

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092216\
 Data File : BE092404.D
 Acq On : 22 Sep 2016 20:19
 Operator : UM/SJ
 Sample : PB93406BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93406BL

Quant Time: Sep 23 03:10:11 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

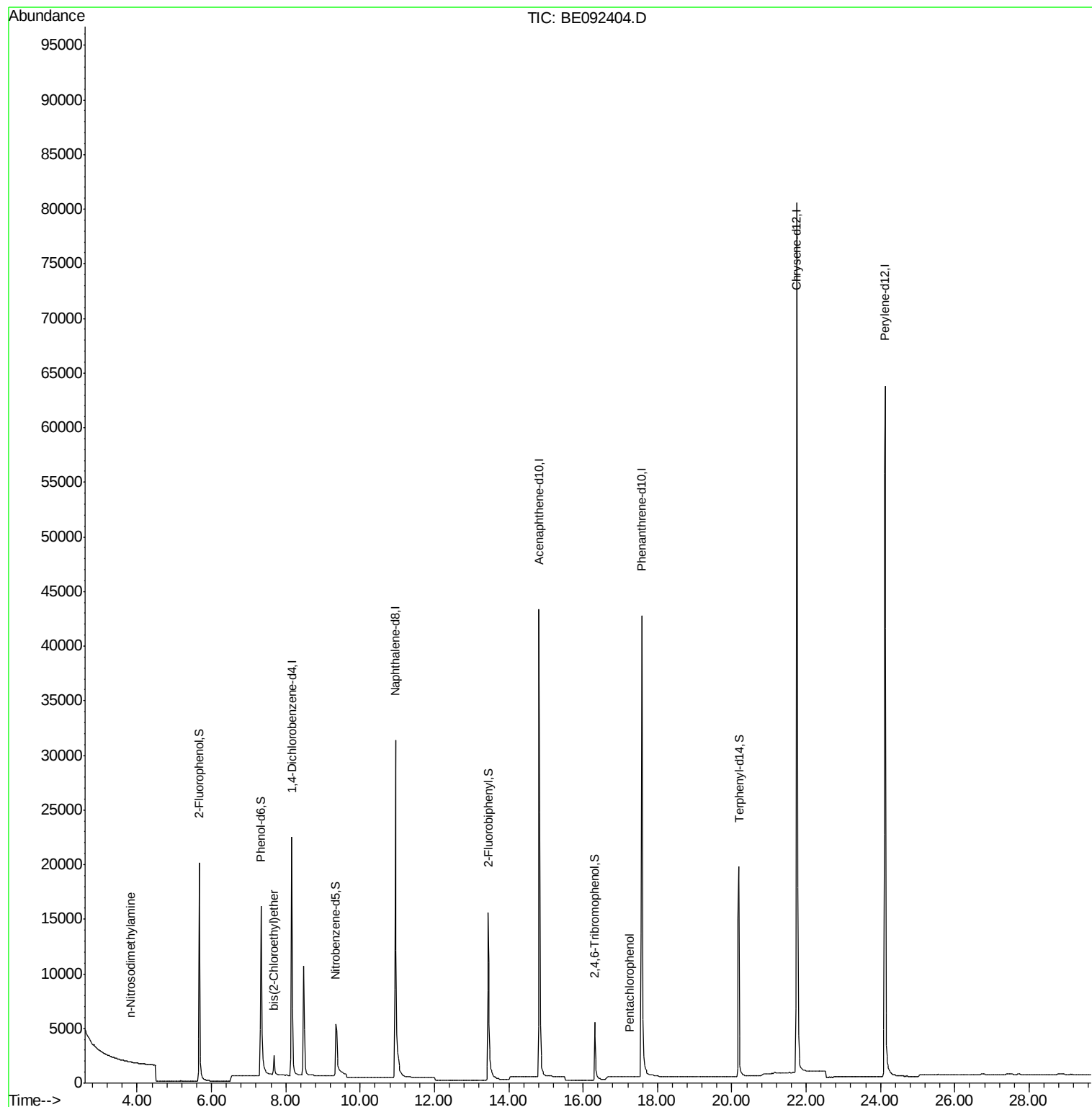
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	12823	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	54047	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	32444	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	72584	5.00	ng	0.02
24) Chrysene-d12	21.75	240	105090	5.00	ng	0.00
31) Perylene-d12	24.12	264	102821	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	17570	5.84	ng	-0.02
5) Phenol-d6	7.34	99	22243	5.18	ng	-0.02
8) Nitrobenzene-d5	9.34	82	8908	2.37	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	4919	4.35	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	23010	3.00	ng	0.00
26) Terphenyl-d14	20.19	244	33569	2.57	ng	0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.84	42	5	0.19	ng	# 2
6) bis(2-Chloroethyl)ether	7.68	93	21	0.10	ng	# 1
20) Pentachlorophenol	17.26	266	1	0.18	ng	# 73

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

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QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

Instrument :

BNA_E

ClientSampleId :

PB93406BL

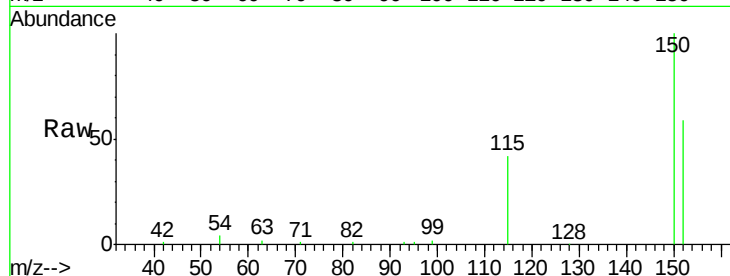
Tgt Ion:152 Resp: 12823

Ion Ratio Lower Upper

152 100

150 169.6 106.0 159.0#

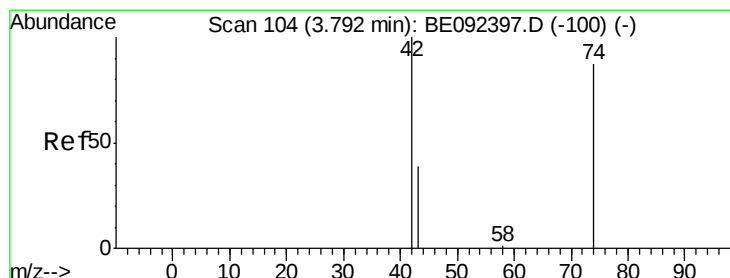
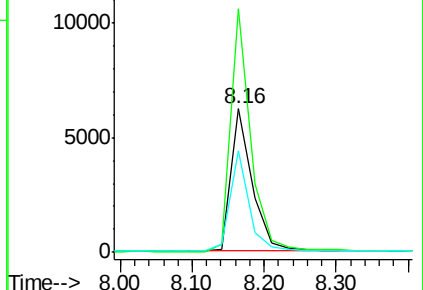
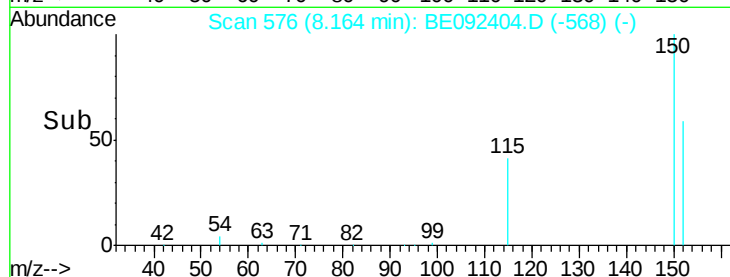
115 70.7 31.2 46.8#



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



#3

n-Nitrosodimethylamine

Concen: 0.19 ng

RT: 3.84 min Scan# 108

Delta R.T. 0.04 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

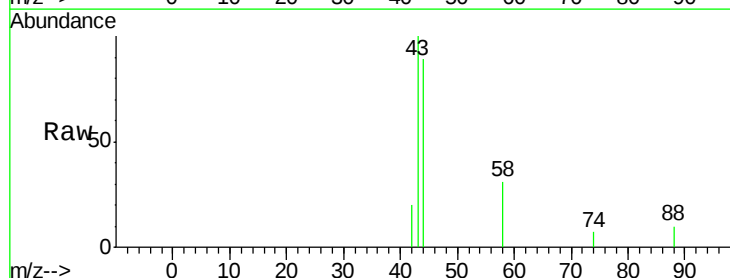
Tgt Ion: 42 Resp: 5

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

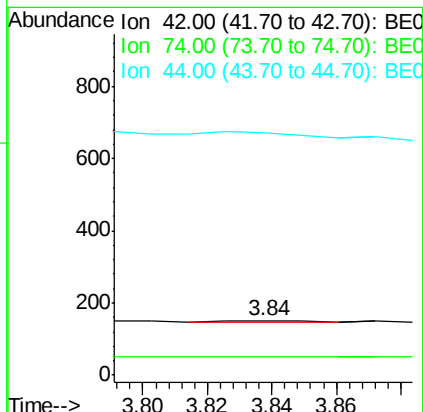
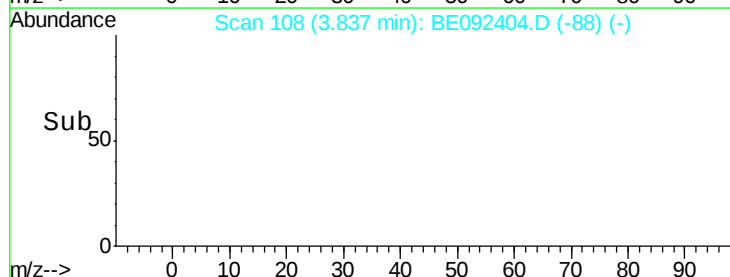
44 0.0 5.1 7.7#

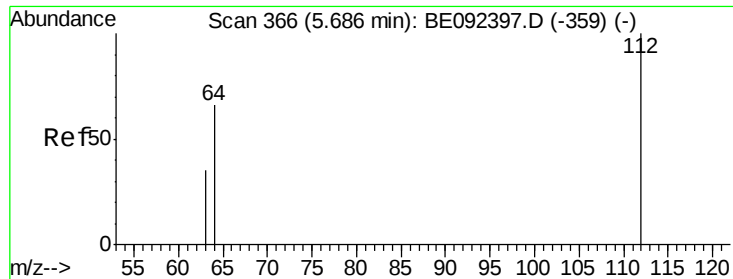


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 5.84 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

Instrument :

BNA_E

ClientSampleId :

PB93406BL

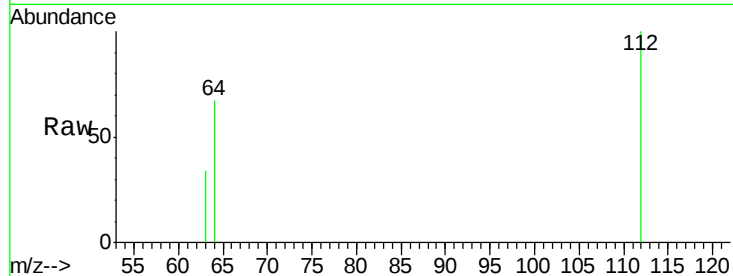
Tgt Ion: 112 Resp: 17570

Ion Ratio Lower Upper

112 100

64 67.6 53.5 80.3

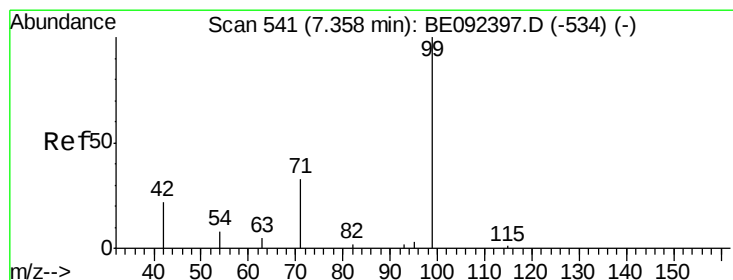
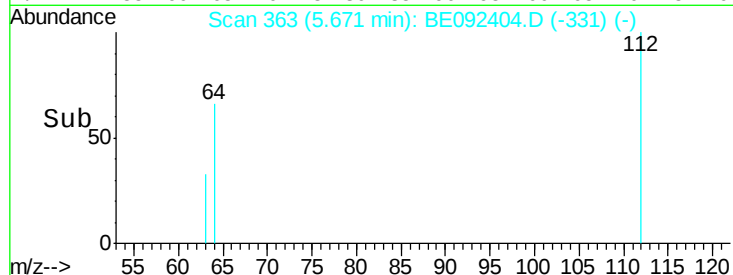
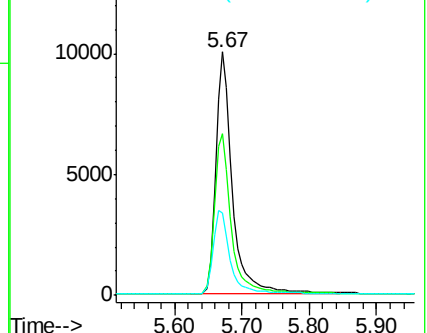
63 35.9 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE092404.D (-532) (-)

Ion 64.00 (63.70 to 64.70): BE092404.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BE092404.D (-532) (-)



#5

Phenol-d6

Concen: 5.18 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

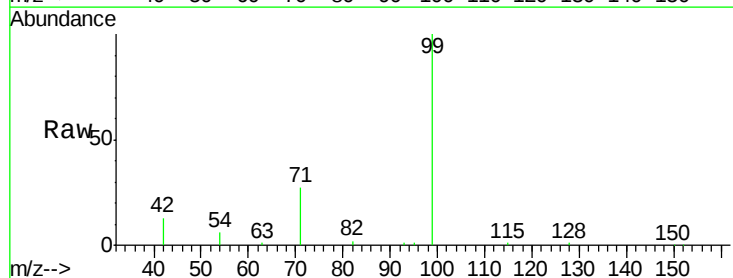
Tgt Ion: 99 Resp: 22243

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

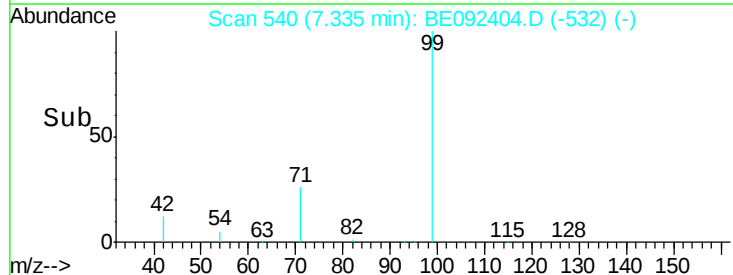
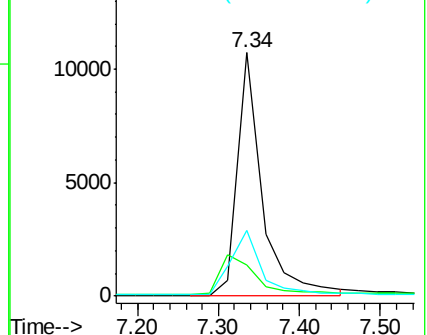
71 33.0 30.6 45.8

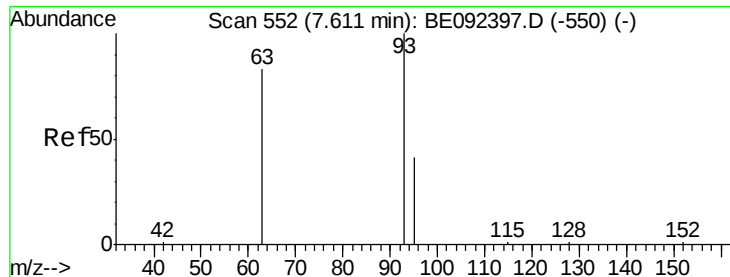


Abundance Ion 99.00 (98.70 to 99.70): BE092404.D (-532) (-)

Ion 42.00 (41.70 to 42.70): BE092404.D (-532) (-)

Ion 71.00 (70.70 to 71.70): BE092404.D (-532) (-)





#6

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 7.68 min Scan# 555

Delta R.T. 0.07 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

Instrument :

BNA_E

ClientSampleId :

PB93406BL

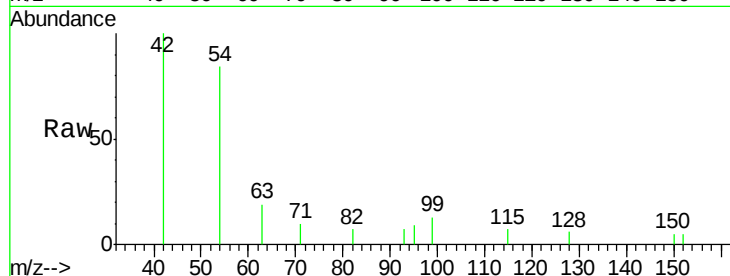
Tgt Ion: 93 Resp: 21

Ion Ratio Lower Upper

93 100

63 1061.9 71.6 107.4#

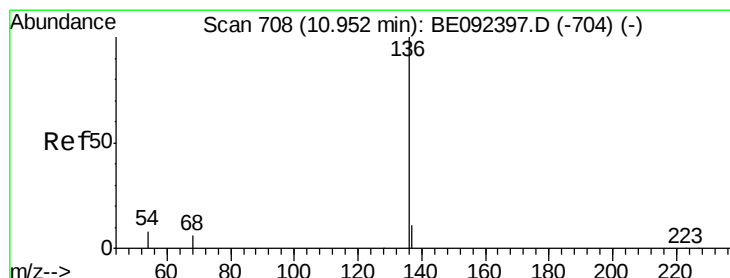
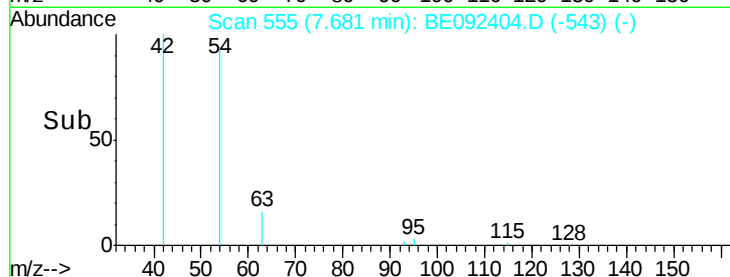
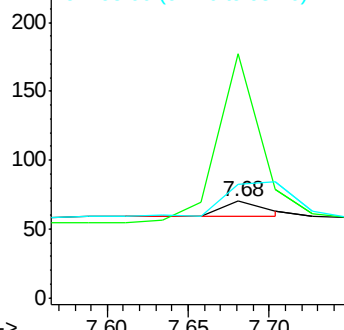
95 0.0 24.0 36.0#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

Tgt Ion: 136 Resp: 54047

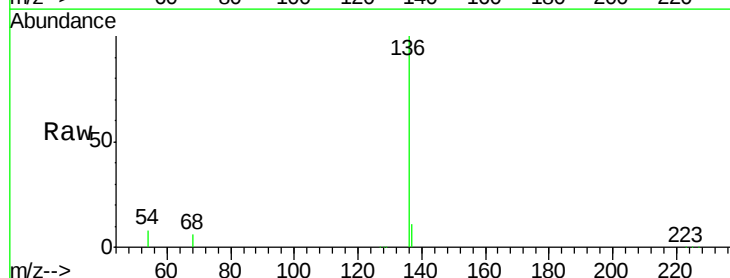
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 8.0 9.6 14.4#

68 6.0 6.7 10.1#

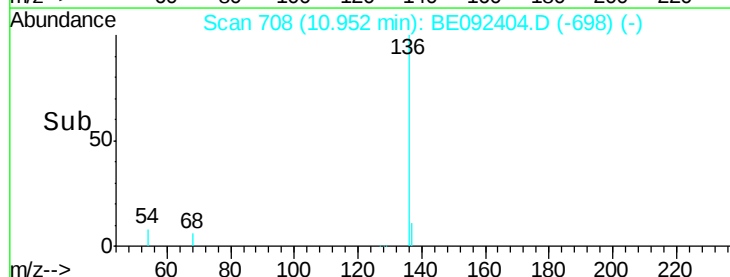
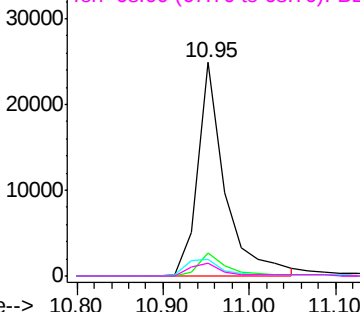


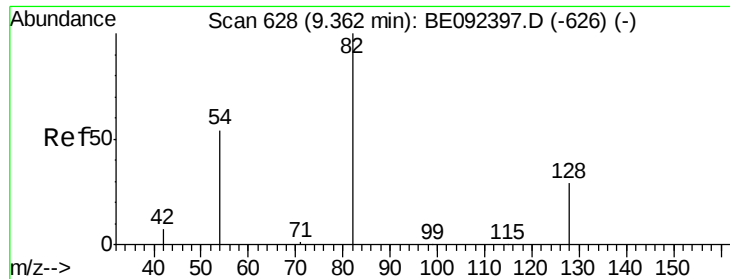
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.37 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

Instrument :

BNA_E

ClientSampleId :

PB93406BL

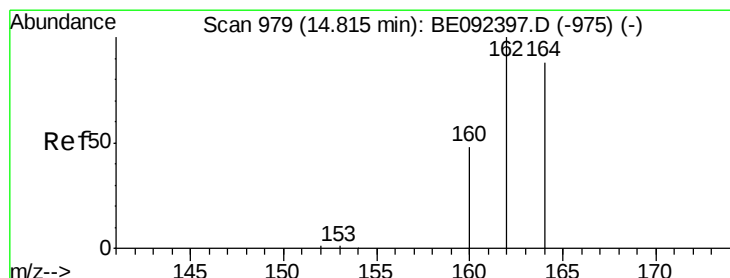
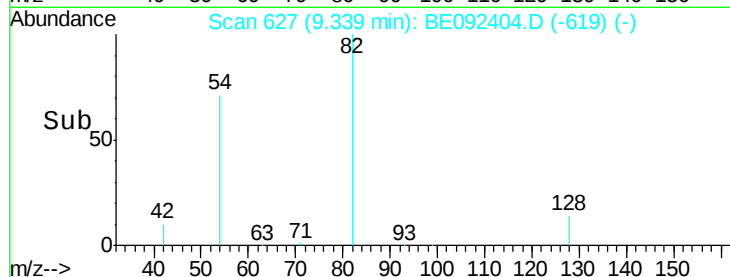
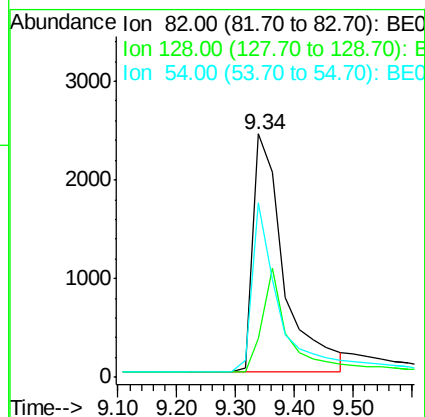
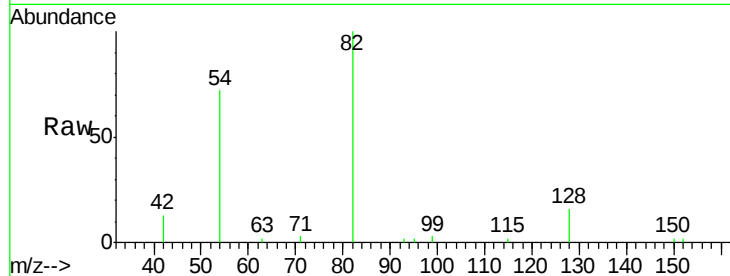
Tgt Ion: 82 Resp: 8908

Ion Ratio Lower Upper

82 100

128 15.9 39.0 58.4#

54 71.9 44.8 67.2#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

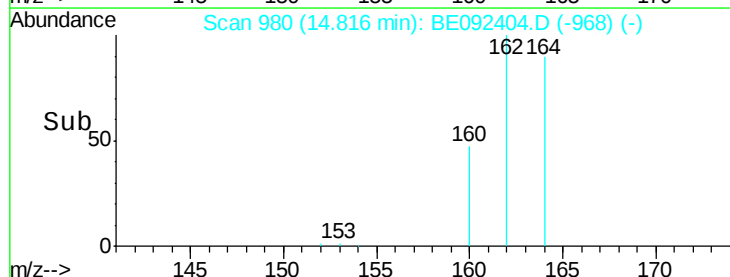
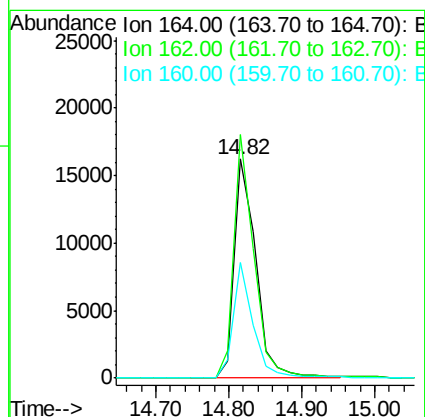
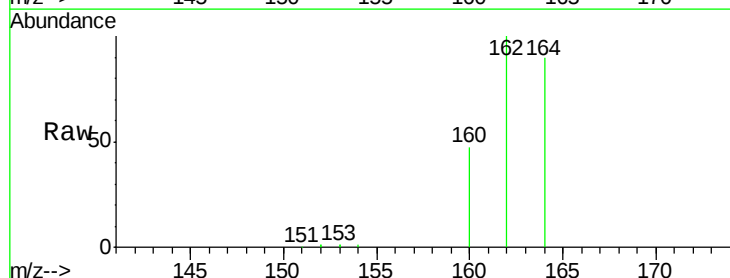
Tgt Ion: 164 Resp: 32444

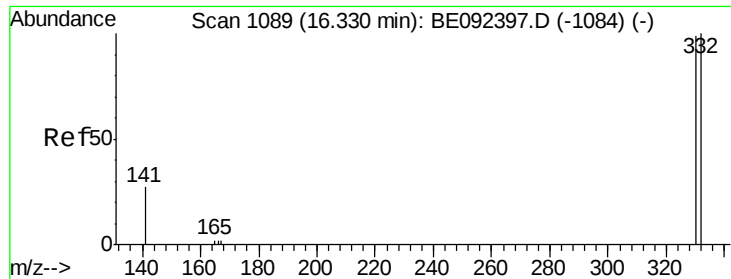
Ion Ratio Lower Upper

164 100

162 111.2 71.4 107.0#

160 52.8 27.4 41.2#

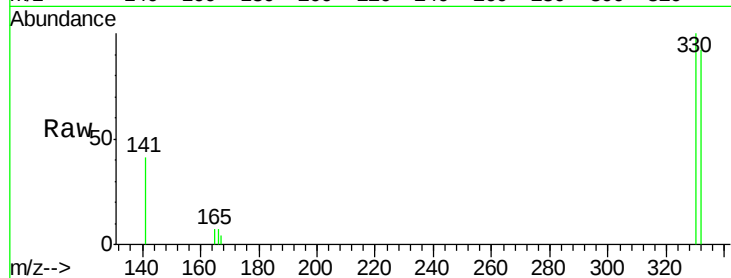




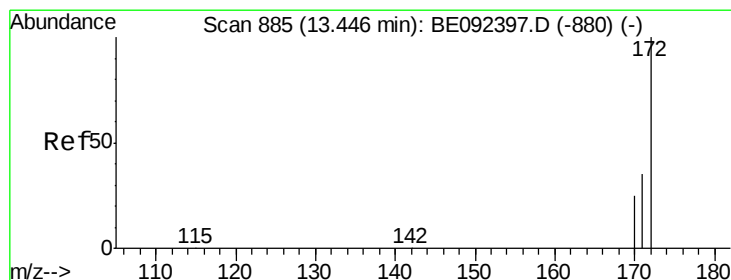
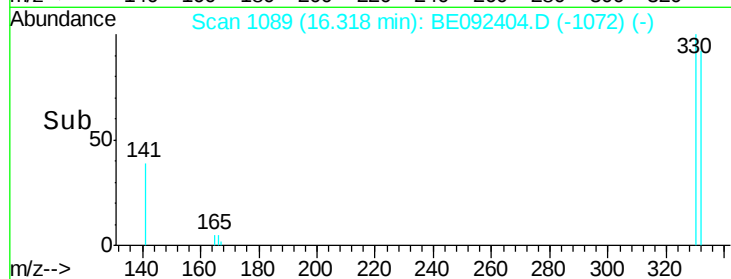
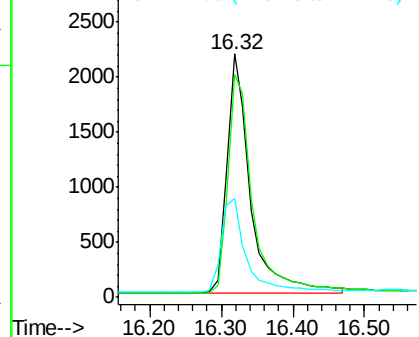
#13
 2,4,6-Tribromophenol
 Concen: 4.35 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BE092404.D
 Acq: 22 Sep 2016 20:19

Instrument :
 BNA_E
 ClientSampleId :
 PB93406BL

Tgt Ion: 330 Resp: 4919
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.4 113.0
 141 41.8 31.0 46.6

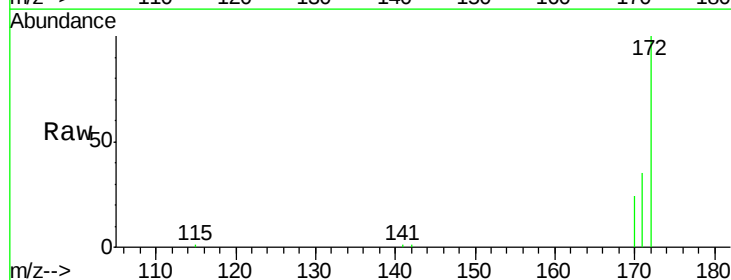


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

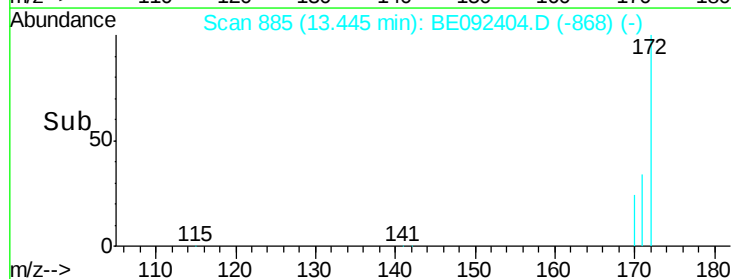
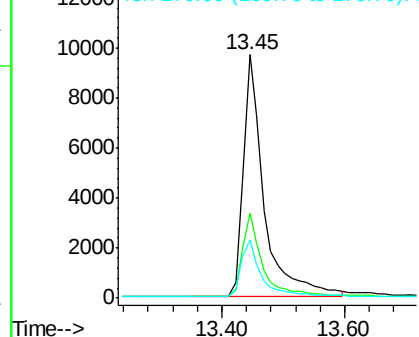


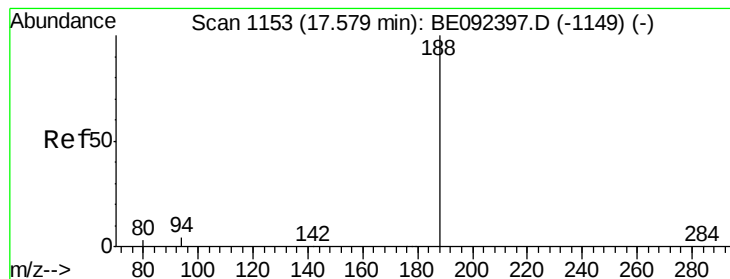
#14
 2-Fluorobiphenyl
 Concen: 3.00 ng
 RT: 13.45 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092404.D
 Acq: 22 Sep 2016 20:19

Tgt Ion: 172 Resp: 23010
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.1 45.1
 170 24.0 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

Instrument :

BNA_E

ClientSampleId :

PB93406BL

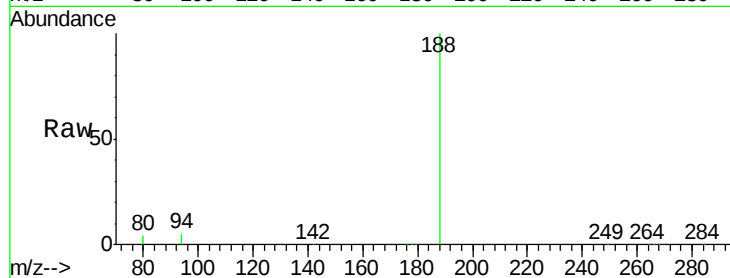
Tgt Ion:188 Resp: 72584

Ion Ratio Lower Upper

188 100

94 4.9 3.2 4.8#

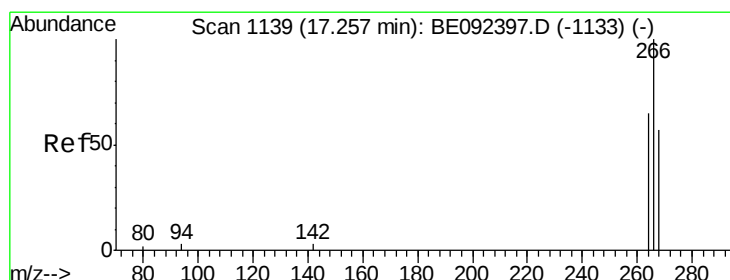
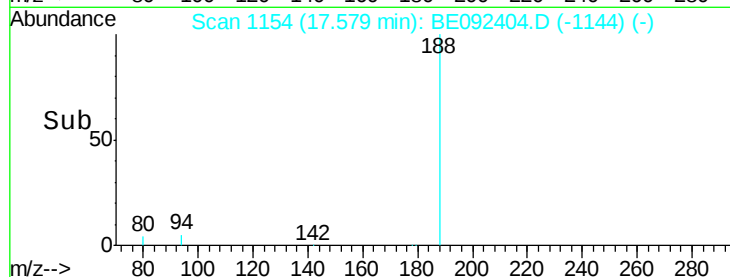
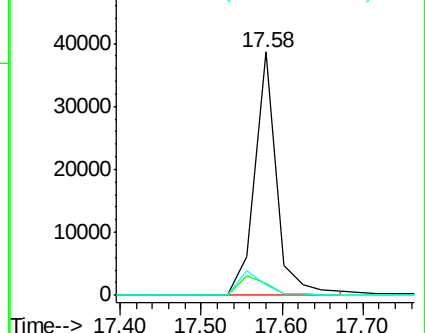
80 4.4 2.6 3.8#



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: 0.18 ng

RT: 17.26 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

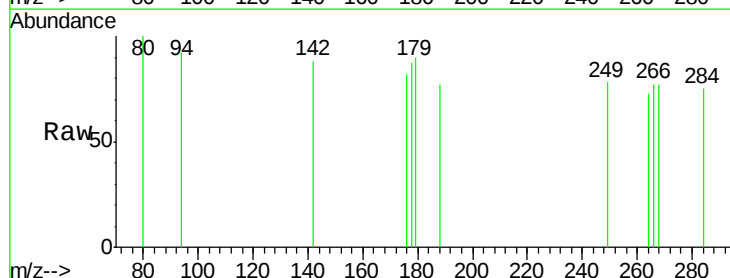
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

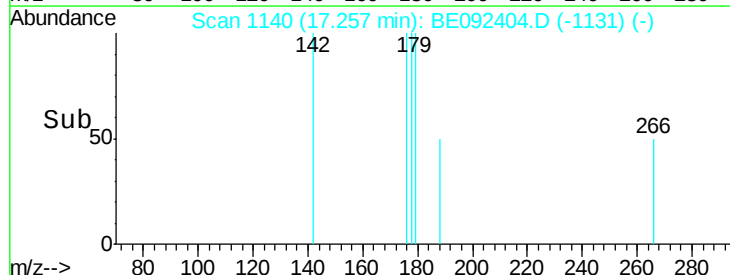
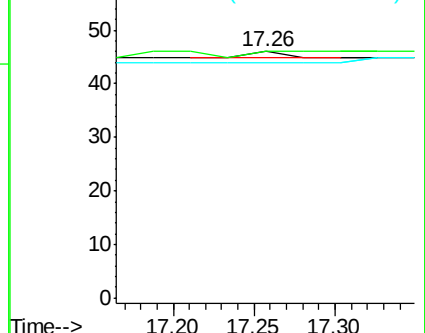
264 95.7 57.2 85.8#

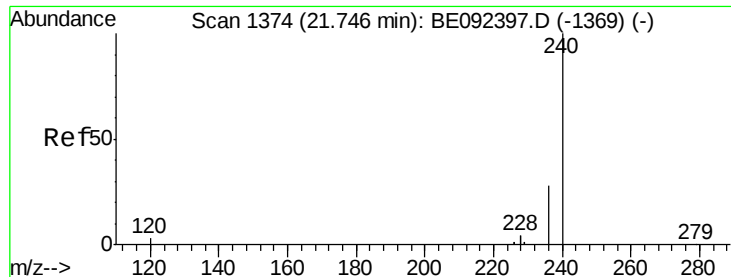


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

Instrument :

BNA_E

ClientSampleId :

PB93406BL

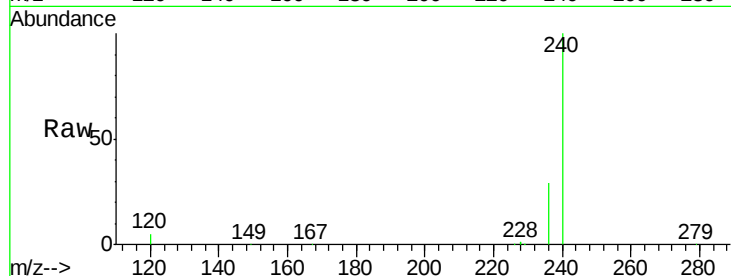
Tgt Ion:240 Resp: 105090

Ion Ratio Lower Upper

240 100

120 4.6 2.6 4.0#

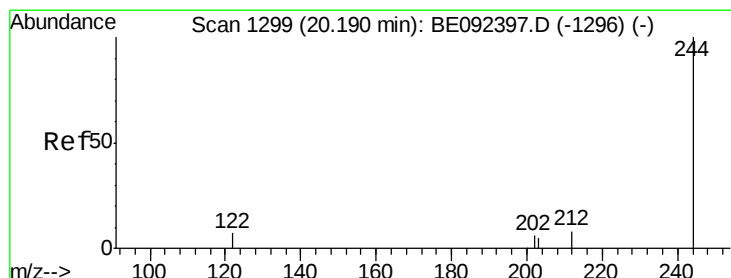
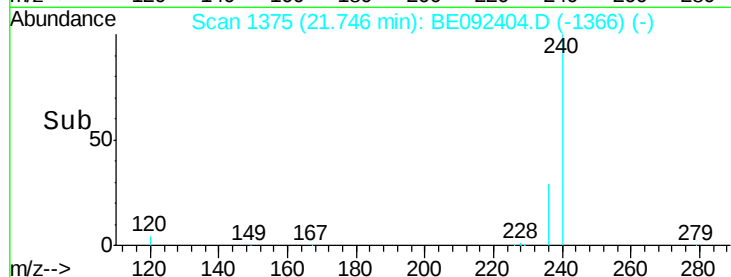
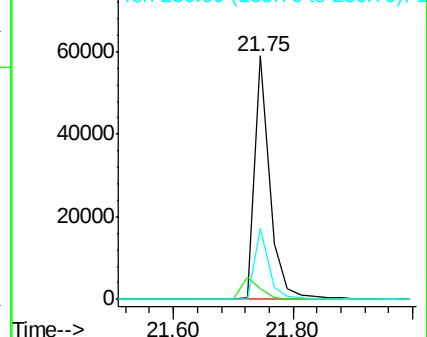
236 29.1 24.6 37.0



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: 2.57 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.02 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

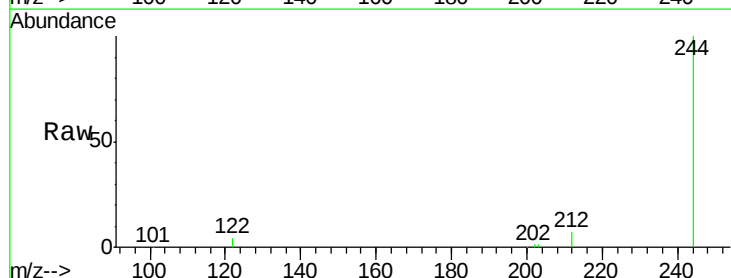
Tgt Ion:244 Resp: 33569

Ion Ratio Lower Upper

244 100

212 7.3 6.7 10.1

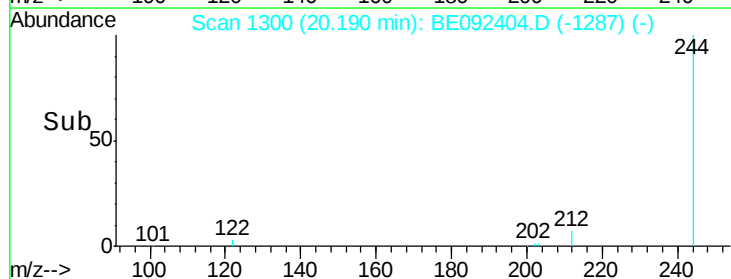
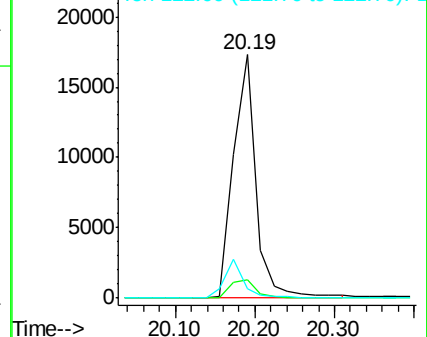
122 3.7 3.6 5.4

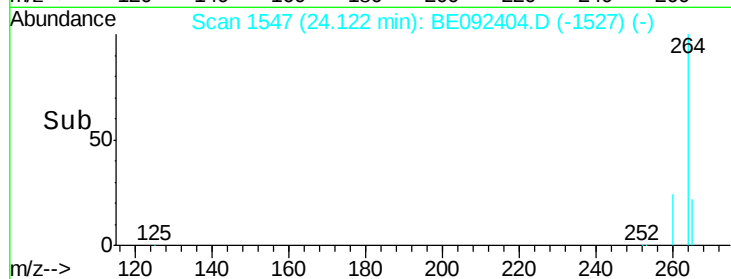
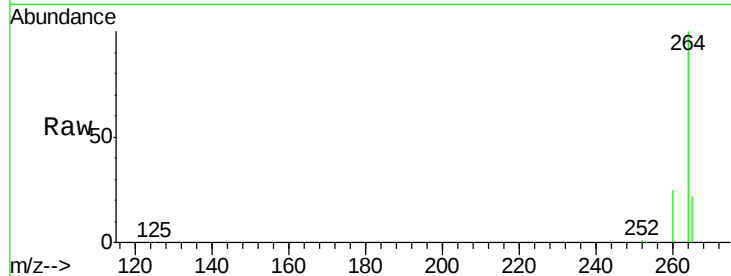
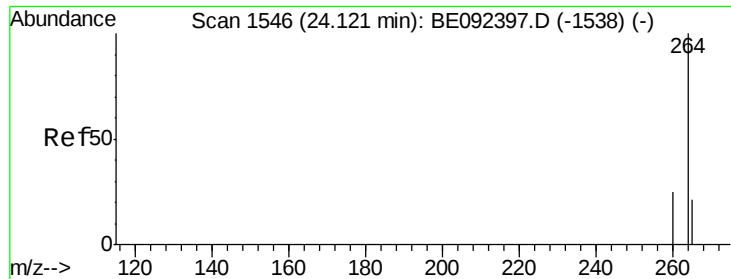


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.12 min Scan# 1547

Delta R.T. 0.04 min

Lab File: BE092404.D

Acq: 22 Sep 2016 20:19

Instrument :

BNA_E

ClientSampleId :

PB93406BL

Tgt Ion:264 Resp: 102821

Ion Ratio Lower Upper

264 100

260 24.5 20.1 30.1

265 22.5 17.9 26.9

