

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093040.D
 Acq On : 20 Feb 2017 20:42
 Operator : SJ/MA
 Sample : I1910-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HARMONBLDG30-RW-1

Manual Integrations
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mohammad
 2/21/2017 3:57:33 PM

Quant Time: Feb 21 00:07:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142989	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	409889	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	175520	20.00	ng	0.02
63) Phenanthrene-d10	11.39	188	277556	20.00	ng	0.01
75) Chrysene-d12	14.01	240	281431	20.00	ng	-0.01
86) Perylene-d12	15.44	264	269053	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	497195	59.65	ng	-0.01
7) Phenol-d6	6.48	99	372497	34.74	ng	-0.01
23) Nitrobenzene-d5	7.42	82	930716	126.45	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	172125	135.59	ng	0.02
44) 2-Fluorobiphenyl	9.23	172	1051187	108.50	ng	0.01
78) Terphenyl-d14	12.97	244	901248	75.25	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.86	142	337925	25.33	ng	Qvalue 95
51) Acenaphthene	9.95	154	82082	7.99	ng	# 57
70) Phenanthrene	11.41	178	419522	26.38	ng	# 90
74) Fluoranthene	12.60	202	37515m	2.29	ng	
77) Pyrene	12.82	202	152466	7.24	ng	# 92

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

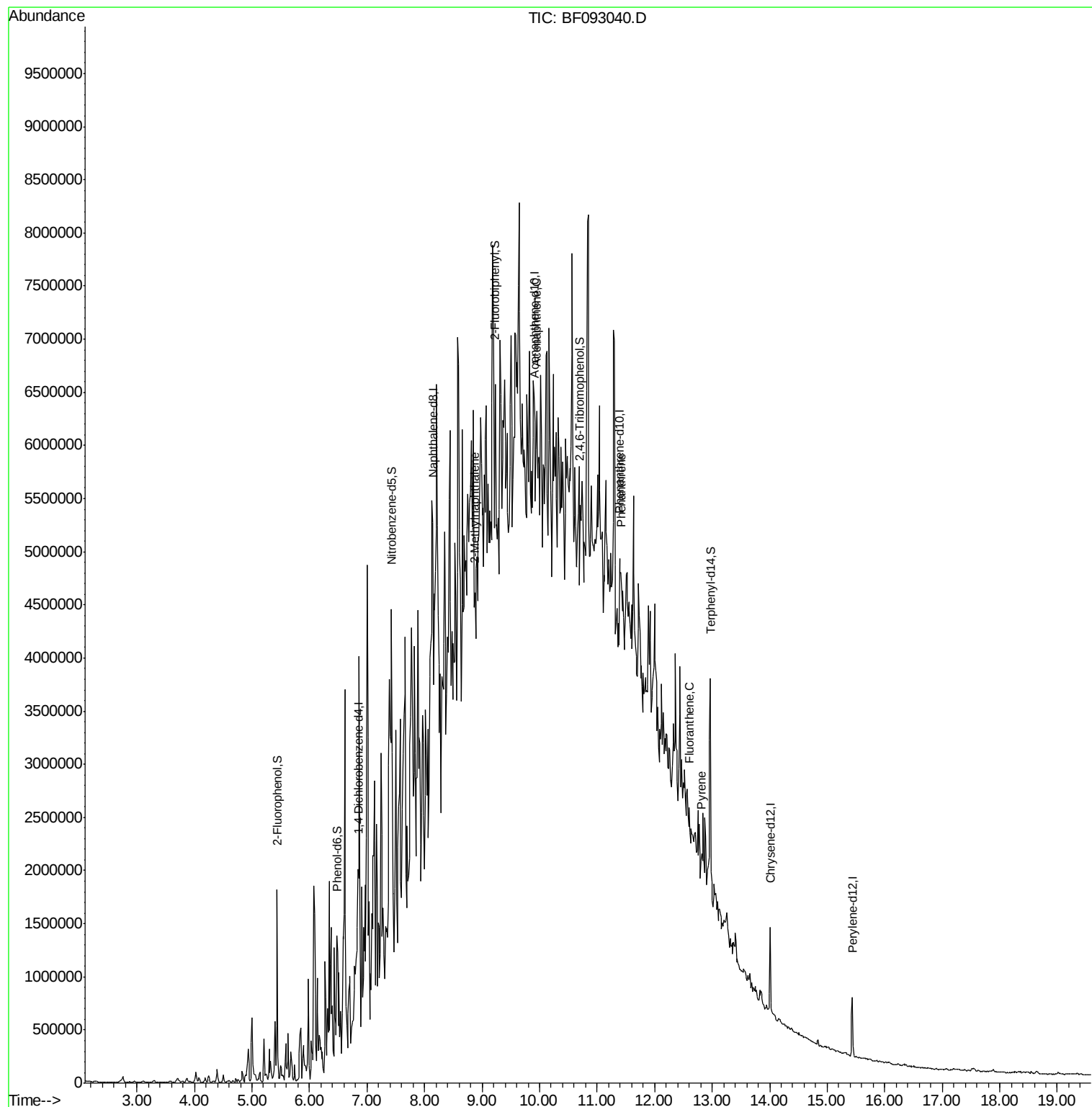
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

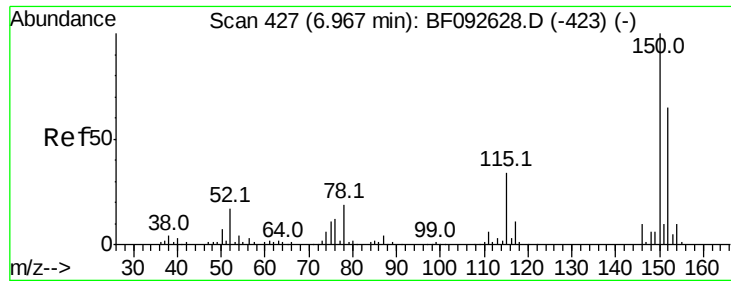
Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

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Quant Time: Feb 21 00:07:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

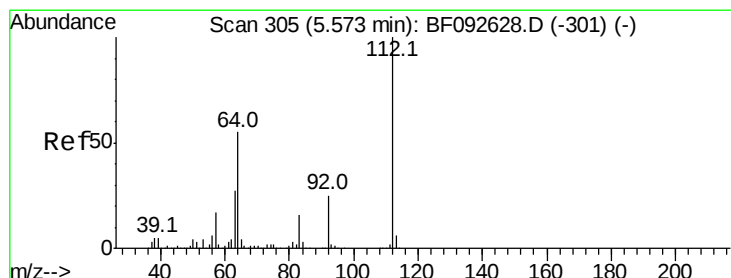
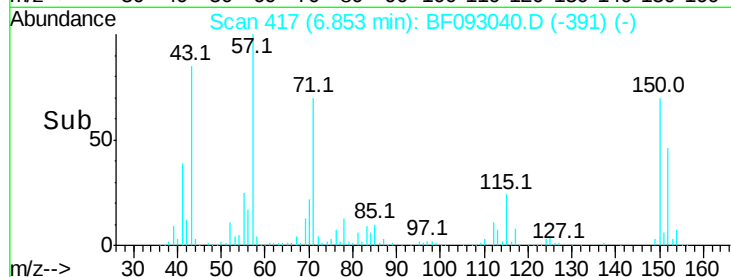
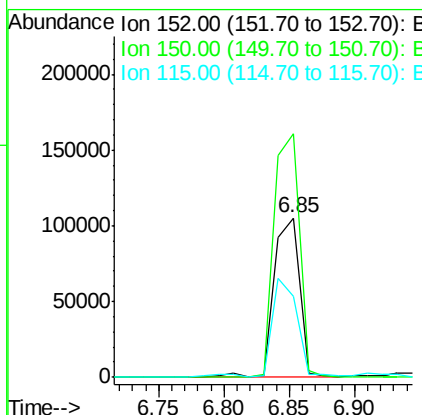
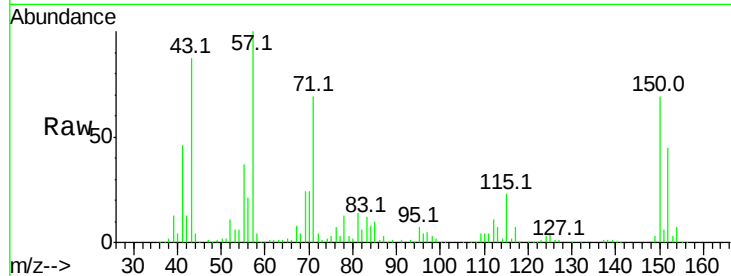
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093040.D
Acq: 20 Feb 2017 20:42

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.9	187.3
115	51.1	46.0	69.0

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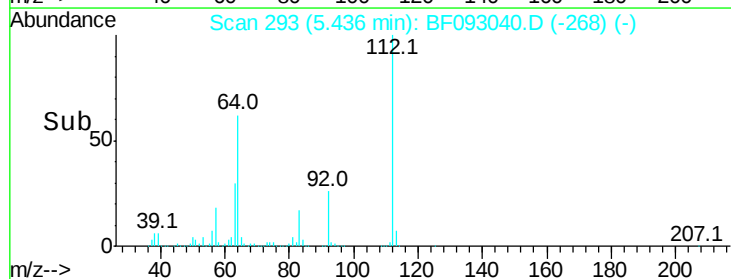
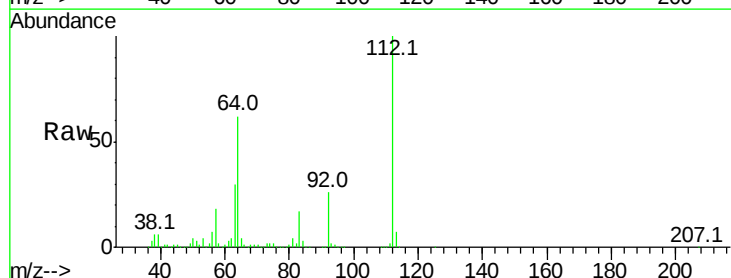
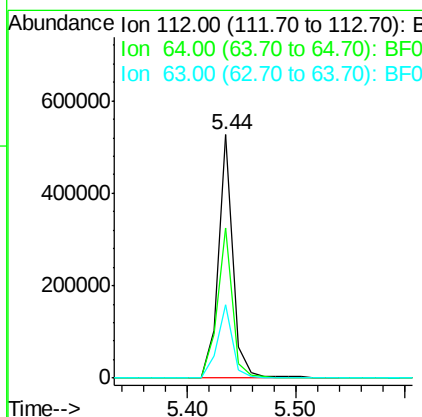
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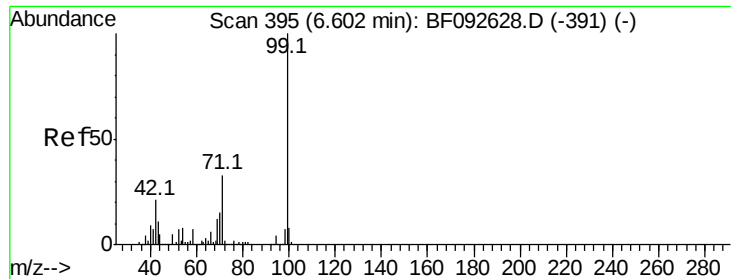


#5

2-Fluorophenol
Concen: 59.65 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093040.D
Acq: 20 Feb 2017 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	46.1	69.1
63	29.9	23.8	35.6





#7

Phenol-d6

Concen: 34.74 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093040.D

Acq: 20 Feb 2017 20:42

Instrument :

BNA_F

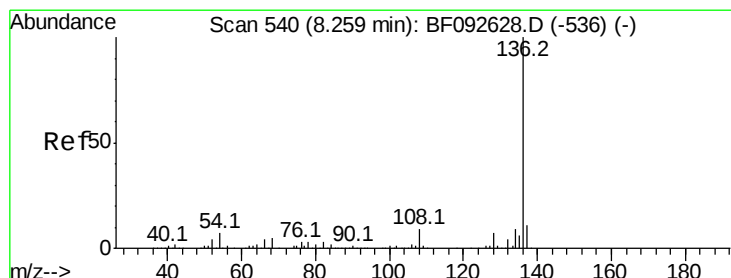
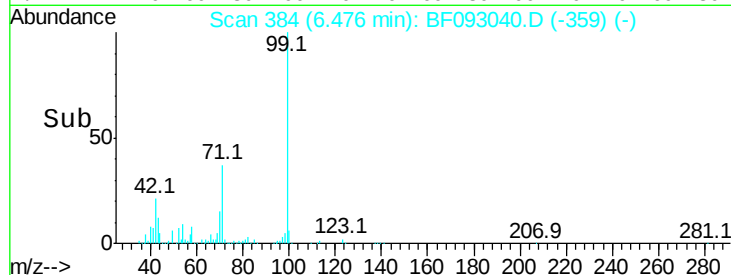
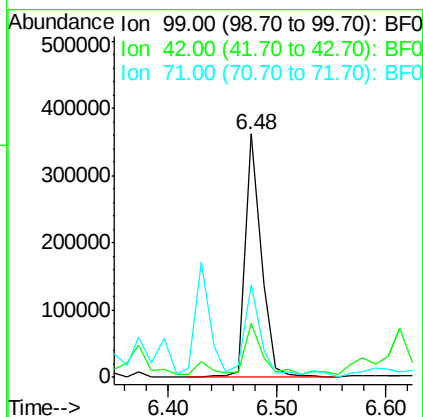
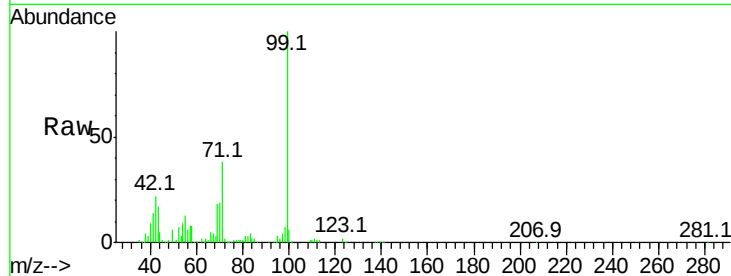
ClientSampleId :

HARMONBLDG30-RW-1

Tot Ion	99	Resp	372497
Ion Ratio	Lower	Upper	
99	100		
42	22.2	15.6	23.4
71	37.8	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

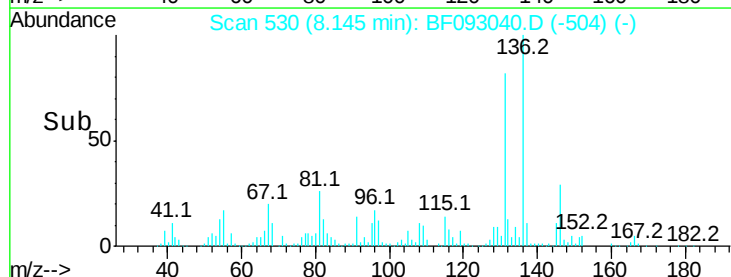
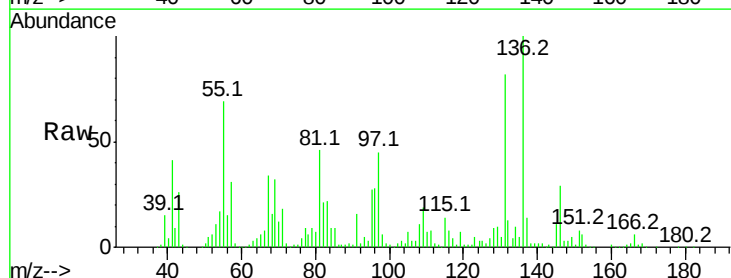
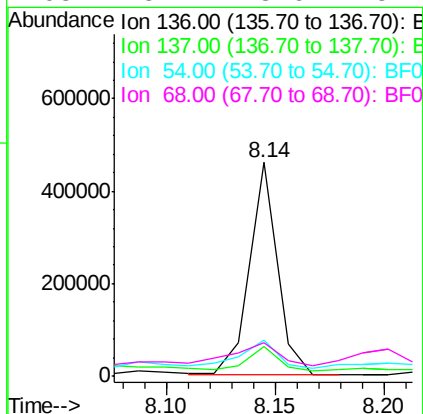
RT: 8.14 min Scan# 530

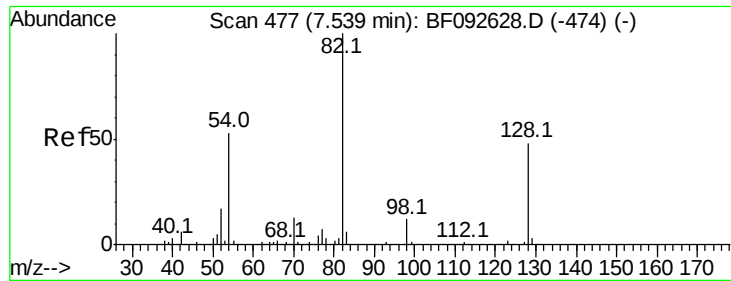
Delta R.T. -0.00 min

Lab File: BF093040.D

Acq: 20 Feb 2017 20:42

Tgt Ion	136	Resp	409889
Ion Ratio	Lower	Upper	
136	100		
137	14.0	8.4	12.6#
54	16.5	4.5	6.7#
68	15.7	3.6	5.4#





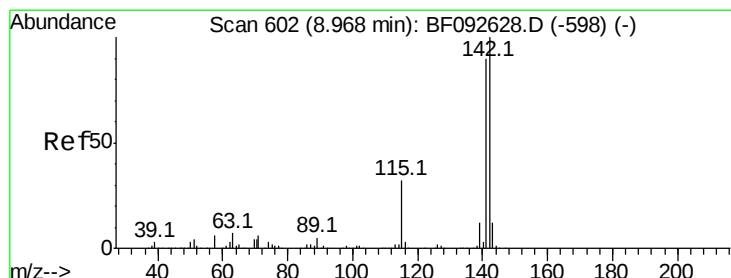
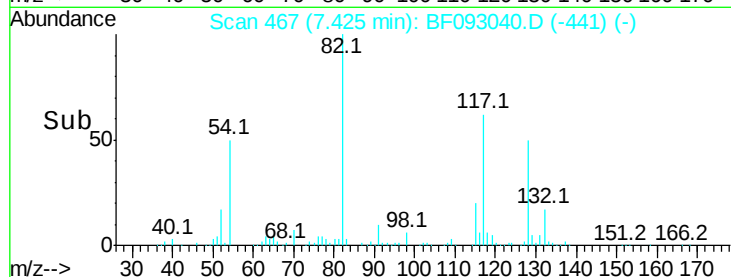
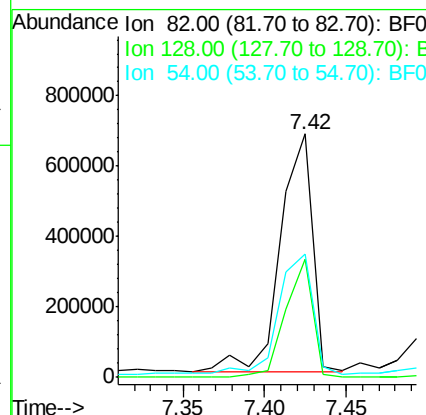
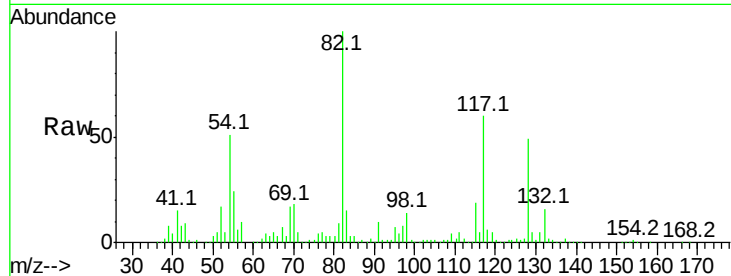
#23
 Nitrobenzene-d5
 Concen: 126.45 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093040.D
 Acq: 20 Feb 2017 20:42

Instrument :
 BNA_F
 ClientSampleId :
 HARMONBLDG30-RW-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.6	52.0
54	50.7	39.5	59.3

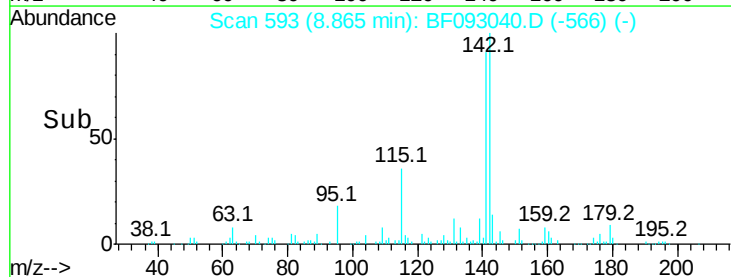
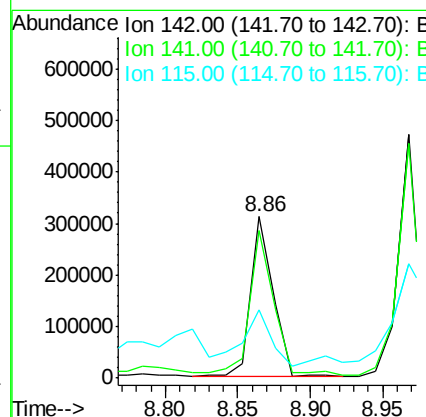
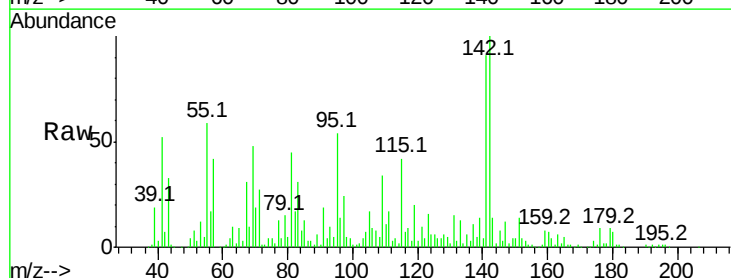
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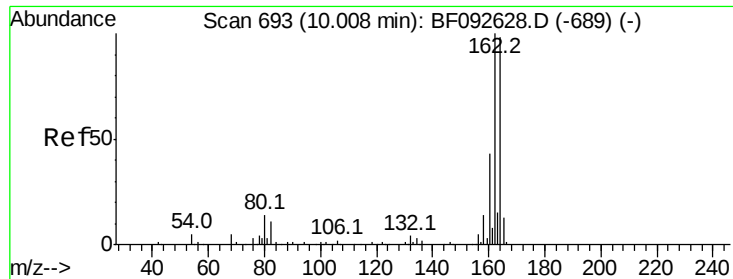
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#37
 2-Methylnaphthalene
 Concen: 25.33 ng
 RT: 8.86 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: BF093040.D
 Acq: 20 Feb 2017 20:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.0	106.6
115	42.1	28.3	42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.02 min

Lab File: BF093040.D

Acq: 20 Feb 2017 20:42

Instrument :

BNA_F

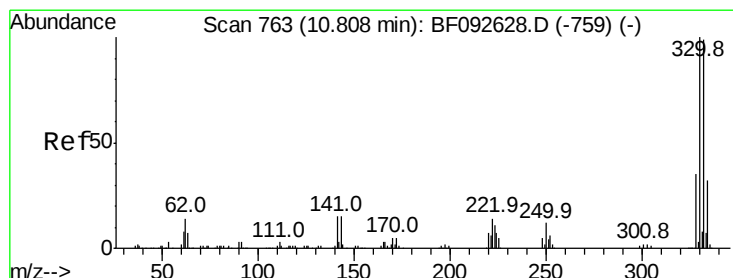
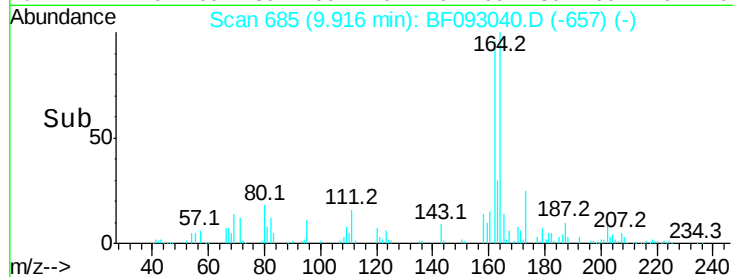
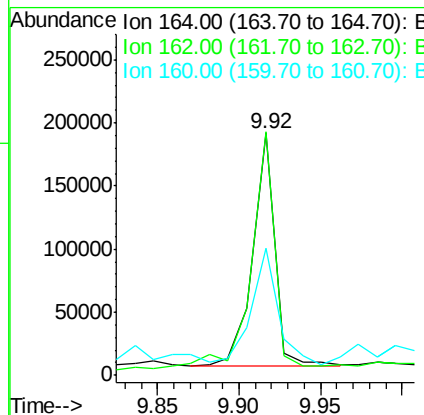
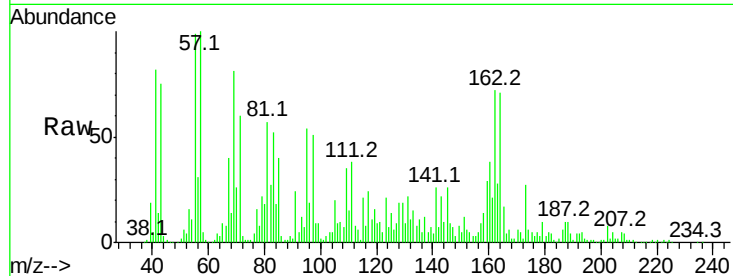
ClientSampleId :

HARMONBLDG30-RW-1

Tot Ion:	164	Resp:	175520
Ion Ratio	Lower	Upper	
164	100		
162	100.5	80.2	120.2
160	52.5	36.9	55.3

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#41

2,4,6-Tribromophenol

Concen: 135.59 ng

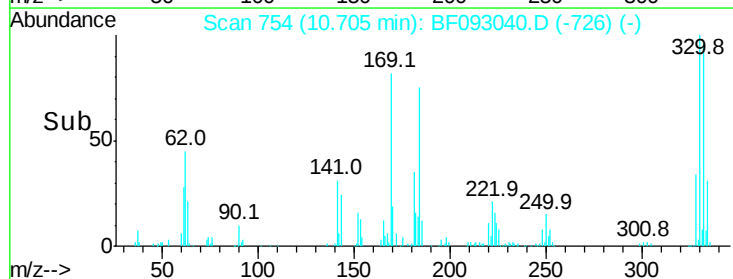
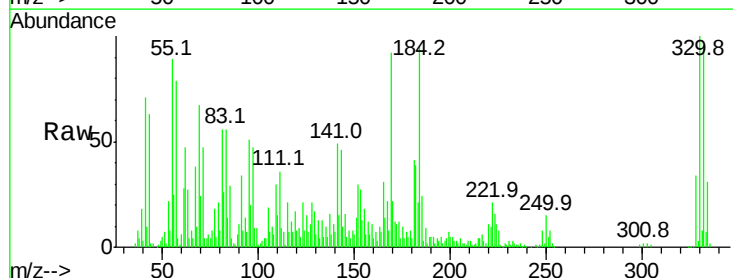
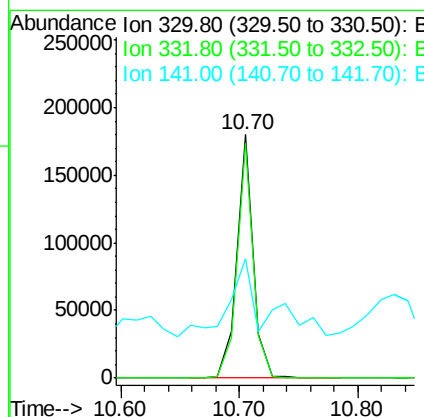
RT: 10.70 min Scan# 754

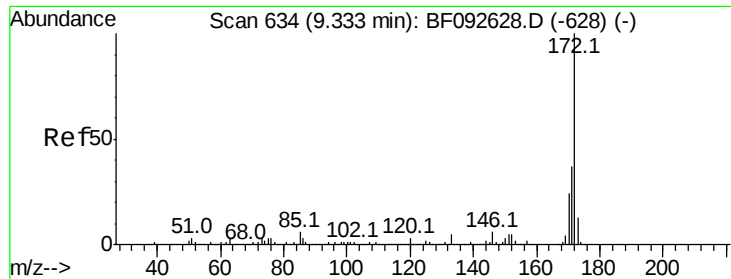
Delta R.T. 0.02 min

Lab File: BF093040.D

Acq: 20 Feb 2017 20:42

Tgt Ion:	330	Resp:	172125
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.4	116.2
141	52.1	34.1	51.1#





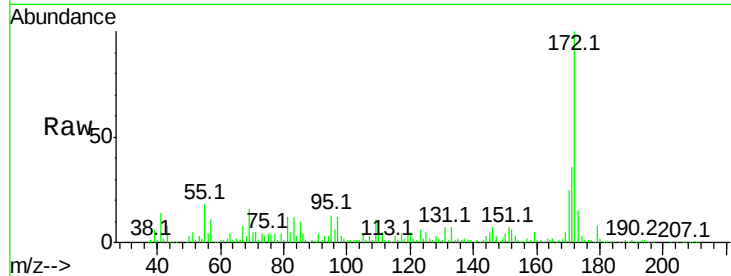
#44
2-Fluorobiphenyl
Concen: 108.50 ng
RT: 9.23 min Scan# 625
Delta R.T. 0.01 min
Lab File: BF093040.D
Acq: 20 Feb 2017 20:42

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

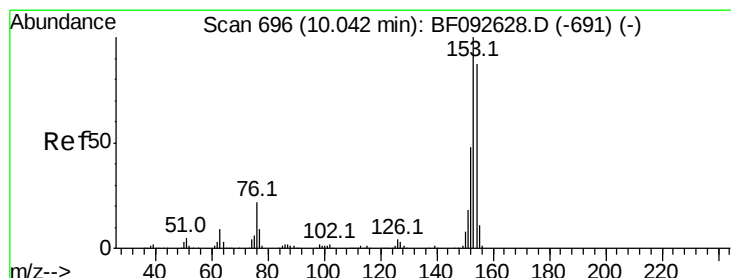
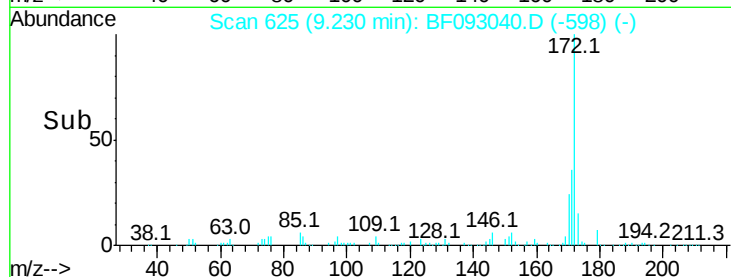
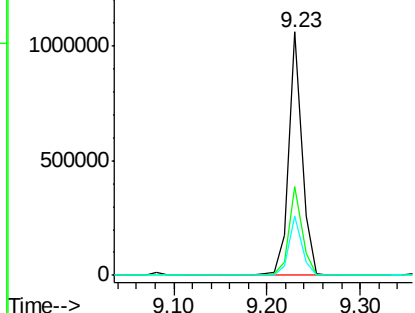
Tot Ion:172 Resp: 1051187
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.5 20.2 30.4

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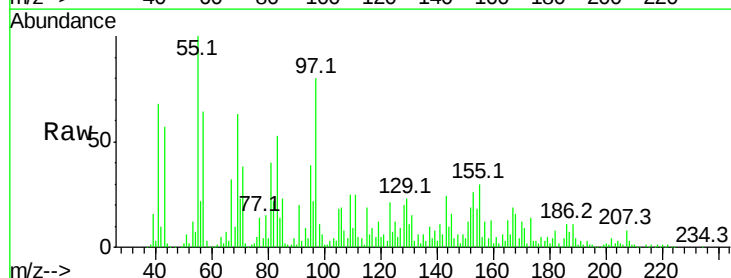


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

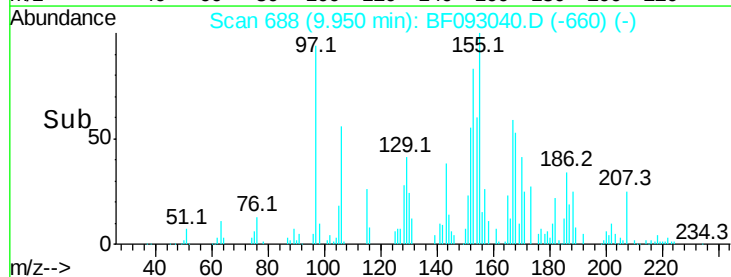
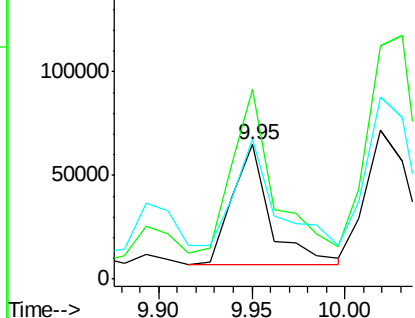


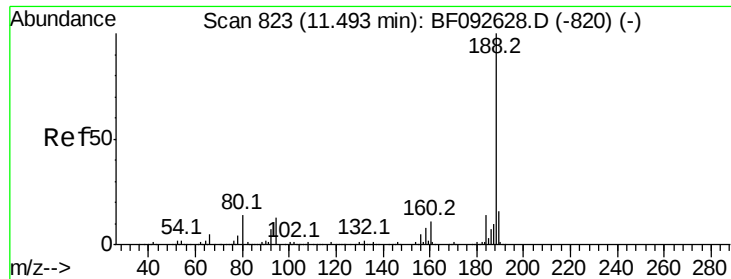
#51
Acenaphthene
Concen: 7.99 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.02 min
Lab File: BF093040.D
Acq: 20 Feb 2017 20:42

Tgt Ion:154 Resp: 82082
Ion Ratio Lower Upper
154 100
153 140.8 88.6 133.0#
152 104.3 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF093040.D

Acq: 20 Feb 2017 20:42

Instrument :

BNA_F

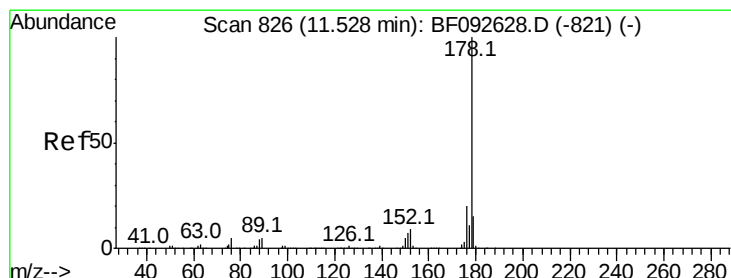
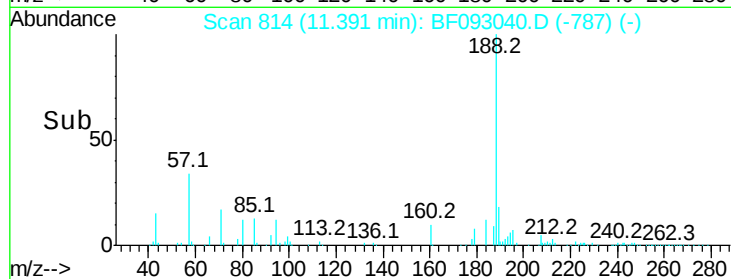
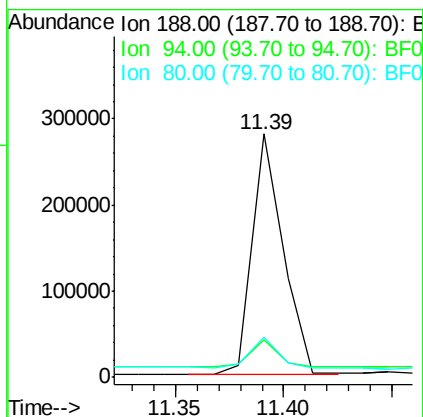
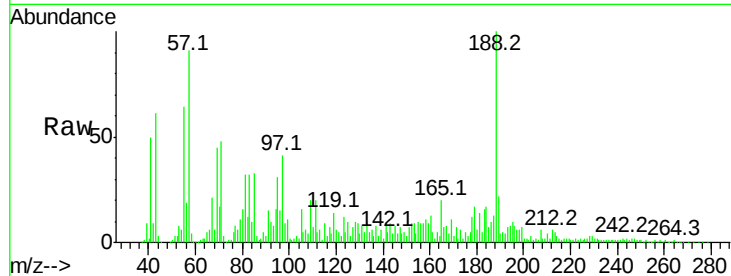
ClientSampleId :

HARMONBLDG30-RW-1

Tot Ion:	188	Resp:	277556
Ion Ratio	Lower	Upper	
188	100		
94	15.6	10.0	15.0#
80	16.4	11.2	16.8

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#70

Phenanthrene

Concen: 26.38 ng

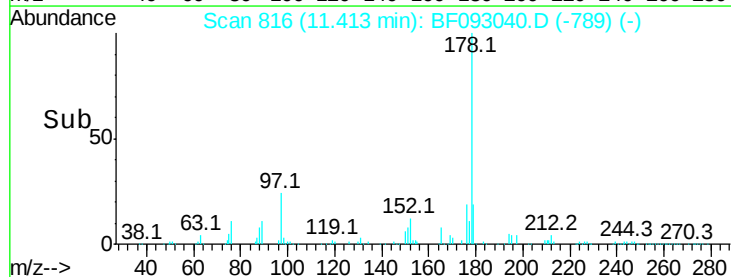
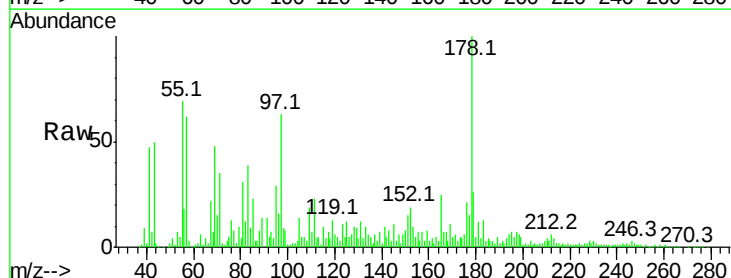
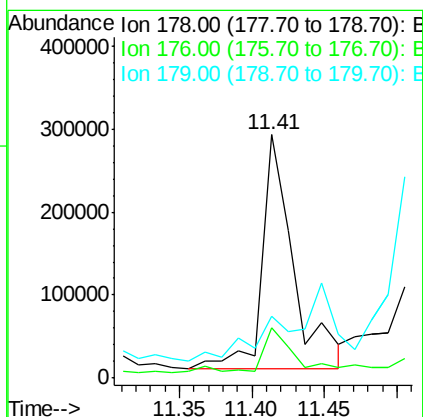
RT: 11.41 min Scan# 816

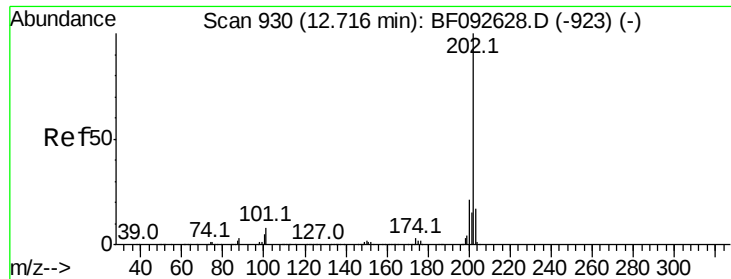
Delta R.T. 0.01 min

Lab File: BF093040.D

Acq: 20 Feb 2017 20:42

Tgt Ion:	178	Resp:	419522
Ion Ratio	Lower	Upper	
178	100		
176	20.6	16.6	25.0
179	25.6	12.8	19.2#





#74

Fluoranthene

Concen: 2.29 ng/mL

RT: 12.60 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF093040.D

Acq: 20 Feb 2017 20:42

Instrument :

BNA_F

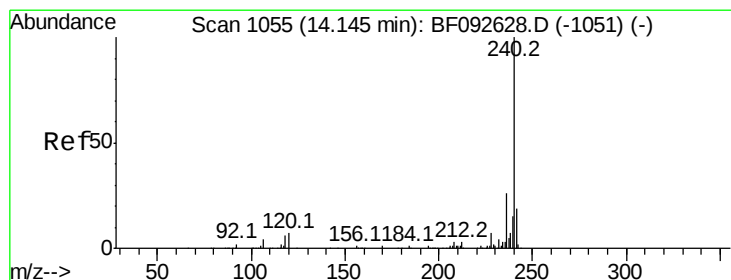
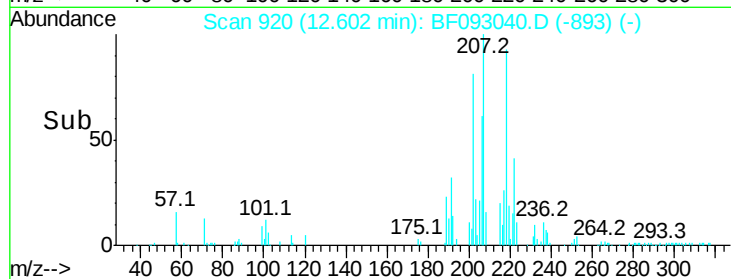
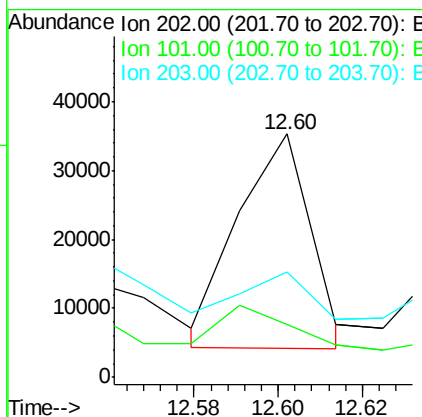
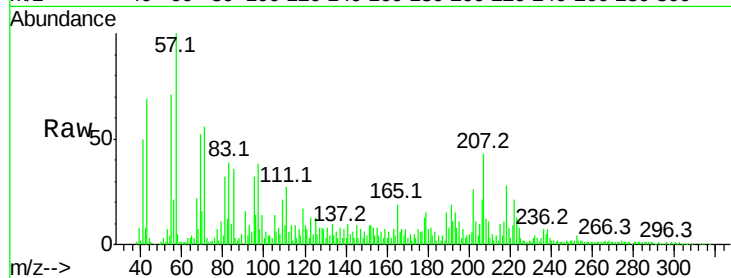
ClientSampleId :

HARMONBLDG30-RW-1

Tot Ion:	202	Resp:	37515
Ion Ratio	Lower	Upper	
202	100		
101	21.6	0.0	34.6
203	43.4	0.0	38.7#

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng/mL

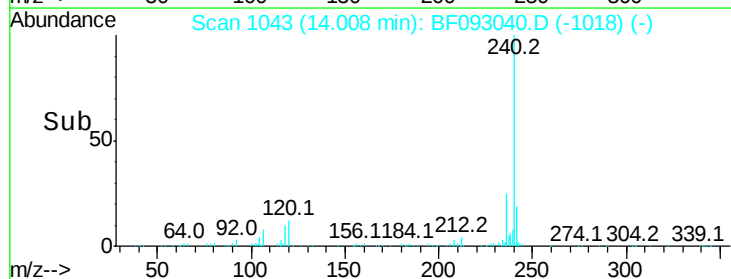
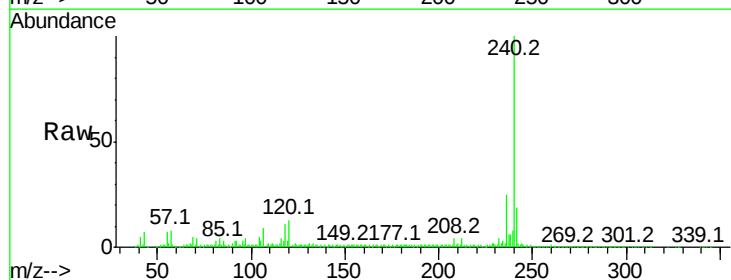
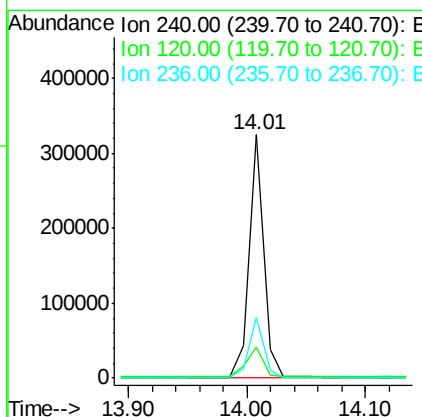
RT: 14.01 min Scan# 1043

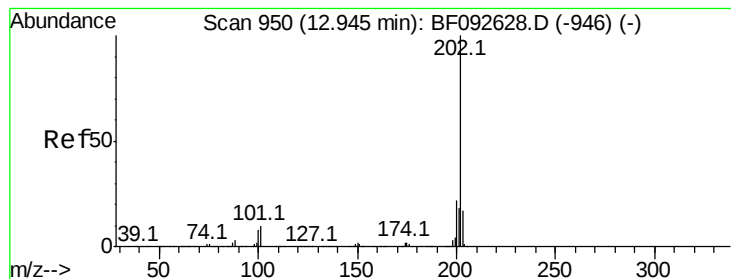
Delta R.T. -0.01 min

Lab File: BF093040.D

Acq: 20 Feb 2017 20:42

Tgt Ion:	240	Resp:	281431
Ion Ratio	Lower	Upper	
240	100		
120	13.0	12.9	19.3
236	24.9	20.9	31.3





#77

Pvrene

Concen: 7.24 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093040.D

Acq: 20 Feb 2017 20:42

Instrument :

BNA_F

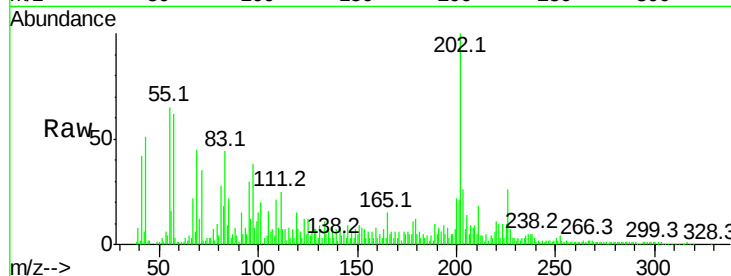
ClientSampleId :

HARMONBLDG30-RW-1

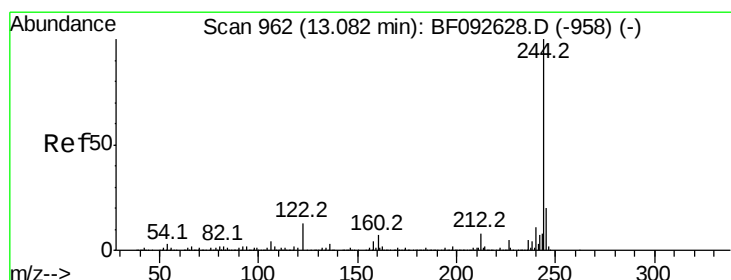
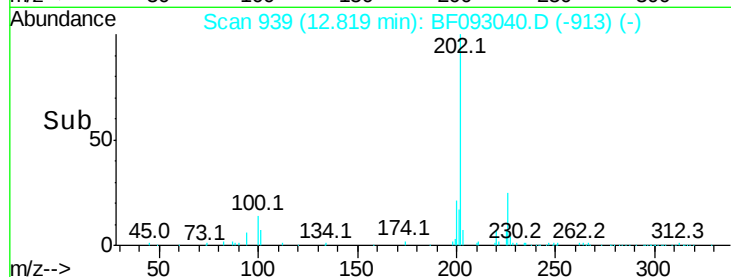
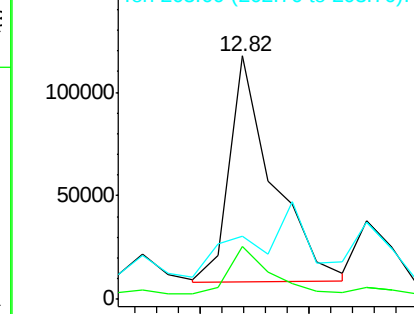
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	26.1	14.7	22.1

Manual Integrations
APPROVED

mohammad
2/21/2017 3:57:33 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: 75.25 ng

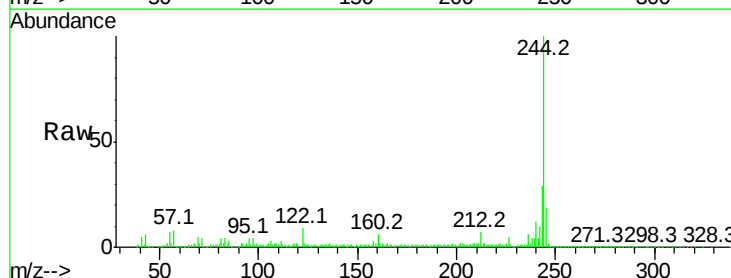
RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

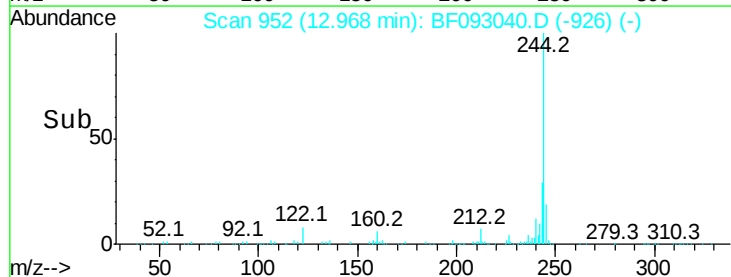
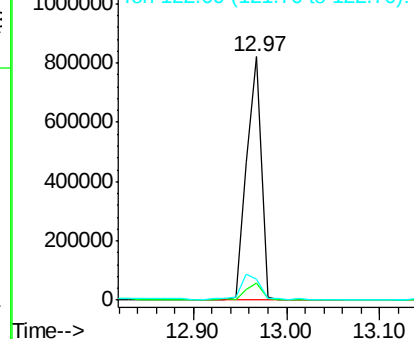
Lab File: BF093040.D

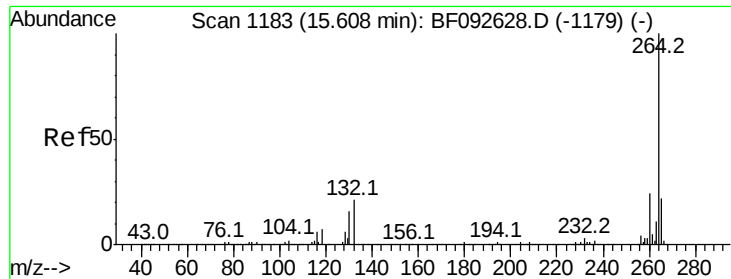
Acq: 20 Feb 2017 20:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	8.7	11.4	17.2



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





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093040.D
Acq: 20 Feb 2017 20:42

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.3	17.4	26.0

Manual Integrations
APPROVED

mohammad
2/21/2017 3:57:33 PM

