

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095143.D
 Acq On : 16 May 2017 00:36
 Operator : SJ/MA
 Sample : I3140-12 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-1.5

Manual Integrations
 APPROVED

mohammad
 5/17/2017 2:20:35 PM

Quant Time: May 16 08:54:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	62523	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	244362	20.00	ng	0.04
38) Acenaphthene-d10	12.63	164	100719	20.00	ng	0.05
63) Phenanthrene-d10	15.04	188	147848	20.00	ng	0.05
75) Chrysene-d12	18.70	240	136196	20.00	ng	0.05
86) Perylene-d12	20.38	264	116419	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	118595	31.62	ng	0.09
7) Phenol-d6	7.33	99	137559	30.57	ng	0.05
23) Nitrobenzene-d5	8.68	82	87776	22.65	ng	0.04
41) 2,4,6-Tribromophenol	13.94	330	22969	27.85	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	187541	26.80	ng	0.04
78) Terphenyl-d14	17.35	244	120692	19.52	ng	0.04
Target Compounds						
49) Dimethylphthalate	12.26	163	23010	2.78	ng	# 95
74) Fluoranthene	16.81	202	39617	4.55	ng	# 93
77) Pyrene	17.11	202	52306	5.14	ng	# 95
82) Chrysene	18.74	228	17369	2.27	ng	# 82
87) Benzo(b)fluoranthene	19.98	252	23253m	3.23	ng	# 87
89) Benzo(a)pyrene	20.32	252	14570	2.19	ng	# 87

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

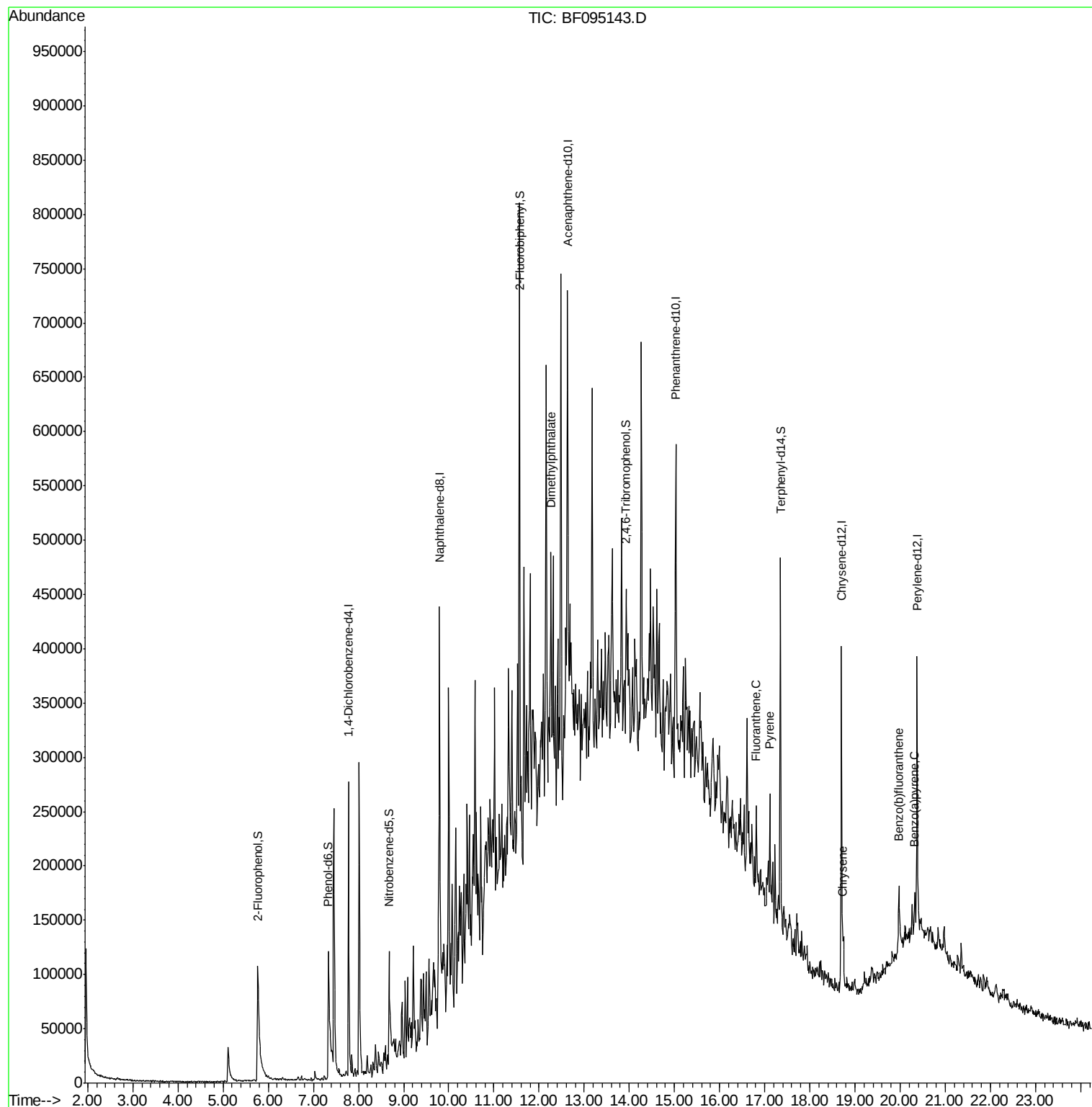
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095143.D
Acq On : 16 May 2017 00:36
Operator : SJ/MA
Sample : I3140-12 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

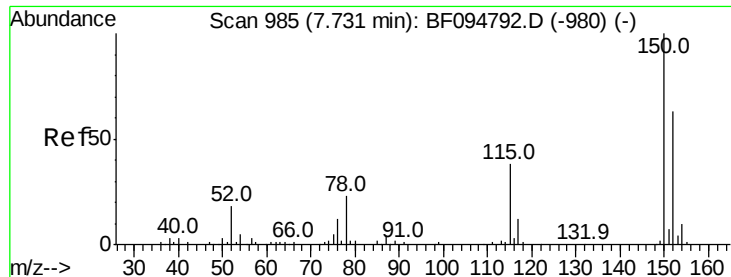
Instrument :
BNA_F
ClientSampleId :
TP-7-1.5

Manual Integrations
APPROVED

mohammad
5/17/2017 2:20:35 PM

Quant Time: May 16 08:54:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration





#1

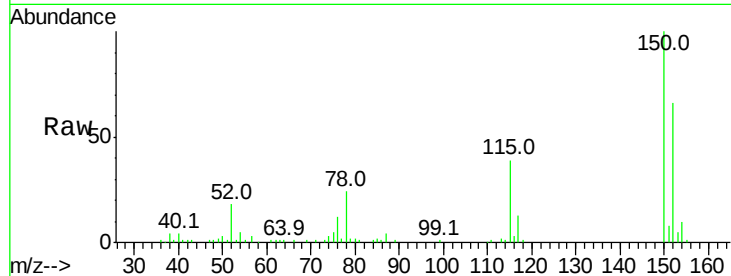
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095143.D
Acq: 16 May 2017 00:36

Instrument :
BNA_F
ClientSampleId :
TP-7-1.5

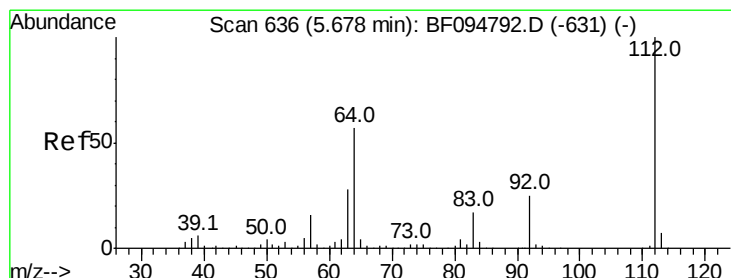
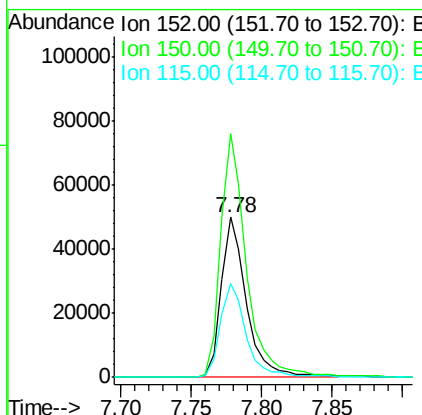
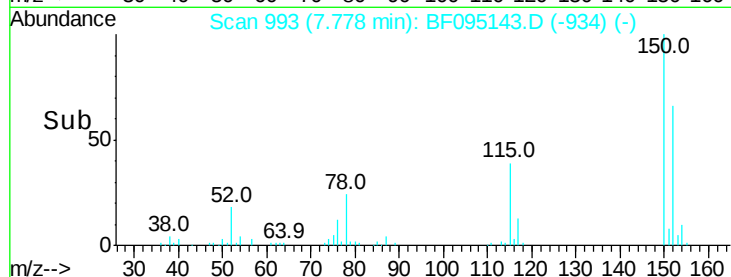
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.2	189.2
115	58.7	52.2	78.2

Manual Integrations
APPROVED

mohammad
5/17/2017 2:20:35 PM



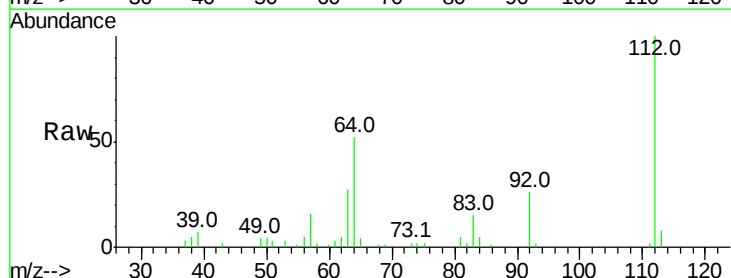
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



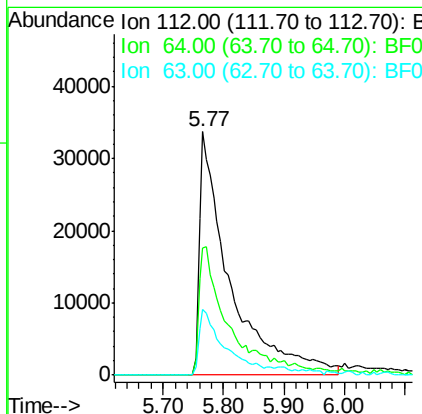
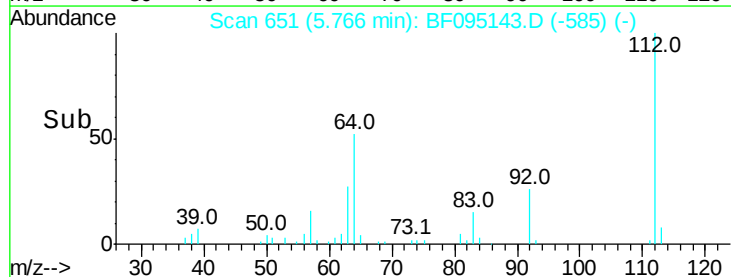
#5

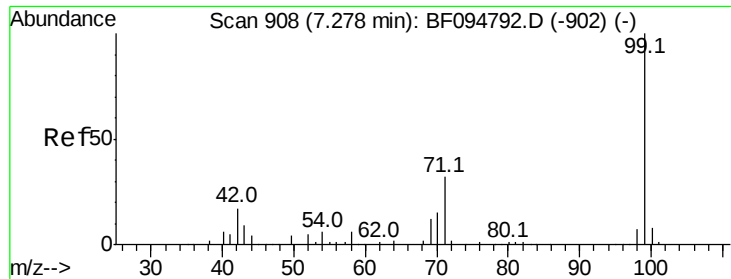
2-Fluorophenol
Concen: 31.62 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.09 min
Lab File: BF095143.D
Acq: 16 May 2017 00:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.0	69.0
63	27.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.57 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.05 min

Lab File: BF095143.D

Acq: 16 May 2017 00:36

Instrument :

BNA_F

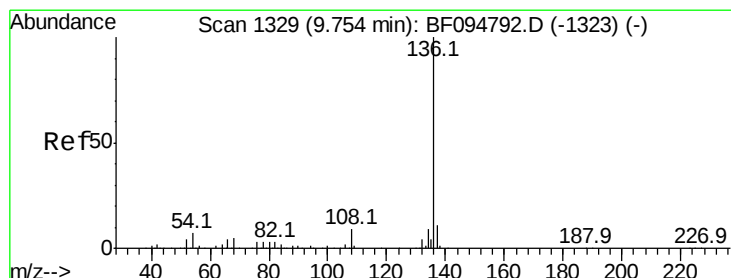
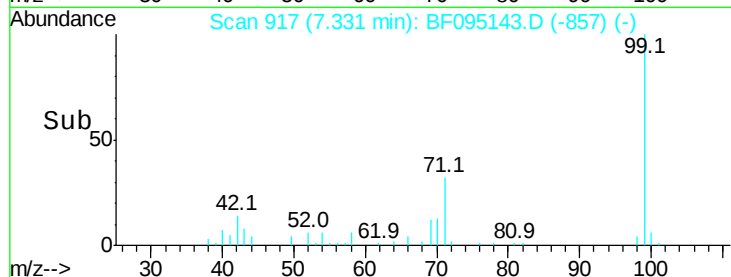
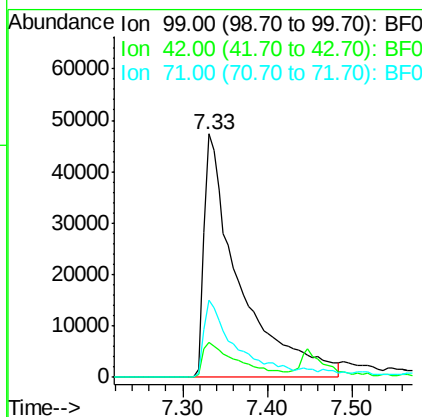
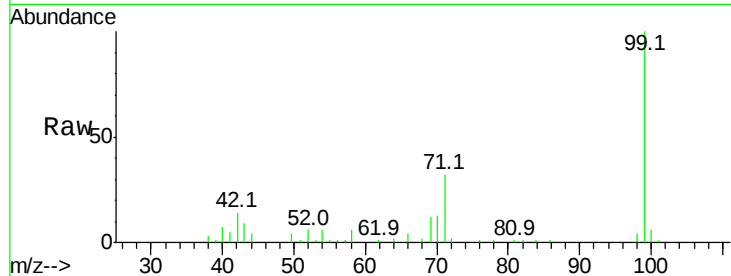
ClientSampleId :

TP-7-1.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		137559		
42	14.3	13.5	20.3		
71	31.9	24.5	36.7		

Manual Integrations
APPROVED

mohammad
5/17/2017 2:20:35 PM



#21

Naphthalene-d8

Concen: 20.00 ng

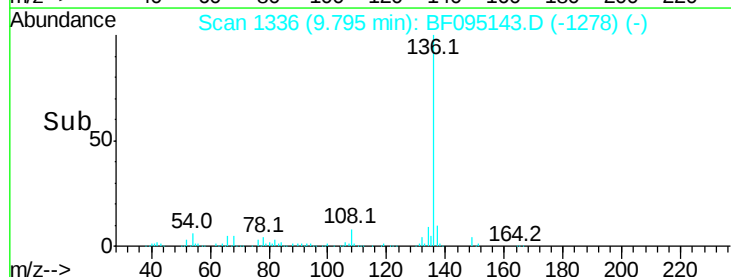
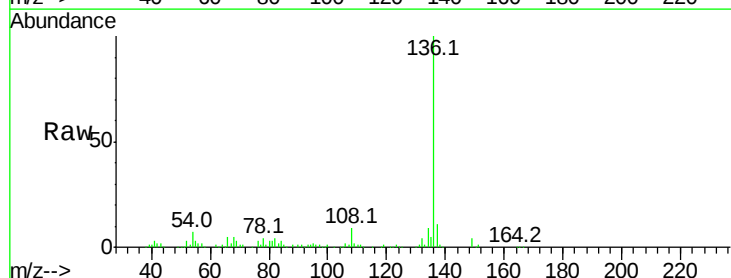
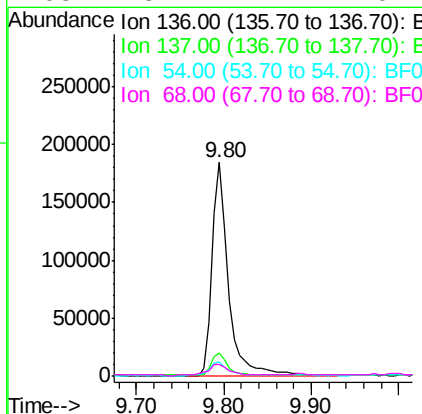
RT: 9.80 min Scan# 1336

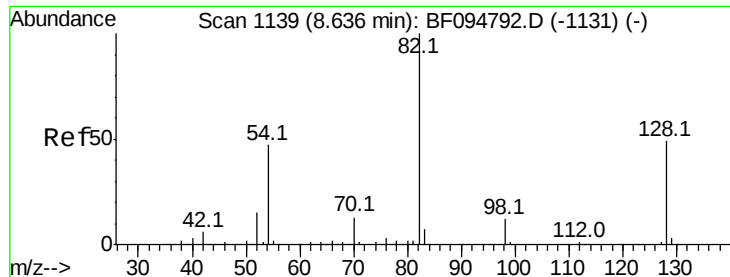
Delta R.T. 0.04 min

Lab File: BF095143.D

Acq: 16 May 2017 00:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		244362		
137	10.7	8.5	12.7		
54	6.6	4.9	7.3		
68	5.4	4.1	6.1		





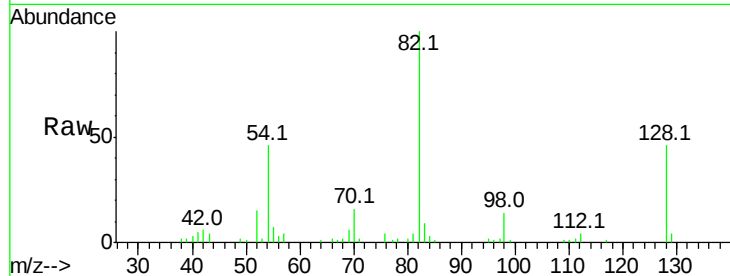
#23
Nitrobenzene-d5
Concen: 22.65 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.04 min
Lab File: BF095143.D
Acq: 16 May 2017 00:36

Instrument :
BNA_F
ClientSampleId :
TP-7-1.5

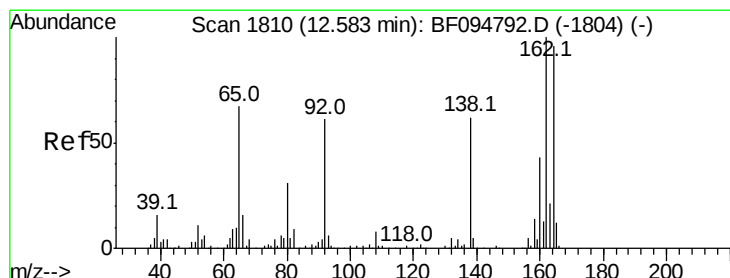
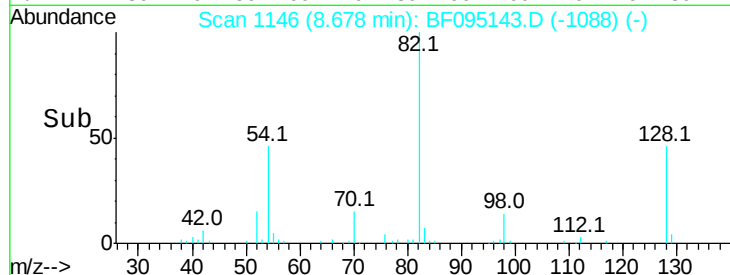
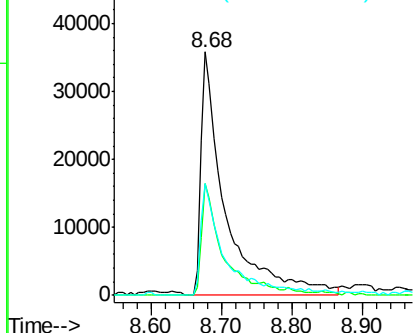
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	46.1	42.2	63.2

Manual Integrations
APPROVED

mohammad
5/17/2017 2:20:35 PM



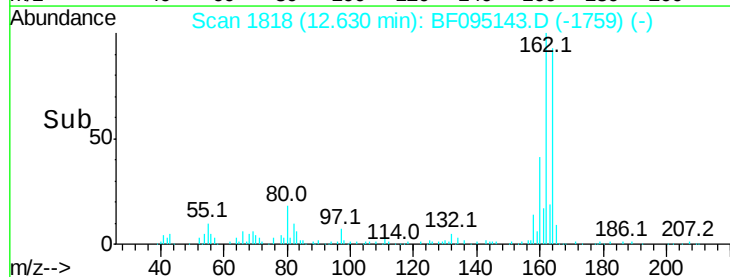
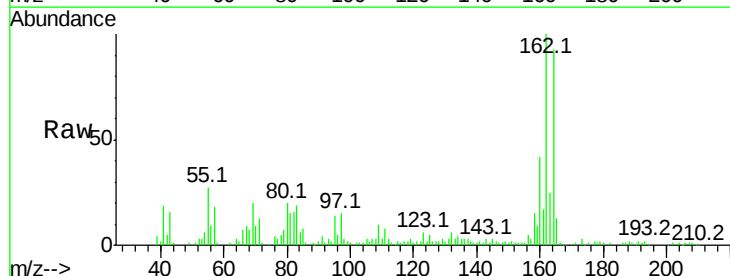
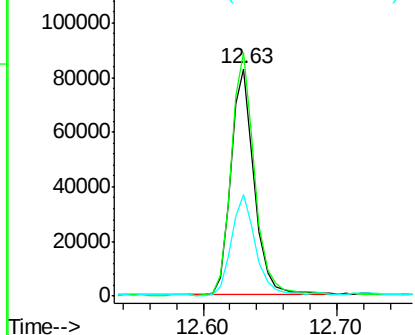
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

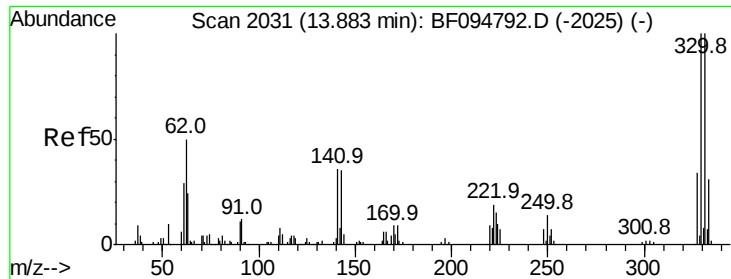


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1818
Delta R.T. 0.05 min
Lab File: BF095143.D
Acq: 16 May 2017 00:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.6	123.8
160	44.6	36.2	54.2

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





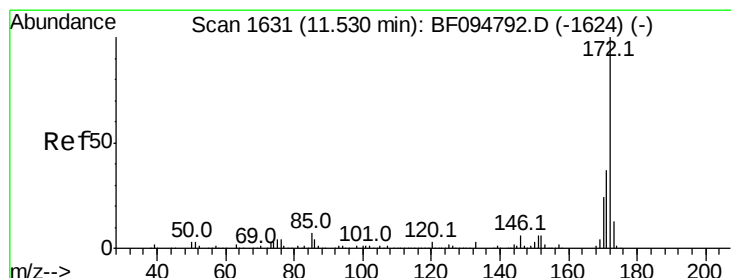
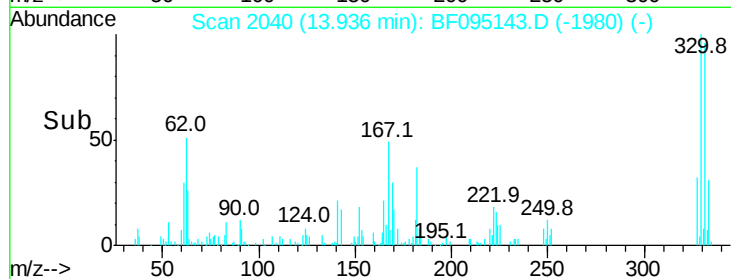
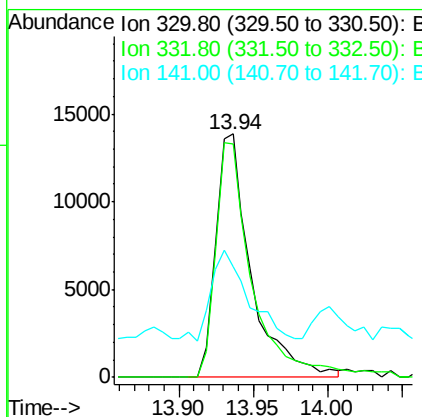
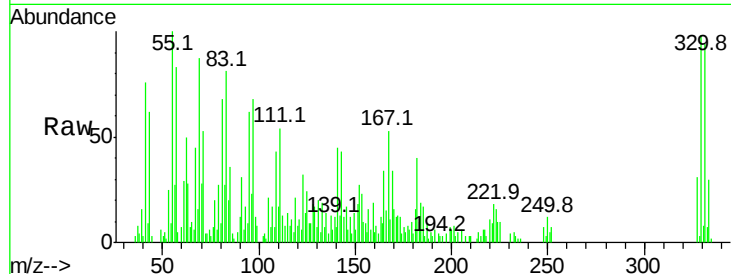
#41
 2,4,6-Tribromophenol
 Concen: 27.85 ng
 RT: 13.94 min Scan# 2040
 Delta R.T. 0.05 min
 Lab File: BF095143.D
 Acq: 16 May 2017 00:36

Instrument :
 BNA_F
 ClientSampled :
 TP-7-1.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.7	76.6	115.0
141	37.1	31.4	47.2

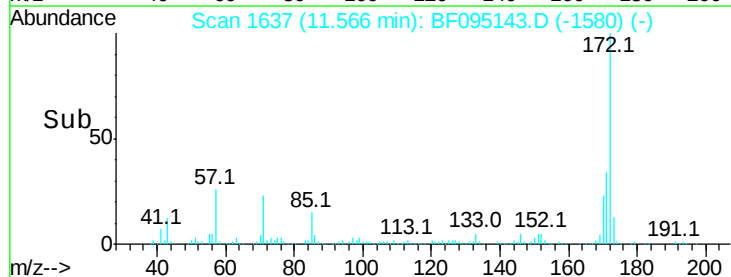
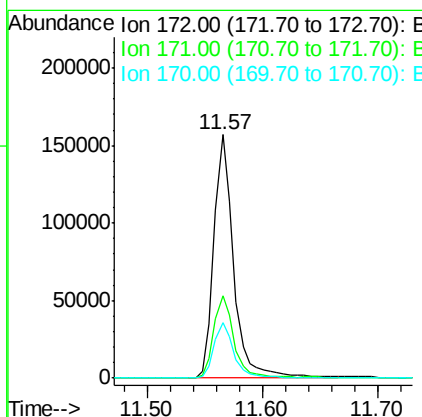
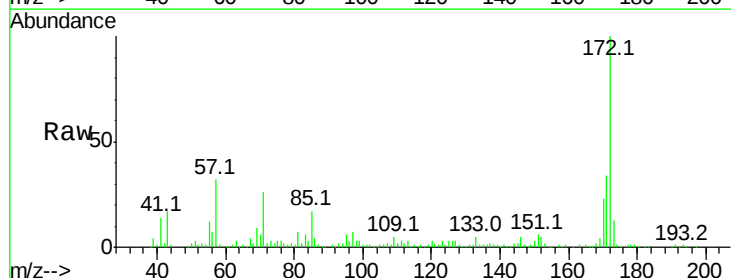
Manual Integrations
 APPROVED

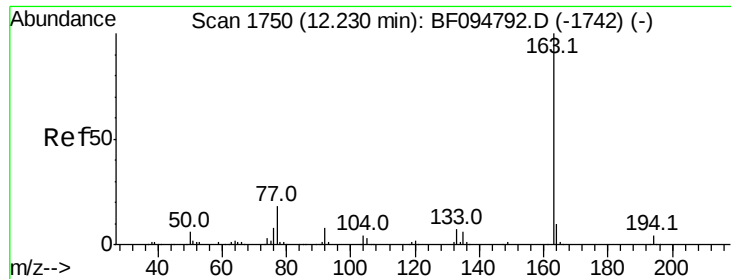
mohammad
 5/17/2017 2:20:35 PM



#44
 2-Fluorobiphenyl
 Concen: 26.80 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095143.D
 Acq: 16 May 2017 00:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.6	44.4
170	23.0	19.8	29.8





#49

Dimethylphthalate

Concen: 2.78 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.03 min

Lab File: BF095143.D

Acq: 16 May 2017 00:36

Instrument :

BNA_F

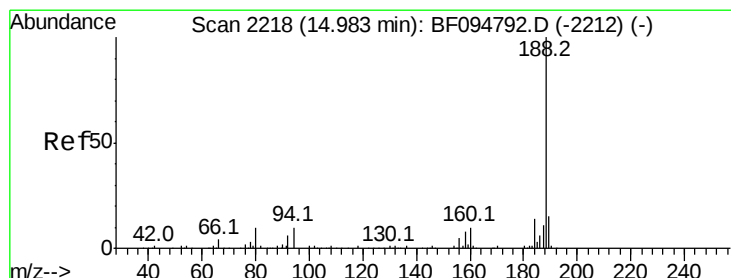
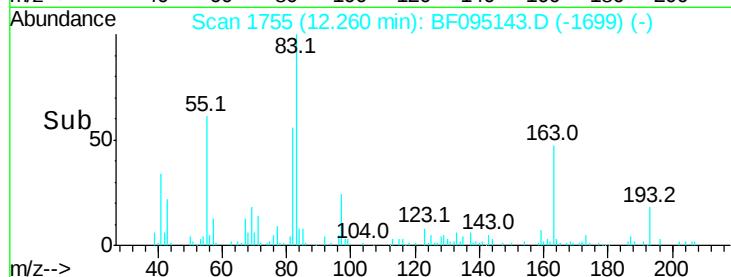
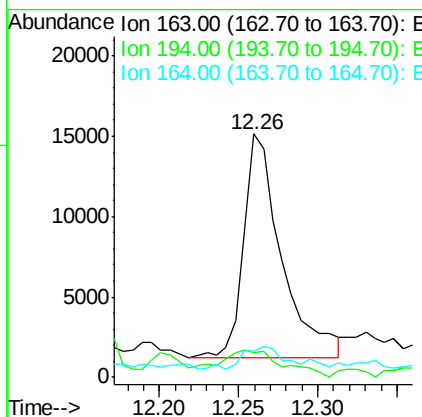
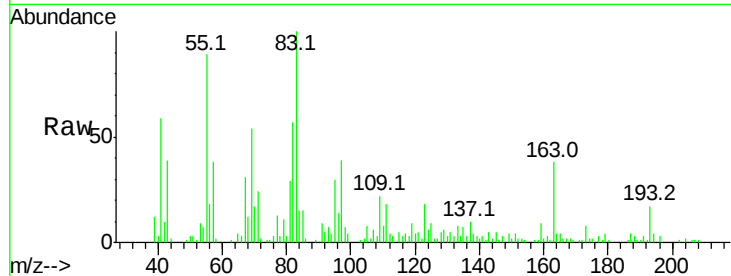
ClientSampleId :

TP-7-1.5

Tot Ion:163	Resp:	23010
Ion Ratio	Lower	Upper
163	100	
194	10.3	2.6 4.0#
164	10.5	8.4 12.6

Manual Integrations
APPROVED

mohammad
5/17/2017 2:20:35 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

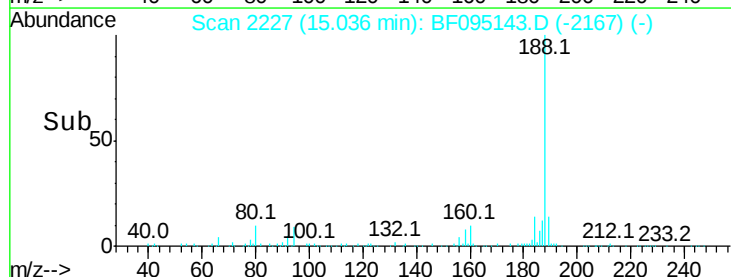
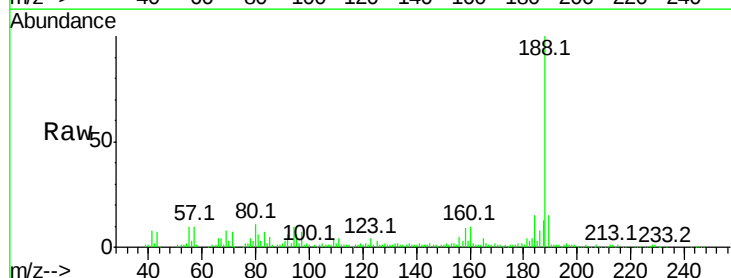
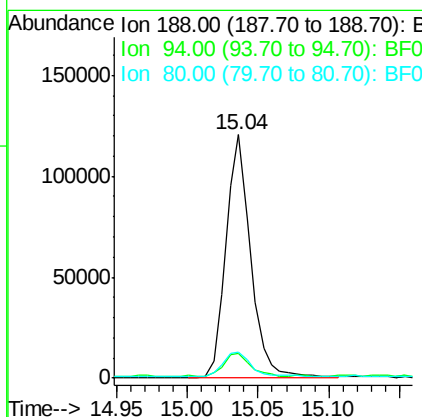
RT: 15.04 min Scan# 2227

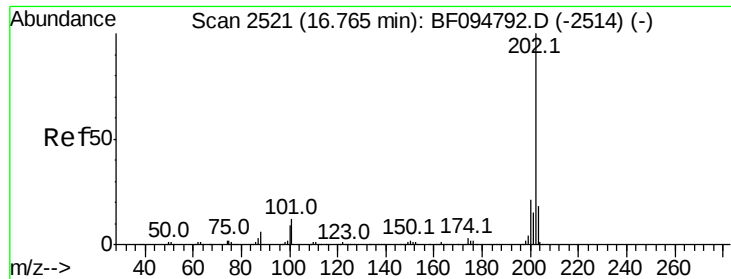
Delta R.T. 0.05 min

Lab File: BF095143.D

Acq: 16 May 2017 00:36

Tgt Ion:188	Resp:	147848
Ion Ratio	Lower	Upper
188	100	
94	10.3	9.4 14.2
80	10.7	10.2 15.2





#74

Fluoranthene

Concen: 4.55 ng

RT: 16.81 min Scan# 2529

Delta R.T. 0.05 min

Lab File: BF095143.D

Acq: 16 May 2017 00:36

Instrument :

BNA_F

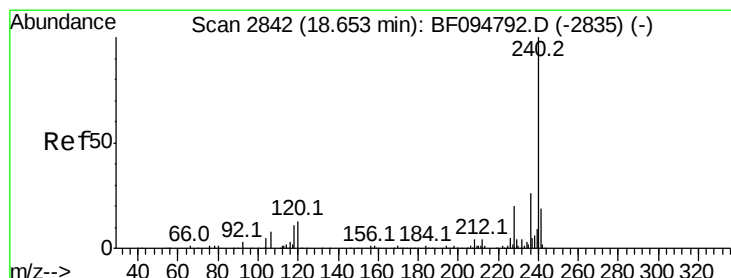
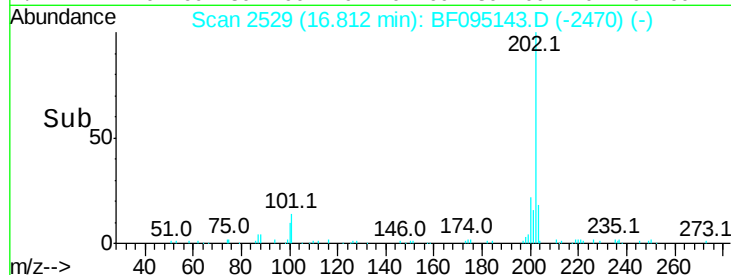
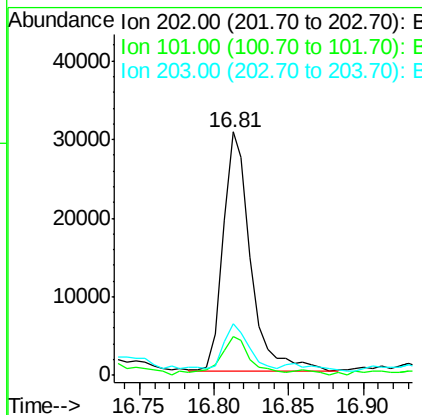
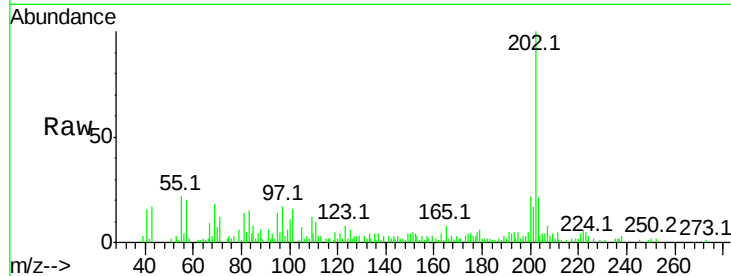
ClientSampleId :

TP-7-1.5

Tot Ion:	202	Resp:	39617
Ion Ratio	Lower	Upper	
202	100		
101	15.9	0.0	33.2
203	21.4	0.0	38.1

Manual Integrations
APPROVED

mohammad
5/17/2017 2:20:35 PM



#75

Chrysene-d12

Concen: 20.00 ng

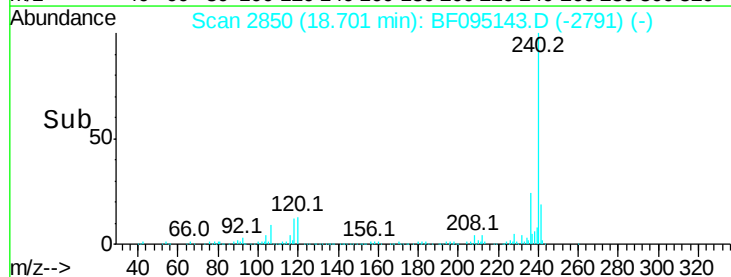
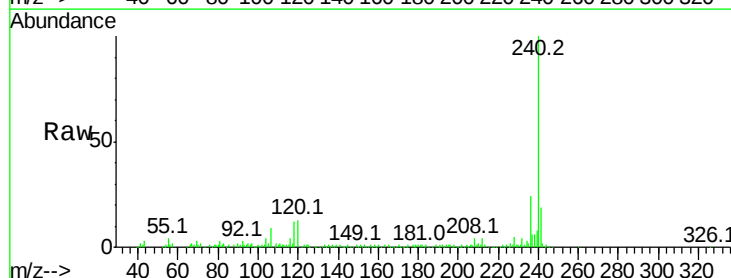
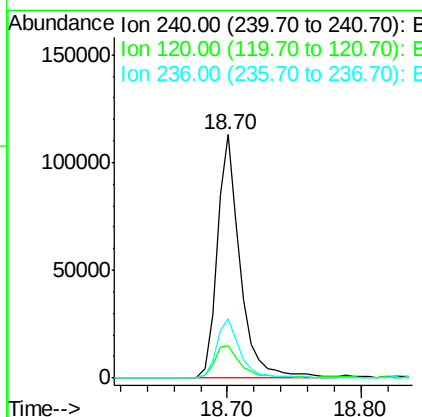
RT: 18.70 min Scan# 2850

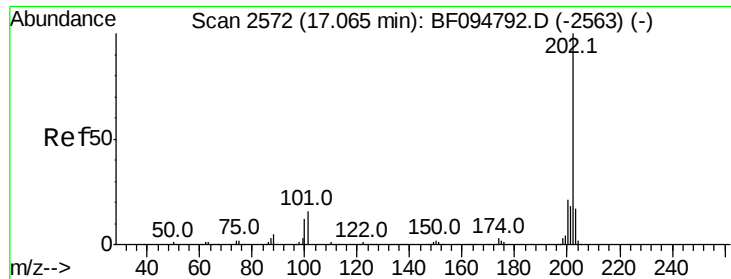
Delta R.T. 0.05 min

Lab File: BF095143.D

Acq: 16 May 2017 00:36

Tgt Ion:	240	Resp:	136196
Ion Ratio	Lower	Upper	
240	100		
120	13.5	5.8	8.8#
236	24.1	20.5	30.7





#77

Pvrene

Concen: 5.14 ng

RT: 17.11 min Scan# 2580

Delta R.T. 0.05 min

Lab File: BF095143.D

Acq: 16 May 2017 00:36

Instrument :

BNA_F

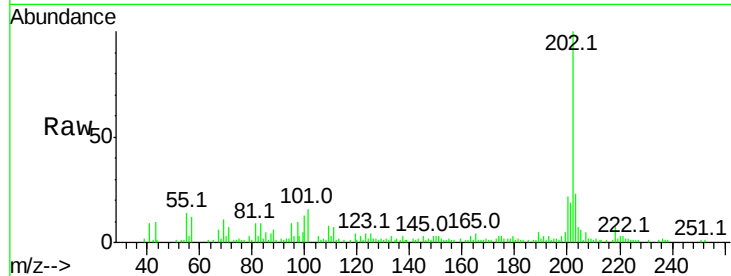
ClientSampleId :

TP-7-1.5

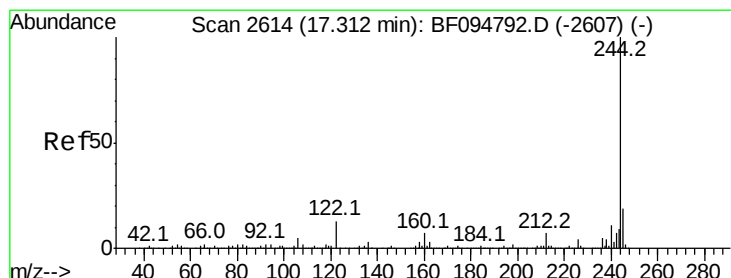
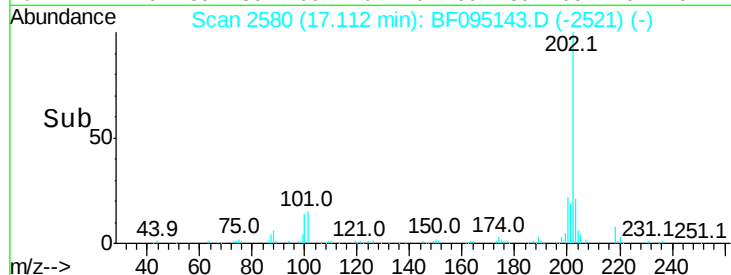
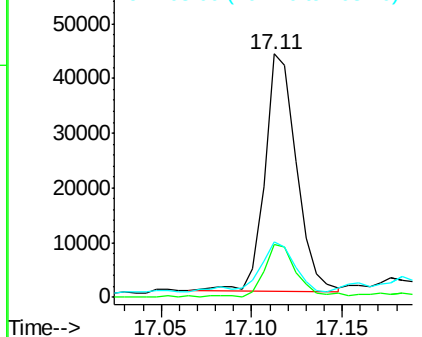
Tot Ion:	202	Resp:	52306
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.6	26.4
203	22.6	14.4	21.6

Manual Integrations
APPROVED

mohammad
5/17/2017 2:20:35 PM



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: 19.52 ng

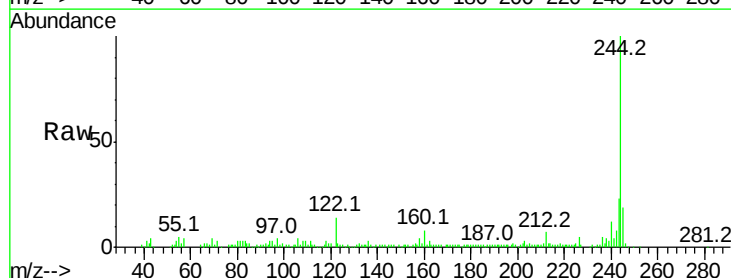
RT: 17.35 min Scan# 2620

Delta R.T. 0.04 min

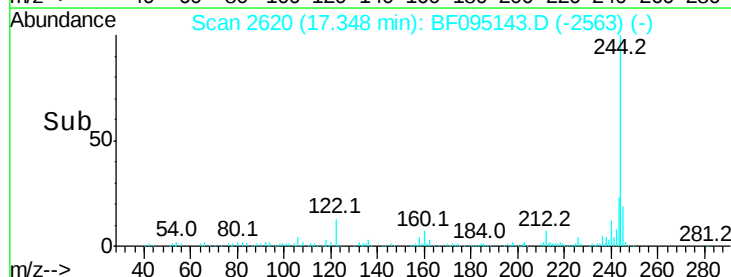
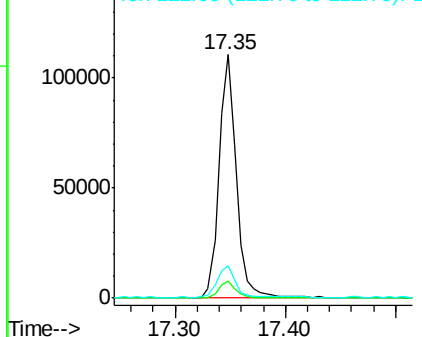
Lab File: BF095143.D

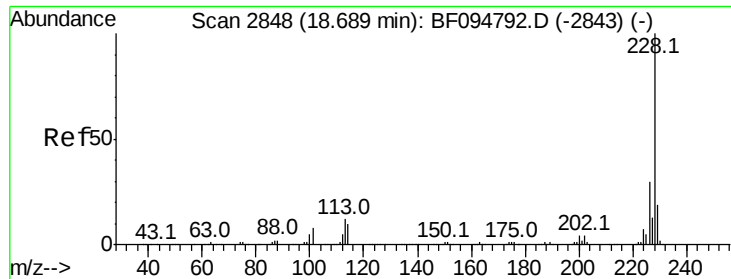
Acq: 16 May 2017 00:36

Tgt Ion:	244	Resp:	120692
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	13.5	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





#82

Chrysene

Concen: 2.27 ng

RT: 18.74 min Scan# 2856

Delta R.T. 0.05 min

Lab File: BF095143.D

Acq: 16 May 2017 00:36

Instrument :

BNA_F

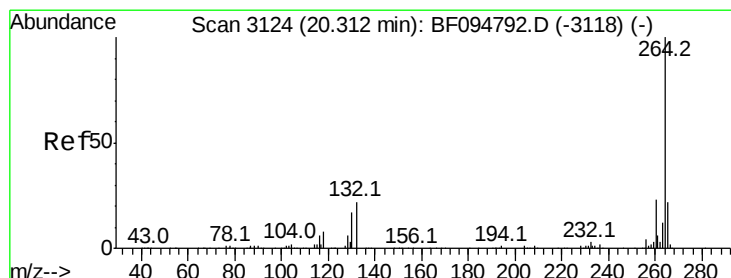
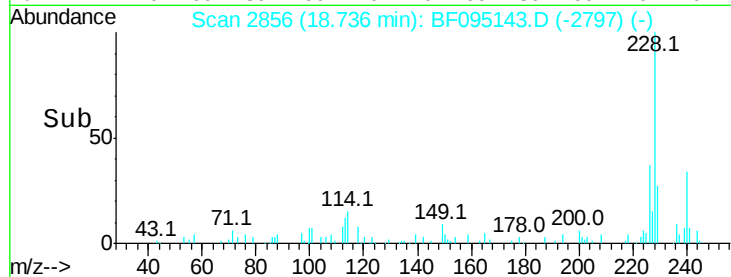
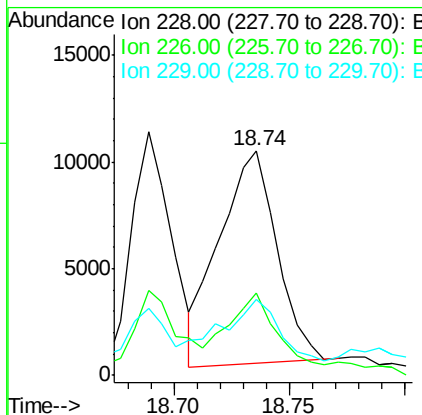
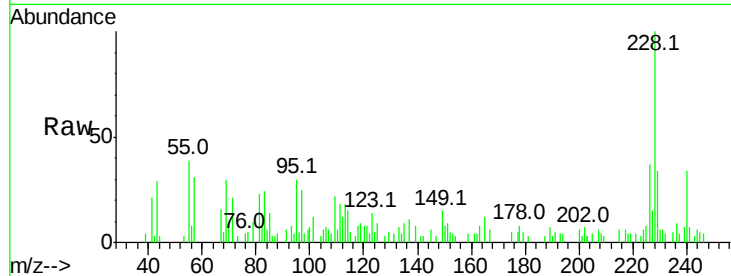
ClientSampleId :

TP-7-1.5

Tot Ion:	228	Resp:	17369
Ion Ratio	Lower	Upper	
228	100		
226	36.7	24.9	37.3
229	33.8	15.8	23.6

Manual Integrations
APPROVED

mohammad
5/17/2017 2:20:35 PM



#86

Perylene-d12

Concen: 20.00 ng

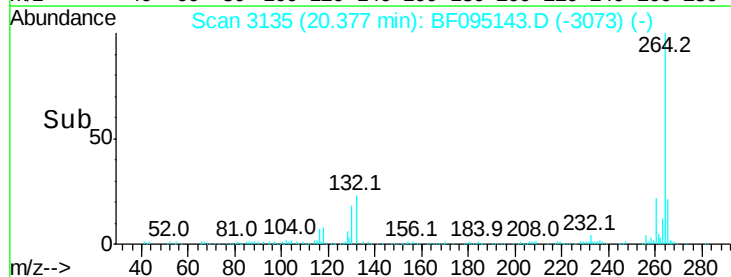
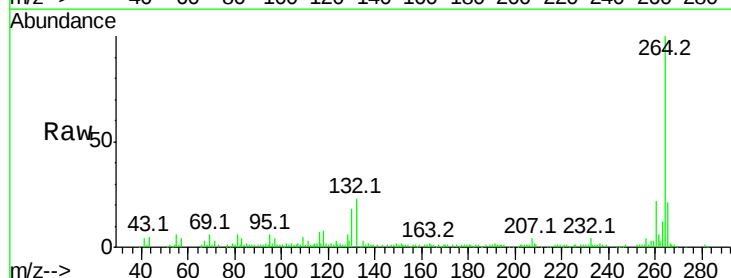
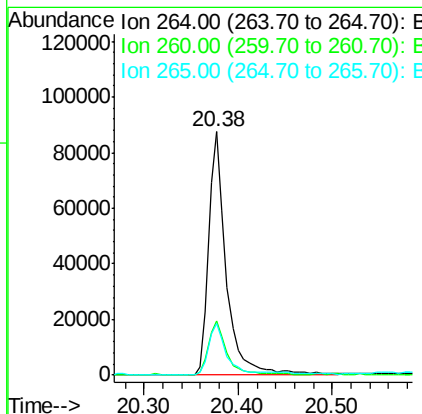
RT: 20.38 min Scan# 3135

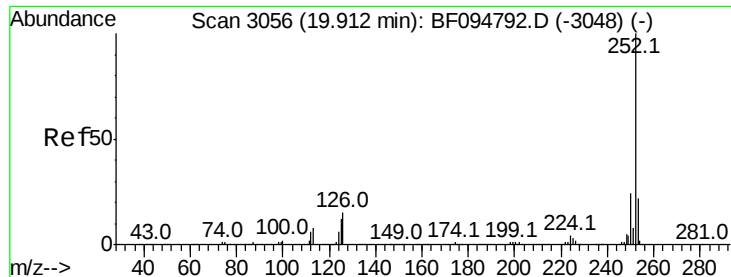
Delta R.T. 0.06 min

Lab File: BF095143.D

Acq: 16 May 2017 00:36

Tgt Ion:	264	Resp:	116419
Ion Ratio	Lower	Upper	
264	100		
260	22.2	19.5	29.3
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.23 ng

RT: 19.98 min Scan# 3067

Delta R.T. 0.06 min

Lab File: BF095143.D

Acq: 16 May 2017 00:36

Instrument :

BNA_F

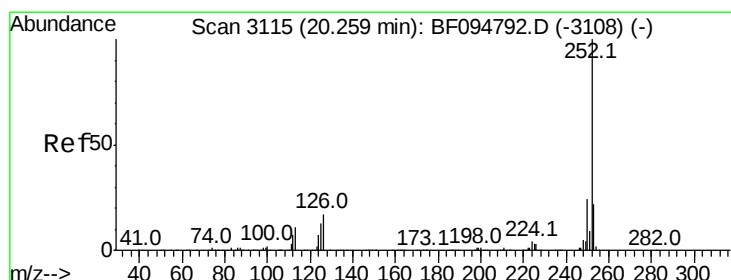
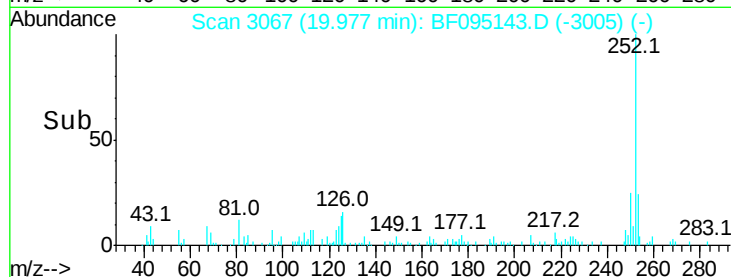
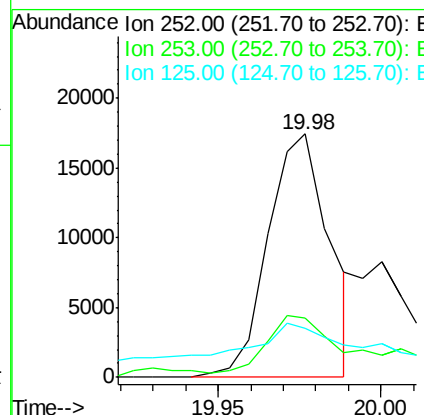
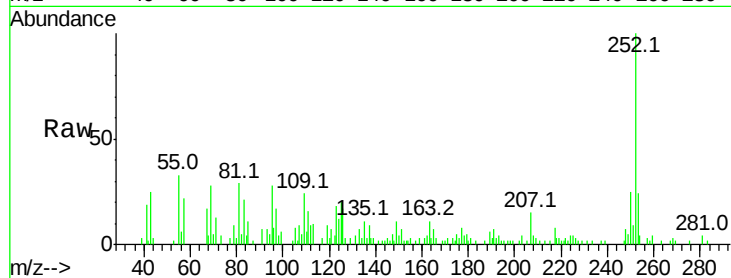
ClientSampleId :

TP-7-1.5

Tot Ion:	252	Resp:	23253
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.1	27.1
125	20.2	9.8	14.8#

Manual Integrations
APPROVED

mohammad
5/17/2017 2:20:35 PM



#89

Benzo(a)pyrene

Concen: 2.19 ng

RT: 20.32 min Scan# 3126

Delta R.T. 0.06 min

Lab File: BF095143.D

Acq: 16 May 2017 00:36

Tgt Ion:	252	Resp:	14570
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.5	26.3
125	25.4	11.0	16.4#

