

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030717\
 Data File : BE092806.D
 Acq On : 7 Mar 2017 11:42
 Operator : SJ/MA
 Sample : PB97289BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97289BL

Quant Time: Mar 07 12:32:17 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

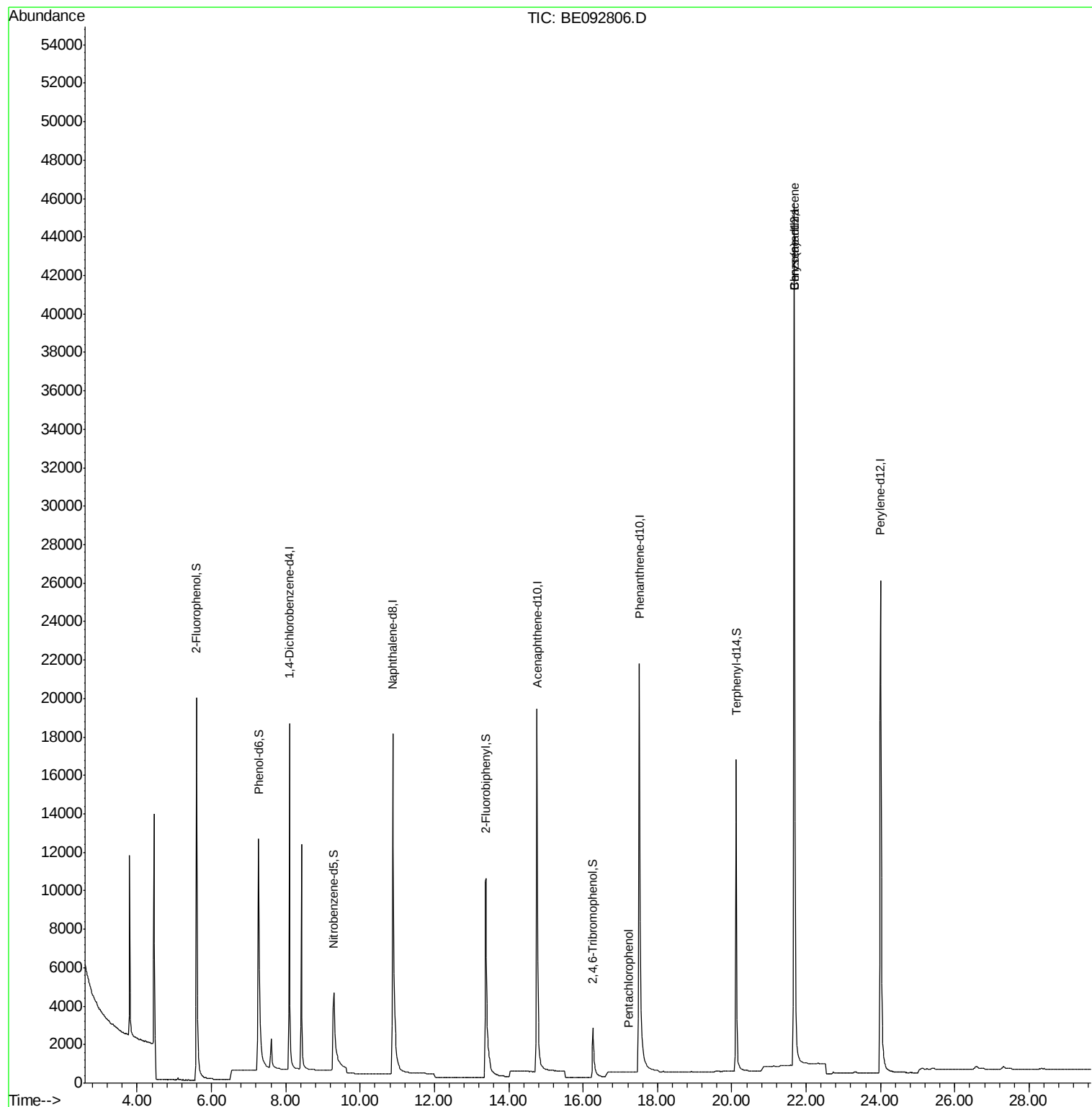
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	11012	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	42111	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	20310	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	46305	5.00	ng	0.00
24) Chrysene-d12	21.68	240	63921	5.00	ng	-0.02
31) Perylene-d12	24.01	264	44237	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	19056	8.18	ng	-0.03
5) Phenol-d6	7.27	99	21067	7.59	ng	-0.05
8) Nitrobenzene-d5	9.29	82	9360	3.64	ng	-0.02
13) 2,4,6-Tribromophenol	16.26	330	3544	6.63	ng	-0.02
14) 2-Fluorobiphenyl	13.39	172	21646	4.52	ng	-0.01
26) Terphenyl-d14	20.12	244	29153	3.78	ng	-0.02
Target Compounds						
20) Pentachlorophenol	17.23	266	8	0.09	ng	# 73
27) Benzo(a)anthracene	21.68	228	1125	0.08	ng	# 62

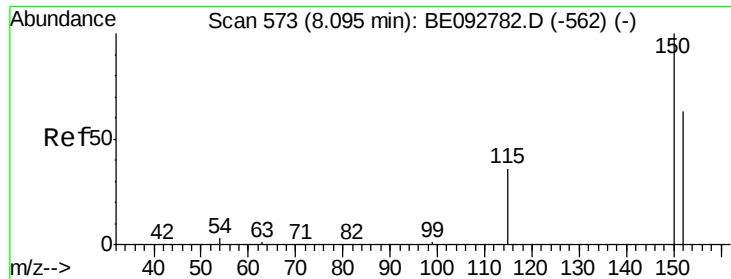
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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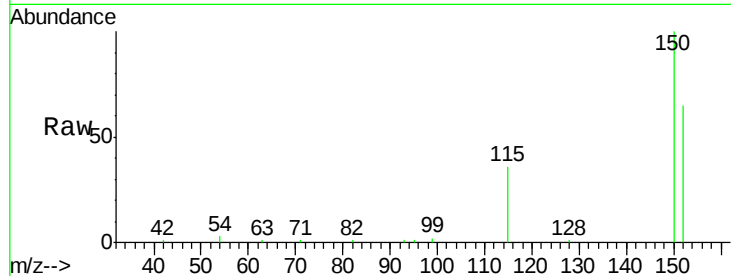


#1

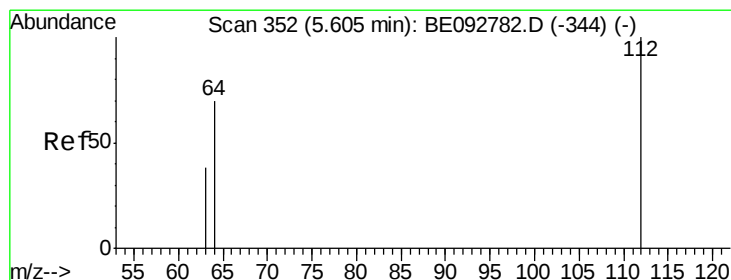
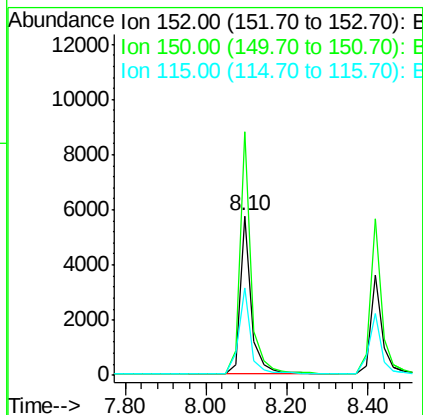
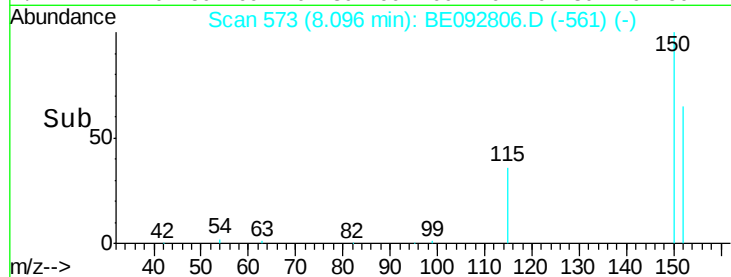
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092806.D
Acq: 7 Mar 2017 11:42

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion:152 Resp: 11012
Ion Ratio Lower Upper
152 100
150 152.8 106.0 159.0
115 55.2 31.2 46.8#



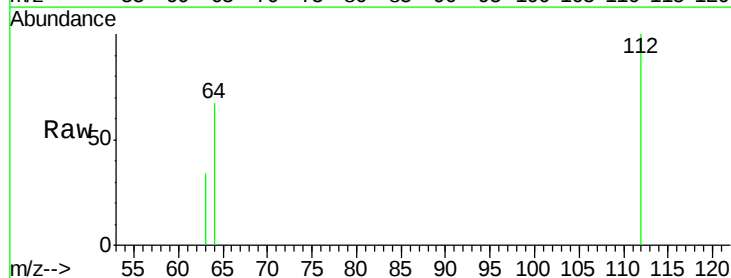
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



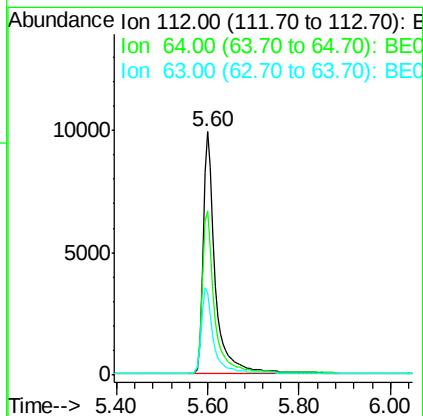
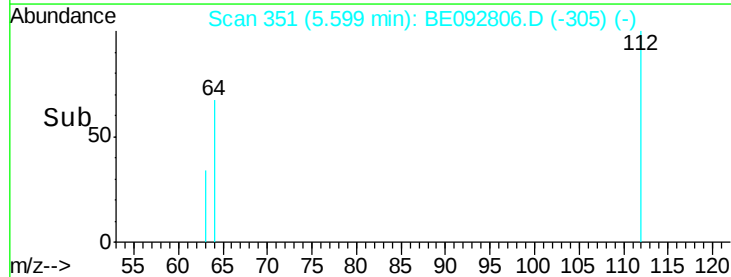
#4

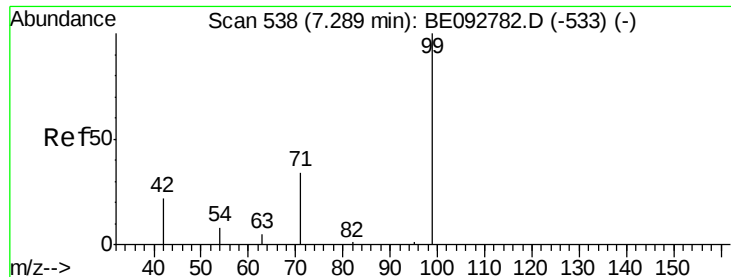
2-Fluorophenol
Concen: 8.18 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092806.D
Acq: 7 Mar 2017 11:42

Tgt Ion:112 Resp: 19056
Ion Ratio Lower Upper
112 100
64 68.2 53.5 80.3
63 36.7 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.59 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092806.D

Acq: 7 Mar 2017 11:42

Instrument :

BNA_E

ClientSampleId :

PB97289BL

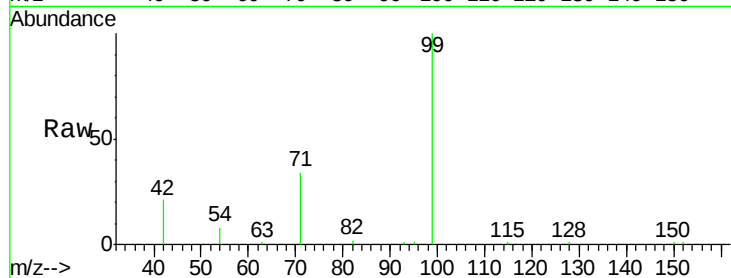
Tgt Ion: 99 Resp: 21067

Ion Ratio Lower Upper

99 100

42 23.6 16.0 24.0

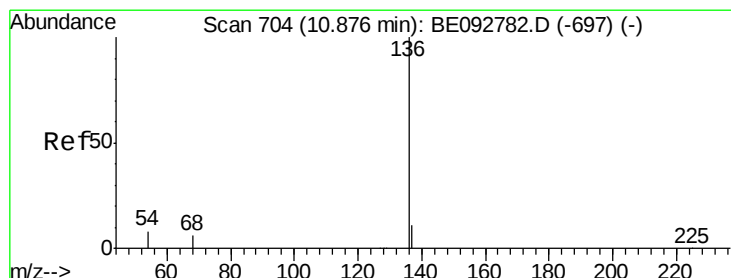
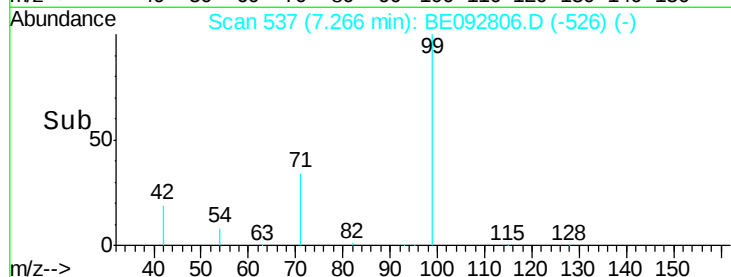
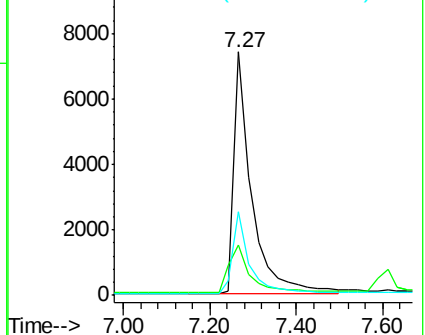
71 33.1 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092806.D

Acq: 7 Mar 2017 11:42

Tgt Ion: 136 Resp: 42111

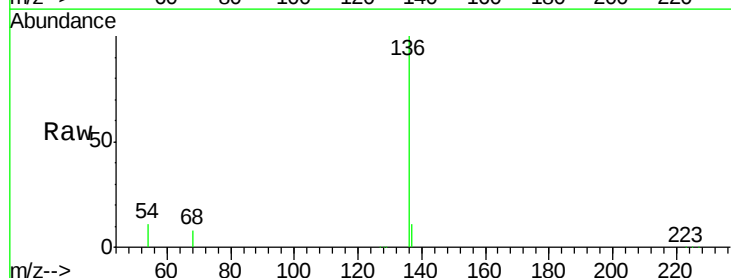
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 11.4 9.6 14.4

68 7.8 6.7 10.1

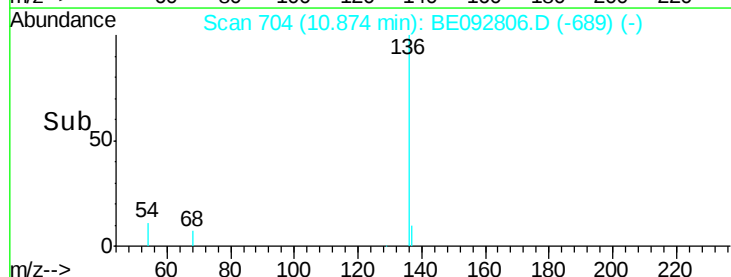
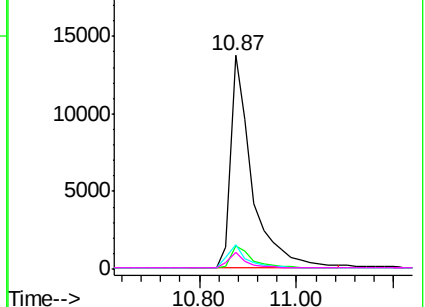


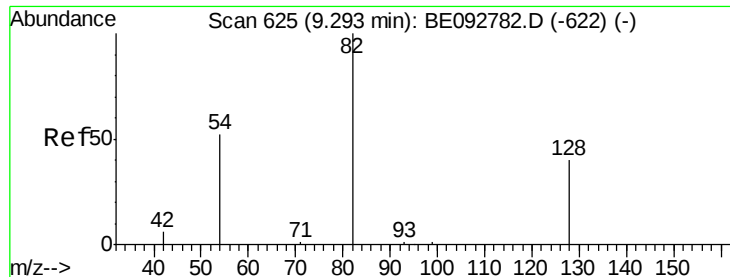
Abundance Ion 136.00 (135.70 to 136.70): E

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

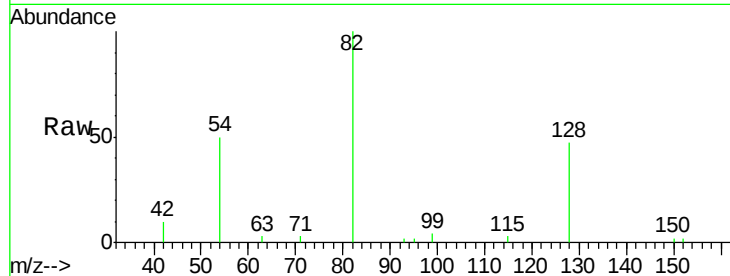




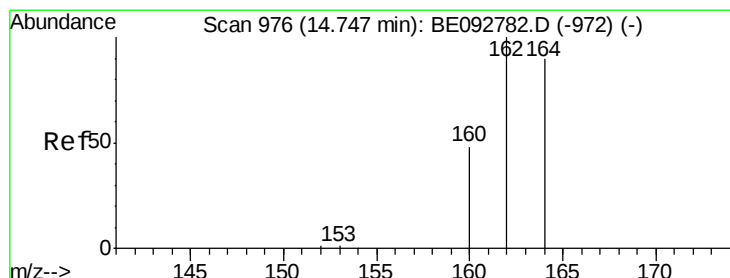
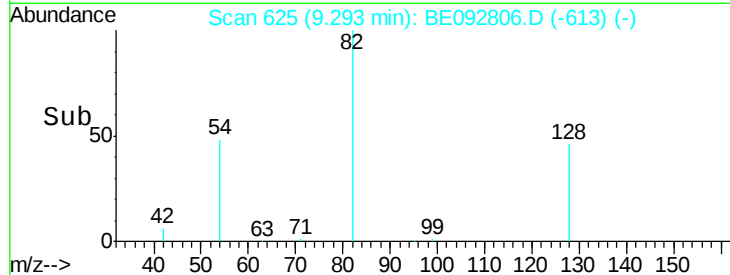
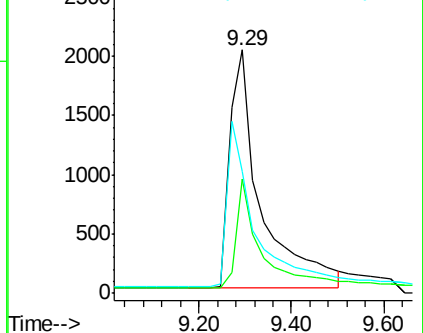
#8
 Nitrobenzene-d5
 Concen: 3.64 ng
 RT: 9.29 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BE092806.D
 Acq: 7 Mar 2017 11:42

Instrument :
 BNA_E
 ClientSampleId :
 PB97289BL

Tgt Ion: 82 Resp: 9360
 Ion Ratio Lower Upper
 82 100
 128 47.0 39.0 58.4
 54 49.9 44.8 67.2

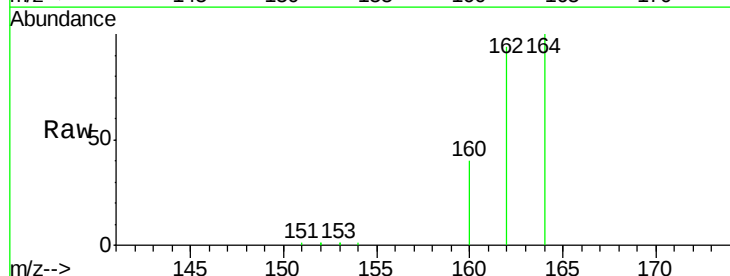


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

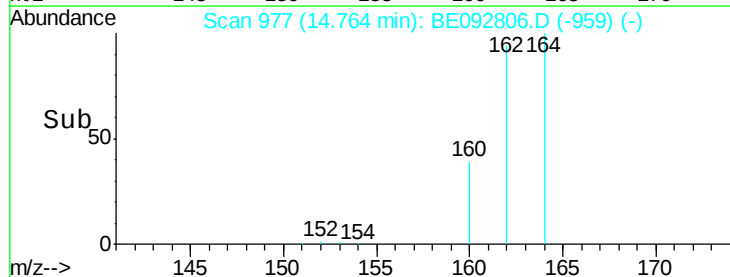
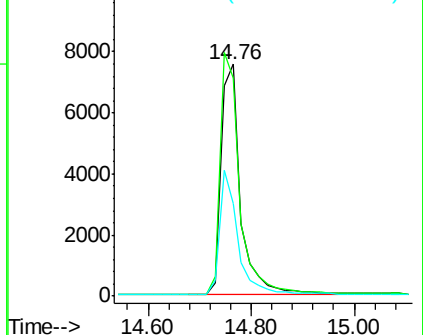


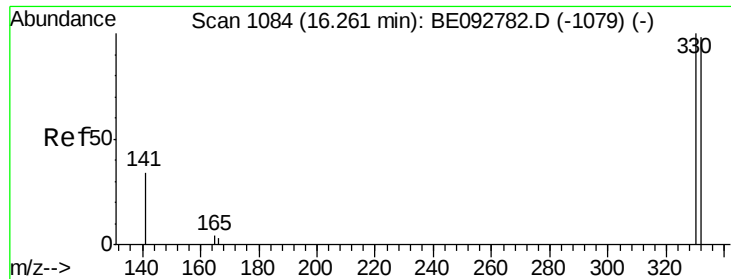
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.76 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BE092806.D
 Acq: 7 Mar 2017 11:42

Tgt Ion: 164 Resp: 20310
 Ion Ratio Lower Upper
 164 100
 162 94.1 71.4 107.0
 160 39.8 27.4 41.2



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

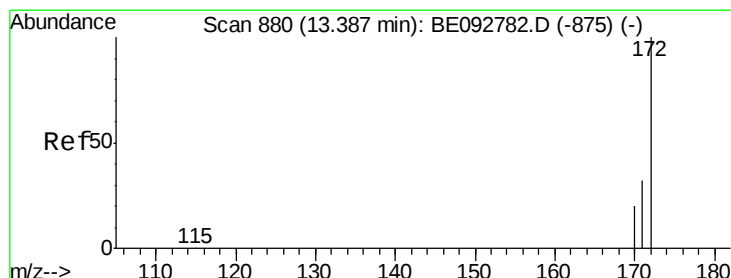
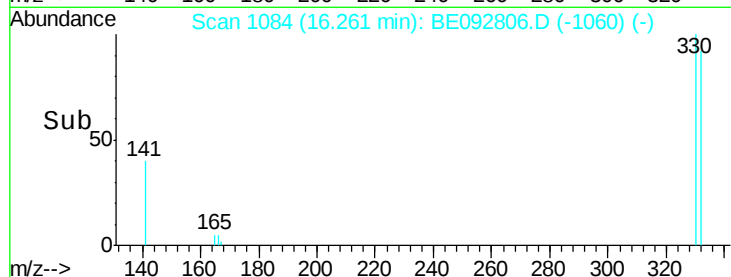
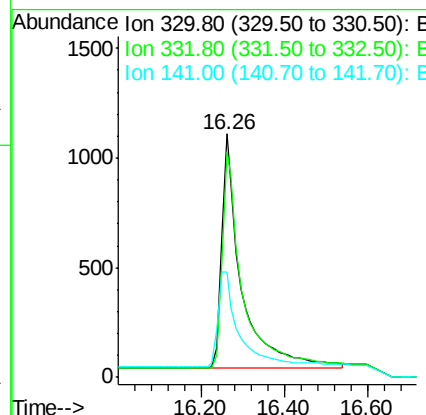
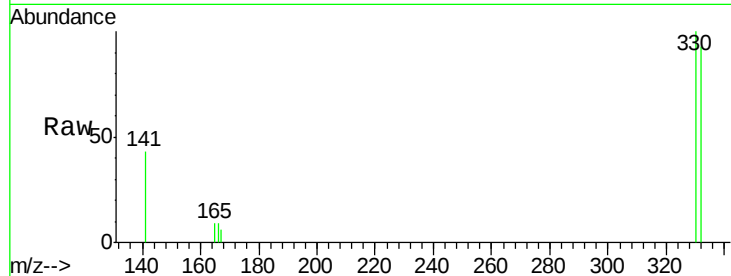




#13
 2,4,6-Tribromophenol
 Concen: 6.63 ng
 RT: 16.26 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BE092806.D
 Acq: 7 Mar 2017 11:42

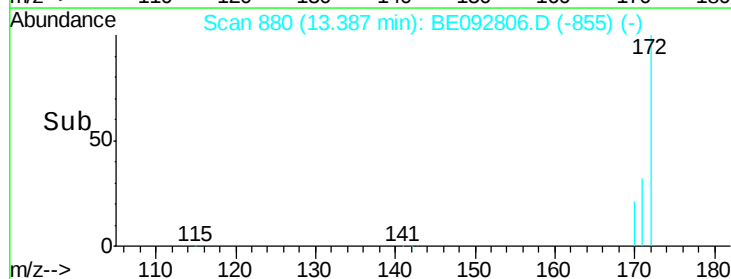
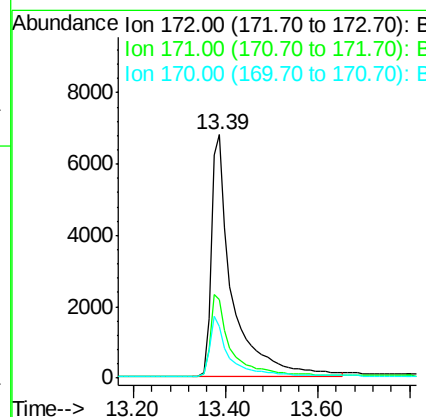
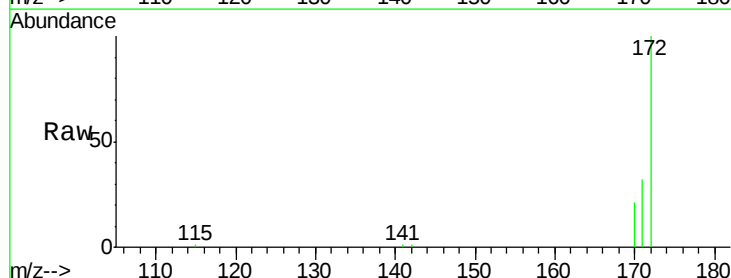
Instrument :
 BNA_E
 ClientSampled :
 PB97289BL

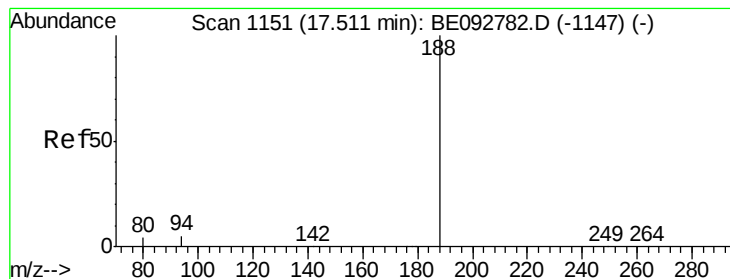
Tgt Ion: 330 Resp: 3544
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 43.2 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.52 ng
 RT: 13.39 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BE092806.D
 Acq: 7 Mar 2017 11:42

Tgt Ion: 172 Resp: 21646
 Ion Ratio Lower Upper
 172 100
 171 32.5 30.1 45.1
 170 21.1 21.8 32.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE092806.D

Acq: 7 Mar 2017 11:42

Instrument :

BNA_E

ClientSampleId :

PB97289BL

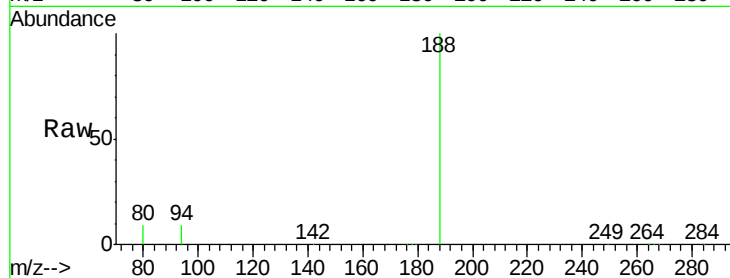
Tgt Ion:188 Resp: 46305

Ion Ratio Lower Upper

188 100

94 8.5 3.2 4.8#

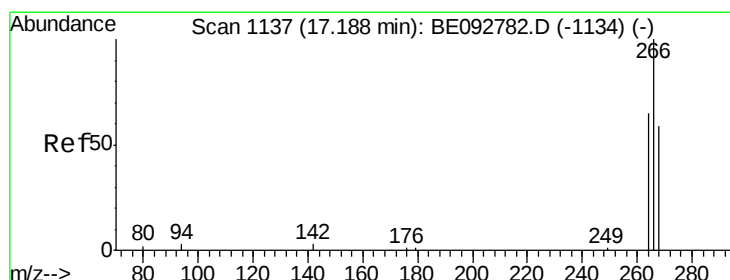
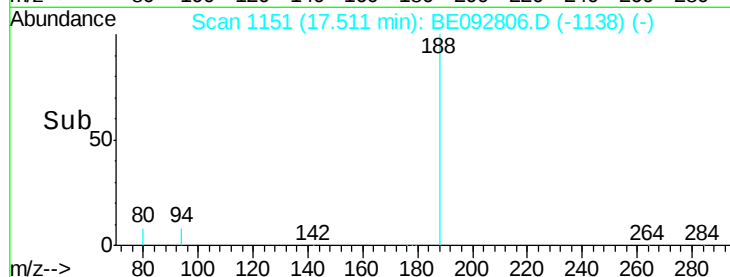
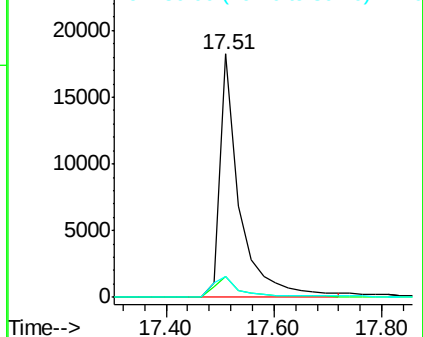
80 8.5 2.6 3.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Pentachlorophenol

Concen: 0.09 ng

RT: 17.23 min Scan# 1139

Delta R.T. -0.07 min

Lab File: BE092806.D

Acq: 7 Mar 2017 11:42

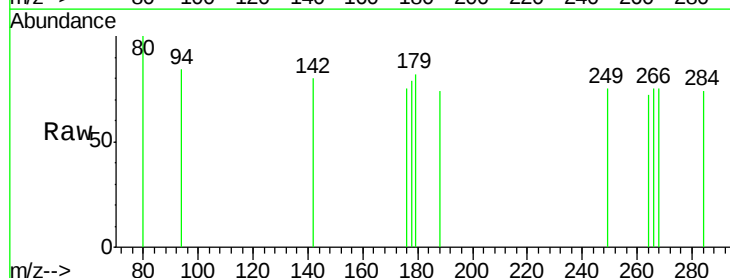
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

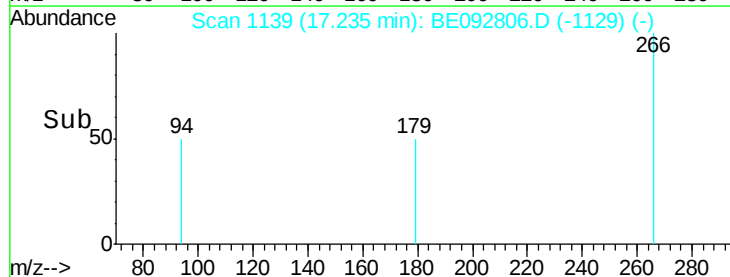
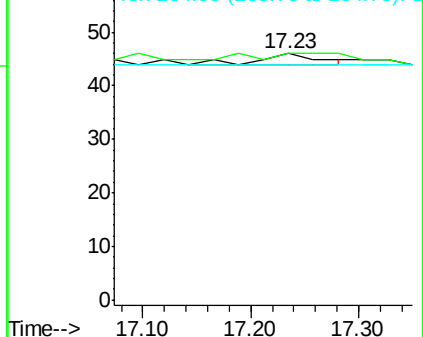
264 95.7 57.2 85.8#

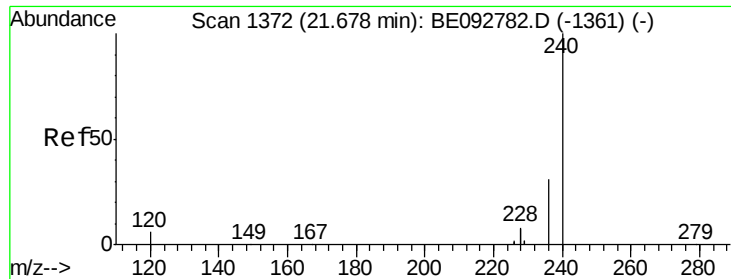


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE092806.D

Acq: 7 Mar 2017 11:42

Instrument :

BNA_E

ClientSampleId :

PB97289BL

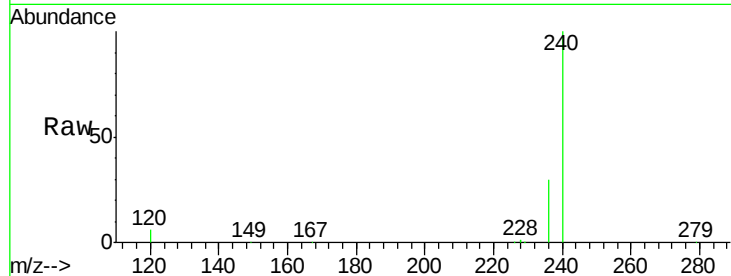
Tgt Ion:240 Resp: 63921

Ion Ratio Lower Upper

240 100

120 6.0 2.6 4.0#

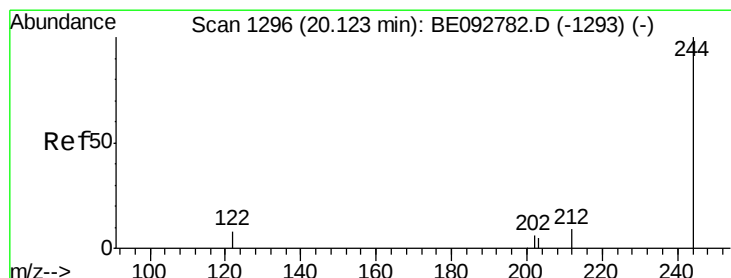
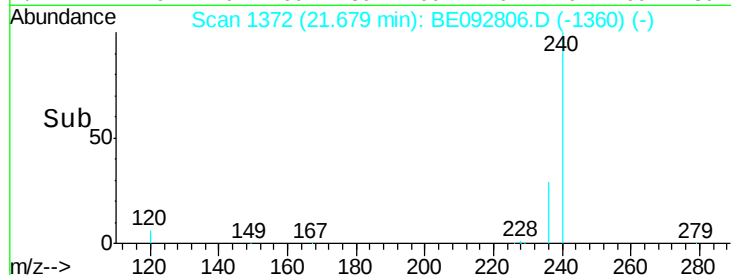
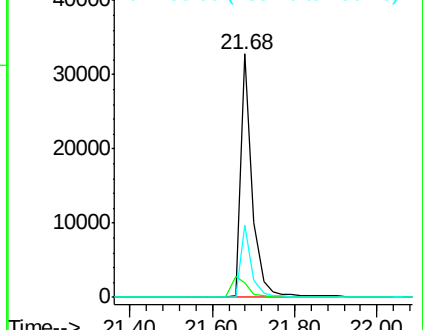
236 29.6 24.6 37.0



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



#26

Terphenyl-d14

Concen: 3.78 ng

RT: 20.12 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BE092806.D

Acq: 7 Mar 2017 11:42

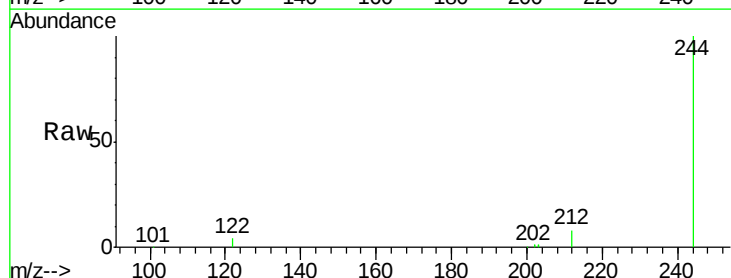
Tgt Ion:244 Resp: 29153

Ion Ratio Lower Upper

244 100

212 7.5 6.7 10.1

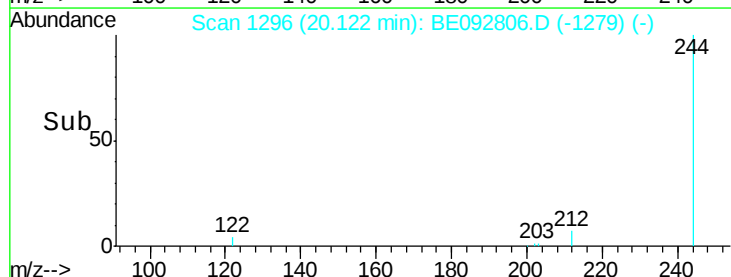
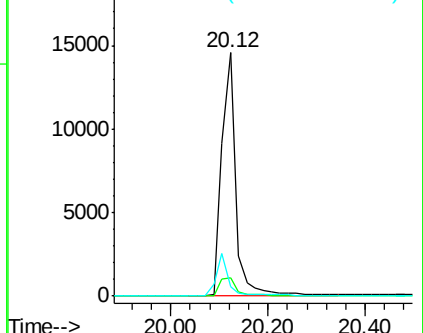
122 3.8 3.6 5.4

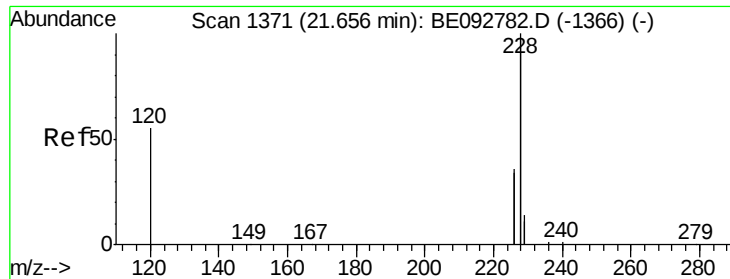


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

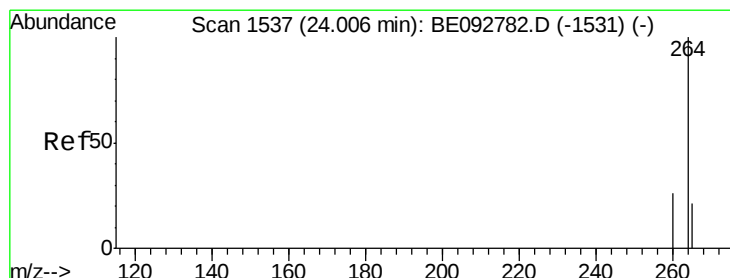
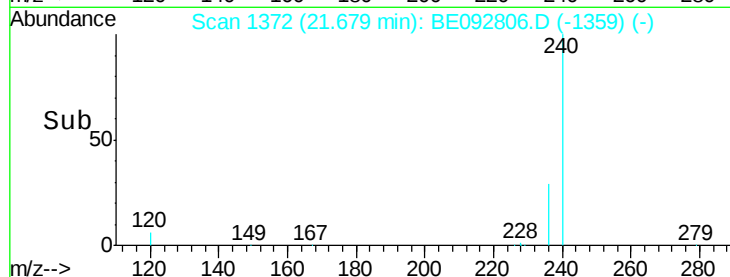
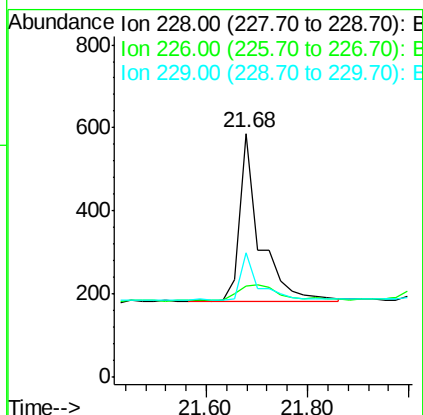
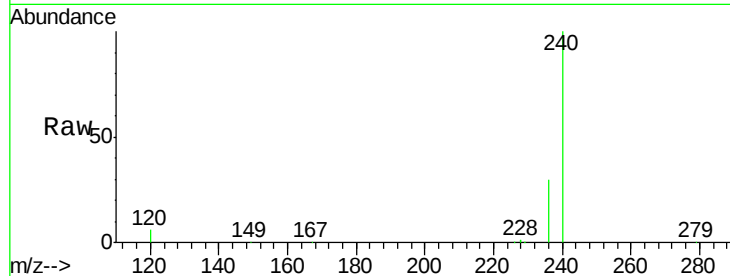




#27
Benzo(a)anthracene
Concen: 0.08 ng
RT: 21.68 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE092806.D
Acq: 7 Mar 2017 11:42

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion:228 Resp: 1125
Ion Ratio Lower Upper
228 100
226 37.2 23.6 35.4#
229 51.2 13.3 19.9#



#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BE092806.D
Acq: 7 Mar 2017 11:42

Tgt Ion:264 Resp: 44237
Ion Ratio Lower Upper
264 100
260 26.7 20.1 30.1
265 22.1 17.9 26.9

