

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097300.D
 Acq On : 3 Aug 2017 5:31
 Operator : SJ/JU
 Sample : I4493-04 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-SSW

Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:08:33 PM

Quant Time: Aug 03 06:02:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	128133	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	516684	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	204513	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	376695	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	229000	20.00	ng	-0.06
86) Perylene-d12	14.92	264	191498	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	360241	42.38	ng	-0.05
7) Phenol-d6	6.12	99	450502	46.43	ng	-0.05
23) Nitrobenzene-d5	7.02	82	260631	29.59	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	72749	45.02	ng	-0.06
44) 2-Fluorobiphenyl	8.81	172	378890	31.44	ng	-0.06
78) Terphenyl-d14	12.53	244	259576	23.11	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.21	163	122046	7.859	ng	98
70) Phenanthrene	10.97	178	80530	3.990	ng	95
74) Fluoranthene	12.15	202	83380	4.217	ng	99
77) Pyrene	12.38	202	69019	3.682	ng	98
83) Bis(2-ethylhexyl)phthalate	13.58	149	46182	3.709	ng	# 96
87) Benzo(b)fluoranthene	14.56	252	24801m	2.154	ng	

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

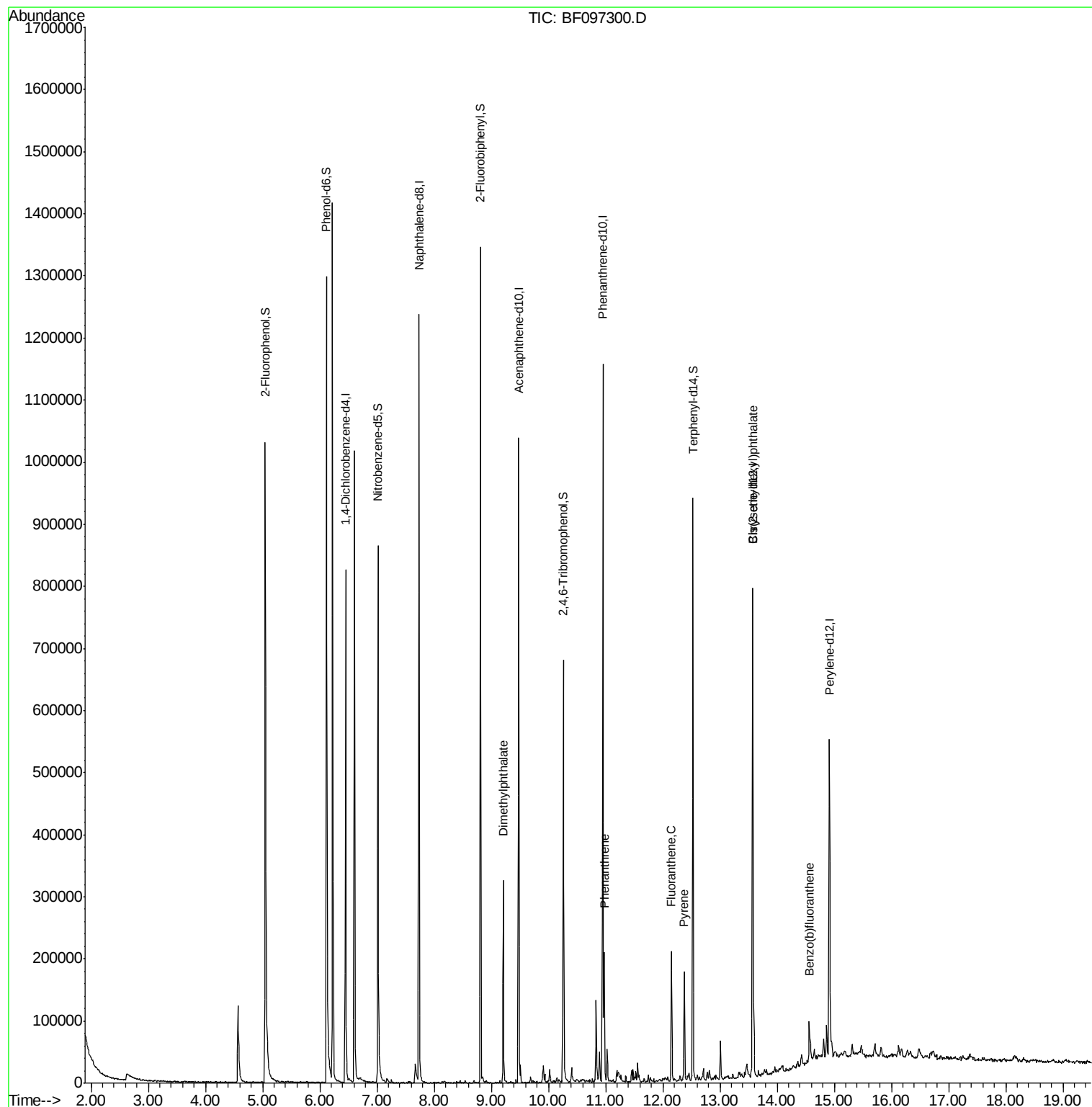
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097300.D
Acq On : 3 Aug 2017 5:31
Operator : SJ/JU
Sample : I4493-04 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

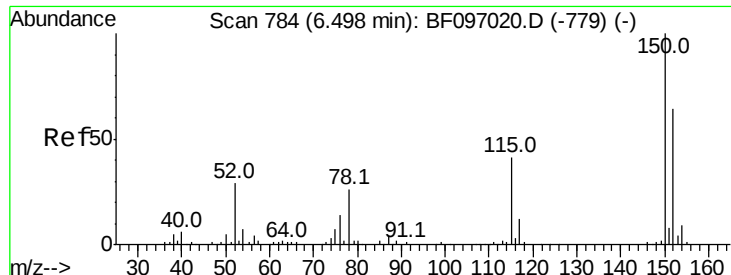
Instrument :
BNA_F
ClientSampleId :
E2-HS6-SSW

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:33 PM

Quant Time: Aug 03 06:02:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration





#1

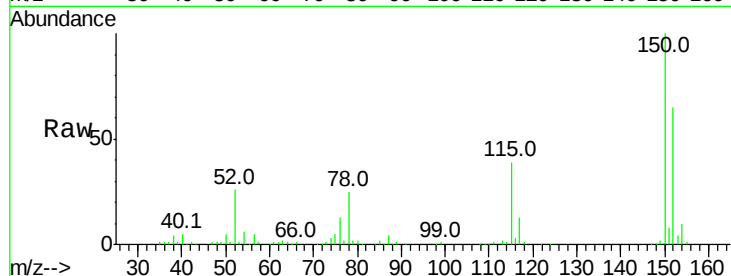
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097300.D
Acq: 3 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
E2-HS6-SSW

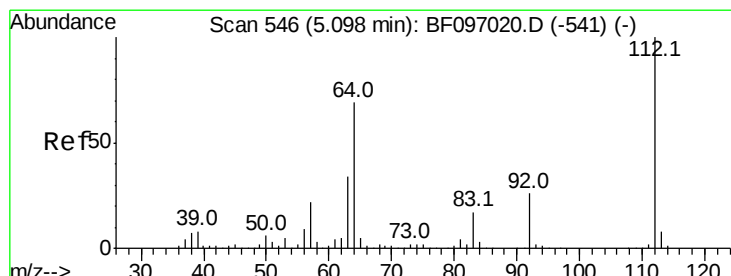
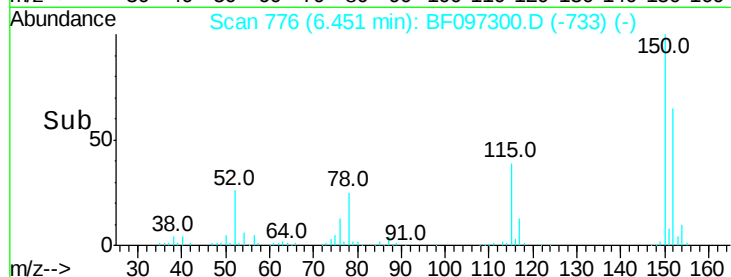
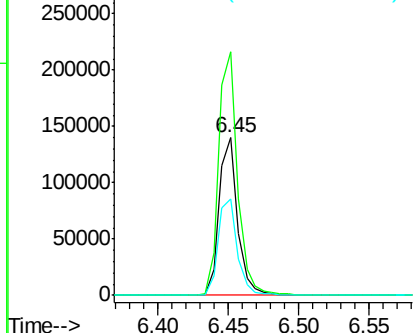
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	60.7	52.2	78.2

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:33 PM



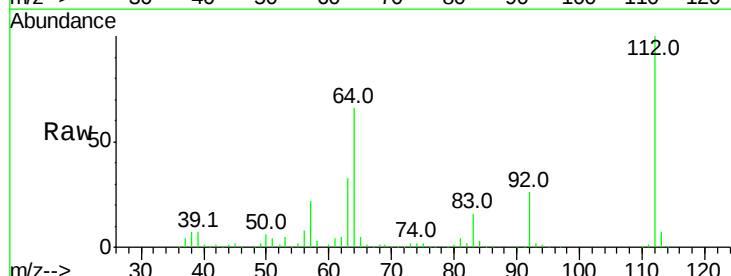
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



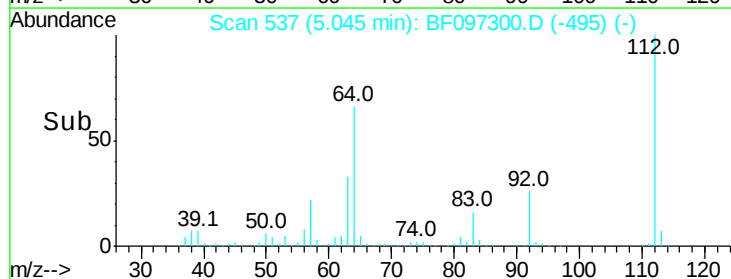
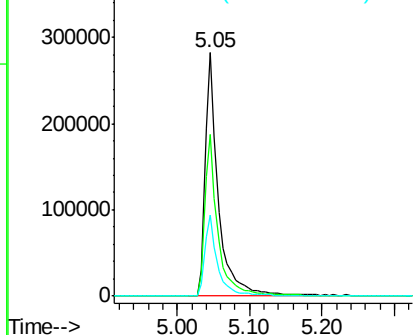
#5

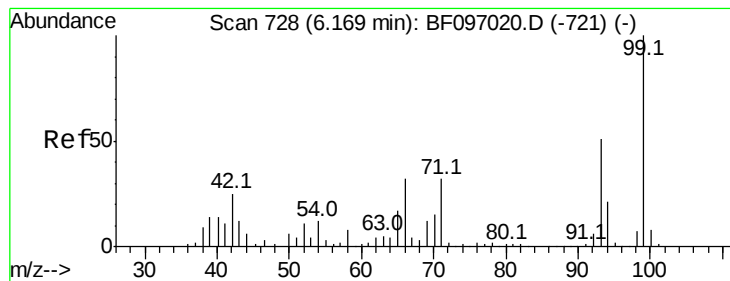
2-Fluorophenol
Concen: 42.382 ng
RT: 5.05 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF097300.D
Acq: 3 Aug 2017 5:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	33.1	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: 46.427 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF097300.D

Acq: 3 Aug 2017 5:31

Instrument :

BNA_F

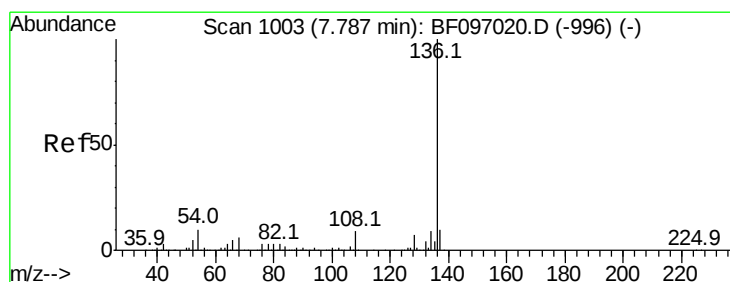
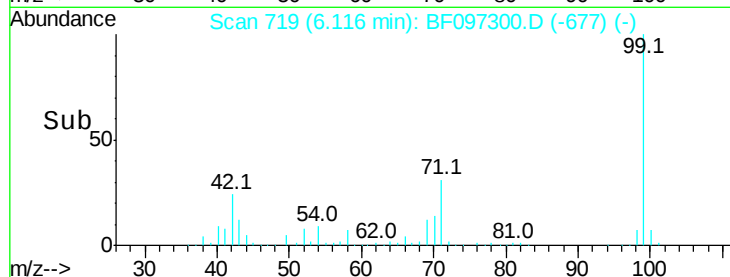
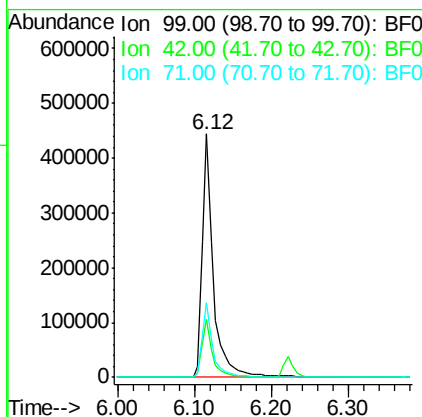
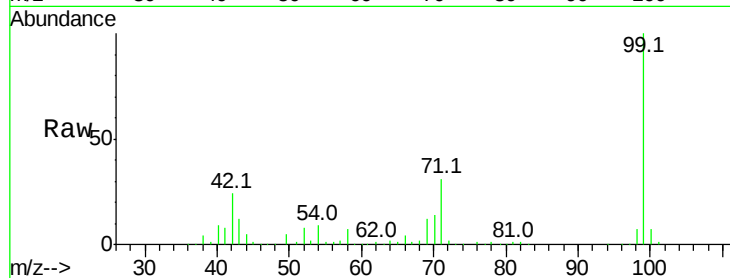
ClientSampleId :

E2-HS6-SSW

Tot Ion:	99	Resp:	450502
Ion Ratio	Lower	Upper	
99	100		
42	23.8	13.5	20.3#
71	30.9	24.5	36.7

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:33 PM



#21

Naphthalene-d8

Concen: 20.000 ng

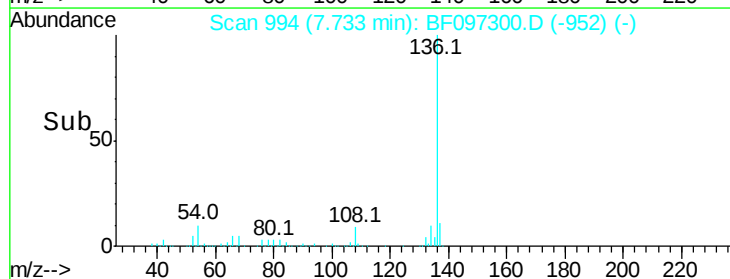
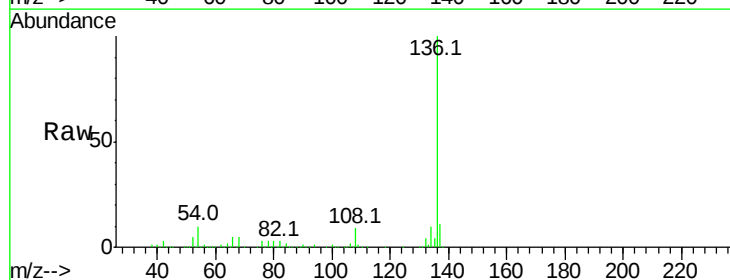
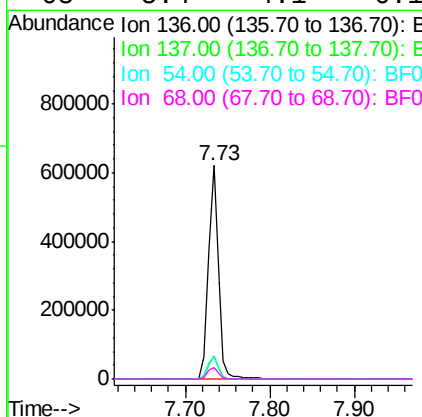
RT: 7.73 min Scan# 994

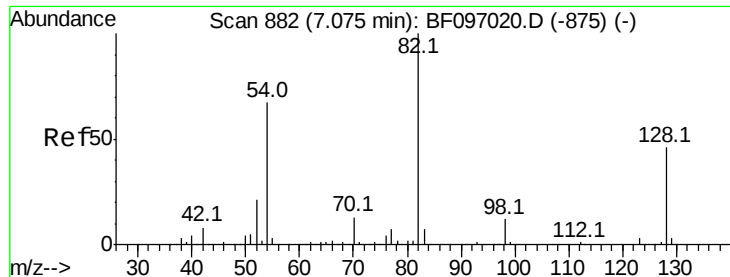
Delta R.T. -0.05 min

Lab File: BF097300.D

Acq: 3 Aug 2017 5:31

Tgt Ion:	136	Resp:	516684
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	10.0	4.9	7.3#
68	5.4	4.1	6.1





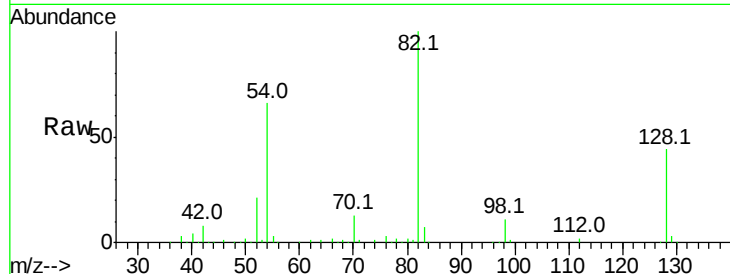
#23
Nitrobenzene-d5
Concen: 29.592 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.06 min
Lab File: BF097300.D
Acq: 3 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
E2-HS6-SSW

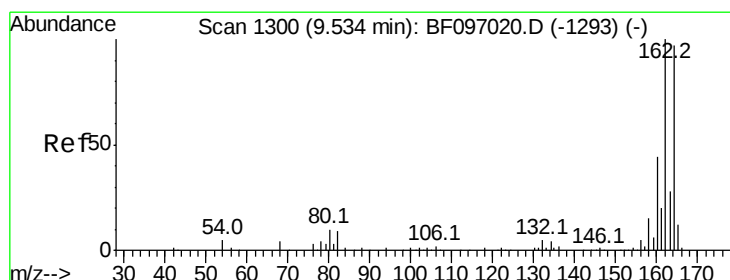
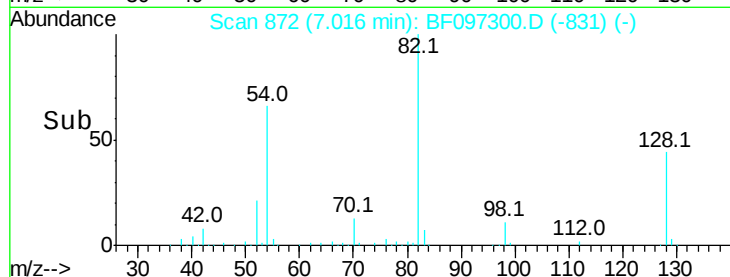
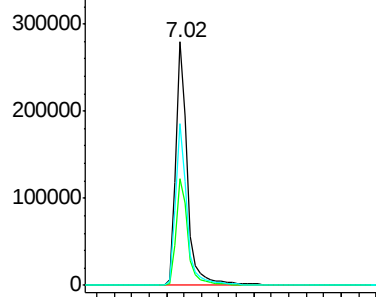
Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	43.6	34.0	51.0
54	66.4	42.2	63.2

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:33 PM



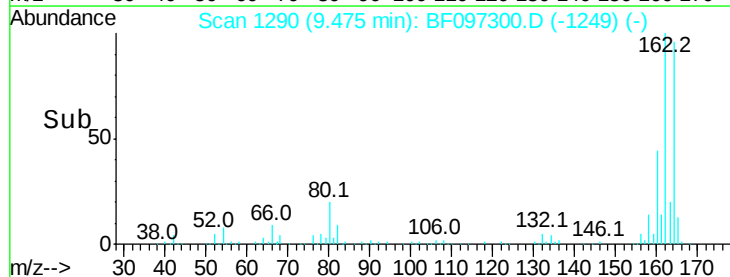
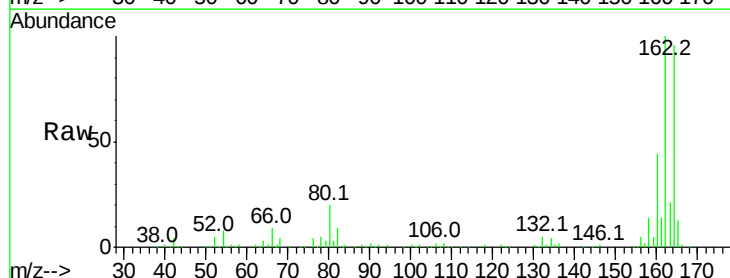
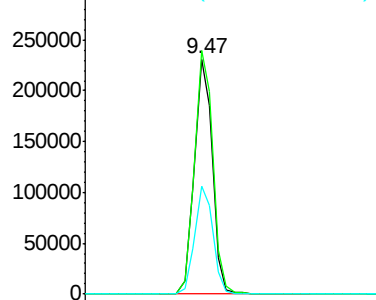
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF097300.D
Acq: 3 Aug 2017 5:31

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.8	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: 45.022 ng

RT: 10.26 min Scan# 1424

Delta R.T. -0.06 min

Lab File: BF097300.D

Acq: 3 Aug 2017 5:31

Instrument :

BNA_F

ClientSampled :

E2-HS6-SSW

Tot Ion:330 Resp: 72749

Ion Ratio Lower Upper

330 100

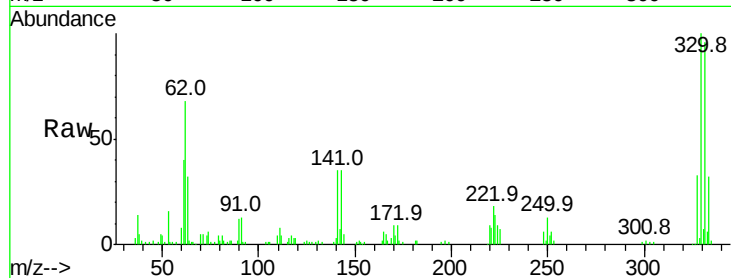
332 95.1 76.6 115.0

141 37.8 31.4 47.2

Manual Integrations
APPROVED

Sohil

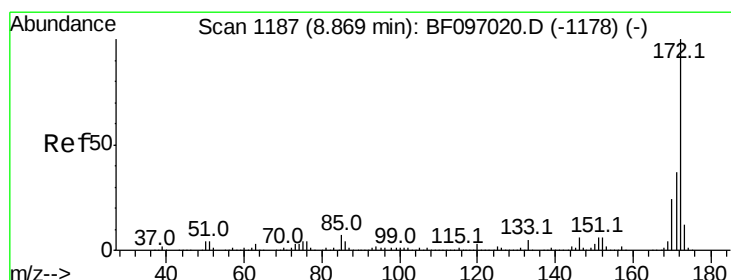
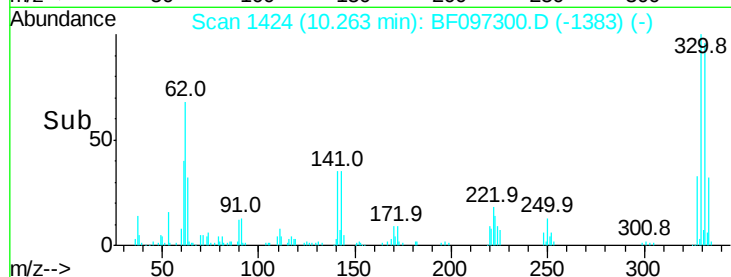
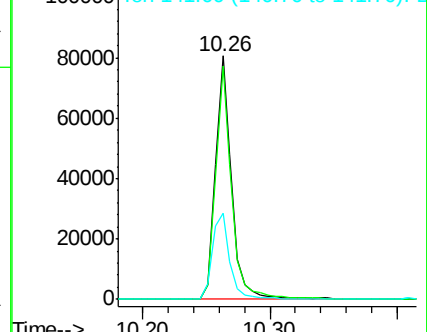
8/3/2017 6:08:33 PM



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: 31.441 ng

RT: 8.81 min Scan# 1177

Delta R.T. -0.06 min

Lab File: BF097300.D

Acq: 3 Aug 2017 5:31

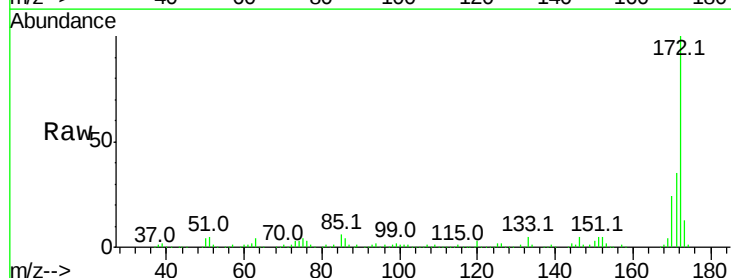
Tgt Ion:172 Resp: 378890

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

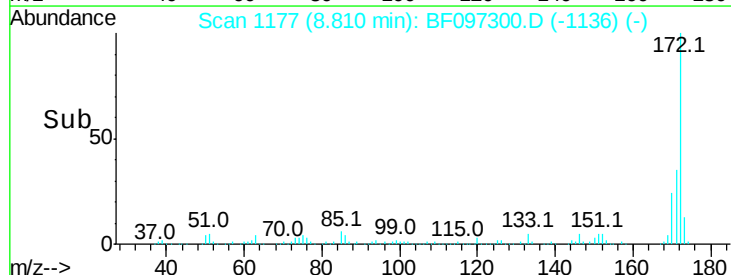
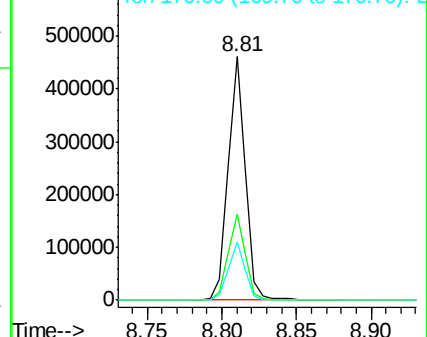
170 24.1 19.8 29.8

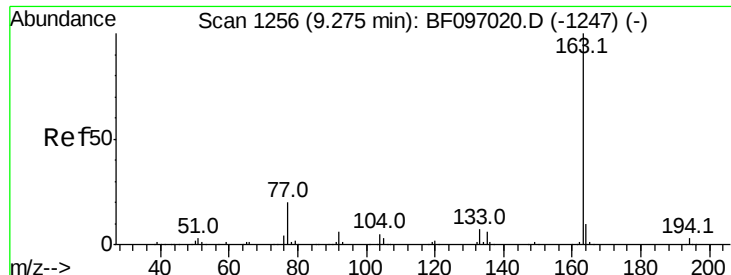


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





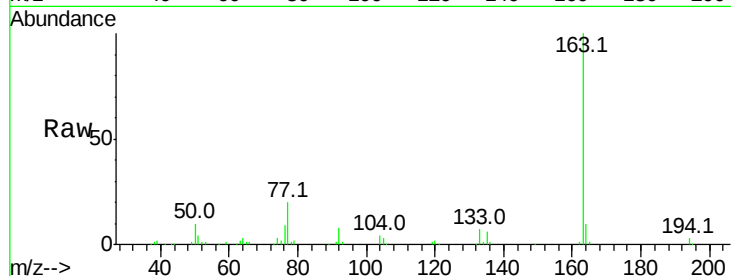
#49
Dimethylphthalate
Concen: 7.859 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF097300.D
Acq: 3 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
E2-HS6-SSW

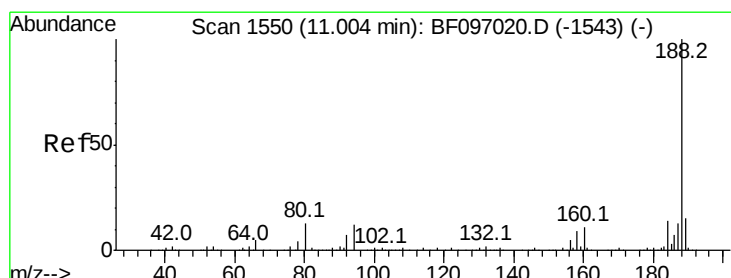
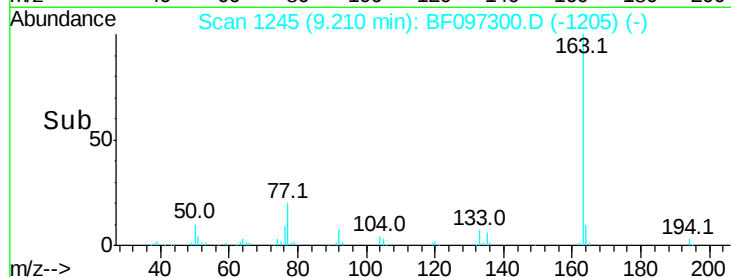
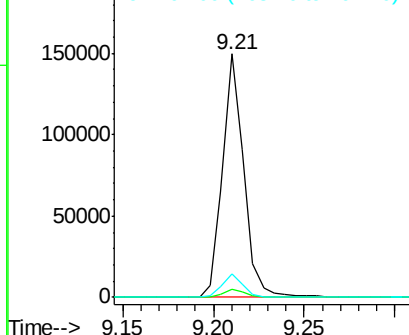
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	9.6	8.4	12.6	

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:33 PM

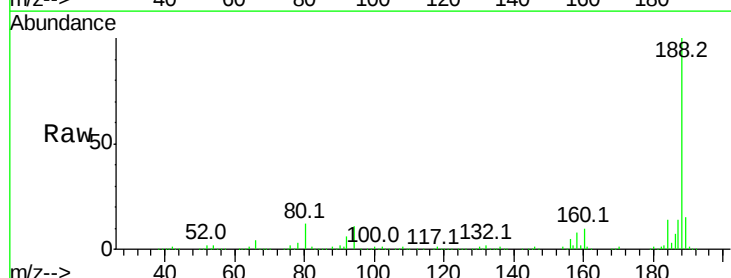


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

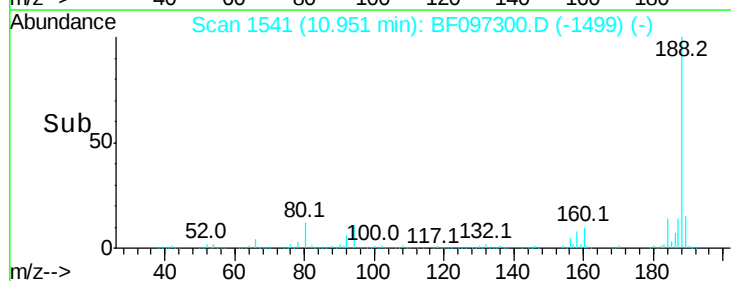
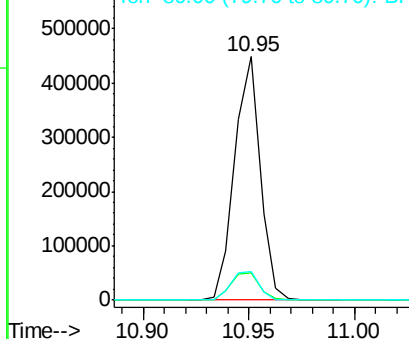


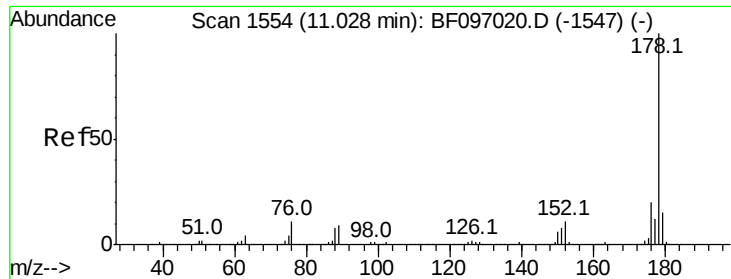
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097300.D
Acq: 3 Aug 2017 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.3	9.4	14.2	
80	11.7	10.2	15.2	



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





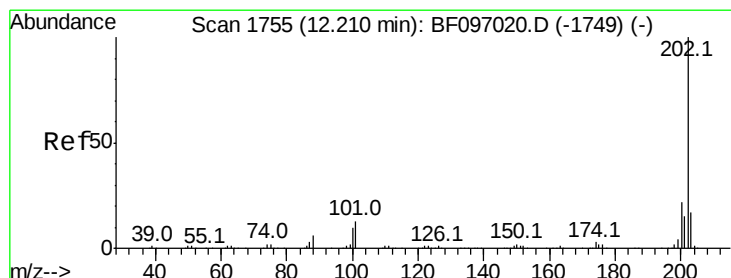
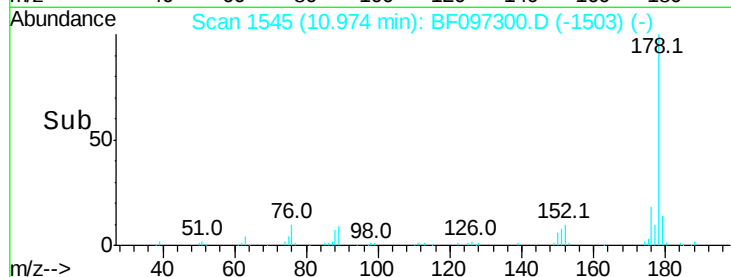
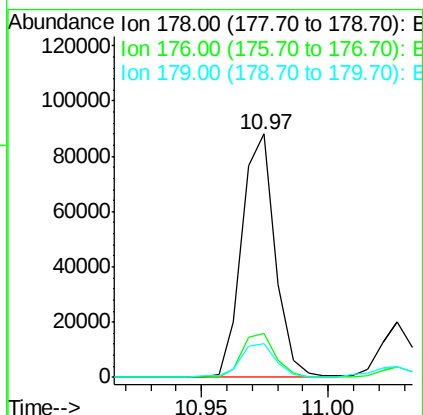
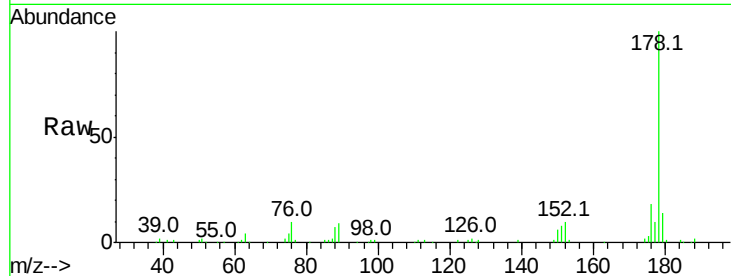
#70
Phenanthrene
Concen: 3.990 ng
RT: 10.97 min Scan# 1545
Delta R.T. -0.05 min
Lab File: BF097300.D
Acq: 3 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
E2-HS6-SSW

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.4
179	14.0	12.6	19.0

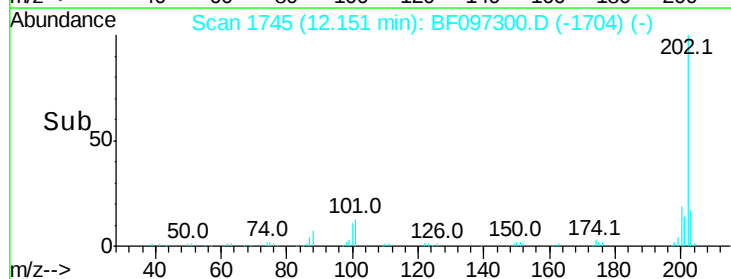
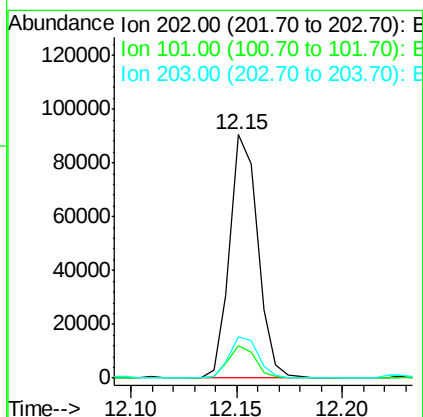
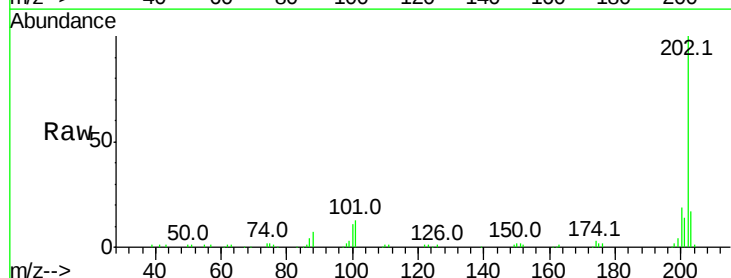
Manual Integrations
APPROVED

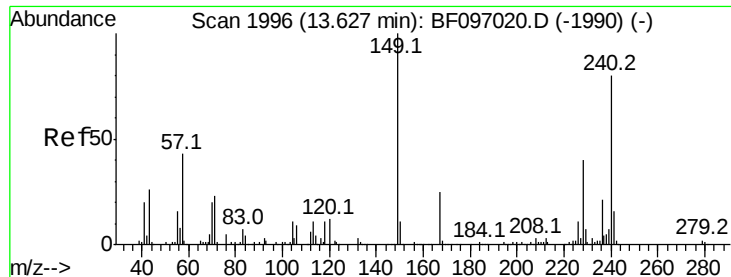
Sohil
8/3/2017 6:08:33 PM



#74
Fluoranthene
Concen: 4.217 ng
RT: 12.15 min Scan# 1745
Delta R.T. -0.06 min
Lab File: BF097300.D
Acq: 3 Aug 2017 5:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.57 min Scan# 1986

Delta R.T. -0.06 min

Lab File: BF097300.D

Acq: 3 Aug 2017 5:31

Instrument :

BNA_F

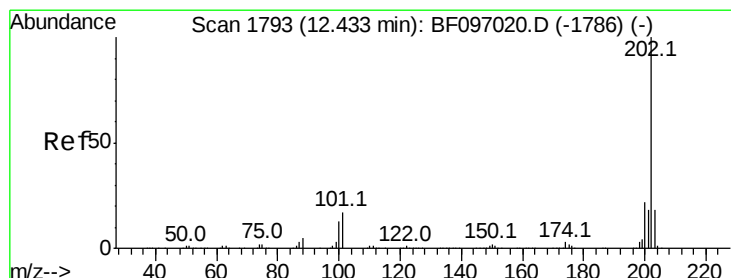
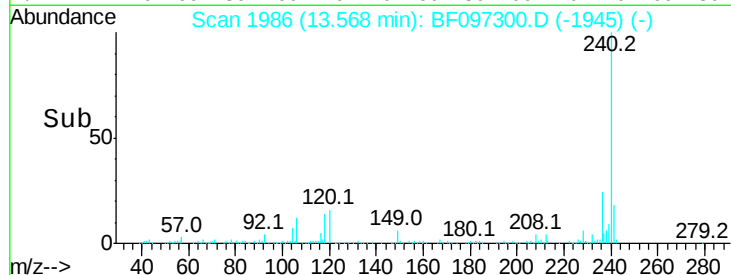
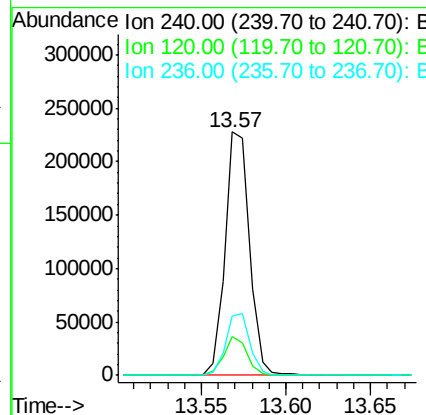
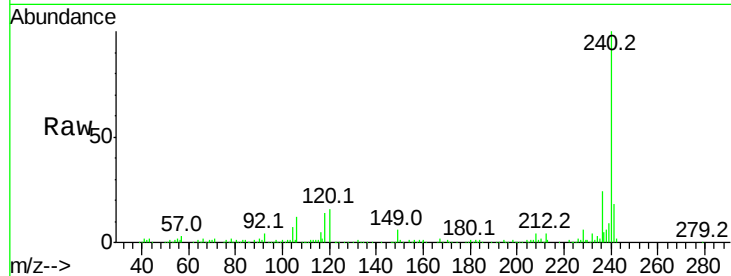
ClientSampleId :

E2-HS6-SSW

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

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:33 PM



#77

Pyrene

Concen: 3.682 ng

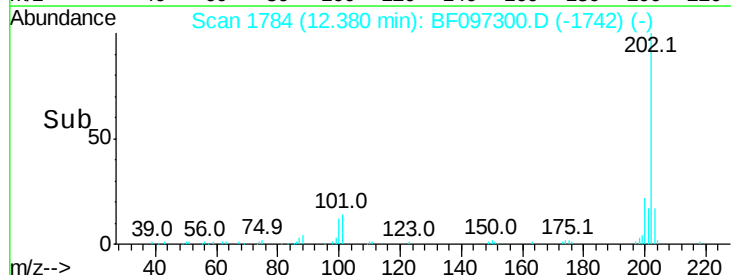
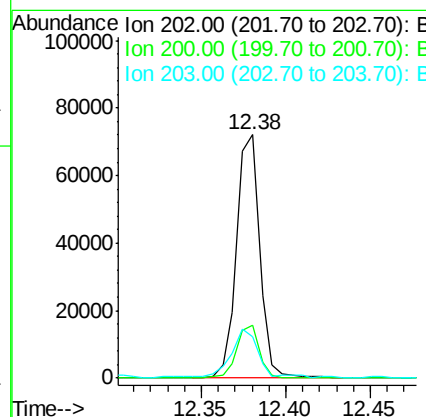
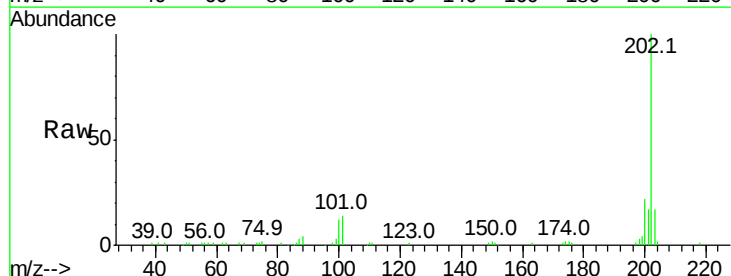
RT: 12.38 min Scan# 1784

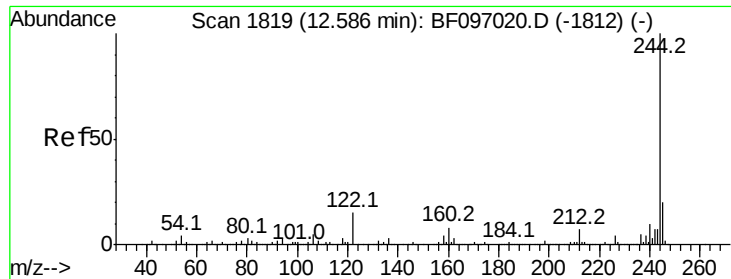
Delta R.T. -0.05 min

Lab File: BF097300.D

Acq: 3 Aug 2017 5:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	16.9	14.4	21.6





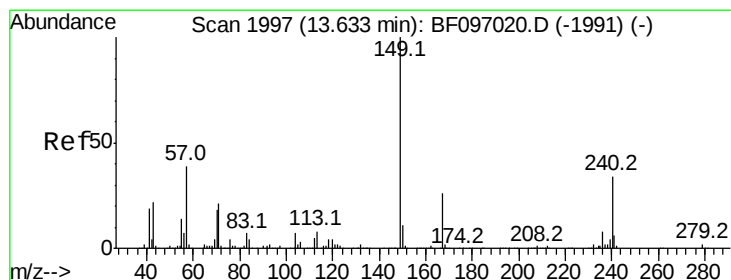
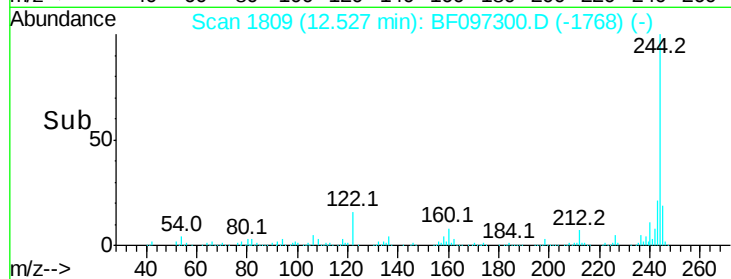
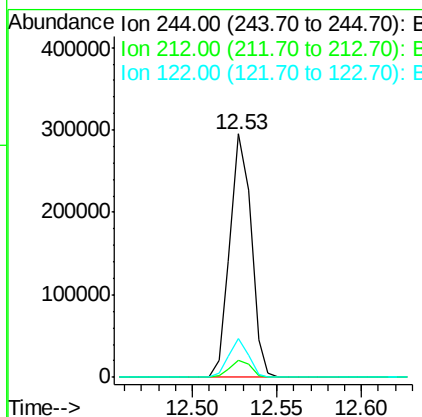
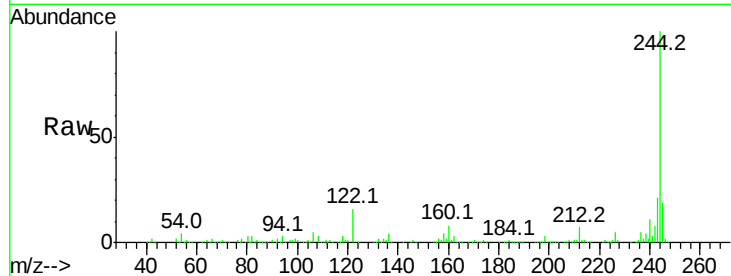
#78
 Terphenyl-d14
 Concen: 23.111 ng
 RT: 12.53 min Scan# 1809
 Delta R.T. -0.06 min
 Lab File: BF097300.D
 Acq: 3 Aug 2017 5:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-SSW

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	6.0	9.0
122	16.1	10.3	15.5

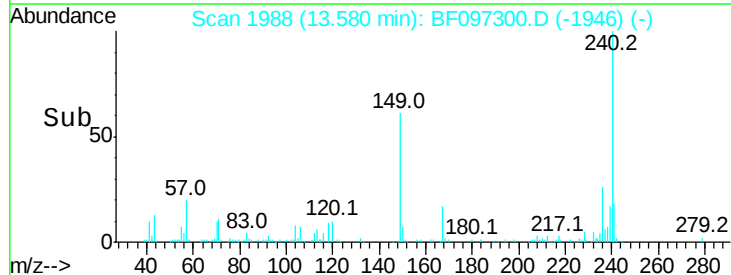
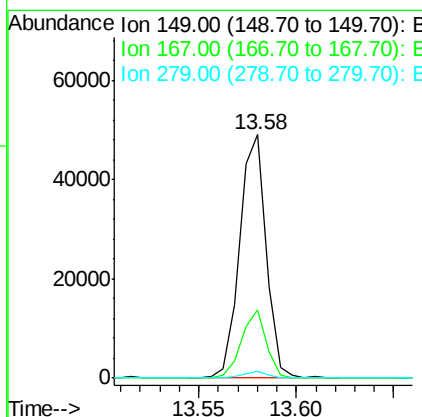
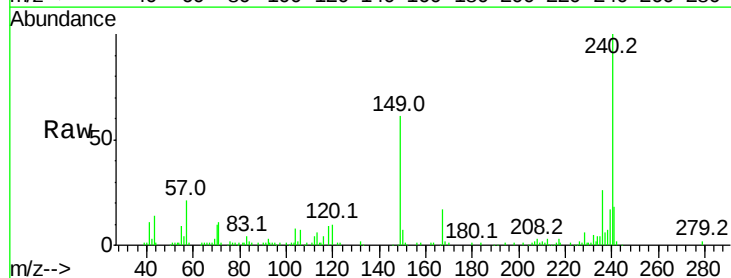
Manual Integrations
 APPROVED

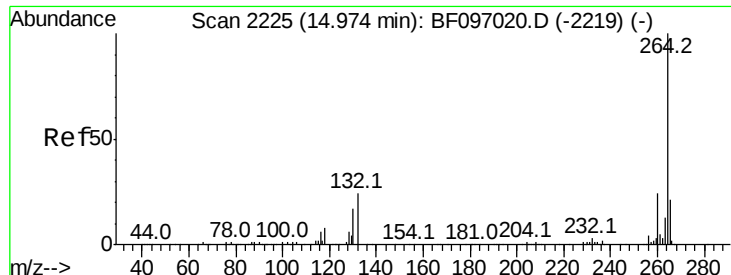
Sohil
 8/3/2017 6:08:33 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.709 ng
 RT: 13.58 min Scan# 1988
 Delta R.T. -0.05 min
 Lab File: BF097300.D
 Acq: 3 Aug 2017 5:31

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	28.1	21.0	31.4
279	3.0	1.9	2.9





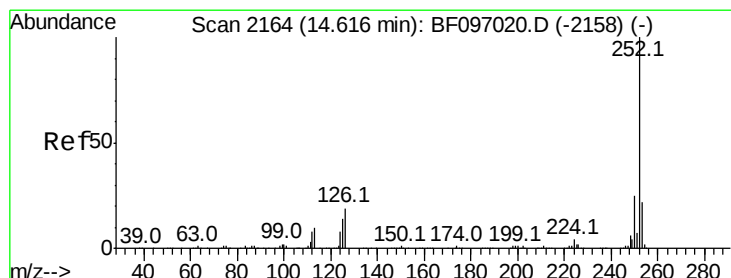
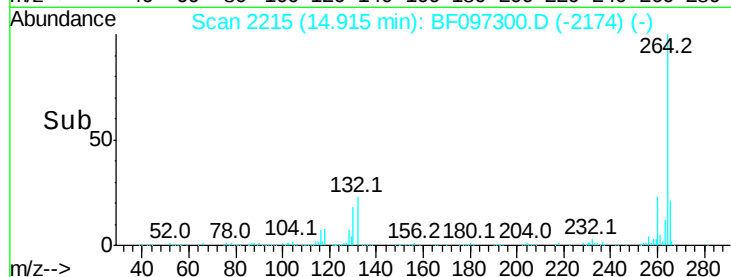
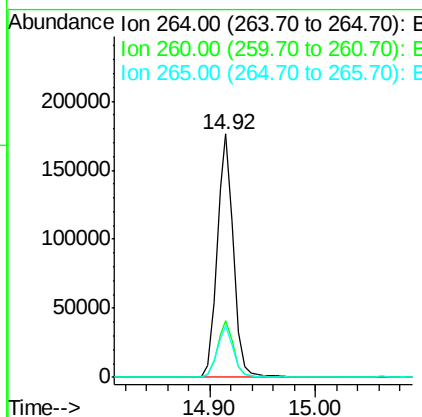
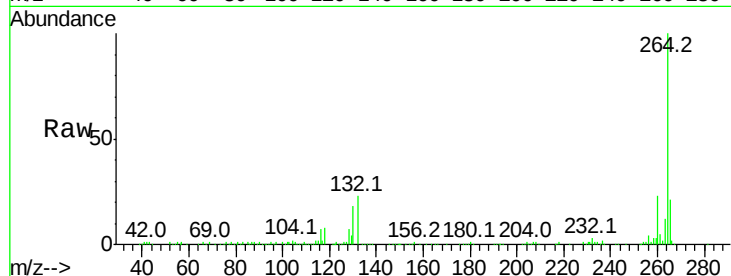
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.06 min
Lab File: BF097300.D
Acq: 3 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
E2-HS6-SSW

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.1	19.5	29.3	
265	21.4	17.2	25.8	

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:33 PM



#87
Benzo(b)fluoranthene
Concen: 2.154 ng m
RT: 14.56 min Scan# 2155
Delta R.T. -0.05 min
Lab File: BF097300.D
Acq: 3 Aug 2017 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.0	18.1	27.1	
125	16.3	9.8	14.8	

