

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092052.D
 Acq On : 30 Dec 2016 18:22
 Operator : UM/SJ
 Sample : H6318-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Manual Integrations
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mohammad
 1/3/2017 9:14:28 AM

Quant Time: Dec 30 22:14:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	230681	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	1063970	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	570238	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	863512	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	546263	20.00	ng	-0.05
86) Perylene-d12	15.21	264	465217	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	890158	64.43	ng	-0.03
7) Phenol-d6	6.34	99	710127	42.10	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1273425	66.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	515368	109.21	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2361199	84.81	ng	-0.03
78) Terphenyl-d14	12.78	244	1888452	83.84	ng	-0.03
Target Compounds						
10) Phenol	6.35	94	46095	2.40	ng	Qvalue 83
31) Naphthalene	7.98	128	174652m	3.59	ng	
37) 2-Methylnaphthalene	8.68	142	581724	15.80	ng	98
49) Dimethylphthalate	9.45	163	123859	3.40	ng	98

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

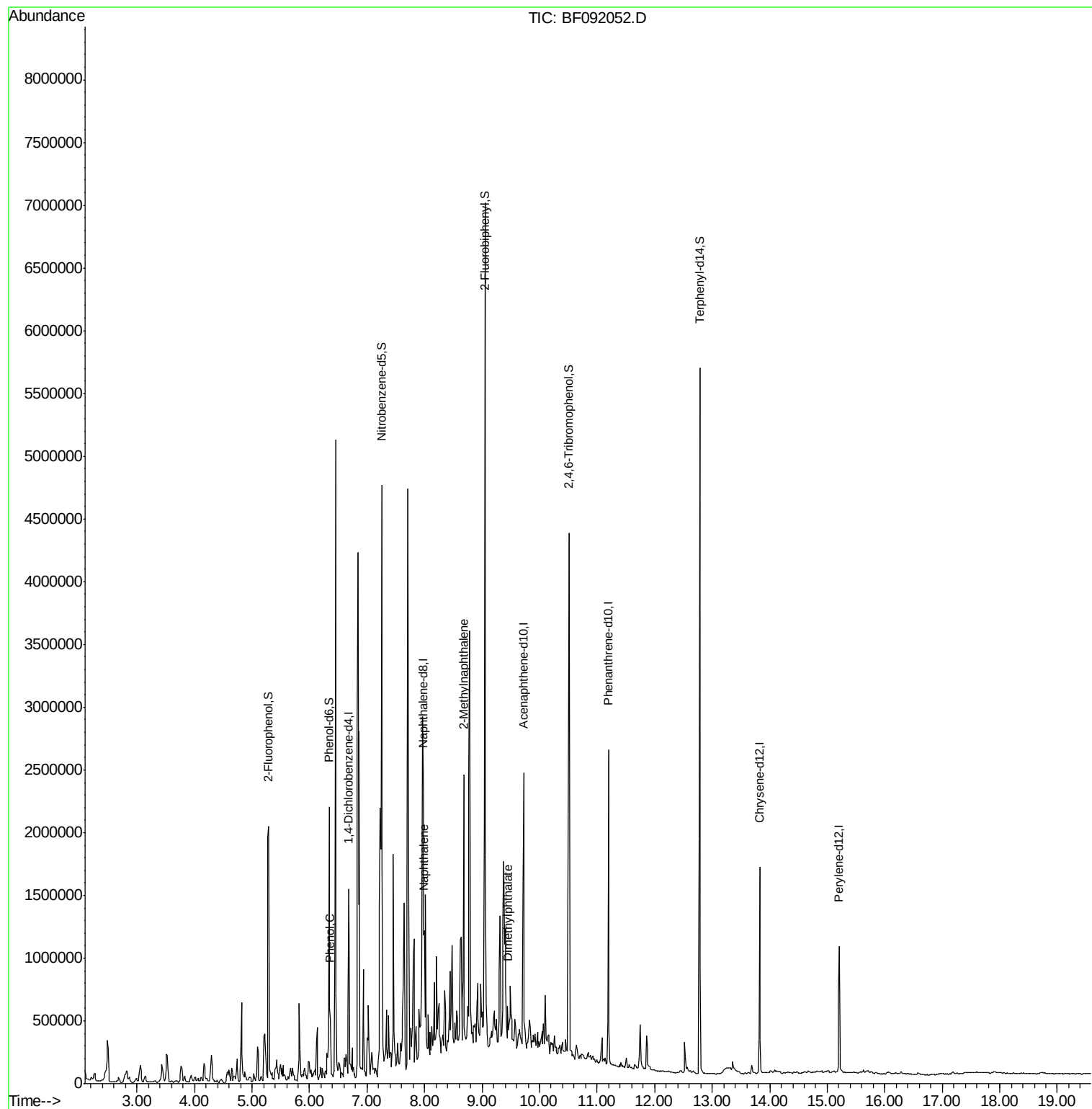
Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
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ALS Vial : 14 Sample Multiplier: 1

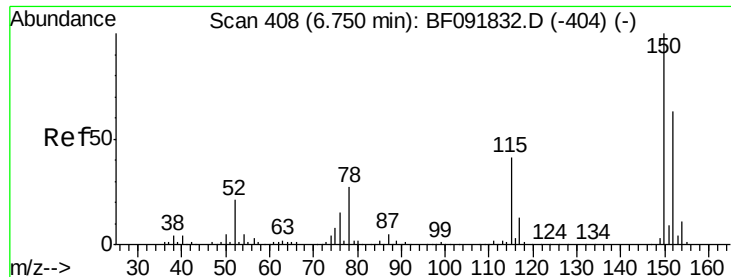
Instrument :
BNA_F
ClientSampleId :
MW-07

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Quant Time: Dec 30 22:14:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

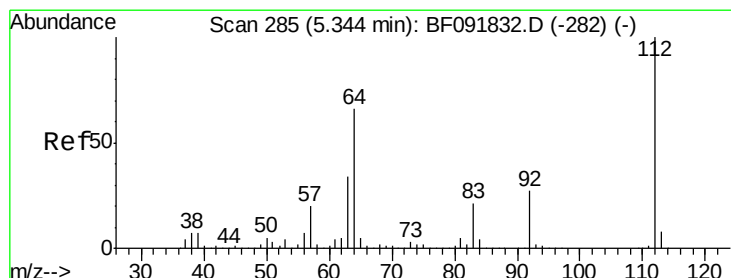
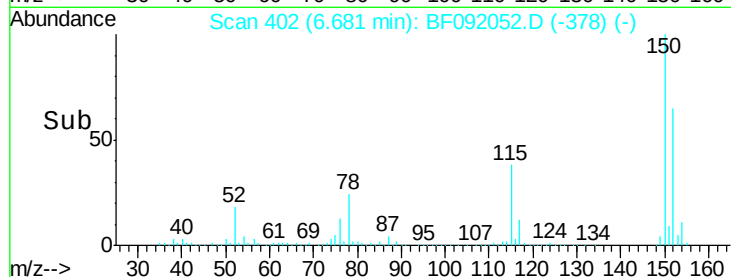
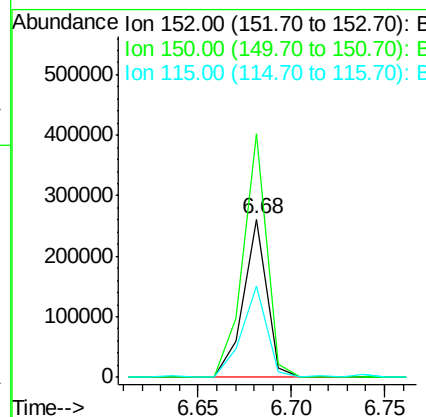
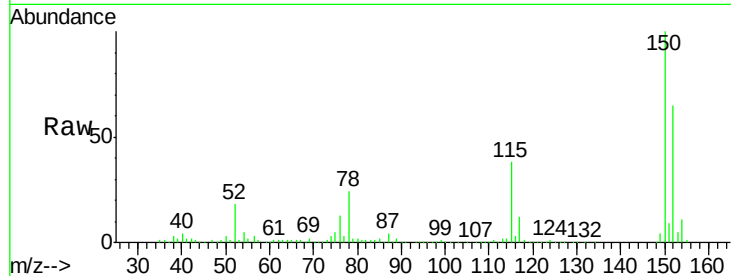
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Instrument :
BNA_F
ClientSampled :
MW-07

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.9	187.3
115	58.1	46.0	69.0

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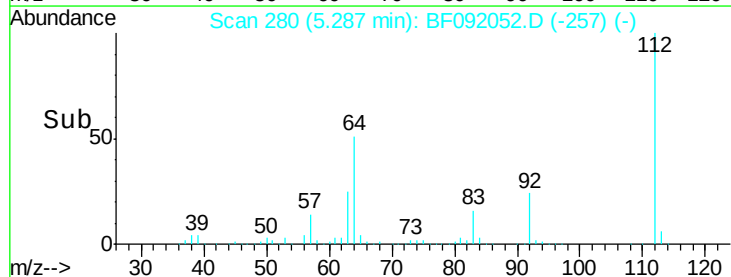
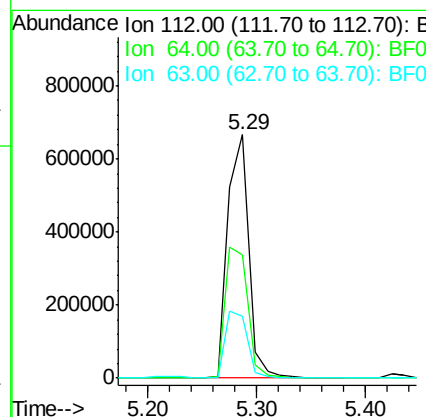
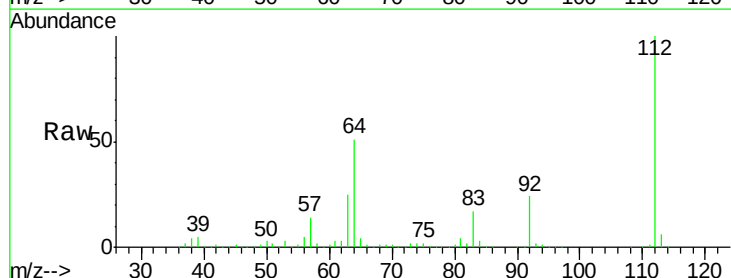
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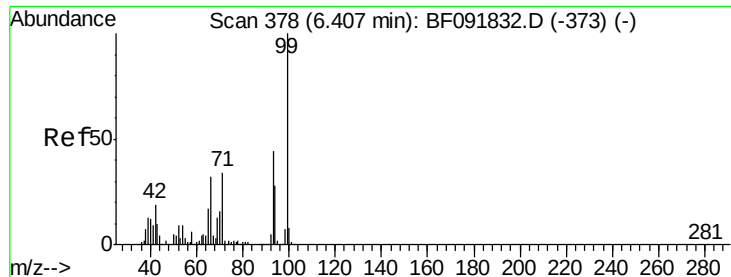


#5

2-Fluorophenol
Concen: 64.43 ng
RT: 5.29 min Scan# 280
Delta R.T. -0.03 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	46.1	69.1
63	25.5	23.8	35.6





#7

Phenol-d6

Concen: 42.10 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Instrument :

BNA_F

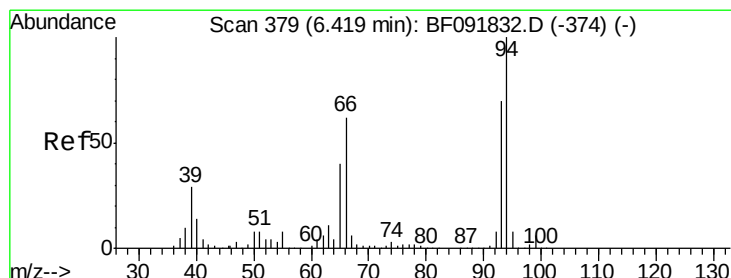
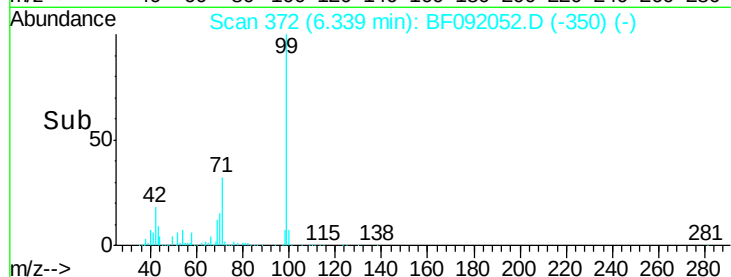
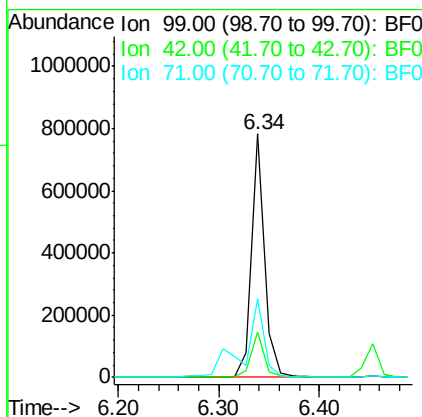
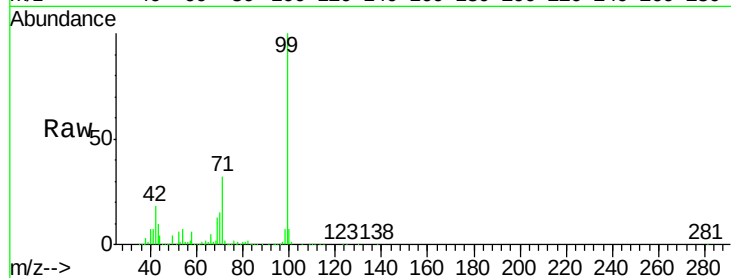
ClientSampled :

MW-07

Tot Ion:	99	Resp:	710127
Ion Ratio	Lower	Upper	
99	100		
42	18.4	15.6	23.4
71	32.1	27.5	41.3

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#10

Phenol

Concen: 2.40 ng

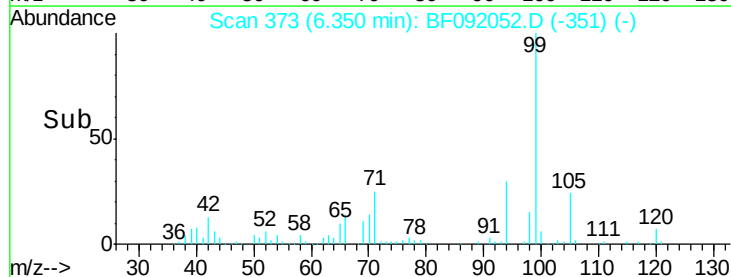
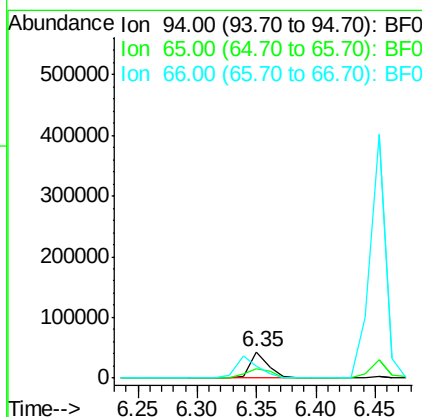
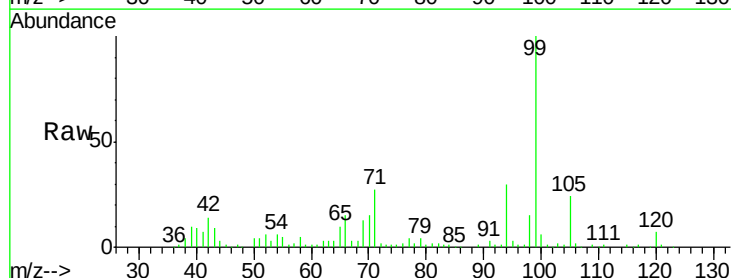
RT: 6.35 min Scan# 373

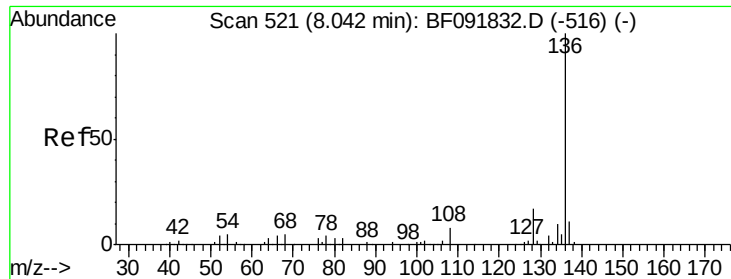
Delta R.T. -0.05 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Tgt Ion:	94	Resp:	46095
Ion Ratio	Lower	Upper	
94	100		
65	33.9	21.4	61.4
66	47.8	44.0	84.0





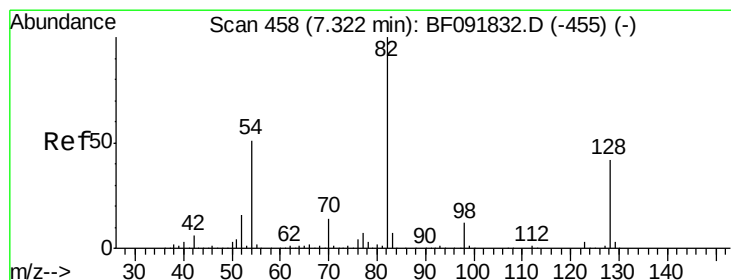
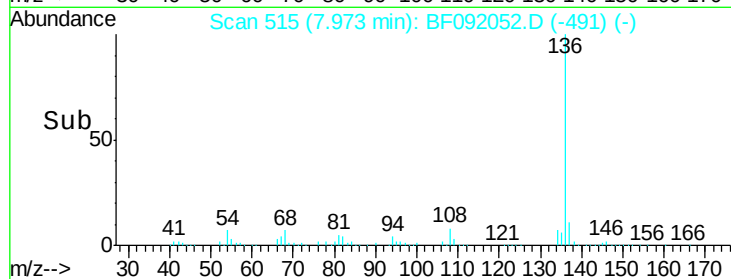
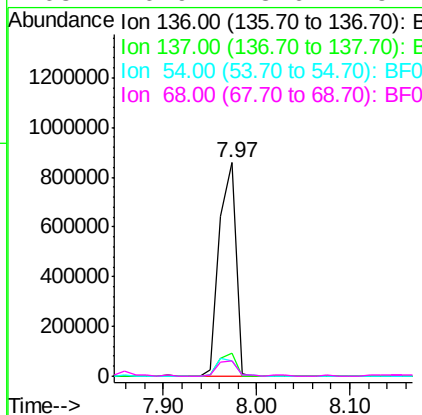
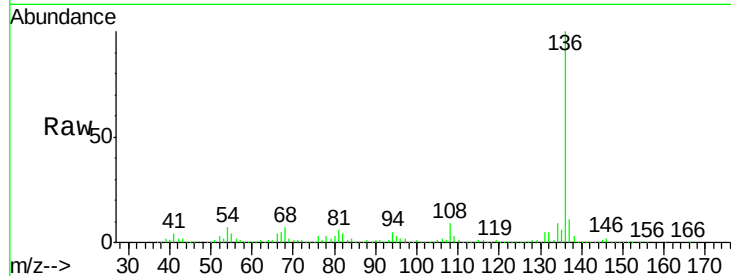
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Instrument :
BNA_F
ClientSampleId :
MW-07

Tot Ion	136	Resp	1063970
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.2	4.5	6.7#
68	6.9	3.6	5.4#

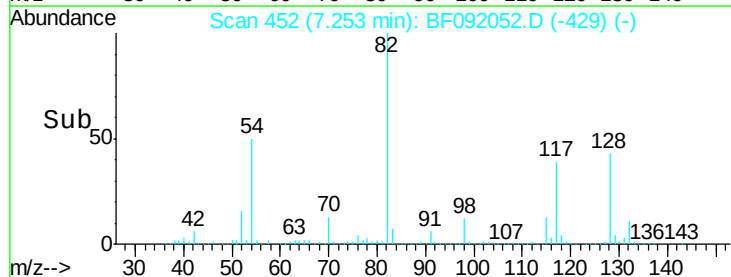
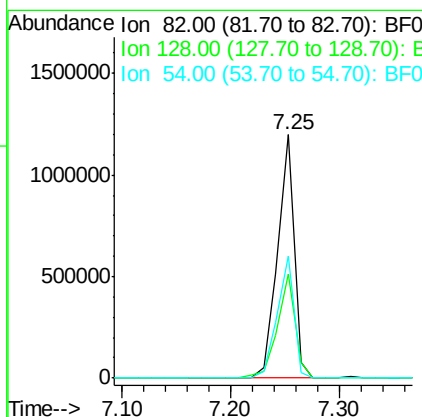
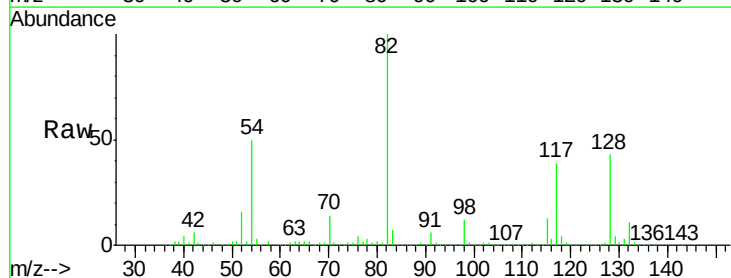
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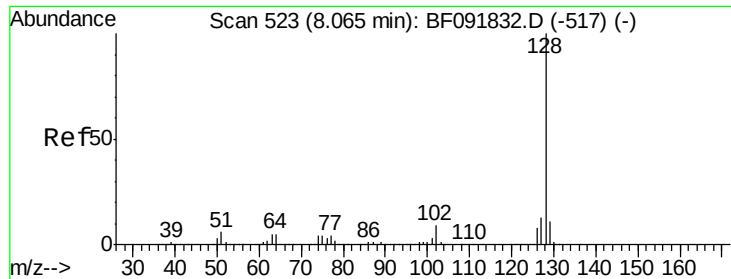
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#23
Nitrobenzene-d5
Concen: 66.55 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Tgt Ion	82	Resp	1273425
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	50.2	39.5	59.3





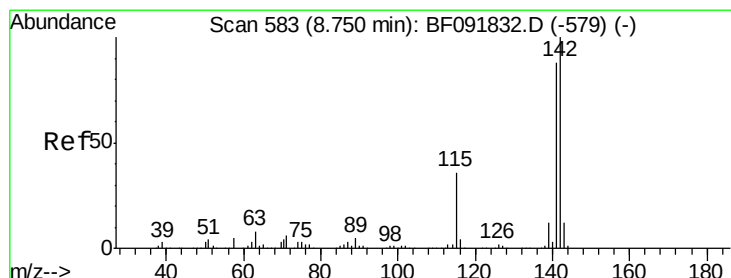
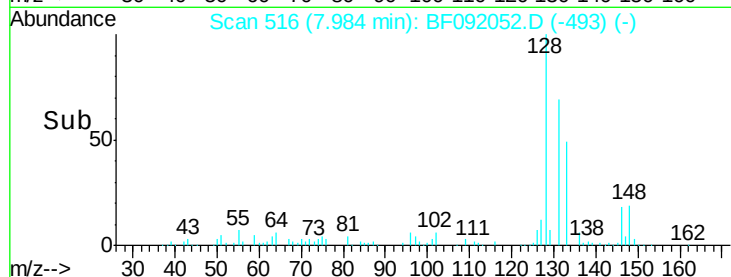
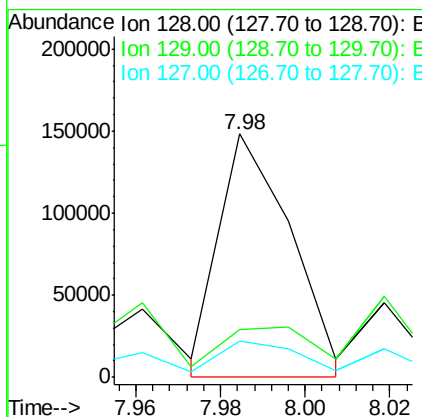
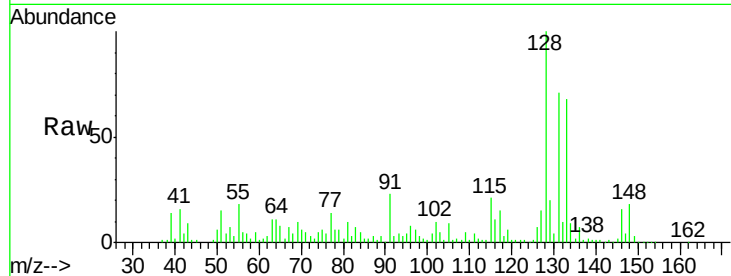
#31
Naphthalene
Concen: 3.59 ng/ml
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Instrument :
BNA_F
ClientSampleId :
MW-07

Tot Ion	Ratio	Lower	Upper
128	100		
129	19.5	9.5	14.3
127	14.9	10.8	16.2

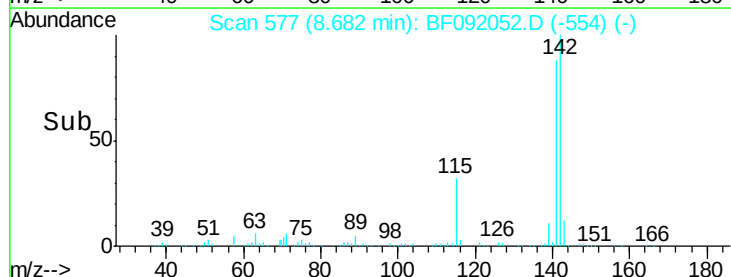
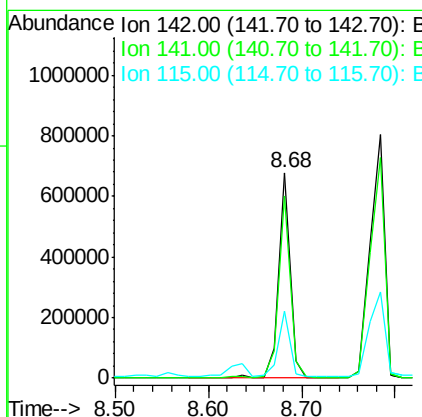
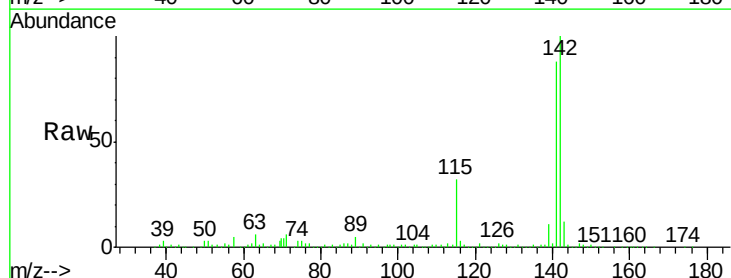
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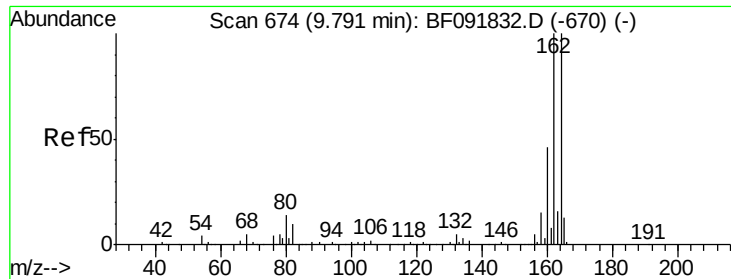
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#37
2-Methylnaphthalene
Concen: 15.80 ng/ml
RT: 8.68 min Scan# 577
Delta R.T. -0.03 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	32.4	28.3	42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Instrument :

BNA_F

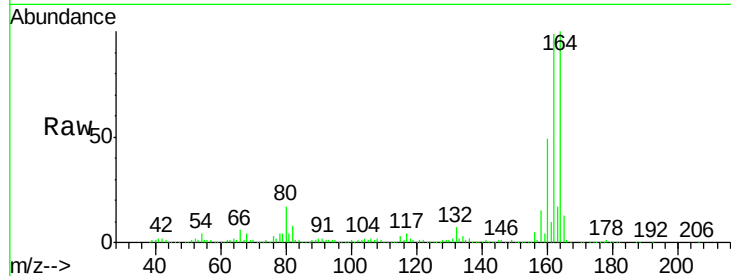
ClientSampleId :

MW-07

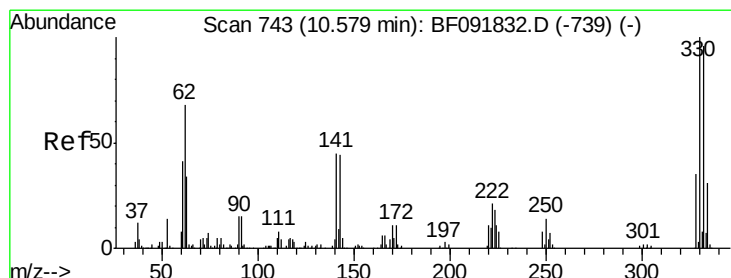
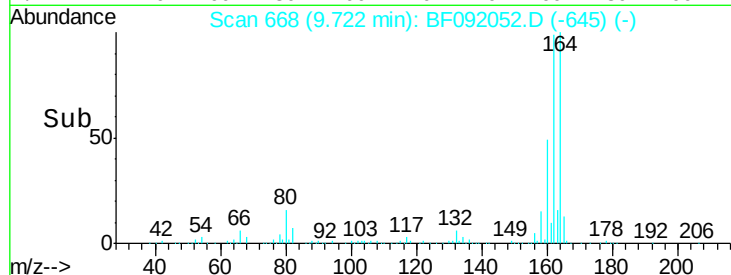
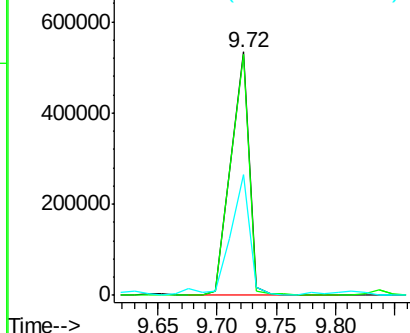
Tot Ion:	164	Resp:	570238
Ion Ratio	Lower	Upper	
164	100		
162	99.3	80.2	120.2
160	49.4	36.9	55.3

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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: 109.21 ng

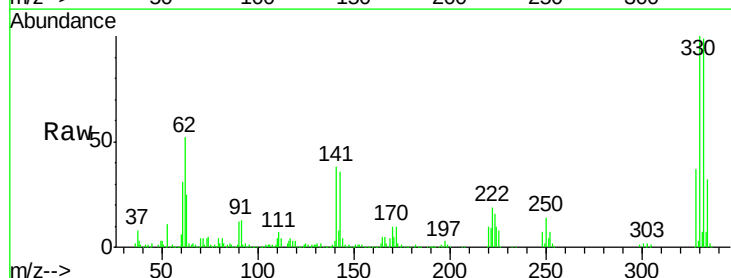
RT: 10.51 min Scan# 737

Delta R.T. -0.03 min

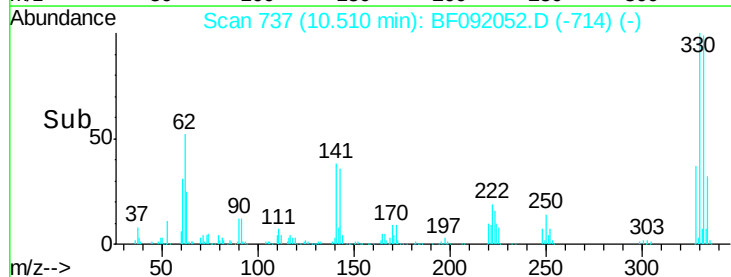
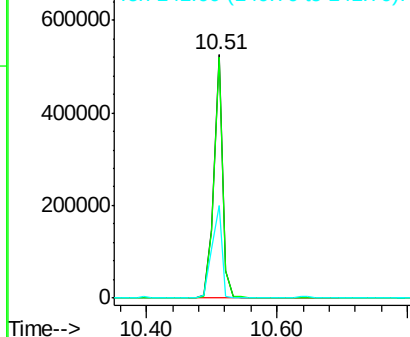
Lab File: BF092052.D

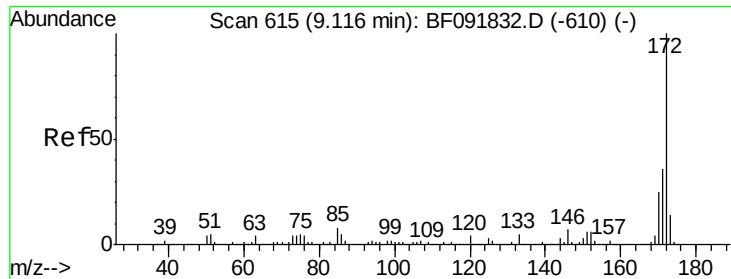
Acq: 30 Dec 2016 18:22

Tgt Ion:	330	Resp:	515368
Ion Ratio	Lower	Upper	
330	100		
332	98.7	77.4	116.2
141	42.5	34.1	51.1



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





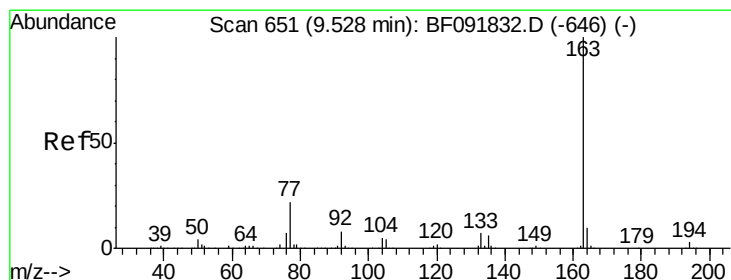
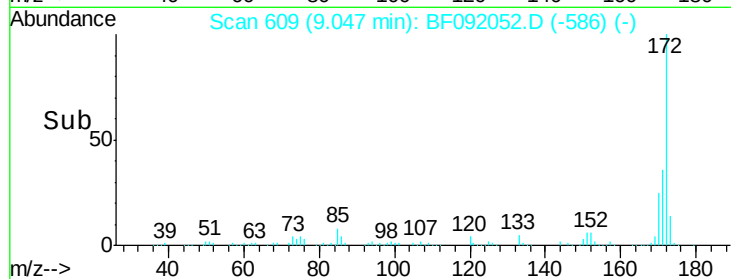
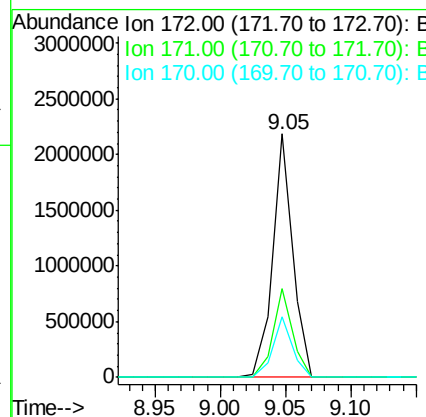
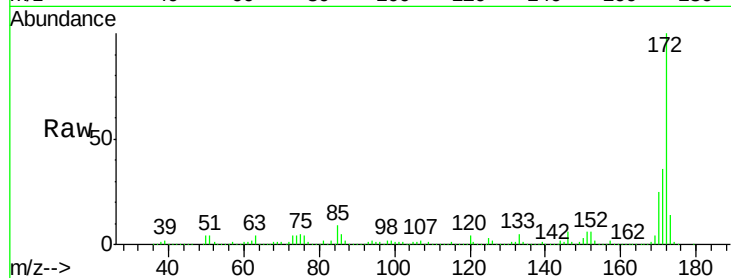
#44
2-Fluorobiphenyl
Concen: 84.81 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Instrument :
BNA_F
ClientSampled :
MW-07

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	25.0	20.2	30.4

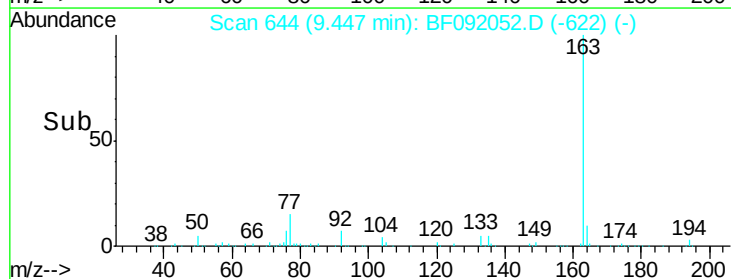
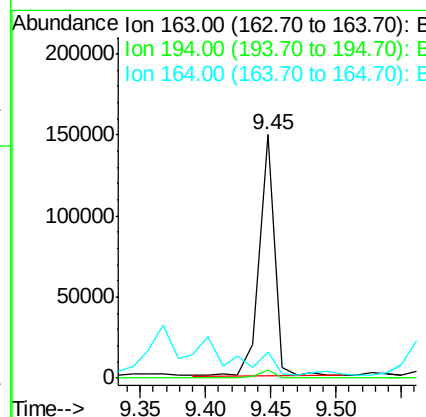
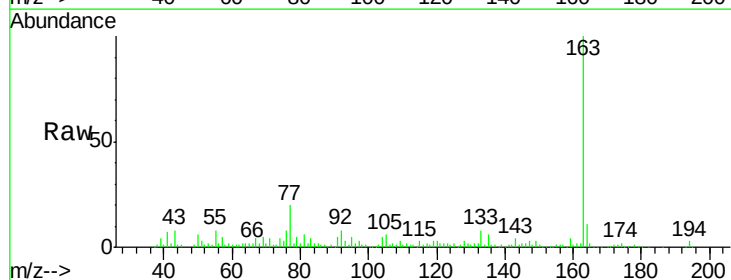
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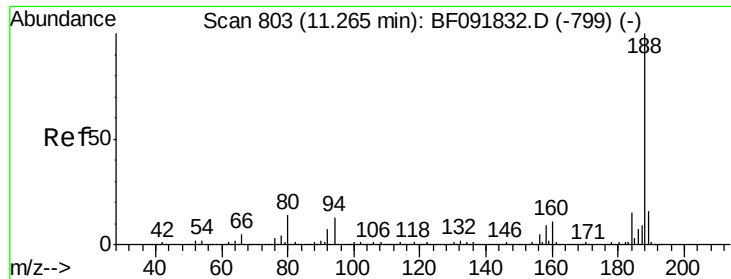
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#49
Dimethylphthalate
Concen: 3.40 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.9	8.0	12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Instrument :

BNA_F

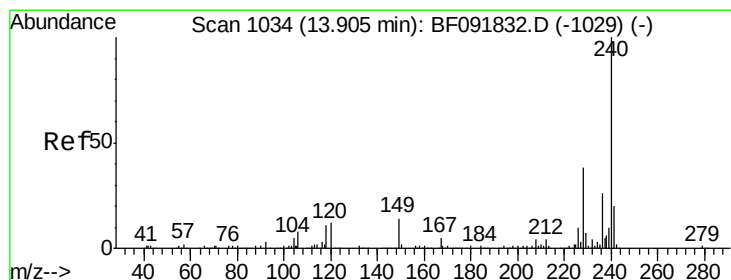
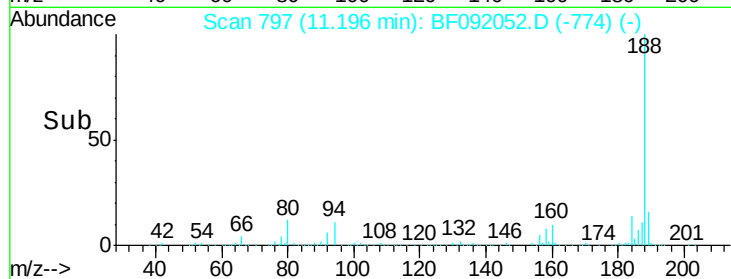
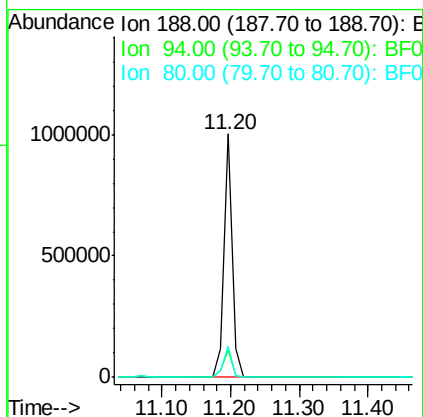
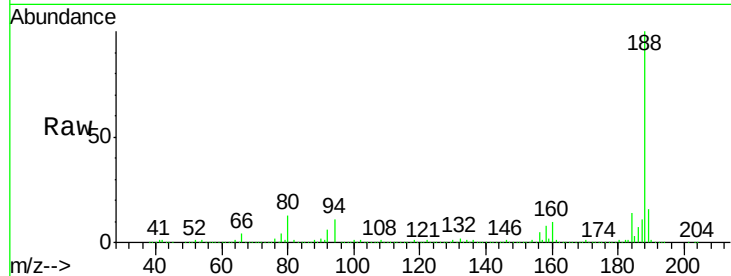
ClientSampled :

MW-07

Tot Ion:	188	Resp:	863512
Ion Ratio	Lower	Upper	
188	100		
94	11.3	10.0	15.0
80	12.6	11.2	16.8

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#75

Chrysene-d12

Concen: 20.00 ng

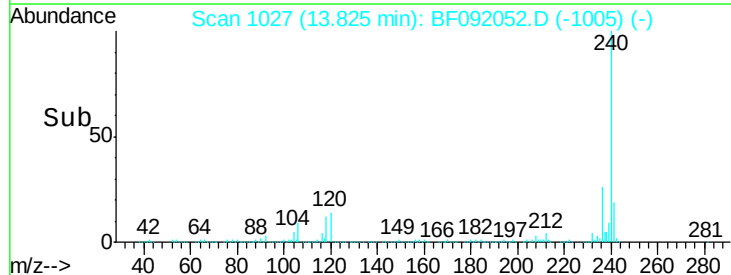
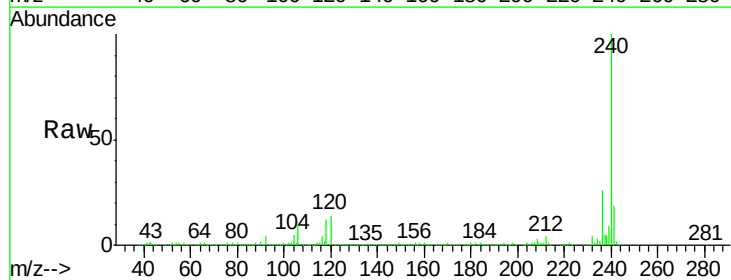
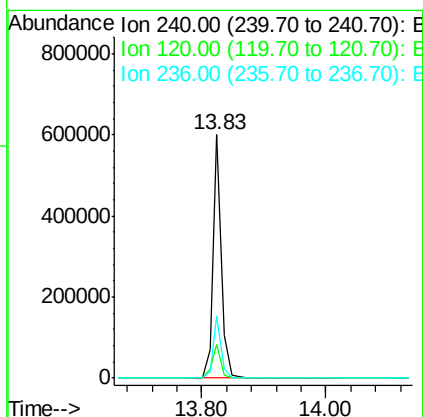
RT: 13.83 min Scan# 1027

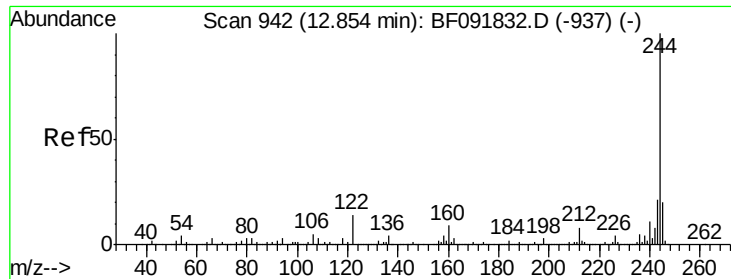
Delta R.T. -0.05 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Tgt Ion:	240	Resp:	546263
Ion Ratio	Lower	Upper	
240	100		
120	13.9	12.9	19.3
236	25.5	20.9	31.3





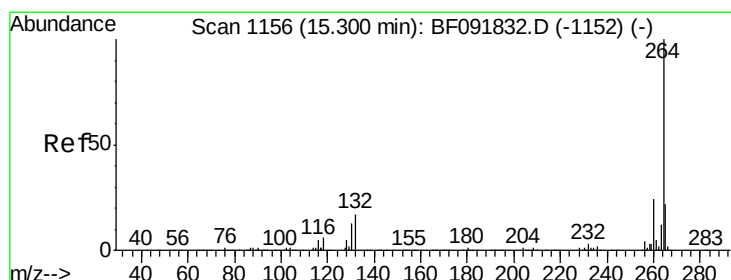
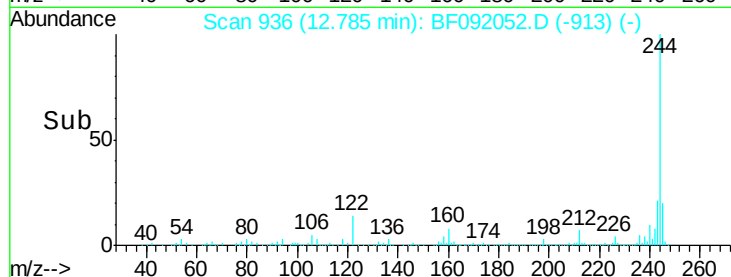
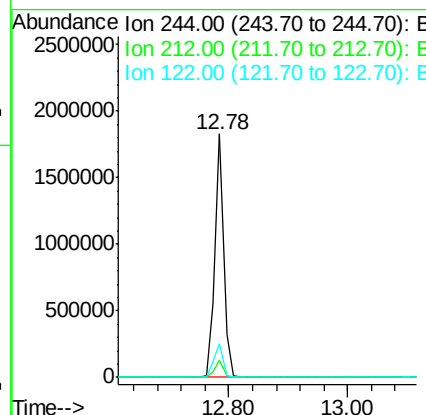
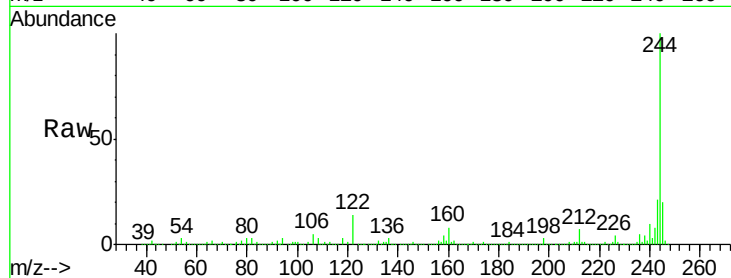
#78
 Terphenyl-d14
 Concen: 83.84 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: BF092052.D
 Acq: 30 Dec 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	14.0	11.4	17.2

Manual Integrations
 APPROVED

mohammad
 1/3/2017 9:14:28 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.05 min
 Lab File: BF092052.D
 Acq: 30 Dec 2016 18:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	17.4	26.0

