

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
 Data File : BE092445.D
 Acq On : 7 Oct 2016 13:23
 Operator : UM/SJ
 Sample : PB93840BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93840BL

Quant Time: Oct 07 22:56:44 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

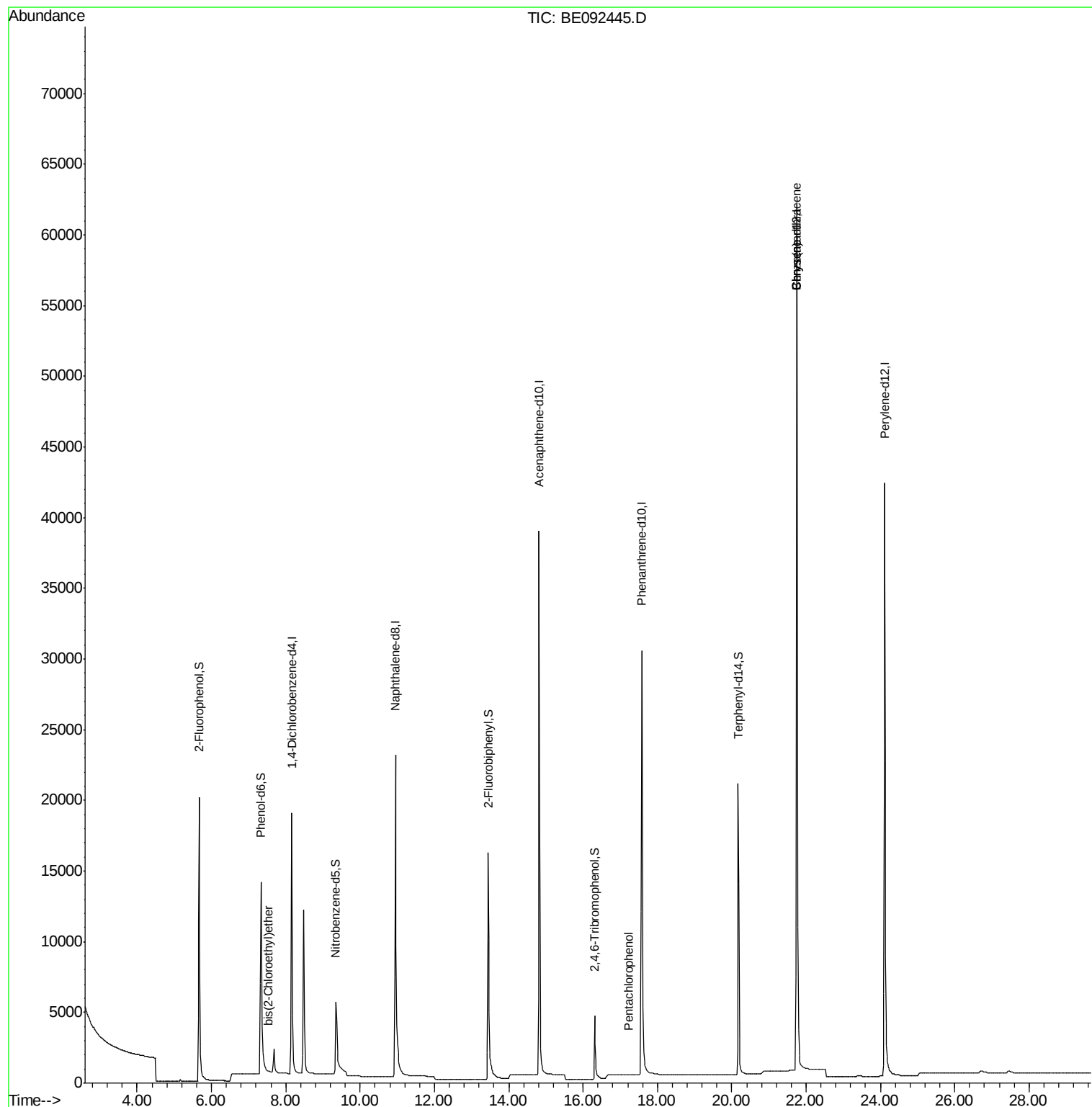
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10737	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	42958	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	28771	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	56068	5.00	ng	0.02
24) Chrysene-d12	21.75	240	79888	5.00	ng	0.00
31) Perylene-d12	24.11	264	72352	5.00	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	18053	7.14	ng	-0.02
5) Phenol-d6	7.34	99	21420	5.95	ng	-0.02
8) Nitrobenzene-d5	9.34	82	9006	2.98	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	4329	4.32	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	24026	3.53	ng	0.00
26) Terphenyl-d14	20.17	244	33318	3.36	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.52	93	1	0.09	ng	# 15
20) Pentachlorophenol	17.23	266	3	0.18	ng	# 72
27) Benzo(a)anthracene	21.75	228	1880	0.02	ng	# 63
28) Chrysene	21.75	228	1915	0.03	ng	# 65

(#) = 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# 576

Delta R.T. -0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

Instrument :

BNA_E

ClientSampleId :

PB93840BL

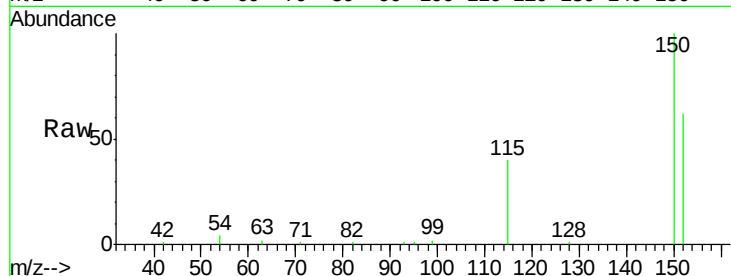
Tgt Ion:152 Resp: 10737

Ion Ratio Lower Upper

152 100

150 162.3 106.0 159.0#

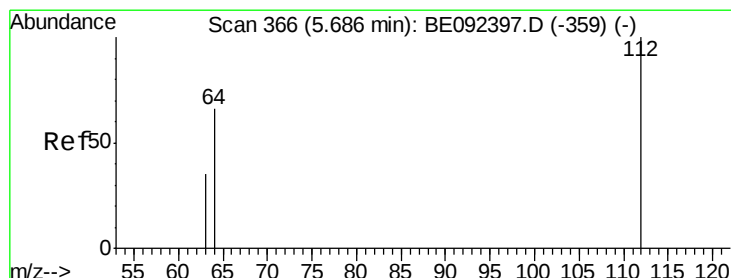
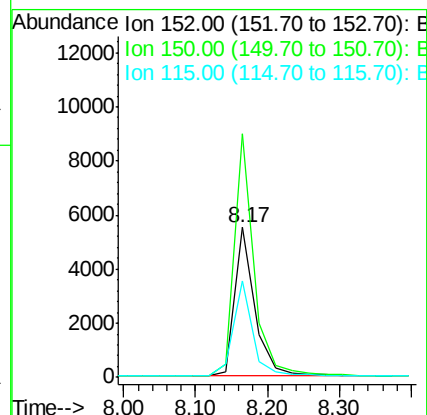
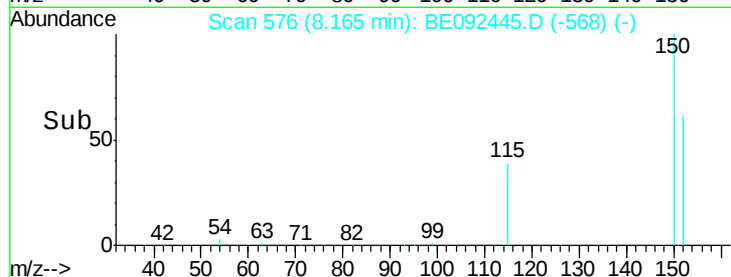
115 64.2 31.2 46.8#



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: 7.14 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

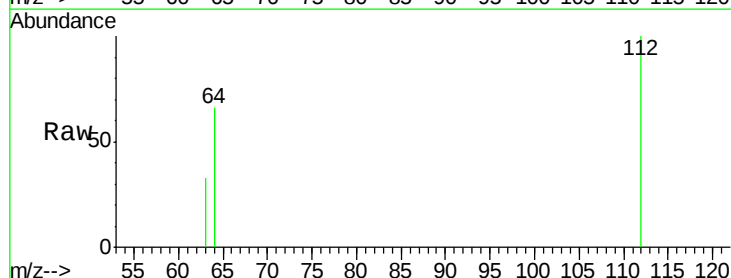
Tgt Ion:112 Resp: 18053

Ion Ratio Lower Upper

112 100

64 67.6 53.5 80.3

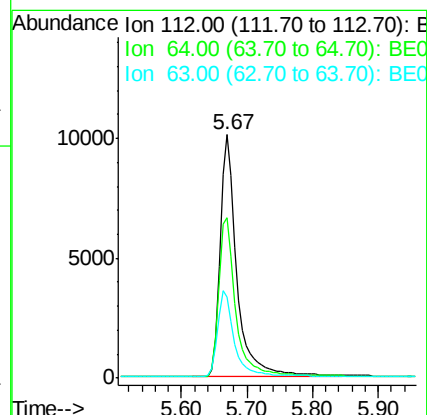
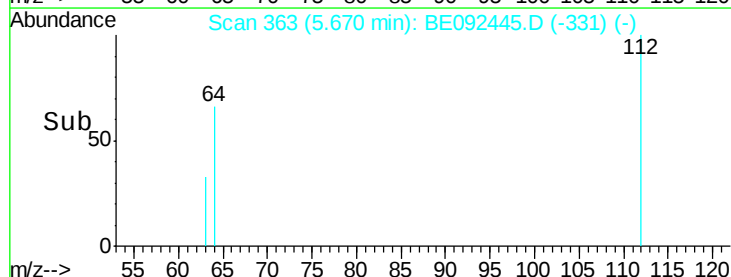
63 36.0 27.9 41.9

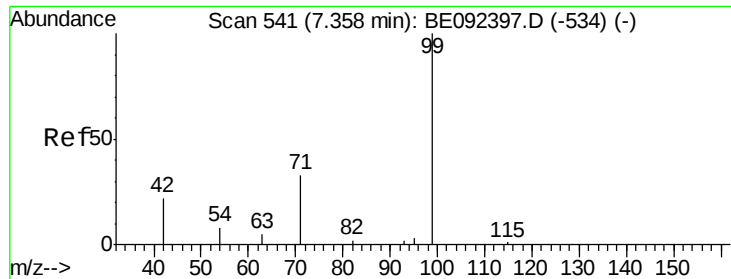


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.95 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

Instrument :

BNA_E

ClientSampleId :

PB93840BL

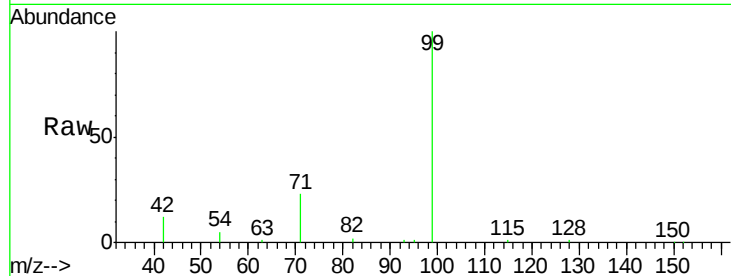
Tgt Ion: 99 Resp: 21420

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

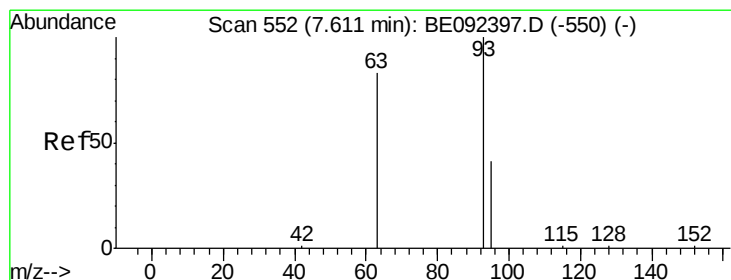
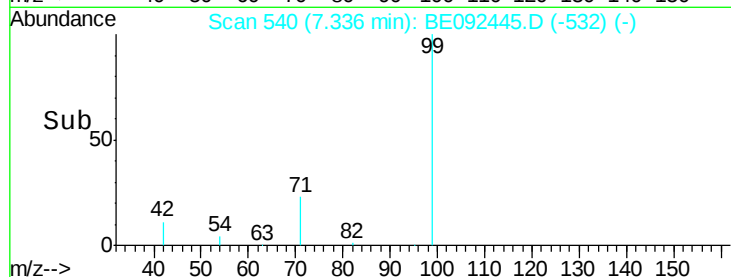
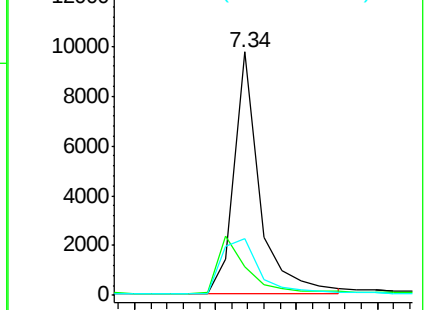
71 34.3 30.6 45.8



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



#6

bis(2-Chloroethyl)ether

Concen: 0.09 ng

RT: 7.52 min Scan# 548

Delta R.T. -0.09 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

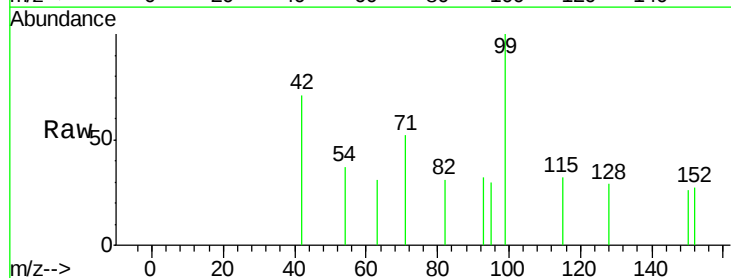
Tgt Ion: 93 Resp: 1

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

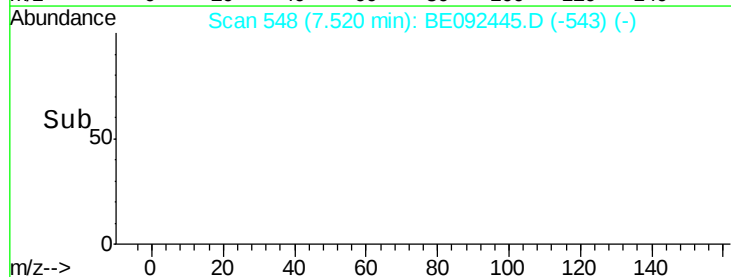
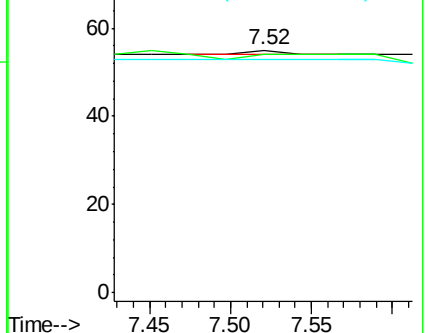
95 0.0 24.0 36.0#

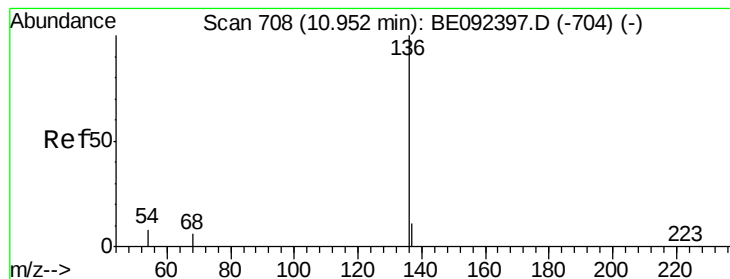


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092445.D

Acq: 7 Oct 2016 13:23

Instrument :

BNA_E

ClientSampleId :

PB93840BL

Tgt Ion:136 Resp: 42958

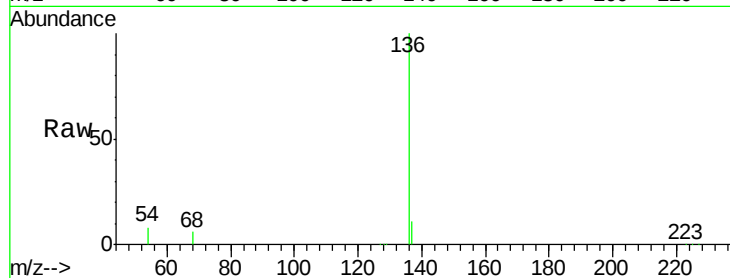
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 8.2 9.6 14.4#

68 6.0 6.7 10.1#

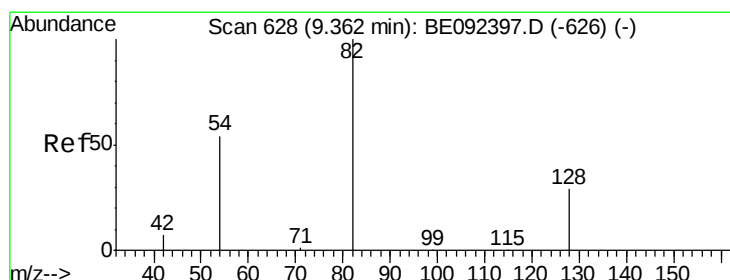
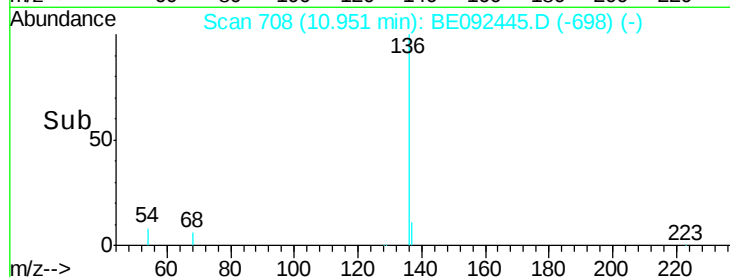
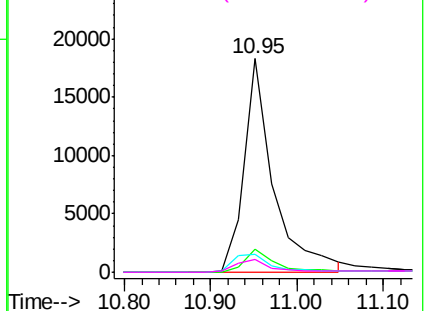


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.98 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

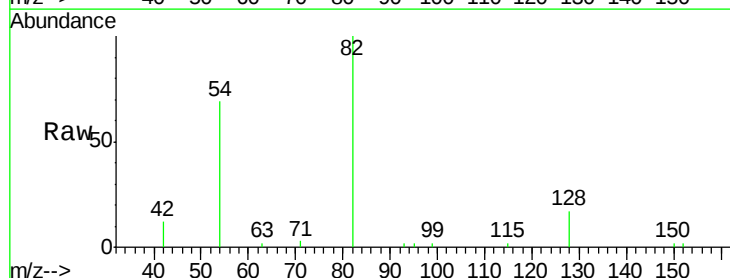
Tgt Ion: 82 Resp: 9006

Ion Ratio Lower Upper

82 100

128 17.5 39.0 58.4#

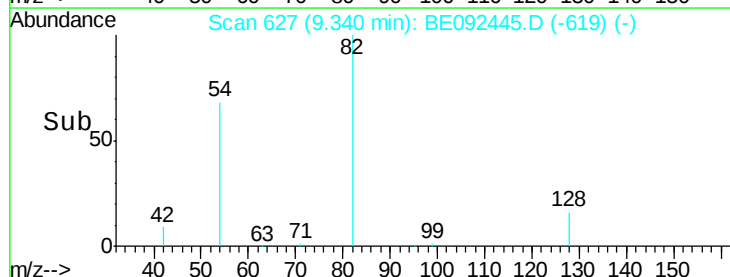
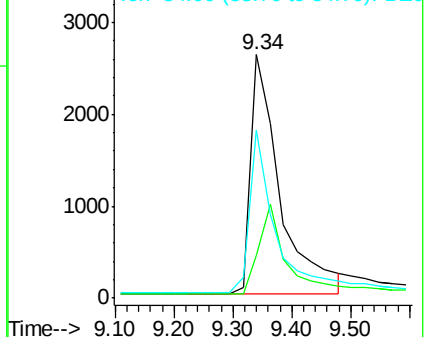
54 69.1 44.8 67.2#

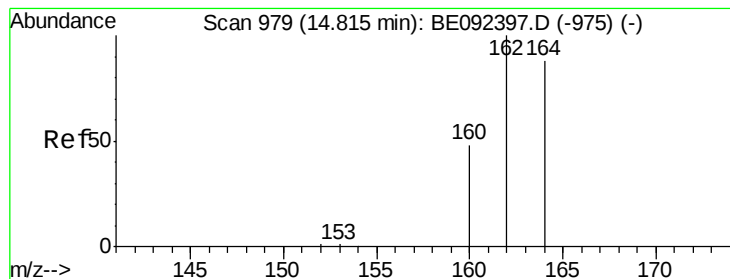


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

Instrument :

BNA_E

ClientSampleId :

PB93840BL

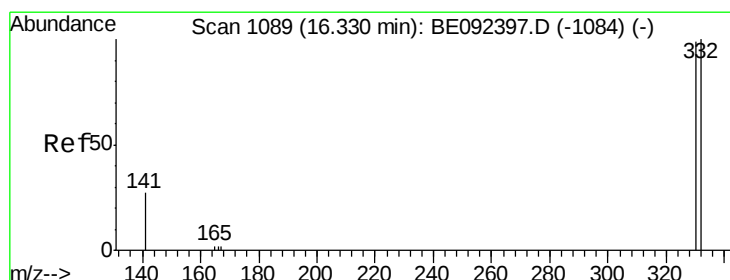
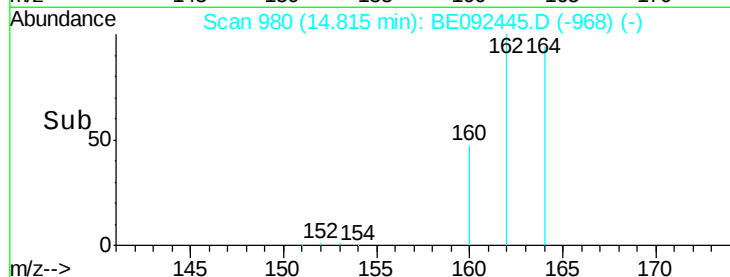
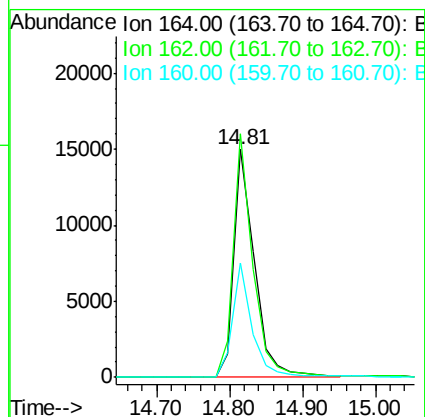
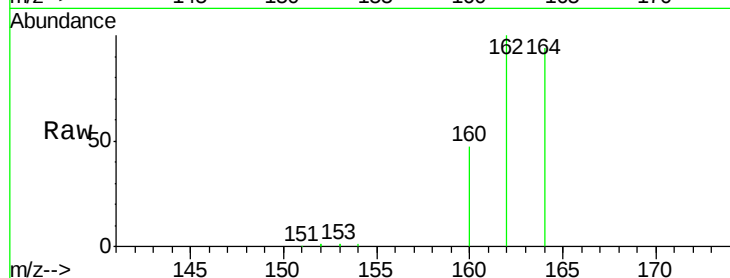
Tgt Ion:164 Resp: 28771

Ion Ratio Lower Upper

164 100

162 106.8 71.4 107.0

160 50.3 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 4.32 ng

RT: 16.32 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

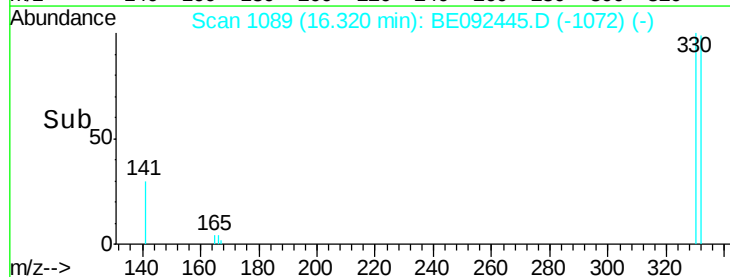
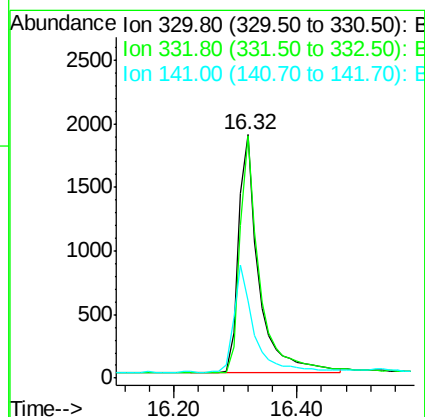
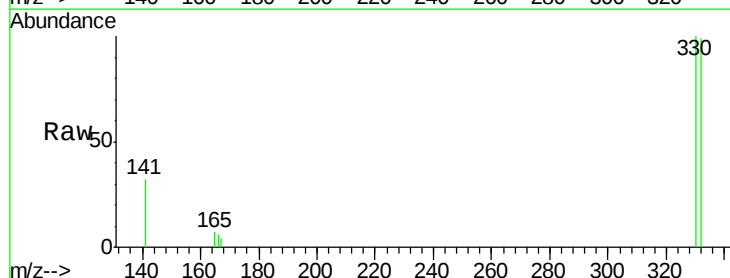
Tgt Ion:330 Resp: 4329

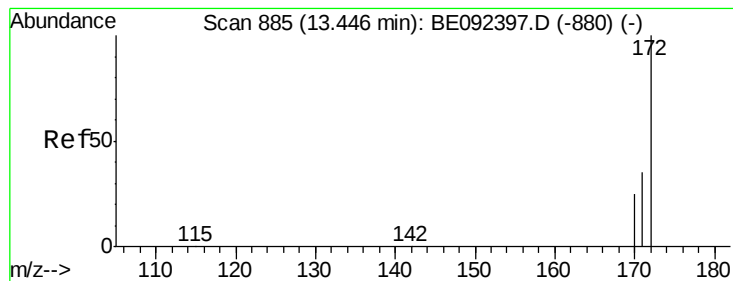
Ion Ratio Lower Upper

330 100

332 96.5 75.4 113.0

141 43.9 31.0 46.6





#14

2-Fluorobiphenyl

Concen: 3.53 ng

RT: 13.44 min Scan# 885

Delta R.T. -0.00 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

Instrument :

BNA_E

ClientSampled :

PB93840BL

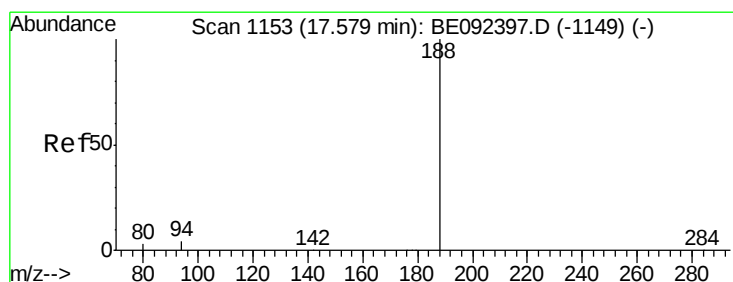
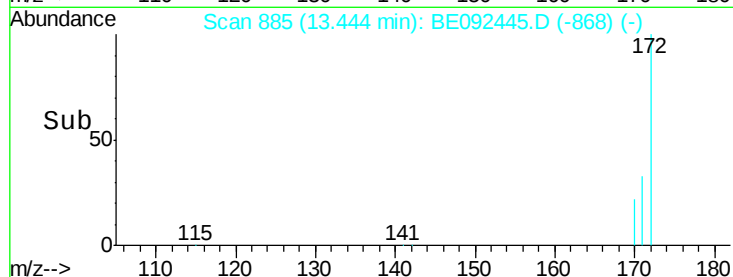
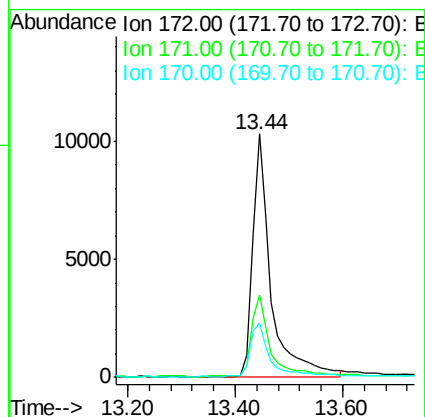
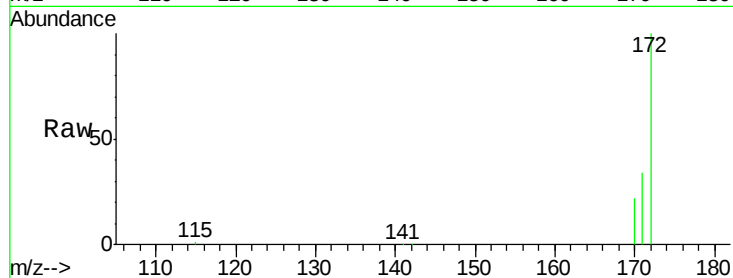
Tgt Ion:172 Resp: 24026

Ion Ratio Lower Upper

172 100

171 33.7 30.1 45.1

170 22.2 21.8 32.6



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

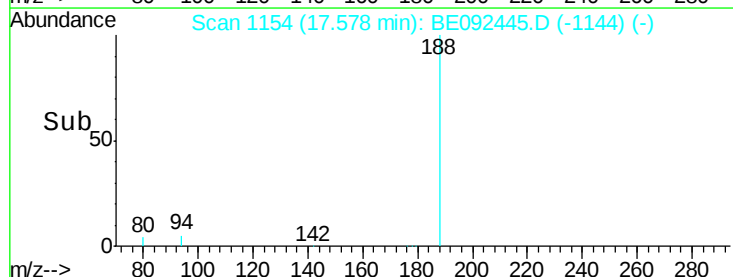
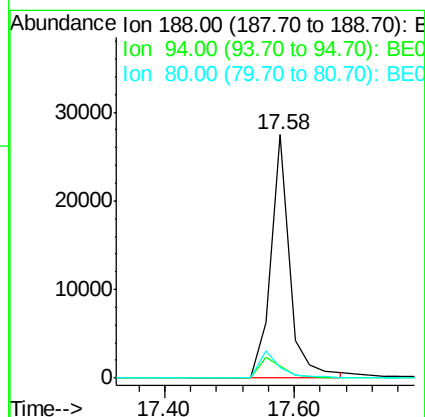
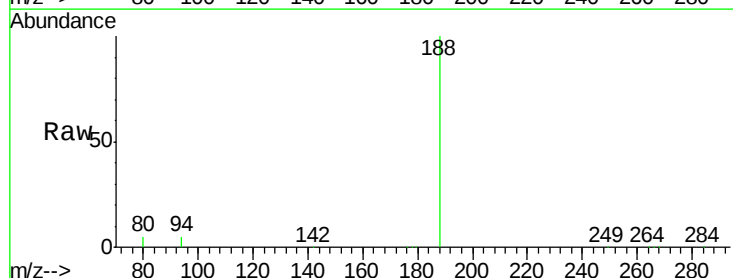
Tgt Ion:188 Resp: 56068

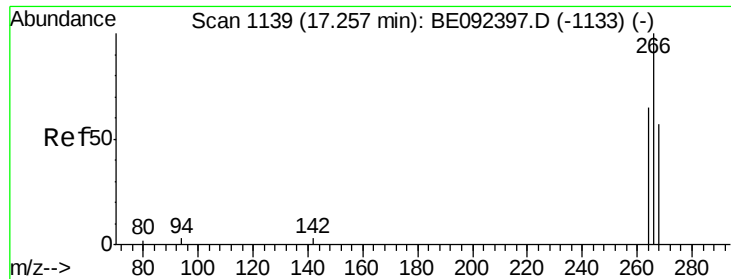
Ion Ratio Lower Upper

188 100

94 5.0 3.2 4.8#

80 4.6 2.6 3.8#





#20

Pentachlorophenol

Concen: 0.18 ng

RT: 17.23 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BE092445.D

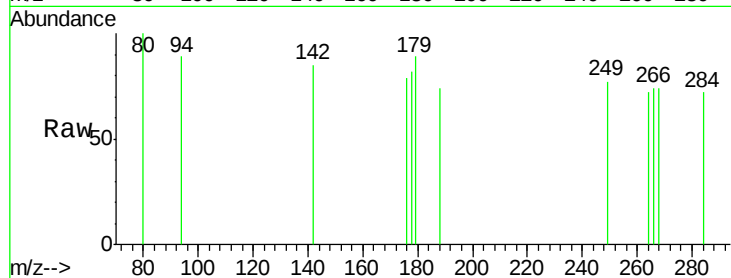
Acq: 7 Oct 2016 13:23

Instrument :

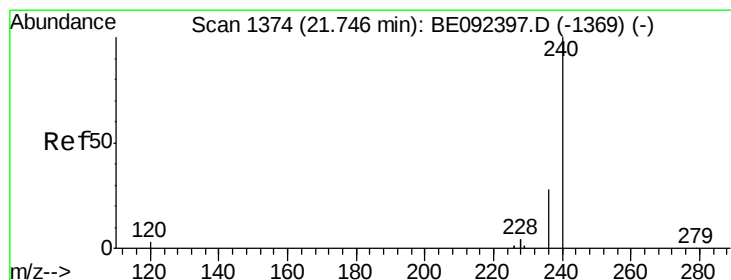
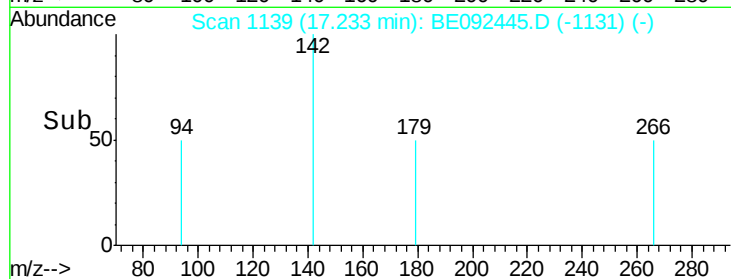
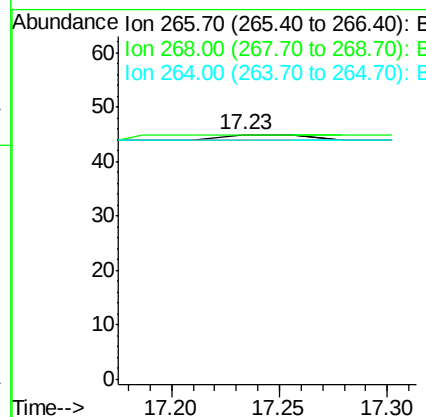
BNA_E

ClientSampleId :

PB93840BL



Tgt Ion:	266	Resp:	3
Ion	Ratio	Lower	Upper
266	100		
268	100.0	62.5	93.7#
264	97.8	57.2	85.8#



#24

Chrysene-d12

Concen: 5.00 ng

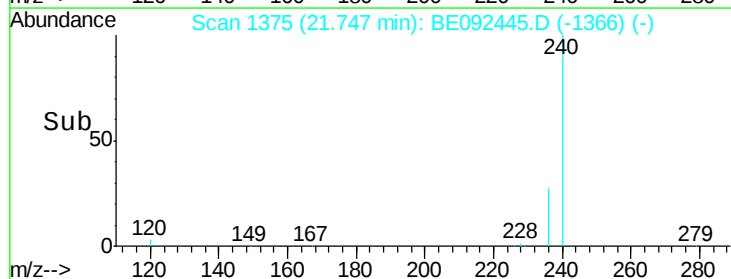
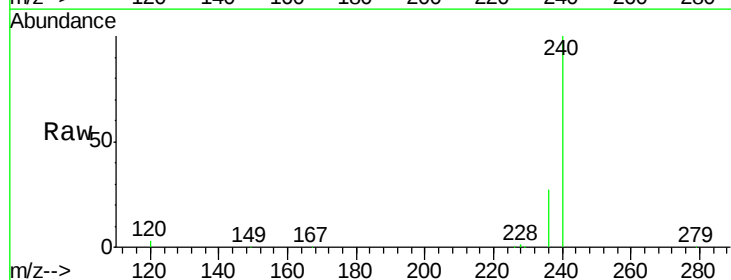
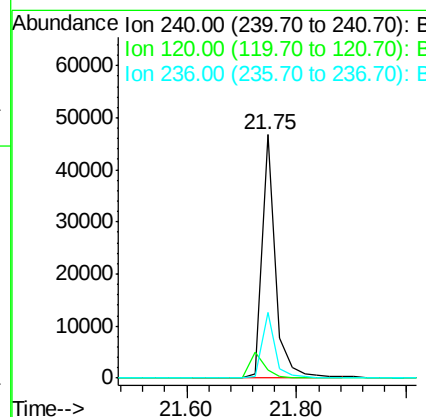
RT: 21.75 min Scan# 1375

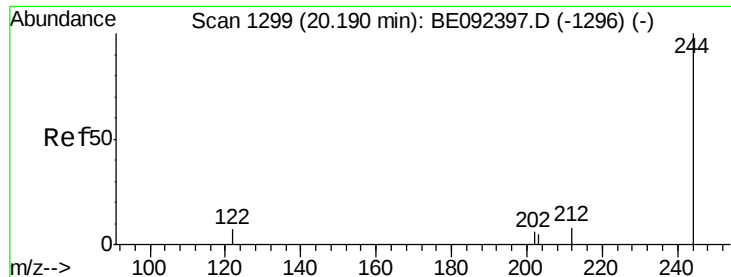
Delta R.T. 0.00 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

Tgt Ion:	240	Resp:	79888
Ion	Ratio	Lower	Upper
240	100		
120	3.2	2.6	4.0
236	27.1	24.6	37.0





#26

Terphenyl-d14

Concen: 3.36 ng

RT: 20.17 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

Instrument :

BNA_E

ClientSampleId :

PB93840BL

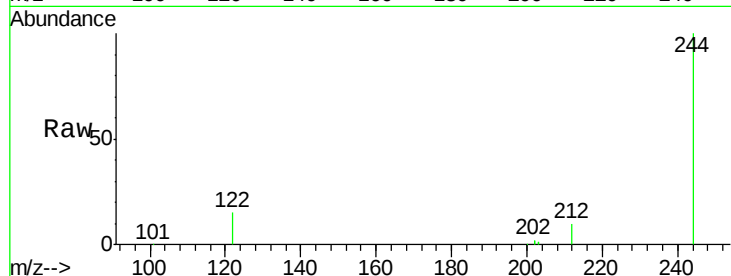
Tgt Ion:244 Resp: 33318

Ion Ratio Lower Upper

244 100

212 10.0 6.7 10.1

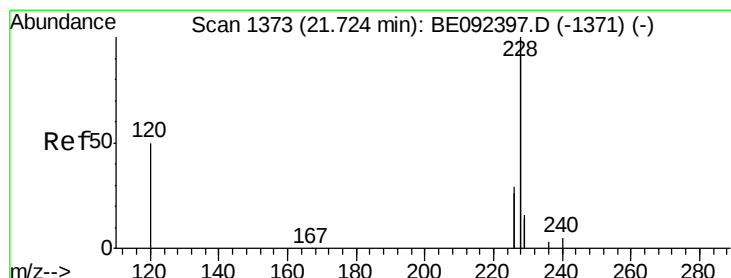
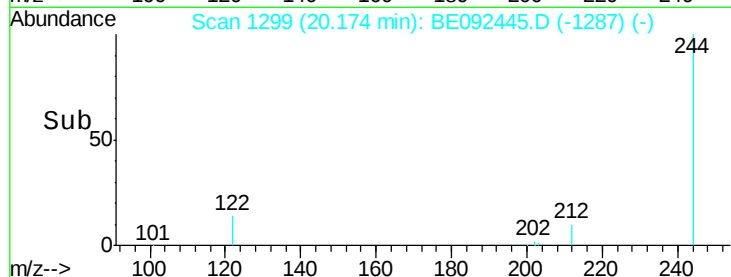
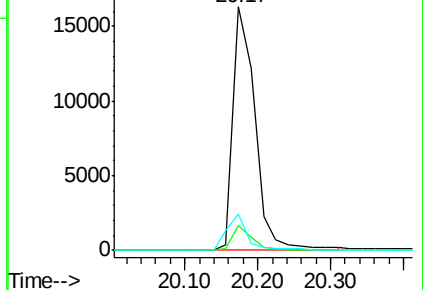
122 14.7 3.6 5.4#



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



#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

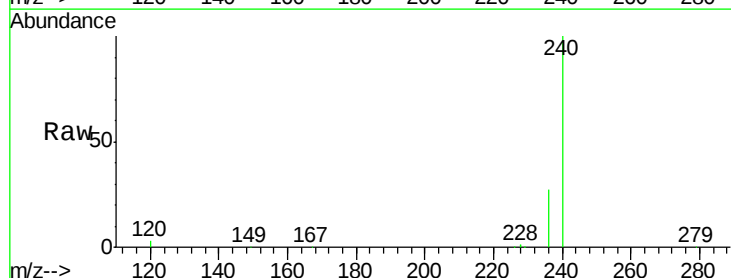
Tgt Ion:228 Resp: 1880

Ion Ratio Lower Upper

228 100

226 35.0 23.6 35.4

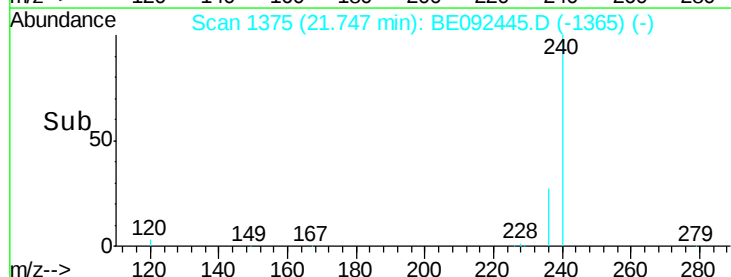
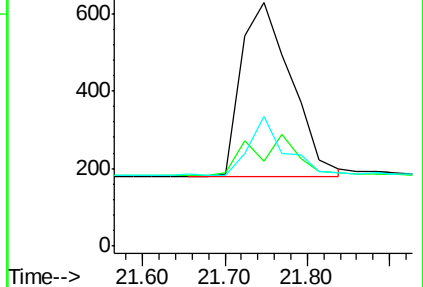
229 53.2 13.3 19.9#

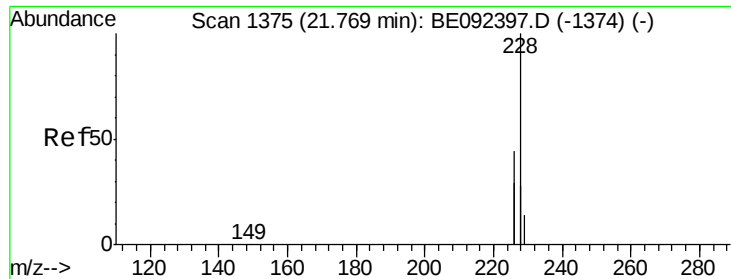


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#28

Chrysene

Concen: 0.03 ng

RT: 21.75 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

Instrument :

BNA_E

ClientSampleId :

PB93840BL

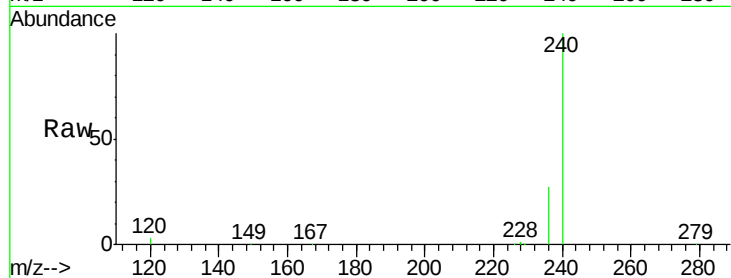
Tgt Ion:228 Resp: 1915

Ion Ratio Lower Upper

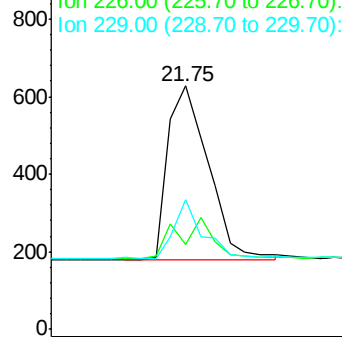
228 100

226 35.0 36.3 54.5#

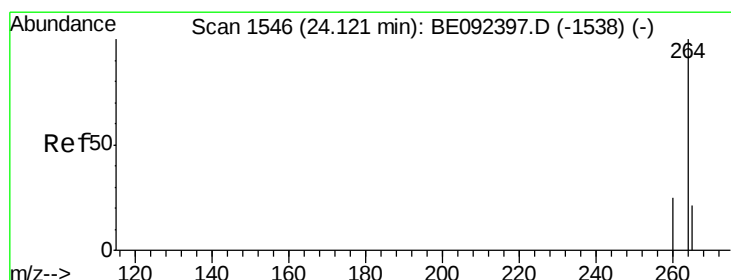
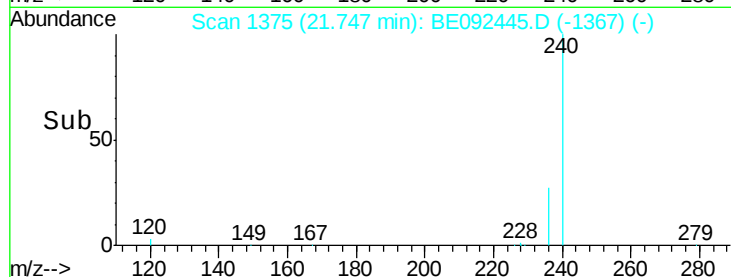
229 53.2 10.6 16.0#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.11 min Scan# 1546

Delta R.T. 0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

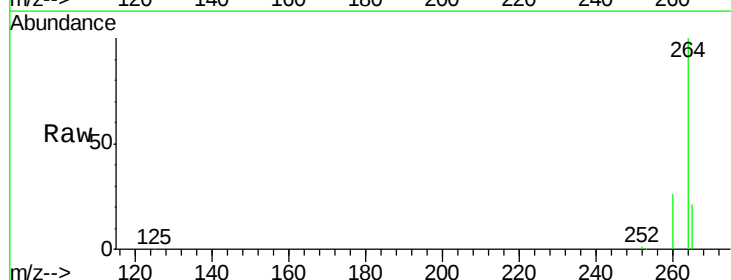
Tgt Ion:264 Resp: 72352

Ion Ratio Lower Upper

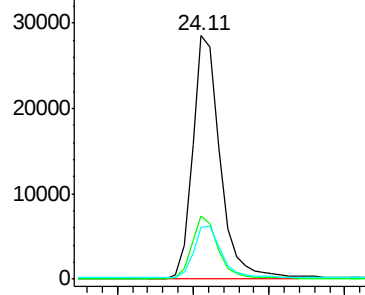
264 100

260 26.1 20.1 30.1

265 21.2 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->

