

Data Path : Z:\HPCHEM1\BNA_E\Data\BE080316\
 Data File : BE092179.D
 Acq On : 4 Aug 2016 12:50
 Operator : UM/SJ
 Sample : PB92467BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92567BL

Quant Time: Aug 04 14:27:40 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

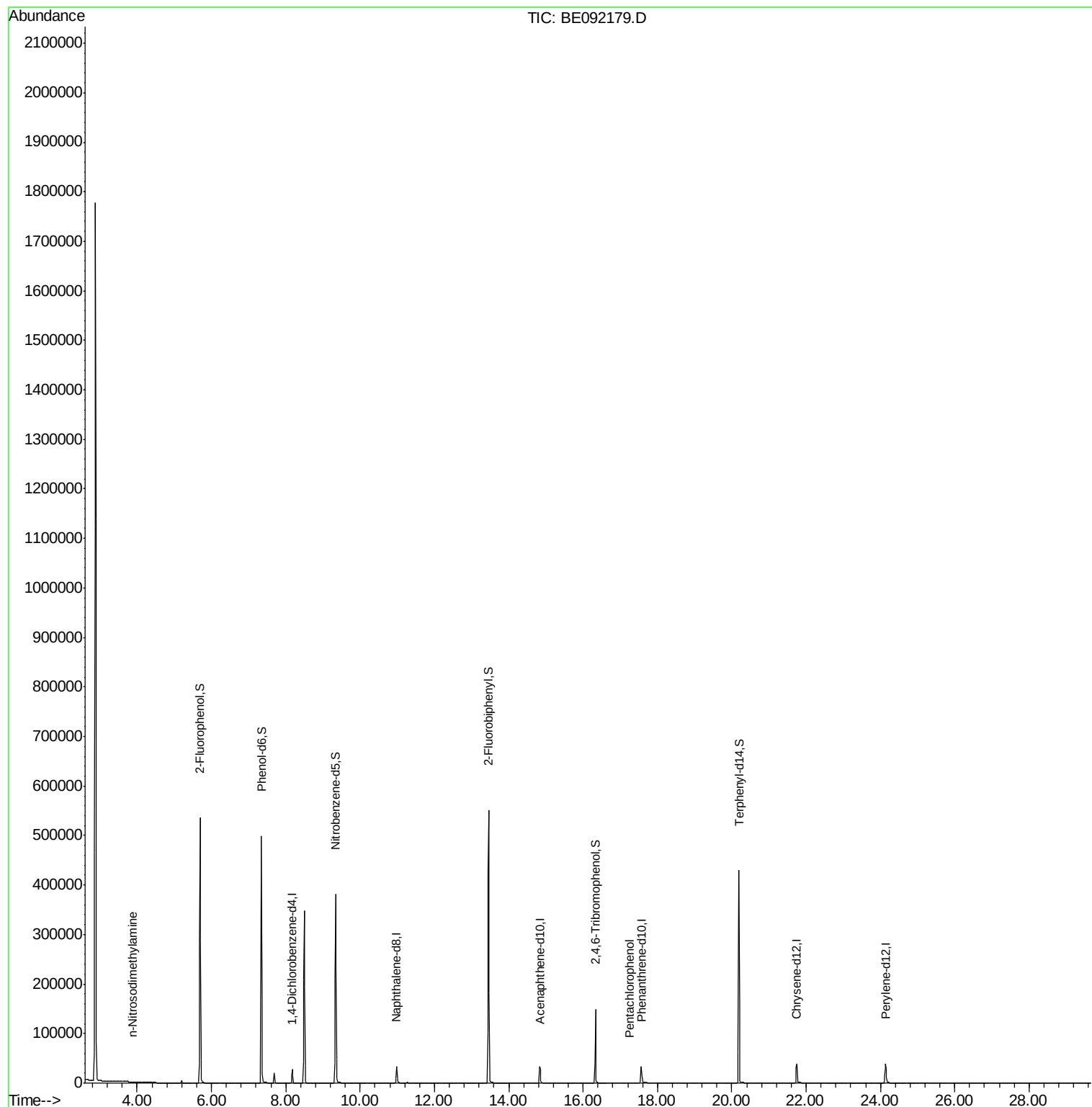
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	13854	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	57015	5.00	ng	-0.01
10) Acenaphthene-d10	14.85	164	27910	5.00	ng	0.00
16) Phenanthrene-d10	17.56	188	55832	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	56309	5.00	ng	0.00
28) Perylene-d12	24.14	264	60025	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	403138	113.31	ng	0.00
5) Phenol-d6	7.35	99	527897	111.37	ng	0.00
7) Nitrobenzene-d5	9.34	82	327624	72.82	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	107718	118.86	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	566889	64.10	ng	0.00
24) Terphenyl-d14	20.19	244	536284	66.32	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.87	42	9	0.09	ng	# 65
8) Naphthalene	11.03	128	54	Below Cal		# 1
18) Pentachlorophenol	17.26	266	19	0.21	ng	# 77
19) Phenanthrene	17.61	178	93	Below Cal		# 82
30) Benzo(k)fluoranthene	23.41	252	42	Below Cal		# 1

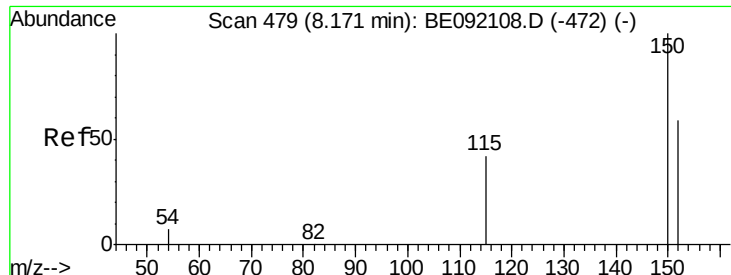
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092179.D

Acq: 4 Aug 2016 12:50

Instrument :

BNA_E

ClientSampleId :

PB92567BL

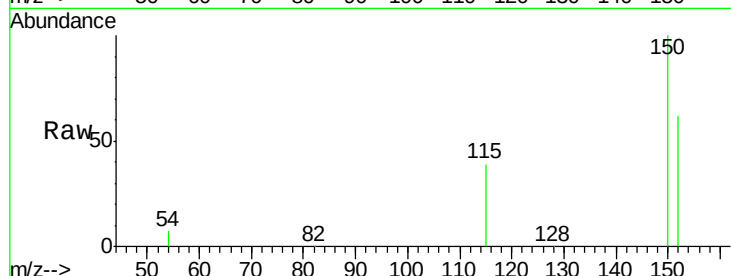
Tgt Ion:152 Resp: 13854

Ion Ratio Lower Upper

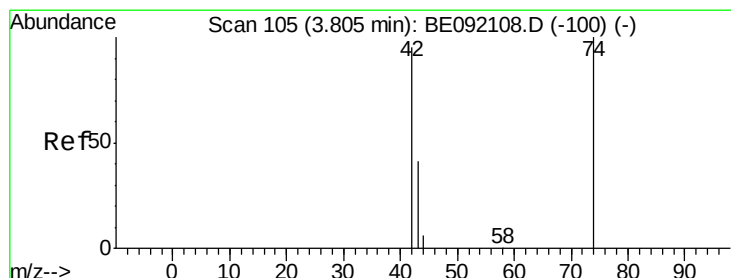
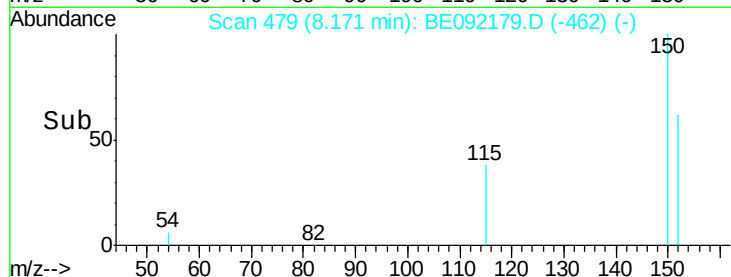
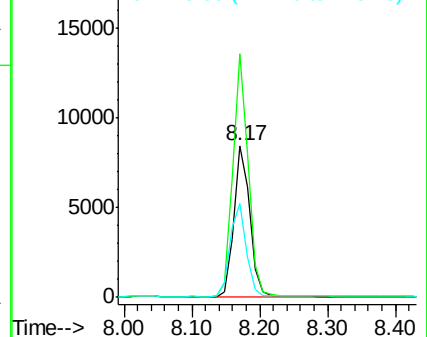
152 100

150 160.8 106.0 159.0#

115 62.1 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



#3

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.87 min Scan# 111

Delta R.T. 0.07 min

Lab File: BE092179.D

Acq: 4 Aug 2016 12:50

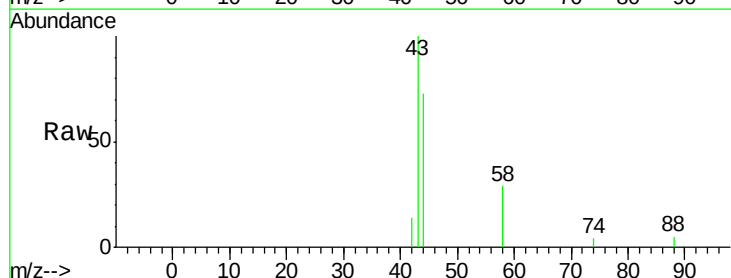
Tgt Ion: 42 Resp: 9

Ion Ratio Lower Upper

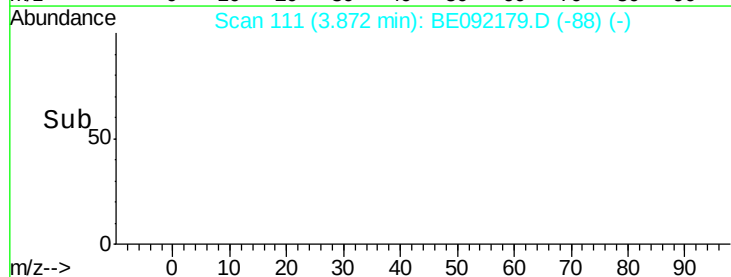
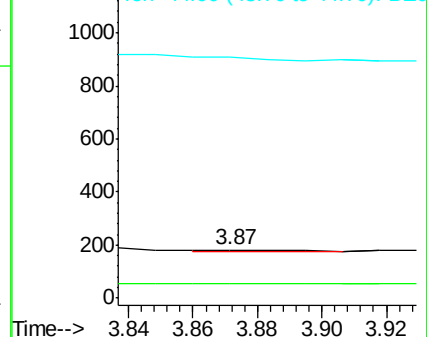
42 100

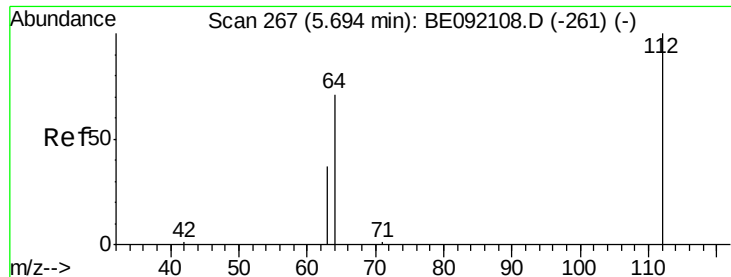
74 66.7 82.8 124.2#

44 0.0 9.0 13.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

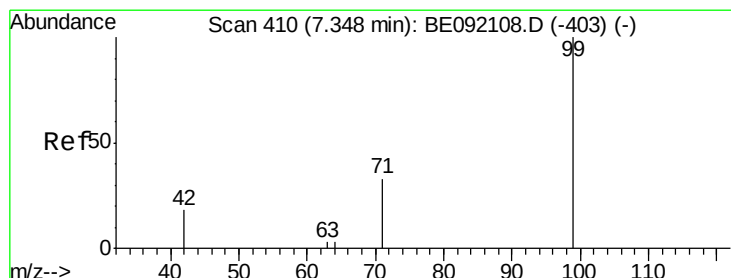
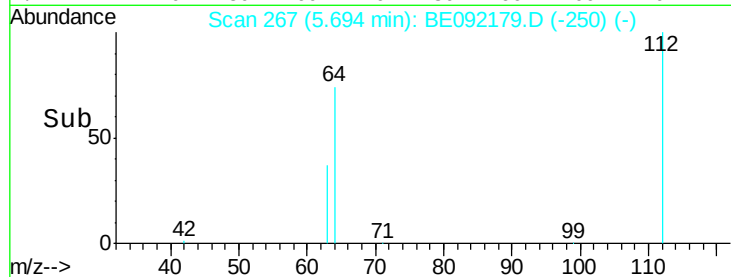
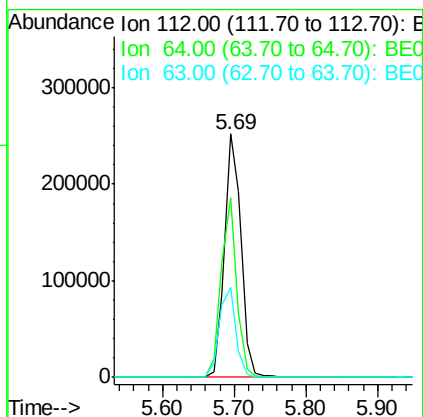
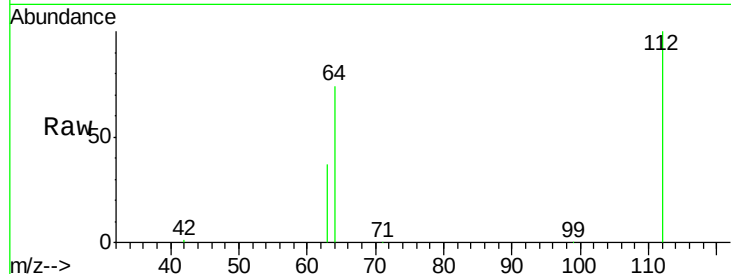




#4
 2-Fluorophenol
 Concen: 113.31 ng
 RT: 5.69 min Scan# 267
 Delta R.T. -0.00 min
 Lab File: BE092179.D
 Acq: 4 Aug 2016 12:50

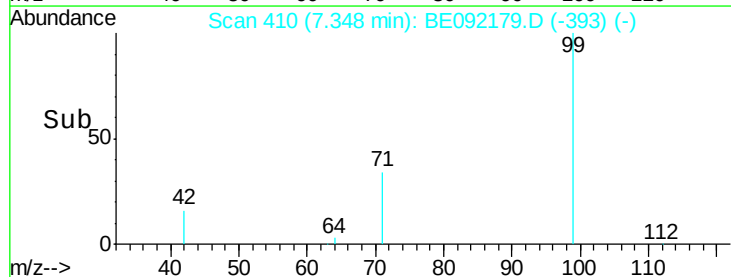
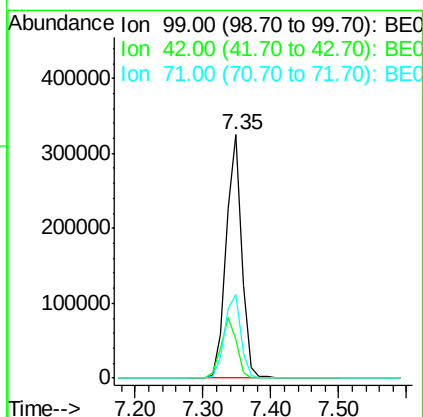
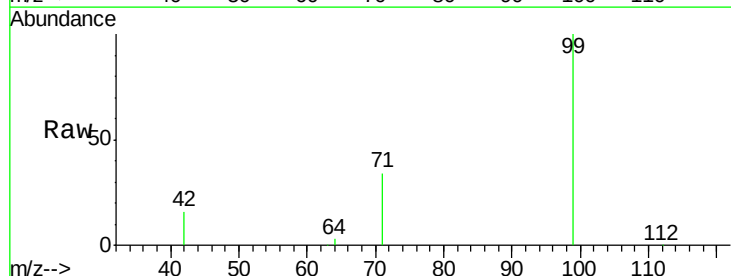
Instrument :
 BNA_E
 ClientSampleId :
 PB92567BL

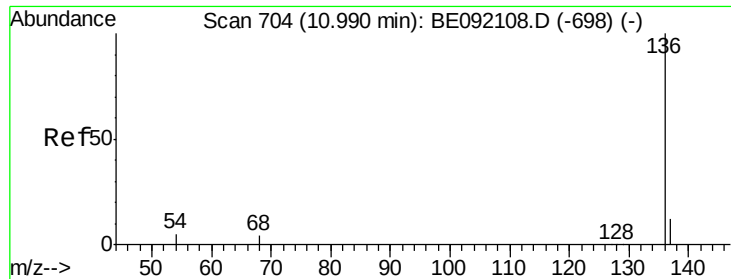
Tgt Ion: 112 Resp: 403138
 Ion Ratio Lower Upper
 112 100
 64 69.6 55.9 83.9
 63 37.2 31.1 46.7



#5
 Phenol-d6
 Concen: 111.37 ng
 RT: 7.35 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BE092179.D
 Acq: 4 Aug 2016 12:50

Tgt Ion: 99 Resp: 527897
 Ion Ratio Lower Upper
 99 100
 42 25.1 22.4 33.6
 71 36.0 28.9 43.3

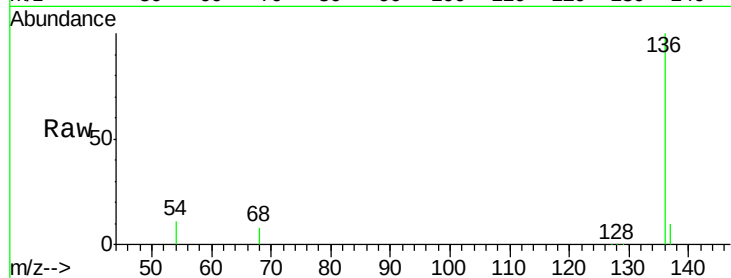




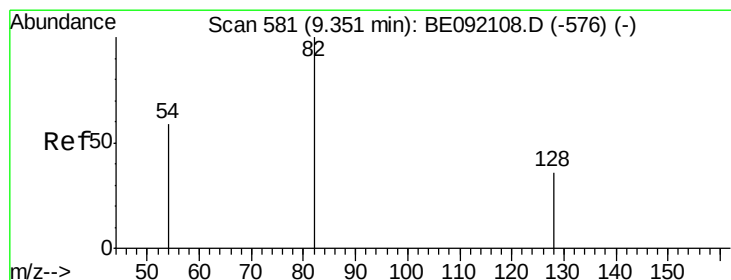
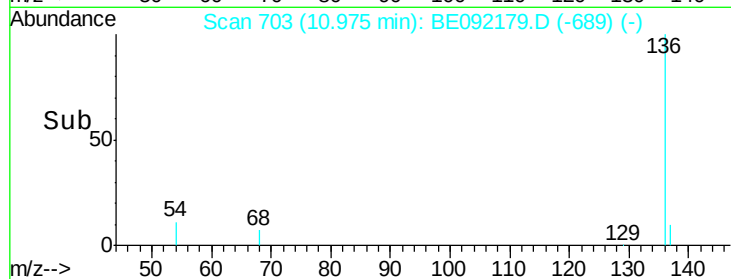
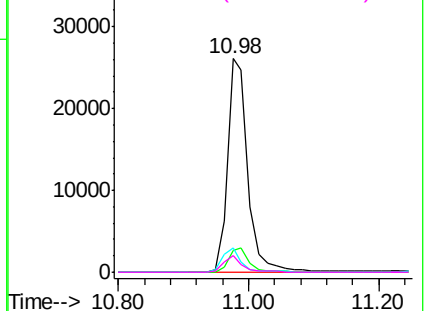
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.98 min Scan# 703
Delta R.T. -0.01 min
Lab File: BE092179.D
Acq: 4 Aug 2016 12:50

Instrument :
BNA_E
ClientSampleId :
PB92567BL

Tgt Ion:	136	Resp:	57015
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	11.3	2.7	4.1#
68	7.7	2.2	3.4#

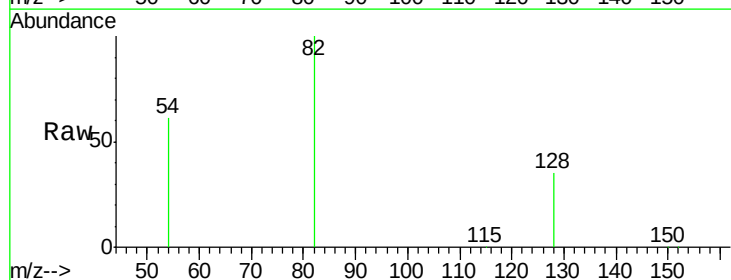


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0

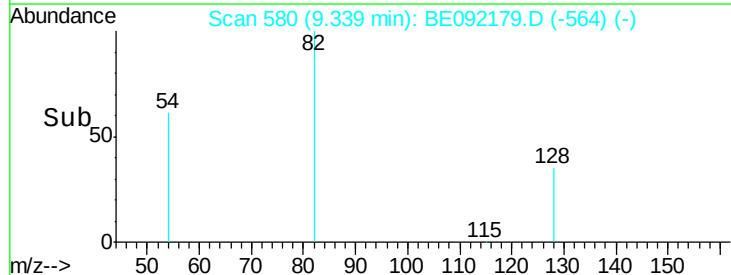
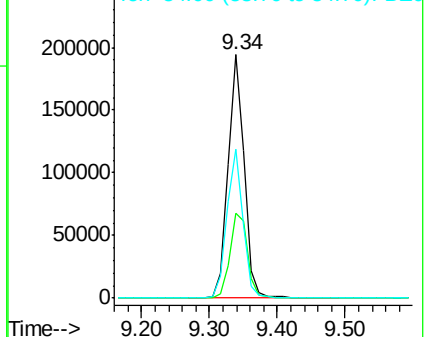


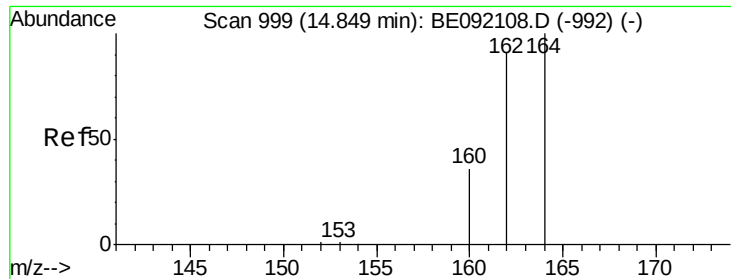
#7
Nitrobenzene-d5
Concen: 72.82 ng
RT: 9.34 min Scan# 580
Delta R.T. -0.01 min
Lab File: BE092179.D
Acq: 4 Aug 2016 12:50

Tgt Ion:	82	Resp:	327624
Ion	Ratio	Lower	Upper
82	100		
128	34.8	33.0	49.4
54	61.3	42.6	63.8



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.85 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092179.D

Acq: 4 Aug 2016 12:50

Instrument :

BNA_E

ClientSampleId :

PB92567BL

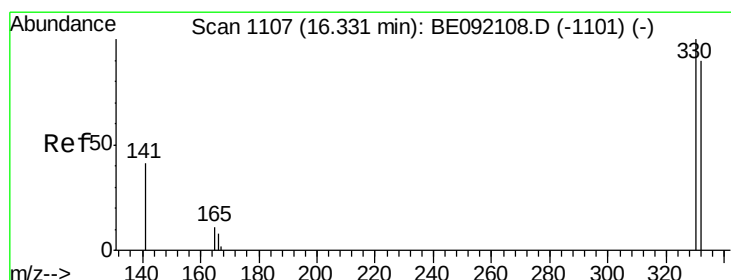
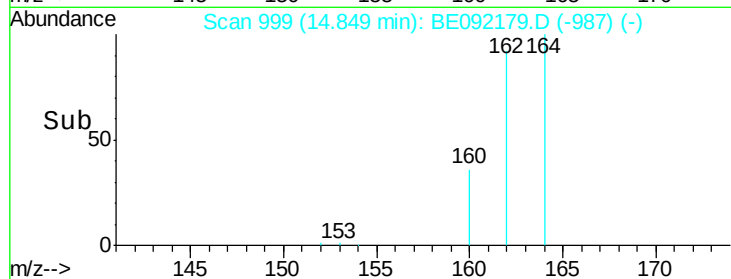
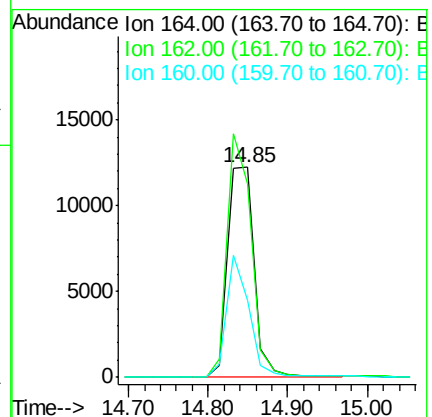
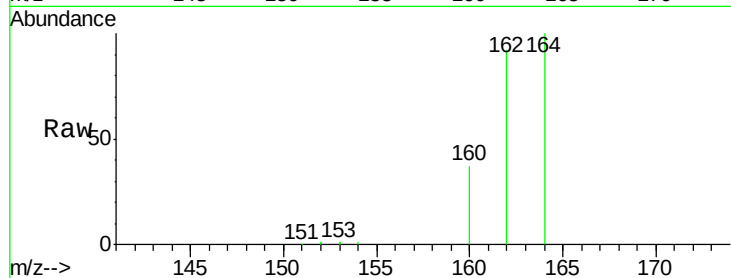
Tgt Ion:164 Resp: 27910

Ion Ratio Lower Upper

164 100

162 91.9 69.5 104.3

160 36.6 27.6 41.4



#11

2,4,6-Tribromophenol

Concen: 118.86 ng

RT: 16.33 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BE092179.D

Acq: 4 Aug 2016 12:50

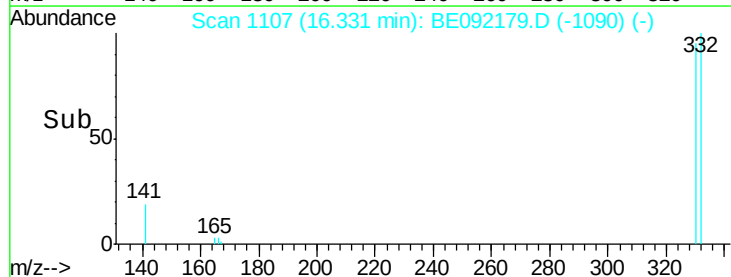
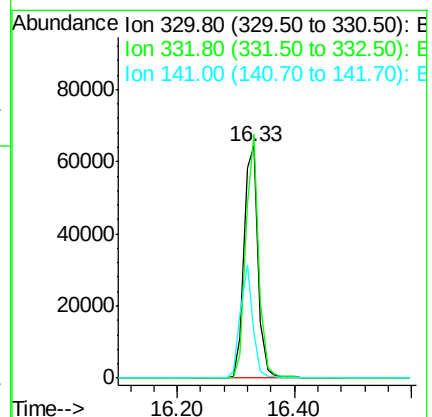
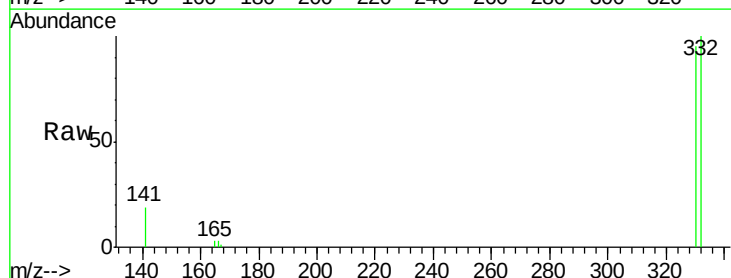
Tgt Ion:330 Resp: 107718

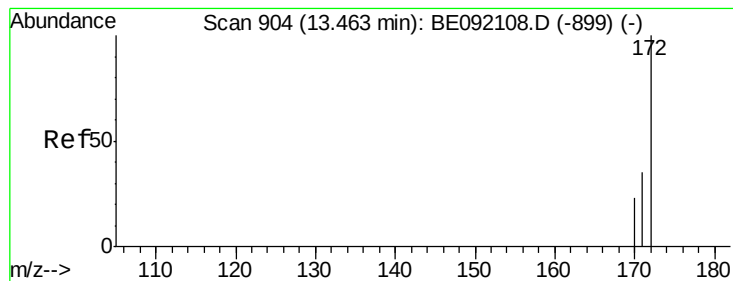
Ion Ratio Lower Upper

330 100

332 96.3 74.2 111.4

141 42.8 139.8 209.8#

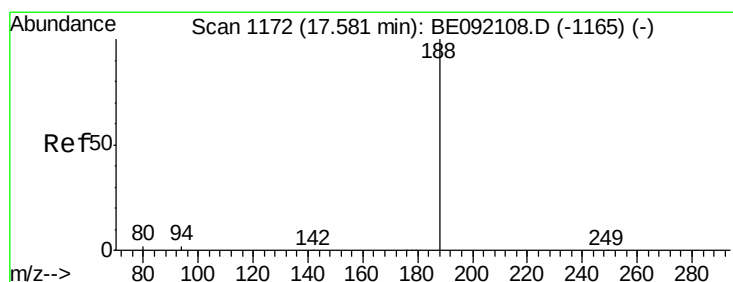
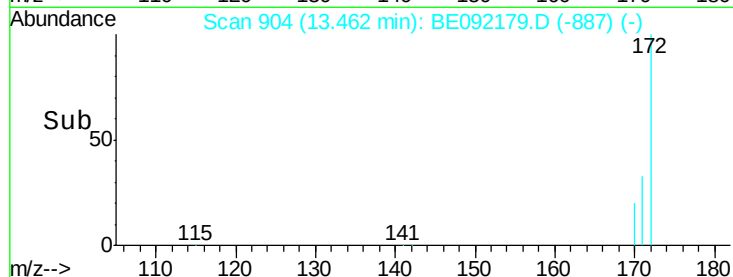
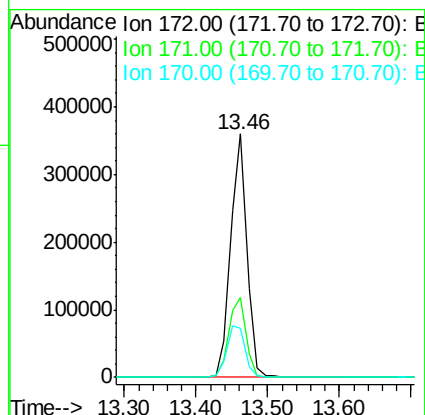
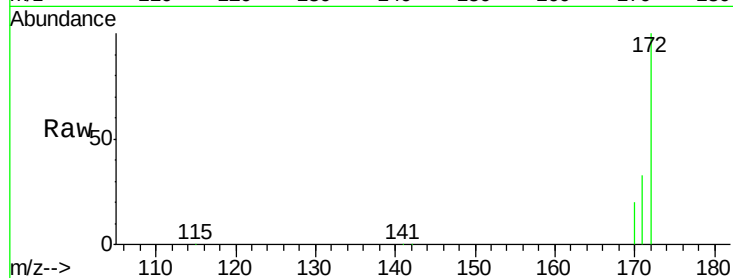




#12
2-Fluorobiphenyl
Concen: 64.10 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092179.D
Acq: 4 Aug 2016 12:50

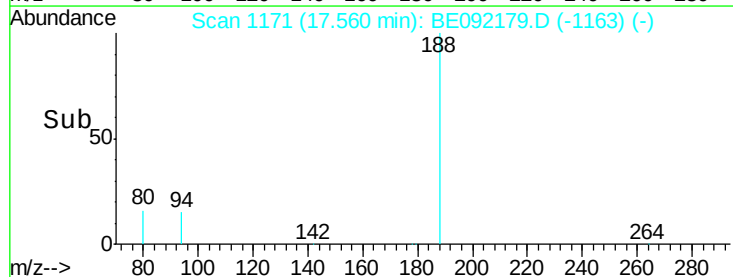
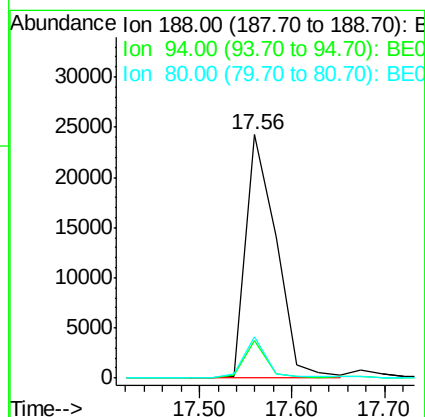
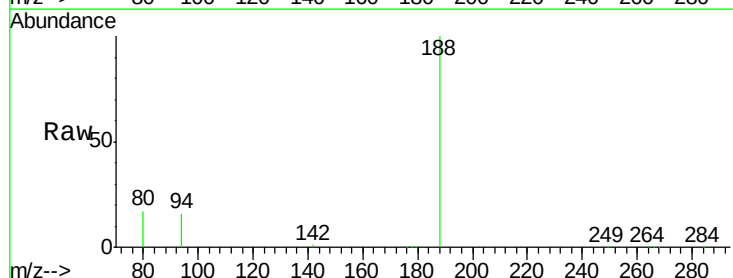
Instrument :
BNA_E
ClientSampleId :
PB92567BL

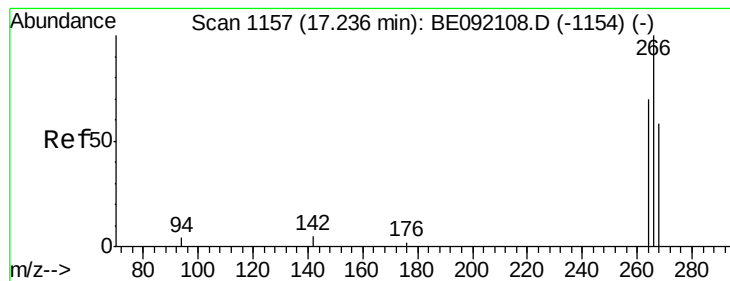
Tgt Ion:172 Resp: 566889
Ion Ratio Lower Upper
172 100
171 32.6 30.3 45.5
170 20.1 21.6 32.4#



#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092179.D
Acq: 4 Aug 2016 12:50

Tgt Ion:188 Resp: 55832
Ion Ratio Lower Upper
188 100
94 15.6 3.9 5.9#
80 16.8 3.4 5.0#





#18

Pentachlorophenol

Concen: 0.21 ng

RT: 17.26 min Scan# 1158

Delta R.T. 0.03 min

Lab File: BE092179.D

Acq: 4 Aug 2016 12:50

Instrument :

BNA_E

ClientSampleId :

PB92567BL

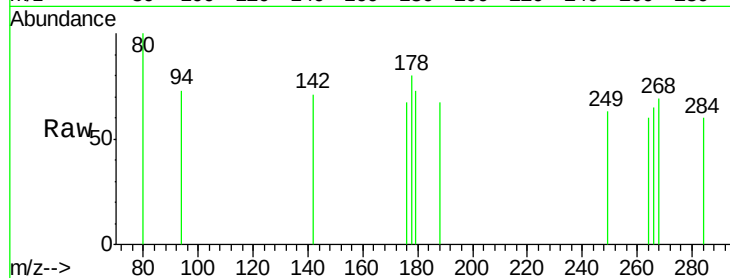
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

268 106.1 62.7 94.1#

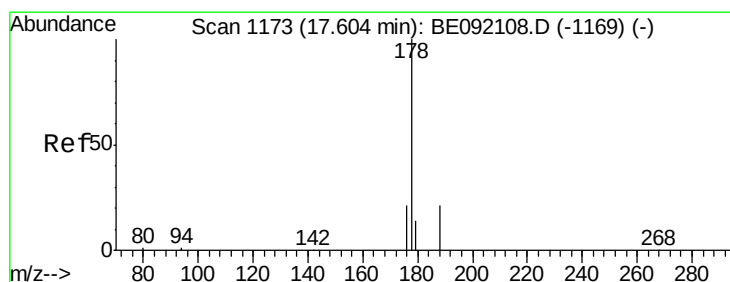
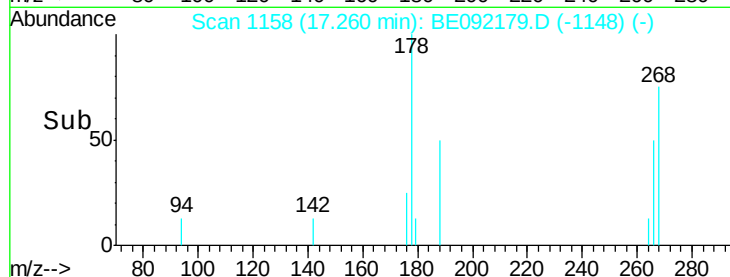
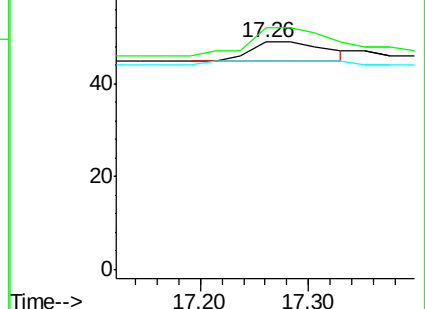
264 91.8 63.5 95.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#19

Phenanthrene

Concen: Below Cal

RT: 17.61 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092179.D

Acq: 4 Aug 2016 12:50

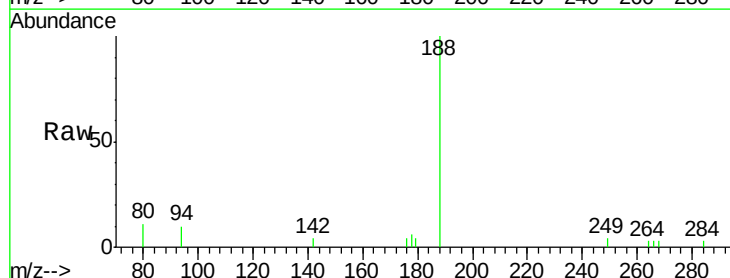
Tgt Ion:178 Resp: 93

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

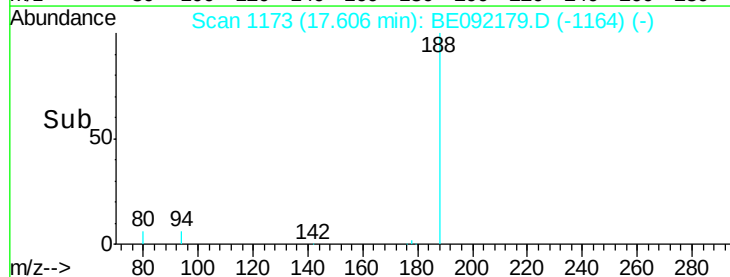
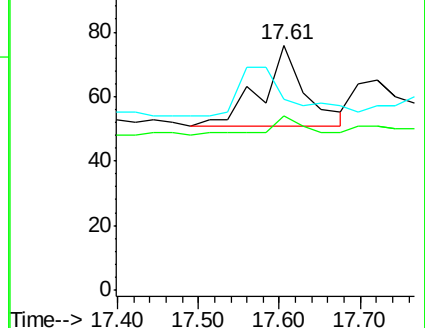
179 0.0 12.7 19.1#

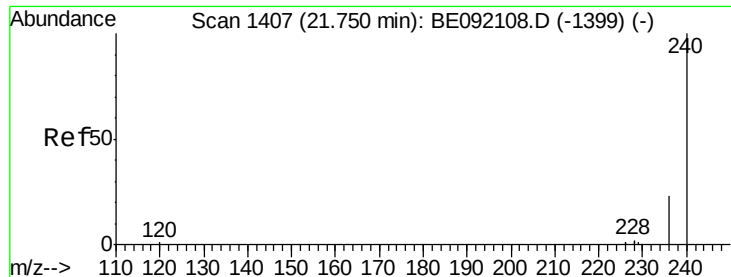


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BE092179.D

Acq: 4 Aug 2016 12:50

Instrument :

BNA_E

ClientSampleId :

PB92567BL

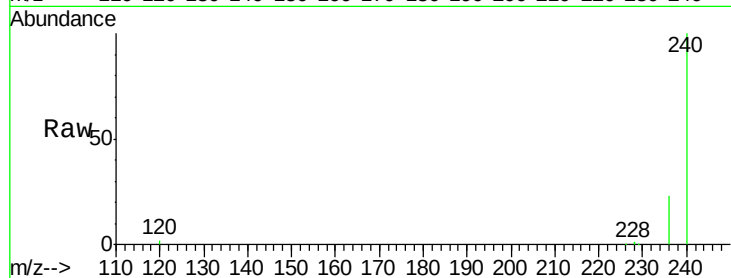
Tgt Ion:240 Resp: 56309

Ion Ratio Lower Upper

240 100

120 2.0 0.6 1.0#

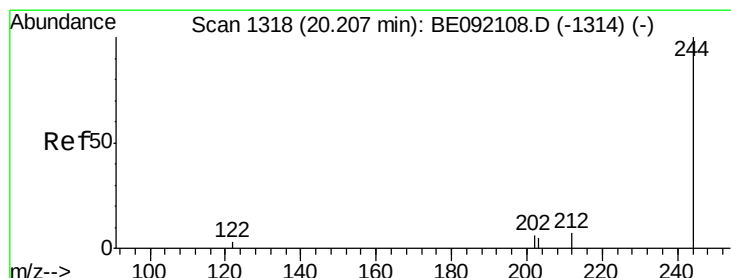
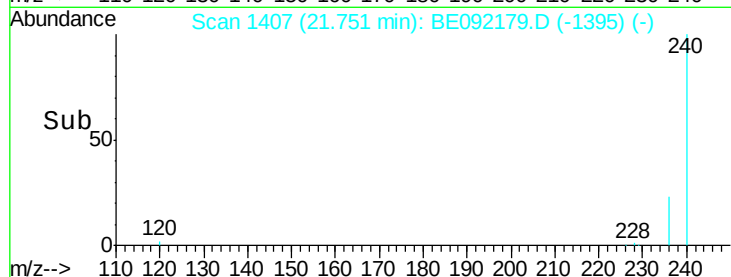
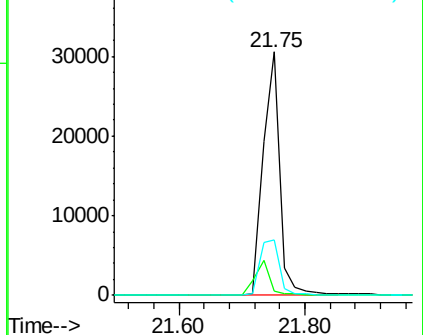
236 22.9 18.2 27.4



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



#24

Terphenyl-d14

Concen: 66.32 ng

RT: 20.19 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BE092179.D

Acq: 4 Aug 2016 12:50

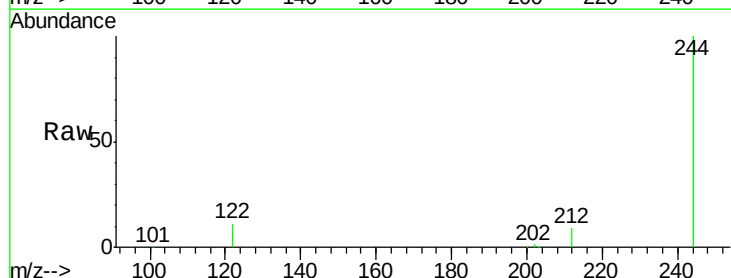
Tgt Ion:244 Resp: 536284

Ion Ratio Lower Upper

244 100

212 9.5 9.1 13.7

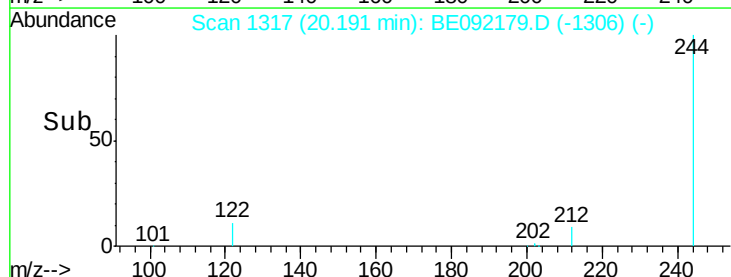
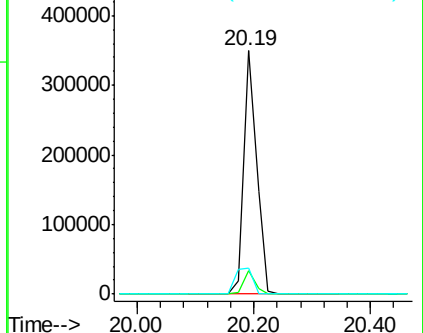
122 10.8 11.0 16.4#

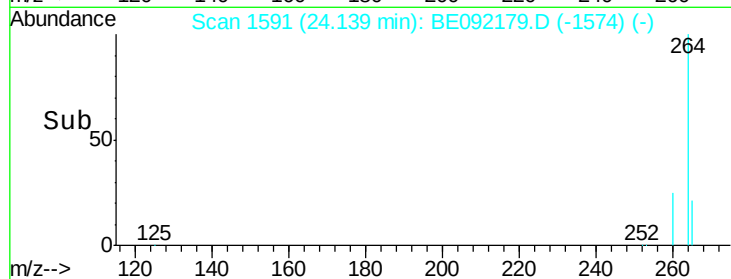
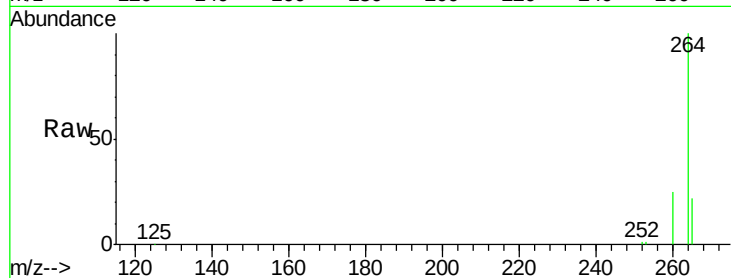
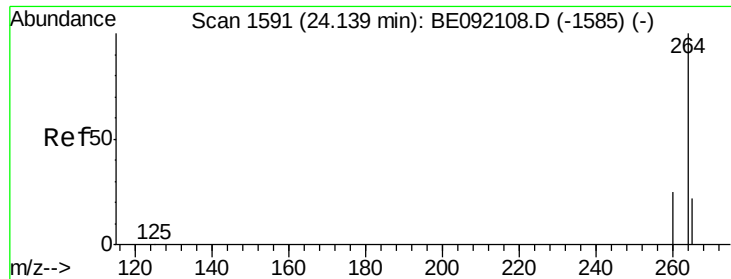


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Perylene-d12

Concen: 5.00 ng

RT: 24.14 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BE092179.D

Acq: 4 Aug 2016 12:50

Instrument :

BNA_E

ClientSampleId :

PB92567BL

Tgt Ion: 264 Resp: 60025

Ion Ratio Lower Upper

264 100

260 25.2 20.8 31.2

265 22.4 16.6 25.0

