

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080416\
 Data File : BE092206.D
 Acq On : 5 Aug 2016 6:26
 Operator : UM/SJ
 Sample : H4288-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-62-8.0-15.0

Quant Time: Aug 05 07:45:35 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 16:59:37 2016
 Response via : Initial Calibration

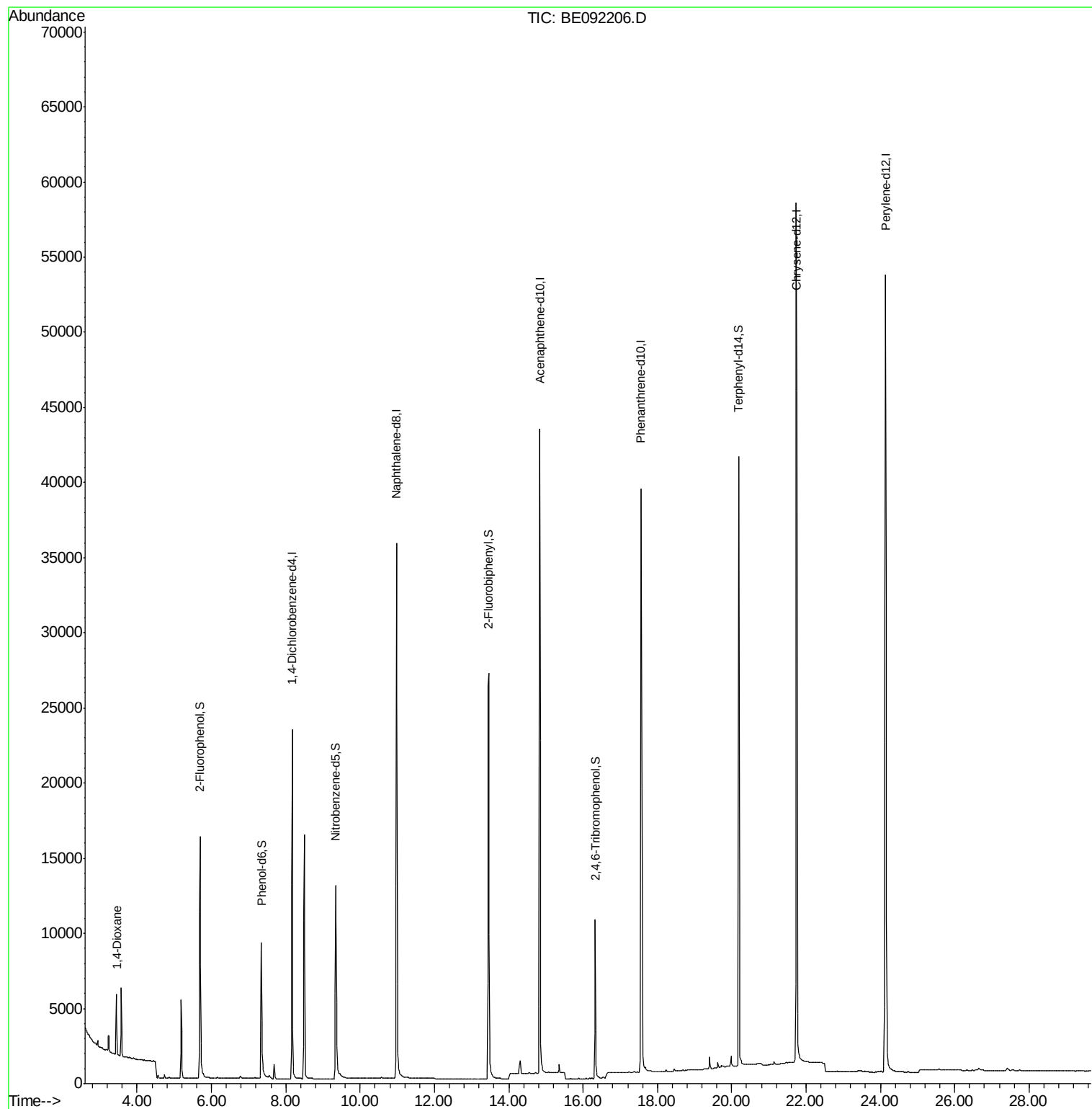
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11987	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	54458	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	29292	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	67673	5.00	ng	-0.02
22) Chrysene-d12	21.73	240	80117	5.00	ng	-0.02
28) Perylene-d12	24.14	264	83689	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	14224	4.62	ng	0.00
5) Phenol-d6	7.35	99	12282	2.99	ng	0.00
7) Nitrobenzene-d5	9.34	82	14771	3.44	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	8048	8.46	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	33384	3.60	ng	0.00
24) Terphenyl-d14	20.19	244	48602	4.22	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.44	88	2435	1.49	ng	Qvalue # 85

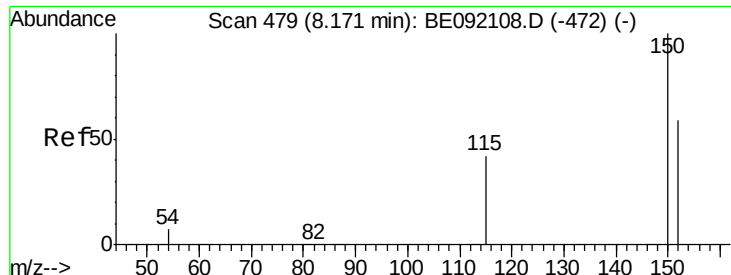
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE092206.D

Acq: 5 Aug 2016 6:26

Instrument :

BNA_E

ClientSampleId :

GW-62-8.0-15.0

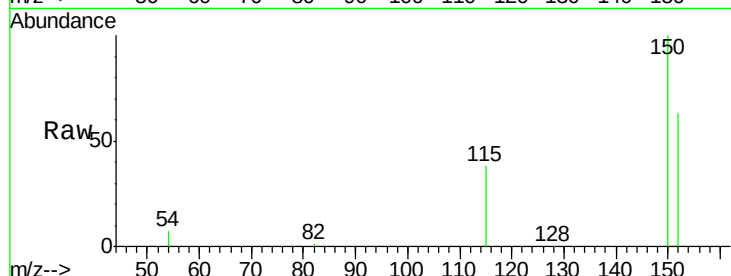
Tot Ion:152 Resp: 11987

Ion Ratio Lower Upper

152 100

150 158.8 106.0 159.0

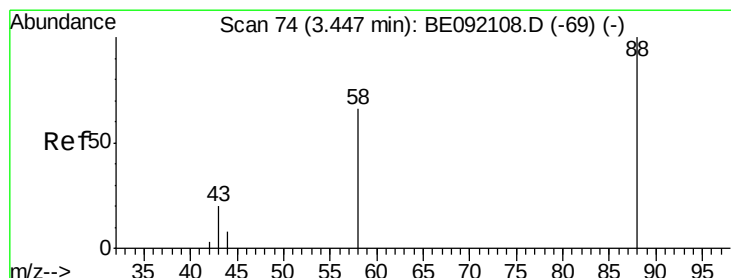
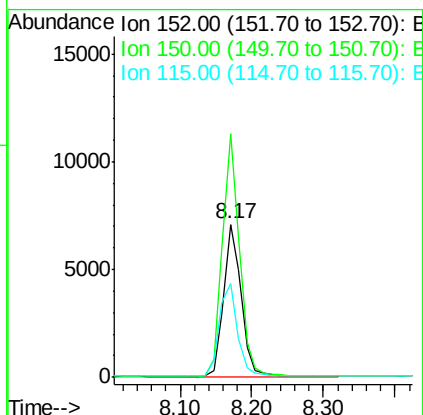
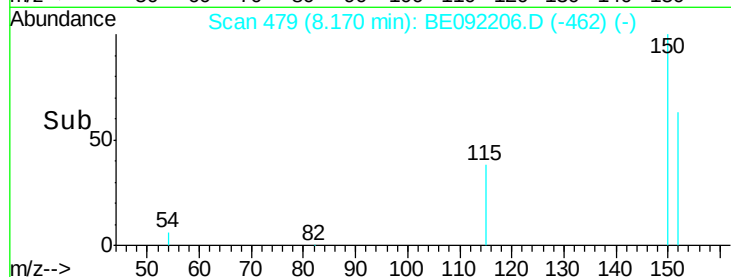
115 61.0 36.9 55.3#



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



#2

1,4-Dioxane

Concen: 1.49 ng

RT: 3.44 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE092206.D

Acq: 5 Aug 2016 6:26

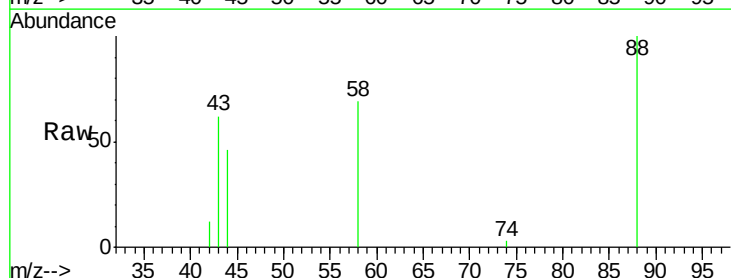
Tgt Ion: 88 Resp: 2435

Ion Ratio Lower Upper

88 100

58 88.0 62.1 93.1

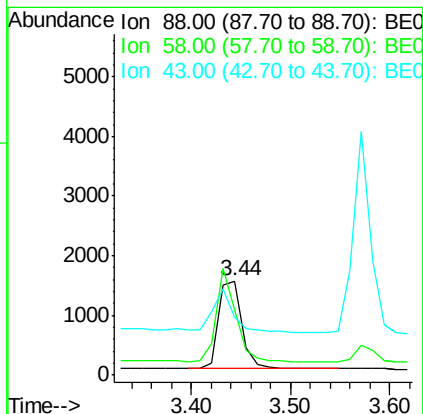
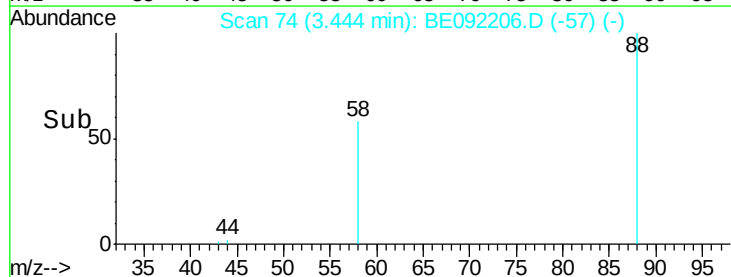
43 46.3 27.2 40.8#

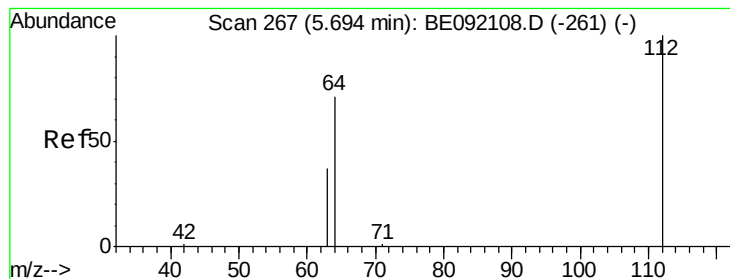


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 4.62 ng

RT: 5.69 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092206.D

Acq: 5 Aug 2016 6:26

Instrument :

BNA_E

ClientSampleId :

GW-62-8.0-15.0

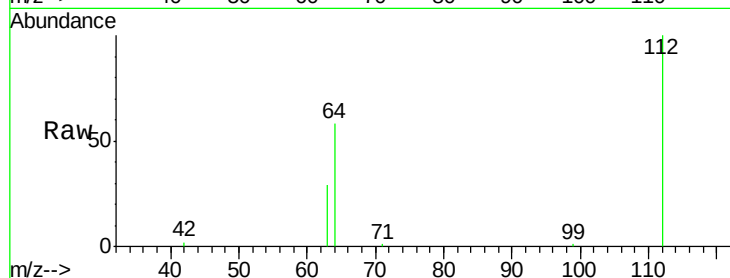
Tot Ion:112 Resp: 14224

Ion Ratio Lower Upper

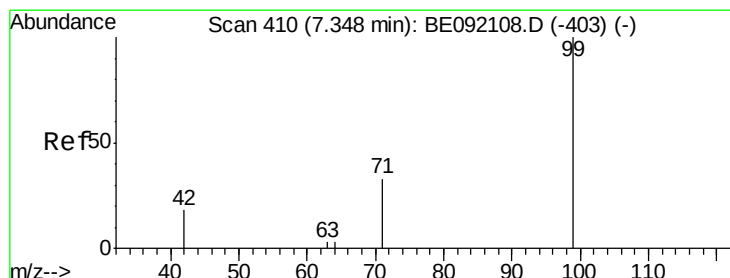
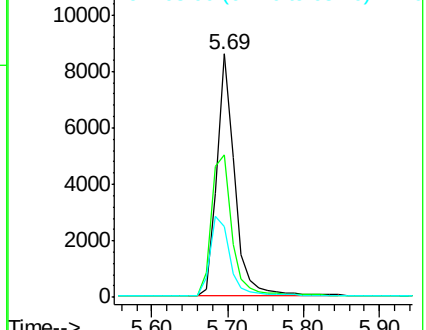
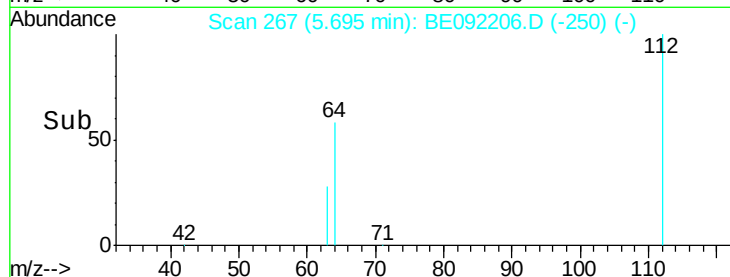
112 100

64 66.6 55.9 83.9

63 36.5 31.1 46.7



Abundance Ion 112.00 (111.70 to 112.70): BE092206.D (-250) (-)



#5

Phenol-d6

Concen: 2.99 ng

RT: 7.35 min Scan# 410

Delta R.T. 0.00 min

Lab File: BE092206.D

Acq: 5 Aug 2016 6:26

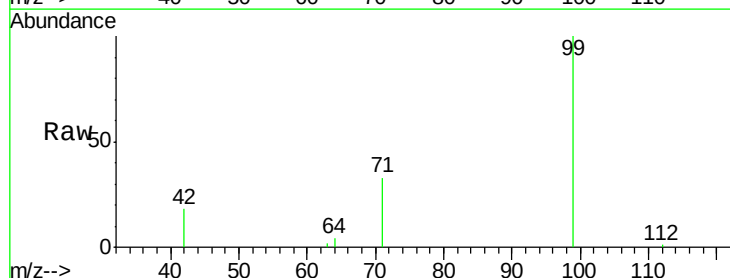
Tgt Ion: 99 Resp: 12282

Ion Ratio Lower Upper

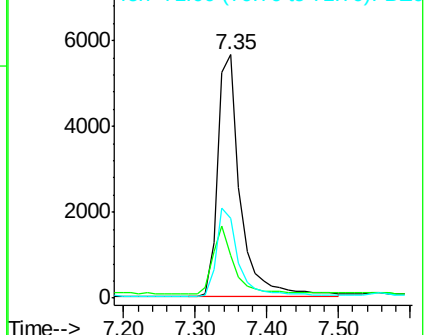
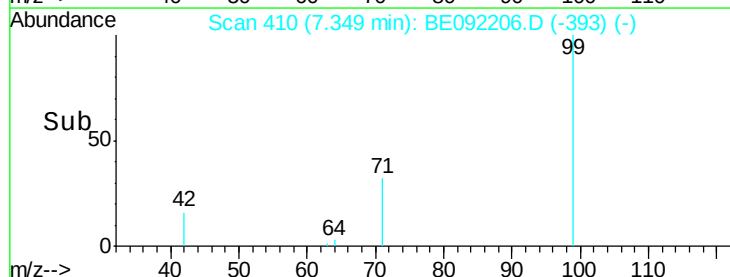
99 100

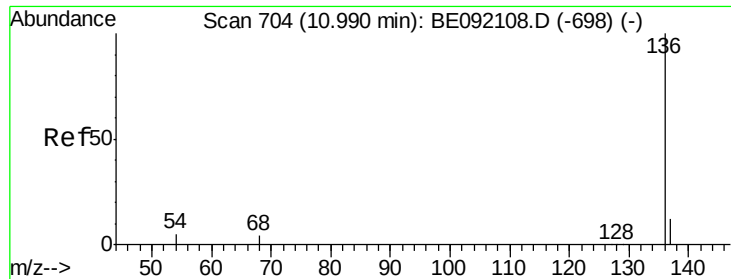
42 25.3 22.4 33.6

71 35.7 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE092206.D (-393) (-)

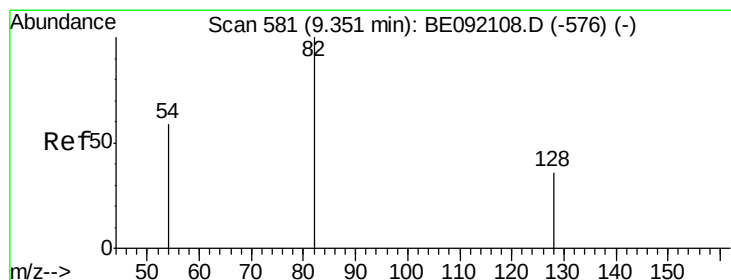
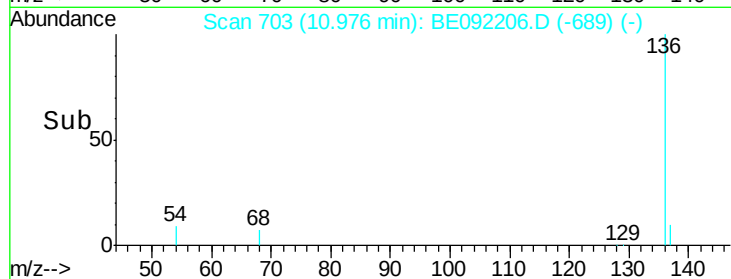
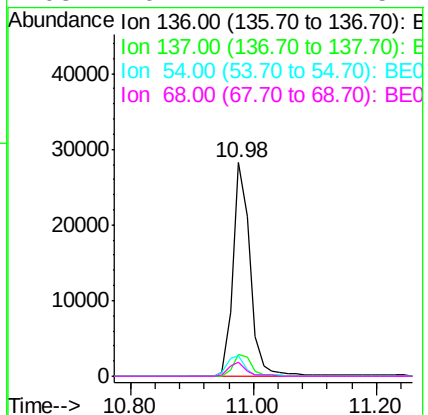
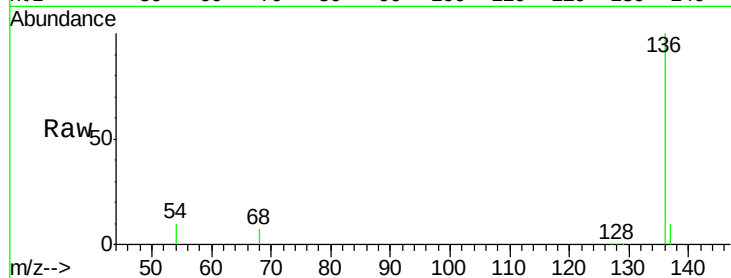




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.98 min Scan# 703
Delta R.T. -0.01 min
Lab File: BE092206.D
Acq: 5 Aug 2016 6:26

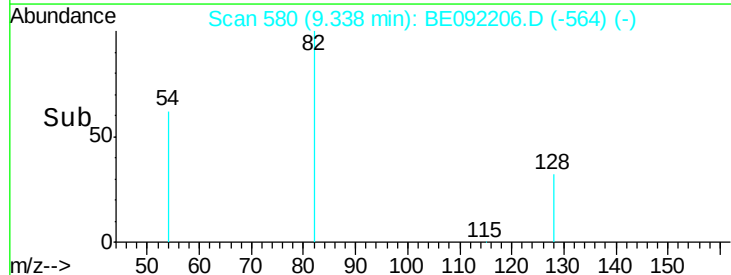
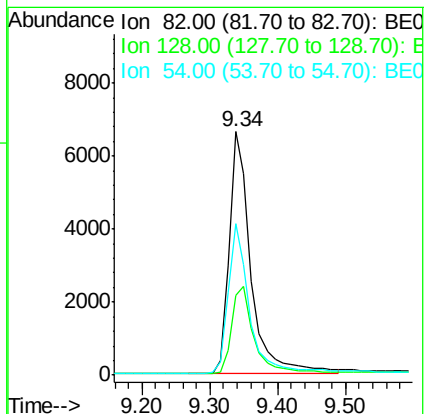
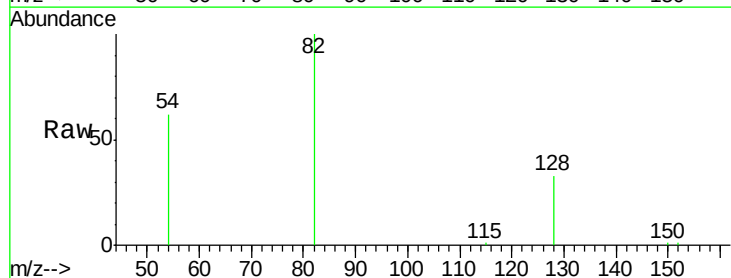
Instrument :
BNA_E
ClientSampleId :
GW-62-8.0-15.0

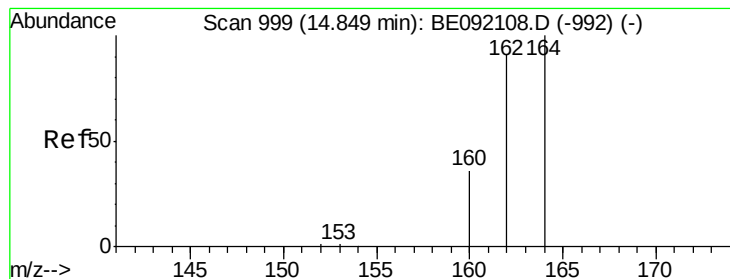
Tot Ion:136 Resp: 54458
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 9.6 2.7 4.1#
68 6.7 2.2 3.4#



#7
Nitrobenzene-d5
Concen: 3.44 ng
RT: 9.34 min Scan# 580
Delta R.T. -0.01 min
Lab File: BE092206.D
Acq: 5 Aug 2016 6:26

Tgt Ion: 82 Resp: 14771
Ion Ratio Lower Upper
82 100
128 32.9 33.0 49.4#
54 62.4 42.6 63.8





#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 998

Delta R.T. -0.02 min

Lab File: BE092206.D

Acq: 5 Aug 2016 6:26

Instrument :

BNA_E

ClientSampleId :

GW-62-8.0-15.0

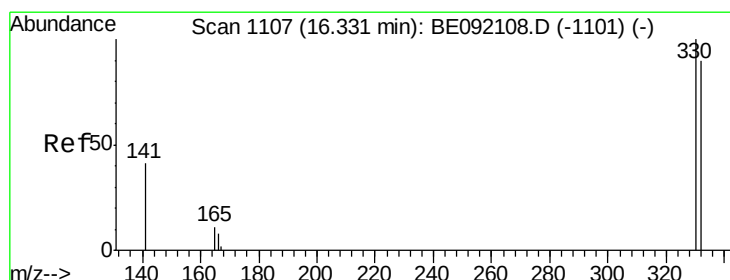
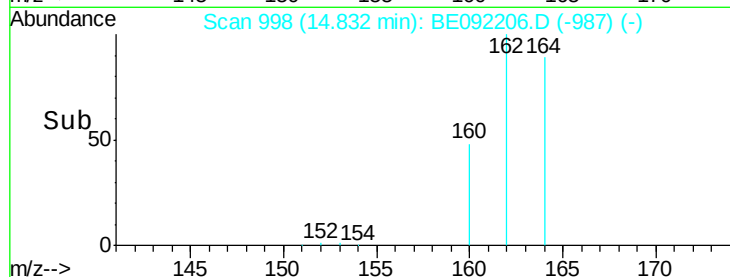
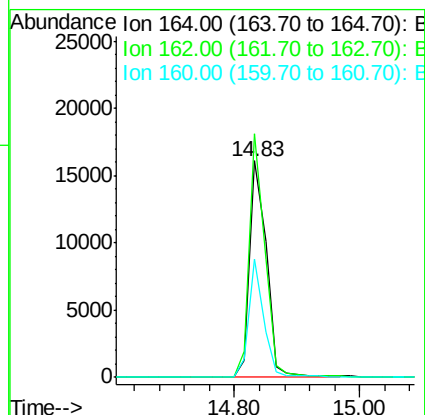
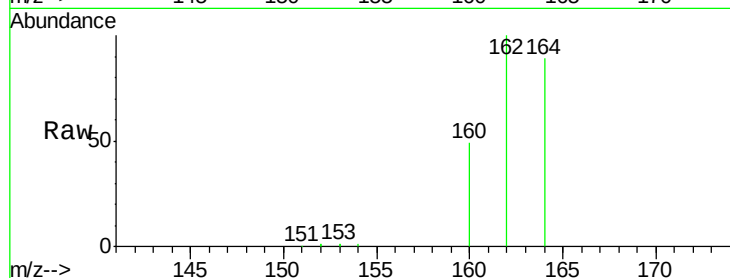
Tot Ion:164 Resp: 29292

Ion Ratio Lower Upper

164 100

162 112.6 69.5 104.3#

160 54.8 27.6 41.4#



#11

2,4,6-Tribromophenol

Concen: 8.46 ng

RT: 16.33 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BE092206.D

Acq: 5 Aug 2016 6:26

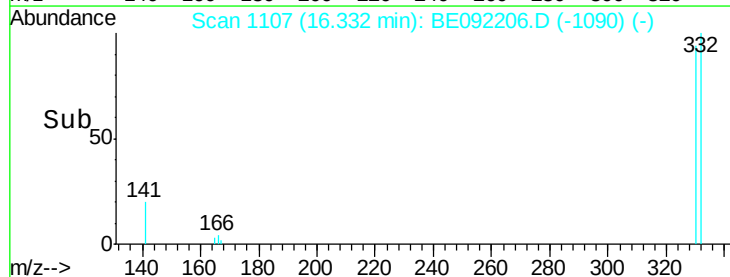
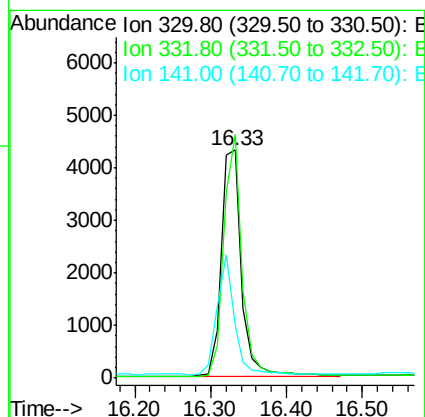
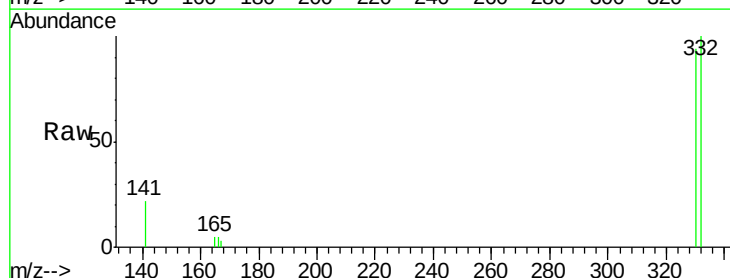
Tgt Ion:330 Resp: 8048

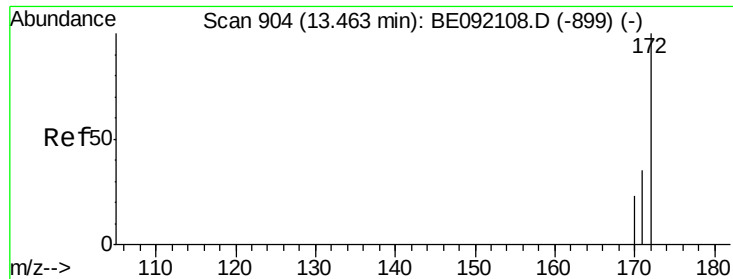
Ion Ratio Lower Upper

330 100

332 96.9 74.2 111.4

141 45.1 139.8 209.8#

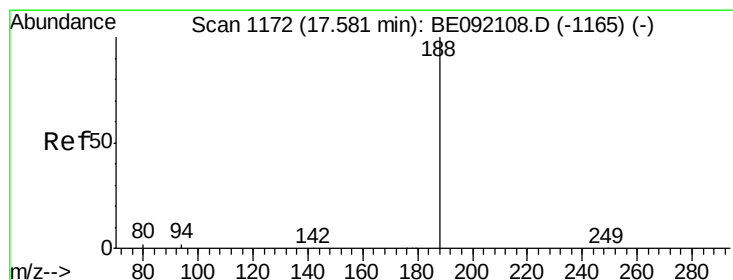
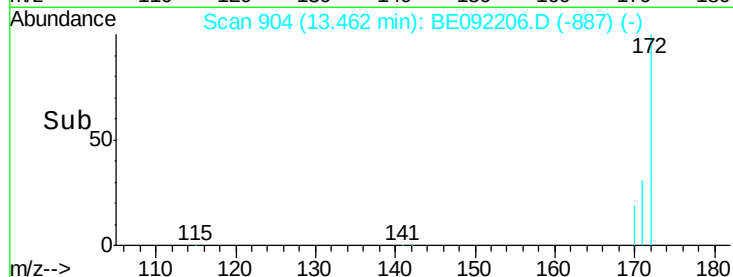
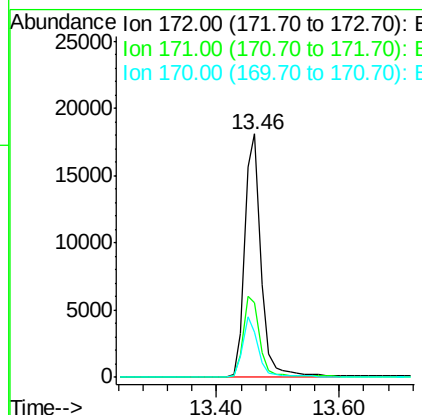
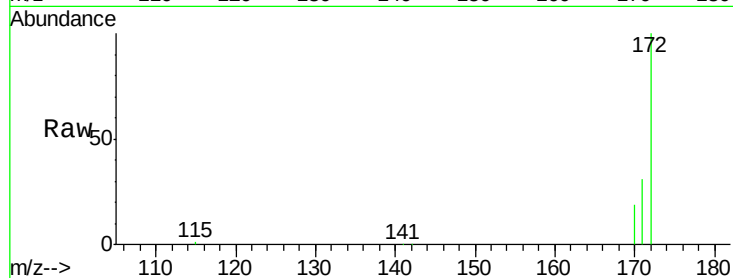




#12
2-Fluorobiphenyl
Concen: 3.60 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092206.D
Acq: 5 Aug 2016 6:26

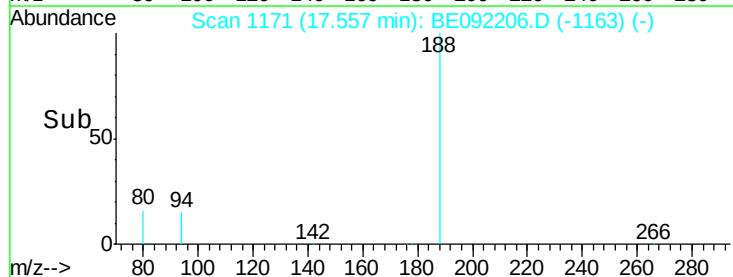
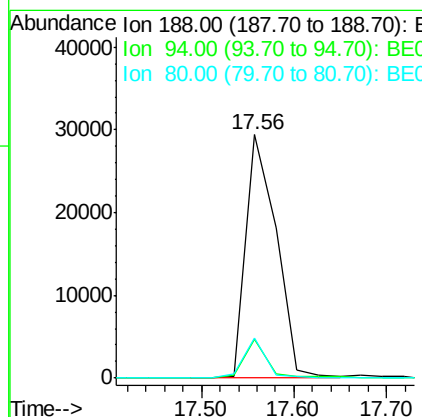
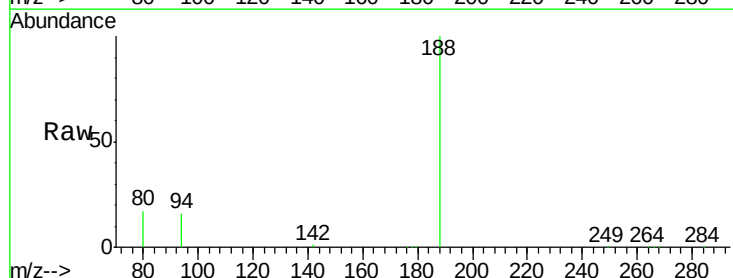
Instrument :
BNA_E
ClientSampleId :
GW-62-8.0-15.0

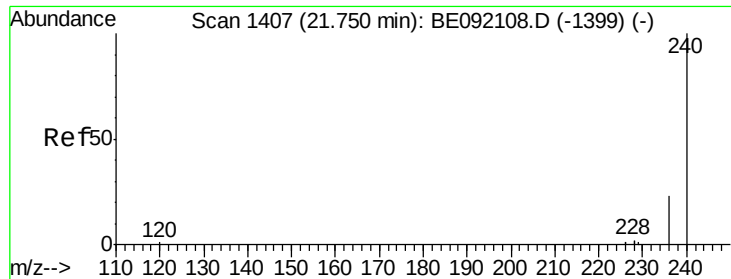
Tot Ion:172 Resp: 33384
Ion Ratio Lower Upper
172 100
171 30.8 30.3 45.5
170 18.8 21.6 32.4#



#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092206.D
Acq: 5 Aug 2016 6:26

Tgt Ion:188 Resp: 67673
Ion Ratio Lower Upper
188 100
94 15.7 3.9 5.9#
80 16.7 3.4 5.0#

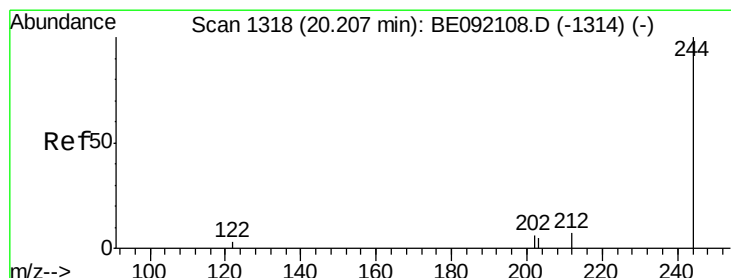
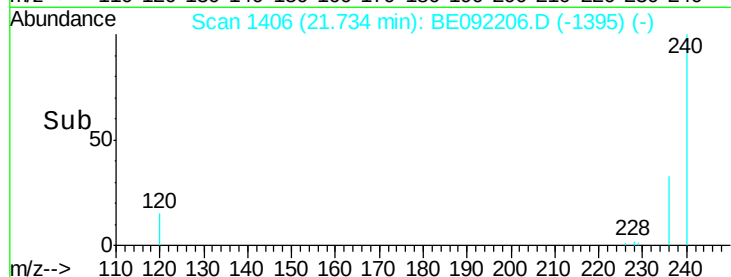
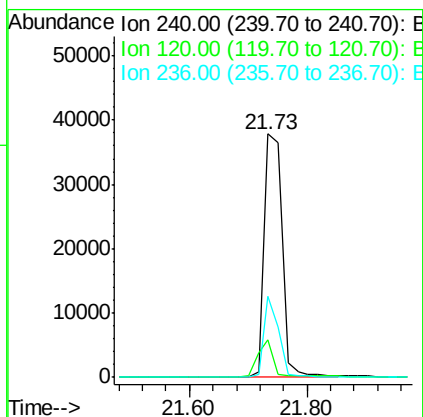
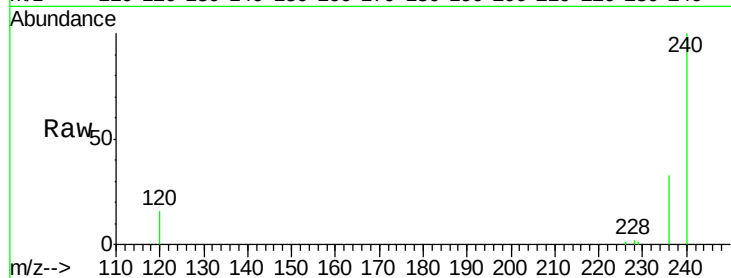




#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.73 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BE092206.D
Acq: 5 Aug 2016 6:26

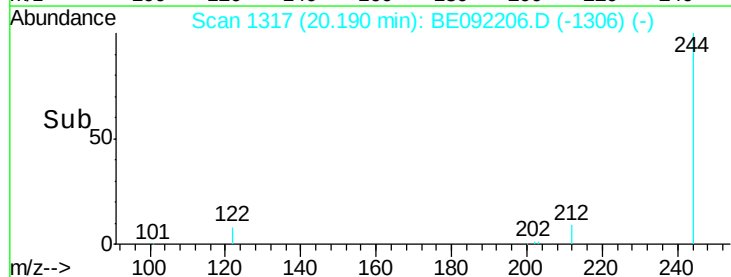
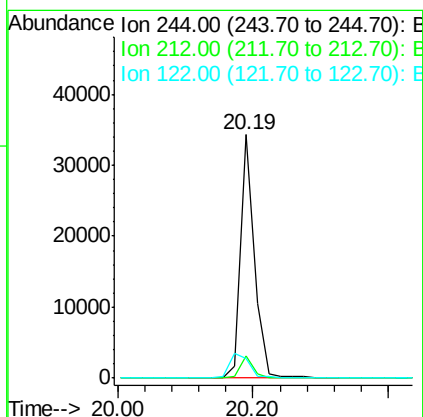
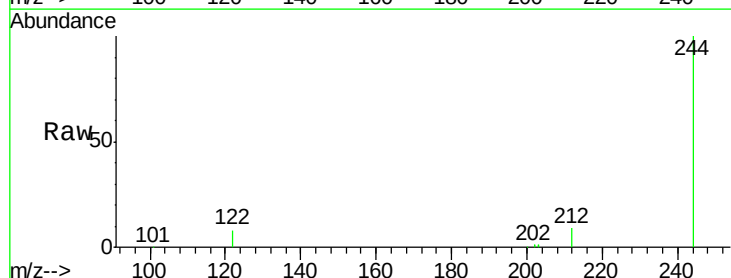
Instrument :
BNA_E
ClientSampleId :
GW-62-8.0-15.0

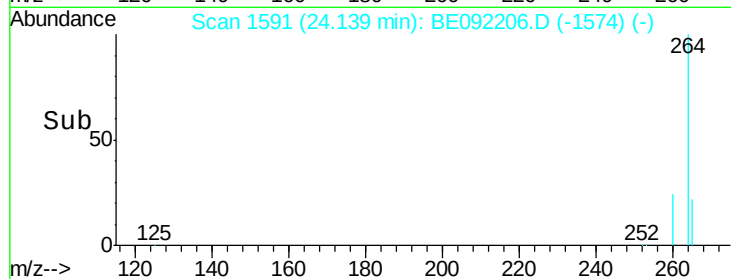
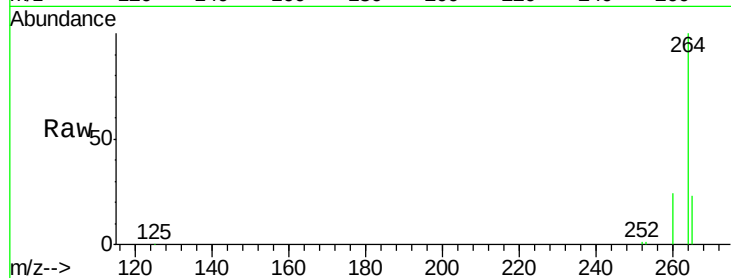
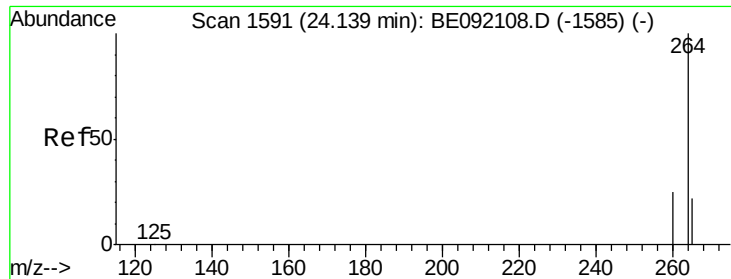
Tot Ion:240 Resp: 80117
Ion Ratio Lower Upper
240 100
120 15.6 0.6 1.0#
236 33.4 18.2 27.4#



#24
Terphenyl-d14
Concen: 4.22 ng
RT: 20.19 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BE092206.D
Acq: 5 Aug 2016 6:26

Tgt Ion:244 Resp: 48602
Ion Ratio Lower Upper
244 100
212 9.0 9.1 13.7#
122 8.1 11.0 16.4#





#28

Pervlene-d12

Concen: 5.00 ng

RT: 24.14 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BE092206.D

Acq: 5 Aug 2016 6:26

Instrument :

BNA_E

ClientSampleId :

GW-62-8.0-15.0

Tot Ion:264 Resp: 83689

Ion Ratio Lower Upper

264 100

260 24.5 20.8 31.2

265 22.6 16.6 25.0

