

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091059.D
 Acq On : 7 Nov 2016 16:45
 Operator : UM/SJ
 Sample : H5536-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW08-GW

Manual Integrations
 APPROVED

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 11/8/2016 4:31:54 PM

Quant Time: Nov 08 10:29:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 00:06:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	166385	20.00	ng	0.01
21) Naphthalene-d8	7.97	136	558582	20.00	ng	0.01
38) Acenaphthene-d10	9.71	164	333737	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	561148	20.00	ng	0.00
75) Chrysene-d12	13.83	240	472278	20.00	ng	0.00
86) Perylene-d12	15.20	264	397764	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	57617	5.72	ng	0.03
7) Phenol-d6	6.35	99	541388	39.59	ng	0.02
23) Nitrobenzene-d5	7.25	82	676870	66.10	ng	0.01
41) 2,4,6-Tribromophenol	10.51	330	439684	145.73	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1637005	84.45	ng	0.00
78) Terphenyl-d14	12.79	244	1847241	97.61	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.12	107	180217	15.78	ng	Qvalue 87
27) 2,4-Dimethylphenol	7.66	122	1316115m	166.29	ng	
31) Naphthalene	8.01	128	6804330	254.71	ng	96
37) 2-Methylnaphthalene	8.68	142	1528279	88.99	ng	98

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

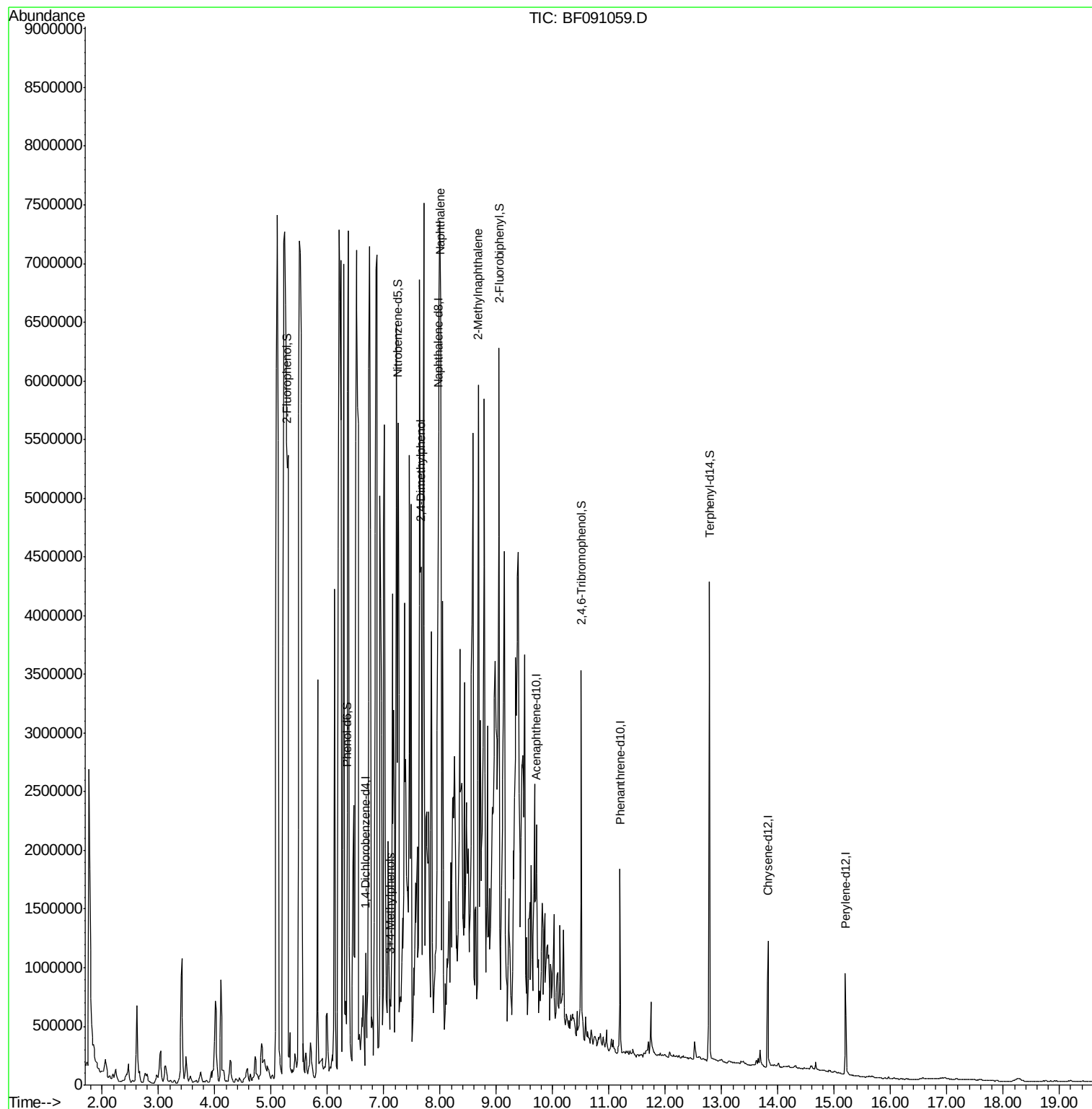
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

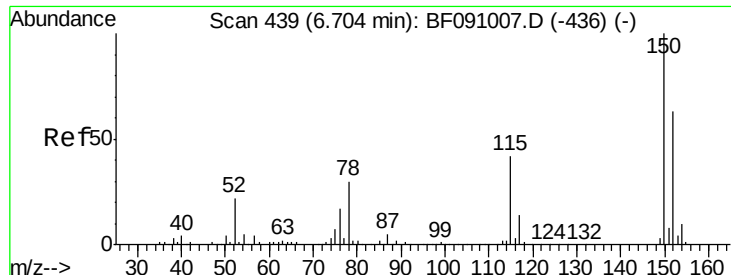
Instrument :
BNA_F
ClientSampleId :
RMAB-MW08-GW

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#1

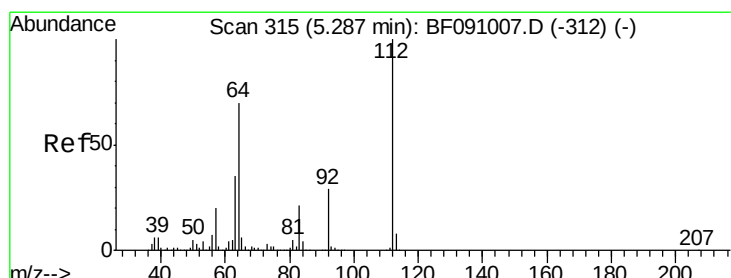
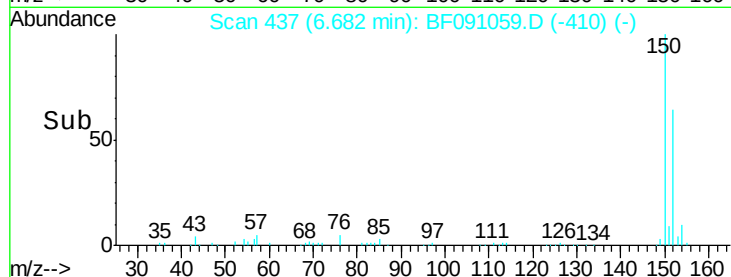
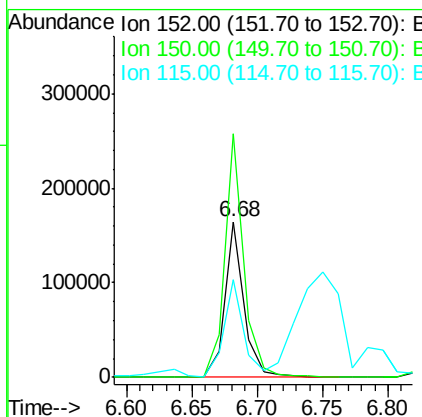
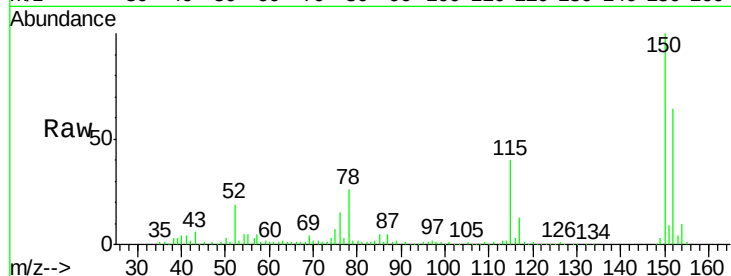
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 437
Delta R.T. 0.01 min
Lab File: BF091059.D
Acq: 7 Nov 2016 16:45

Instrument :
BNA_F
ClientSampleId :
RMAB-MW08-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.8	190.2
115	63.3	53.3	79.9

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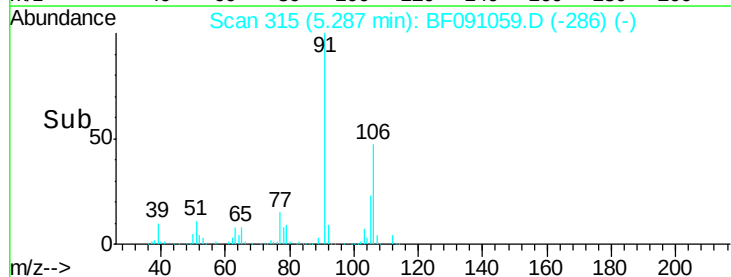
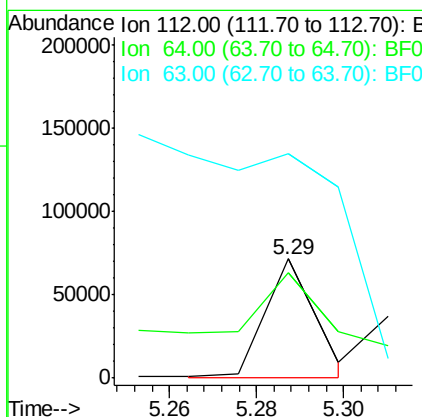
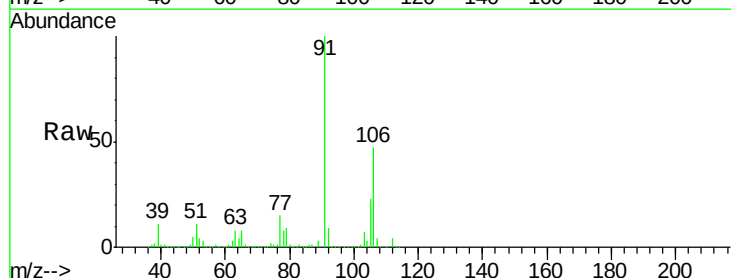
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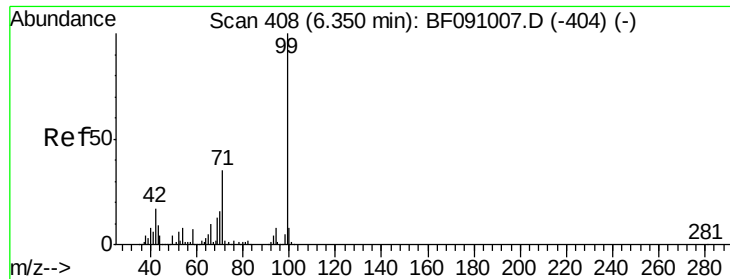


#5

2-Fluorophenol
Concen: 5.72 ng
RT: 5.29 min Scan# 315
Delta R.T. 0.03 min
Lab File: BF091059.D
Acq: 7 Nov 2016 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	88.4	55.8	83.6#
63	188.8	28.0	42.0#





#7

Phenol-d6

Concen: 39.59 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.02 min

Lab File: BF091059.D

Acq: 7 Nov 2016 16:45

Instrument :

BNA_F

ClientSampleId :

RMAB-MW08-GW

Tot Ion: 99 Resp: 541388

Ion Ratio Lower Upper

99 100

42 13.9 13.9 20.9#

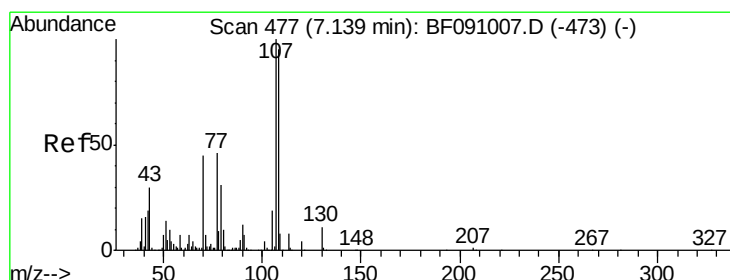
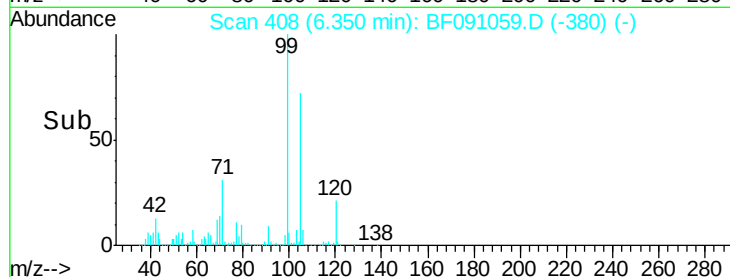
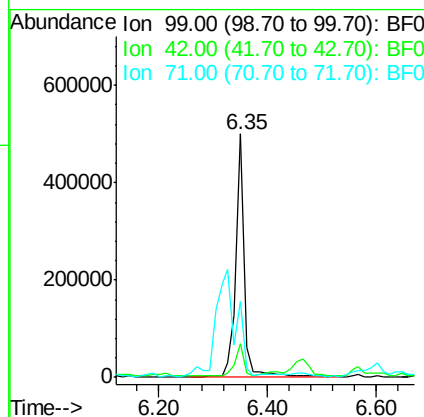
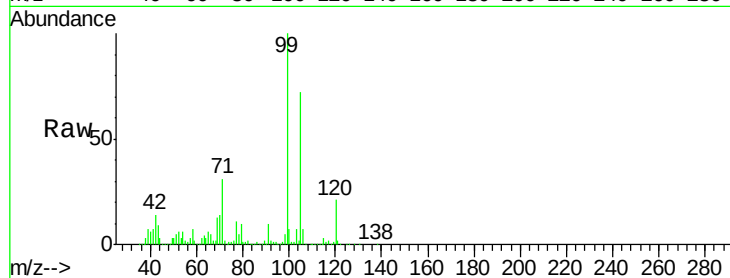
71 31.0 27.8 41.8

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#20

3+4-Methylphenols

Concen: 15.78 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF091059.D

Acq: 7 Nov 2016 16:45

Tgt Ion: 107 Resp: 180217

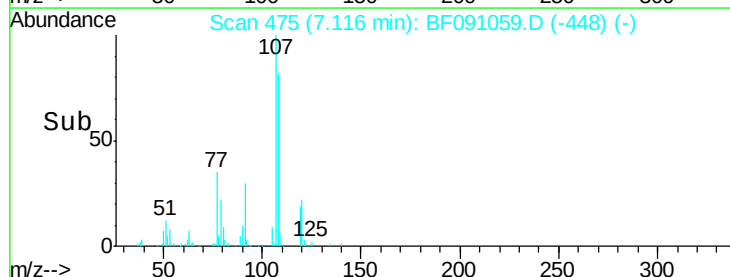
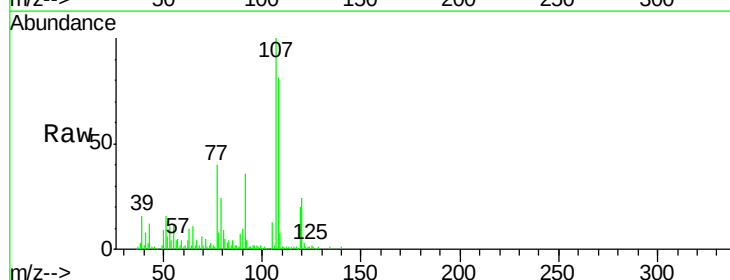
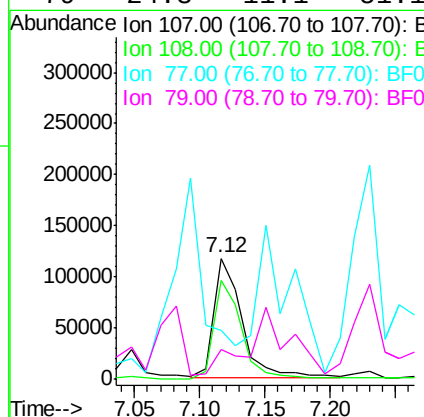
Ion Ratio Lower Upper

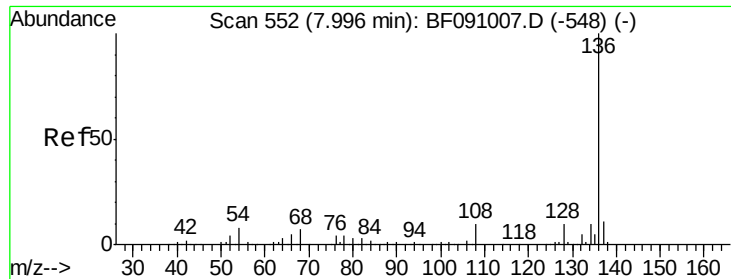
107 100

108 81.4 75.5 115.5

77 39.9 26.4 66.4

79 24.3 11.1 51.1





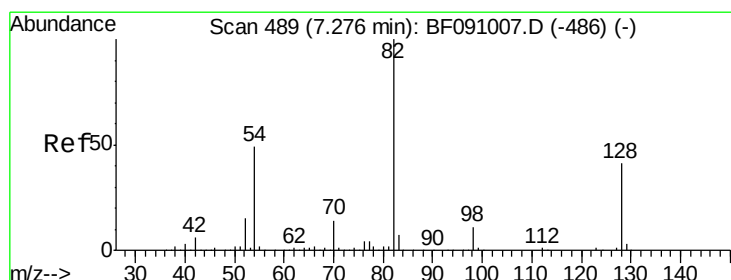
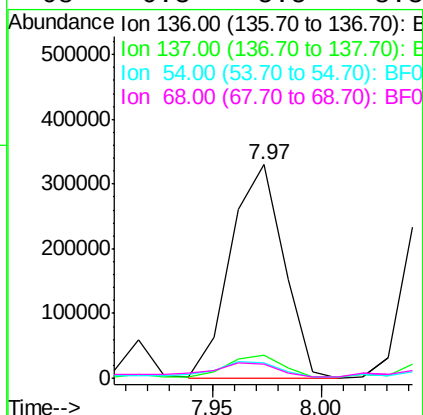
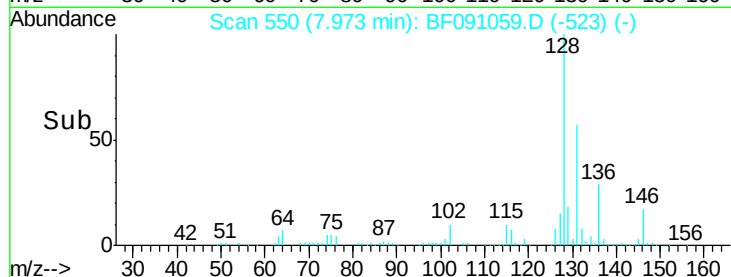
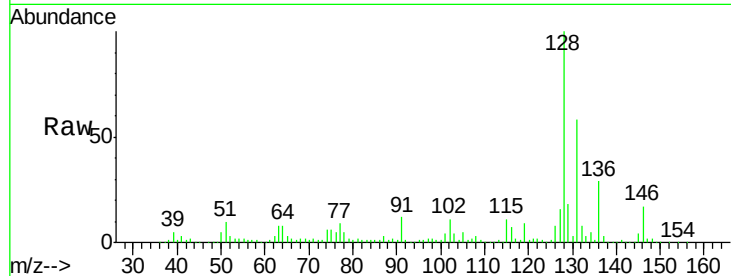
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF091059.D
Acq: 7 Nov 2016 16:45

Instrument :
BNA_F
ClientSampleId :
RMAB-MW08-GW

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.0	6.2	9.2	
68	6.3	5.5	8.3	

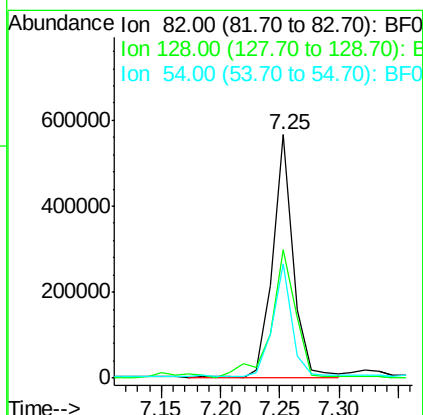
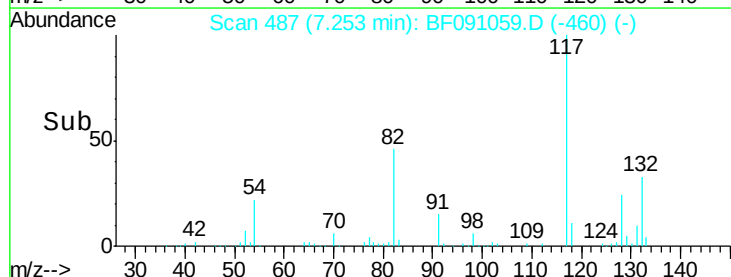
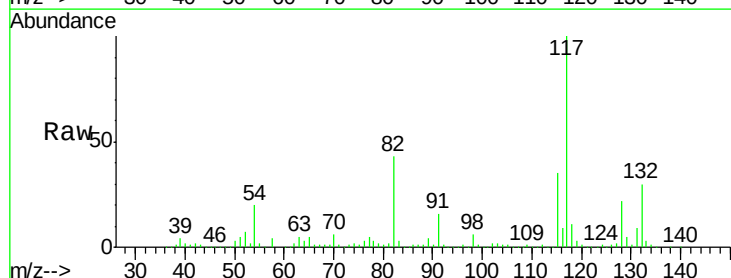
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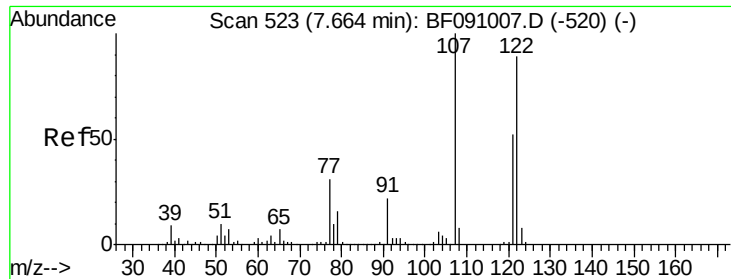
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#23
Nitrobenzene-d5
Concen: 66.10 ng
RT: 7.25 min Scan# 487
Delta R.T. 0.01 min
Lab File: BF091059.D
Acq: 7 Nov 2016 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.5	32.4	48.6#	
54	46.8	39.2	58.8	





#27

2,4-Dimethylphenol

Concen: 166.29 ng/mL

RT: 7.66 min Scan# 523

Delta R.T. 0.03 min

Lab File: BF091059.D

Acq: 7 Nov 2016 16:45

Instrument :

BNA_F

ClientSampleId :

RMAB-MW08-GW

Tot Ion:122 Resp: 1316115

Ion Ratio Lower Upper

122 100

107 111.3 89.6 134.4

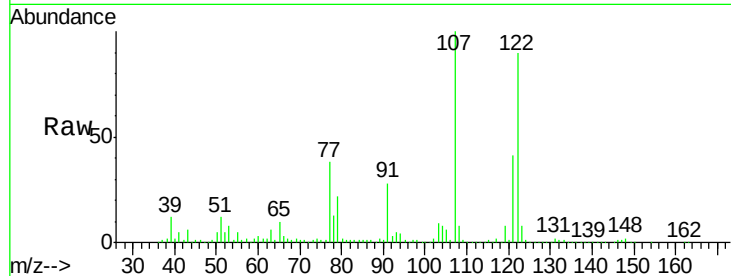
121 45.3 46.3 69.5#

Manual Integrations

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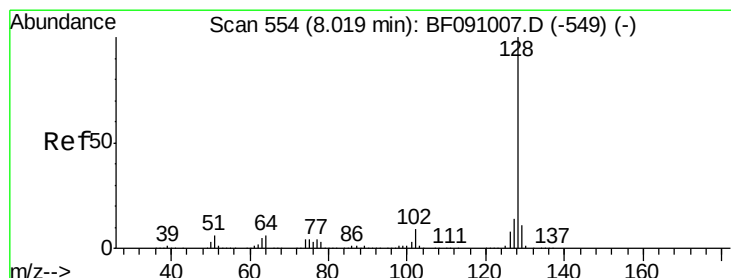
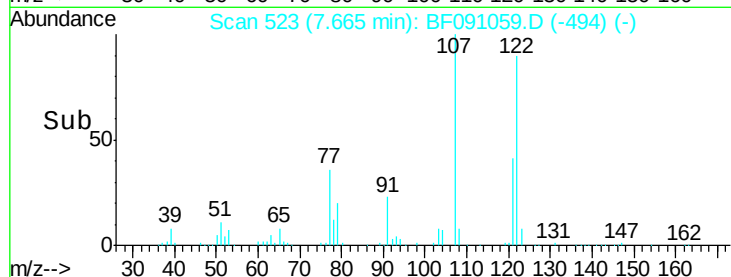
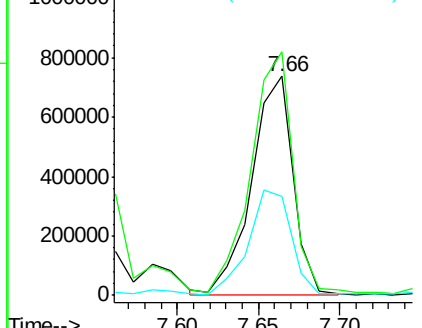
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 254.71 ng/mL

RT: 8.01 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF091059.D

Acq: 7 Nov 2016 16:45

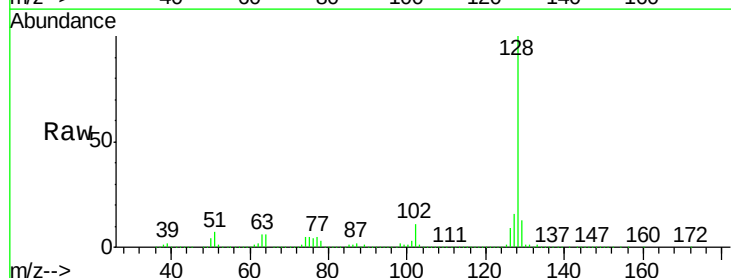
Tgt Ion:128 Resp: 6804330

Ion Ratio Lower Upper

128 100

129 12.6 9.0 13.6

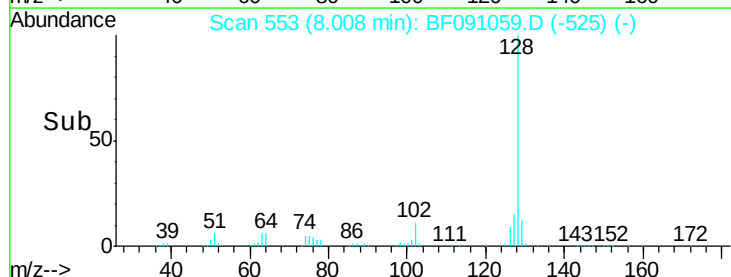
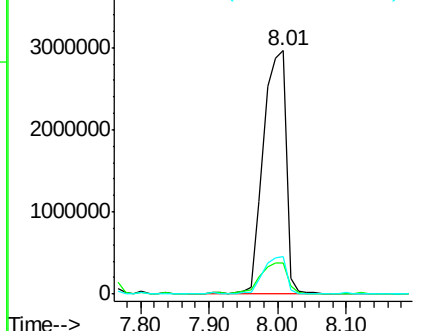
127 15.6 10.9 16.3

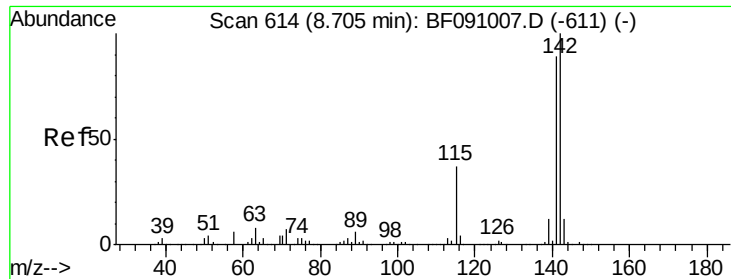


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





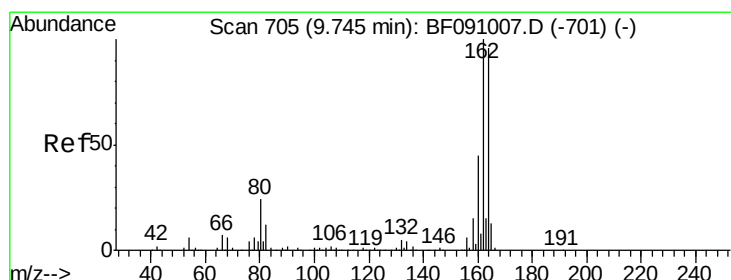
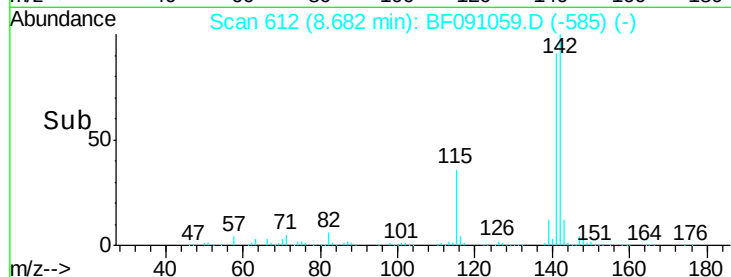
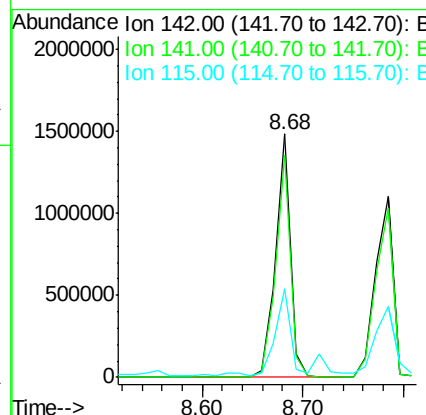
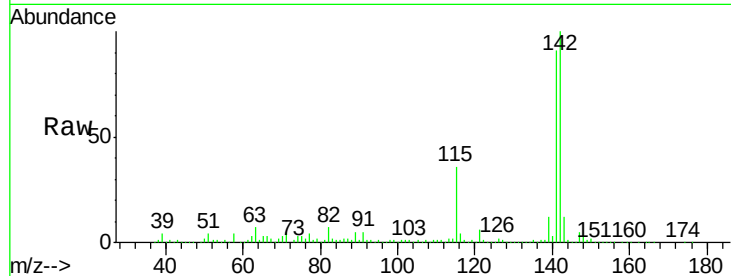
#37
2-Methylnaphthalene
Concen: 88.99 ng
RT: 8.68 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF091059.D
Acq: 7 Nov 2016 16:45

Instrument :
BNA_F
ClientSampleId :
RMAB-MW08-GW

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.3	106.9
115	36.5	29.9	44.9

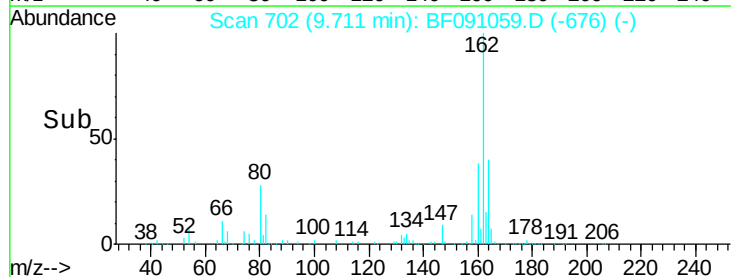
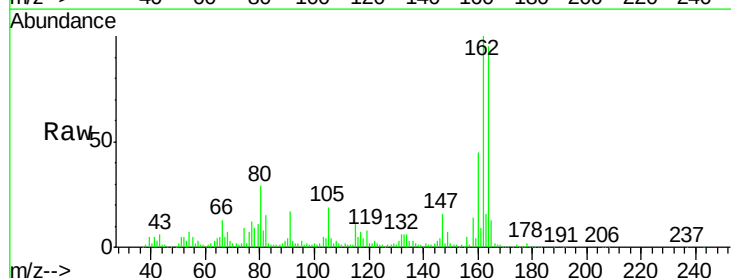
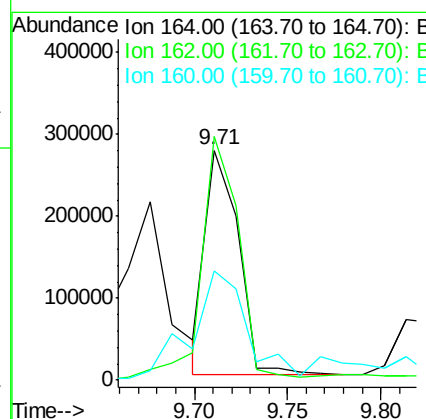
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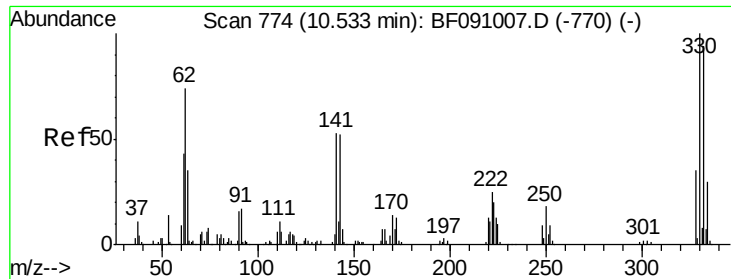
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF091059.D
Acq: 7 Nov 2016 16:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.6	125.4
160	47.5	37.9	56.9





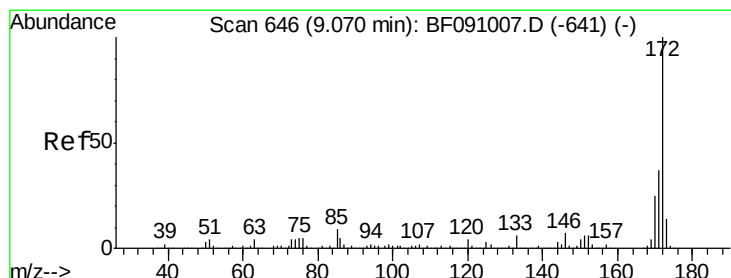
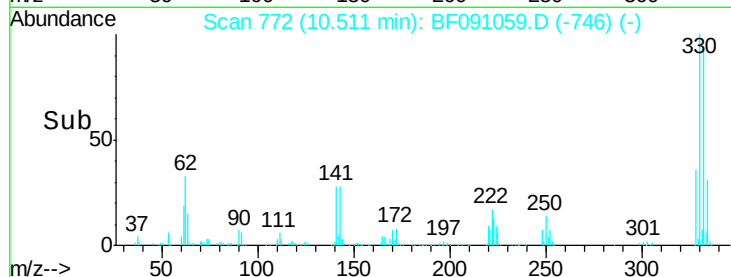
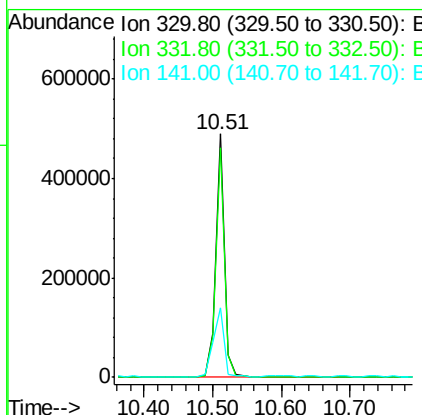
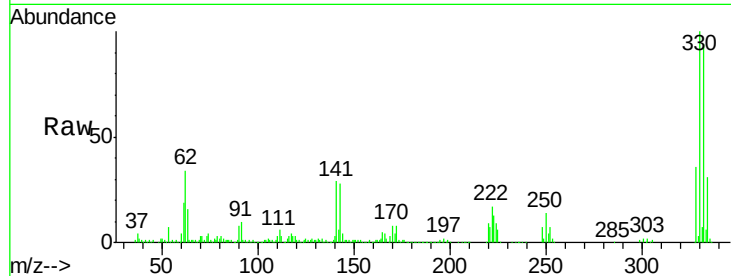
#41
 2,4,6-Tribromophenol
 Concen: 145.73 ng
 RT: 10.51 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF091059.D
 Acq: 7 Nov 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW08-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.9	113.9
141	34.0	36.1	54.1

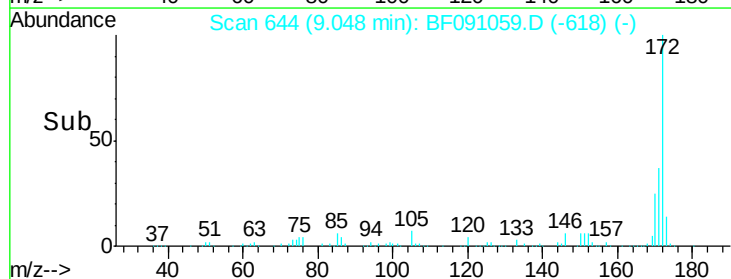
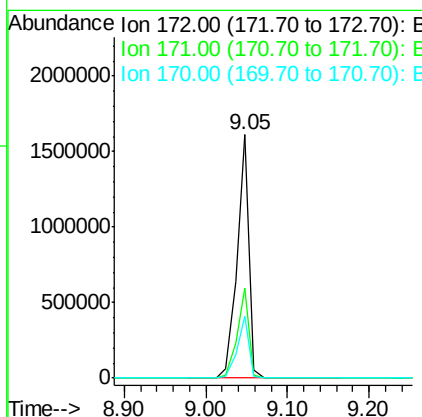
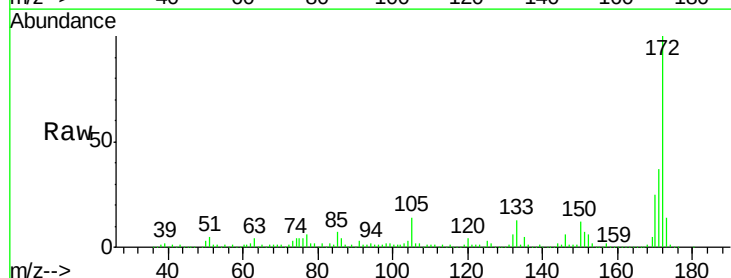
Manual Integrations
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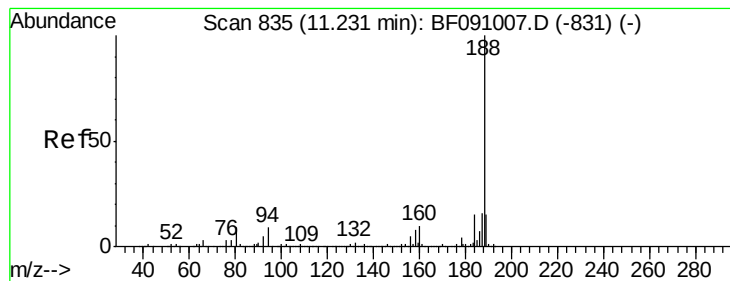
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#44
 2-Fluorobiphenyl
 Concen: 84.45 ng
 RT: 9.05 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF091059.D
 Acq: 7 Nov 2016 16:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	25.4	20.3	30.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF091059.D

Acq: 7 Nov 2016 16:45

Instrument :

BNA_F

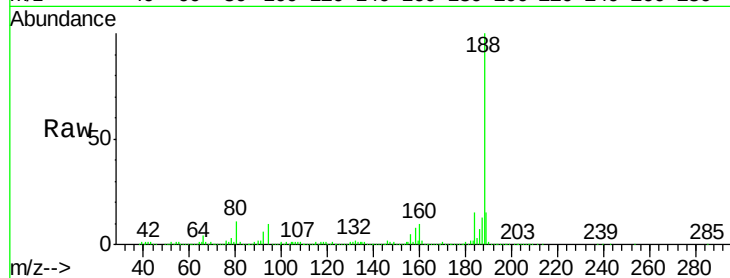
ClientSampleId :

RMAB-MW08-GW

Tot Ion:	188	Resp:	561148
Ion Ratio	Lower	Upper	
188	100		
94	10.2	7.0	10.4
80	11.0	7.5	11.3

Manual Integrations
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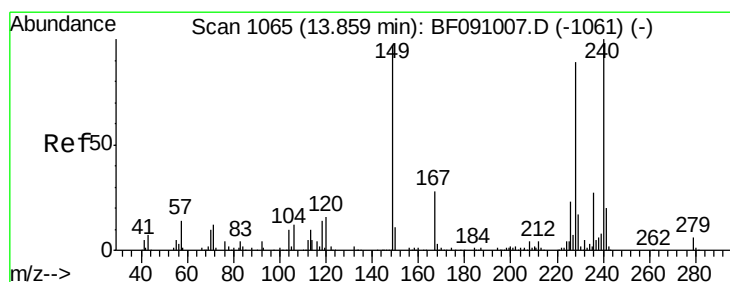
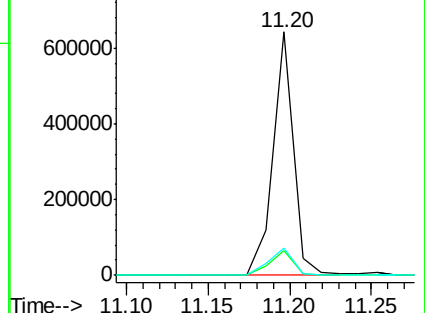
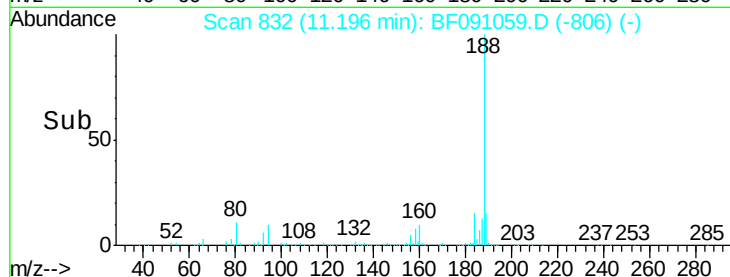
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

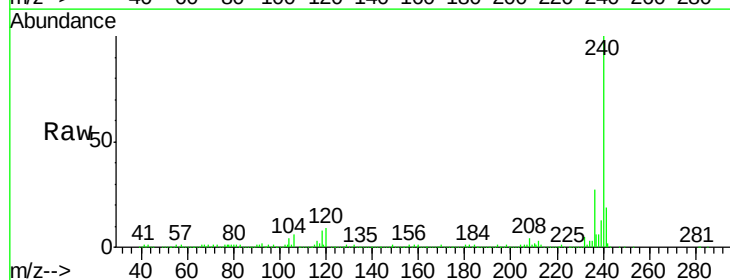
RT: 13.83 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF091059.D

Acq: 7 Nov 2016 16:45

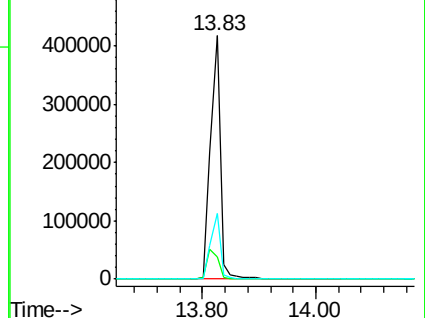
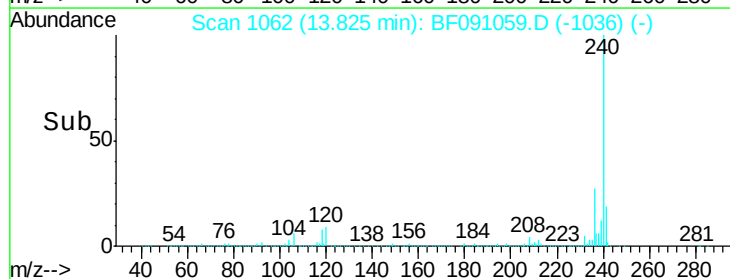
Tgt Ion:	240	Resp:	472278
Ion Ratio	Lower	Upper	
240	100		
120	9.2	12.9	19.3#
236	27.0	21.9	32.9

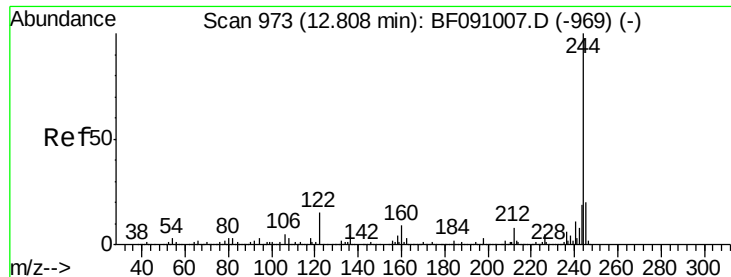


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.61 ng

RT: 12.79 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF091059.D

Acq: 7 Nov 2016 16:45

Instrument :

BNA_F

ClientSampleId :

RMAB-MW08-GW

Tot Ion:244 Resp: 1847241

Ion Ratio Lower Upper

244 100

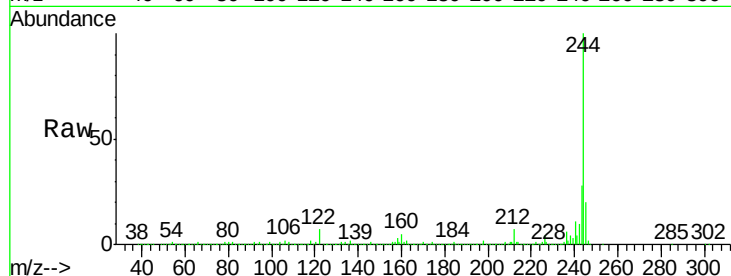
212 6.6 6.4 9.6

122 7.0 12.3 18.5#

Manual Integrations
APPROVED

sohil

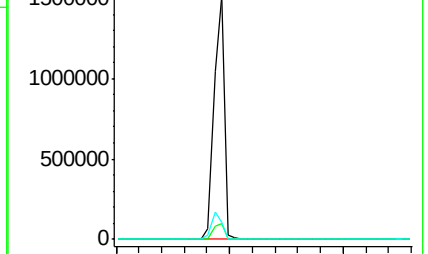
11/8/2016 4:31:54 PM



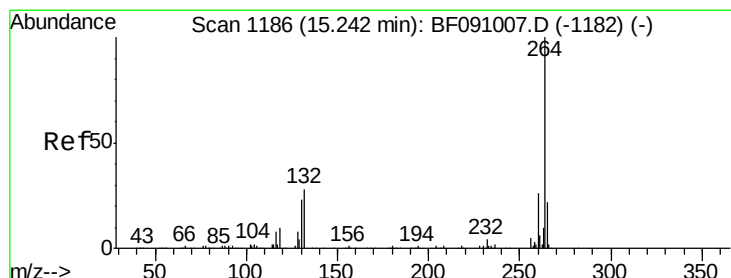
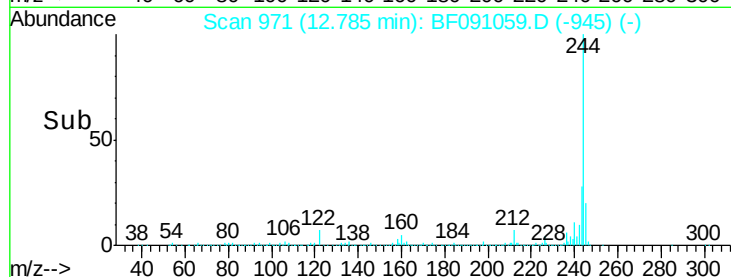
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.60 12.80 13.00



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.20 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF091059.D

Acq: 7 Nov 2016 16:45

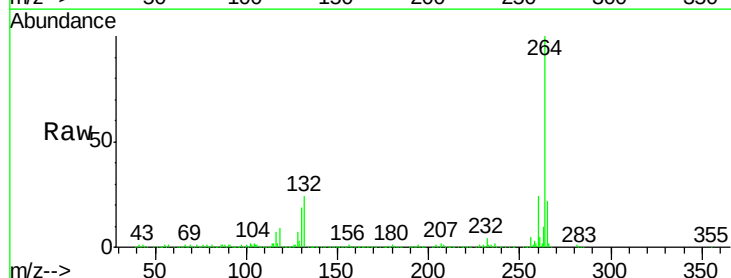
Tgt Ion:264 Resp: 397764

Ion Ratio Lower Upper

264 100

260 24.5 20.6 30.8

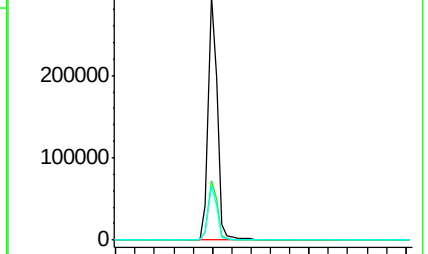
265 22.2 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 15.00 15.20 15.40

