

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089239.D
 Acq On : 23 Jul 2016 16:05
 Operator : UM/SJ
 Sample : H4120-13
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-10-6.0-15.0

Manual Integrations

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 7/25/2016 6:43:04 PM

Quant Time: Jul 25 11:31:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 03:29:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	44197	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	195172	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	92628	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	177926	20.00	ng	0.00
75) Chrysene-d12	13.70	240	133789	20.00	ng	-0.01
86) Perylene-d12	15.04	264	97996	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	2541	0.87	ng	0.08
7) Phenol-d6	6.26	99	11018m	2.94	ng	0.02
23) Nitrobenzene-d5	7.15	82	267999	72.96	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.95	172	510180	75.89	ng	0.00
78) Terphenyl-d14	12.66	244	410302	66.52	ng	-0.01
Target Compounds						
13) 1,4-Dichlorobenzene	6.60	146	20667	5.76	ng	Qvalue 95
22) Acetophenone	7.00	105	22137	4.25	ng	# 97
25) Isophorone	7.40	82	65983	9.75	ng	99
31) Naphthalene	7.88	128	82893	7.87	ng	100
49) Dimethylphthalate	9.35	163	97155	13.67	ng	99
83) Bis(2-ethylhexyl)phthalate	13.70	149	12717	2.05	ng	# 99

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

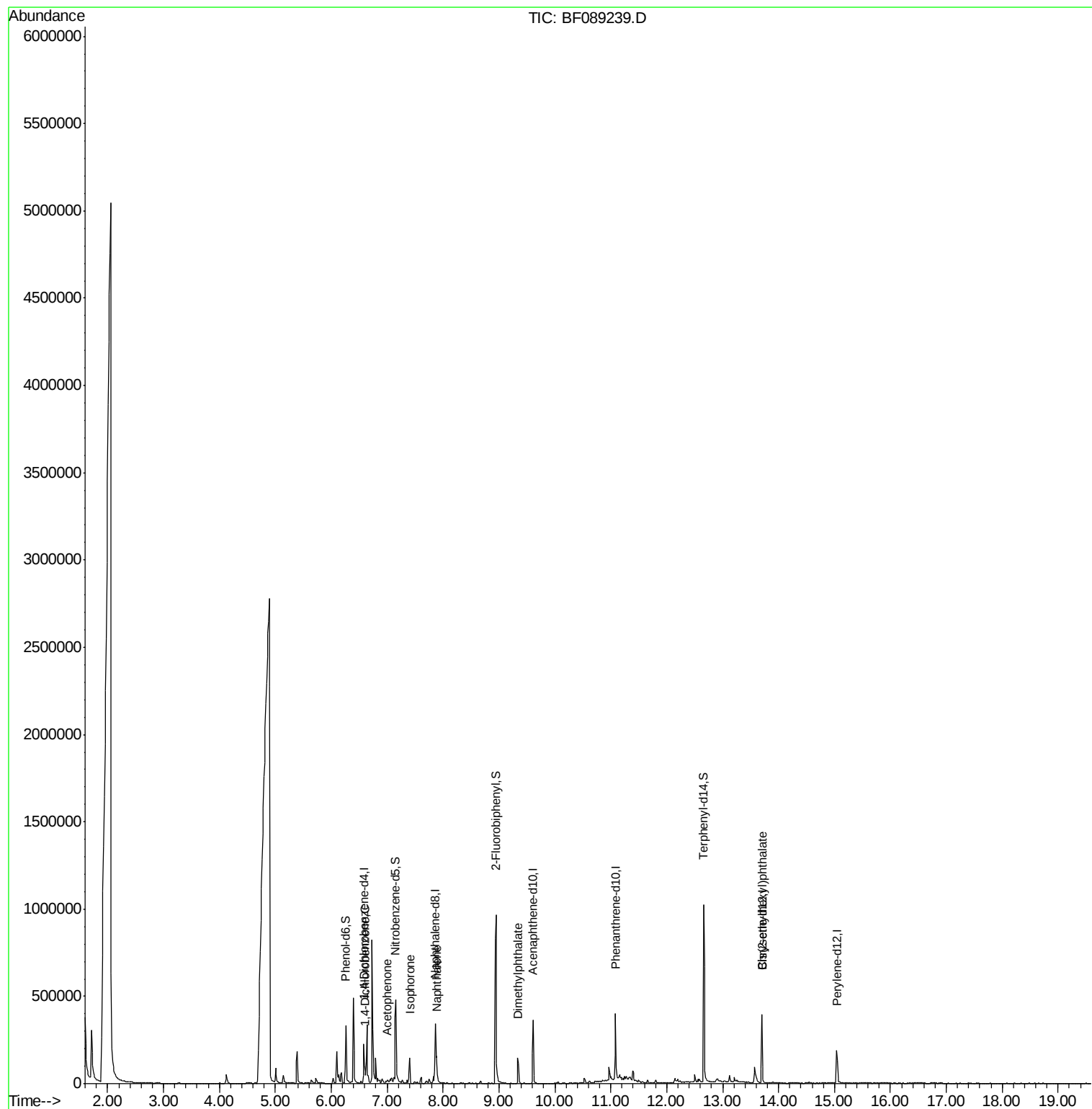
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089239.D
Acq On : 23 Jul 2016 16:05
Operator : UM/SJ
Sample : H4120-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

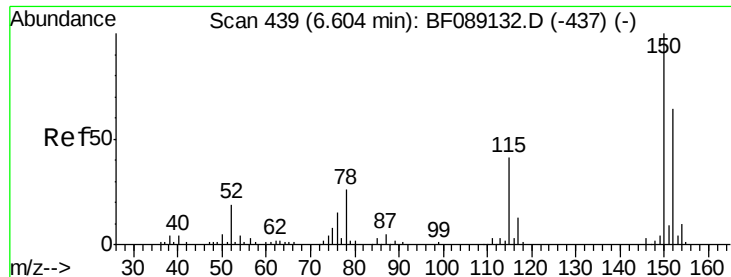
Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0

Manual Integrations

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Quant Time: Jul 25 11:31:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
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#1

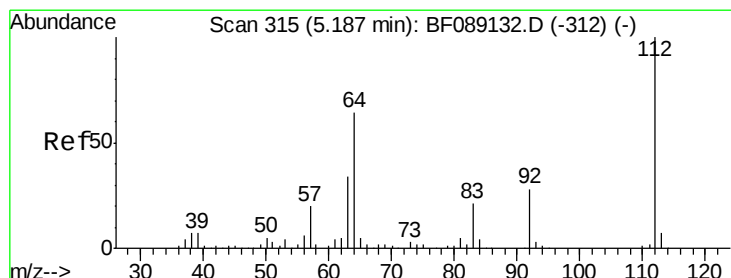
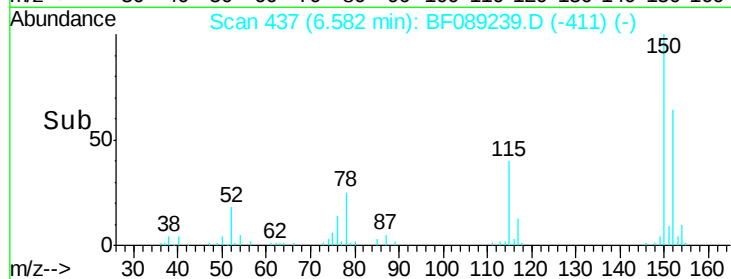
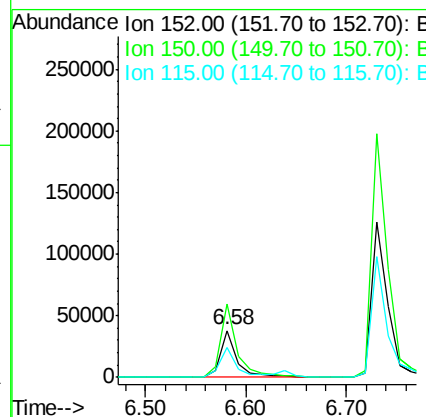
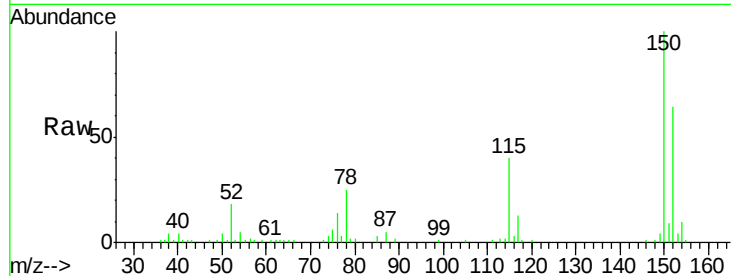
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.1	187.7
115	62.2	51.1	76.7

Manual Integrations

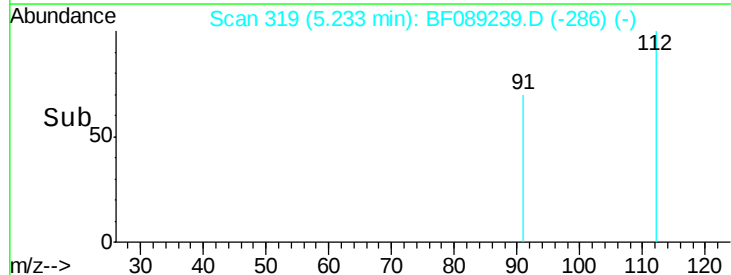
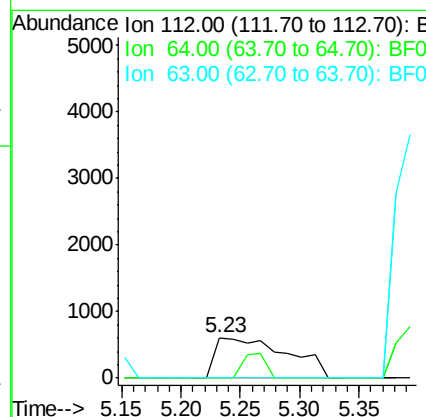
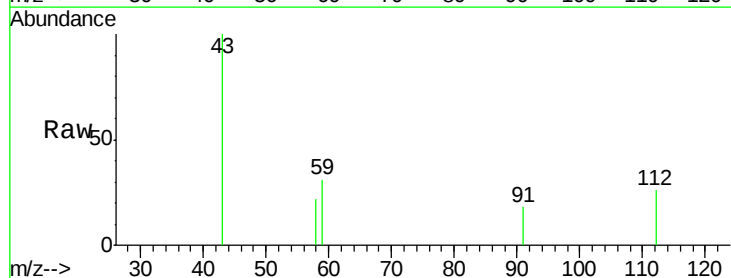
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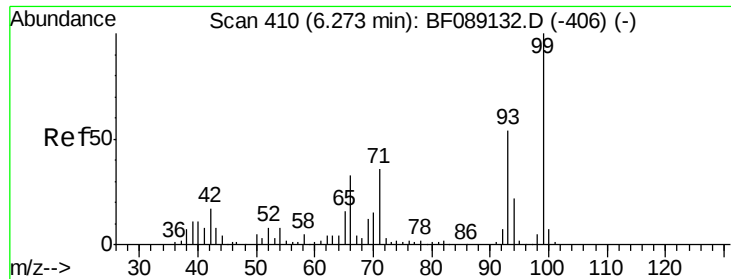


#5

2-Fluorophenol
Concen: 0.87 ng
RT: 5.23 min Scan# 319
Delta R.T. 0.08 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	51.0	76.4#
63	0.0	27.3	40.9#



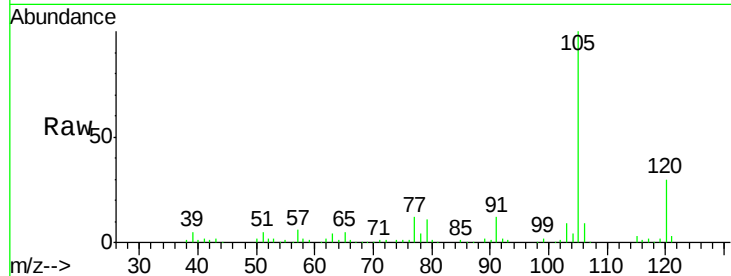


#7

Phenol-d6

Concen: 2.94 ng m
RT: 6.26 min Scan# 409
Delta R.T. 0.02 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

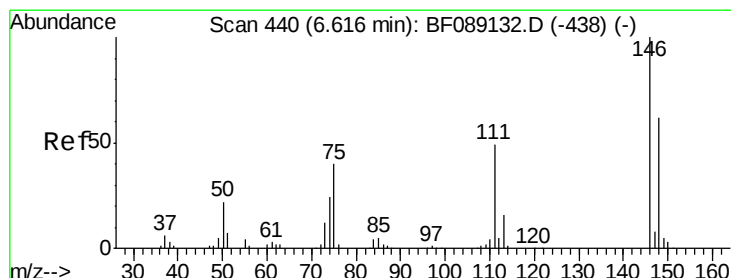
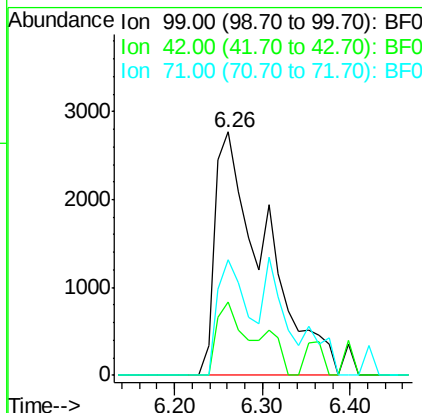
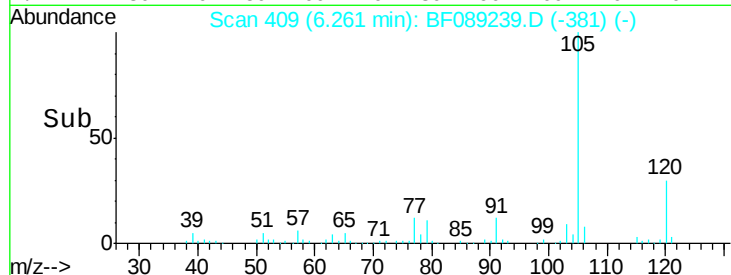
Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0



Tgt Ion: 99 Resp: 11018
Ion Ratio Lower Upper
99 100
42 29.9 13.5 20.3#
71 47.4 28.9 43.3#

Manual Integrations

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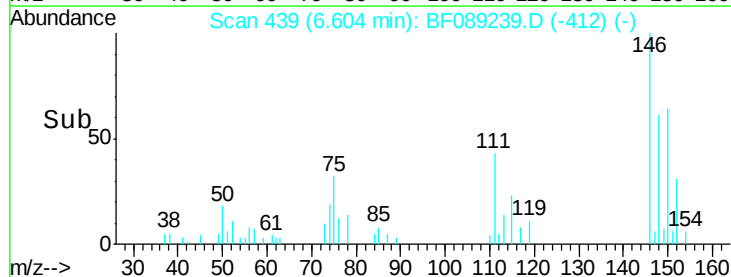
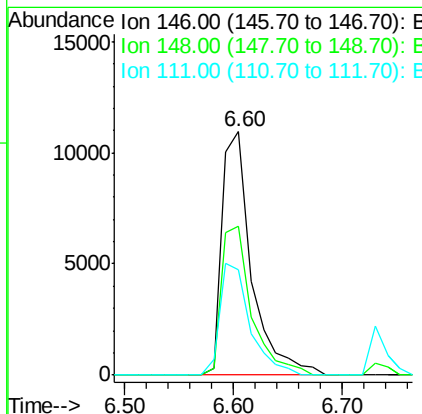
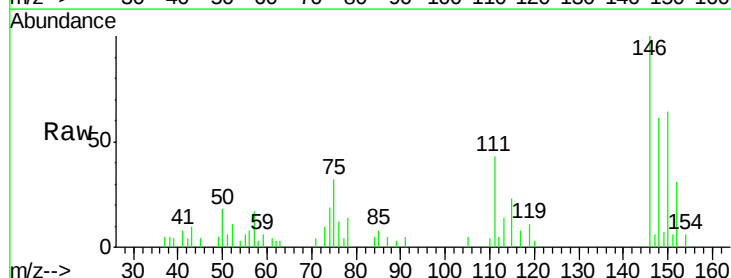


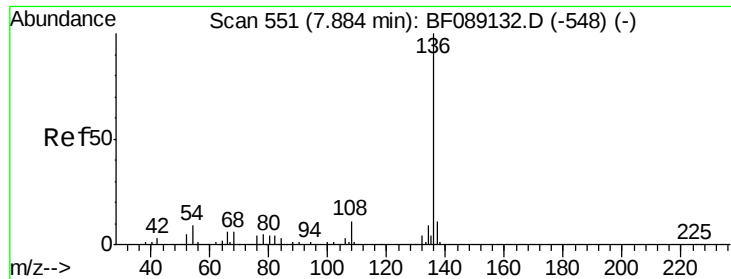
#13

1,4-Dichlorobenzene

Concen: 5.76 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Tgt Ion: 146 Resp: 20667
Ion Ratio Lower Upper
146 100
148 61.0 49.9 74.9
111 43.2 39.8 59.6





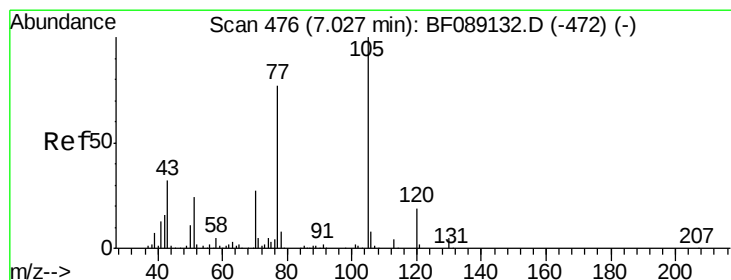
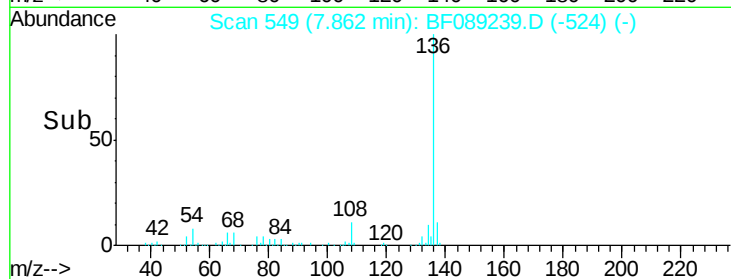
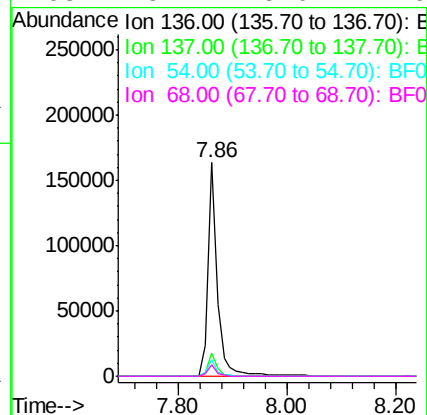
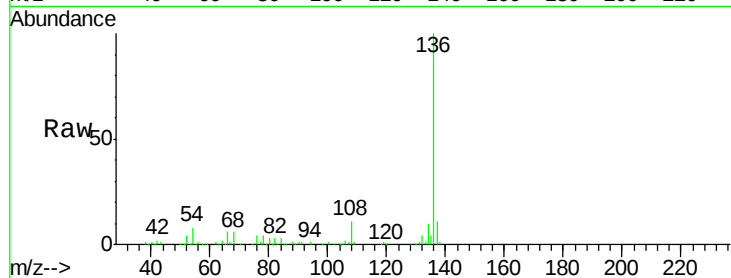
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	195172		
137	10.8	8.8	13.2	
54	7.6	7.0	10.4	
68	5.7	5.0	7.6	

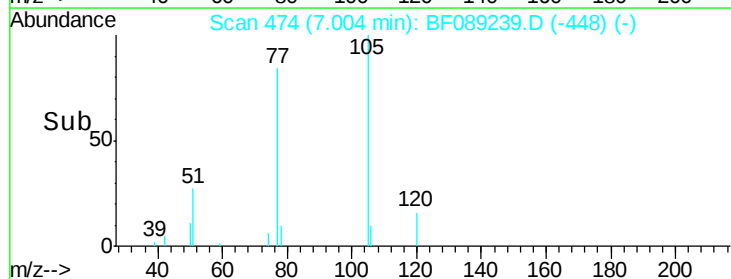
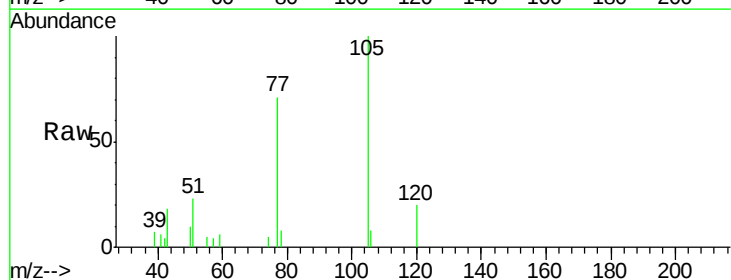
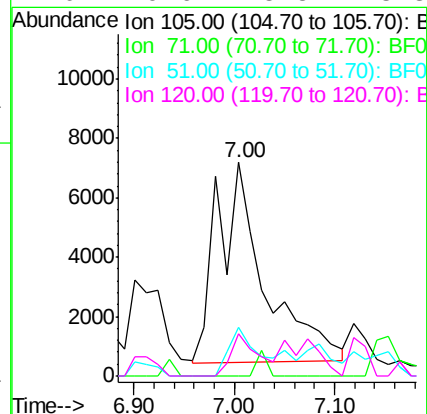
Manual Integrations

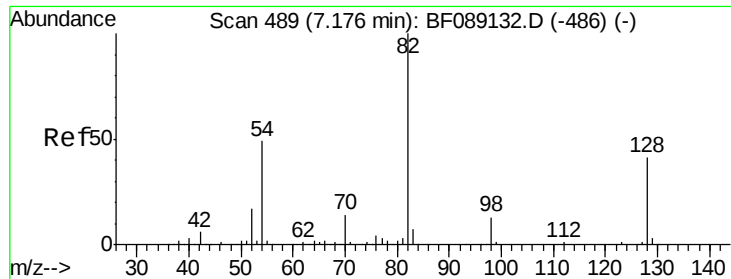
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#22
Acetophenone
Concen: 4.25 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	22137		
71	0.0	3.8	5.6#	
51	22.6	19.6	29.4	
120	19.6	15.5	23.3	





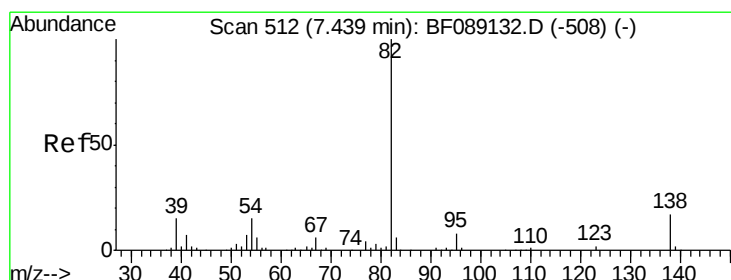
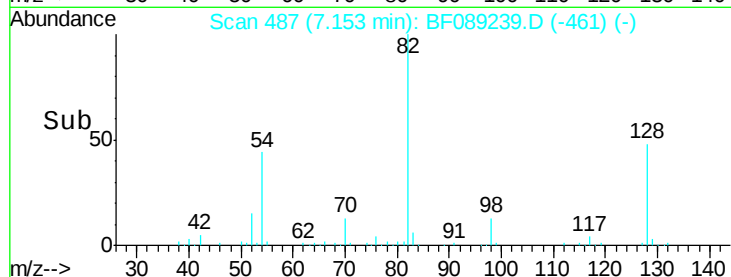
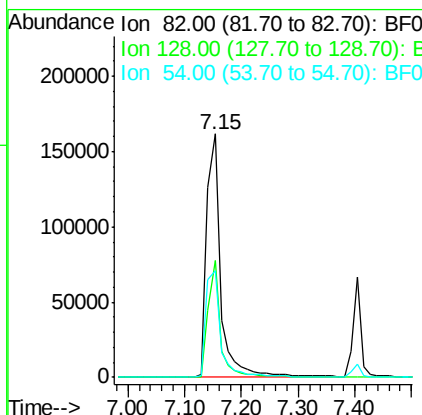
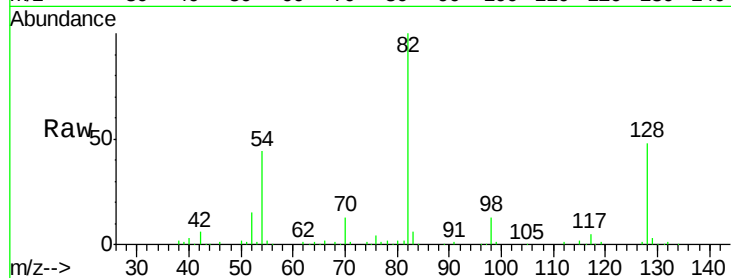
#23
Nitrobenzene-d5
Concen: 72.96 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.0	33.0	49.6
54	43.7	39.0	58.4

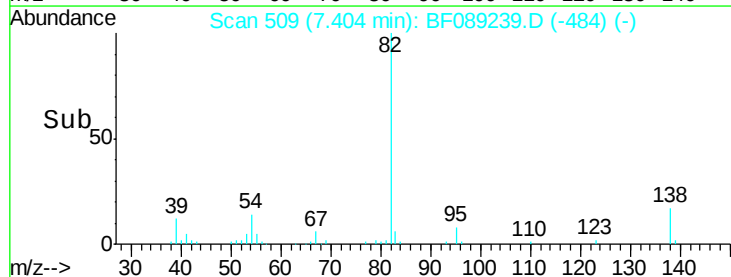
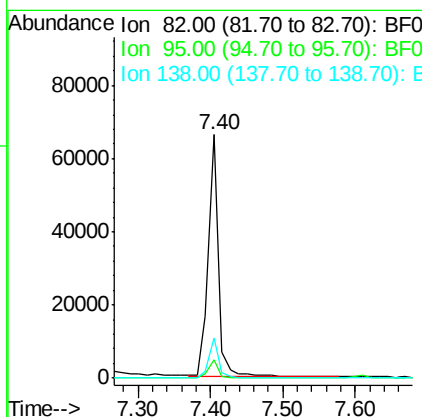
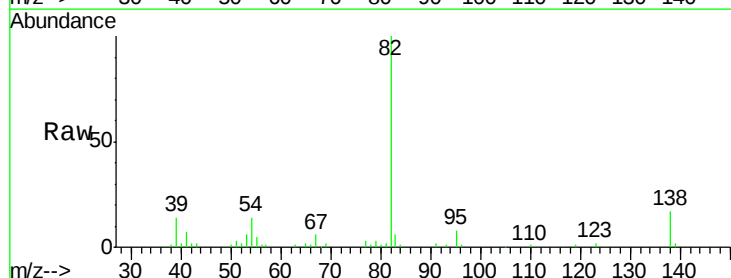
Manual Integrations

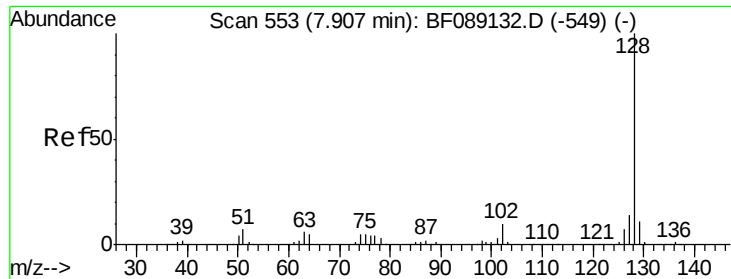
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#25
Isophorone
Concen: 9.75 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.1	9.1
138	16.7	13.6	20.4





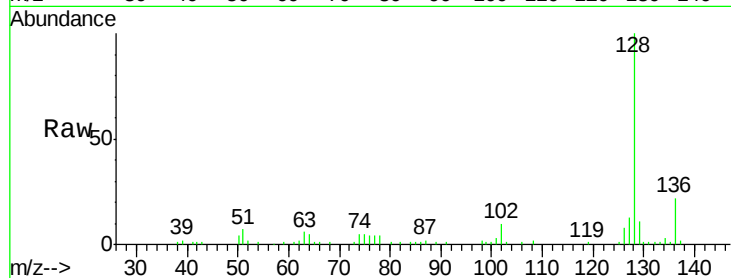
#31
Naphthalene
Concen: 7.87 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0

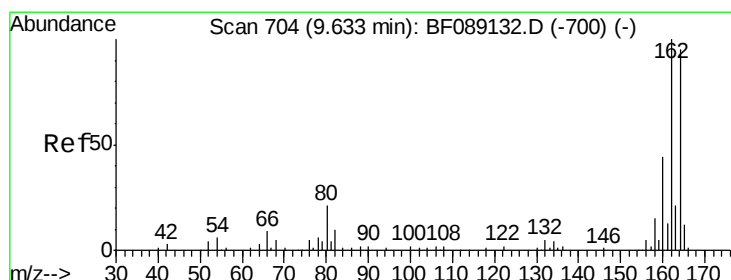
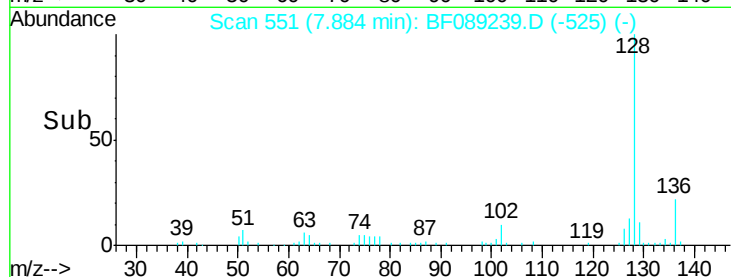
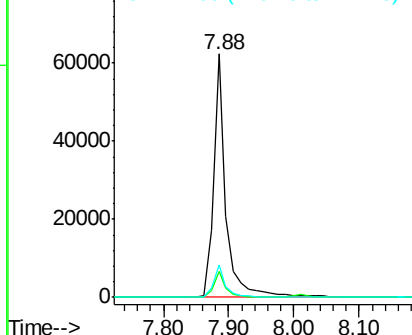
Tgt Ion:128 Resp: 82893
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.8 16.2

Manual Integrations

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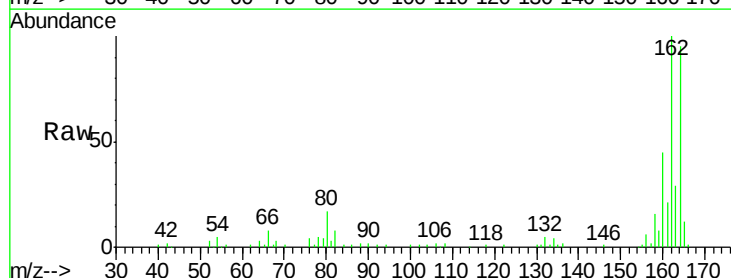


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

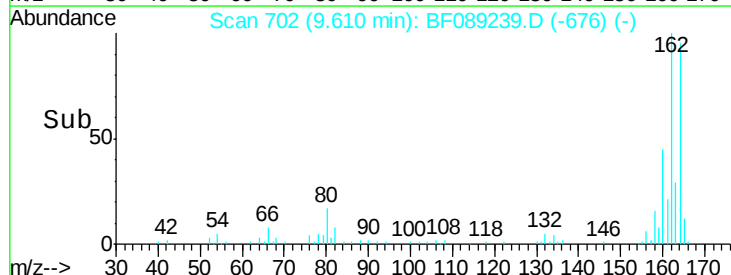
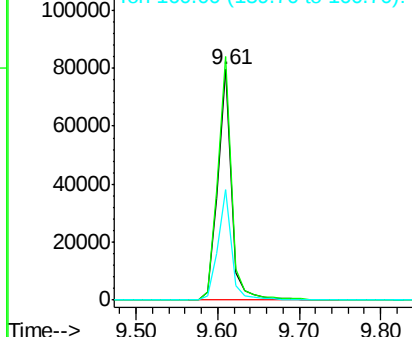


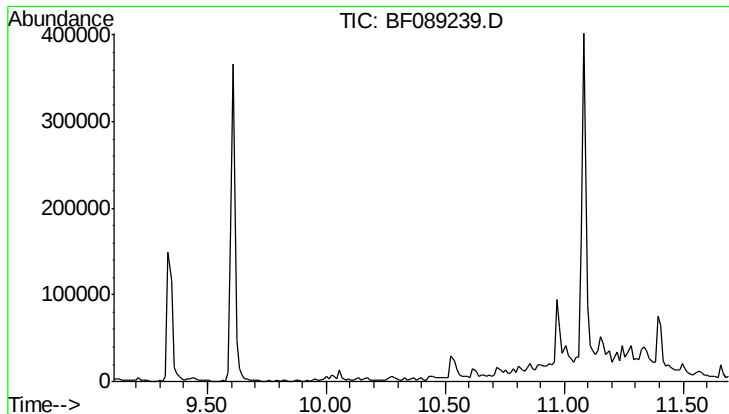
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Tgt Ion:164 Resp: 92628
Ion Ratio Lower Upper
164 100
162 105.7 84.1 126.1
160 48.0 37.1 55.7



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: 0.00 ng

Expected RT: 10.40 min

Lab File: BF089239.D

Acq: 23 Jul 2016 16:05

Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.5

141 52.7

Instrument :

BNA_F

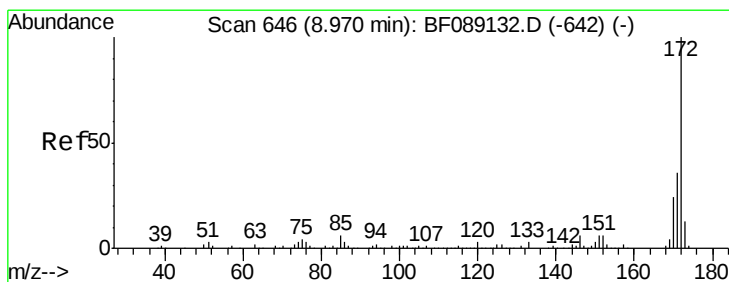
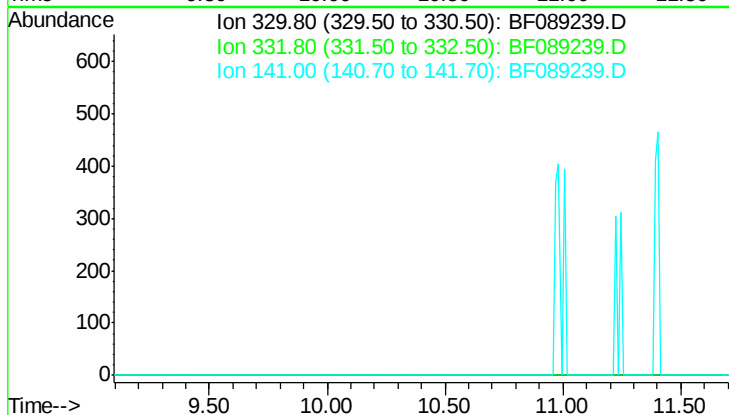
ClientSampleId :

GW-10-6.0-15.0

Manual Integrations

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#44

2-Fluorobiphenyl

Concen: 75.89 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF089239.D

Acq: 23 Jul 2016 16:05

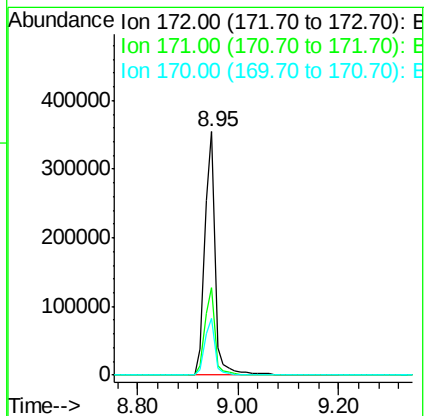
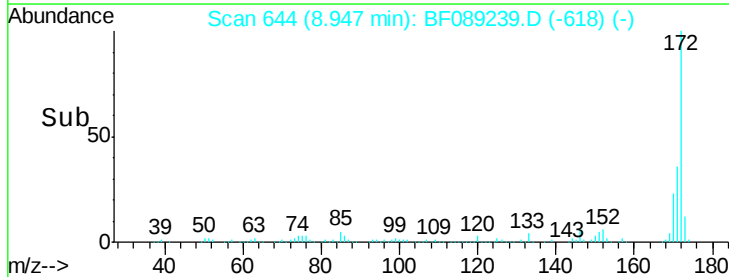
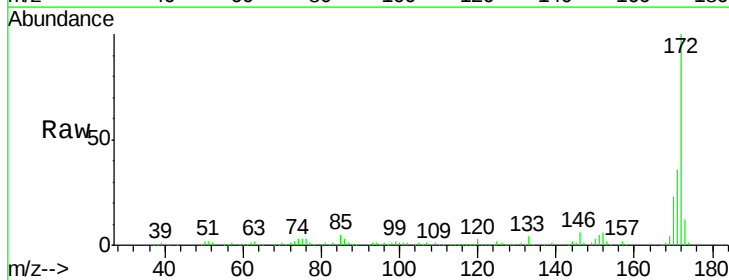
Tgt Ion:172 Resp: 510180

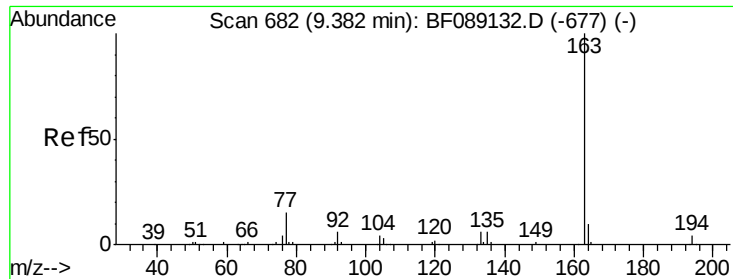
Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

170 23.4 19.1 28.7





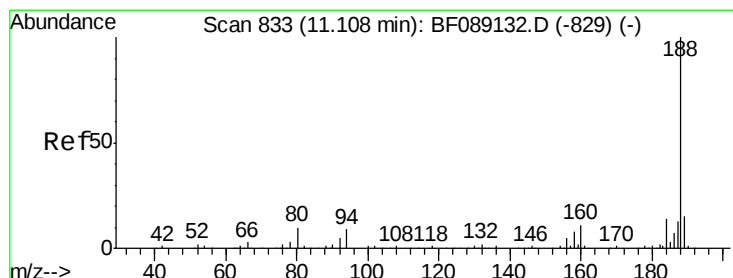
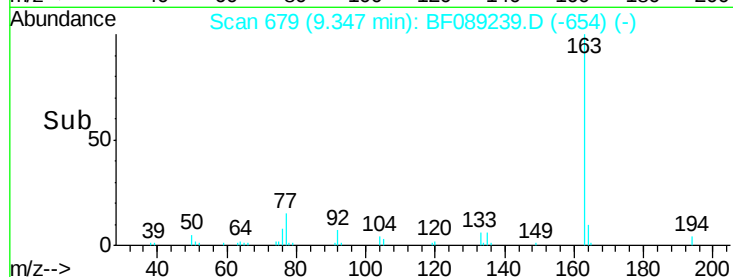
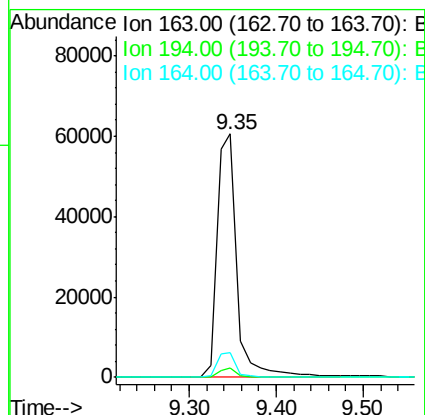
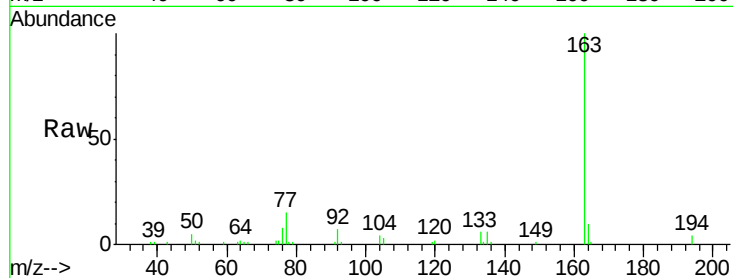
#49
Dimethylphthalate
Concen: 13.67 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0

Tgt Ion:163 Resp: 97155
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.1 7.6 11.4

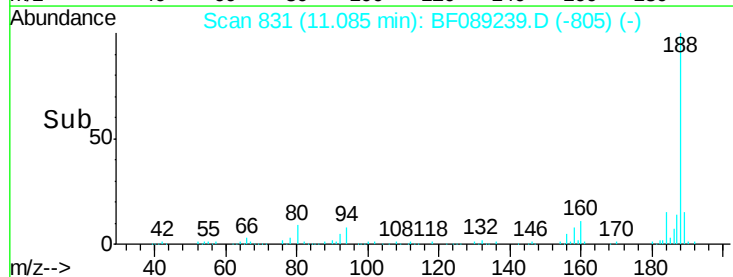
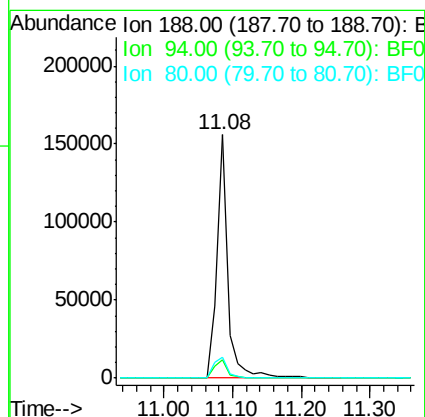
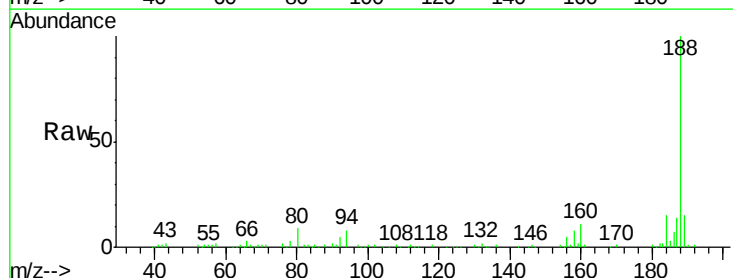
Manual Integrations

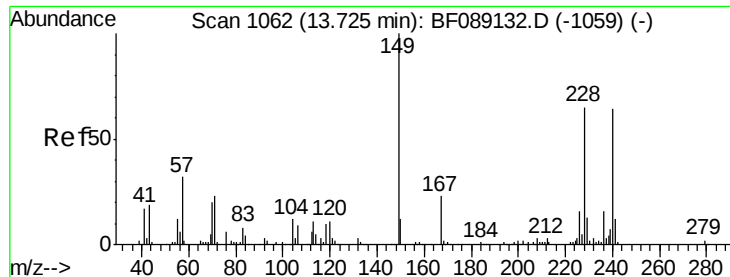
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Tgt Ion:188 Resp: 177926
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.5 7.7 11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF089239.D

Acq: 23 Jul 2016 16:05

Instrument :

BNA_F

ClientSampleId :

GW-10-6.0-15.0

Tgt Ion:240 Resp: 133789

Ion Ratio Lower Upper

240 100

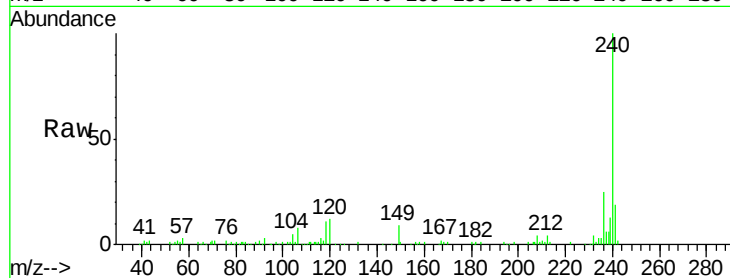
120 11.6 13.6 20.4#

236 25.2 20.5 30.7

Manual Integrations

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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

150000

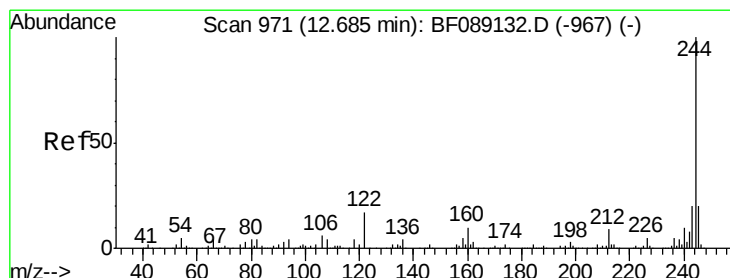
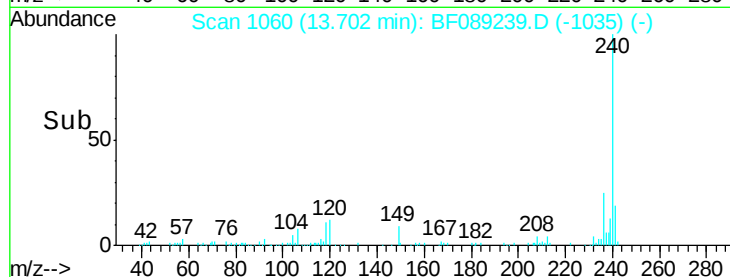
100000

50000

0

13.60 13.70 13.80 13.90

Time-->



#78

Terphenyl-d14

Concen: 66.52 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF089239.D

Acq: 23 Jul 2016 16:05

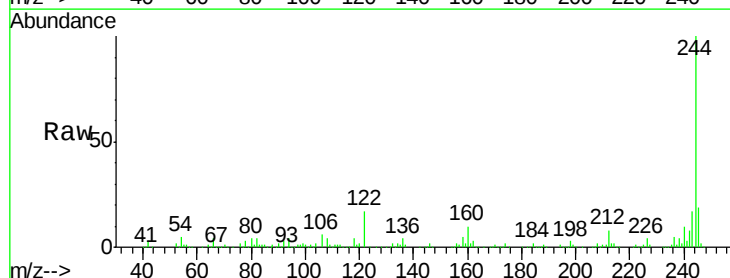
Tgt Ion:244 Resp: 410302

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

122 17.3 13.8 20.8



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

400000

300000

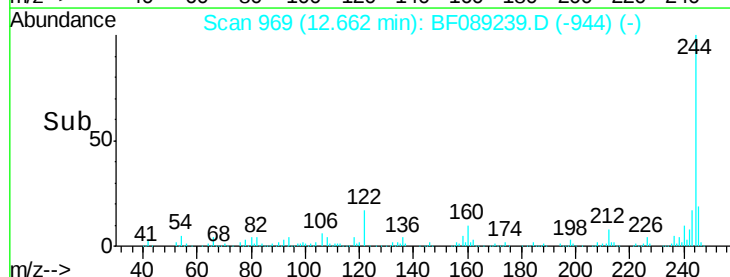
200000

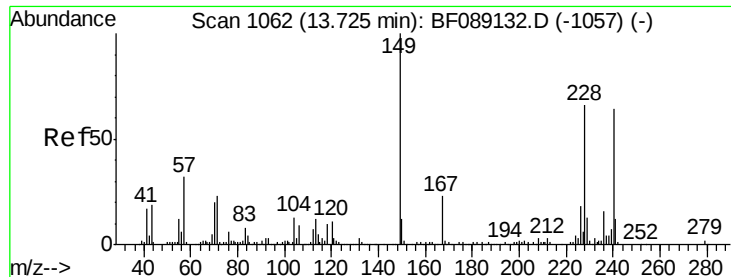
100000

0

12.60 12.66 12.70

Time-->





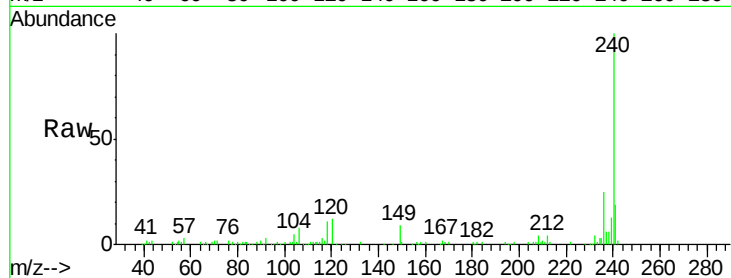
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.05 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0

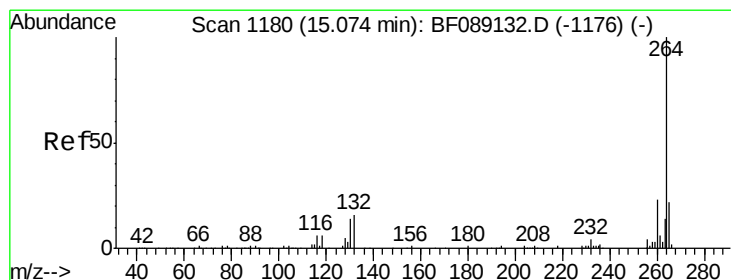
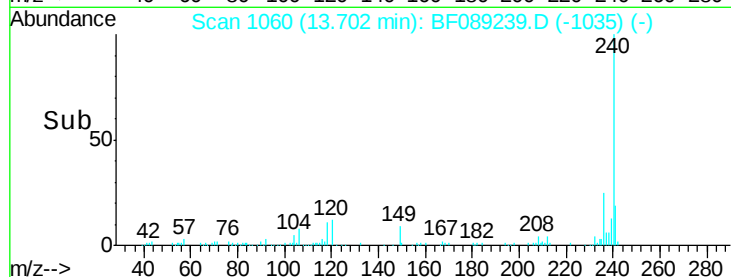
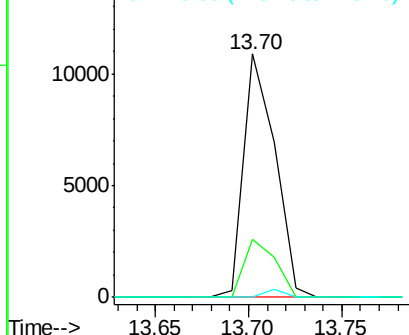
Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.7	18.6	28.0
279	0.0	1.6	2.4

Manual Integrations

sohil
7/25/2016 6:43:04 PM

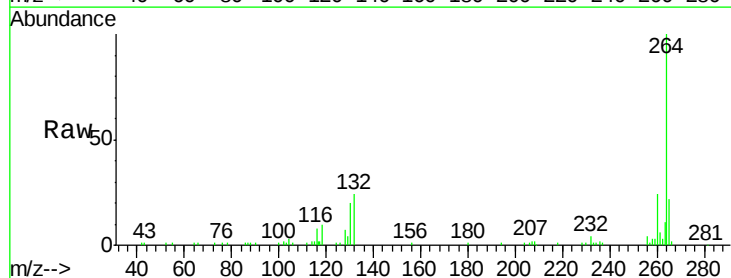


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF089239.D
Acq: 23 Jul 2016 16:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.8	17.3	25.9



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

