

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090092.D
 Acq On : 15 Sep 2016 15:26
 Operator : UM/SJ
 Sample : H4365-02 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Manual Integrations
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Quant Time: Sep 15 15:57:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	150486	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	533722	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	275358	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	397290	20.00	ng	0.00
75) Chrysene-d12	13.68	240	168586	20.00	ng	0.01
86) Perylene-d12	15.01	264	338682	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	49748	5.32	ng	0.05
7) Phenol-d6	6.22	99	30536	2.49	ng	0.01
23) Nitrobenzene-d5	7.12	82	117542	12.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	27033	9.77	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	231717	13.22	ng	-0.01
78) Terphenyl-d14	12.64	244	103779	14.62	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.72	79	91694	13.29	ng	Qvalue 94
32) Benzoic acid	7.93	122	1202012m	171.37	ng	
45) 1,1'-Biphenyl	9.02	154	60355	2.68	ng	91

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

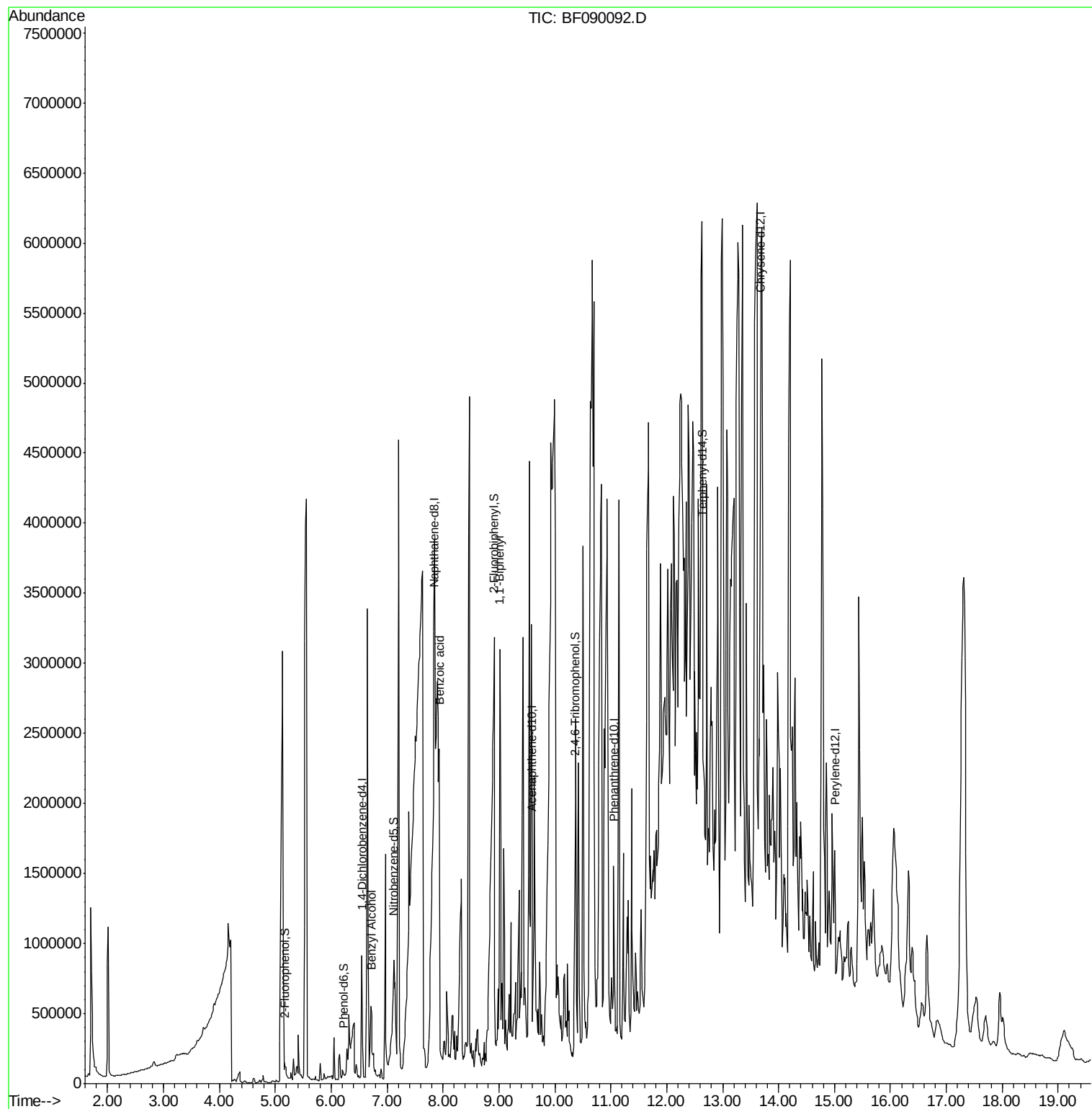
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090092.D
Acq On : 15 Sep 2016 15:26
Operator : UM/SJ
Sample : H4365-02 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

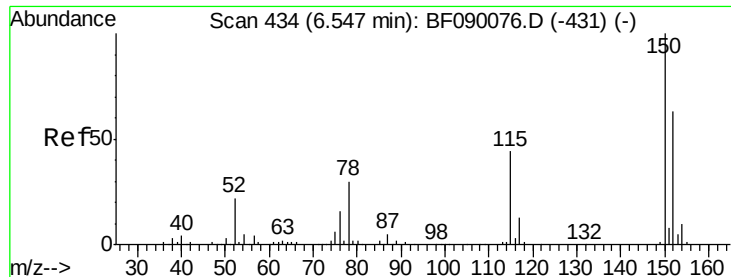
Instrument :
BNA_F
ClientSampleId :
EFF-WW

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
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#1

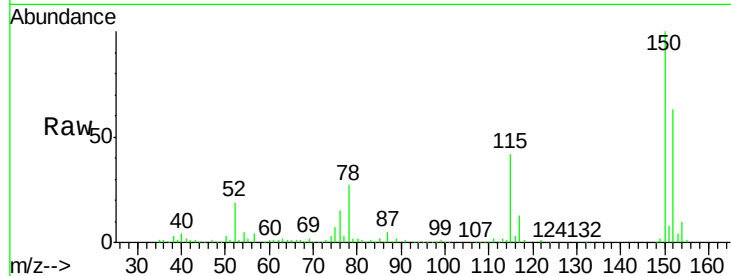
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF090092.D
Acq: 15 Sep 2016 15:26

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	150486		
150	158.2	128.9	193.3	
115	66.3	55.5	83.3	

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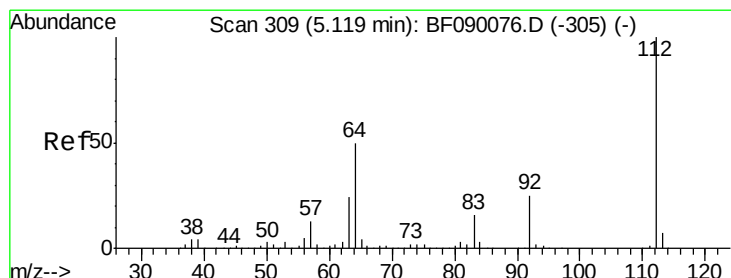
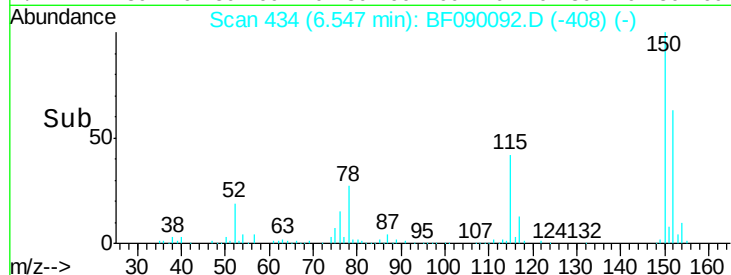
Abundance

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

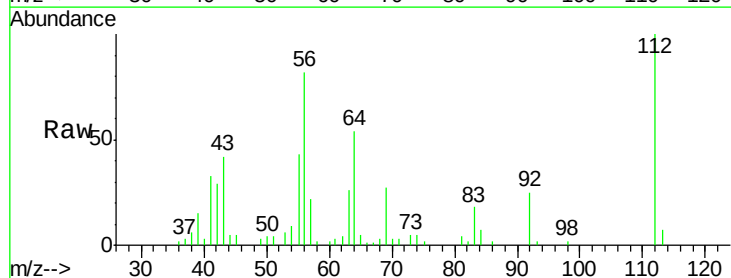
Time-->



#5

2-Fluorophenol
Concen: 5.32 ng
RT: 5.16 min Scan# 313
Delta R.T. 0.05 min
Lab File: BF090092.D
Acq: 15 Sep 2016 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	49748		
64	53.6	39.8	59.6	
63	25.8	18.9	28.3	



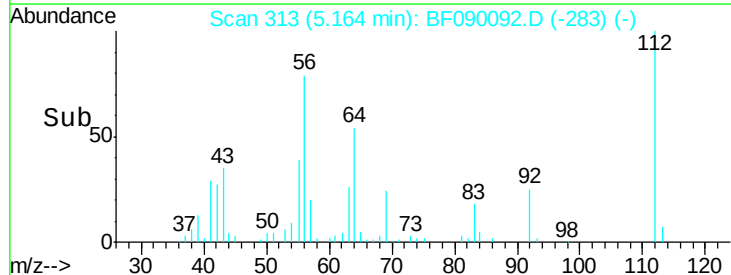
Abundance

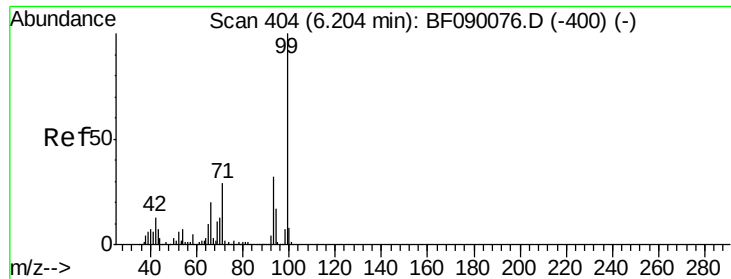
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 2.49 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF090092.D

Acq: 15 Sep 2016 15:26

Instrument :

BNA_F

ClientSampled :

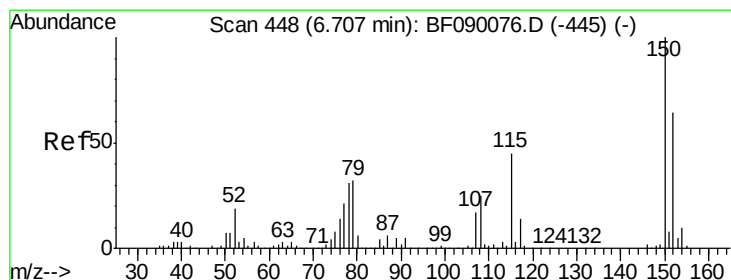
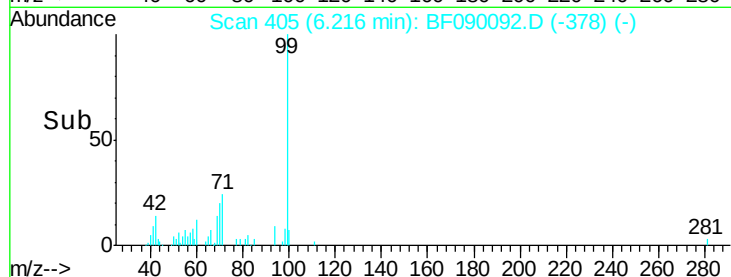
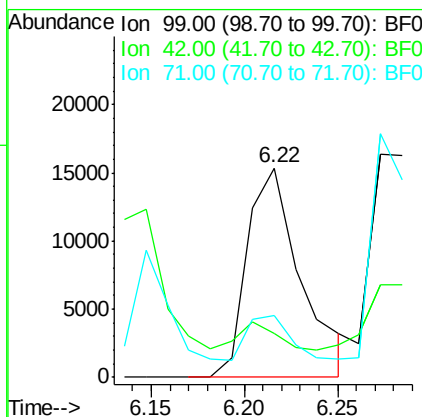
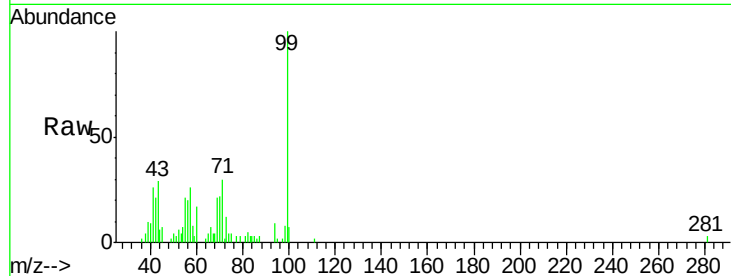
EFF-WW

Tgt Ion: 99 Resp: 30536

Ion	Ratio	Lower	Upper
99	100		
42	21.2	10.6	15.8#
71	29.5	23.0	34.6

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#15

Benzyl Alcohol

Concen: 13.29 ng

RT: 6.72 min Scan# 449

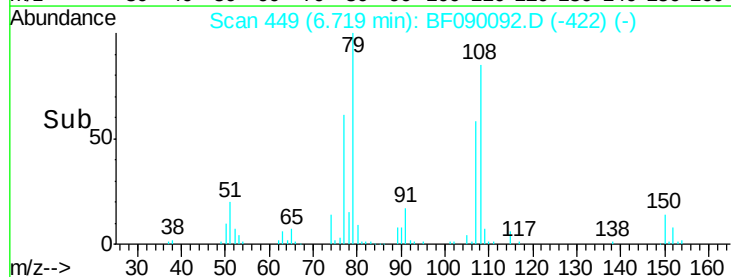
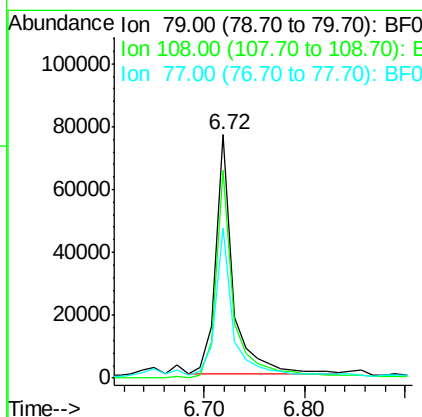
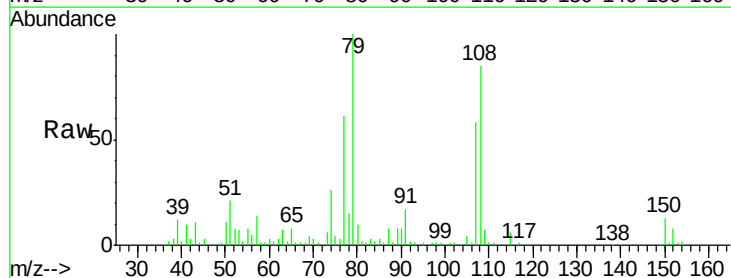
Delta R.T. 0.01 min

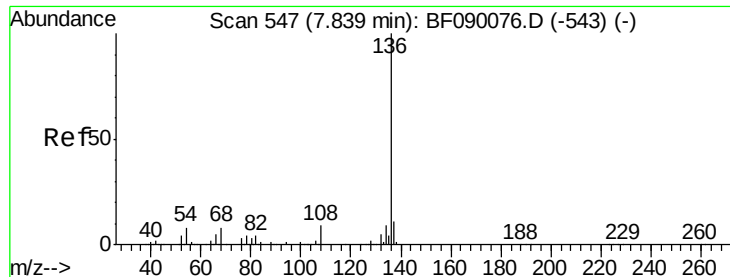
Lab File: BF090092.D

Acq: 15 Sep 2016 15:26

Tgt Ion: 79 Resp: 91694

Ion	Ratio	Lower	Upper
79	100		
108	85.1	62.2	93.4
77	61.4	51.4	77.0





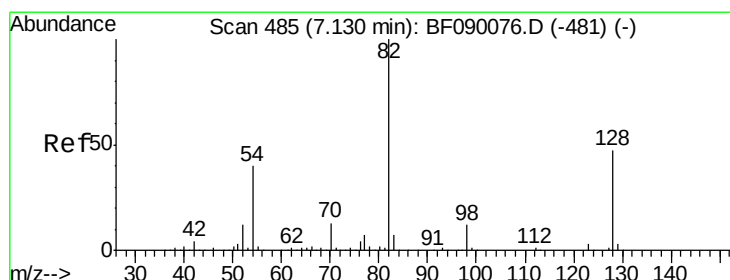
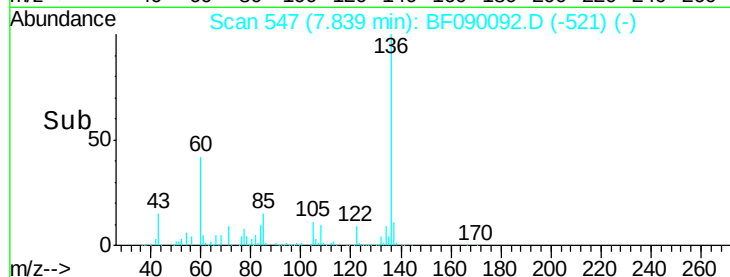
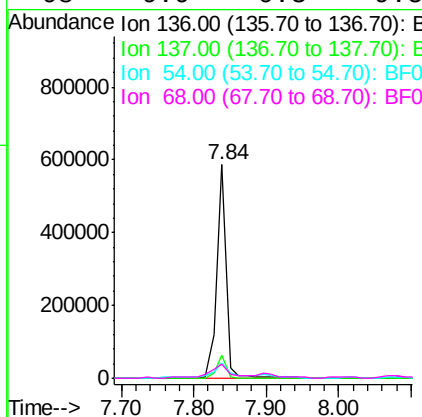
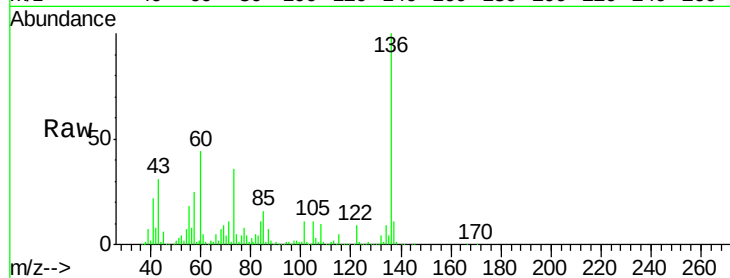
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF090092.D
Acq: 15 Sep 2016 15:26

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	533722		
137	11.0	9.0	13.4	
54	7.3	6.4	9.6	
68	6.9	6.3	9.5	

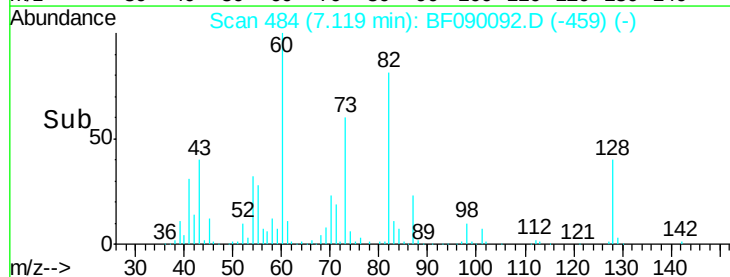
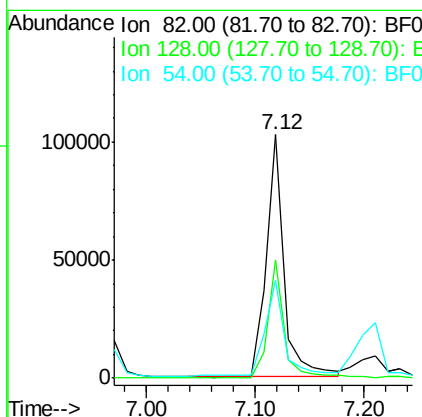
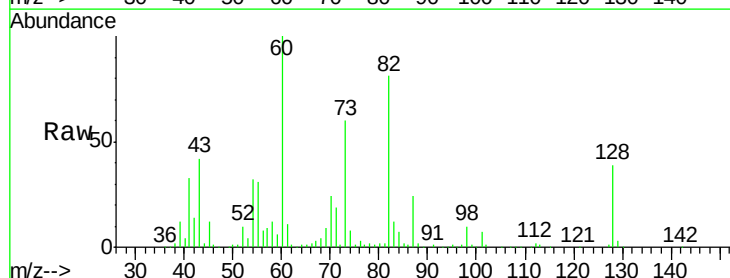
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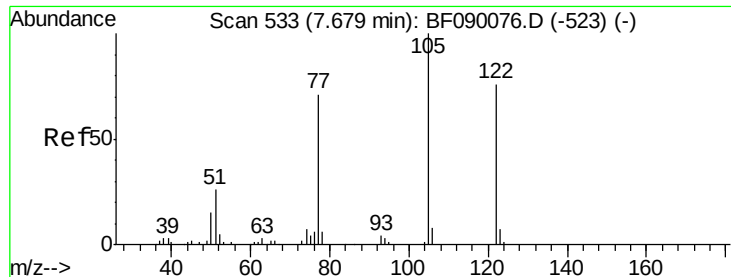
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#23
Nitrobenzene-d5
Concen: 12.38 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF090092.D
Acq: 15 Sep 2016 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	117542		
128	48.6	37.5	56.3	
54	39.9	31.9	47.9	





#32

Benzoic acid

Concen: 171.37 ng m

RT: 7.93 min Scan# 555

Delta R.T. 0.25 min

Lab File: BF090092.D

Acq: 15 Sep 2016 15:26

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tgt Ion:122 Resp: 1202012

Ion Ratio Lower Upper

122 100

105 121.7 105.0 145.0

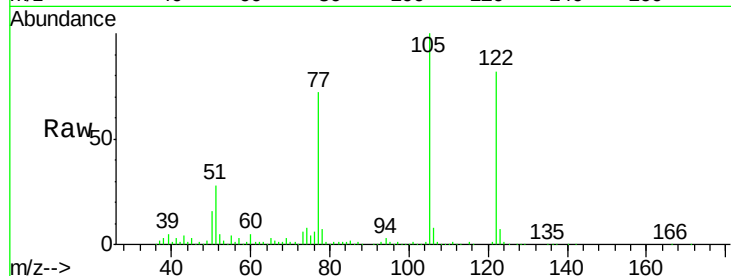
77 88.2 70.4 110.4

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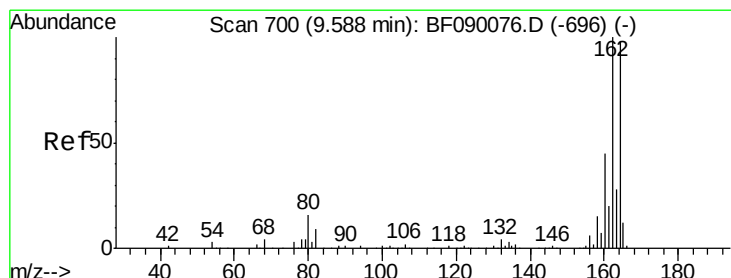
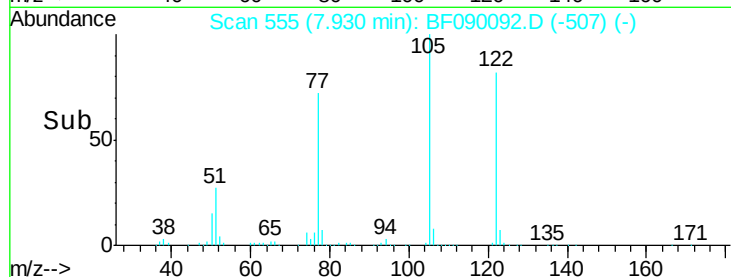
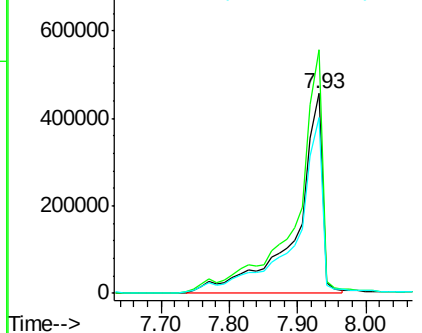
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF090092.D

Acq: 15 Sep 2016 15:26

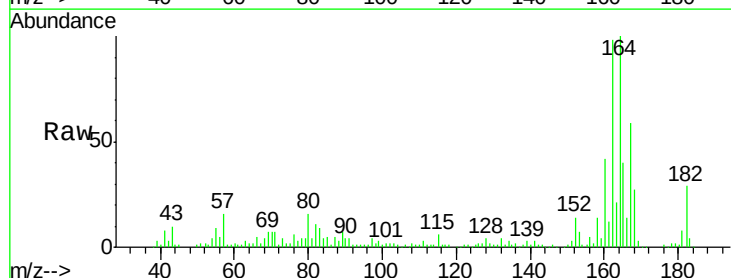
Tgt Ion:164 Resp: 275358

Ion Ratio Lower Upper

164 100

162 97.7 81.4 122.2

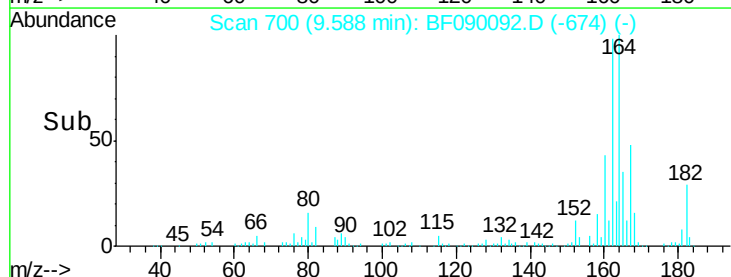
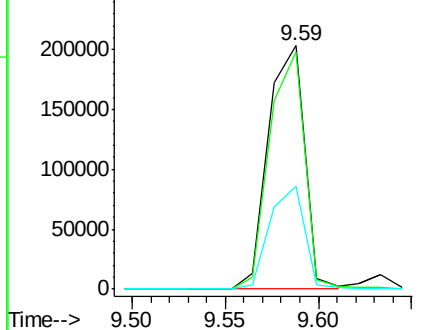
160 42.3 36.6 54.8

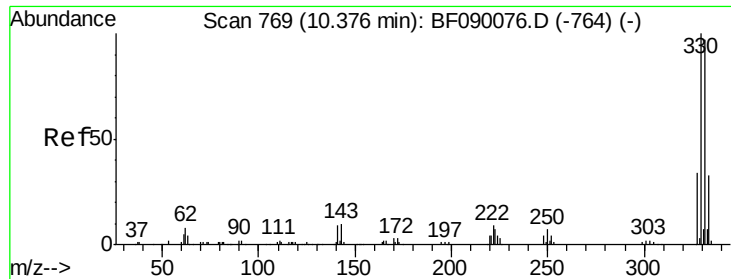


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





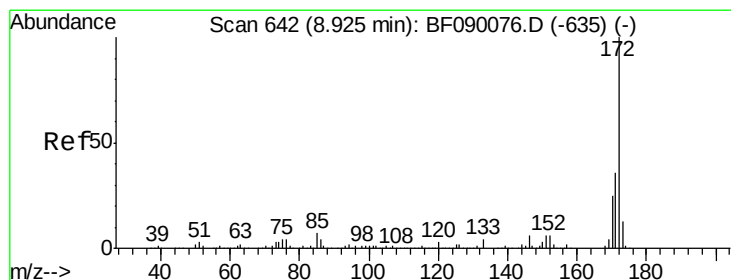
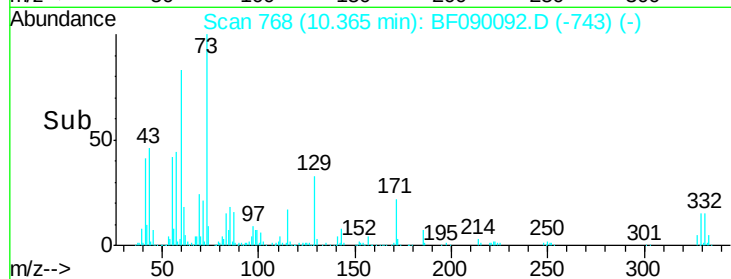
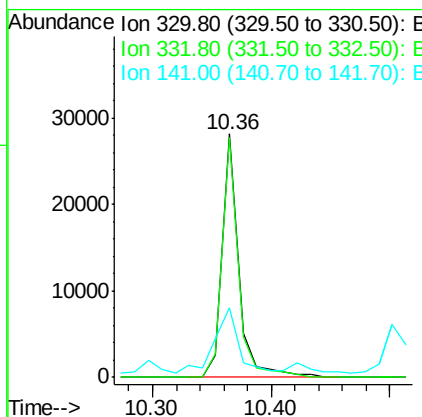
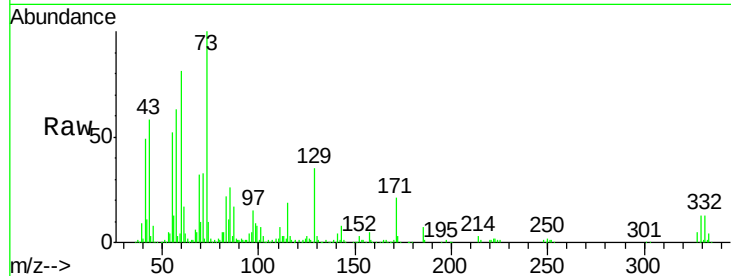
#41
 2,4,6-Tribromophenol
 Concen: 9.77 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090092.D
 Acq: 15 Sep 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	27033		
332	96.3	78.1	117.1	
141	42.8	23.9	35.9#	

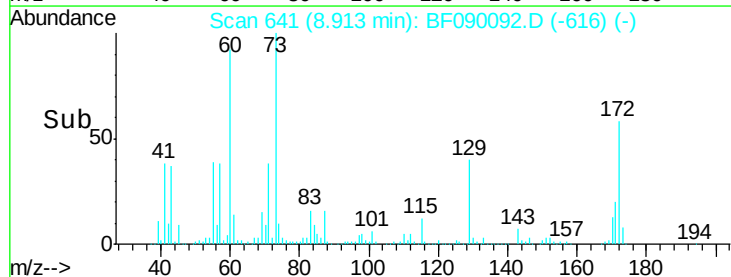
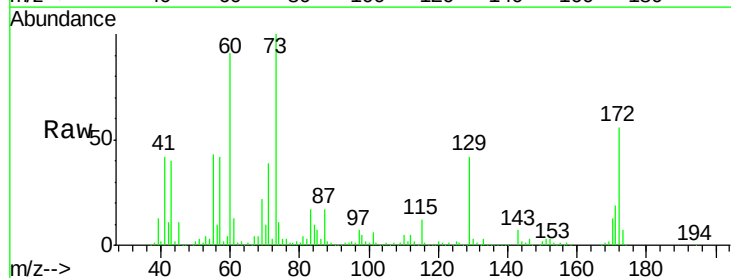
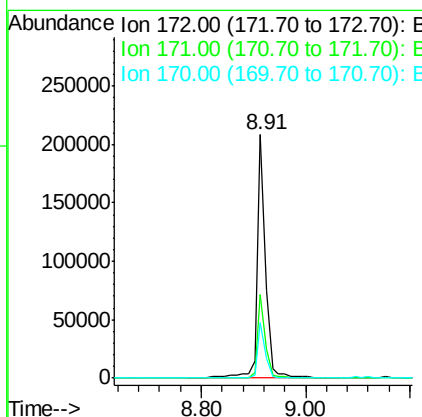
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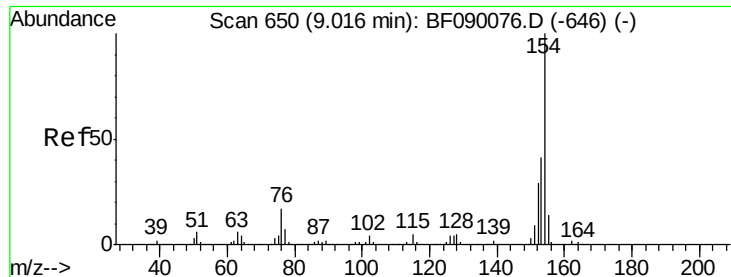
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#44
 2-Fluorobiphenyl
 Concen: 13.22 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090092.D
 Acq: 15 Sep 2016 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	231717		
171	34.3	29.2	43.8	
170	22.7	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 2.68 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF090092.D

Acq: 15 Sep 2016 15:26

Instrument :

BNA_F

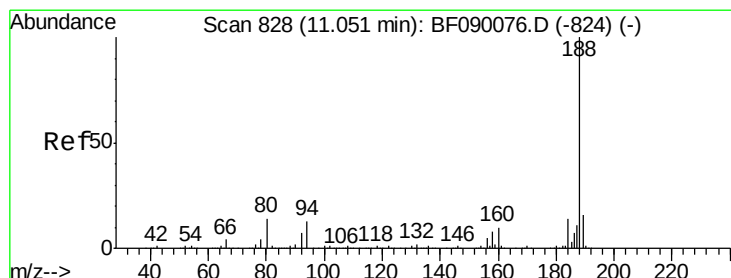
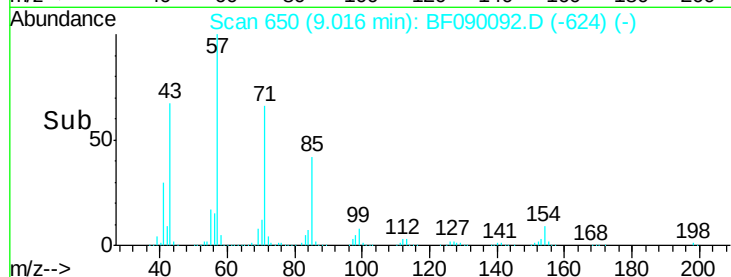
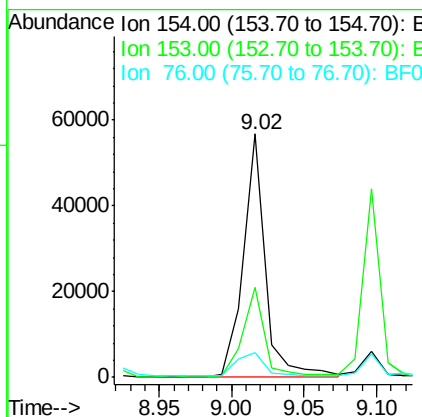
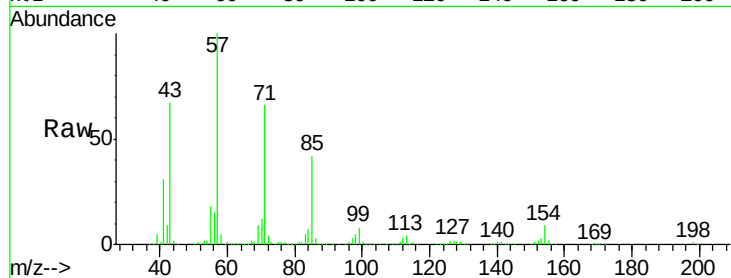
ClientSampled :

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Tgt Ion:	154	Resp:	60355
Ion Ratio	Lower	Upper	
154	100		
153	36.8	20.6	60.6
76	10.0	0.0	36.7

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#63

Phenanthrene-d10

Concen: 20.00 ng

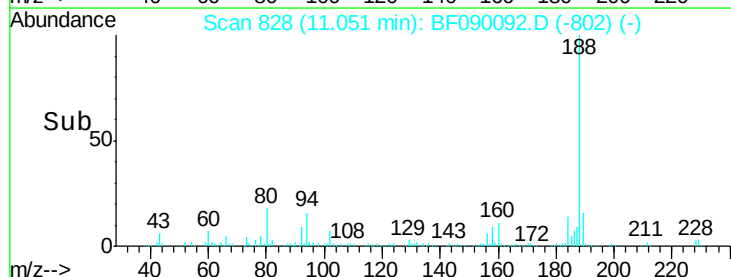
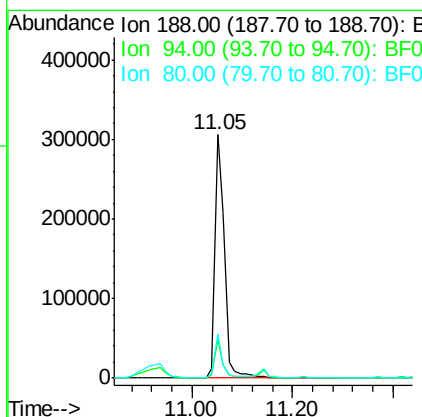
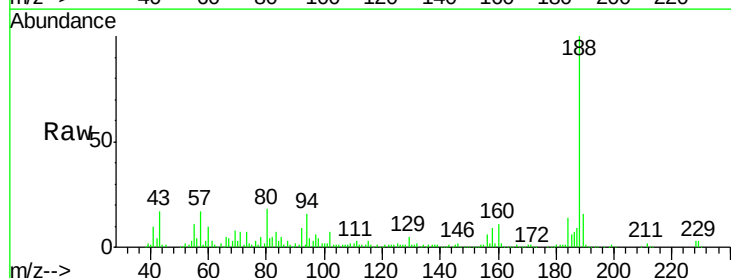
RT: 11.05 min Scan# 828

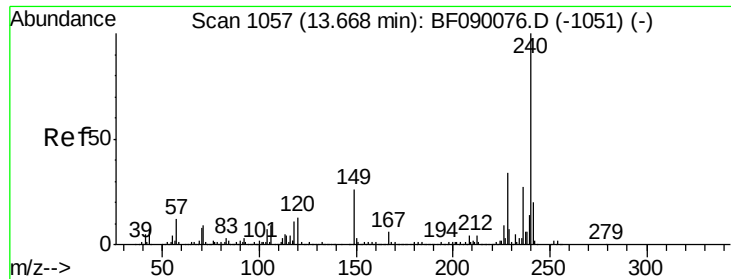
Delta R.T. 0.00 min

Lab File: BF090092.D

Acq: 15 Sep 2016 15:26

Tgt Ion:	188	Resp:	397290
Ion Ratio	Lower	Upper	
188	100		
94	16.0	10.5	15.7#
80	17.8	11.2	16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF090092.D

Acq: 15 Sep 2016 15:26

Instrument :

BNA_F

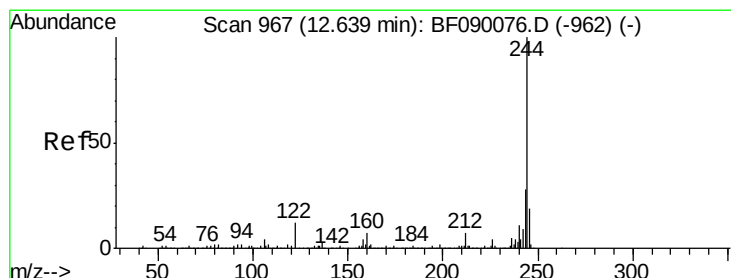
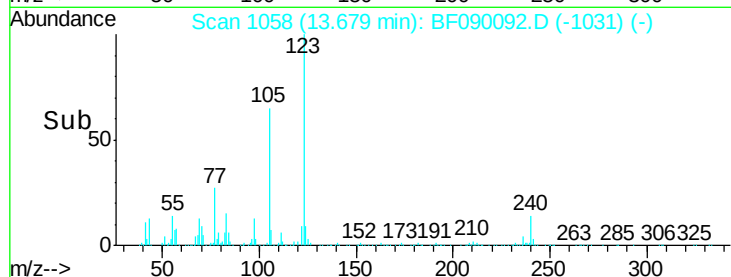
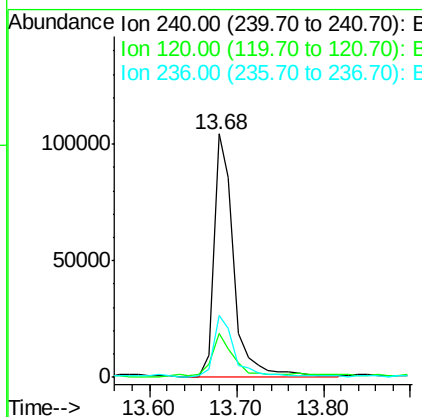
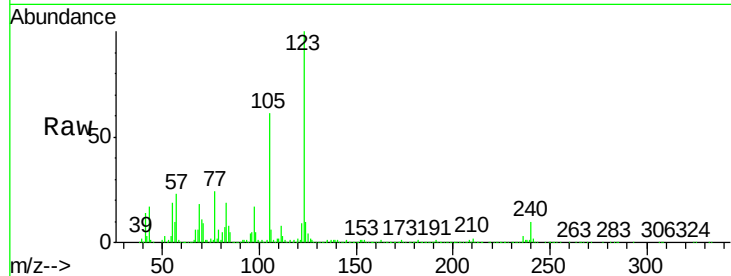
ClientSampled :

EFF-WW

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	168586		
120	18.0	10.6	16.0	#
236	25.4	21.6	32.4	

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#78

Terphenyl-d14

Concen: 14.62 ng

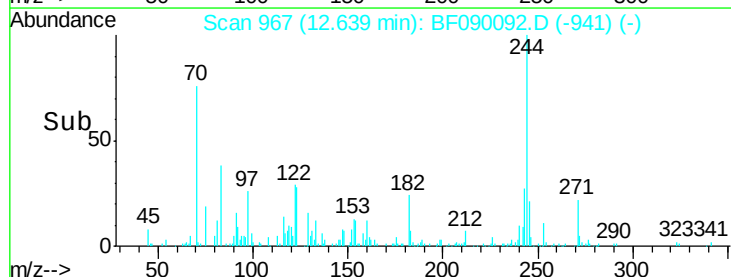
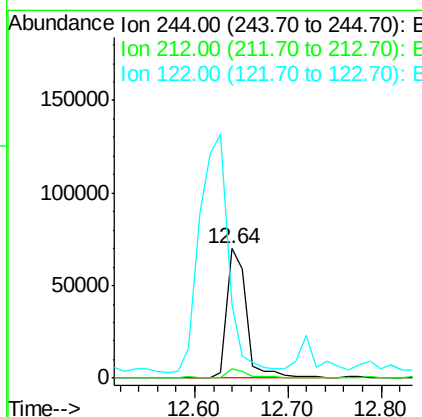
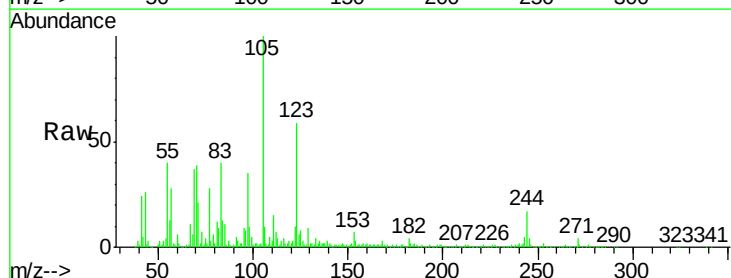
RT: 12.64 min Scan# 967

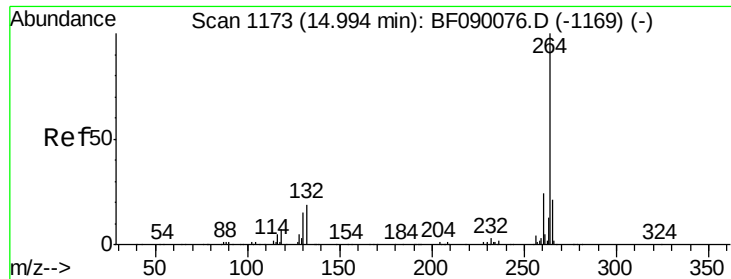
Delta R.T. 0.00 min

Lab File: BF090092.D

Acq: 15 Sep 2016 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	103779		
212	7.6	5.8	8.8	
122	56.6	9.4	14.0	#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF090092.D
Acq: 15 Sep 2016 15:26

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.7	19.5	29.3		
265	21.8	17.0	25.4		

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