

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096345.D
 Acq On : 30 Jun 2017 19:23
 Operator : SJ/MA
 Sample : I3908-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-55-1.5-3

Manual Integrations
 APPROVED

mohammad
 7/3/2017 11:37:01 AM

Quant Time: Jun 30 23:37:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	153405	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	623297	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	238798	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	339045	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	296083	20.00	ng	-0.01
86) Perylene-d12	15.33	264	227056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	201085	18.88	ng	-0.02
7) Phenol-d6	6.38	99	247753	19.22	ng	-0.01
23) Nitrobenzene-d5	7.31	82	131585	14.61	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	41681	22.18	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	232199	17.81	ng	-0.03
78) Terphenyl-d14	12.86	244	146619	12.36	ng	-0.01
Target Compounds						
74) Fluoranthene	12.48	202	51054	2.71	ng	Qvalue 95
77) Pyrene	12.71	202	53686	2.21	ng	98
82) Chrysene	13.93	228	38682	2.07	ng	# 88
87) Benzo(b)fluoranthene	14.92	252	56009m	3.76	ng	

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

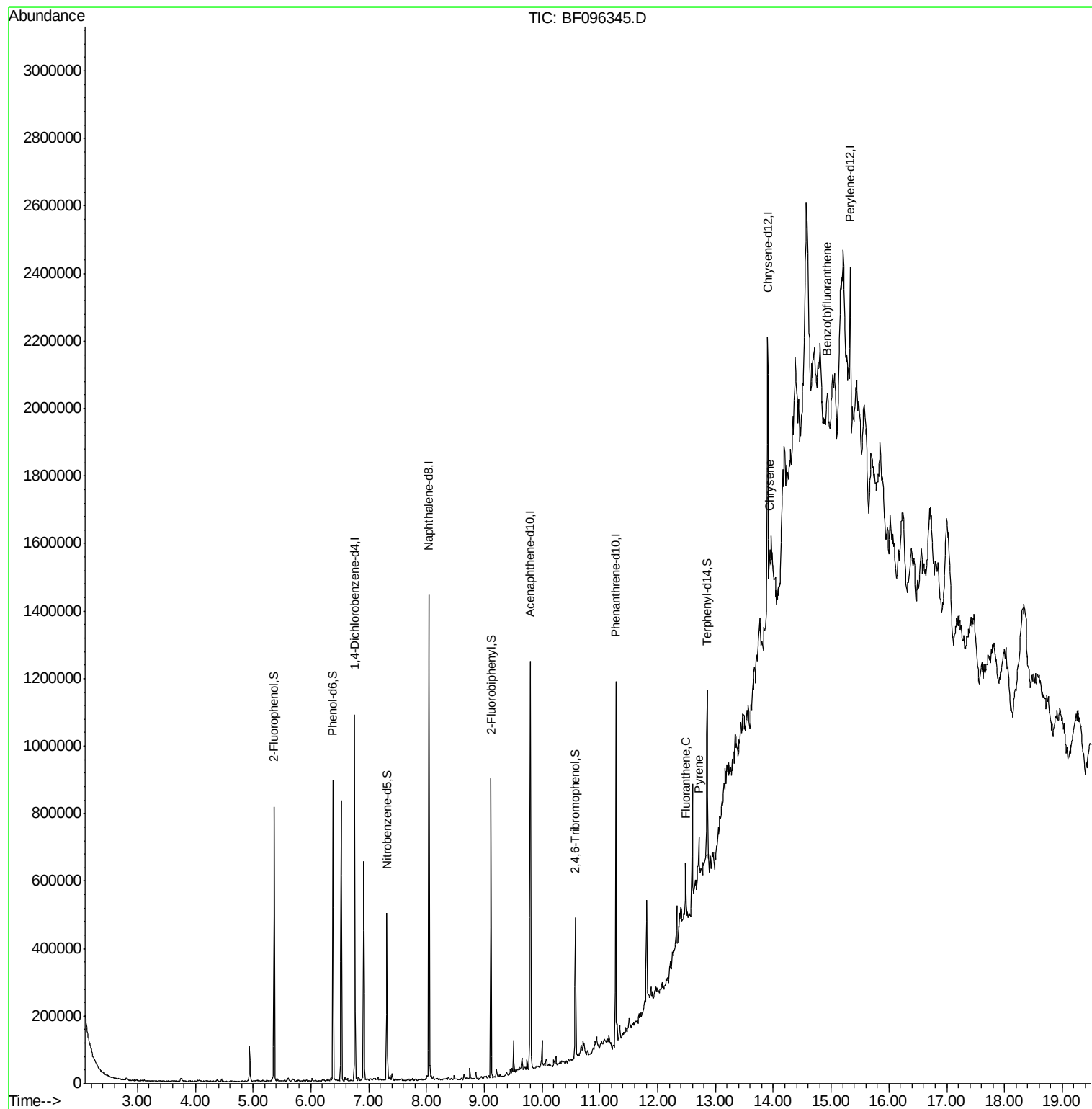
Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096345.D
Acq On : 30 Jun 2017 19:23
Operator : SJ/MA
Sample : I3908-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

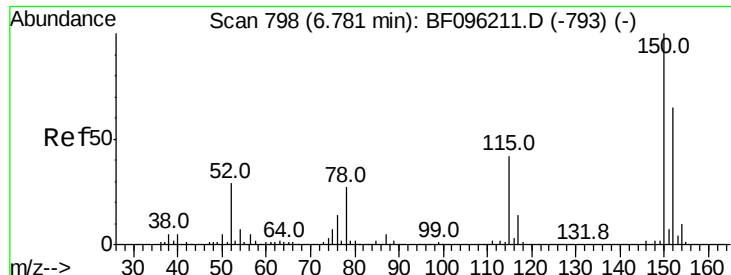
Instrument :
BNA_F
ClientSampleId :
G-55-1.5-3

Manual Integrations
APPROVED

mohammad
7/3/2017 11:37:01 AM

Quant Time: Jun 30 23:37:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration





#1

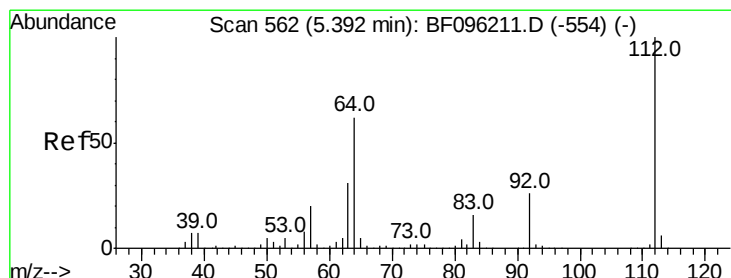
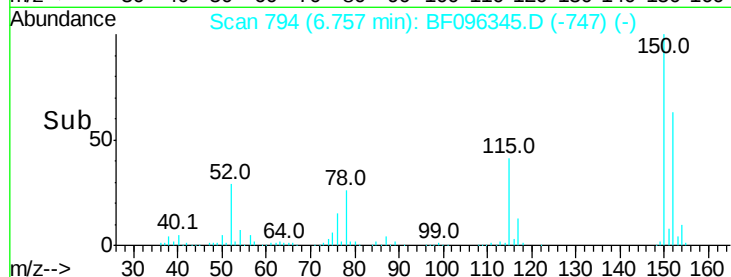
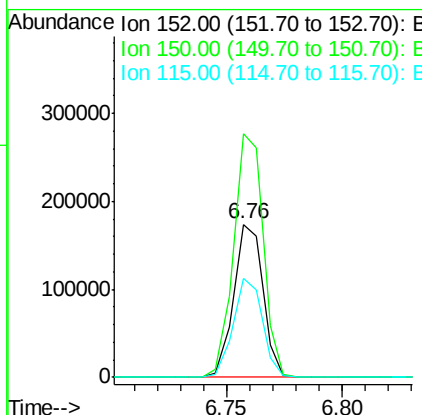
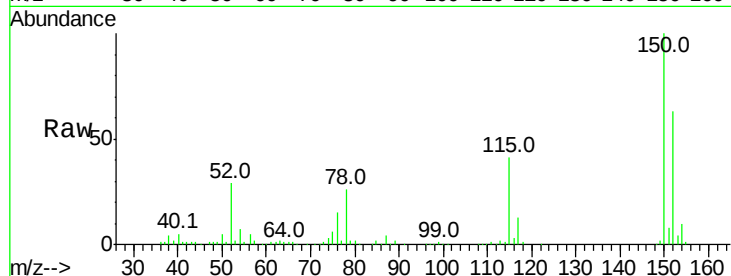
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :
G-55-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	64.9	52.2	78.2

Manual Integrations
APPROVED

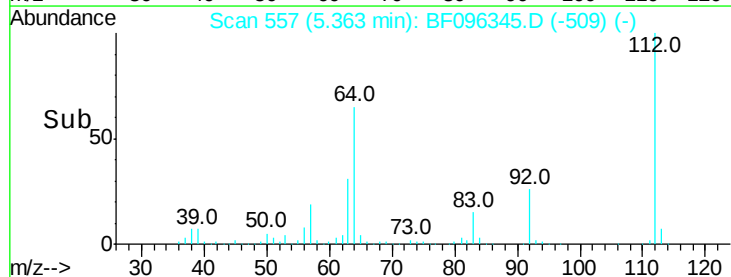
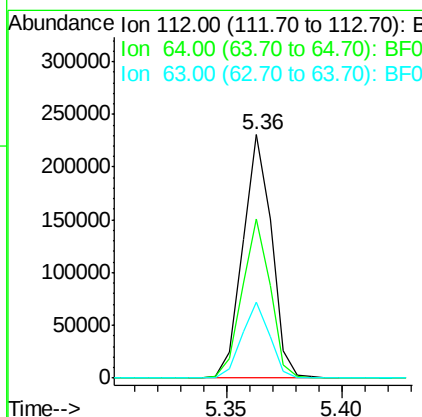
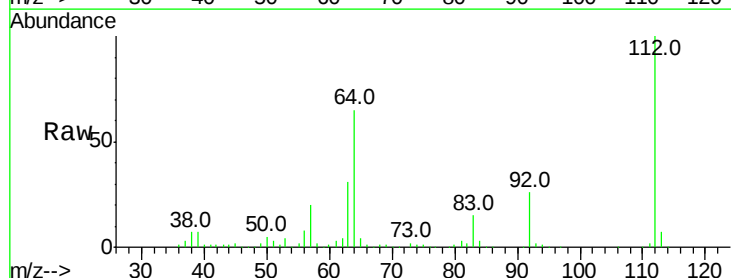
mohammad
7/3/2017 11:37:01 AM

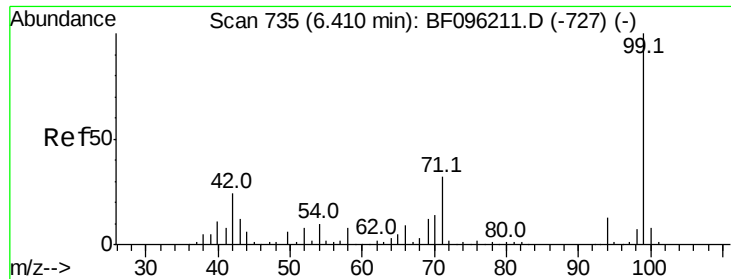


#5

2-Fluorophenol
Concen: 18.88 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	31.0	23.4	35.0





#7

Phenol-d6

Concen: 19.22 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096345.D

Acq: 30 Jun 2017 19:23

Instrument :

BNA_F

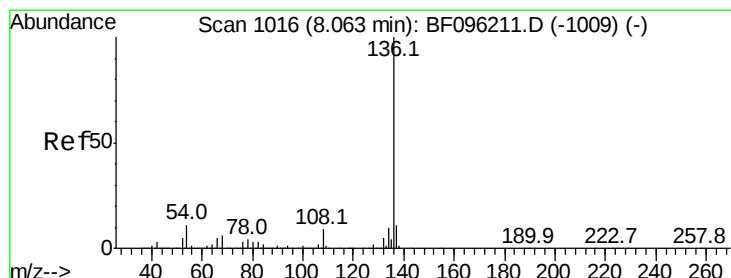
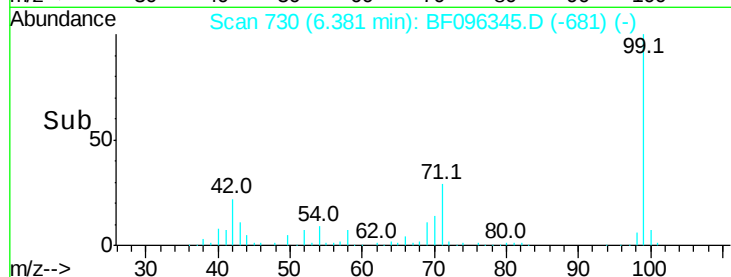
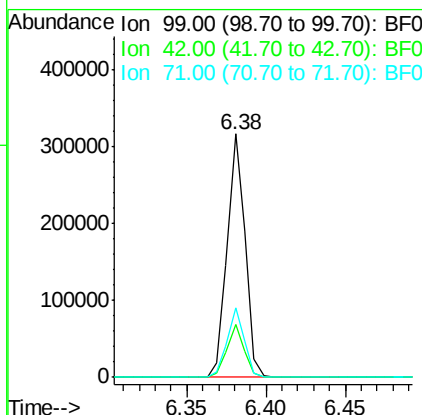
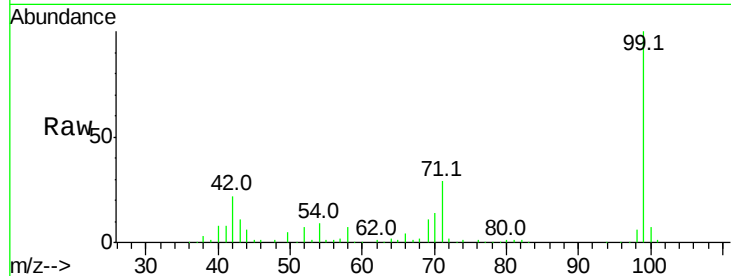
ClientSampleId :

G-55-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		247753		
42	21.7	13.5	20.3#		
71	28.6	24.5	36.7		

Manual Integrations
APPROVED

mohammad
7/3/2017 11:37:01 AM



#21

Naphthalene-d8

Concen: 20.00 ng

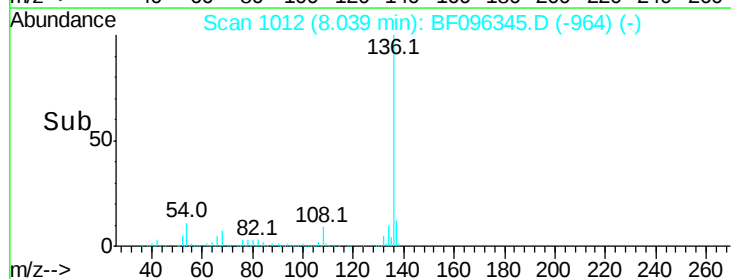
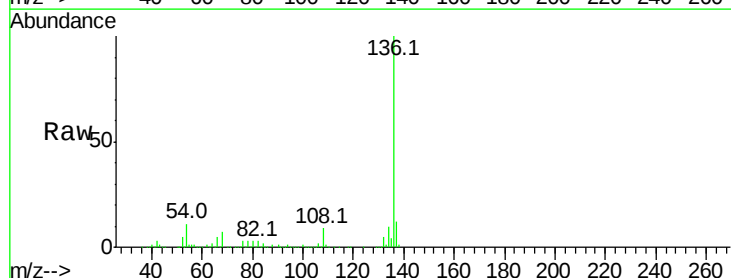
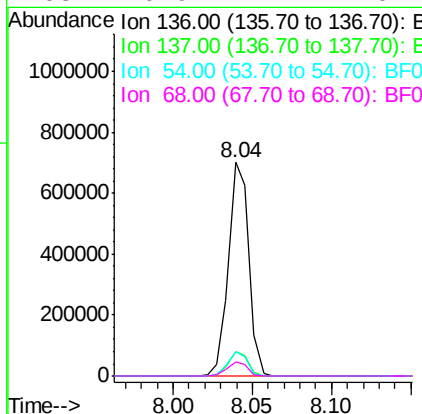
RT: 8.04 min Scan# 1012

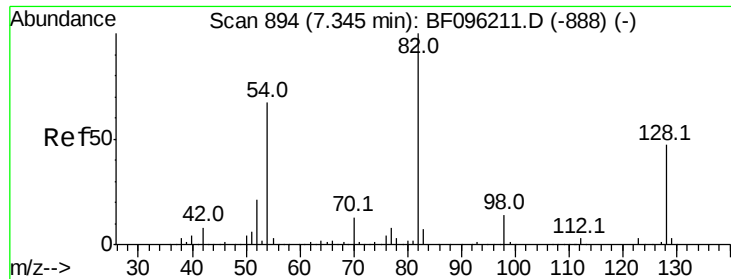
Delta R.T. -0.02 min

Lab File: BF096345.D

Acq: 30 Jun 2017 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		623297		
137	11.5	8.5	12.7		
54	11.1	4.9	7.3#		
68	6.9	4.1	6.1#		





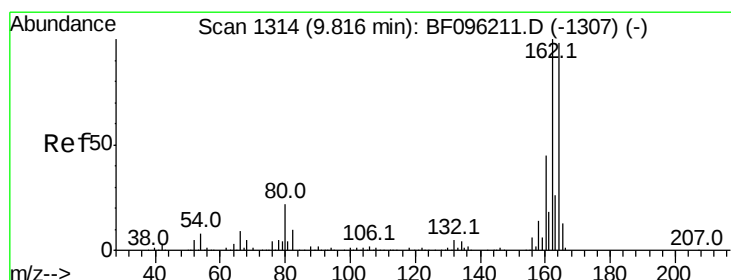
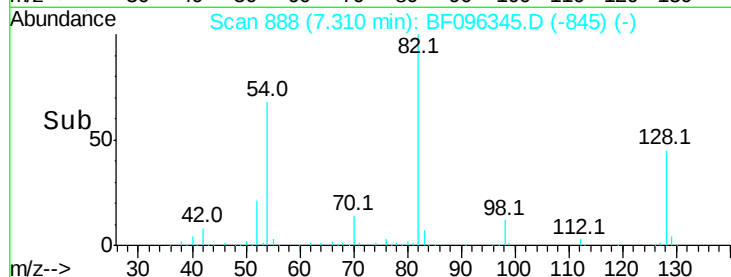
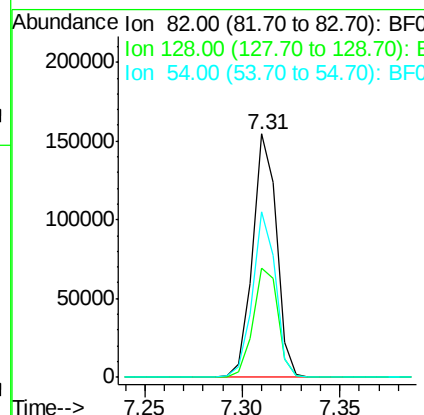
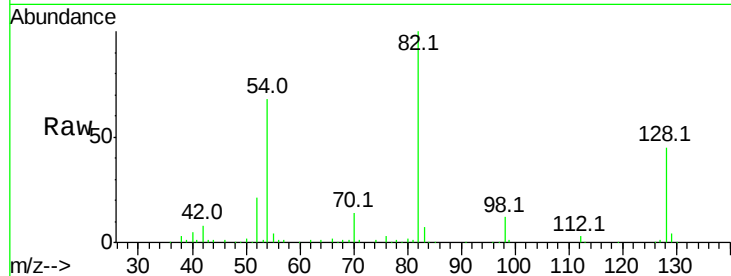
#23
 Nitrobenzene-d5
 Concen: 14.61 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.05 min
 Lab File: BF096345.D
 Acq: 30 Jun 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 G-55-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	45.0	34.0	51.0
54	67.9	42.2	63.2

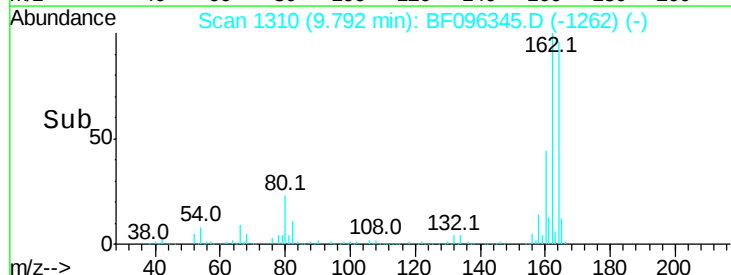
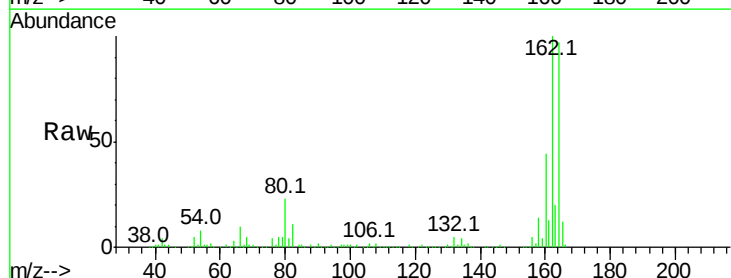
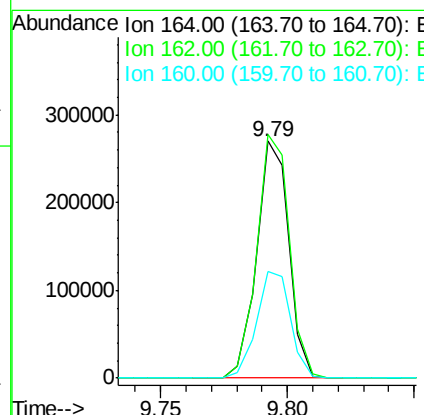
Manual Integrations
 APPROVED

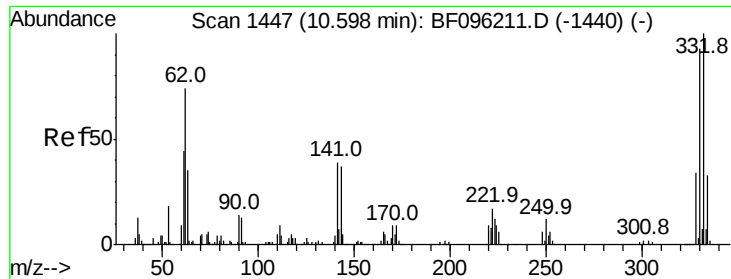
mohammad
 7/3/2017 11:37:01 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF096345.D
 Acq: 30 Jun 2017 19:23

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.2	36.2	54.2





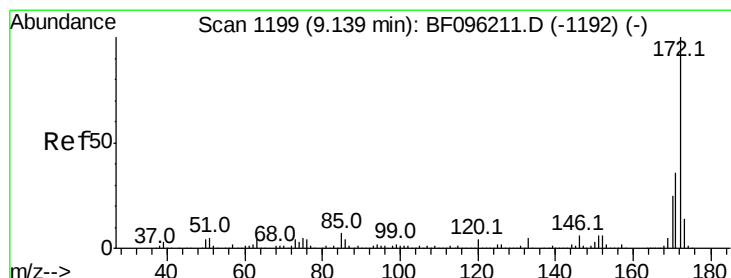
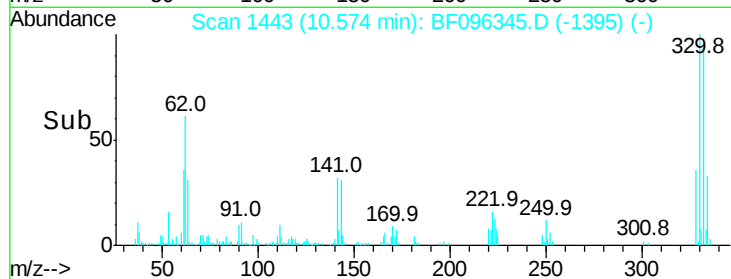
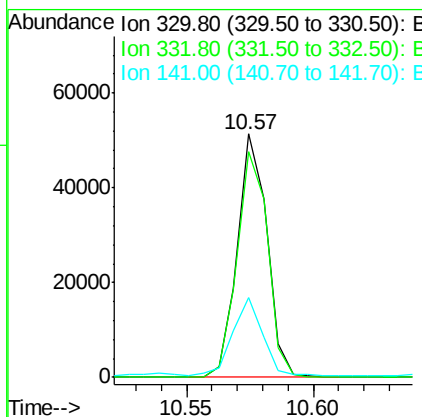
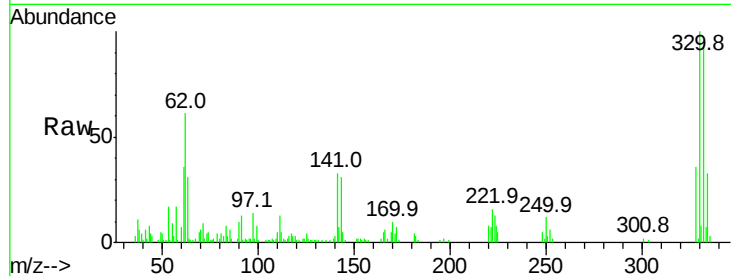
#41
 2,4,6-Tribromophenol
 Concen: 22.18 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF096345.D
 Acq: 30 Jun 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 G-55-1.5-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	31.8	31.4	47.2

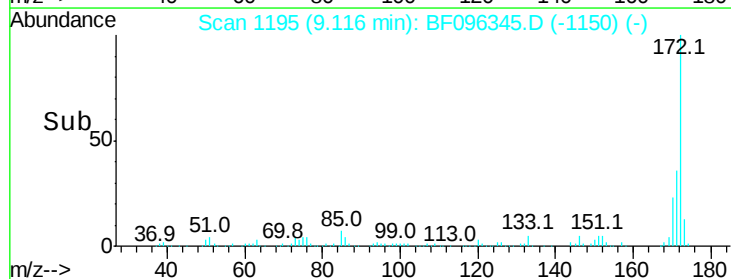
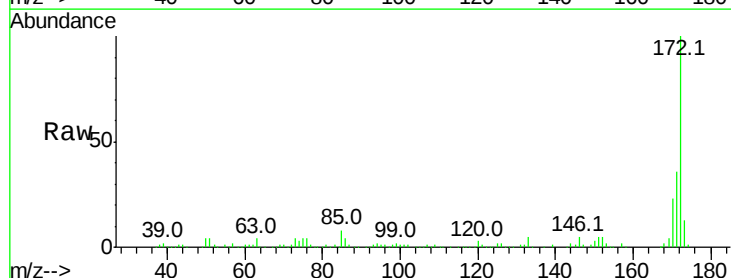
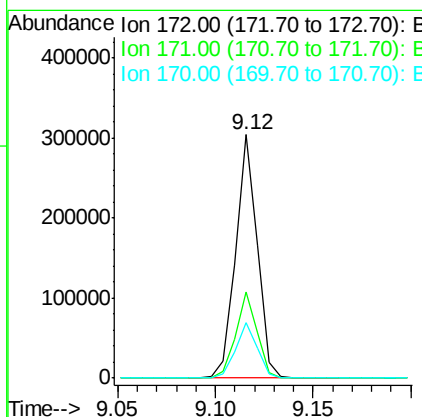
Manual Integrations
 APPROVED

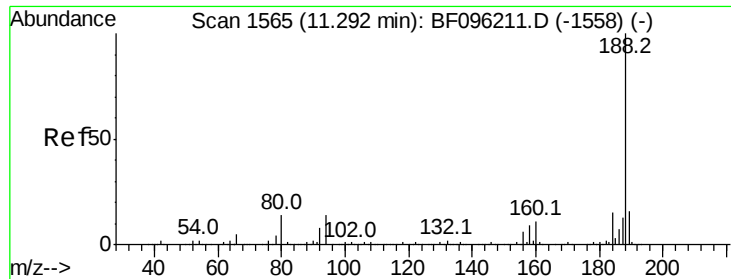
mohammad
 7/3/2017 11:37:01 AM



#44
 2-Fluorobiphenyl
 Concen: 17.81 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF096345.D
 Acq: 30 Jun 2017 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	22.7	19.8	29.8





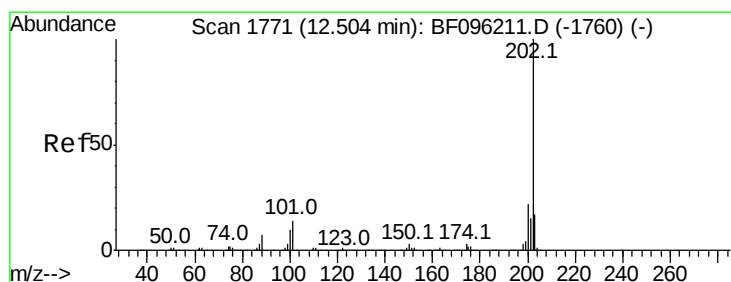
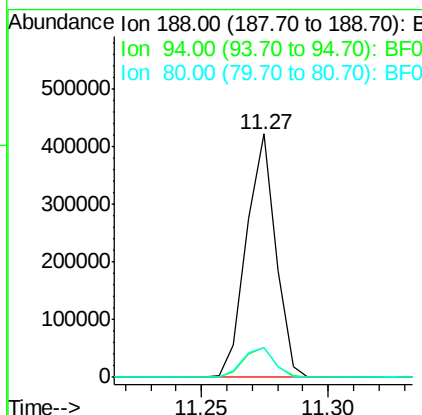
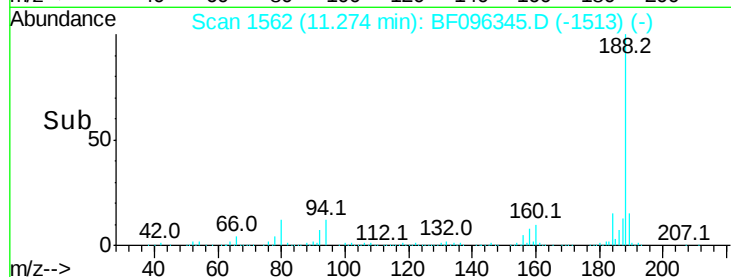
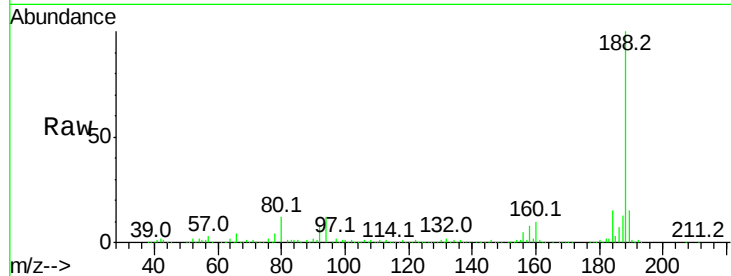
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :
G-55-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.1	9.4	14.2	
80	12.5	10.2	15.2	

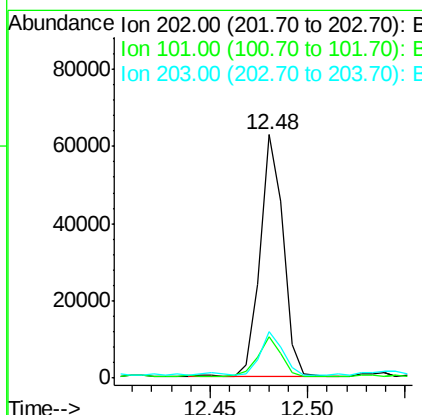
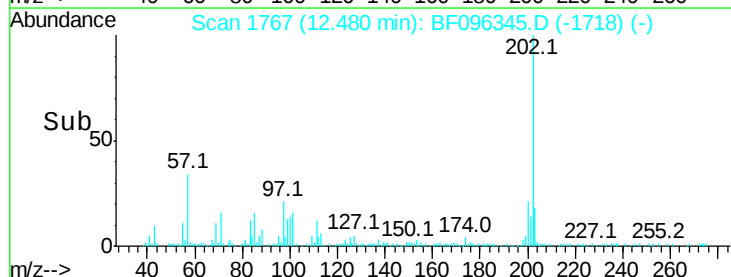
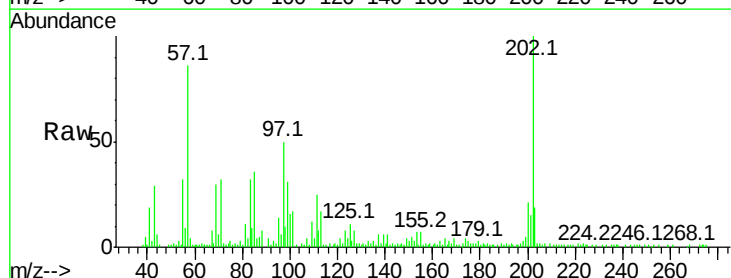
Manual Integrations
APPROVED

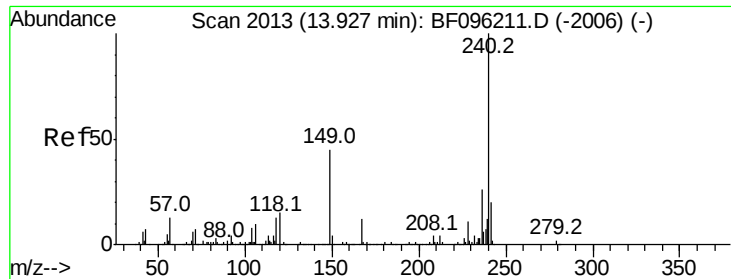
mohammad
7/3/2017 11:37:01 AM



#74
Fluoranthene
Concen: 2.71 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	17.0	0.0	33.2	
203	19.1	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096345.D

Acq: 30 Jun 2017 19:23

Instrument :

BNA_F

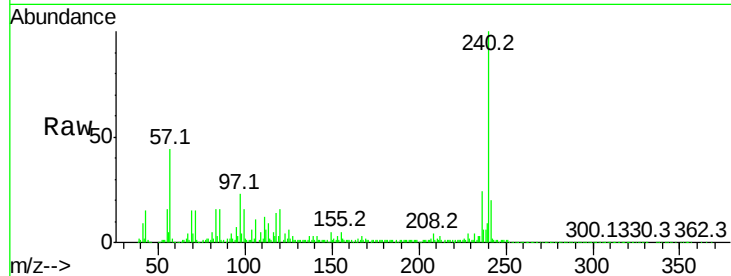
ClientSampleId :

G-55-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
240	100	296083		
120	16.1	5.8	8.8#	
236	24.5	20.5	30.7	

Manual Integrations
APPROVED

mohammad
7/3/2017 11:37:01 AM

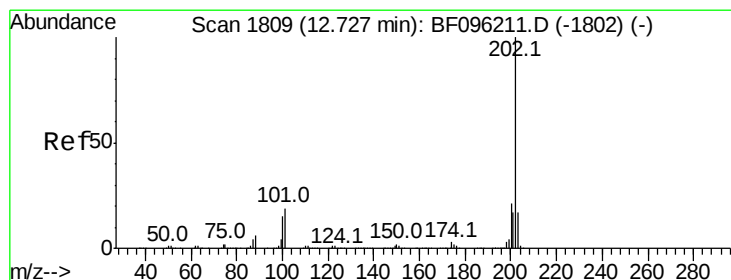
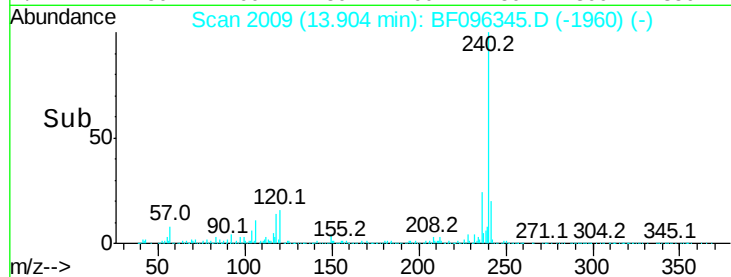
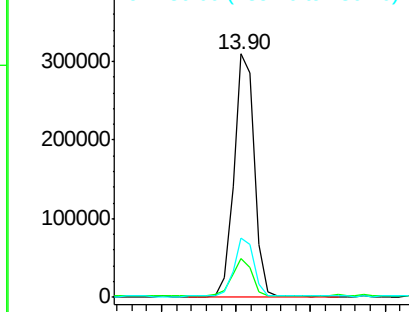


Abundance

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: 2.21 ng

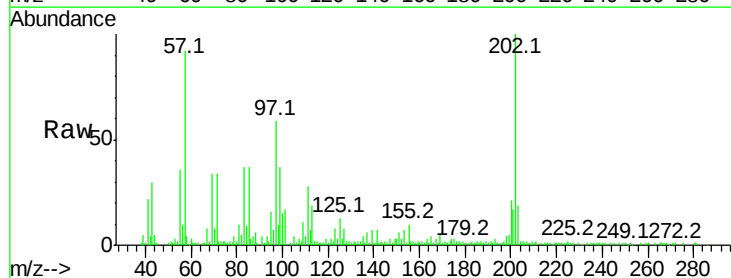
RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF096345.D

Acq: 30 Jun 2017 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	53686		
200	21.3	17.6	26.4	
203	19.4	14.4	21.6	

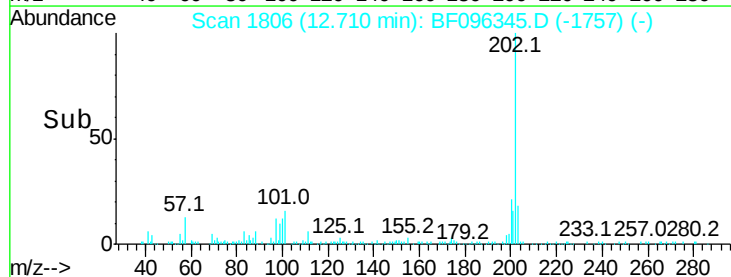
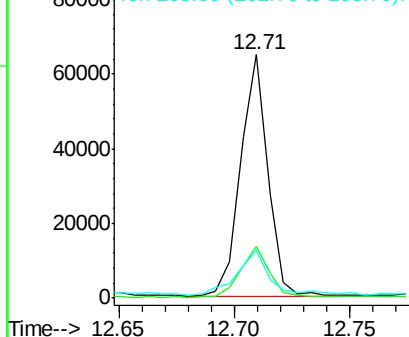


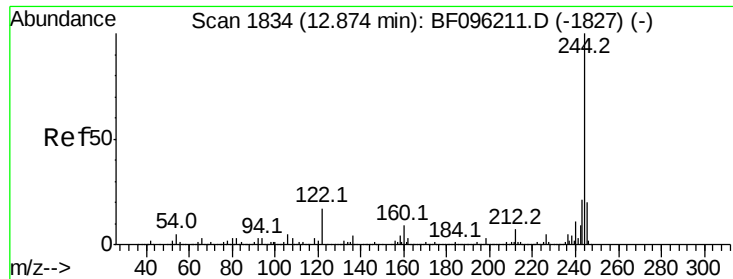
Abundance

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





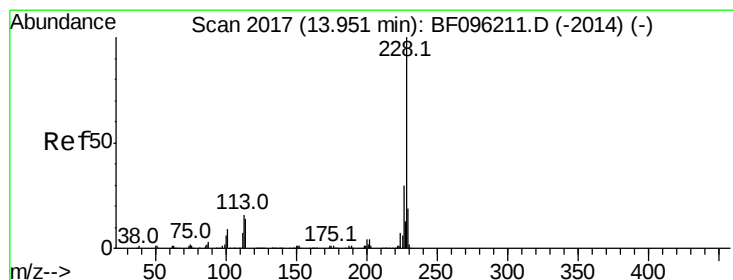
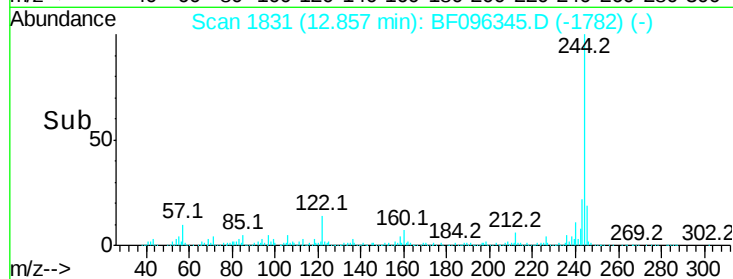
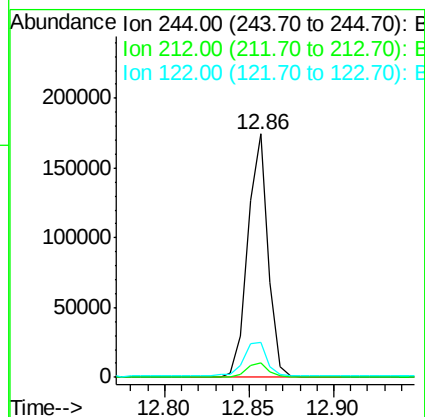
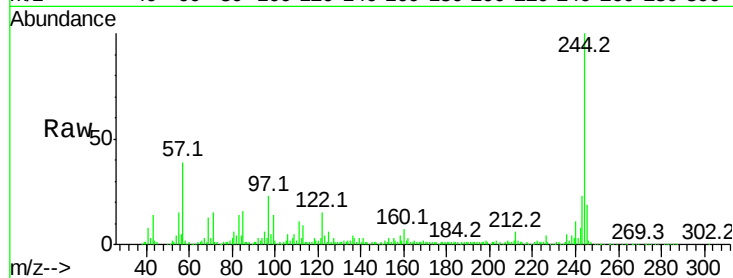
#78
 Terphenyl-d14
 Concen: 12.36 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF096345.D
 Acq: 30 Jun 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 G-55-1.5-3

Tot Ion:	244	Resp:	146619
Ion Ratio	Lower	Upper	
244	100		
212	6.0	6.0	9.0
122	14.5	10.3	15.5

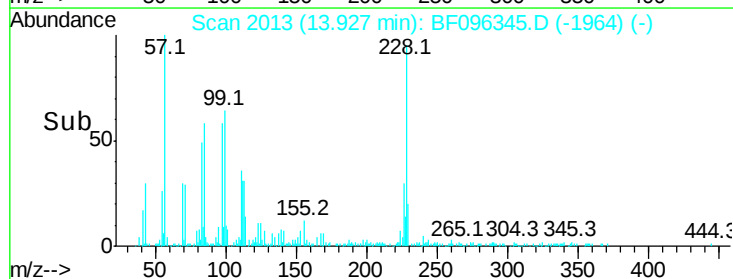
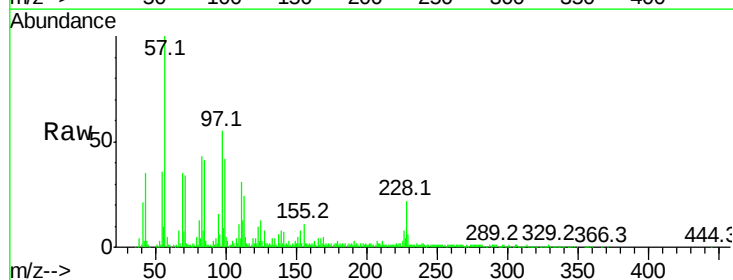
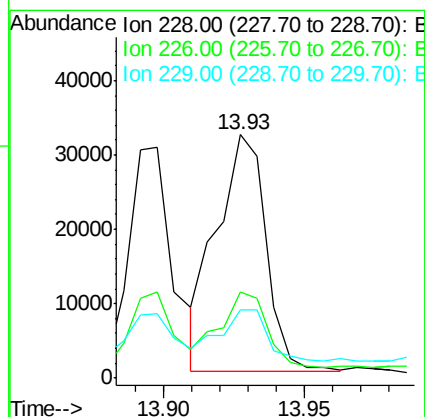
Manual Integrations
 APPROVED

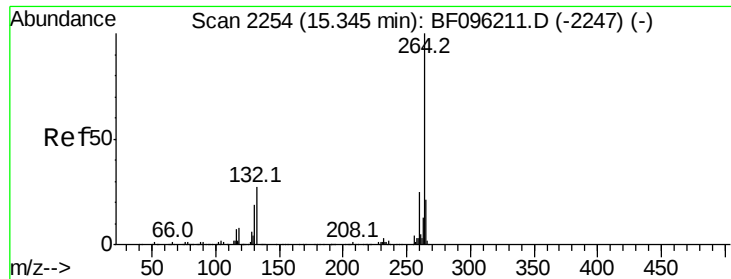
mohammad
 7/3/2017 11:37:01 AM



#82
 Chrysene
 Concen: 2.07 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF096345.D
 Acq: 30 Jun 2017 19:23

Tgt Ion:	228	Resp:	38682
Ion Ratio	Lower	Upper	
228	100		
226	35.4	24.9	37.3
229	27.9	15.8	23.6





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BF096345.D

Acq: 30 Jun 2017 19:23

Instrument :

BNA_F

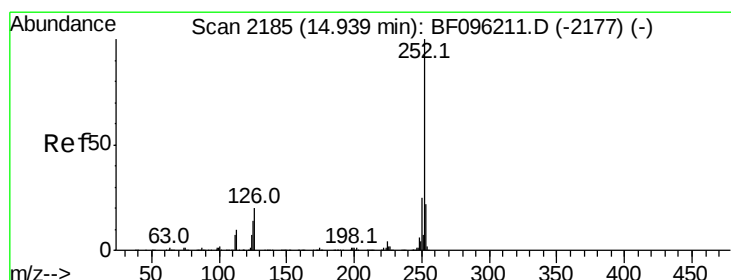
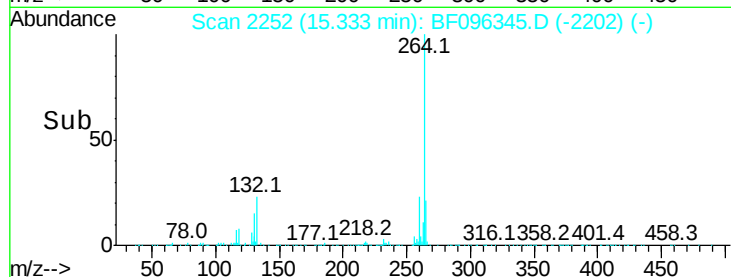
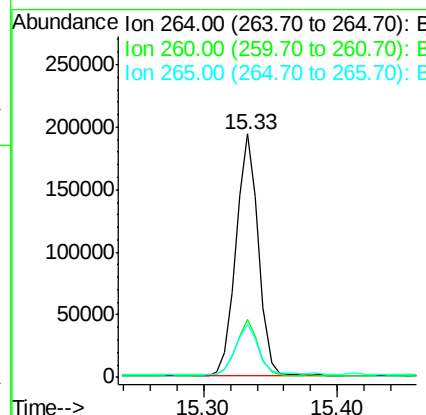
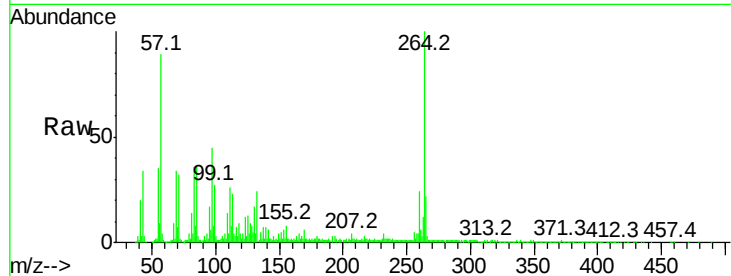
ClientSampleId :

G-55-1.5-3

Tot Ion:	264	Resp:	227056
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.6	17.2	25.8

Manual Integrations
APPROVED

mohammad
7/3/2017 11:37:01 AM



#87

Benzo(b)fluoranthene

Concen: 3.76 ng m

RT: 14.92 min Scan# 2182

Delta R.T. -0.04 min

Lab File: BF096345.D

Acq: 30 Jun 2017 19:23

Tgt Ion:	252	Resp:	56009
Ion Ratio	Lower	Upper	
252	100		
253	35.5	18.1	27.1#
125	71.1	9.8	14.8#

