

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094474.D
 Acq On : 18 Apr 2017 2:38
 Operator : SJ/MA
 Sample : I2708-16 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-ESW

Manual Integrations
 APPROVED

mohammad
 4/18/2017 4:56:01 PM

Quant Time: Apr 18 05:55:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	155712	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	615410	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	244716	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	425287	20.00	ng	0.00
75) Chrysene-d12	14.46	240	305602	20.00	ng	0.00
86) Perylene-d12	16.09	264	265658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.29	112	165950	17.68	ng	-0.01
7) Phenol-d6	5.37	99	213990	19.34	ng	-0.02
23) Nitrobenzene-d5	6.40	82	118216	11.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.37	330	31755	16.59	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	216880	13.04	ng	0.00
78) Terphenyl-d14	13.19	244	159509	13.95	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.13	142	160703	7.94	ng	99
49) Dimethylphthalate	9.08	163	72624	3.98	ng	# 99
70) Phenanthrene	11.25	178	90535	3.78	ng	99
74) Fluoranthene	12.70	202	67823	2.73	ng	99
77) Pyrene	12.97	202	65140	3.05	ng	97
87) Benzo(b)fluoranthene	15.68	252	45472m	2.80	ng	

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

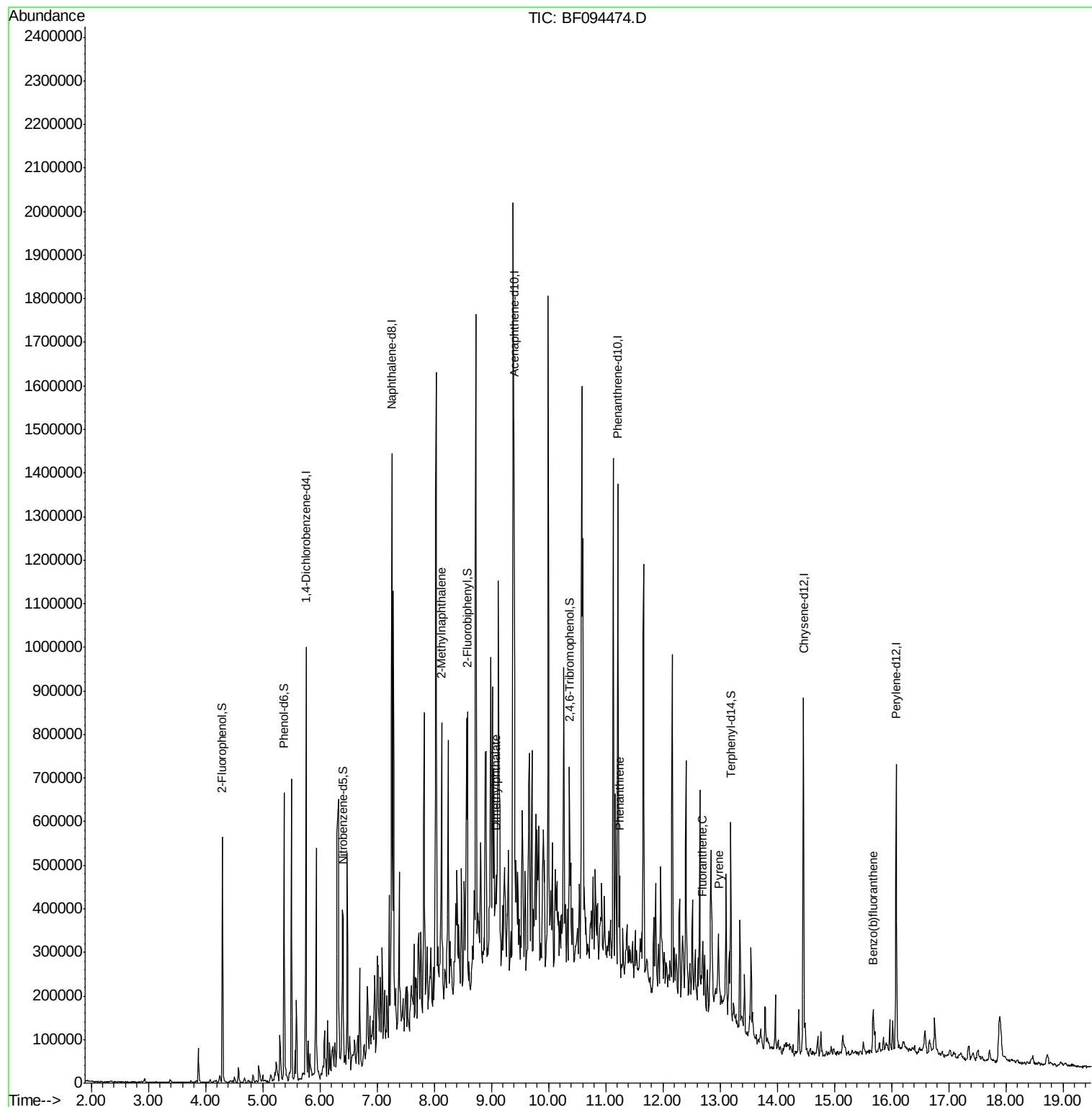
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094474.D
Acq On : 18 Apr 2017 2:38
Operator : SJ/MA
Sample : I2708-16 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

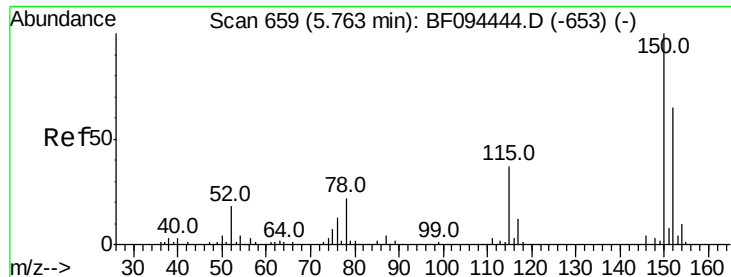
Instrument :
BNA_F
ClientSampleId :
E2-X10-ESW

Manual Integrations
APPROVED

mohammad
4/18/2017 4:56:01 PM

Quant Time: Apr 18 05:55:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF094474.D

Acq: 18 Apr 2017 2:38

Instrument :

BNA_F

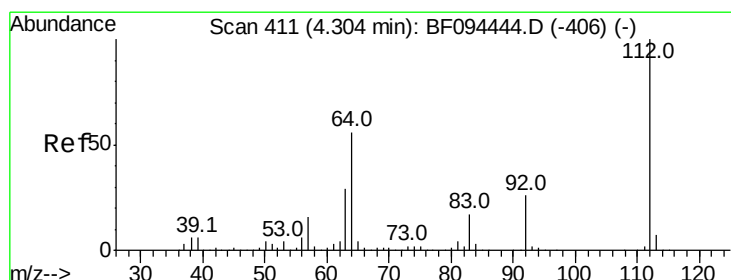
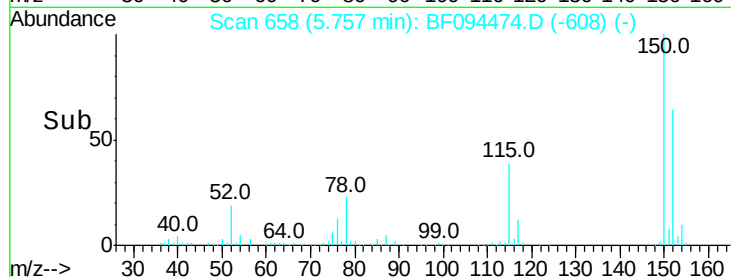
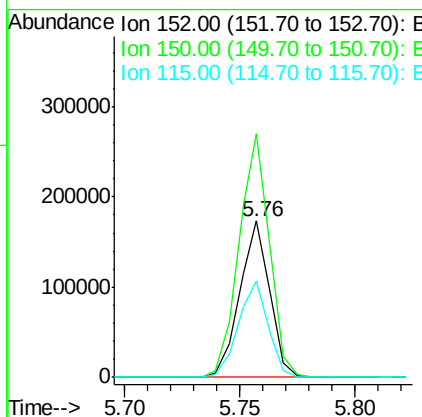
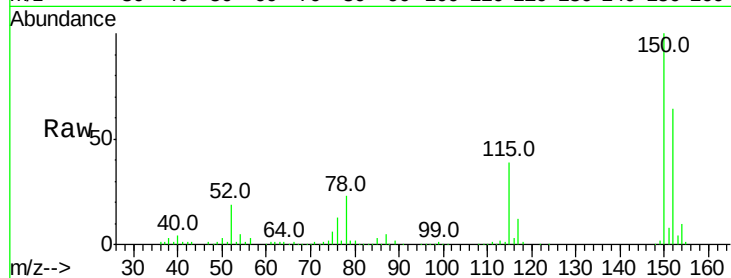
ClientSampleId :

E2-X10-ESW

Tot Ion:	152	Resp:	155712
Ion Ratio	Lower	Upper	
152	100		
150	156.0	126.2	189.2
115	61.5	52.2	78.2

Manual Integrations
APPROVED

mohammad
4/18/2017 4:56:01 PM



#5

2-Fluorophenol

Concen: 17.68 ng

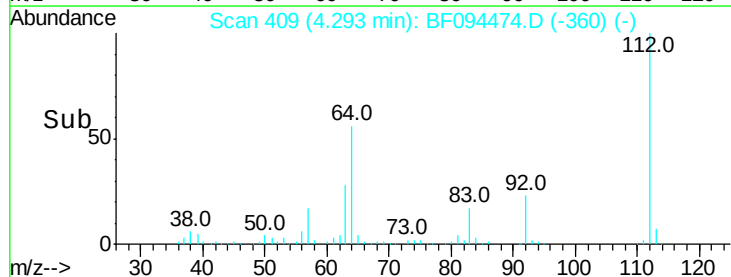
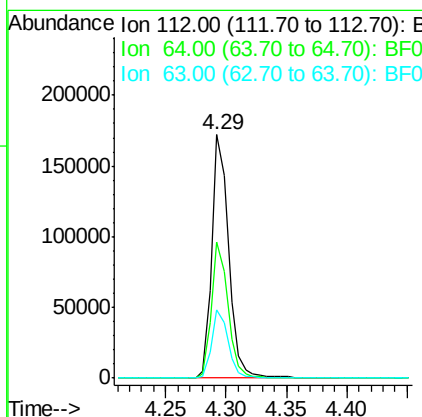
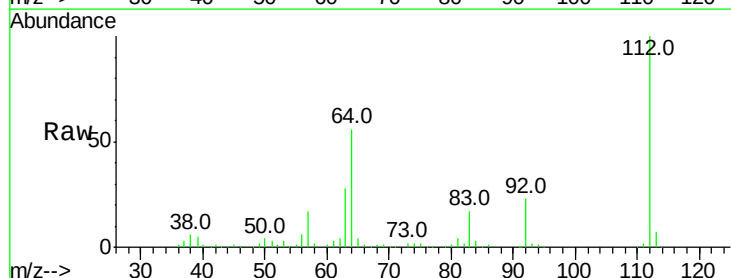
RT: 4.29 min Scan# 409

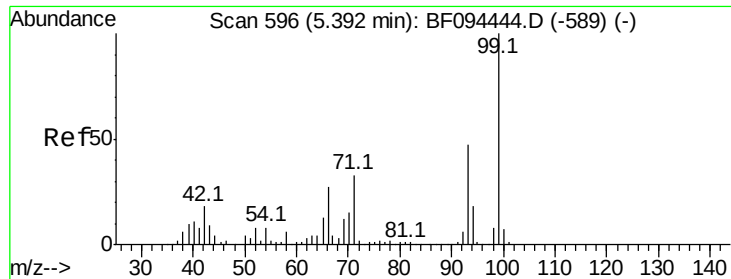
Delta R.T. -0.01 min

Lab File: BF094474.D

Acq: 18 Apr 2017 2:38

Tgt Ion:	112	Resp:	165950
Ion Ratio	Lower	Upper	
112	100		
64	55.7	46.0	69.0
63	27.8	23.4	35.0





#7

Phenol-d6

Concen: 19.34 ng

RT: 5.37 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF094474.D

Acq: 18 Apr 2017 2:38

Instrument :

BNA_F

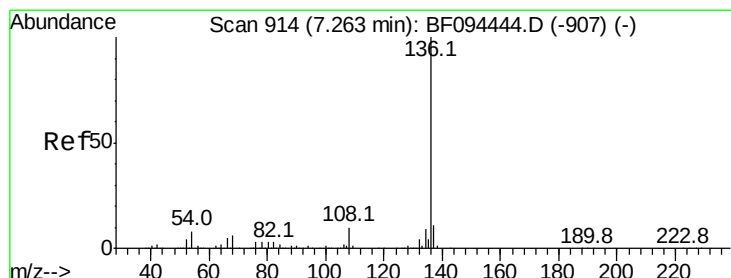
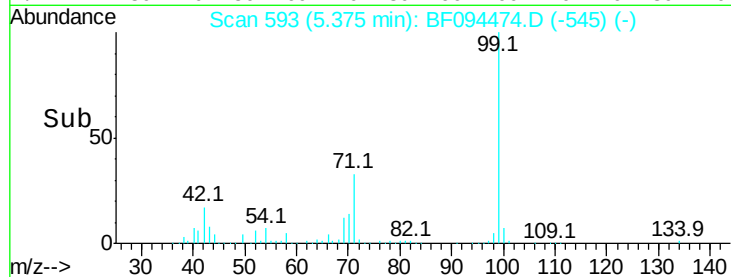
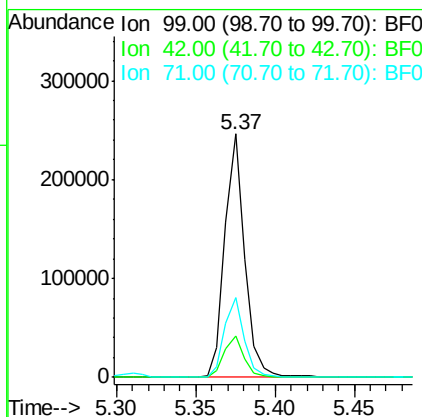
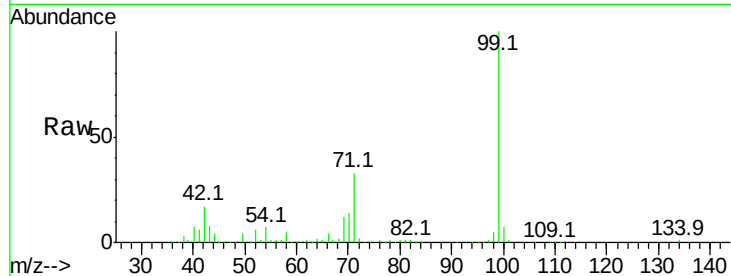
ClientSampleId :

E2-X10-ESW

Tot Ion:	99	Resp:	213990
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.5	20.3
71	32.6	24.5	36.7

Manual Integrations
APPROVED

mohammad
4/18/2017 4:56:01 PM



#21

Naphthalene-d8

Concen: 20.00 ng

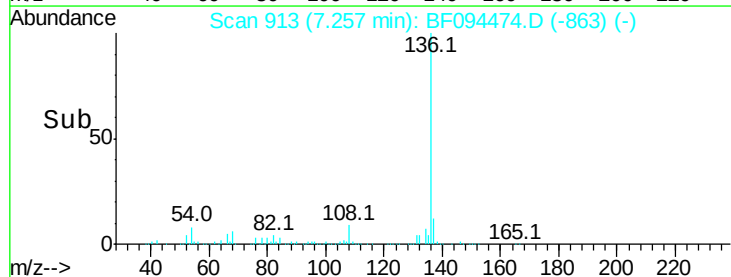
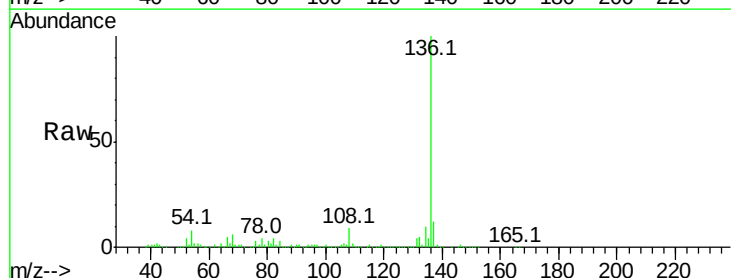
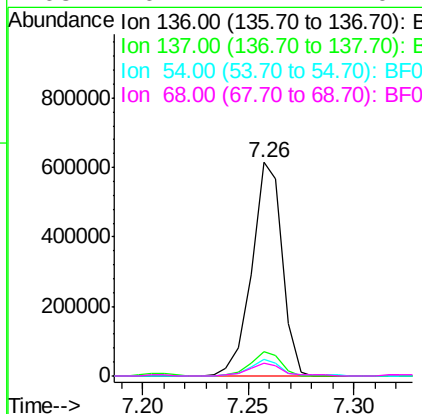
RT: 7.26 min Scan# 913

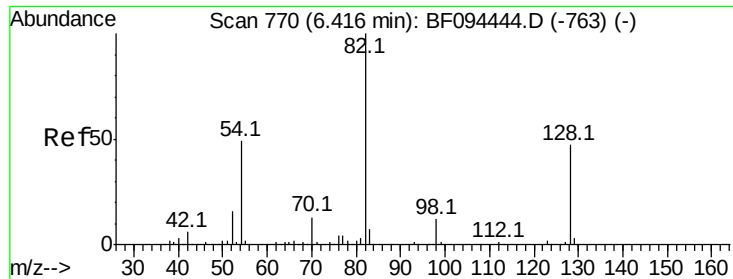
Delta R.T. -0.01 min

Lab File: BF094474.D

Acq: 18 Apr 2017 2:38

Tgt Ion:	136	Resp:	615410
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.5	12.7
54	7.8	4.9	7.3#
68	6.1	4.1	6.1#





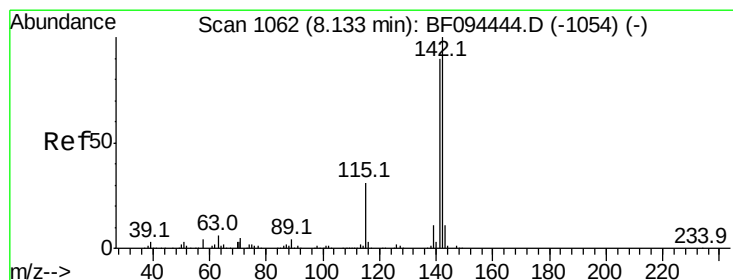
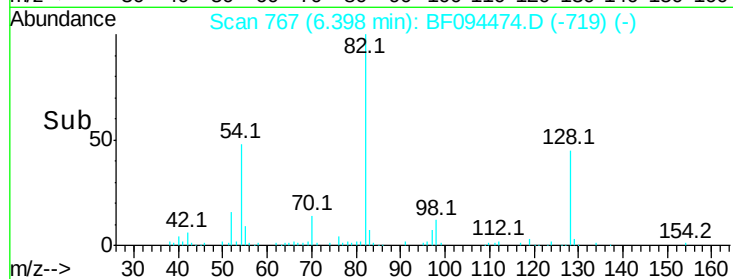
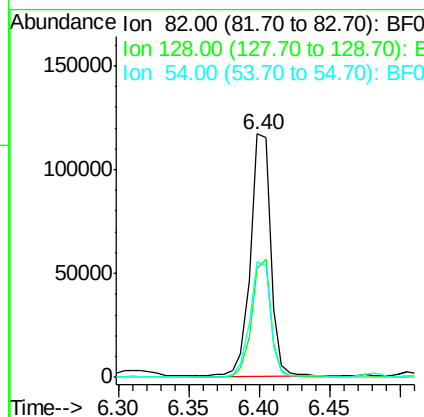
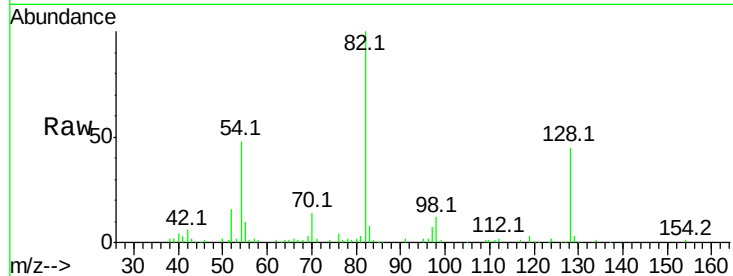
#23
 Nitrobenzene-d5
 Concen: 11.86 ng
 RT: 6.40 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF094474.D
 Acq: 18 Apr 2017 2:38

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	34.0	51.0	
54	47.7	42.2	63.2	

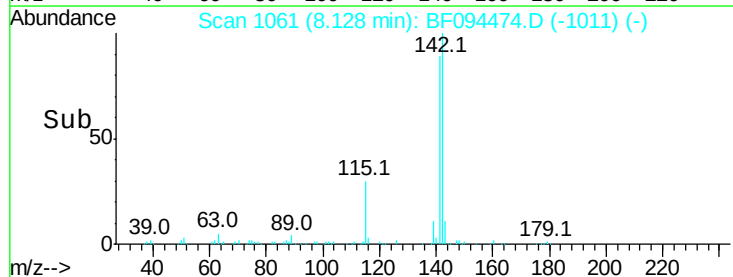
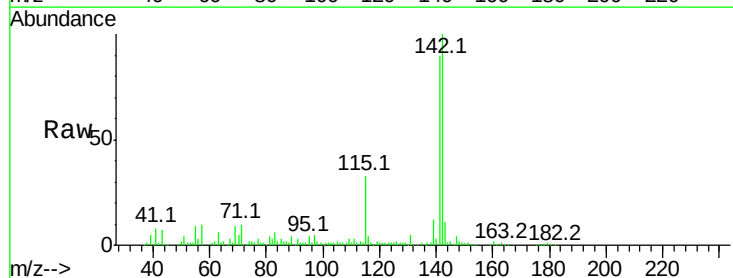
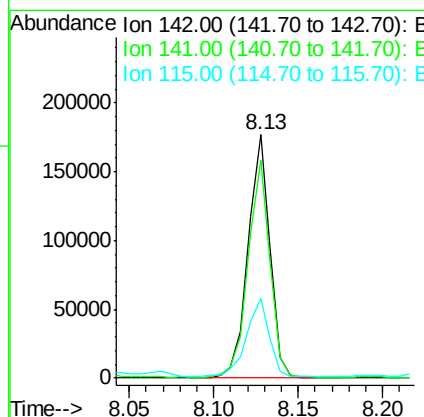
Manual Integrations
 APPROVED

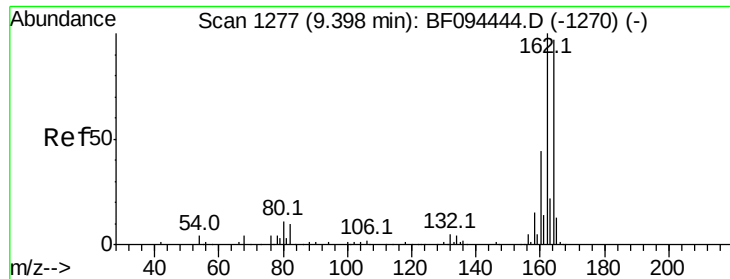
mohammad
 4/18/2017 4:56:01 PM



#37
 2-Methylnaphthalene
 Concen: 7.94 ng
 RT: 8.13 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF094474.D
 Acq: 18 Apr 2017 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.5	71.3	106.9	
115	32.6	27.1	40.7	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF094474.D

Acq: 18 Apr 2017 2:38

Instrument :

BNA_F

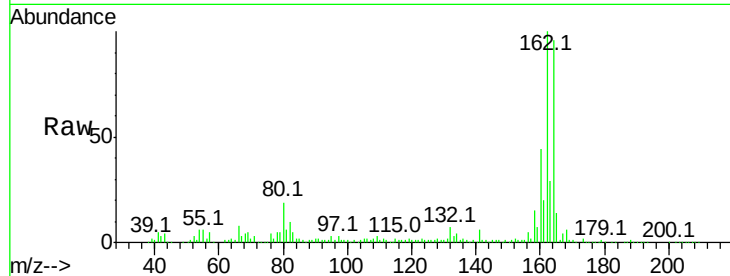
ClientSampleId :

E2-X10-ESW

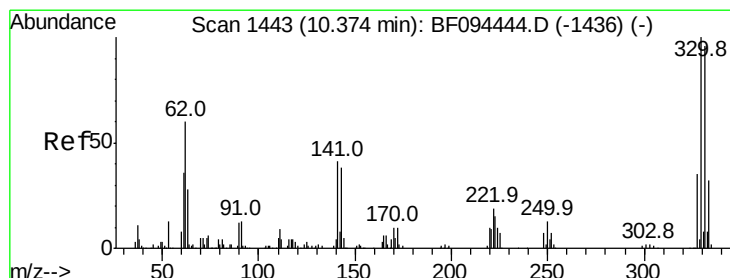
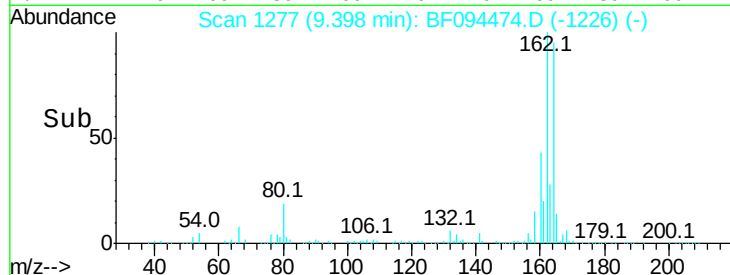
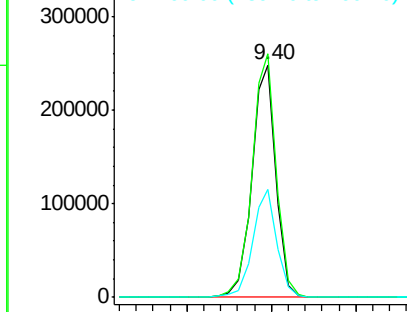
Tot Ion:	164	Resp:	244716
Ion Ratio	Lower	Upper	
164	100		
162	104.6	82.6	123.8
160	46.2	36.2	54.2

Manual Integrations
APPROVED

mohammad
4/18/2017 4:56:01 PM



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: 16.59 ng

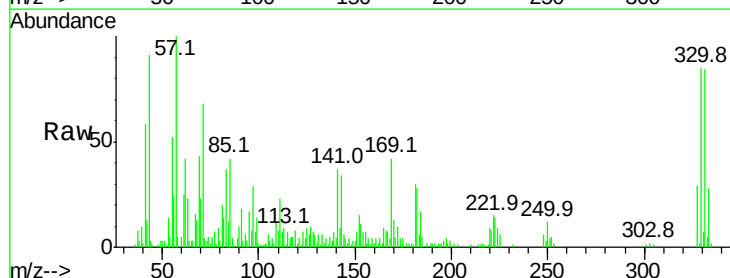
RT: 10.37 min Scan# 1442

Delta R.T. -0.01 min

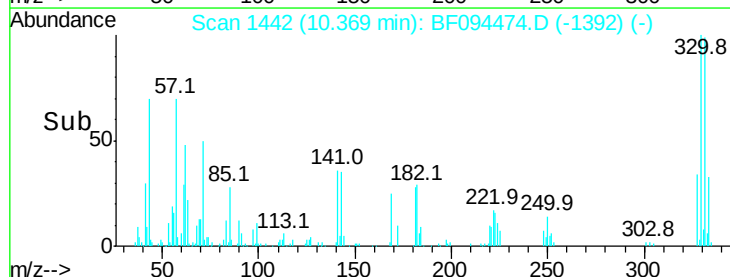
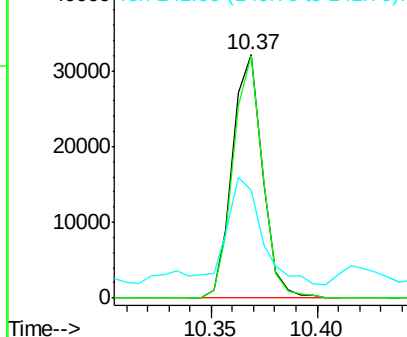
Lab File: BF094474.D

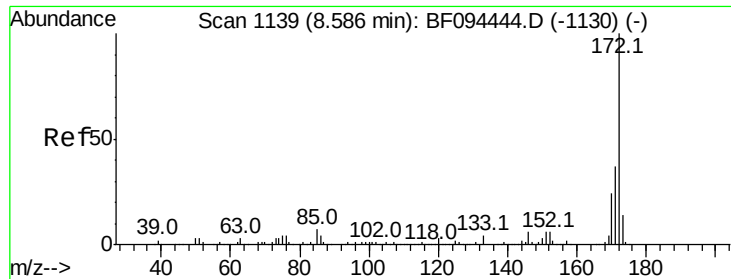
Acq: 18 Apr 2017 2:38

Tgt Ion:	330	Resp:	31755
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	115.0
141	50.9	31.4	47.2#



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: 13.04 ng

RT: 8.58 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF094474.D

Acq: 18 Apr 2017 2:38

Instrument :

BNA_F

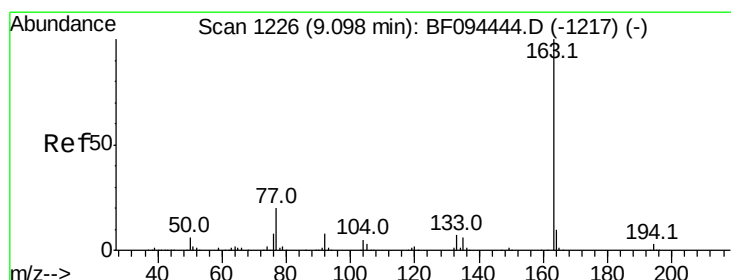
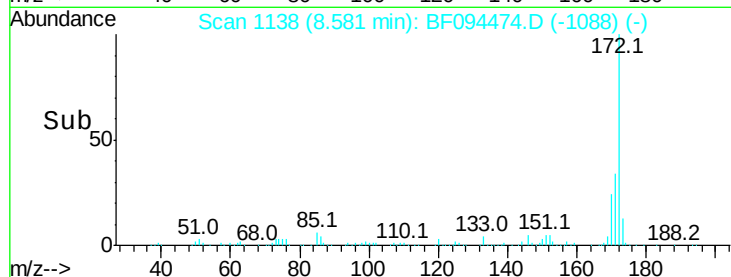
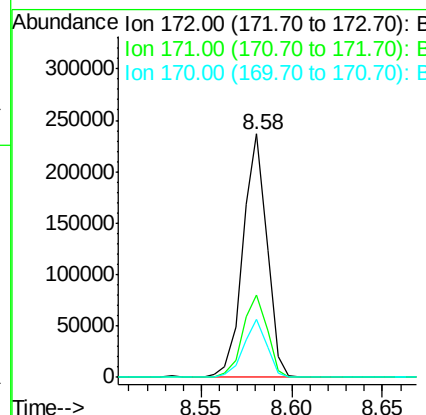
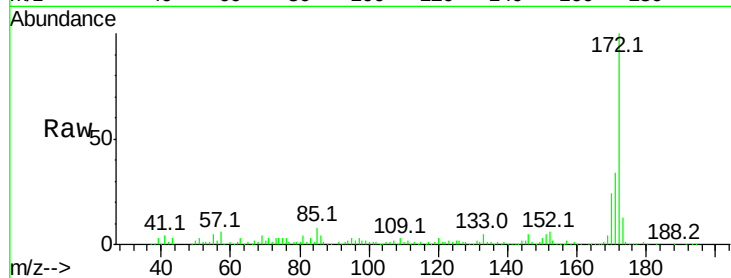
ClientSampleId :

E2-X10-ESW

Tot Ion:	172	Resp:	216880
Ion Ratio	Lower	Upper	
172	100		
171	33.7	29.6	44.4
170	23.6	19.8	29.8

Manual Integrations
APPROVED

mohammad
4/18/2017 4:56:01 PM



#49

Dimethylphthalate

Concen: 3.98 ng

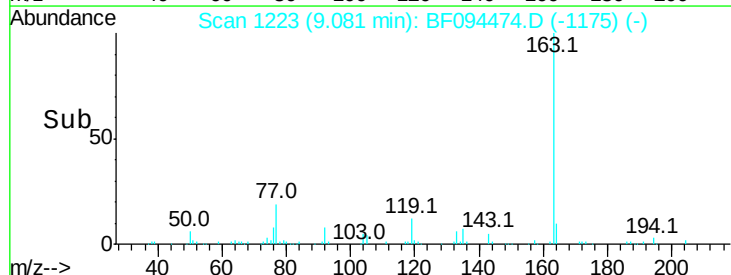
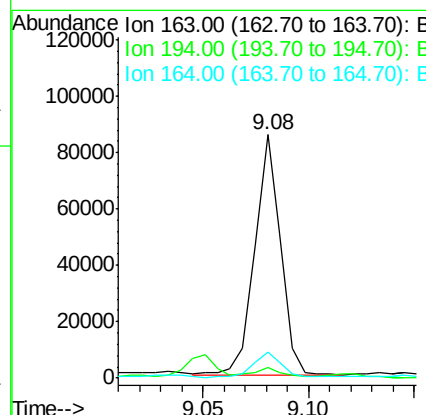
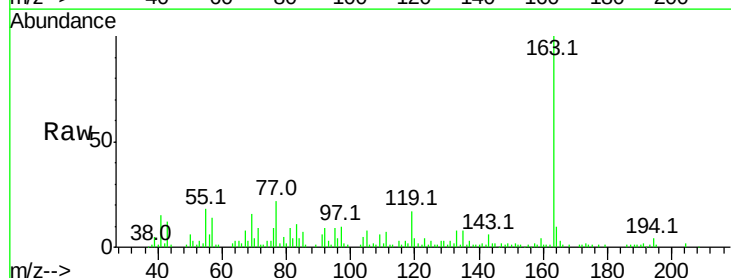
RT: 9.08 min Scan# 1223

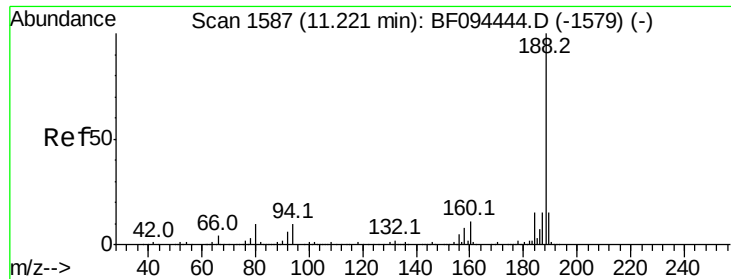
Delta R.T. -0.02 min

Lab File: BF094474.D

Acq: 18 Apr 2017 2:38

Tgt Ion:	163	Resp:	72624
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.6	4.0#
164	10.4	8.4	12.6





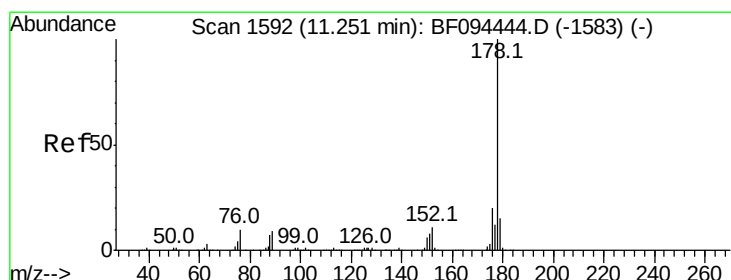
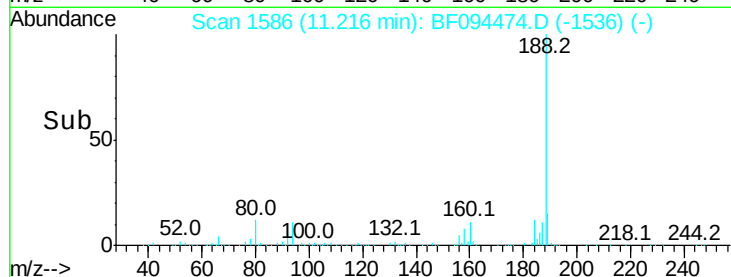
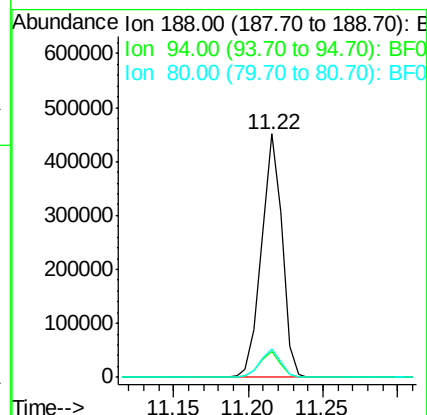
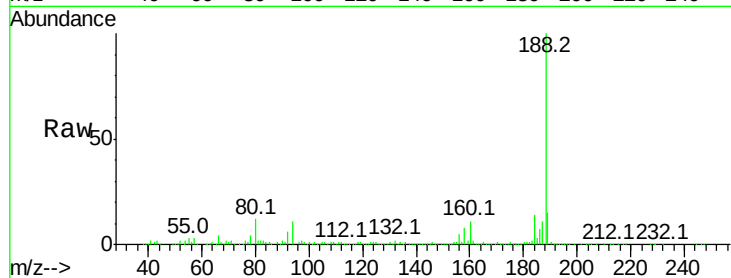
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094474.D
Acq: 18 Apr 2017 2:38

Instrument :
BNA_F
ClientSampleId :
E2-X10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	425287		
94	10.8		9.4	14.2
80	11.8		10.2	15.2

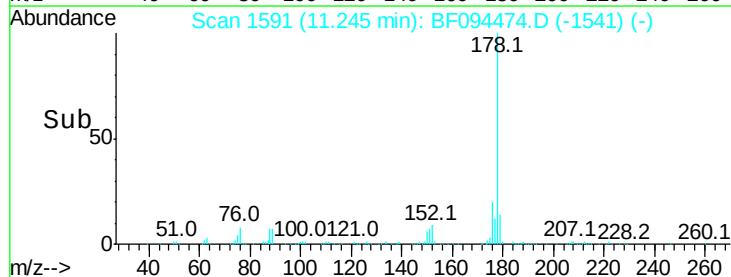
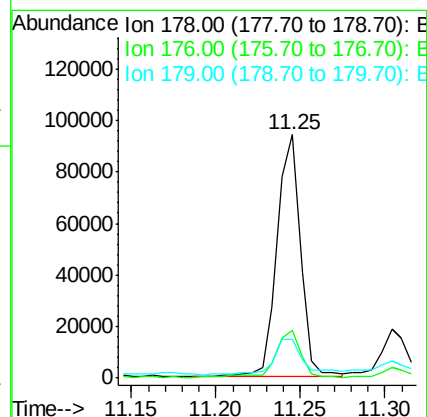
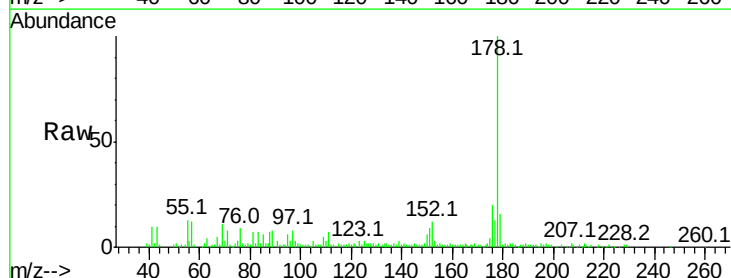
Manual Integrations
APPROVED

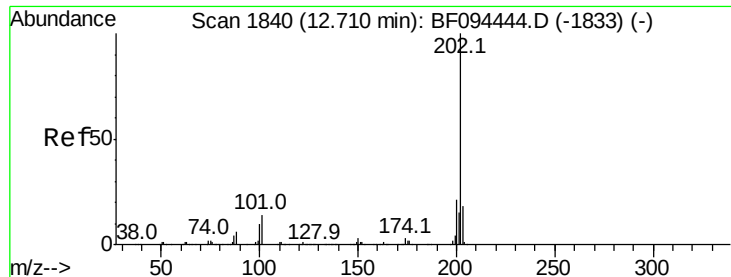
mohammad
4/18/2017 4:56:01 PM



#70
Phenanthrene
Concen: 3.78 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF094474.D
Acq: 18 Apr 2017 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	90535		
176	19.9		16.2	24.4
179	15.7		12.6	19.0





#74

Fluoranthene

Concen: 2.73 ng

RT: 12.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF094474.D

Acq: 18 Apr 2017 2:38

Instrument :

BNA_F

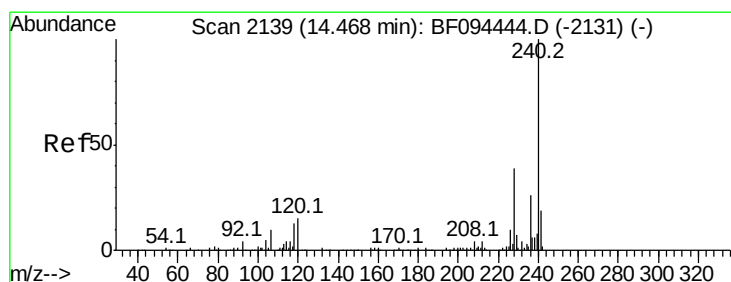
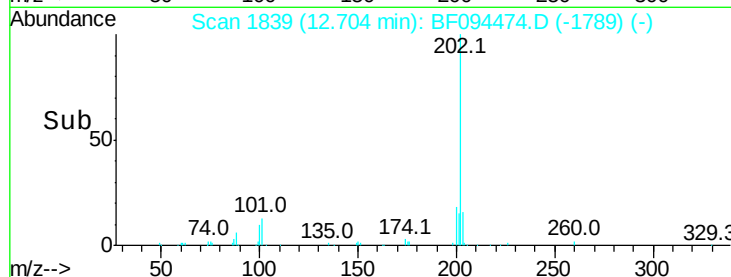
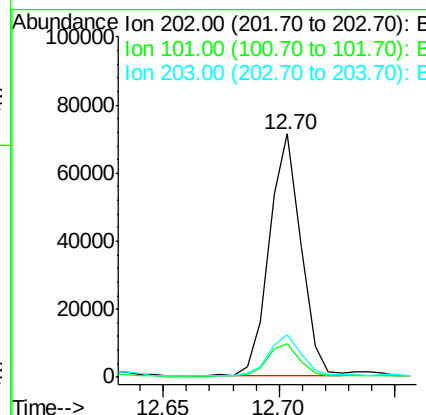
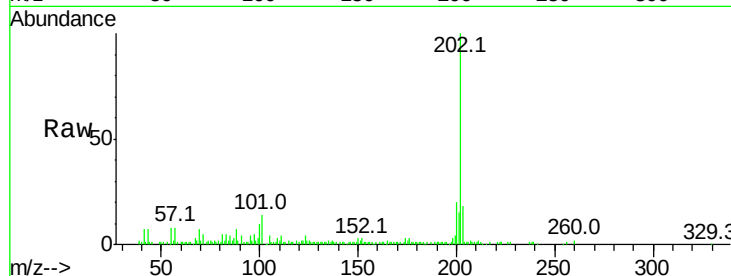
ClientSampleId :

E2-X10-ESW

Tot Ion:	202	Resp:	67823
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	33.2
203	17.5	0.0	38.1

Manual Integrations
APPROVED

mohammad
4/18/2017 4:56:01 PM



#75

Chrysene-d12

Concen: 20.00 ng

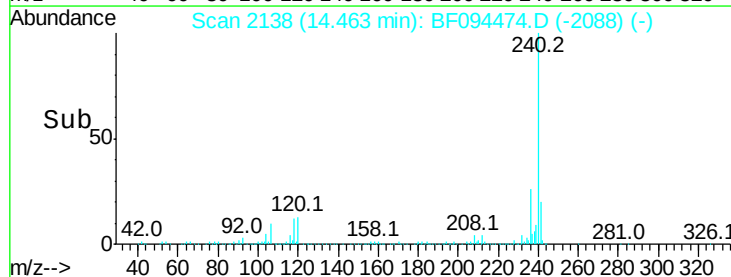
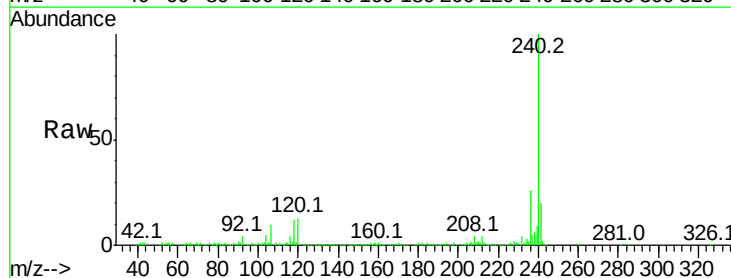
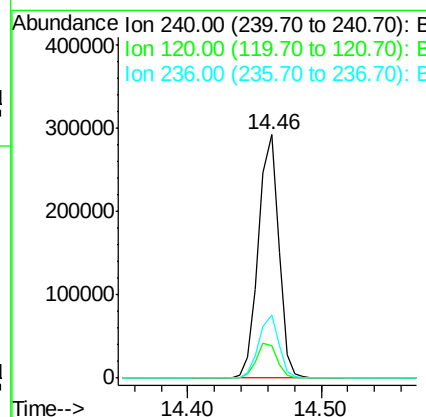
RT: 14.46 min Scan# 2138

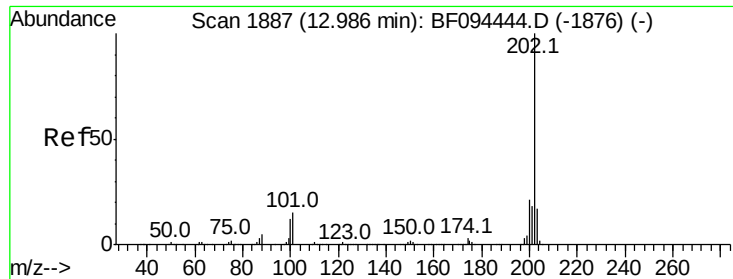
Delta R.T. -0.01 min

Lab File: BF094474.D

Acq: 18 Apr 2017 2:38

Tgt Ion:	240	Resp:	305602
Ion Ratio	Lower	Upper	
240	100		
120	13.5	5.8	8.8#
236	25.8	20.5	30.7





#77

Pvrene

Concen: 3.05 ng

RT: 12.97 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BF094474.D

Acq: 18 Apr 2017 2:38

Instrument :

BNA_F

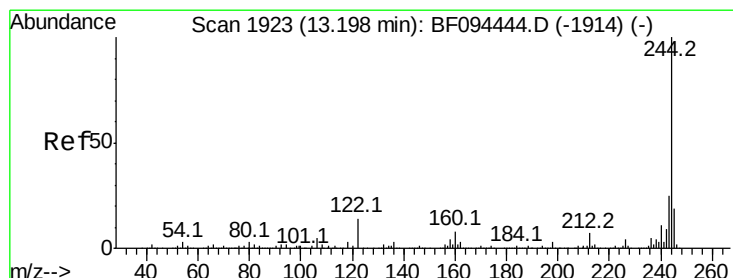
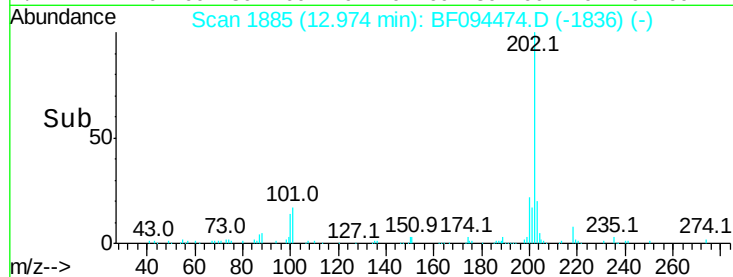
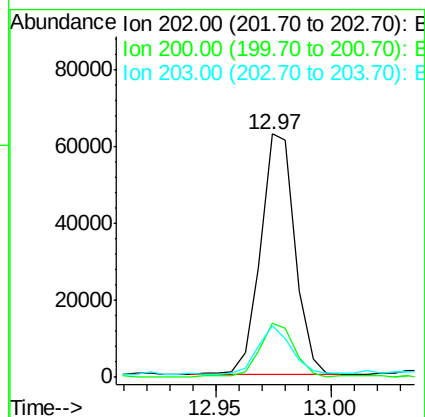
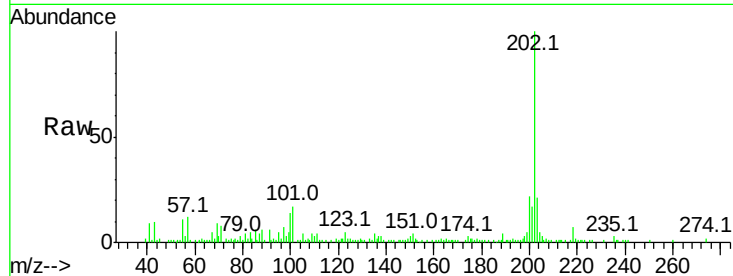
ClientSampleId :

E2-X10-ESW

Tot Ion:	202	Resp:	65140
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.6	26.4
203	21.1	14.4	21.6

Manual Integrations
APPROVED

mohammad
4/18/2017 4:56:01 PM



#78

Terphenyl-d14

Concen: 13.95 ng

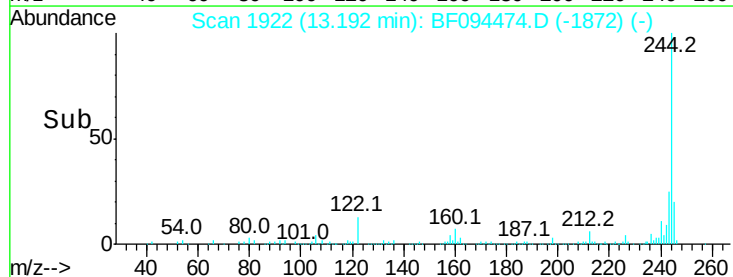
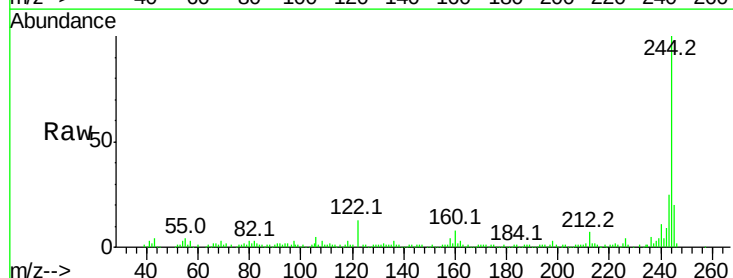
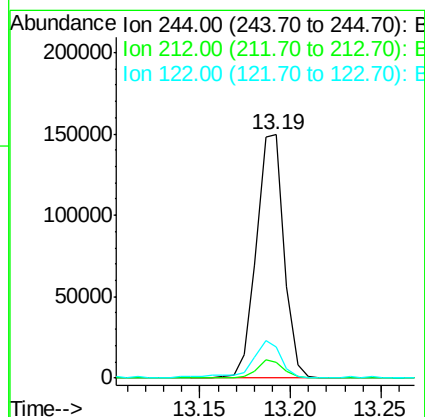
RT: 13.19 min Scan# 1922

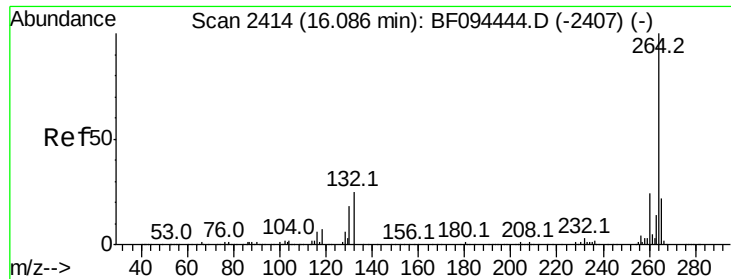
Delta R.T. -0.01 min

Lab File: BF094474.D

Acq: 18 Apr 2017 2:38

Tgt Ion:	244	Resp:	159509
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	13.0	10.3	15.5





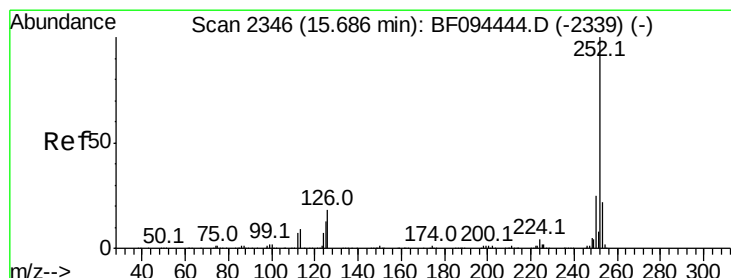
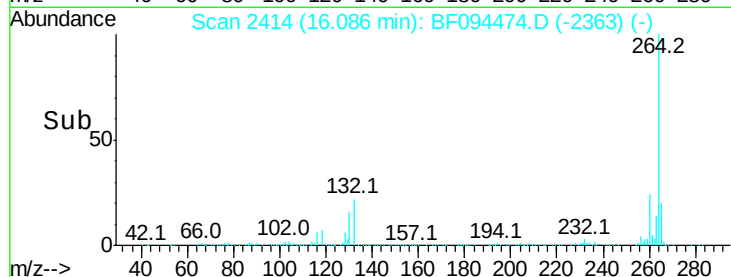
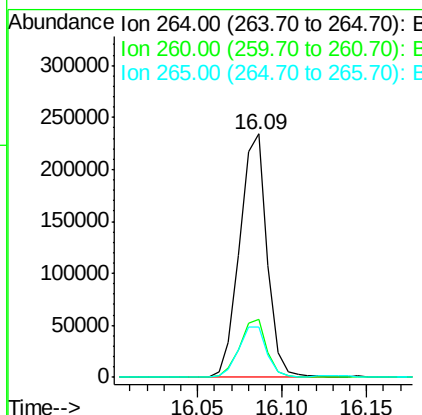
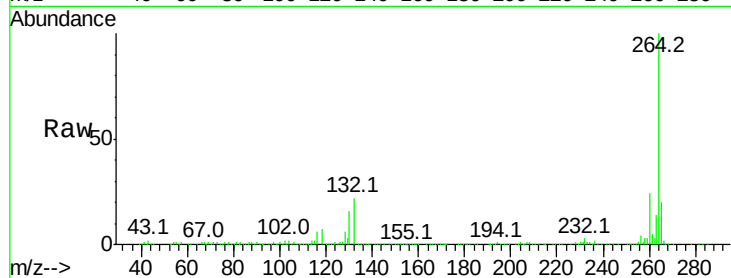
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BF094474.D
Acq: 18 Apr 2017 2:38

Instrument :
BNA_F
ClientSampleId :
E2-X10-ESW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.5	17.2	25.8

Manual Integrations
APPROVED

mohammad
4/18/2017 4:56:01 PM



#87
Benzo(b)fluoranthene
Concen: 2.80 ng m
RT: 15.68 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BF094474.D
Acq: 18 Apr 2017 2:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	16.3	9.8	14.8

