

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092013.D
 Acq On : 22 Jul 2016 19:28
 Operator : UM/SJ
 Sample : H4120-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-04-5.5-13.0

Manual Integrations

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Quant Time: Jul 25 12:08:16 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 15:39:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	22665	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	112199	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	71301	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	164522	5.00	ng	0.00
31) Chrysene-d12	21.76	240	216785	5.00	ng	0.00
40) Perylene-d12	24.16	264	177803	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	10945	2.49	ng	0.00
5) Phenol-d6	7.35	99	10137	1.40	ng	-0.02
9) Nitrobenzene-d5	9.36	82	20911	3.10	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	15766	6.41	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	63124	3.37	ng	-0.01
34) Terphenyl-d14	20.20	244	115236	5.29	ng	-0.02
Target Compounds						
12) Naphthalene	11.04	128	1340	0.05	ng	# 53
14) 2-Methylnaphthalene	12.68	142	494	0.03	ng	# 87
28) Phenanthrene	17.63	178	3283	0.08	ng	# 93
30) Fluoranthene	19.63	202	4738	0.03	ng	# 70
33) Pyrene	19.99	202	4588	0.03	ng	# 64
38) Bis(2-ethylhexyl)phthalate	21.64	149	23669	0.62	ng	# 100

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

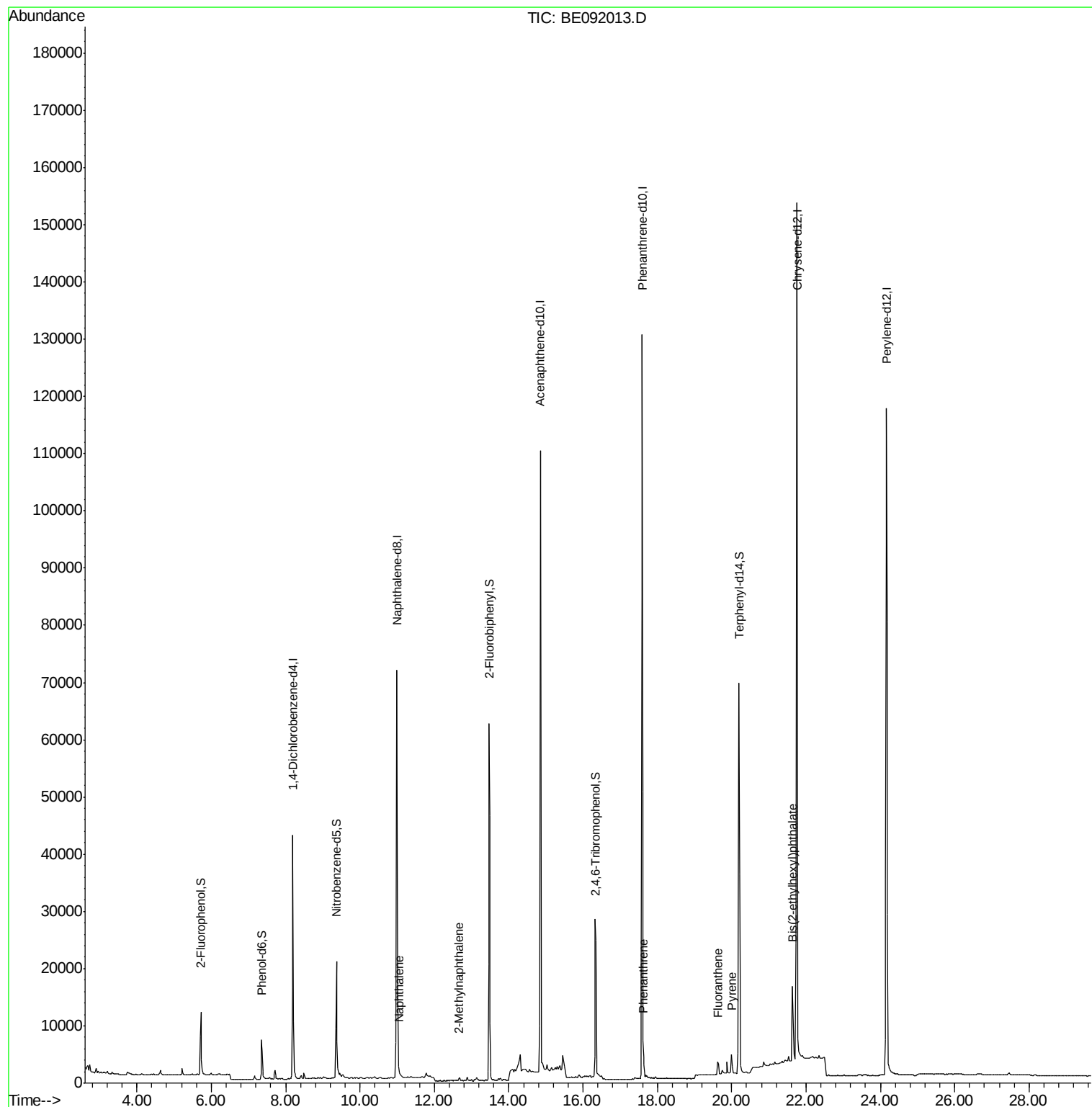
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092013.D
Acq On : 22 Jul 2016 19:28
Operator : UM/SJ
Sample : H4120-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

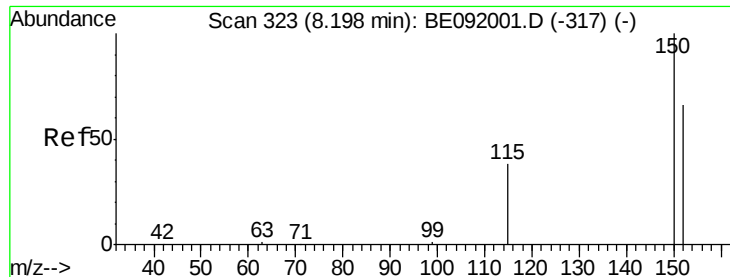
Instrument :
BNA_E
ClientSampleId :
GW-04-5.5-13.0

Manual Integrations

Quant Time: Jul 25 12:08:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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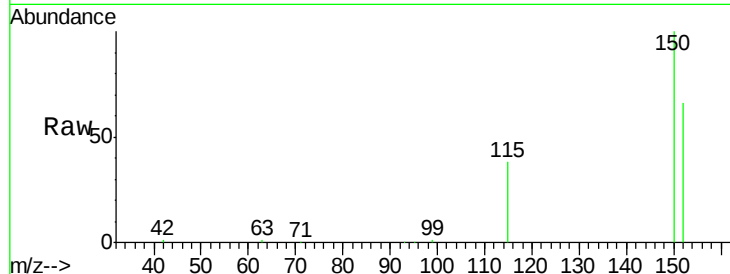




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE092013.D
Acq: 22 Jul 2016 19:28

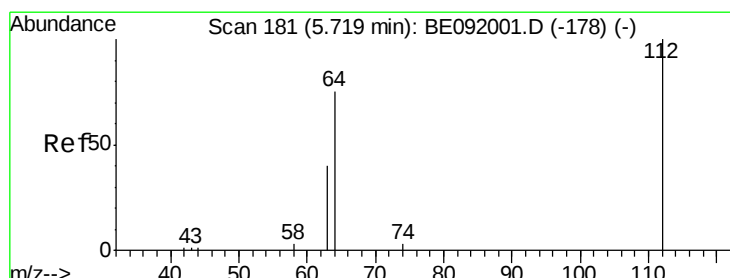
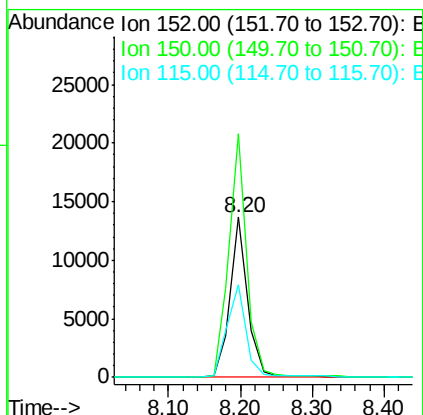
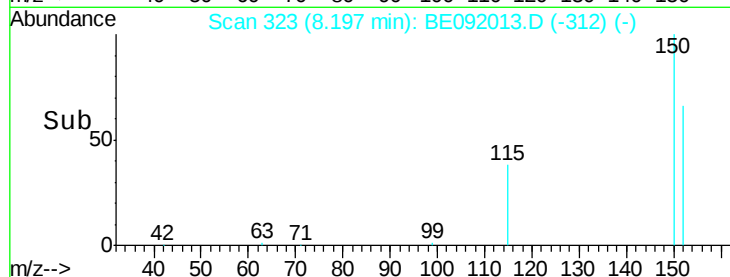
Instrument :
BNA_E
ClientSampleId :
GW-04-5.5-13.0



Tgt Ion:152 Resp: 22665
Ion Ratio Lower Upper
152 100
150 152.3 123.9 185.9
115 58.1 48.3 72.5

Manual Integrations

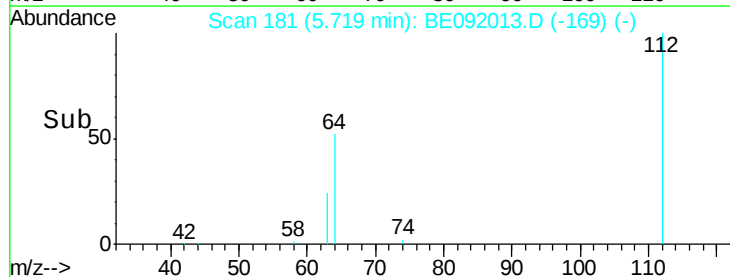
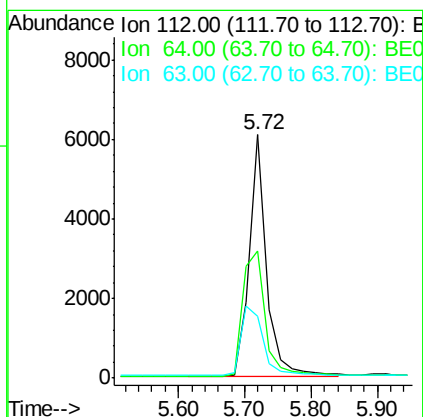
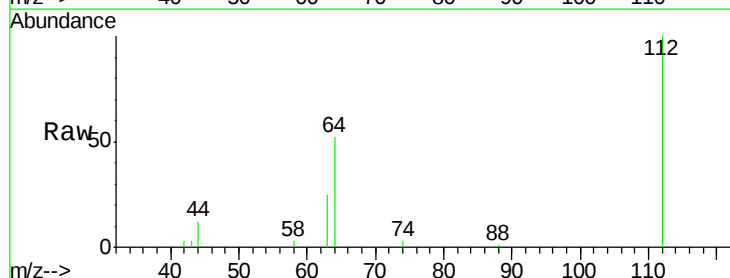
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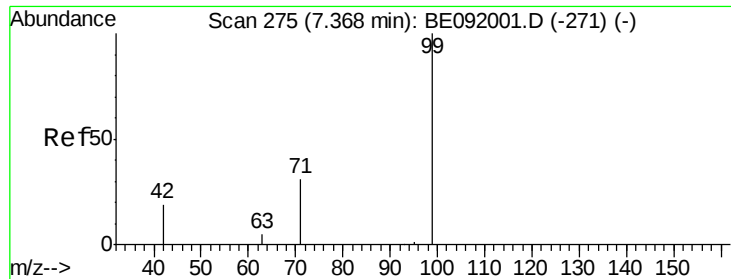


#4

2-Fluorophenol
Concen: 2.49 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092013.D
Acq: 22 Jul 2016 19:28

Tgt Ion:112 Resp: 10945
Ion Ratio Lower Upper
112 100
64 67.8 53.7 80.5
63 36.8 29.5 44.3





#5

Phenol-d6

Concen: 1.40 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092013.D

Acq: 22 Jul 2016 19:28

Instrument :

BNA_E

ClientSampleId :

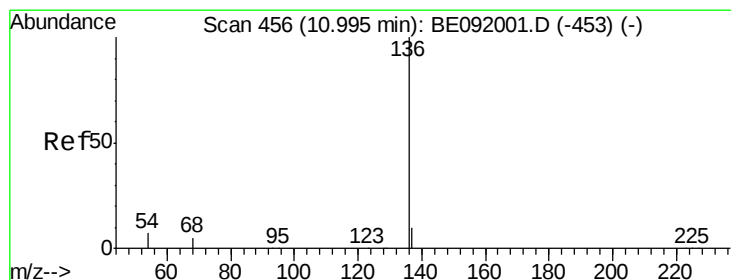
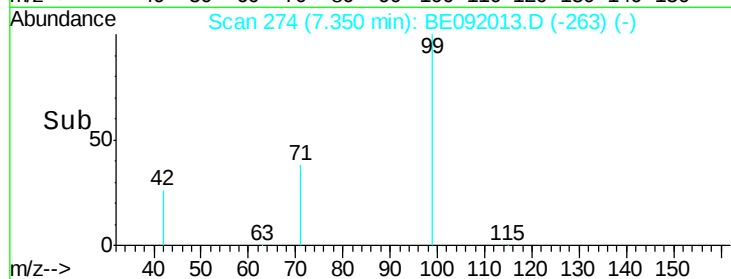
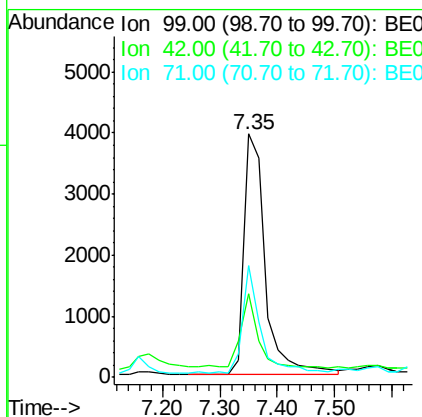
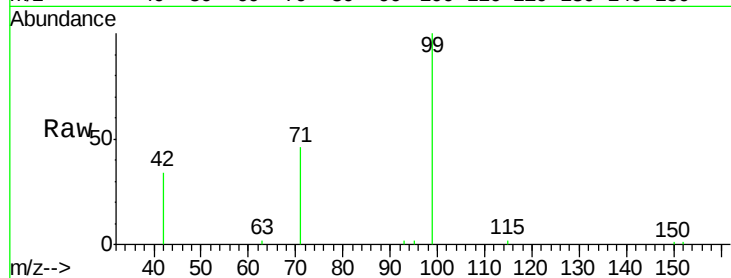
GW-04-5.5-13.0

Tgt Ion:	99	Resp:	10137
Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.6	29.4
71	38.3	28.1	42.1

Manual Integrations

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#8

Naphthalene-d8

Concen: 5.00 ng

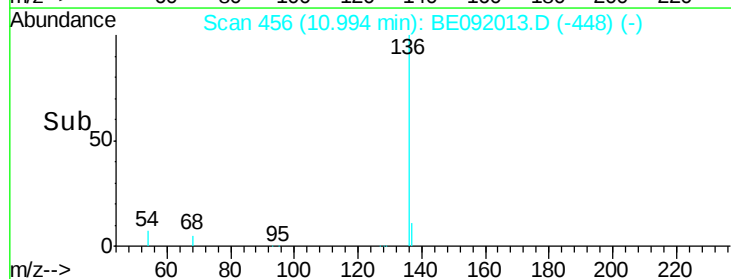
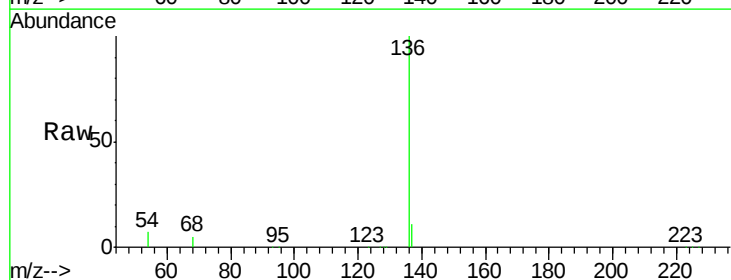
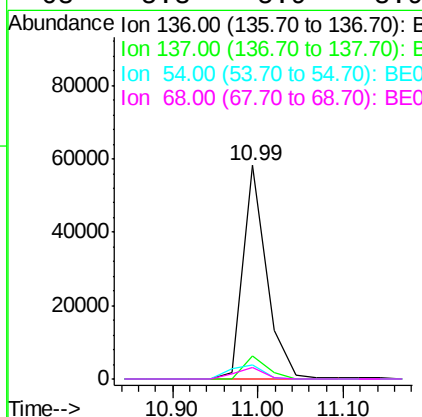
RT: 10.99 min Scan# 456

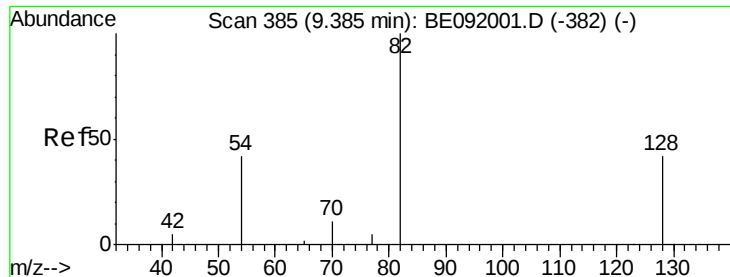
Delta R.T. -0.00 min

Lab File: BE092013.D

Acq: 22 Jul 2016 19:28

Tgt Ion:	136	Resp:	112199
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	6.9	8.2	12.4#
68	5.3	5.9	8.9#





#9

Nitrobenzene-d5

Concen: 3.10 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092013.D

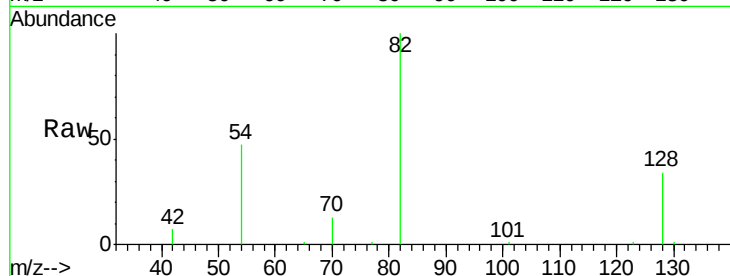
Acq: 22 Jul 2016 19:28

Instrument :

BNA_E

ClientSampleId :

GW-04-5.5-13.0



Tgt Ion: 82 Resp: 20911

Ion Ratio Lower Upper

82 100

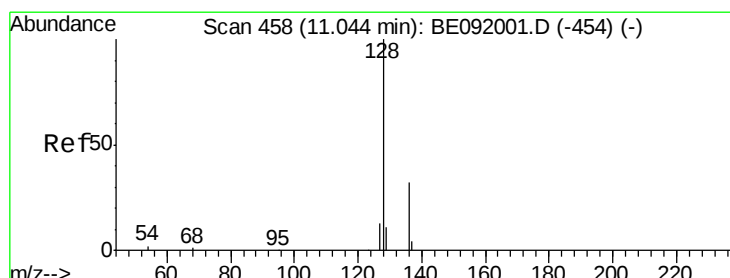
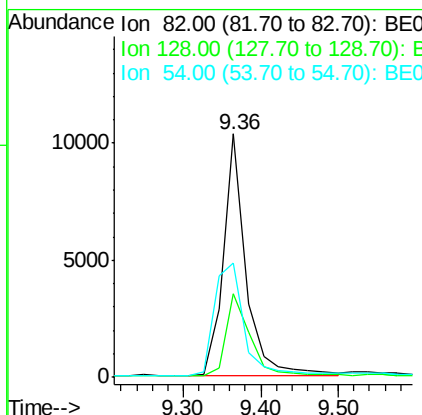
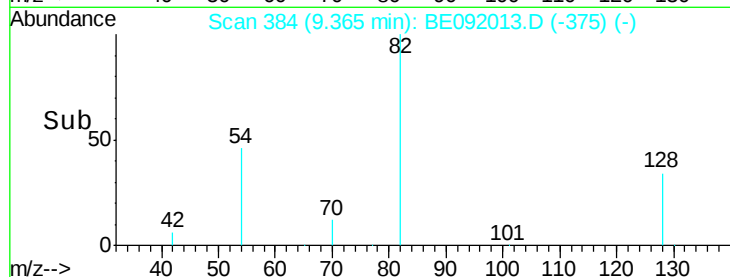
128 34.3 39.5 59.3#

54 46.8 30.3 45.5#

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#12

Naphthalene

Concen: 0.05 ng

RT: 11.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: BE092013.D

Acq: 22 Jul 2016 19:28

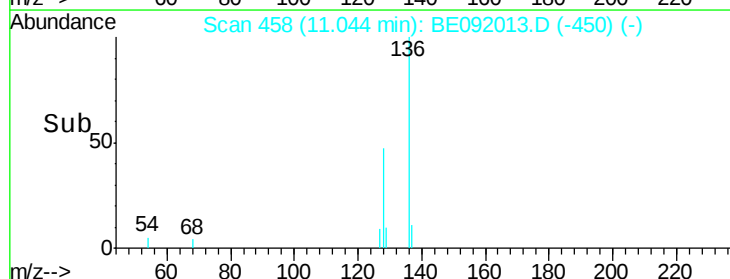
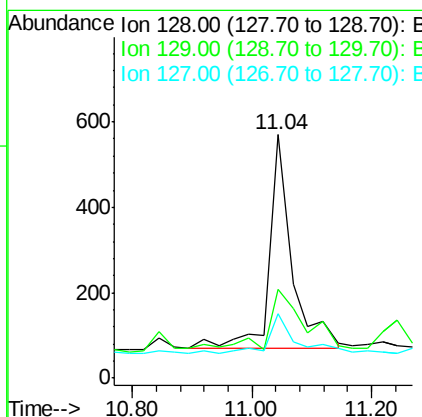
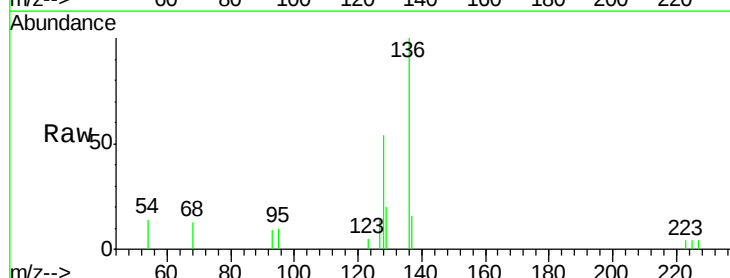
Tgt Ion: 128 Resp: 1340

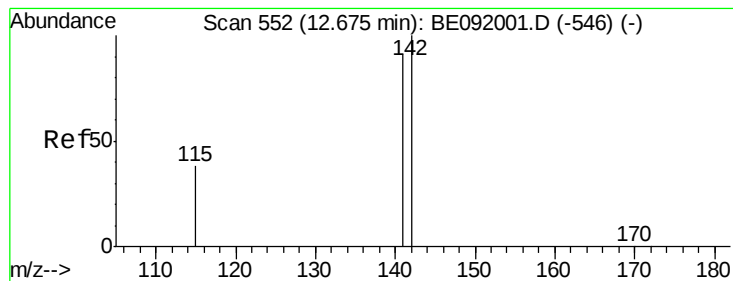
Ion Ratio Lower Upper

128 100

129 36.3 10.4 15.6#

127 26.5 10.2 15.2#





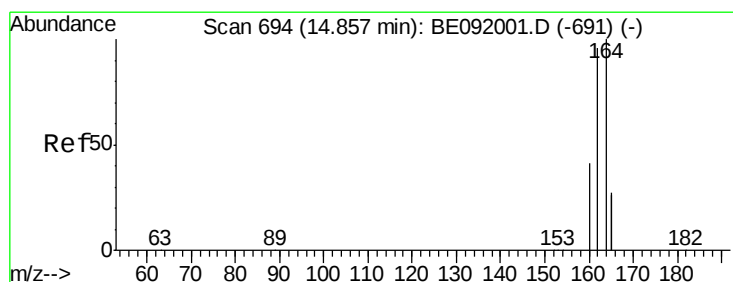
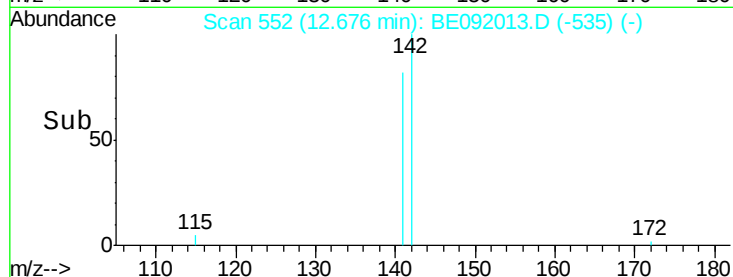
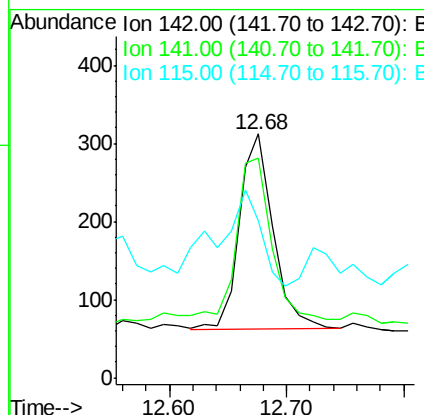
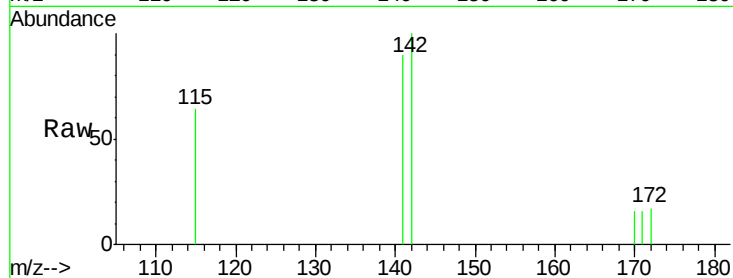
#14
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092013.D
Acq: 22 Jul 2016 19:28

Instrument :
BNA_E
ClientSampleId :
GW-04-5.5-13.0

Tgt Ion:142 Resp: 494
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9
115 64.4 29.9 44.9#

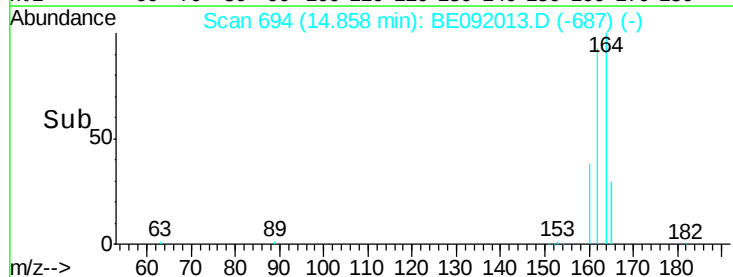
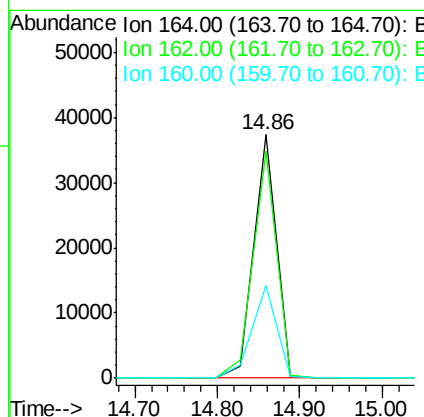
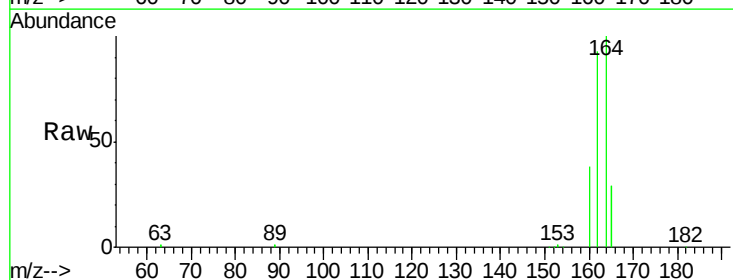
Manual Integrations

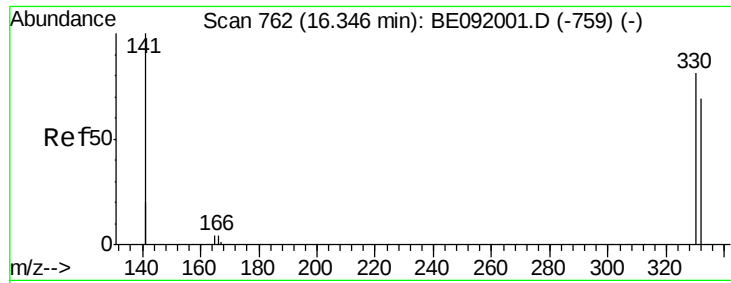
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#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE092013.D
Acq: 22 Jul 2016 19:28

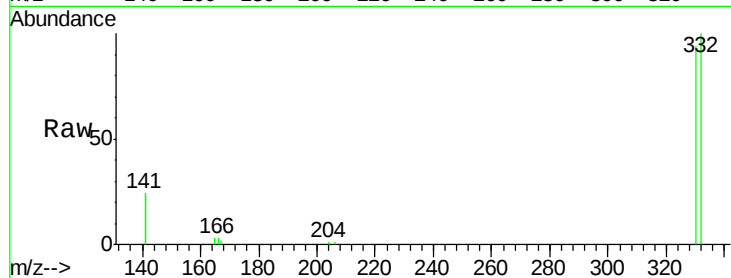
Tgt Ion:164 Resp: 71301
Ion Ratio Lower Upper
164 100
162 93.4 71.8 107.8
160 38.1 28.0 42.0





#16
 2,4,6-Tribromophenol
 Concen: 6.41 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092013.D
 Acq: 22 Jul 2016 19:28

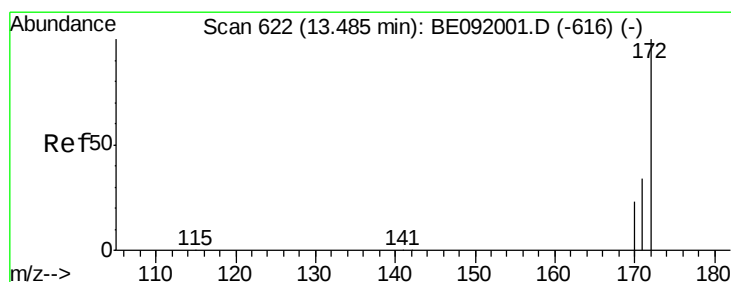
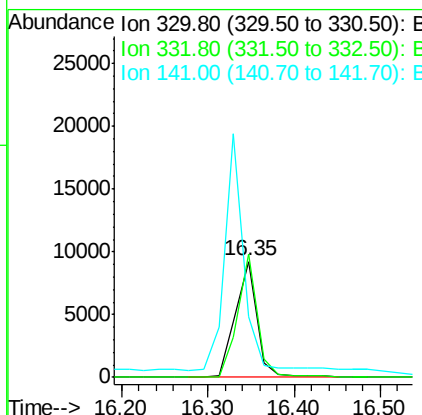
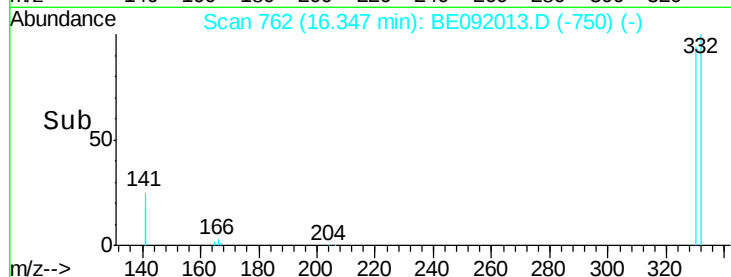
Instrument :
 BNA_E
 ClientSampled :
 GW-04-5.5-13.0



Tgt Ion: 330 Resp: 15766
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 189.6 138.4 207.6

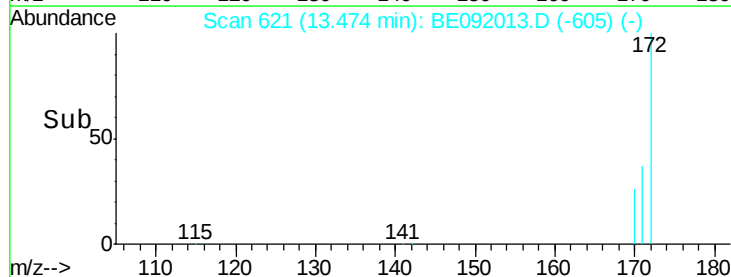
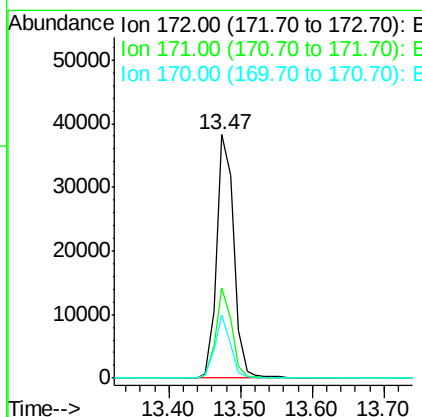
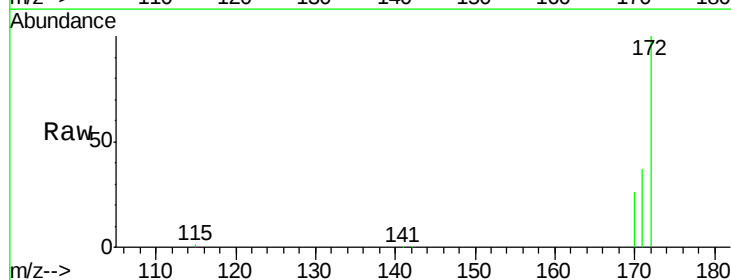
Manual Integrations

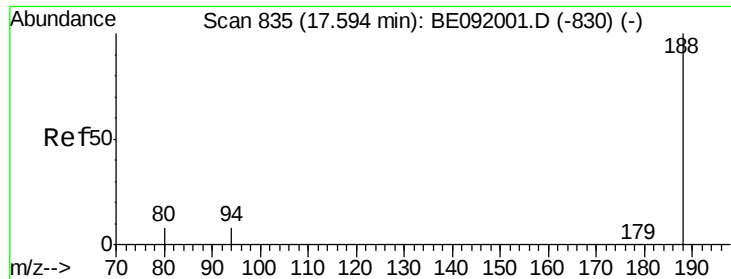
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#17
 2-Fluorobiphenyl
 Concen: 3.37 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BE092013.D
 Acq: 22 Jul 2016 19:28

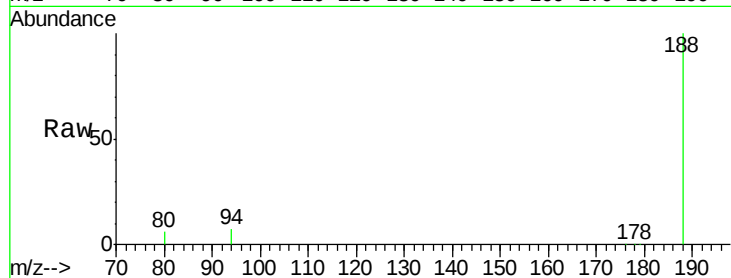
Tgt Ion: 172 Resp: 63124
 Ion Ratio Lower Upper
 172 100
 171 36.8 24.3 36.5#
 170 26.2 14.9 22.3#





#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE092013.D
Acq: 22 Jul 2016 19:28

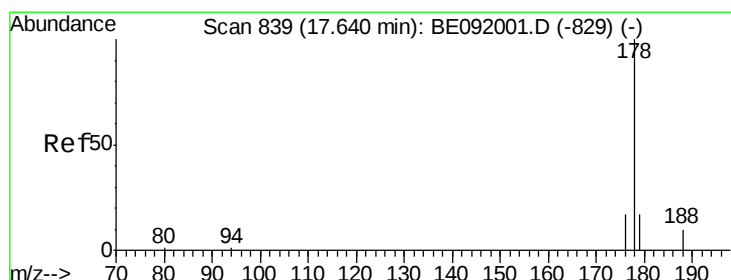
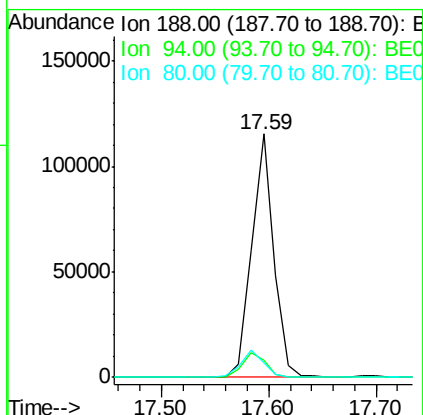
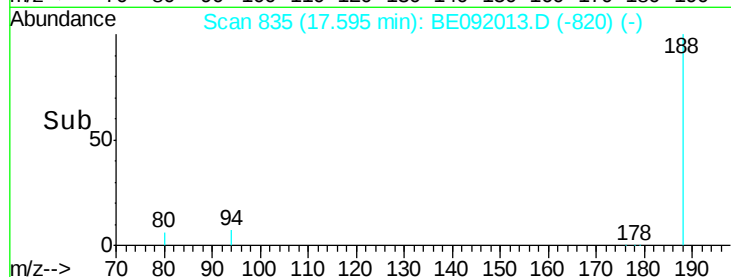
Instrument :
BNA_E
ClientSampleId :
GW-04-5.5-13.0



Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	4.1	6.1#
80	6.1	3.4	5.2#

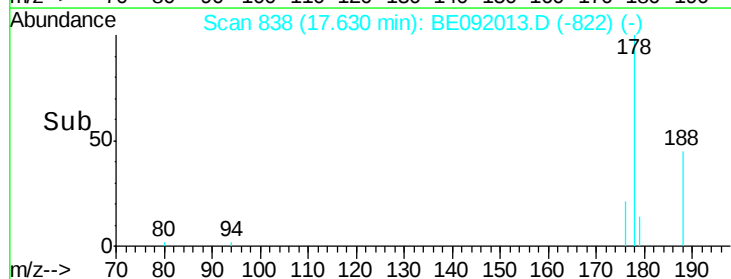
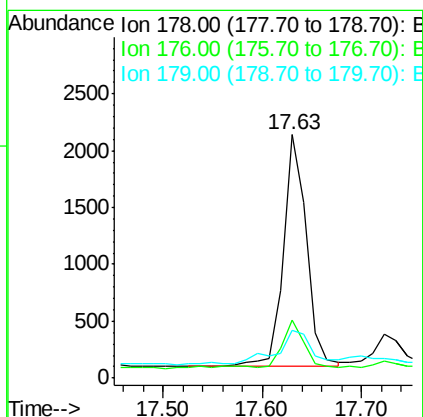
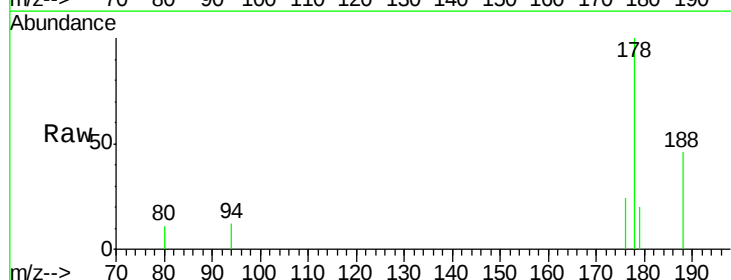
Manual Integrations

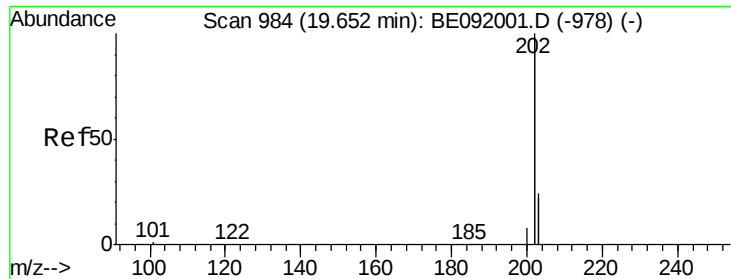
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#28
Phenanthrene
Concen: 0.08 ng
RT: 17.63 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE092013.D
Acq: 22 Jul 2016 19:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	21.4	12.9	19.3#





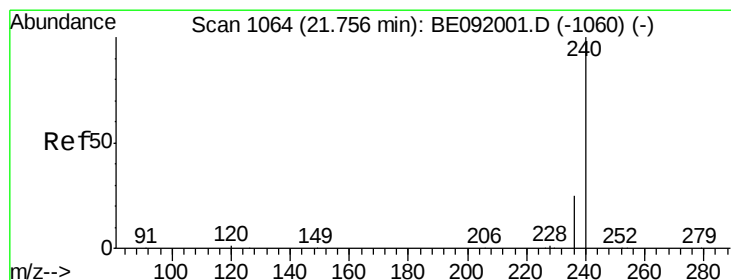
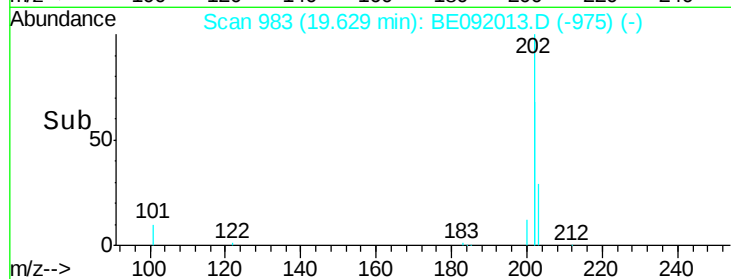
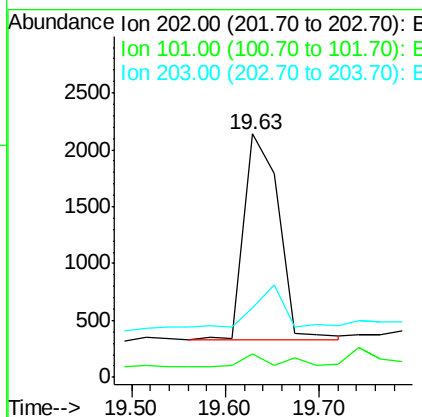
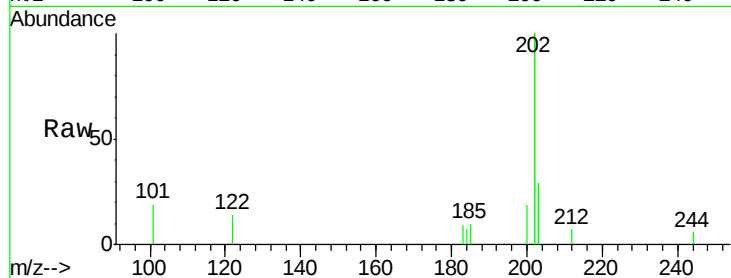
#30
Fluoranthene
 Concen: 0.03 ng
 RT: 19.63 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BE092013.D
 Acq: 22 Jul 2016 19:28

Instrument :
 BNA_E
 ClientSampleId :
 GW-04-5.5-13.0

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	9.4	14.0#
203	0.0	14.3	21.5#

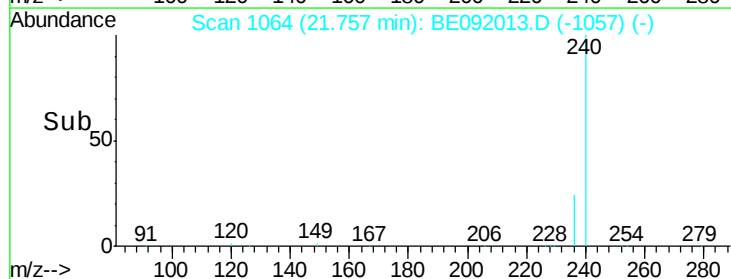
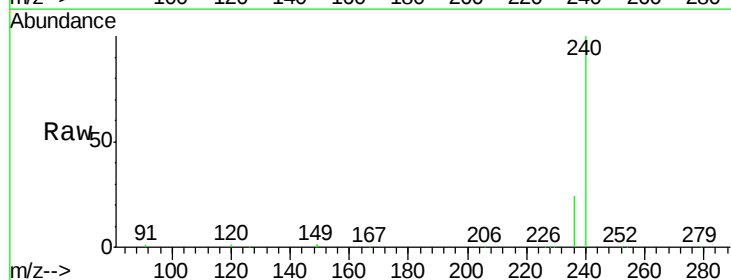
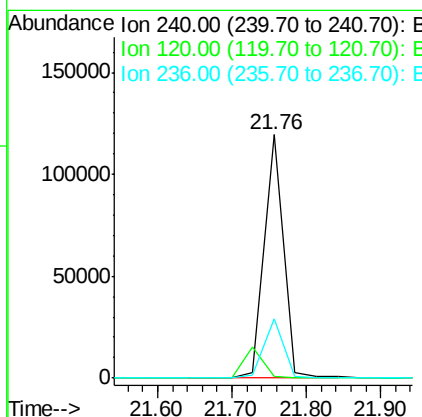
Manual Integrations

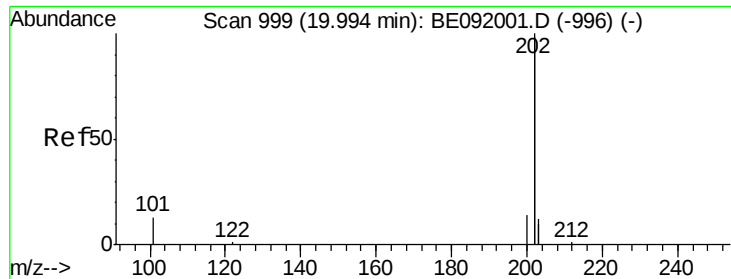
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#31
Chrysene-d12
 Concen: 5.00 ng
 RT: 21.76 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BE092013.D
 Acq: 22 Jul 2016 19:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	0.8	1.2	1.8#
236	24.3	19.8	29.8





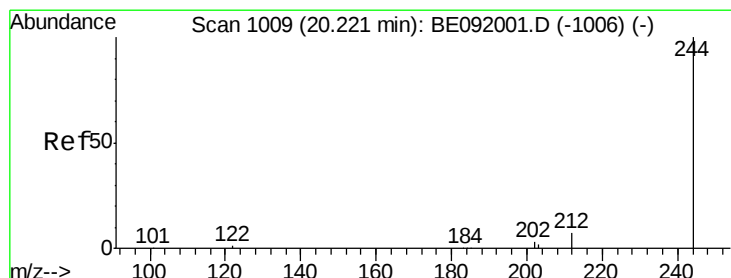
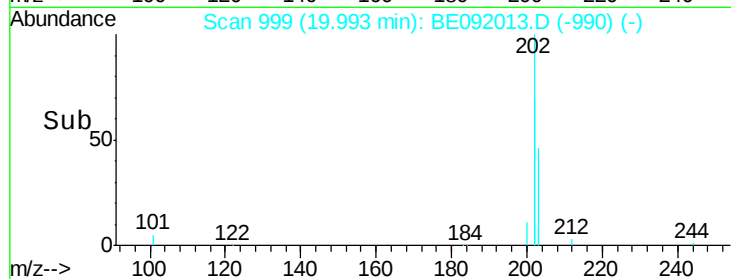
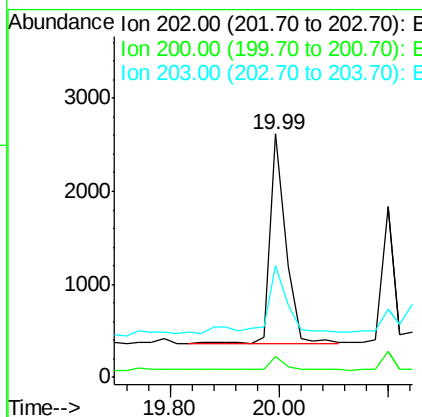
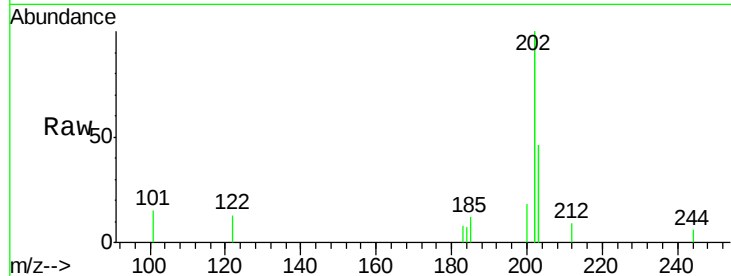
#33
 Pyrene
 Concen: 0.03 ng
 RT: 19.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BE092013.D
 Acq: 22 Jul 2016 19:28

Instrument :
 BNA_E
 ClientSampleId :
 GW-04-5.5-13.0

Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.8	16.9	25.3#
203	35.2	14.1	21.1#

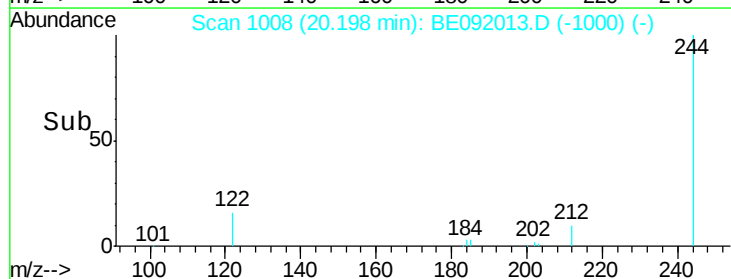
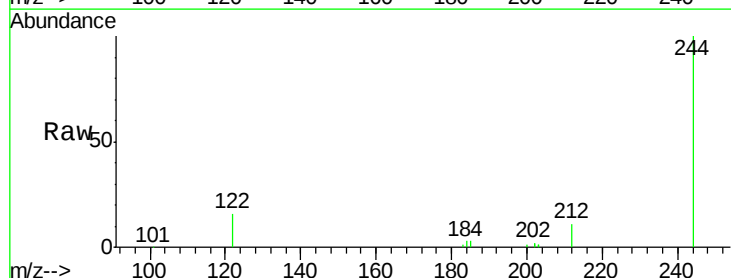
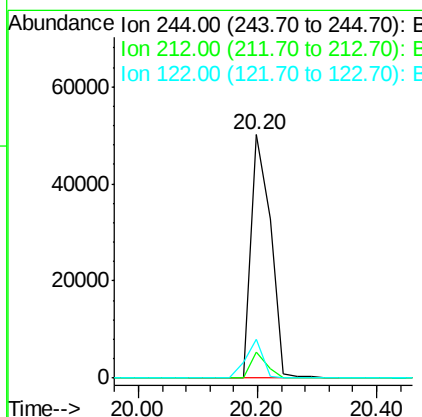
Manual Integrations

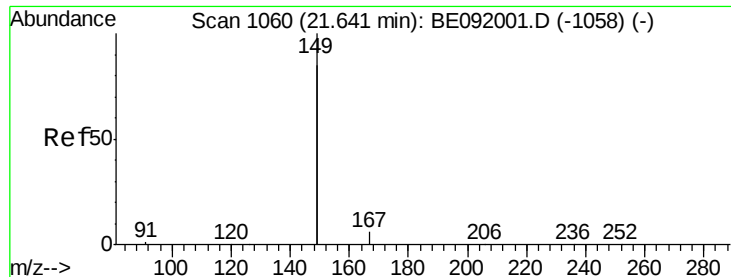
sohil
 7/25/2016 6:46:08 PM



#34
 Terphenyl-d14
 Concen: 5.29 ng
 RT: 20.20 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BE092013.D
 Acq: 22 Jul 2016 19:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	6.5	9.7#
122	15.9	2.9	4.3#





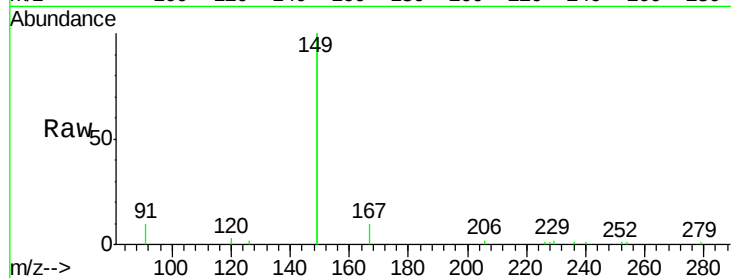
#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.62 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE092013.D
 Acq: 22 Jul 2016 19:28

Instrument :
 BNA_E
 ClientSampleId :
 GW-04-5.5-13.0

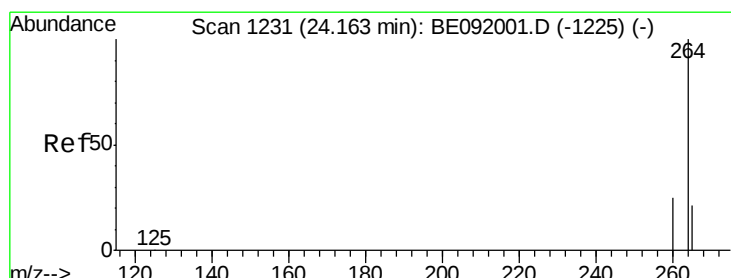
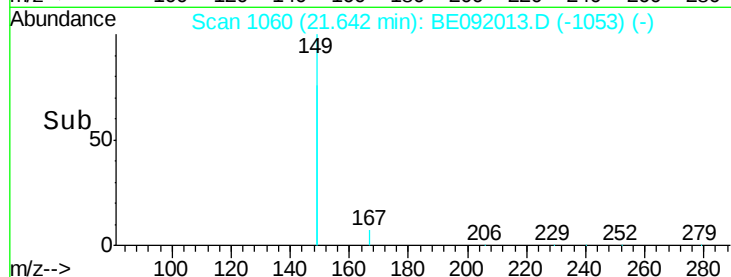
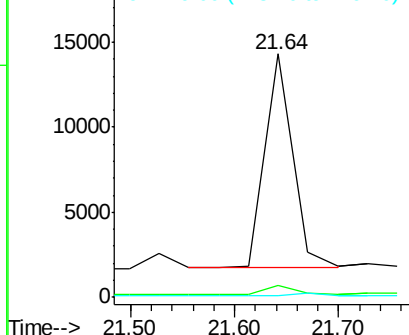
Tgt Ion	Ratio	Lower	Upper
149	100		
167	4.3	0.0	0.0#
279	0.0	0.0	0.0

Manual Integrations

sohil
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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



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BE092013.D
 Acq: 22 Jul 2016 19:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.3	30.5
265	22.3	17.6	26.4

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

