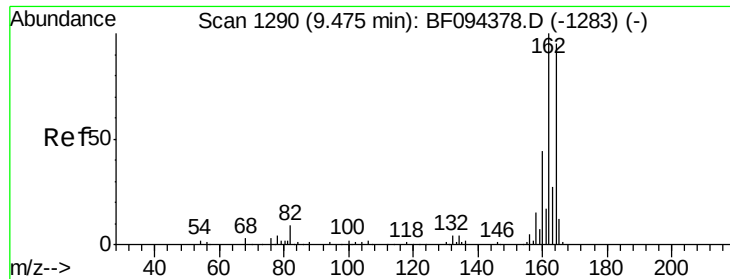
mohammad
 4/14/2017 1:36:34 PM



#37
 2-Methylnaphthalene
 Concen: 6.00 ng
 RT: 8.16 min Scan# 1066
 Delta R.T. -0.05 min
 Lab File: BF094416.D
 Acq: 14 Apr 2017 4:03

Tgt Ion:	142	Resp:	107659
Ion Ratio	Lower	Upper	
142	100		
141	90.5	71.3	106.9
115	31.3	27.1	40.7





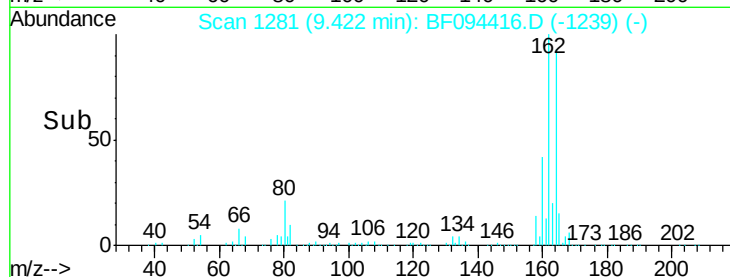
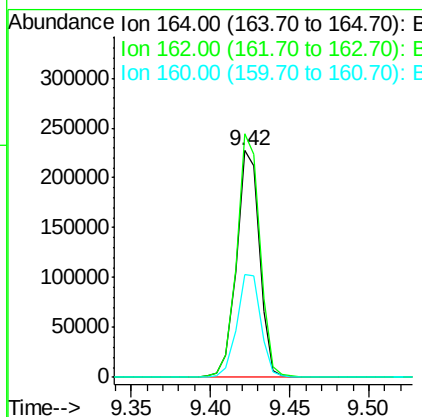
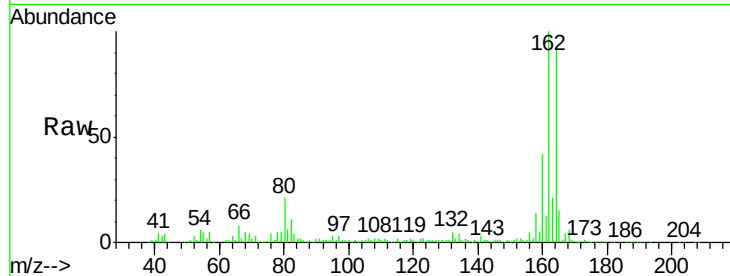
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094416.D
 Acq: 14 Apr 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z7-BASE

Tot Ion:	164	Resp:	230255
Ion Ratio	Lower	Upper	
164	100		
162	107.3	82.6	123.8
160	45.4	36.2	54.2

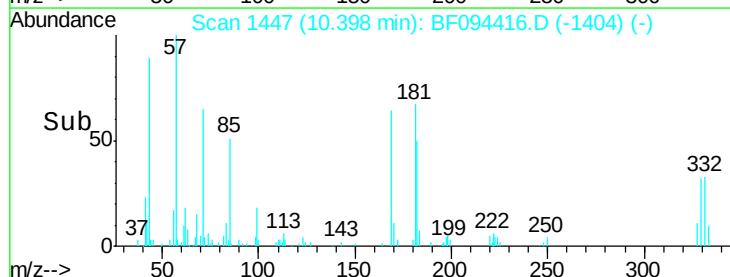
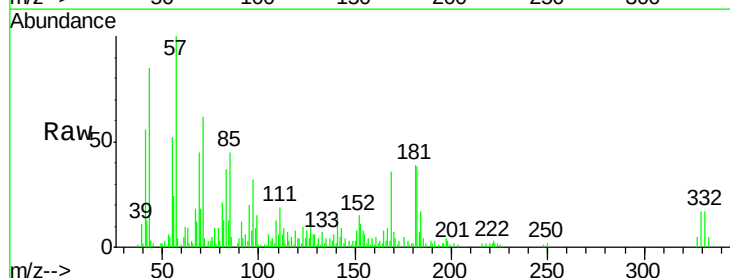
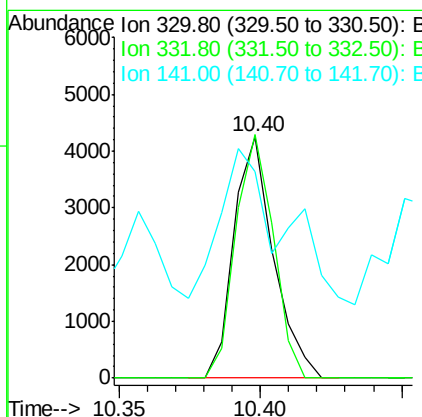
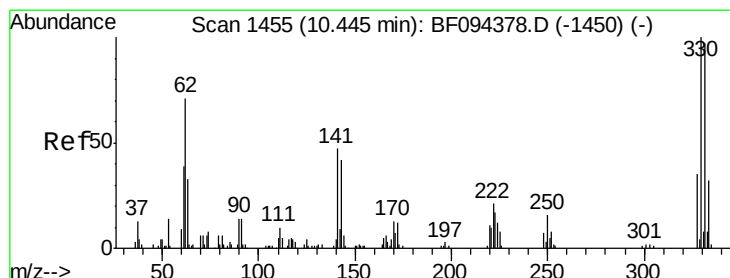
Manual Integrations
 APPROVED

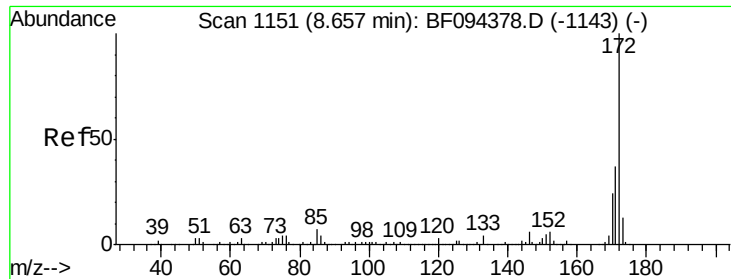
mohammad
 4/14/2017 1:36:34 PM



#41
 2,4,6-Tribromophenol
 Concen: 2.28 ng
 RT: 10.40 min Scan# 1447
 Delta R.T. -0.05 min
 Lab File: BF094416.D
 Acq: 14 Apr 2017 4:03

Tgt Ion:	330	Resp:	4146
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.6	115.0
141	102.4	31.4	47.2#





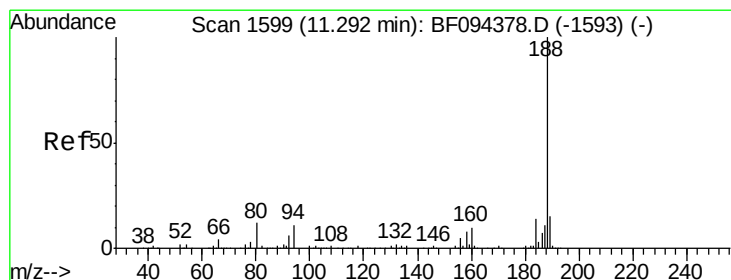
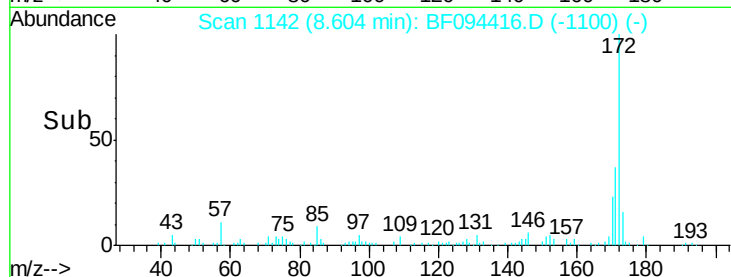
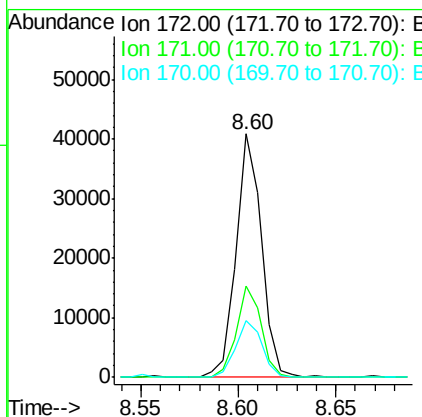
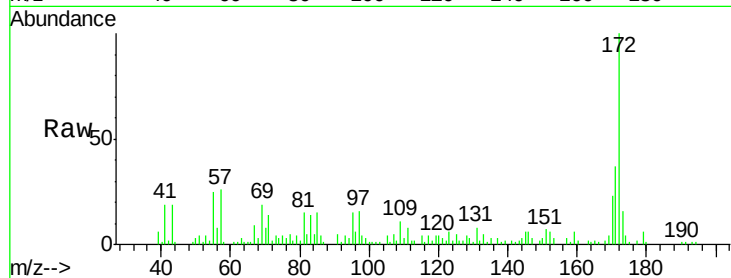
#44
2-Fluorobiphenyl
Concen: 2.45 ng
RT: 8.60 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF094416.D
Acq: 14 Apr 2017 4:03

Instrument :
BNA_F
ClientSampled :
E2-Z7-BASE

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	23.4	19.8	29.8

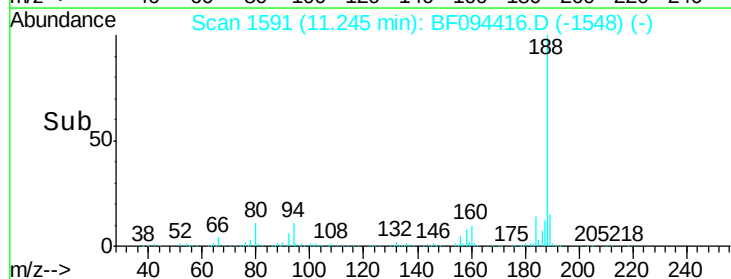
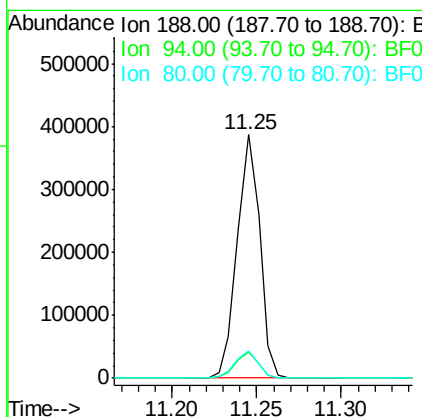
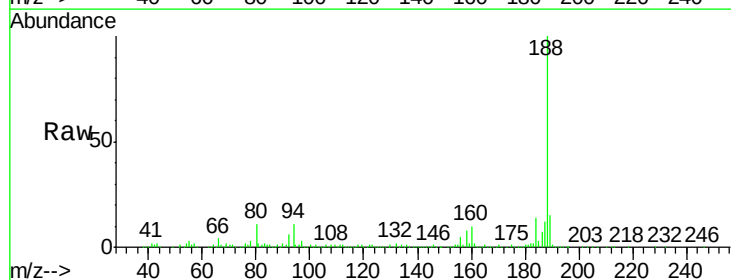
Manual Integrations
APPROVED

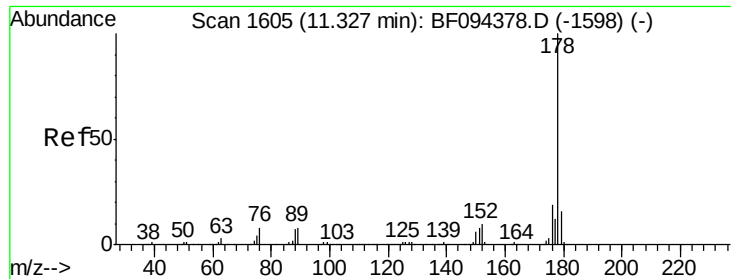
mohammad
4/14/2017 1:36:34 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094416.D
Acq: 14 Apr 2017 4:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.3	10.2	15.2





#70

Phenanthrene

Concen: 4.79 ng

RT: 11.27 min Scan# 1596

Delta R.T. -0.05 min

Lab File: BF094416.D

Acq: 14 Apr 2017 4:03

Instrument :

BNA_F

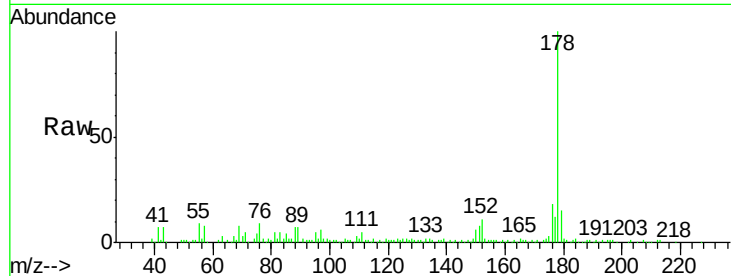
ClientSampleId :

E2-Z7-BASE

Tot Ion:178	Resp:	96137
Ion Ratio	Lower	Upper
178	100	
176	17.6	16.2 24.4
179	15.5	12.6 19.0

Manual Integrations
APPROVED

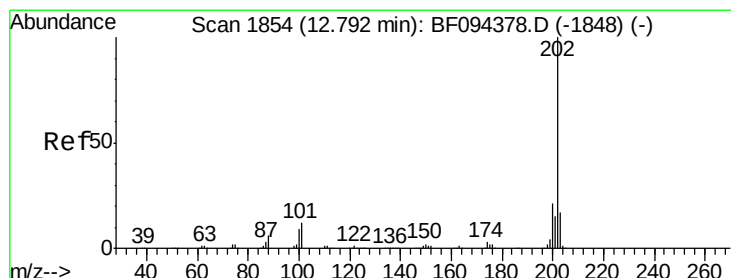
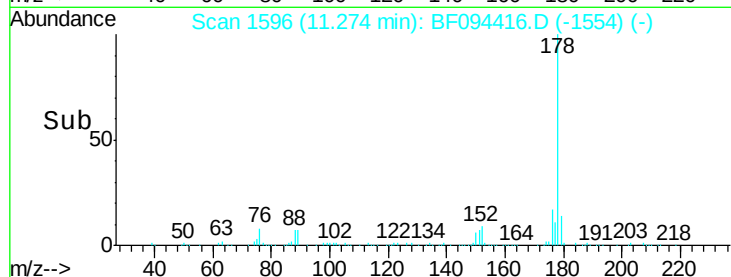
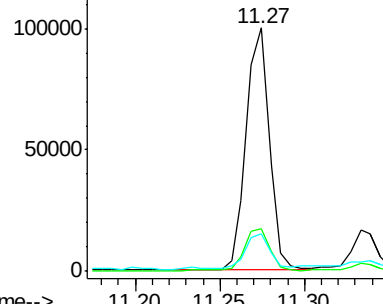
mohammad
4/14/2017 1:36:34 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.21 ng

RT: 12.73 min Scan# 1844

Delta R.T. -0.06 min

Lab File: BF094416.D

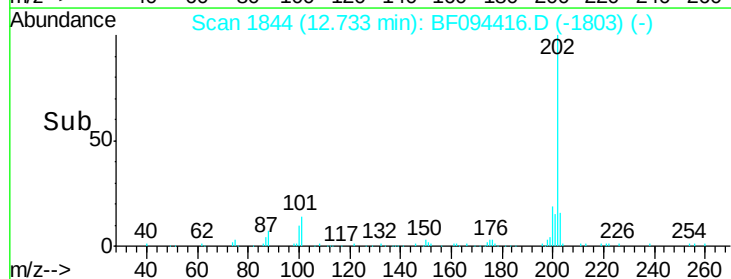
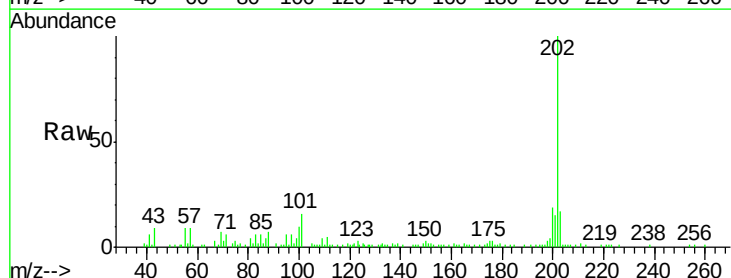
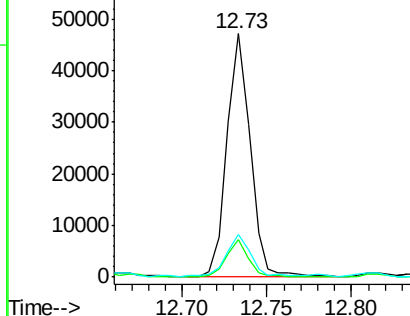
Acq: 14 Apr 2017 4:03

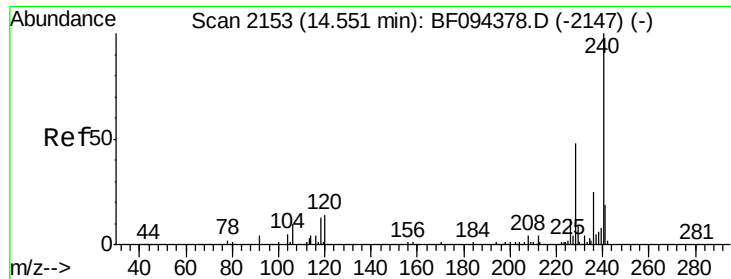
Tgt Ion:202	Resp:	45448
Ion Ratio	Lower	Upper
202	100	
101	15.5	0.0 33.2
203	17.4	0.0 38.1

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: 14.49 min Scan# 2143

Delta R.T. -0.06 min

Lab File: BF094416.D

Acq: 14 Apr 2017 4:03

Instrument :

BNA_F

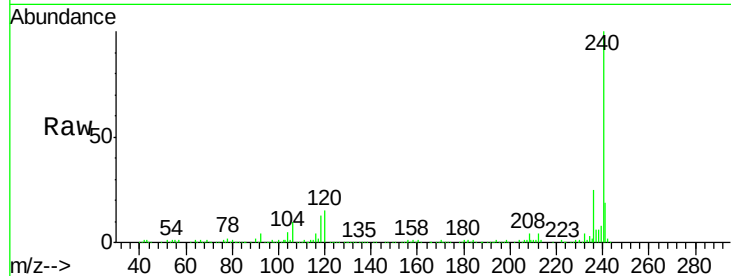
ClientSampleId :

E2-Z7-BASE

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	24.7	20.5	30.7

Manual Integrations
APPROVED

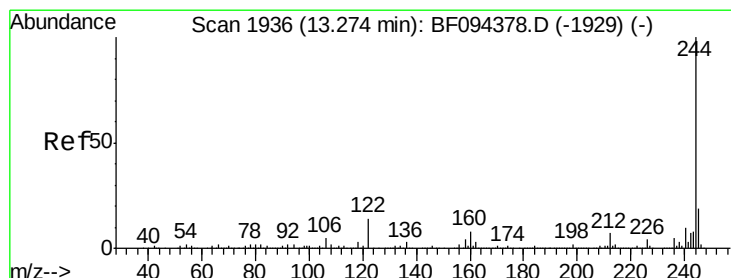
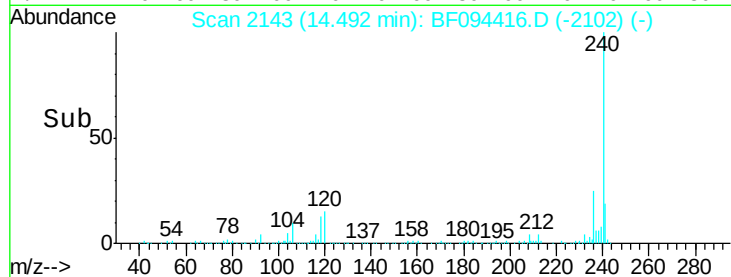
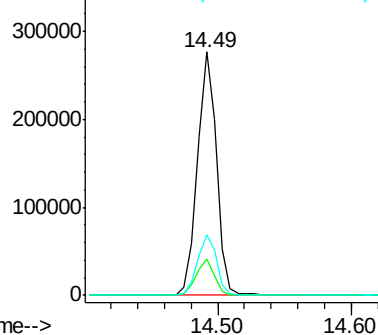
mohammad
4/14/2017 1:36:34 PM



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



#78

Terphenyl-d14

Concen: 1.87 ng

RT: 13.22 min Scan# 1926

Delta R.T. -0.06 min

Lab File: BF094416.D

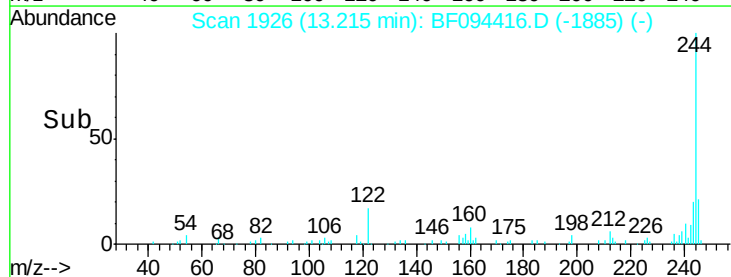
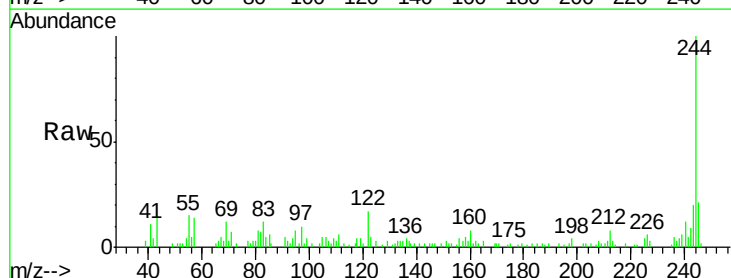
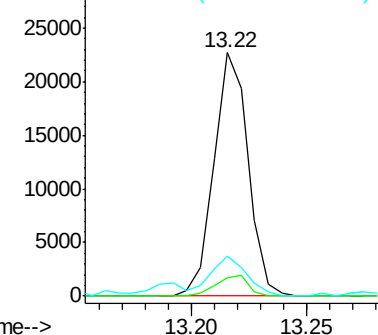
Acq: 14 Apr 2017 4:03

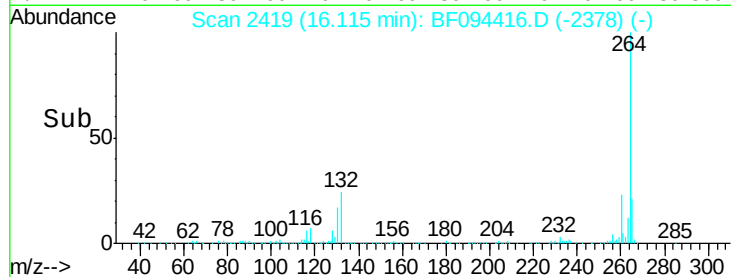
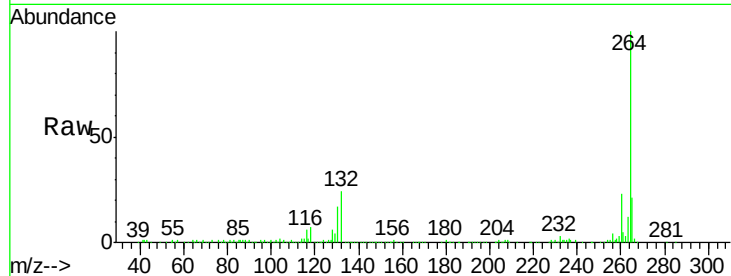
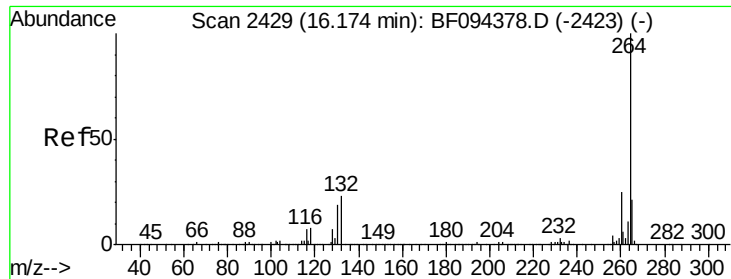
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	16.5	10.3	15.5#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 2419
 Delta R.T. -0.06 min
 Lab File: BF094416.D
 Acq: 14 Apr 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z7-BASE

Tot Ion	Ratio	Resp	Lower	Upper
264	100	219547		
260	23.5		19.5	29.3
265	21.2		17.2	25.8

Manual Integrations
 APPROVED

mohammad
 4/14/2017 1:36:34 PM

