

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
 Data File : BE092151.D
 Acq On : 3 Aug 2016 18:53
 Operator : UM/SJ
 Sample : PB92482BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92482BL

Quant Time: Aug 04 03:56:58 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

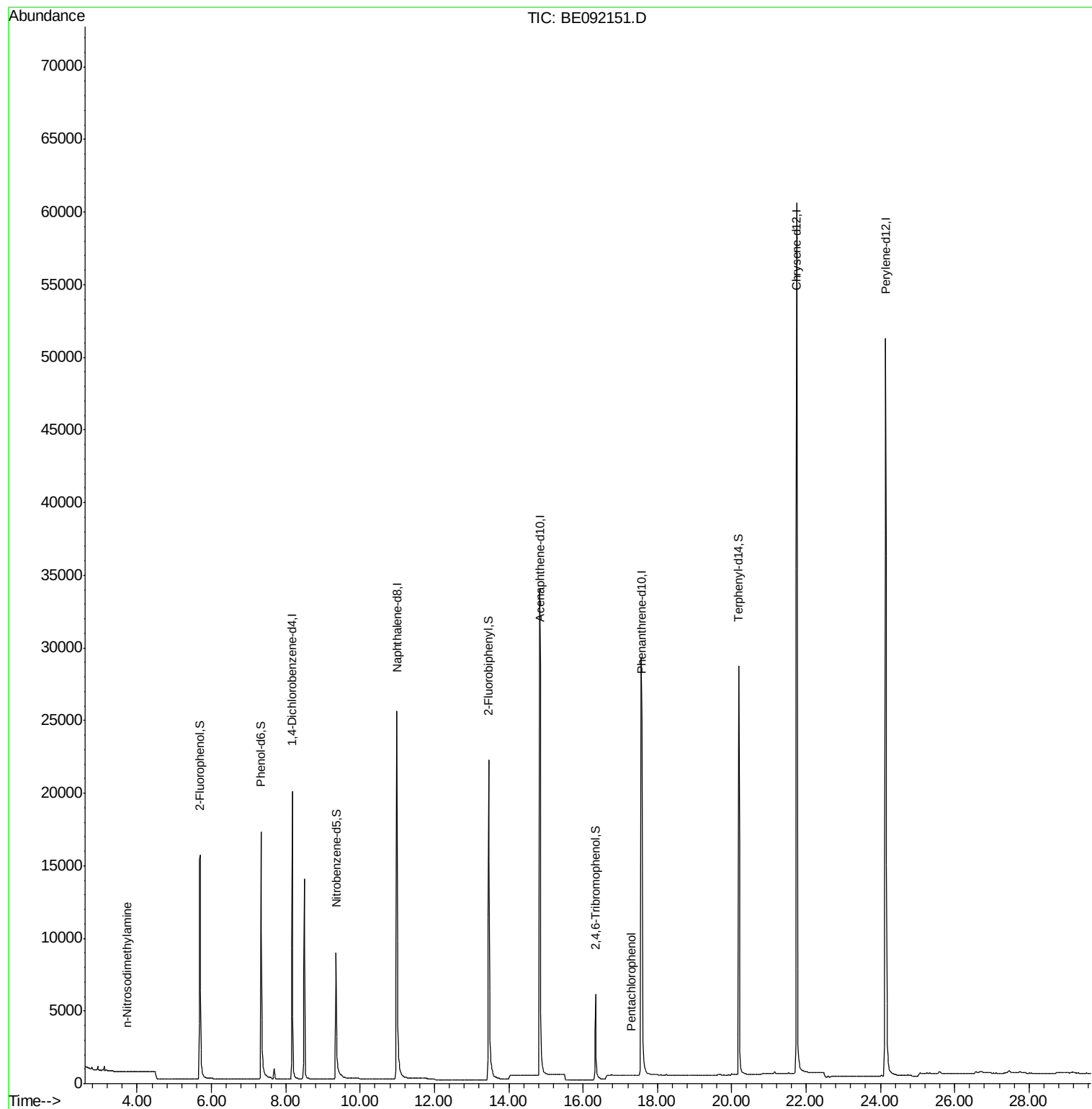
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10710	5.00	ng	0.00
6) Naphthalene-d8	10.99	136	49370	5.00	ng	0.00
10) Acenaphthene-d10	14.85	164	28301	5.00	ng	0.00
16) Phenanthrene-d10	17.58	188	64062	5.00	ng	0.00
22) Chrysene-d12	21.75	240	77859	5.00	ng	0.00
28) Perylene-d12	24.14	264	78014	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	15591	5.67	ng	0.00
5) Phenol-d6	7.34	99	20709	5.65	ng	-0.01
7) Nitrobenzene-d5	9.35	82	11439	2.94	ng	0.00
11) 2,4,6-Tribromophenol	16.33	330	4831	5.26	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	28674	3.20	ng	0.00
24) Terphenyl-d14	20.19	244	40971	3.66	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.72	42	11	0.10	ng	# 1
8) Naphthalene	11.03	128	25	Below Cal		# 1
18) Pentachlorophenol	17.30	266	1	0.19	ng	# 78
19) Phenanthrene	17.60	178	86	Below Cal		# 79
30) Benzo(k)fluoranthene	23.46	252	31	Below Cal		# 1

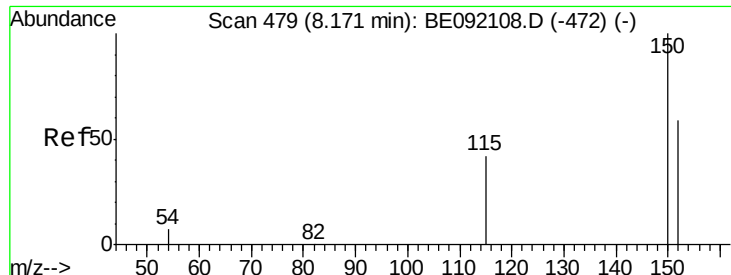
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092151.D

Acq: 3 Aug 2016 18:53

Instrument :

BNA_E

ClientSampleId :

PB92482BL

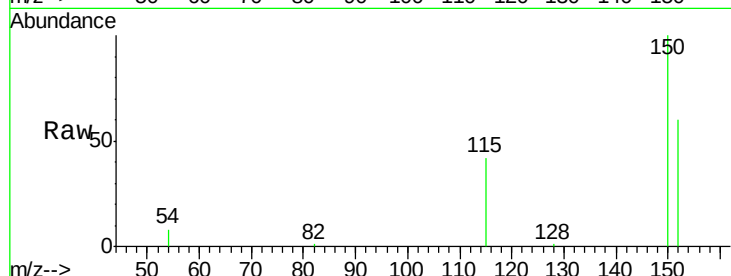
Tgt Ion:152 Resp: 10710

Ion Ratio Lower Upper

152 100

150 167.0 106.0 159.0#

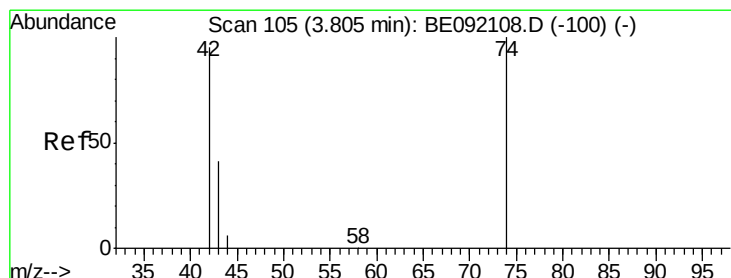
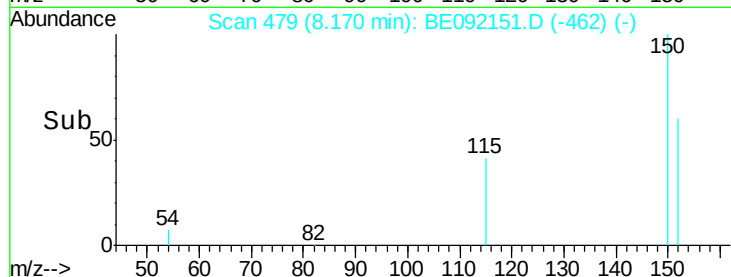
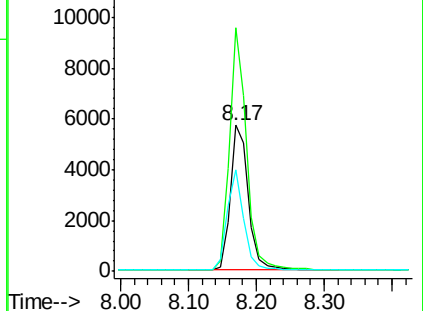
115 69.3 36.9 55.3#



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: 0.10 ng

RT: 3.72 min Scan# 98

Delta R.T. -0.08 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

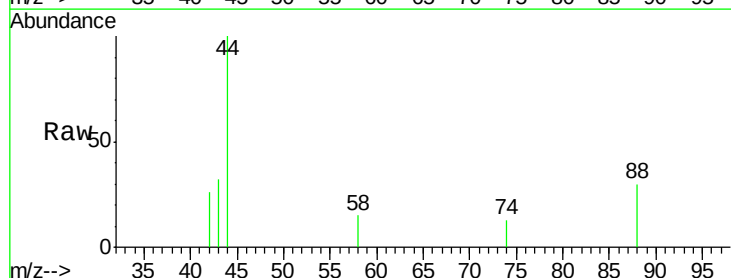
Tgt Ion: 42 Resp: 11

Ion Ratio Lower Upper

42 100

74 18.2 82.8 124.2#

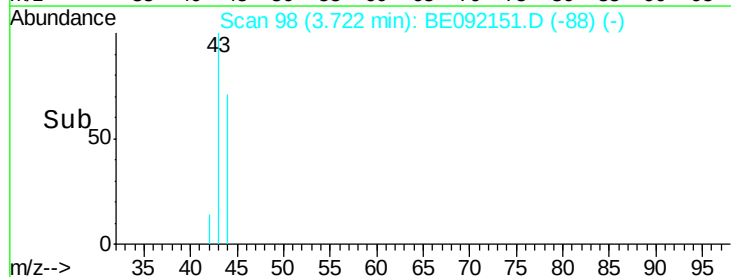
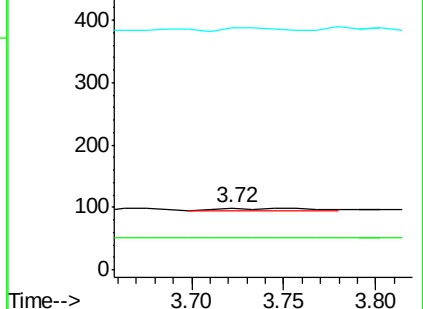
44 127.3 9.0 13.4#

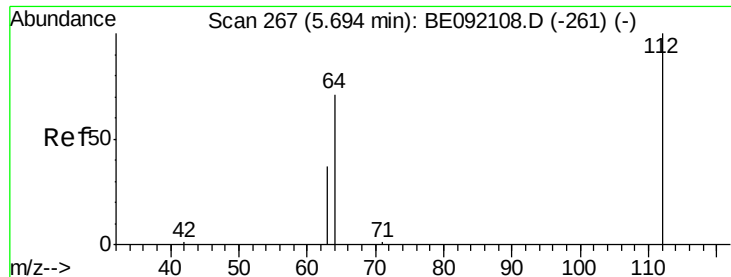


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 5.67 ng

RT: 5.70 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

Instrument :

BNA_E

ClientSampleId :

PB92482BL

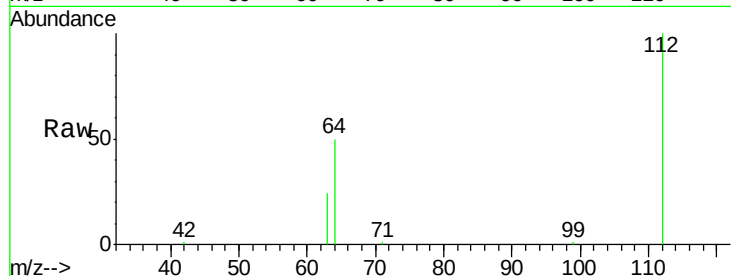
Tgt Ion: 112 Resp: 15591

Ion Ratio Lower Upper

112 100

64 66.9 55.9 83.9

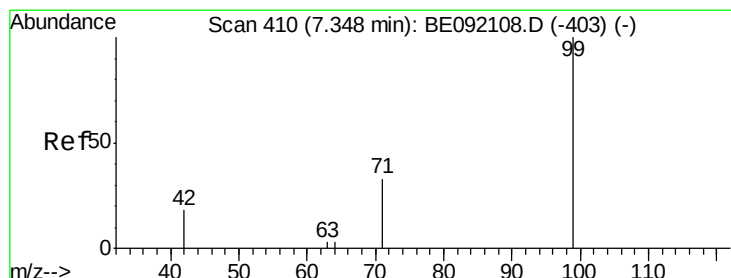
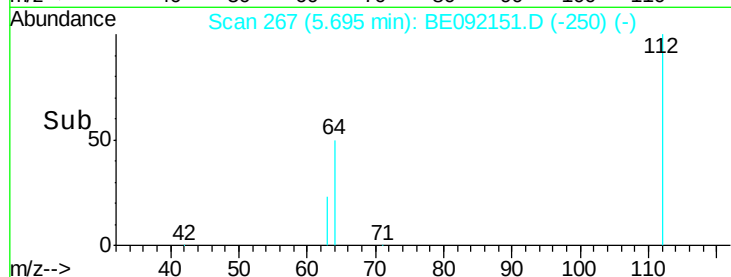
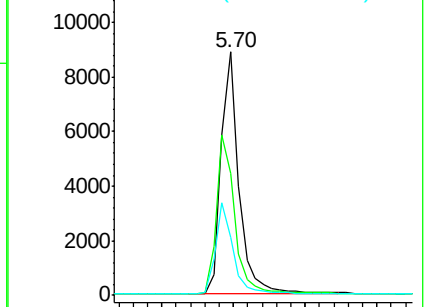
63 36.5 31.1 46.7



Abundance Ion 112.00 (111.70 to 112.70): BE092108.D (-261) (-)

Ion 64.00 (63.70 to 64.70): BE092108.D (-261) (-)

Ion 63.00 (62.70 to 63.70): BE092108.D (-261) (-)



#5

Phenol-d6

Concen: 5.65 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

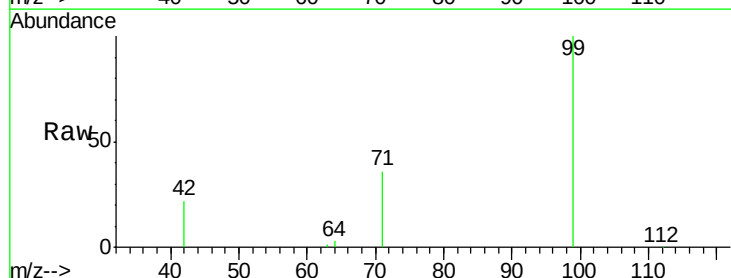
Tgt Ion: 99 Resp: 20709

Ion Ratio Lower Upper

99 100

42 25.6 22.4 33.6

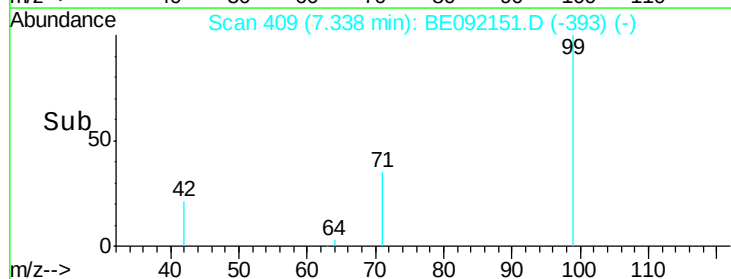
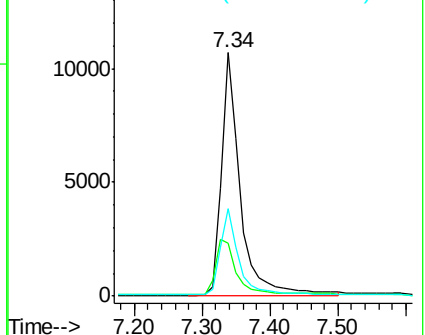
71 35.4 28.9 43.3

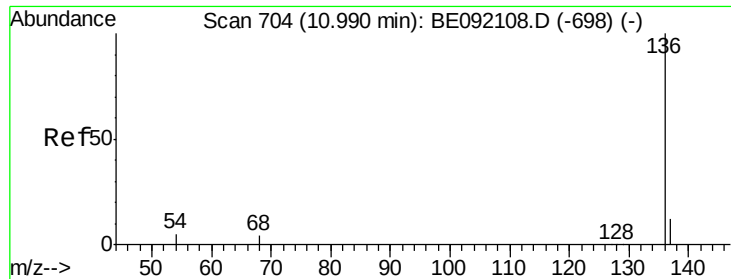


Abundance Ion 99.00 (98.70 to 99.70): BE092108.D (-403) (-)

Ion 42.00 (41.70 to 42.70): BE092108.D (-403) (-)

Ion 71.00 (70.70 to 71.70): BE092108.D (-403) (-)

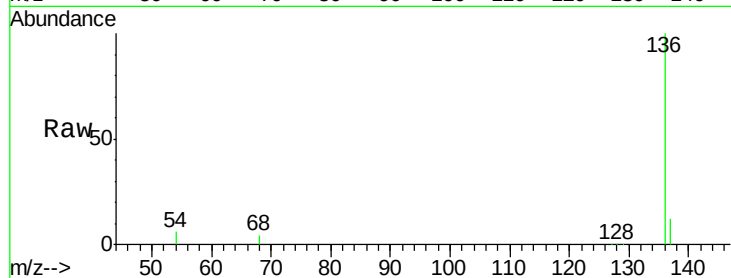




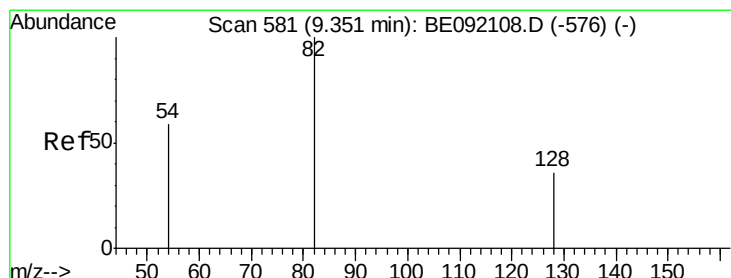
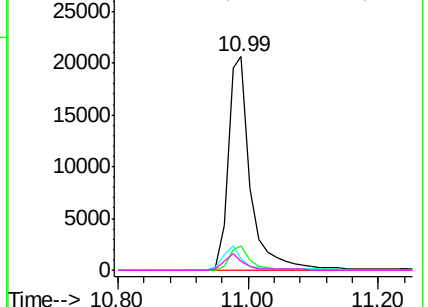
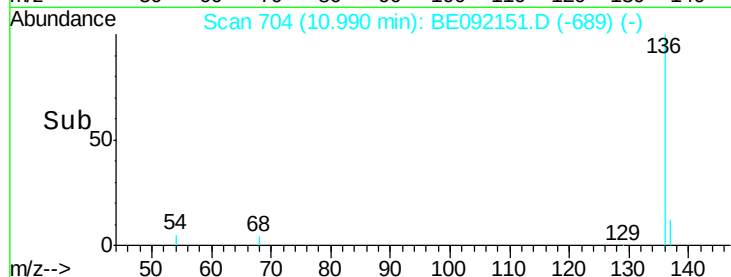
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 704
Delta R.T. -0.00 min
Lab File: BE092151.D
Acq: 3 Aug 2016 18:53

Instrument :
BNA_E
ClientSampleId :
PB92482BL

Tgt Ion: 136 Resp: 49370
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 5.7 2.7 4.1#
68 4.3 2.2 3.4#

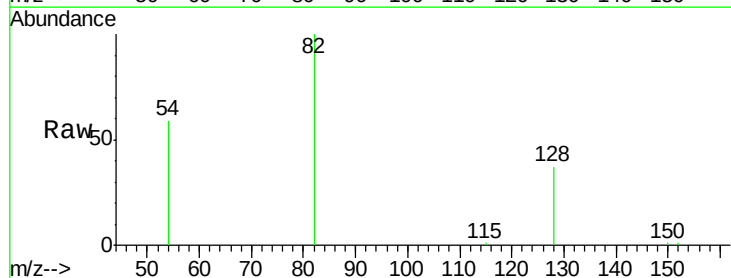


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0

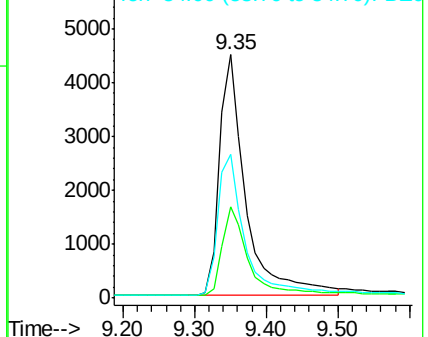
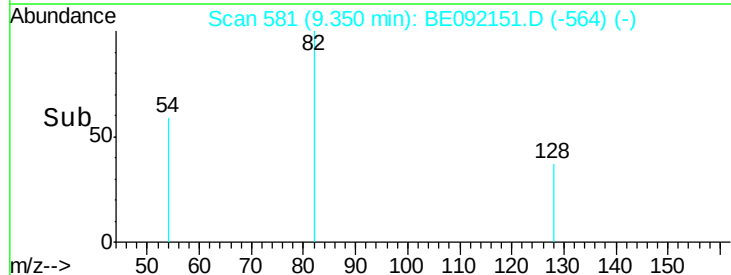


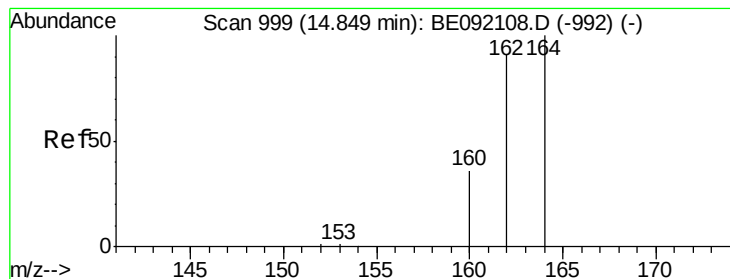
#7
Nitrobenzene-d5
Concen: 2.94 ng
RT: 9.35 min Scan# 581
Delta R.T. -0.00 min
Lab File: BE092151.D
Acq: 3 Aug 2016 18:53

Tgt Ion: 82 Resp: 11439
Ion Ratio Lower Upper
82 100
128 37.3 33.0 49.4
54 59.2 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: BE092151.D

Acq: 3 Aug 2016 18:53

Instrument :

BNA_E

ClientSampleId :

PB92482BL

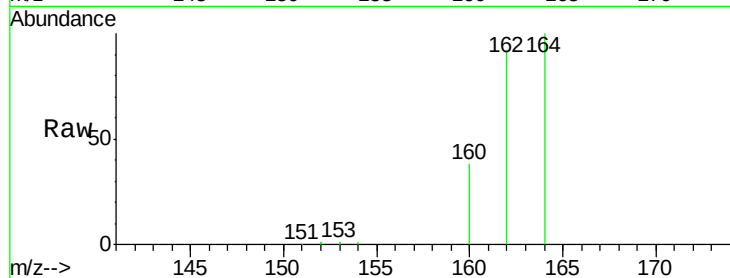
Tgt Ion:164 Resp: 28301

Ion Ratio Lower Upper

164 100

162 91.8 69.5 104.3

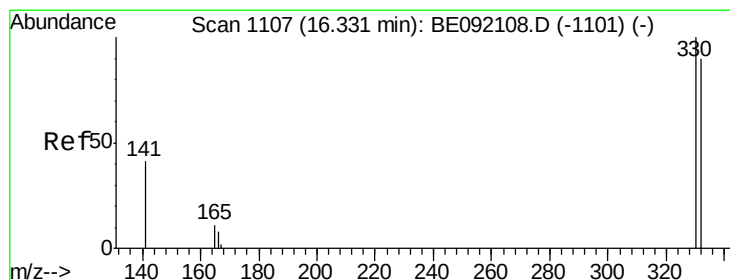
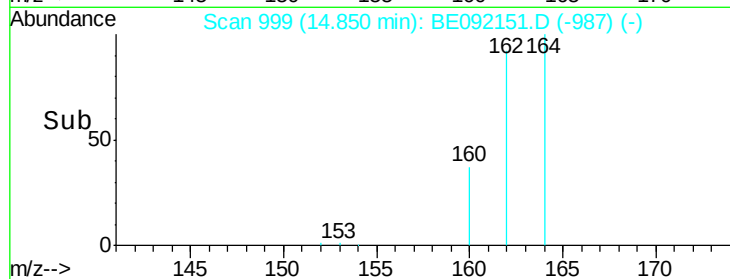
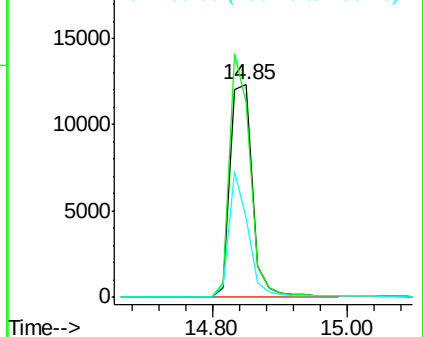
160 37.5 27.6 41.4



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



#11

2,4,6-Tribromophenol

Concen: 5.26 ng

RT: 16.33 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

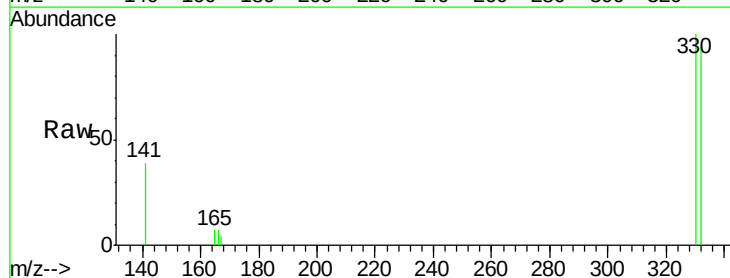
Tgt Ion:330 Resp: 4831

Ion Ratio Lower Upper

330 100

332 97.0 74.2 111.4

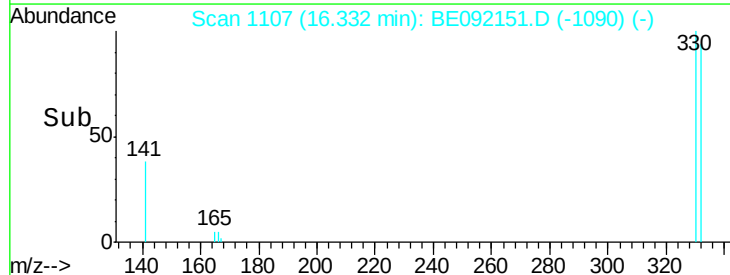
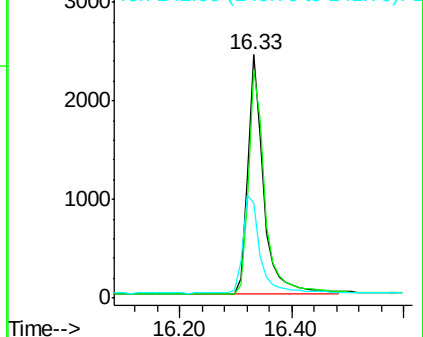
141 44.8 139.8 209.8#

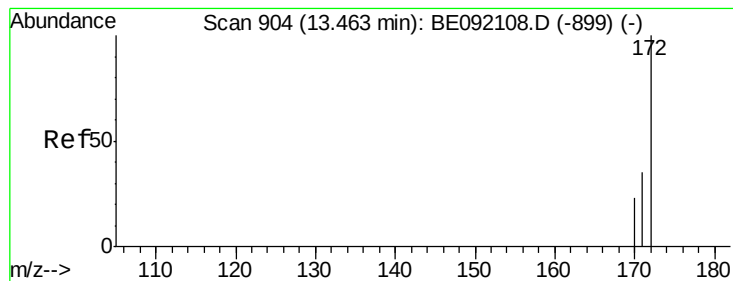


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#12

2-Fluorobiphenyl

Concen: 3.20 ng

RT: 13.46 min Scan# 904

Delta R.T. -0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

Instrument :

BNA_E

ClientSampleId :

PB92482BL

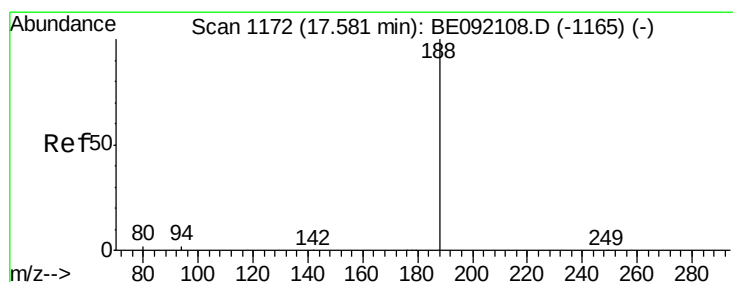
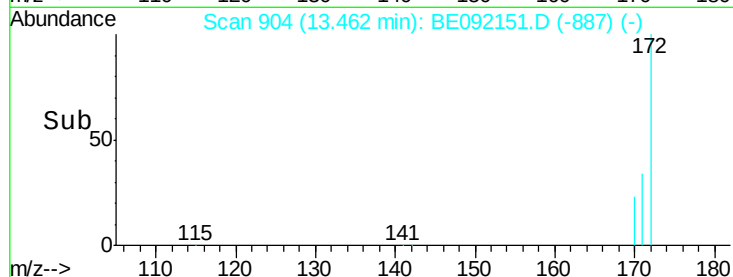
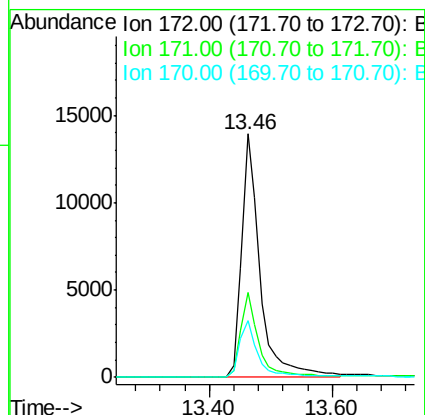
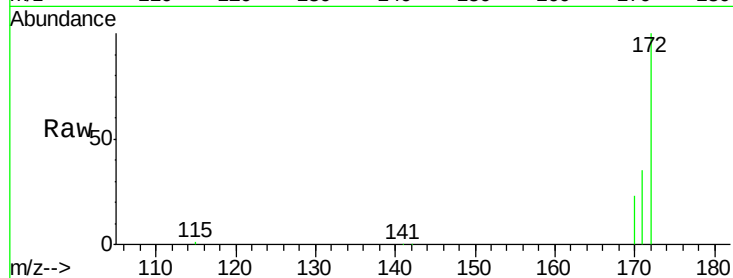
Tgt Ion:172 Resp: 28674

Ion Ratio Lower Upper

172 100

171 34.6 30.3 45.5

170 23.5 21.6 32.4



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

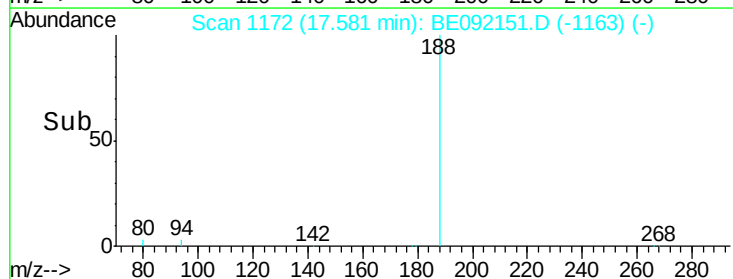
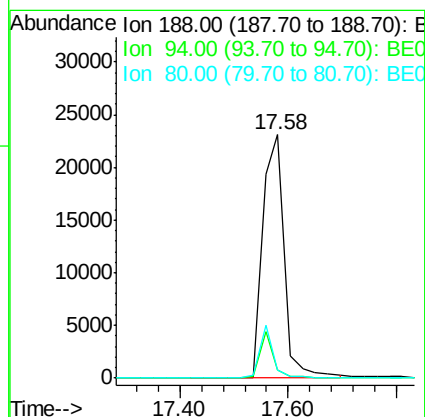
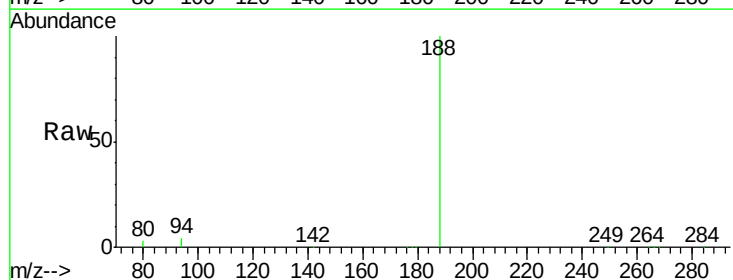
Tgt Ion:188 Resp: 64062

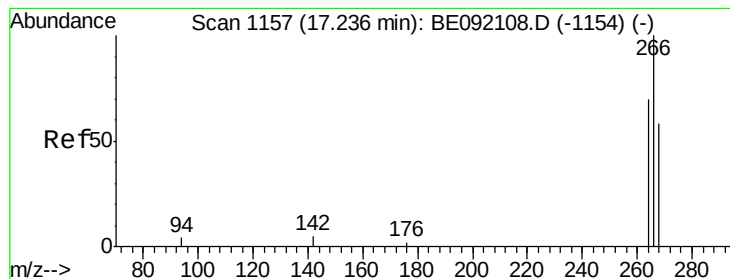
Ion Ratio Lower Upper

188 100

94 3.6 3.9 5.9#

80 3.2 3.4 5.0#





#18

Pentachlorophenol

Concen: 0.19 ng

RT: 17.30 min Scan# 1160

Delta R.T. 0.07 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

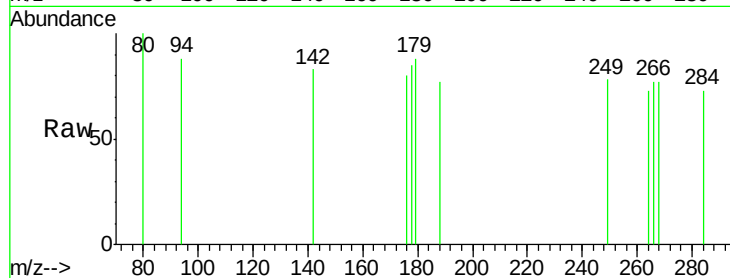
Instrument :

BNA_E

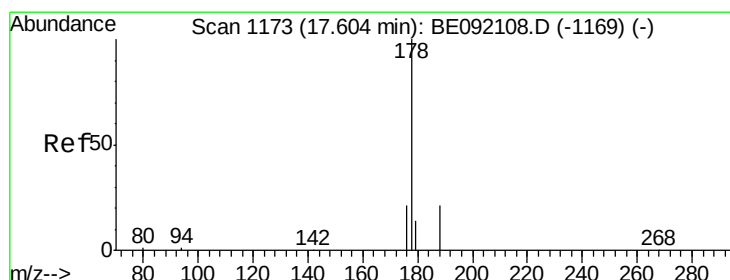
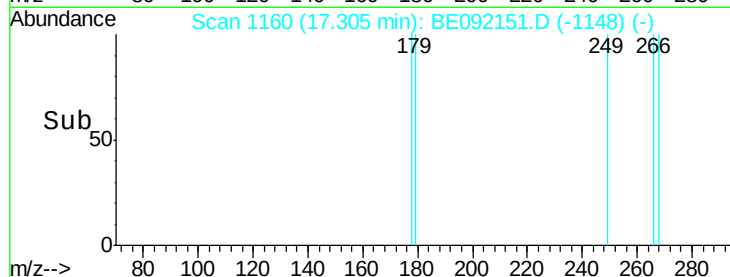
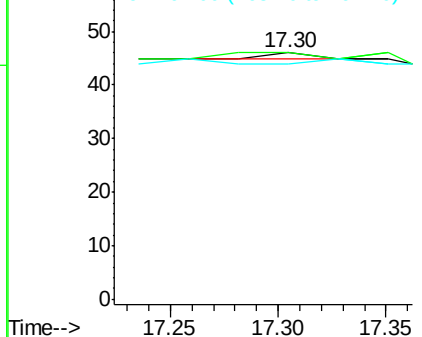
ClientSampleId :

PB92482BL

Tgt Ion:	266	Resp:	1
Ion	Ratio	Lower	Upper
266	100		
268	100.0	62.7	94.1#
264	95.7	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

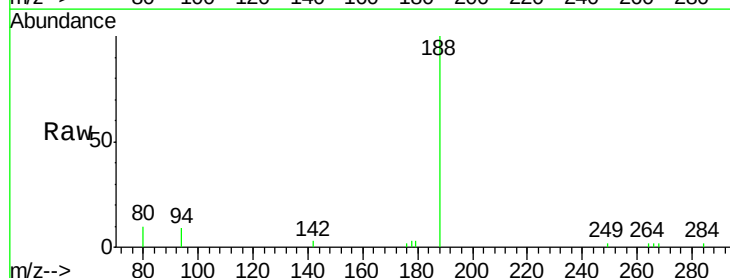
RT: 17.60 min Scan# 1173

Delta R.T. 0.00 min

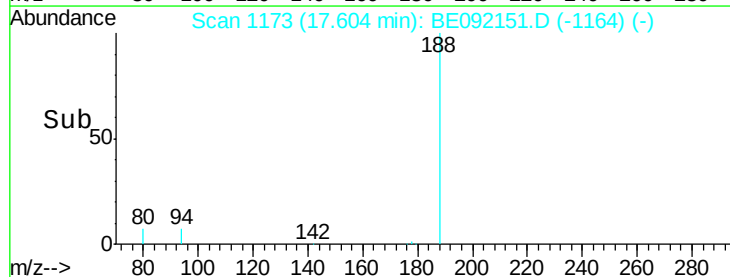
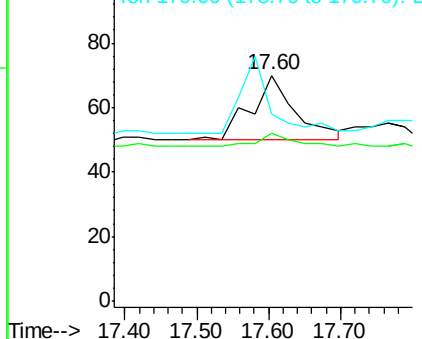
Lab File: BE092151.D

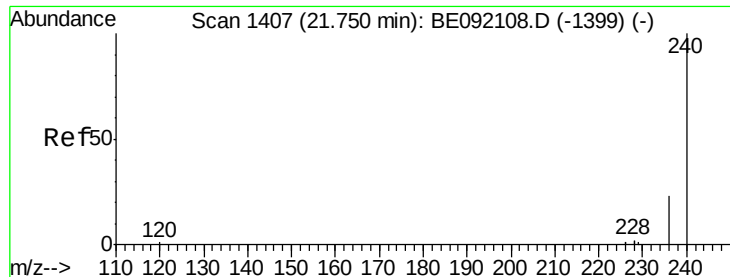
Acq: 3 Aug 2016 18:53

Tgt Ion:	178	Resp:	86
Ion	Ratio	Lower	Upper
178	100		
176	16.3	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: BE092151.D

Acq: 3 Aug 2016 18:53

Instrument :

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PB92482BL

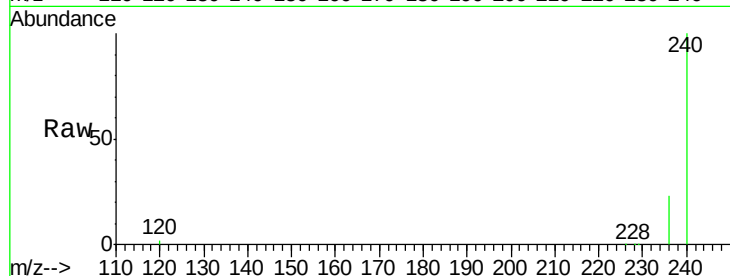
Tgt Ion:240 Resp: 77859

Ion Ratio Lower Upper

240 100

120 2.0 0.6 1.0#

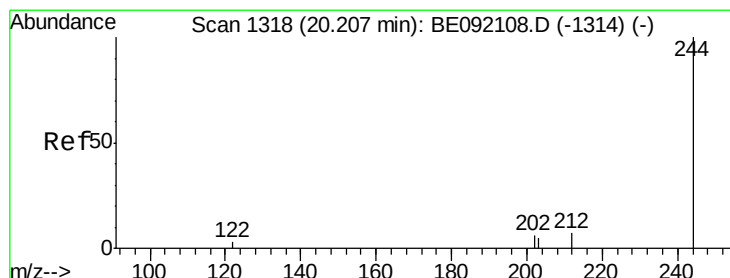
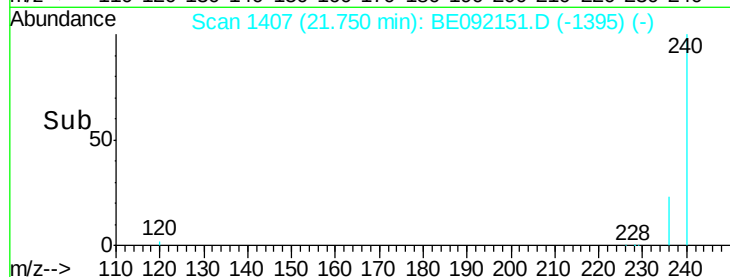
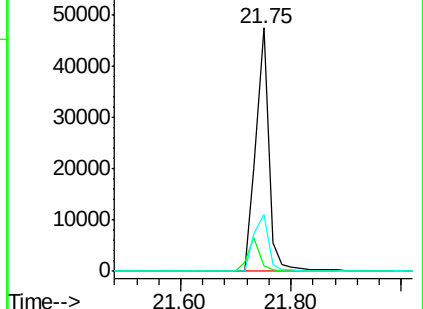
236 23.4 18.2 27.4



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: 3.66 ng

RT: 20.19 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

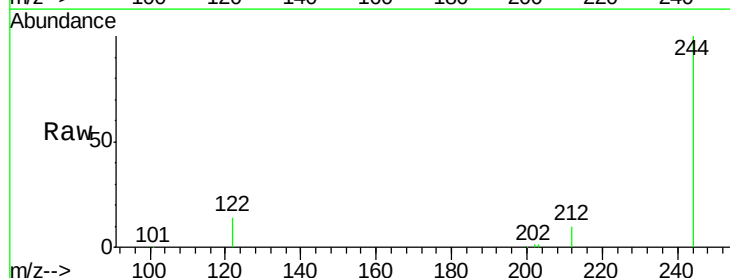
Tgt Ion:244 Resp: 40971

Ion Ratio Lower Upper

244 100

212 9.8 9.1 13.7

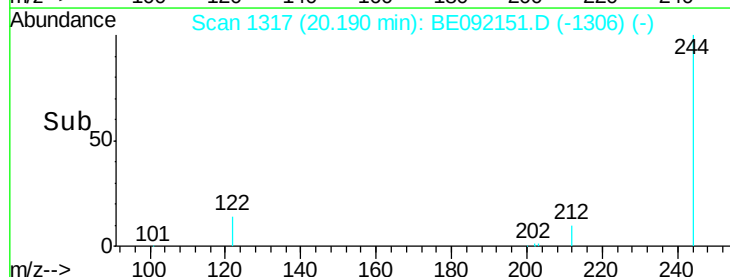
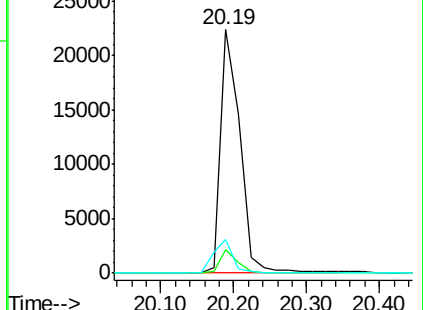
122 14.1 11.0 16.4

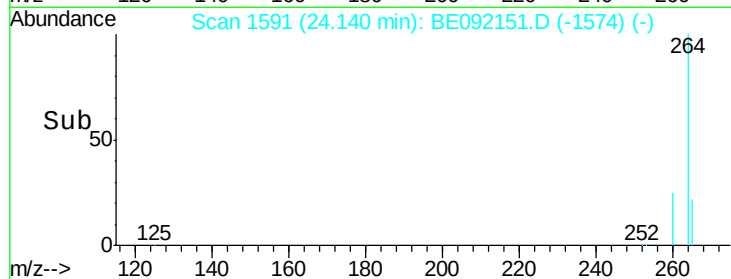
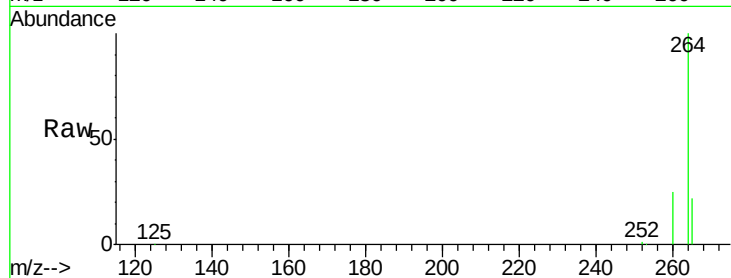
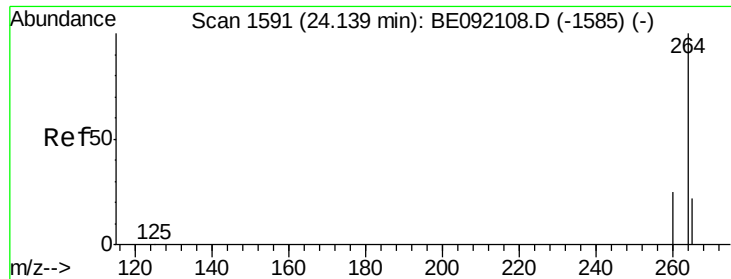


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE092151.D

Acq: 3 Aug 2016 18:53

Instrument :

BNA_E

ClientSampleId :

PB92482BL

Tgt Ion: 264 Resp: 78014

Ion Ratio Lower Upper

264 100

260 25.1 20.8 31.2

265 22.3 16.6 25.0

