

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097069.D
 Acq On : 26 Jul 2017 12:23
 Operator : SJ/JU
 Sample : I4443-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-BASE

Manual Integrations
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 7/27/2017 12:31:25 PM

Quant Time: Jul 26 13:57:47 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	6.49	152	115944	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	455011	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	226853	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	371599	20.00	ng	0.00
75) Chrysene-d12	13.62	240	297080	20.00	ng	0.00
86) Perylene-d12	14.97	264	222178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	172088	22.37	ng	0.00
7) Phenol-d6	6.15	99	202654	23.08	ng	-0.02
23) Nitrobenzene-d5	7.06	82	100611	12.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	39447	22.01	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	154226	11.54	ng	-0.01
78) Terphenyl-d14	12.58	244	119325	8.19	ng	0.00
Target Compounds						
11) bis(2-Chloroethyl)ether	6.23	93	63481	7.707	ng	94
31) Naphthalene	7.80	128	328047	15.294	ng	100
37) 2-Methylnaphthalene	8.49	142	390338	28.743	ng	98
59) Diethylphthalate	9.96	149	47759	3.022	ng	97
70) Phenanthrene	11.02	178	53248	2.674	ng	99
74) Fluoranthene	12.20	202	49498	2.538	ng	98

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

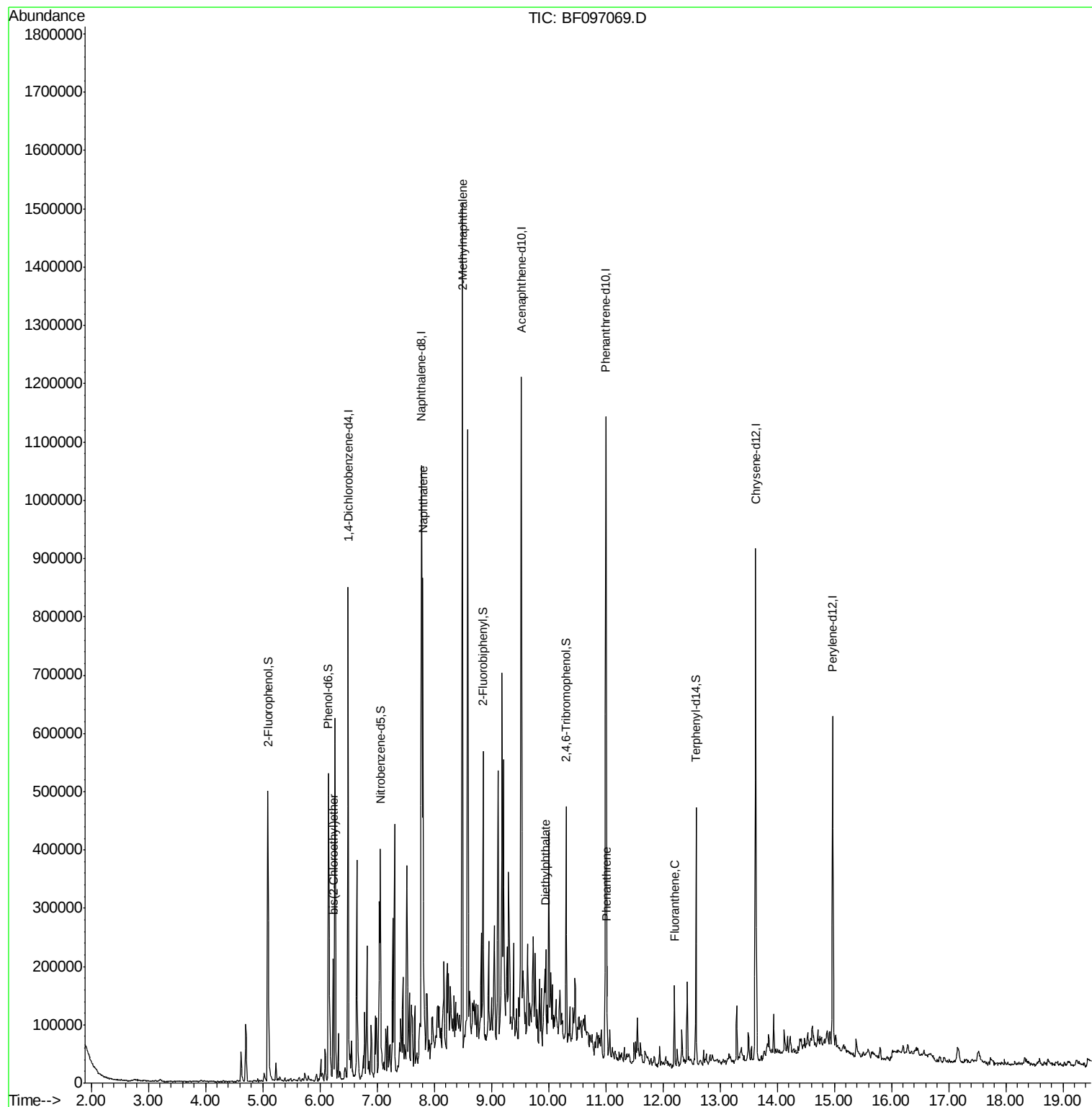
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097069.D
Acq On : 26 Jul 2017 12:23
Operator : SJ/JU
Sample : I4443-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

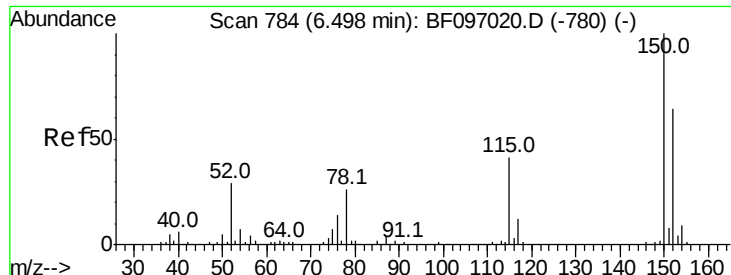
Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

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Quant Time: Jul 26 13:57:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

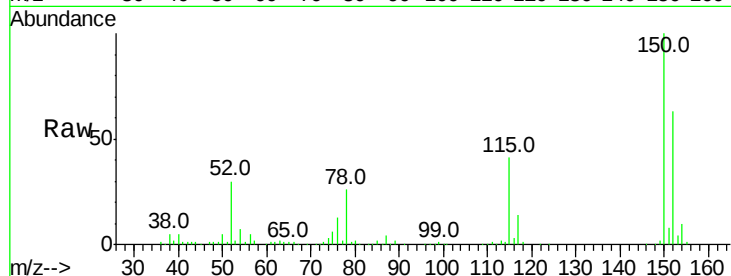
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097069.D
Acq: 26 Jul 2017 12:23

Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	65.7	52.2	78.2

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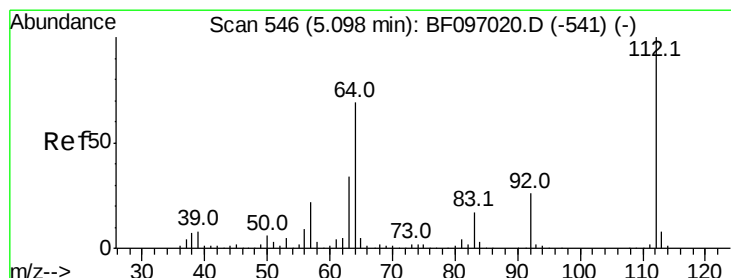
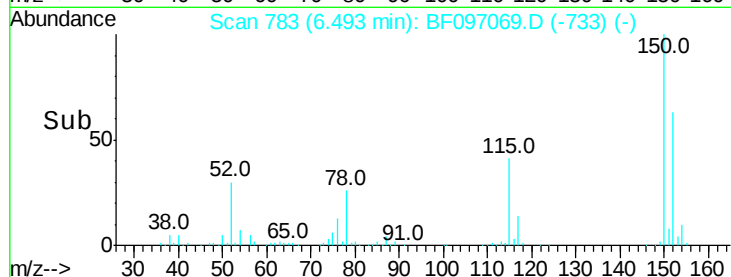
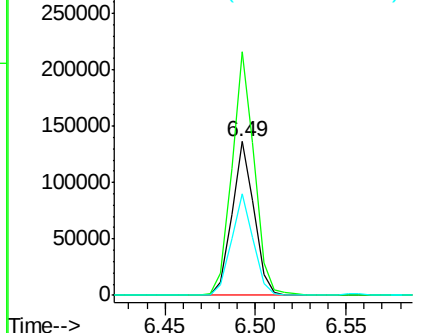


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

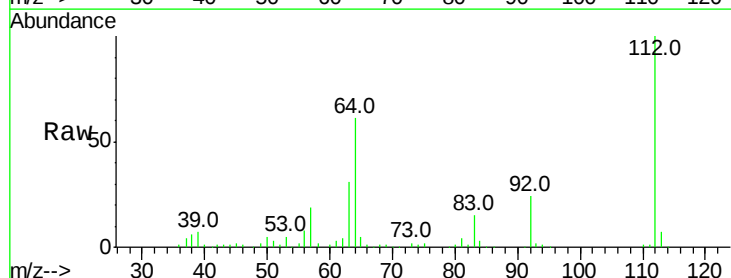
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 22.375 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097069.D
Acq: 26 Jul 2017 12:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.0	69.0
63	30.7	23.4	35.0

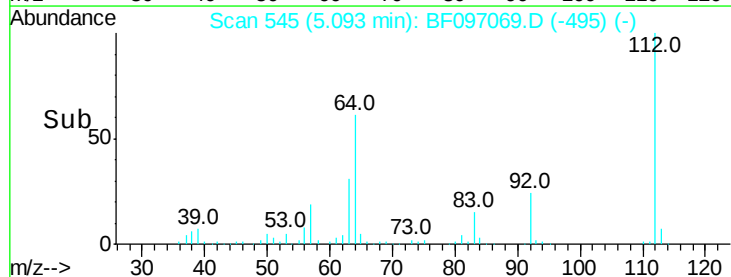
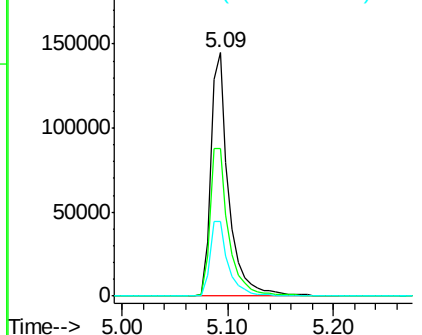


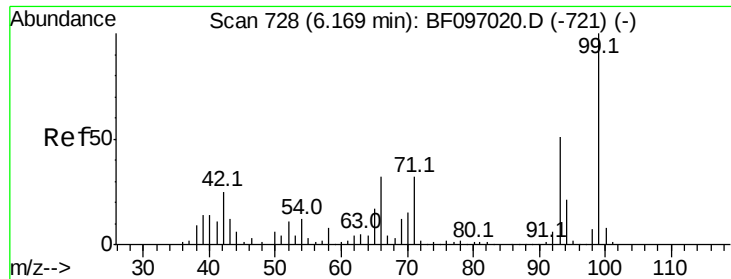
Abundance

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: 23.080 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097069.D

Acq: 26 Jul 2017 12:23

Instrument :

BNA_F

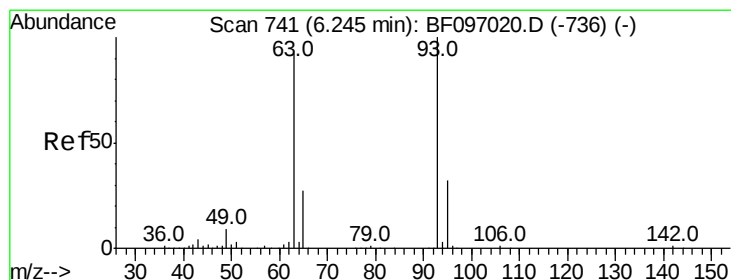
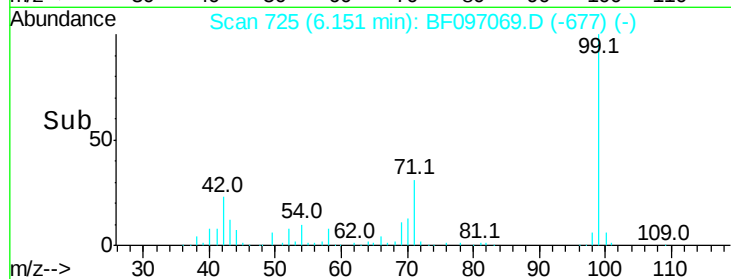
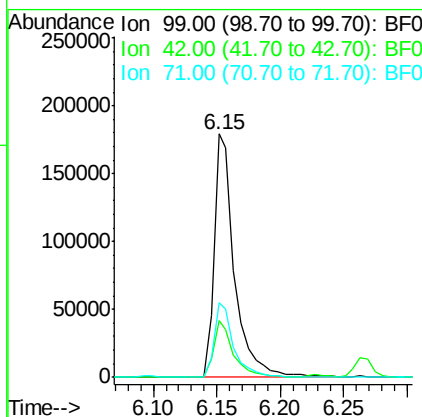
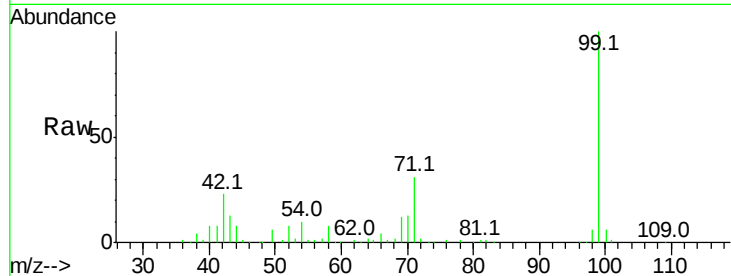
ClientSampleId :

E2-M6-BASE

Tot Ion:	99	Resp:	202654
Ion Ratio	Lower	Upper	
99	100		
42	23.4	13.5	20.3#
71	30.6	24.5	36.7

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#11

bis(2-Chloroethyl)ether

Concen: 7.707 ng

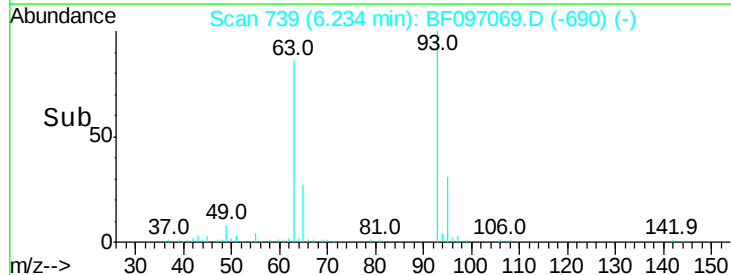
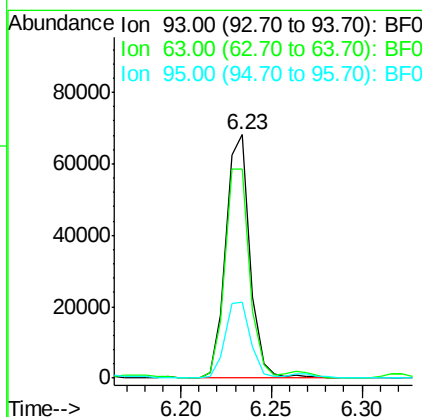
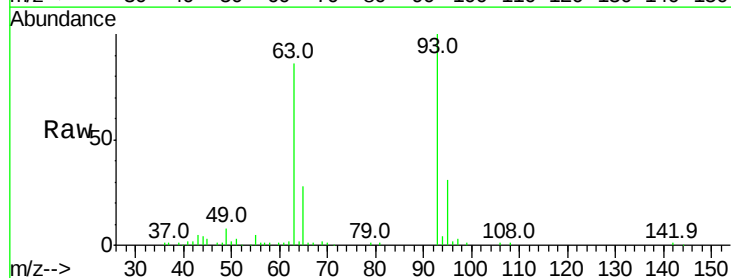
RT: 6.23 min Scan# 739

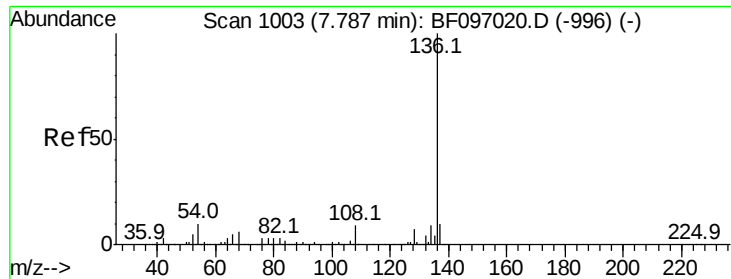
Delta R.T. -0.01 min

Lab File: BF097069.D

Acq: 26 Jul 2017 12:23

Tgt Ion:	93	Resp:	63481
Ion Ratio	Lower	Upper	
93	100		
63	85.9	59.2	99.2
95	31.1	12.8	52.8





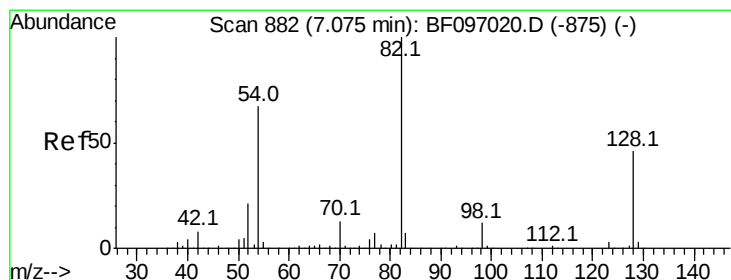
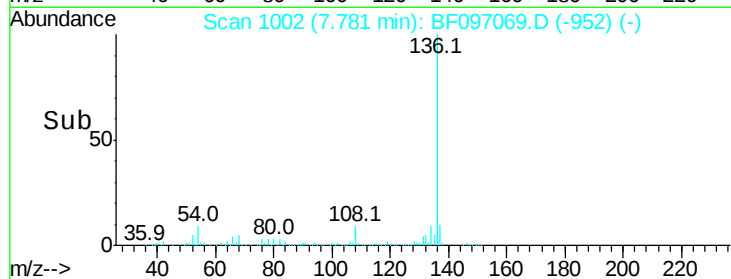
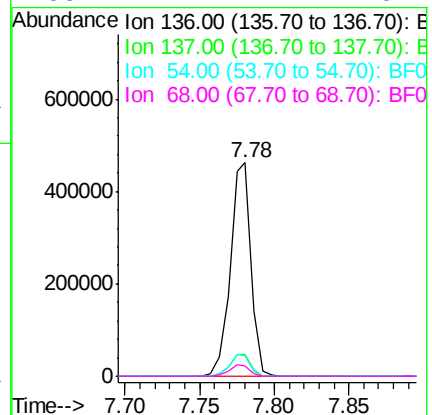
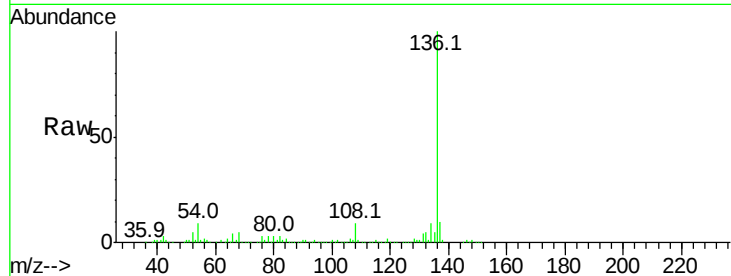
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097069.D
Acq: 26 Jul 2017 12:23

Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.5	12.7	
54	9.3	4.9	7.3#	
68	4.7	4.1	6.1	

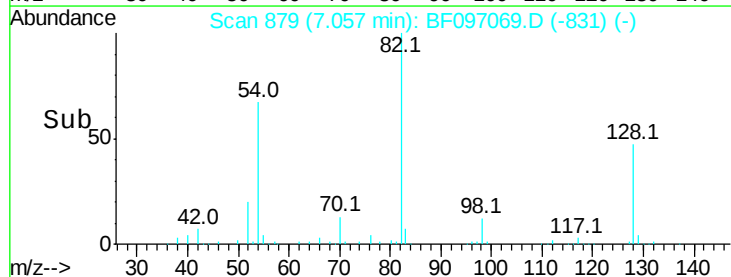
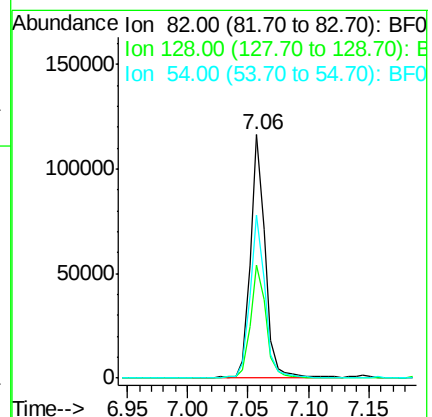
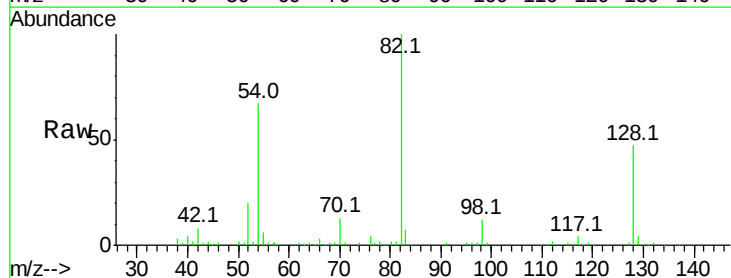
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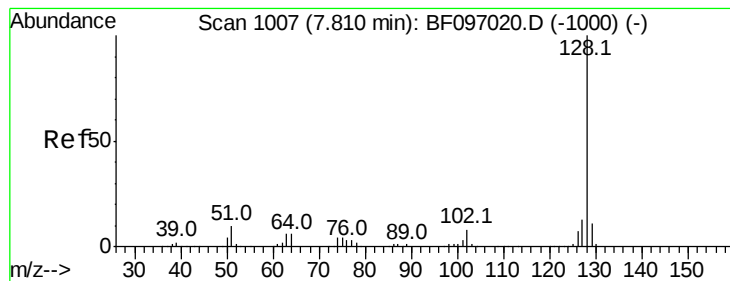
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#23
Nitrobenzene-d5
Concen: 12.972 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097069.D
Acq: 26 Jul 2017 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	34.0	51.0	
54	66.8	42.2	63.2#	





#31

Naphthalene

Concen: 15.294 ng

RT: 7.80 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF097069.D

Acq: 26 Jul 2017 12:23

Instrument :

BNA_F

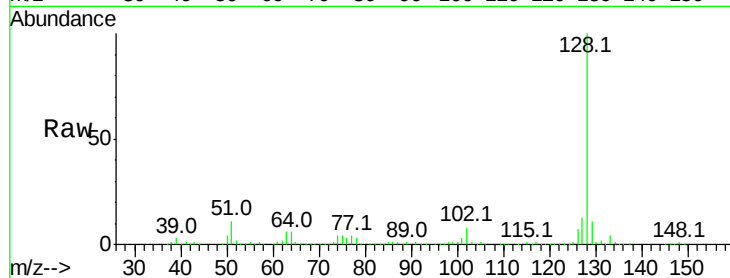
ClientSampleId :

E2-M6-BASE

Tot Ion:	128	Resp:	328047
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.2	10.8	16.2

Manual Integrations
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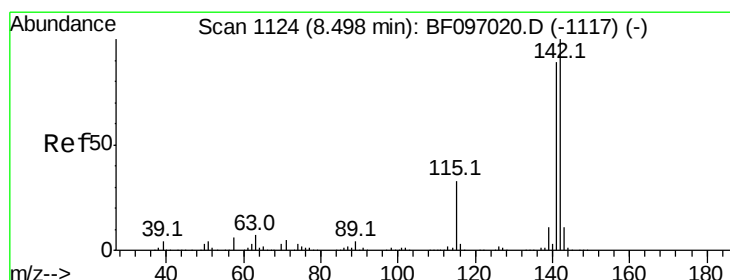
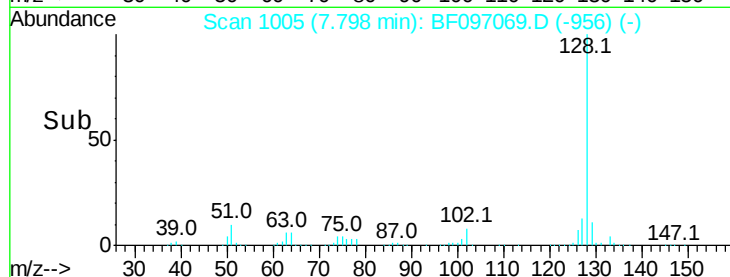
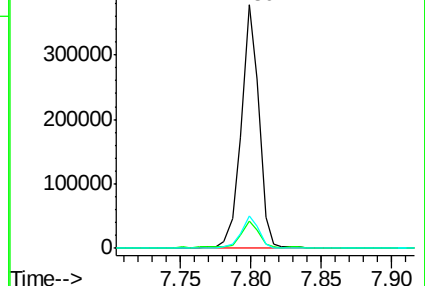
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 28.743 ng

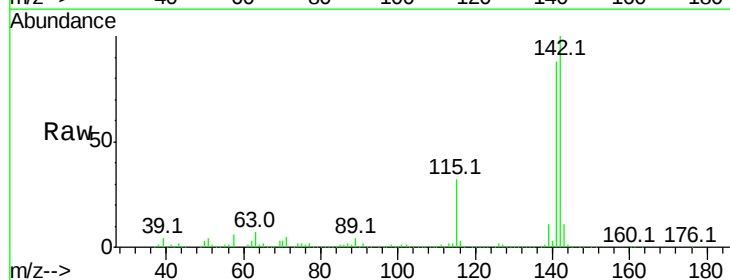
RT: 8.49 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF097069.D

Acq: 26 Jul 2017 12:23

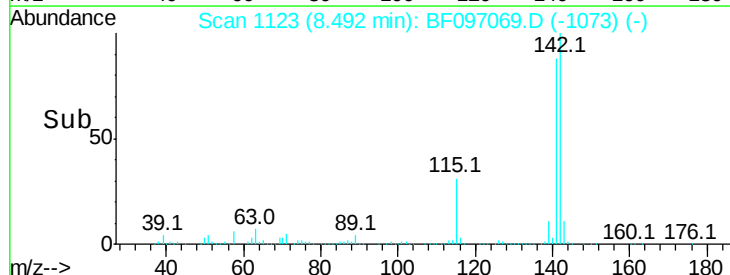
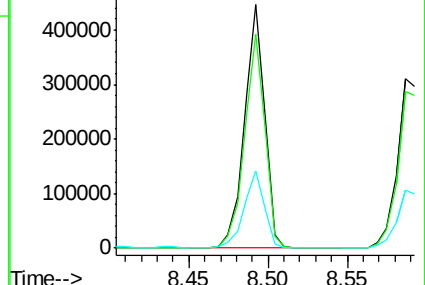
Tgt Ion:	142	Resp:	390338
Ion Ratio	Lower	Upper	
142	100		
141	87.9	71.3	106.9
115	31.5	27.1	40.7

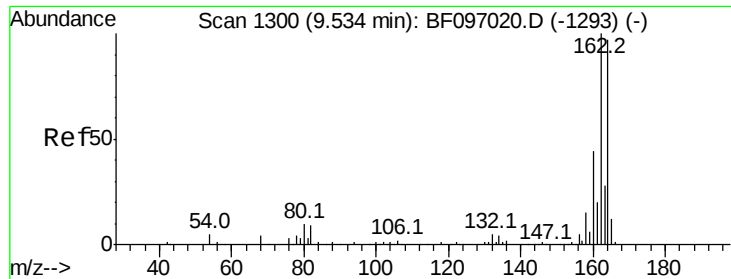


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





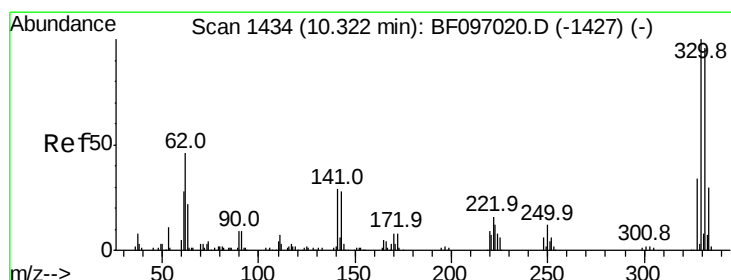
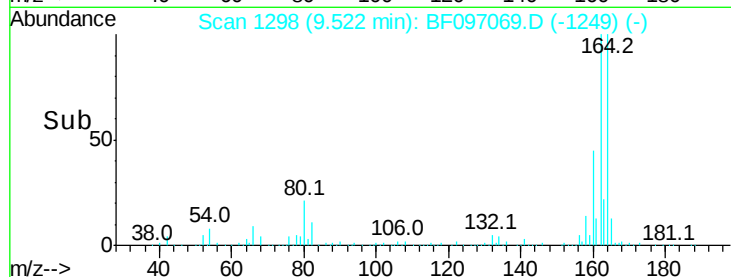
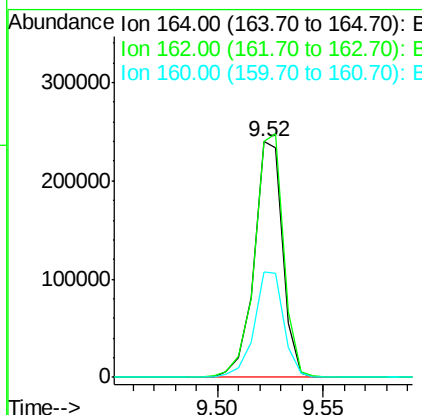
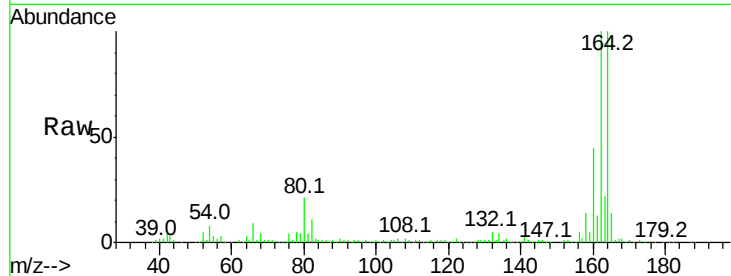
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097069.D
 Acq: 26 Jul 2017 12:23

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.9	82.6	123.8	
160	44.6	36.2	54.2	

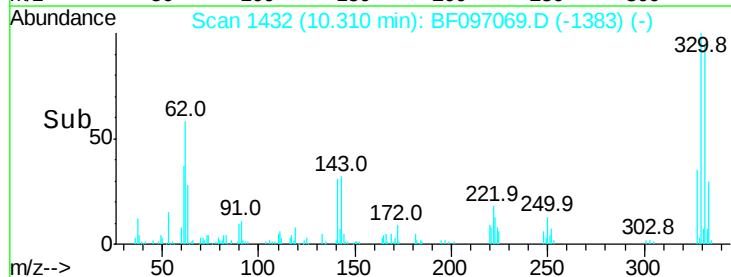
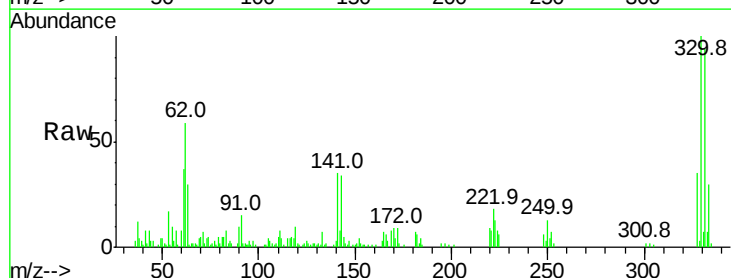
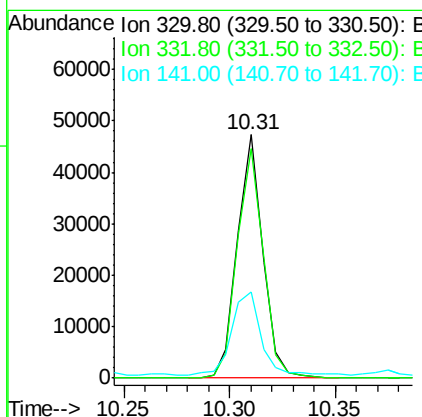
Manual Integrations
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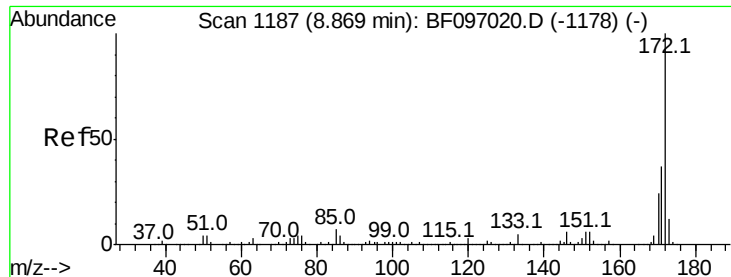
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#41
 2,4,6-Tribromophenol
 Concen: 22.008 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097069.D
 Acq: 26 Jul 2017 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.6	115.0	
141	39.1	31.4	47.2	





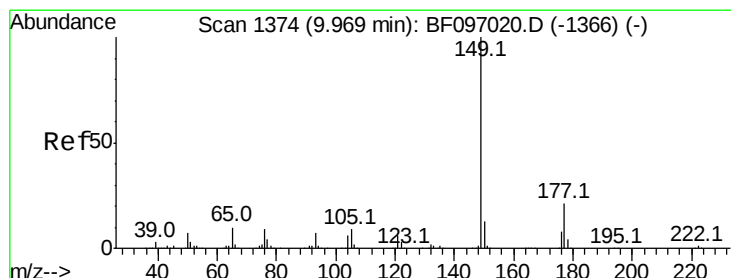
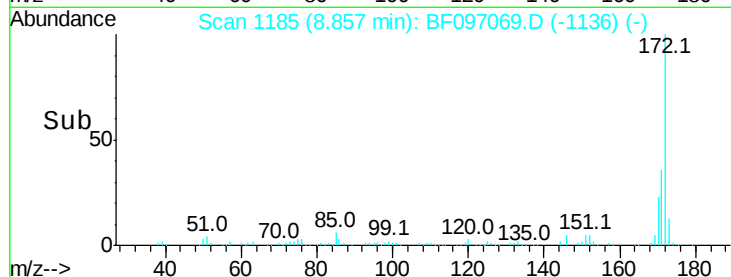
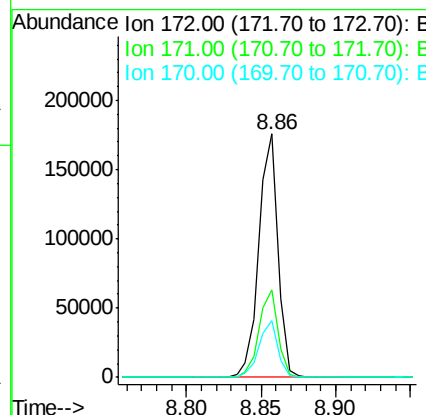
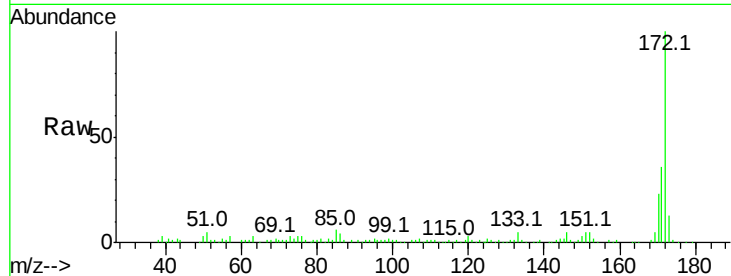
#44
2-Fluorobiphenyl
Concen: 11.538 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097069.D
Acq: 26 Jul 2017 12:23

Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
172	100	154226		
171	36.0		29.6	44.4
170	23.4		19.8	29.8

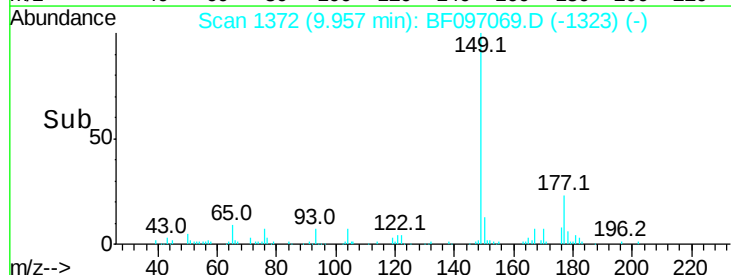
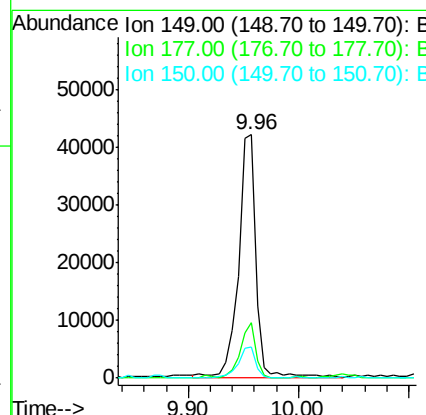
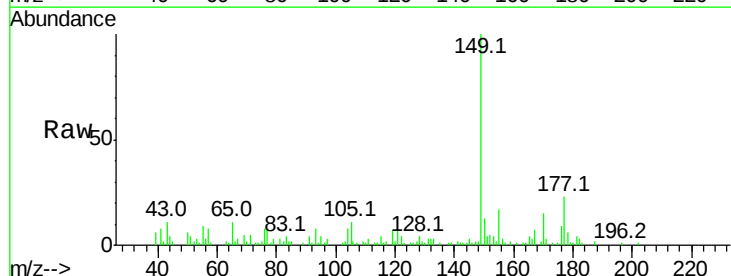
Manual Integrations
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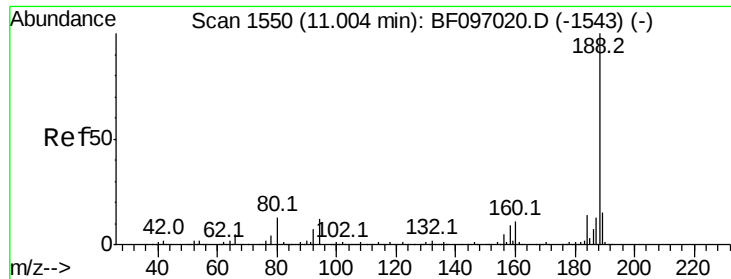
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#59
Diethylphthalate
Concen: 3.022 ng
RT: 9.96 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF097069.D
Acq: 26 Jul 2017 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	47759		
177	22.8		16.7	25.1
150	12.6		10.2	15.2





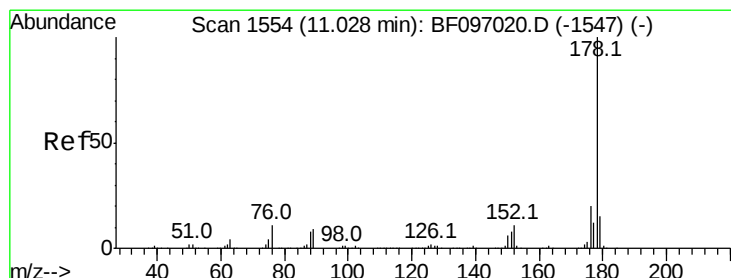
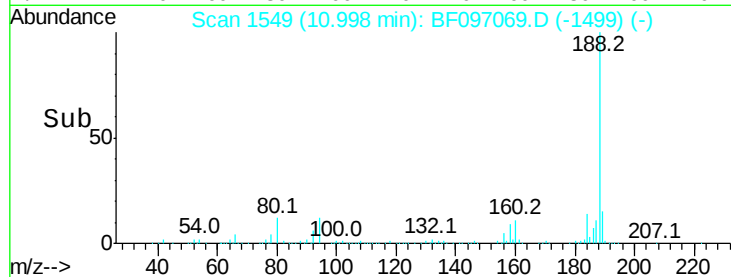
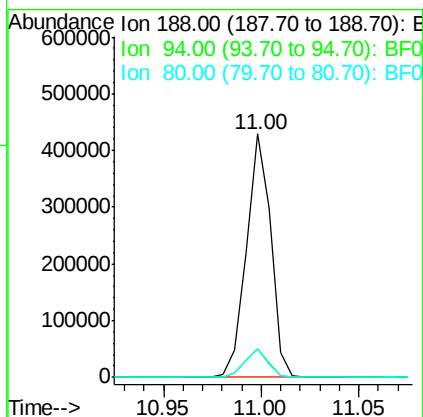
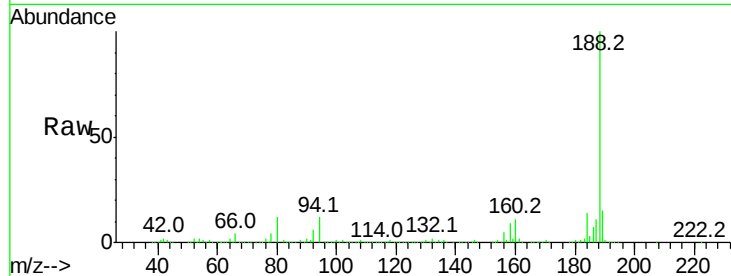
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097069.D
Acq: 26 Jul 2017 12:23

Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.7		9.4	14.2
80	11.6		10.2	15.2

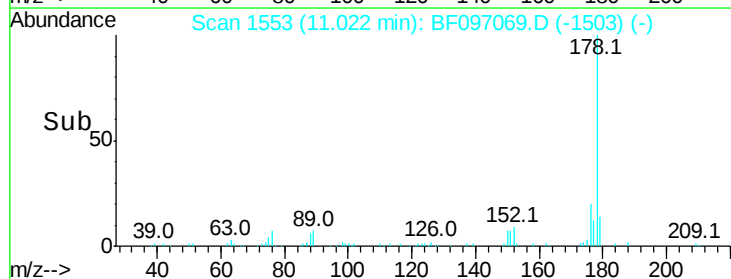
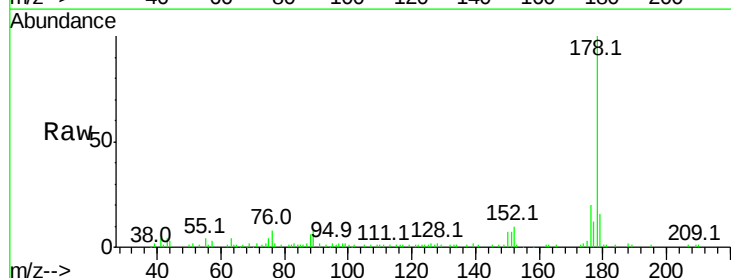
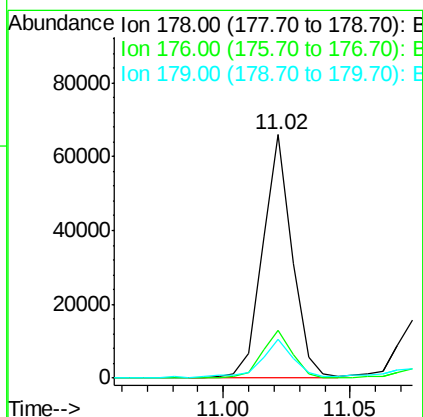
Manual Integrations
APPROVED

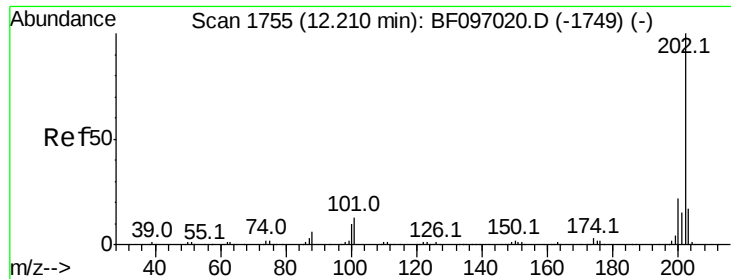
Sohil
7/27/2017 12:31:25 PM



#70
Phenanthrene
Concen: 2.674 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF097069.D
Acq: 26 Jul 2017 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.7		16.2	24.4
179	16.1		12.6	19.0





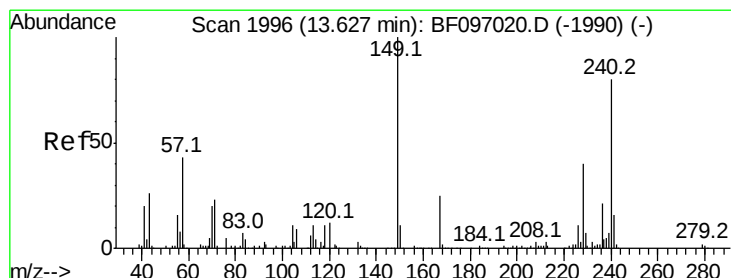
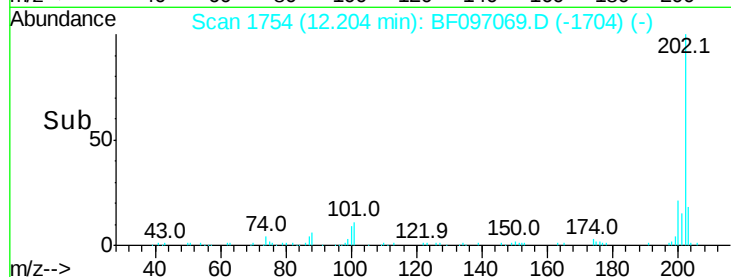
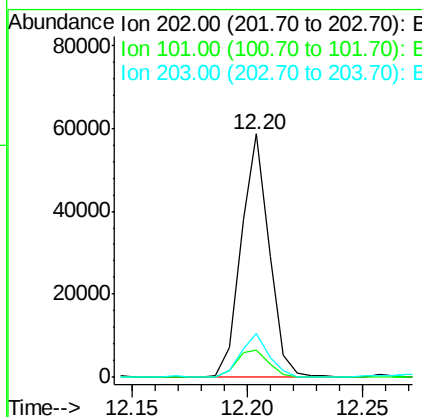
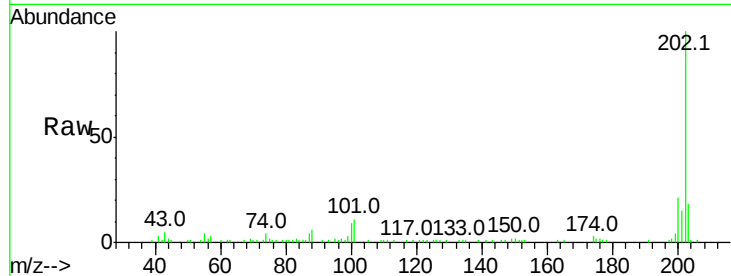
#74
Fluoranthene
 Concen: 2.538 ng
 RT: 12.20 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF097069.D
 Acq: 26 Jul 2017 12:23

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	33.2
203	18.0	0.0	38.1

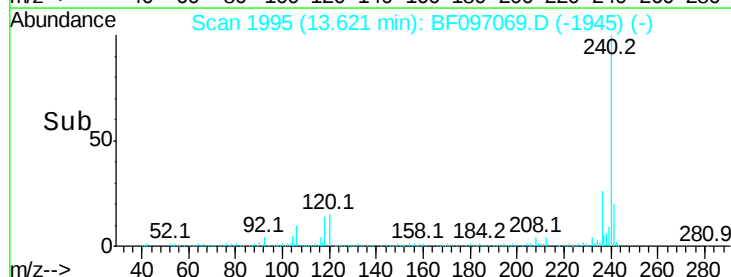
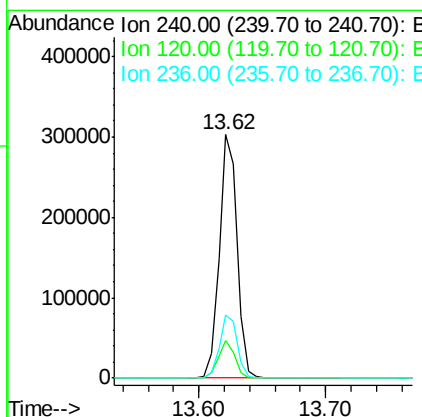
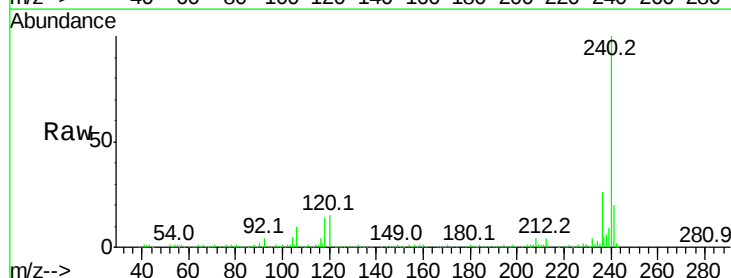
Manual Integrations
 APPROVED

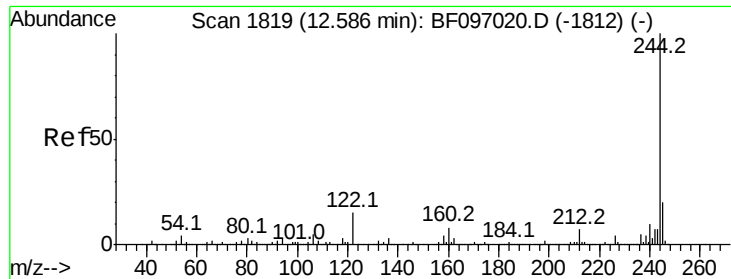
Sohil
 7/27/2017 12:31:25 PM



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF097069.D
 Acq: 26 Jul 2017 12:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.8	20.5	30.7





#78

Terphenyl-d14

Concen: 8.189 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097069.D

Acq: 26 Jul 2017 12:23

Instrument :

BNA_F

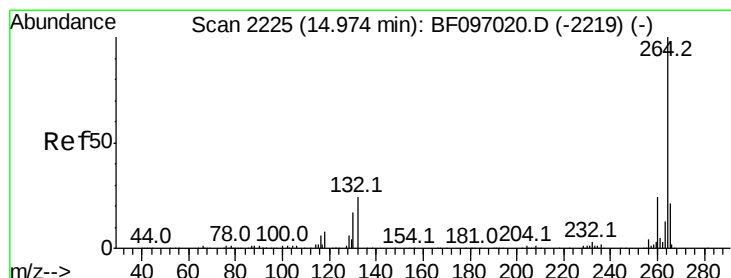
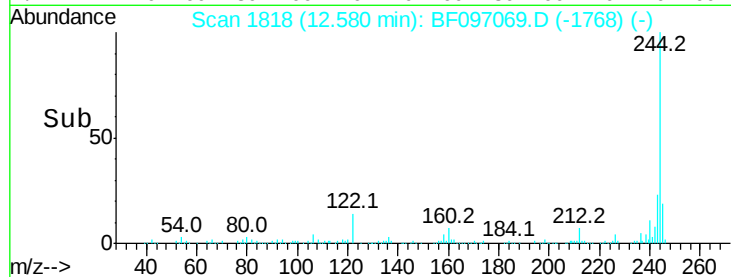
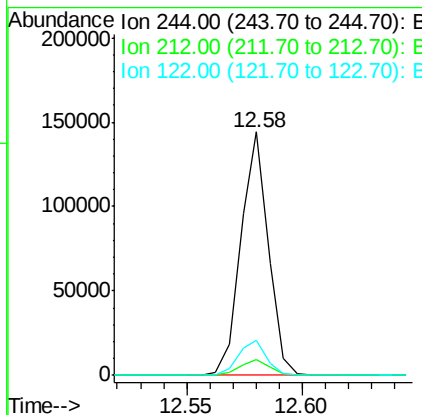
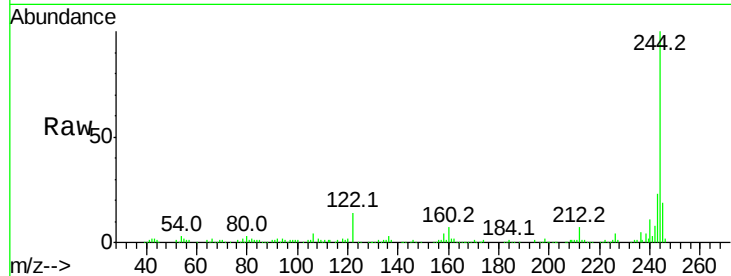
ClientSampleId :

E2-M6-BASE

Tot Ion:	244	Resp:	119325
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	14.2	10.3	15.5

Manual Integrations
APPROVED

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#86

Perylene-d12

Concen: 20.000 ng

RT: 14.97 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF097069.D

Acq: 26 Jul 2017 12:23

Tgt Ion:	264	Resp:	222178
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.6	17.2	25.8

