

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091616\
 Data File : BE092389.D
 Acq On : 16 Sep 2016 12:44
 Operator : UM/SJ
 Sample : H4795-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 T2TWP

Quant Time: Sep 16 13:19:37 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9646	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	44261	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	34380	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	72833	5.00	ng	0.02
24) Chrysene-d12	21.75	240	98004	5.00	ng	0.00
31) Perylene-d12	24.12	264	85935	5.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.67	112	8307	3.62	ng	-0.02
5) Phenol-d6	7.34	99	6792	2.22	ng	-0.02
8) Nitrobenzene-d5	9.34	82	12061	3.79	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	8982	8.43	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	32223	3.05	ng	-0.01
26) Terphenyl-d14	20.17	244	54616	3.77	ng	0.00

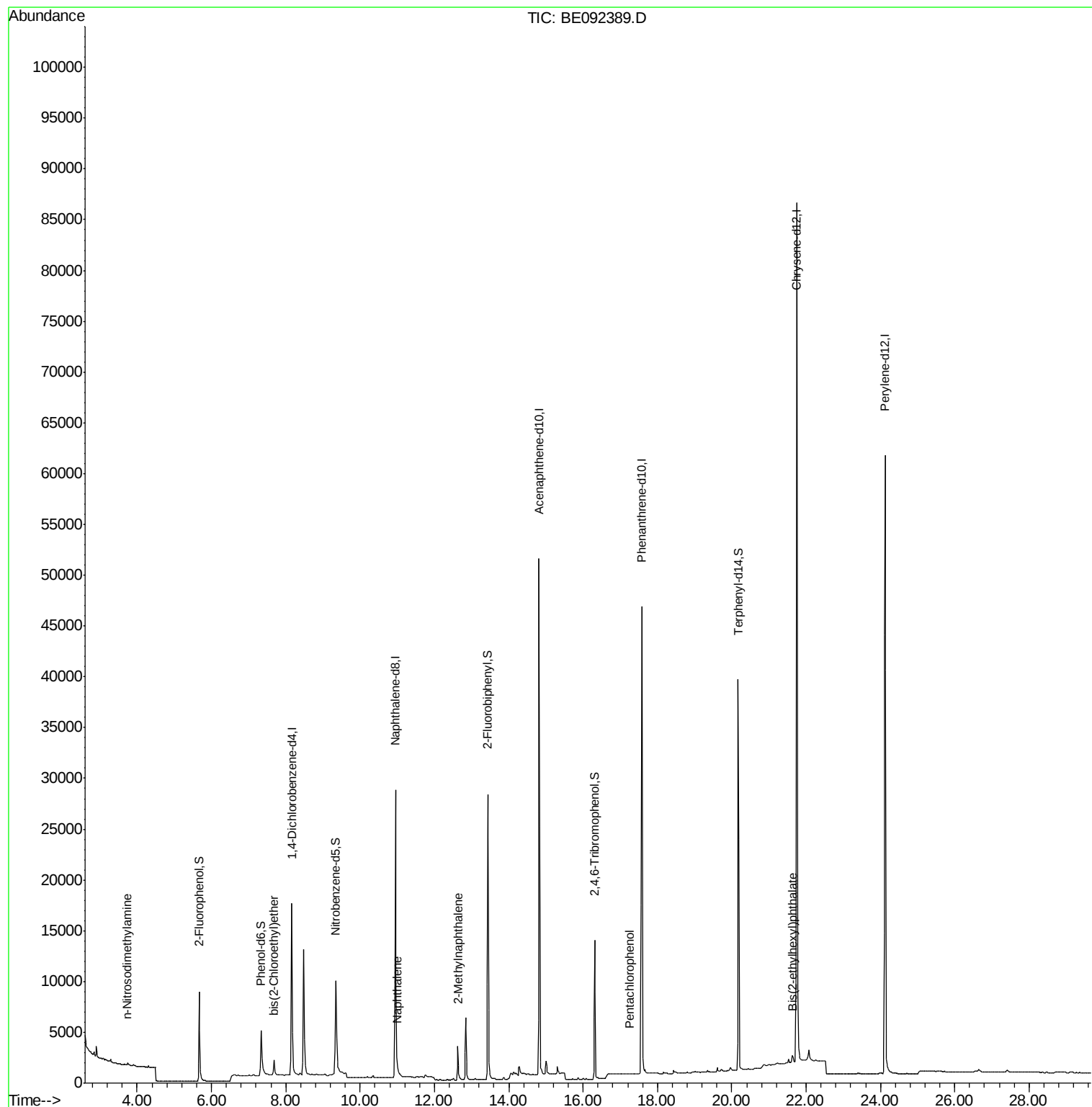
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	46	Below Cal	#	1
3) n-Nitrosodimethylamine	3.73	42	13	0.09 ng	#	1
6) bis(2-Chloroethyl)ether	7.68	93	18	0.08 ng	#	1
9) Naphthalene	11.01	128	332	0.03 ng	#	22
11) 2-Methylnaphthalene	12.64	142	3403	0.52 ng		90
20) Pentachlorophenol	17.26	266	43	0.12 ng	#	76
28) Chrysene	21.75	228	1951	Below Cal	#	59
29) Bis(2-ethylhexyl)phthalate	21.63	149	1251	0.15 ng	#	56

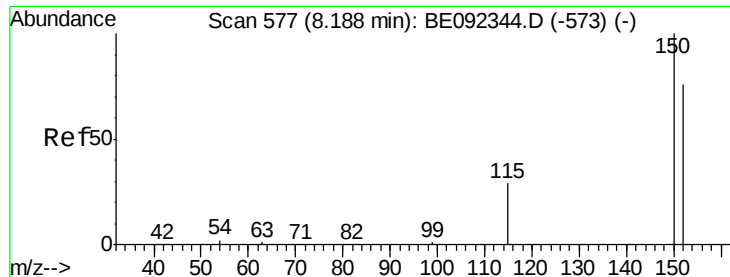
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

BNA_E

ClientSampleId :

T2TWP

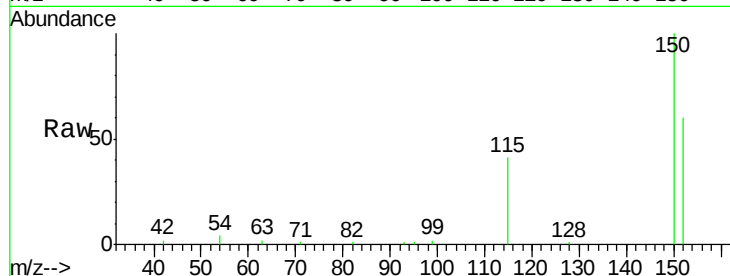
Tgt Ion:152 Resp: 9646

Ion Ratio Lower Upper

152 100

150 167.4 106.0 159.0#

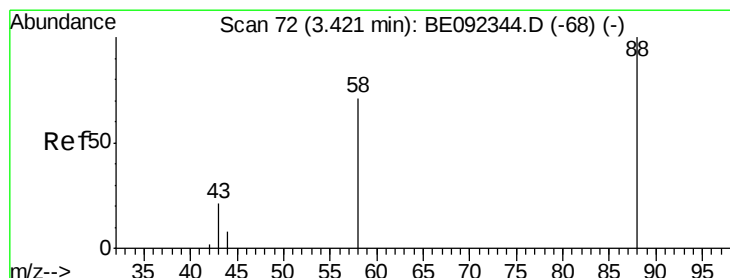
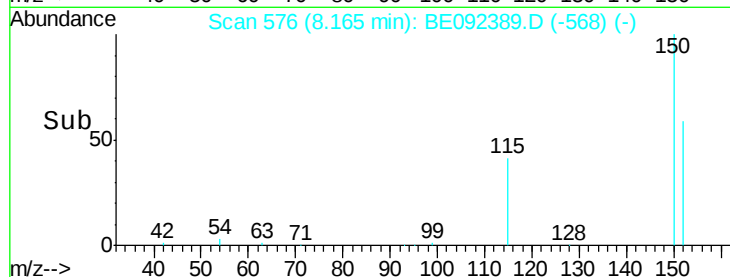
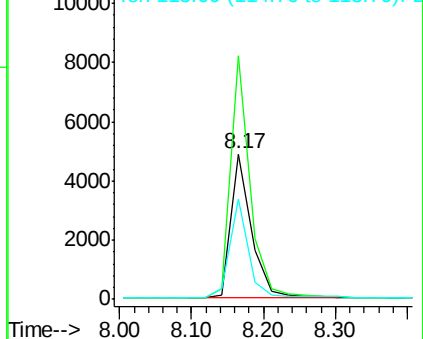
115 69.1 31.2 46.8#



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

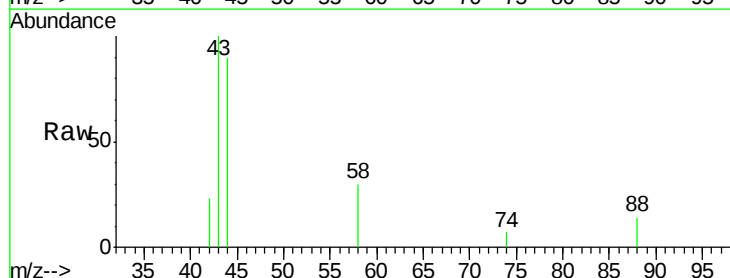
Tgt Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

58 237.0 63.6 95.4#

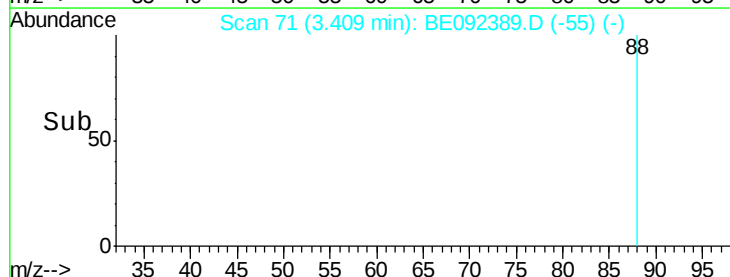
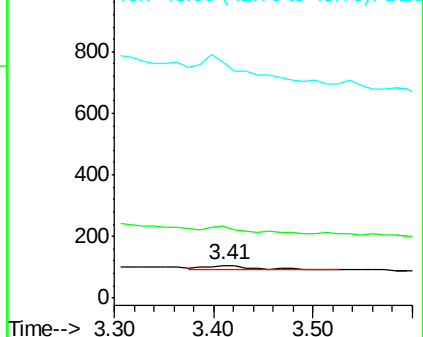
43 1028.3 28.0 42.0#

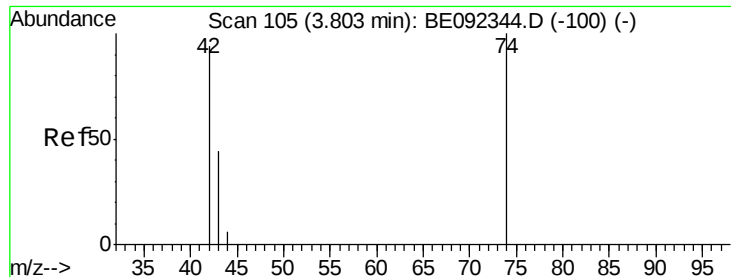


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.73 min Scan# 99

Delta R.T. -0.07 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

BNA_E

ClientSampleId :

T2TWP

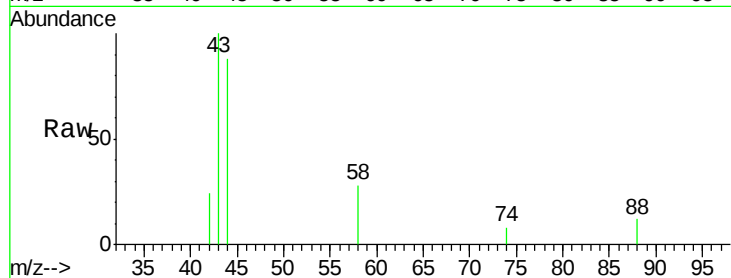
Tgt Ion: 42 Resp: 13

Ion Ratio Lower Upper

42 100

74 7.7 86.0 129.0#

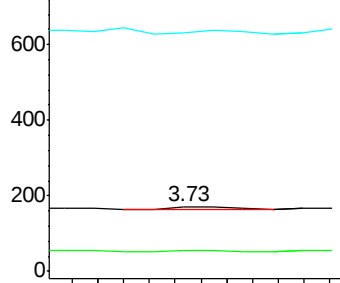
44 92.3 5.1 7.7#



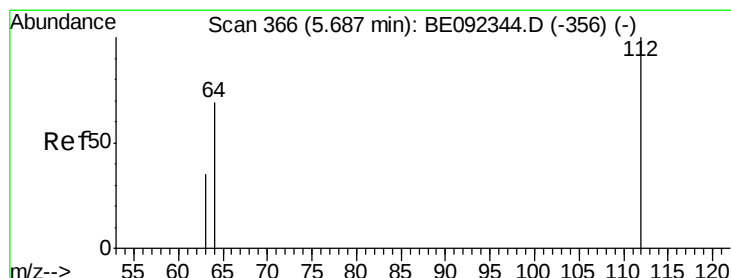
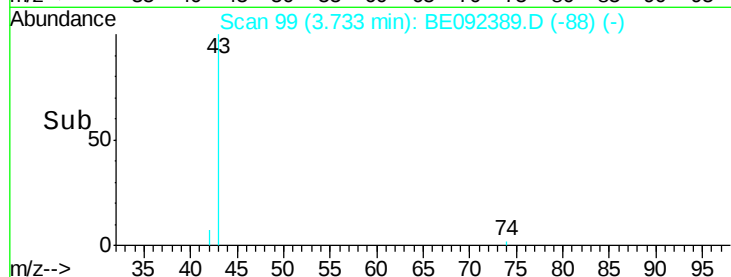
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 3.62 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

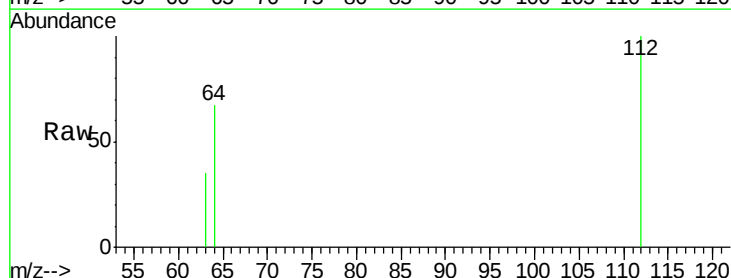
Tgt Ion: 112 Resp: 8307

Ion Ratio Lower Upper

112 100

64 67.1 53.5 80.3

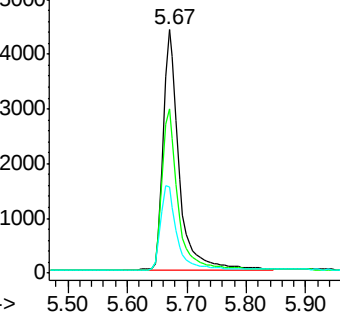
63 35.7 27.9 41.9



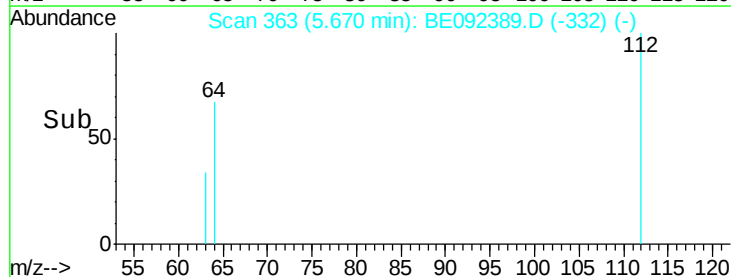
Abundance Ion 112.00 (111.70 to 112.70): E

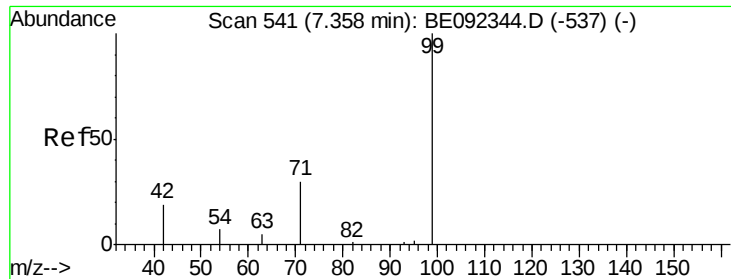
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 2.22 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

BNA_E

ClientSampleId :

T2TWP

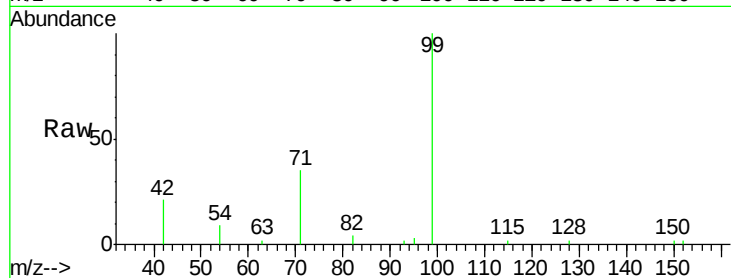
Tgt Ion: 99 Resp: 6792

Ion Ratio Lower Upper

99 100

42 22.8 16.0 24.0

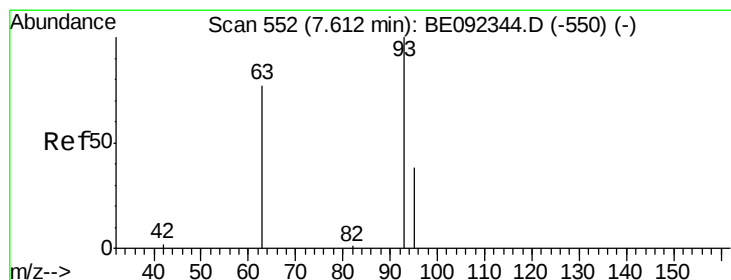
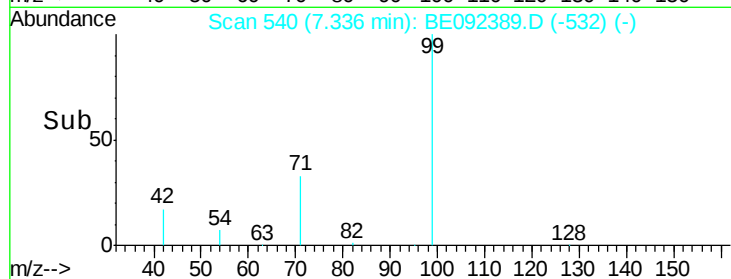
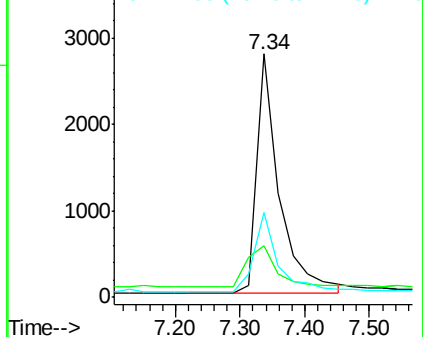
71 35.9 30.6 45.8



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: 0.08 ng

RT: 7.68 min Scan# 555

Delta R.T. 0.07 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

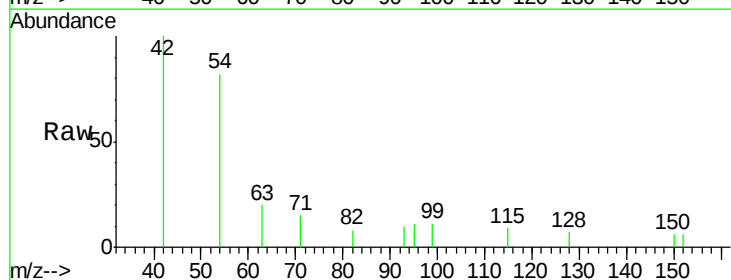
Tgt Ion: 93 Resp: 18

Ion Ratio Lower Upper

93 100

63 1027.8 71.6 107.4#

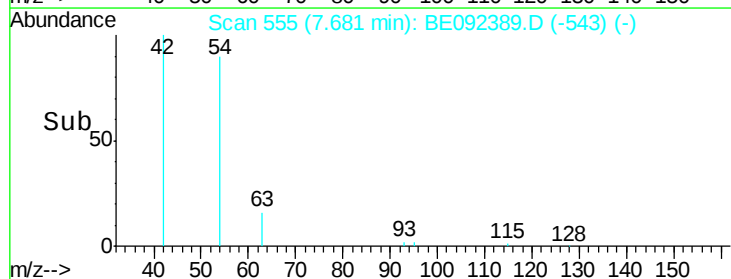
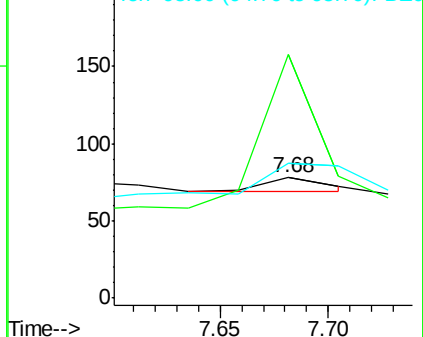
95 305.6 24.0 36.0#

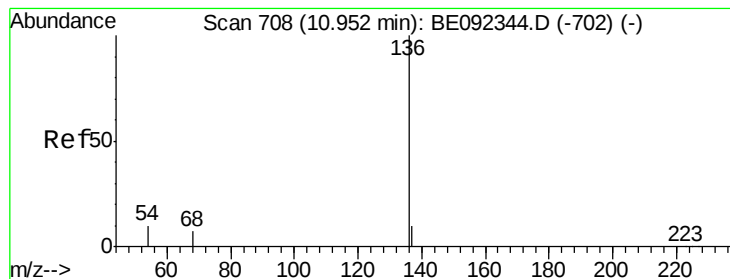


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

BNA_E

ClientSampleId :

T2TWP

Tgt Ion:136 Resp: 44261

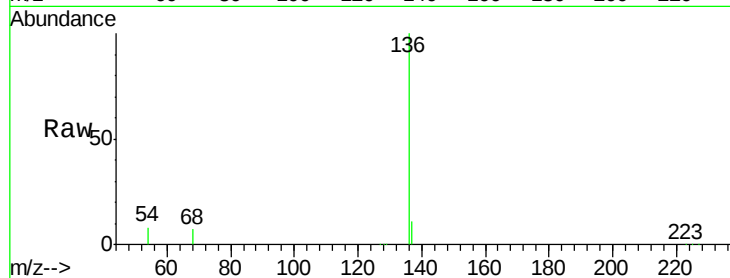
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 8.5 9.6 14.4#

68 6.7 6.7 10.1#

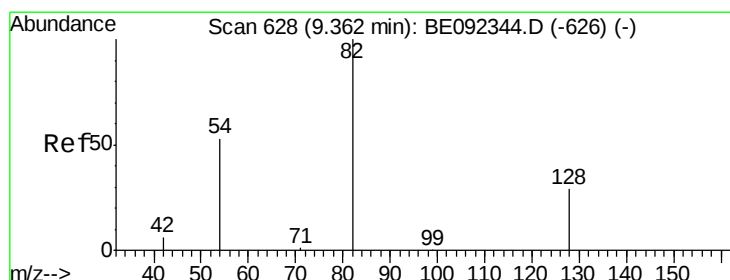
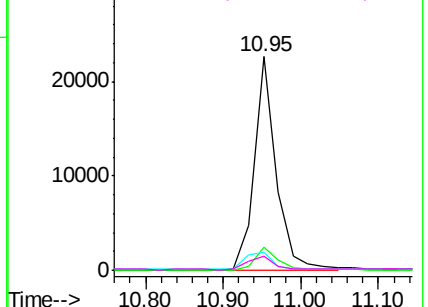
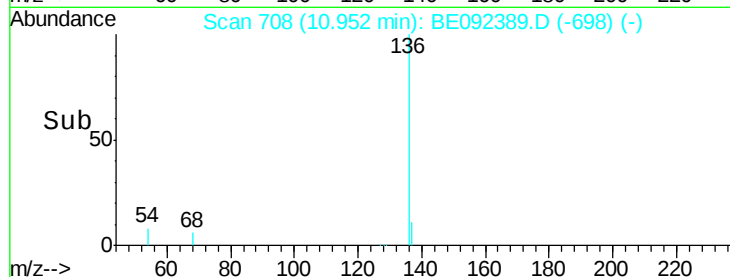


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.79 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

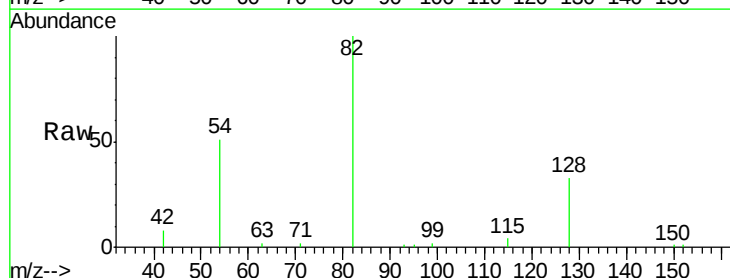
Tgt Ion: 82 Resp: 12061

Ion Ratio Lower Upper

82 100

128 33.2 39.0 58.4#

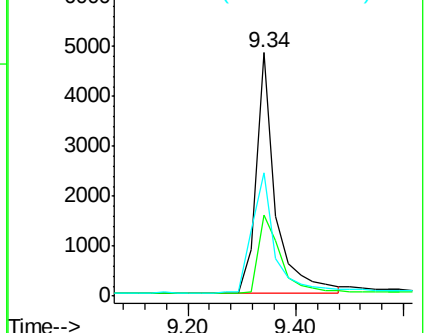
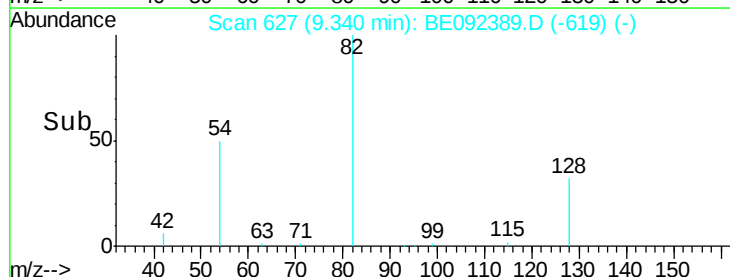
54 50.7 44.8 67.2

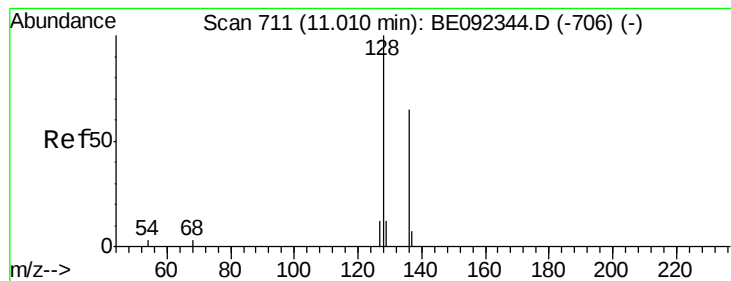


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.03 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

BNA_E

ClientSampleId :

T2TWP

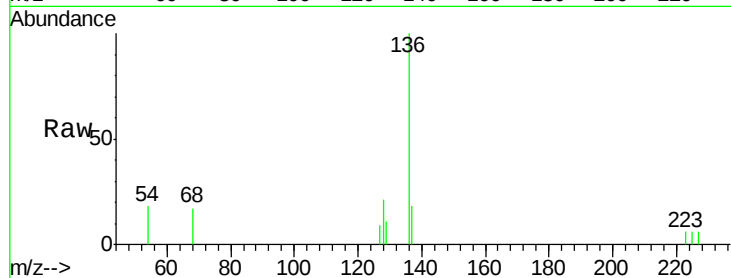
Tgt Ion:128 Resp: 332

Ion Ratio Lower Upper

128 100

129 51.6 11.2 16.8#

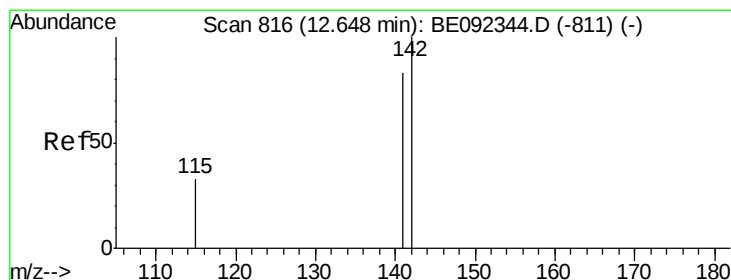
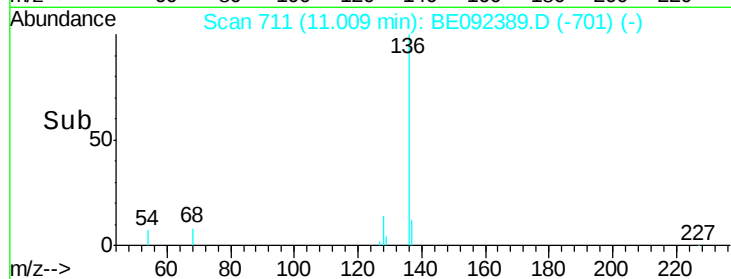
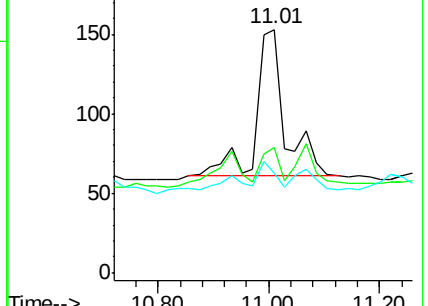
127 41.2 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene

Concen: 0.52 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.01 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

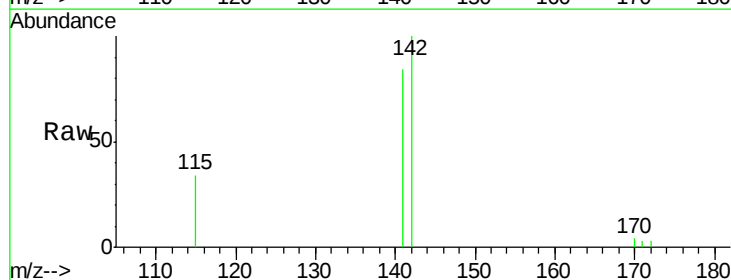
Tgt Ion:142 Resp: 3403

Ion Ratio Lower Upper

142 100

141 84.1 73.7 110.5

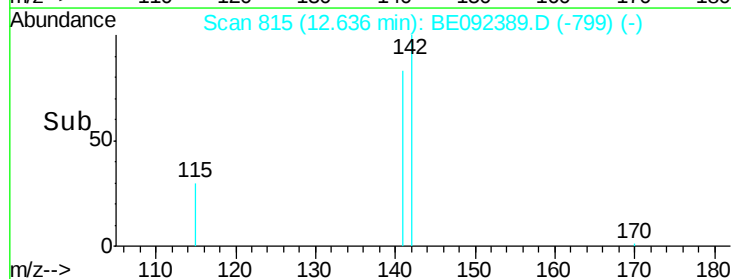
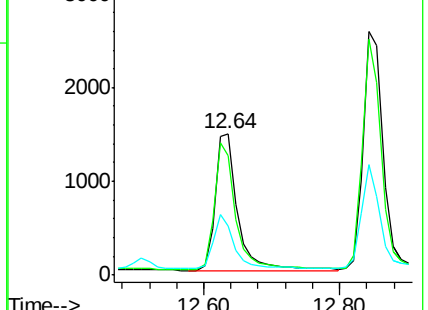
115 34.4 34.0 51.0

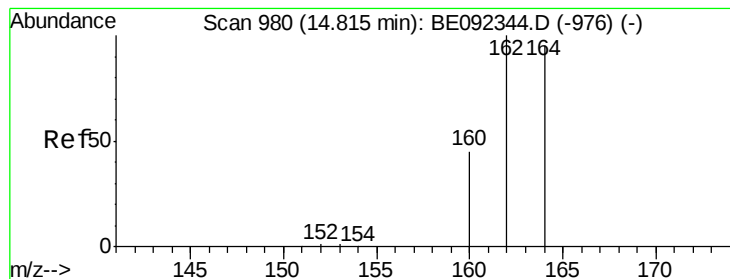


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

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ClientSampleId :

T2TWP

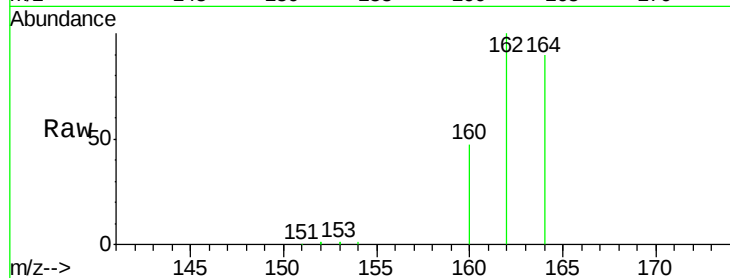
Tgt Ion:164 Resp: 34380

Ion Ratio Lower Upper

164 100

162 111.4 71.4 107.0#

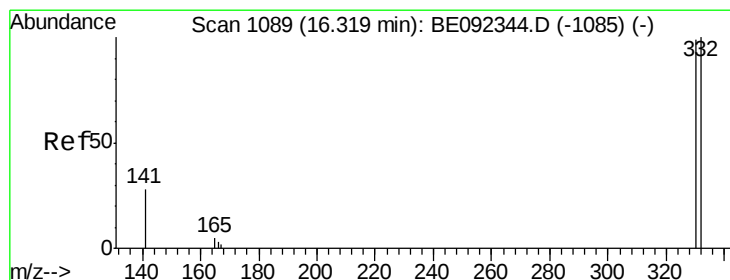
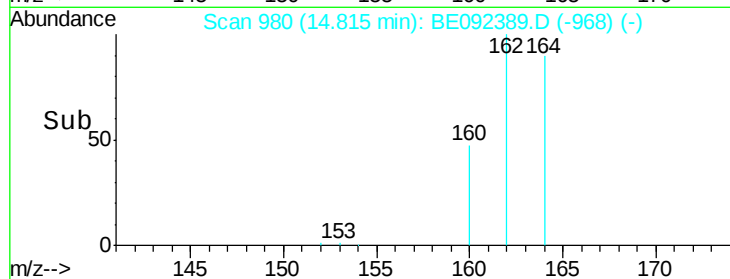
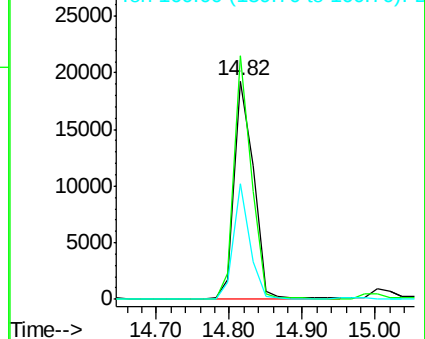
160 52.7 27.4 41.2#



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: 8.43 ng

RT: 16.31 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

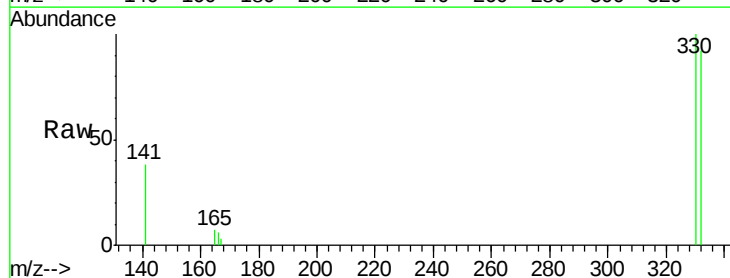
Tgt Ion:330 Resp: 8982

Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.0

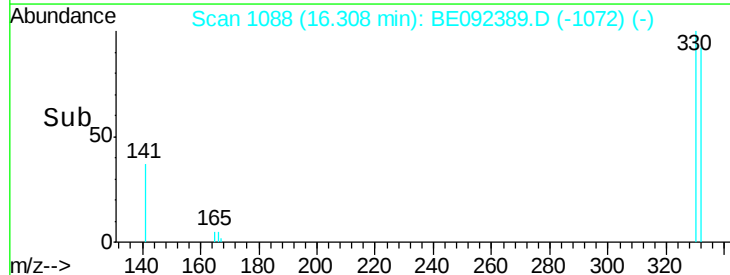
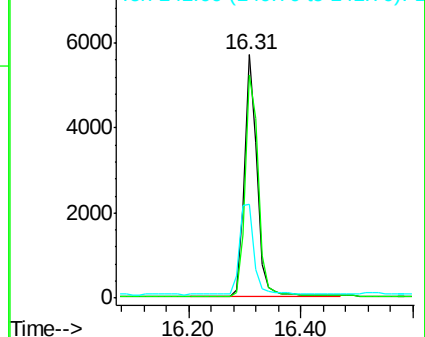
141 44.5 31.0 46.6

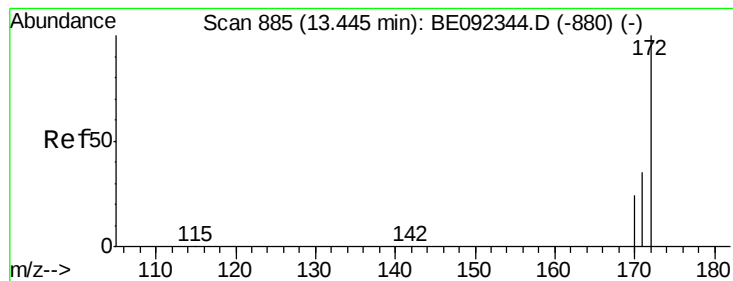


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 3.05 ng

RT: 13.43 min Scan# 884

Delta R.T. -0.01 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

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ClientSampleId :

T2TWP

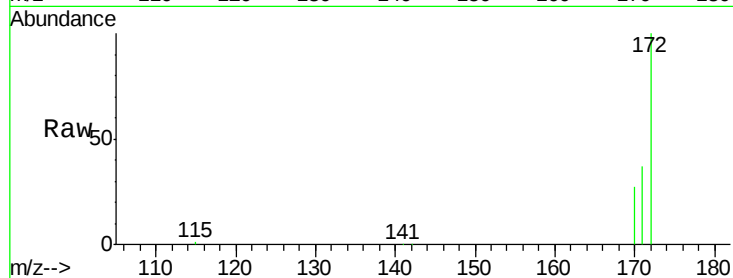
Tgt Ion:172 Resp: 32223

Ion Ratio Lower Upper

172 100

171 36.7 30.1 45.1

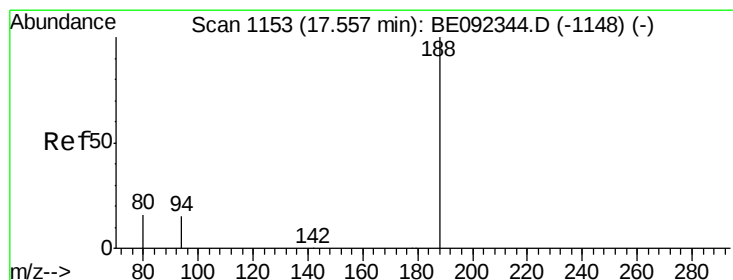
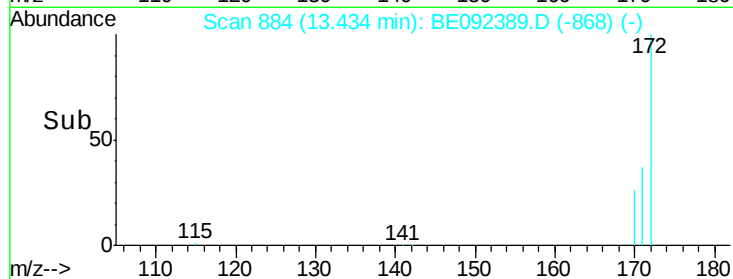
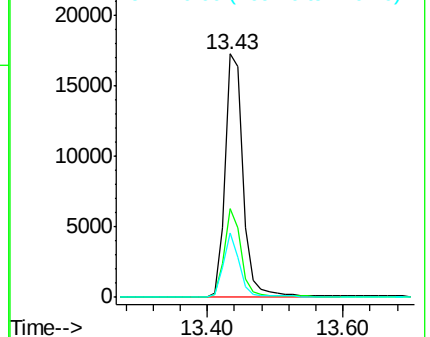
170 26.6 21.8 32.6



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: BE092389.D

Acq: 16 Sep 2016 12:44

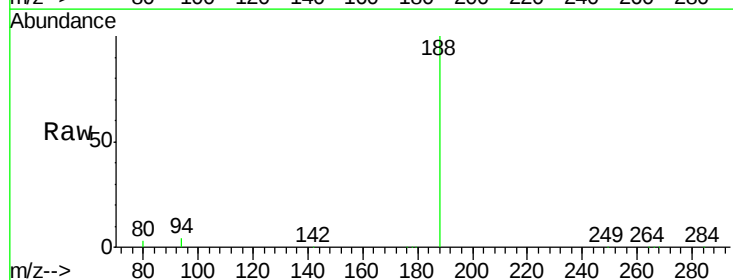
Tgt Ion:188 Resp: 72833

Ion Ratio Lower Upper

188 100

94 3.8 3.2 4.8

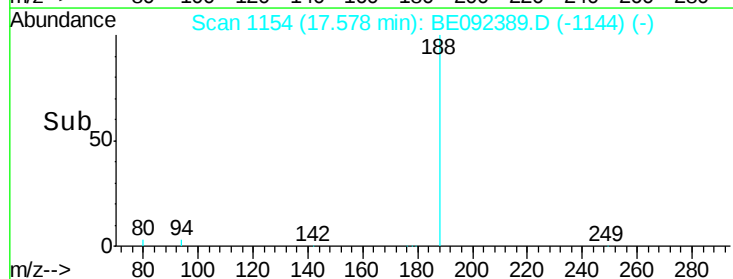
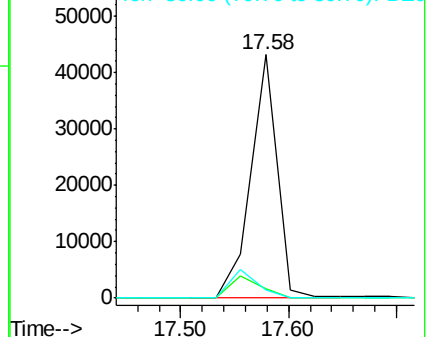
80 3.1 2.6 3.8

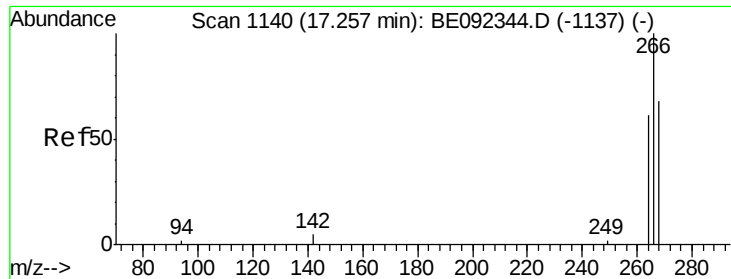


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

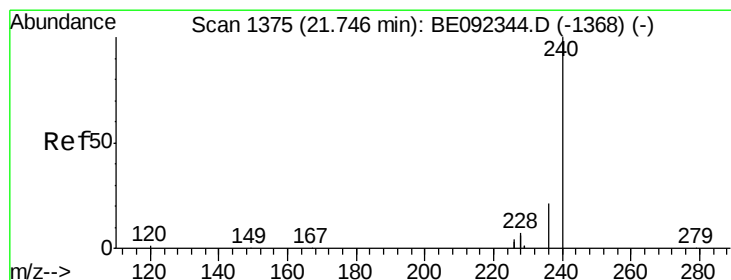
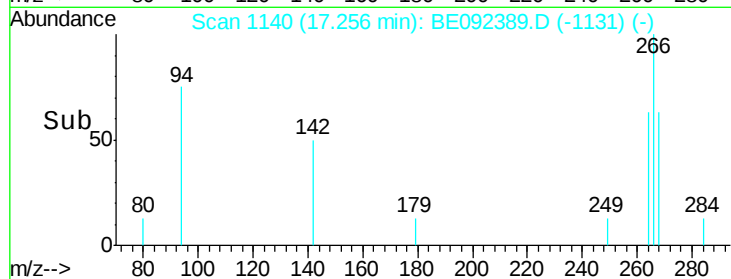
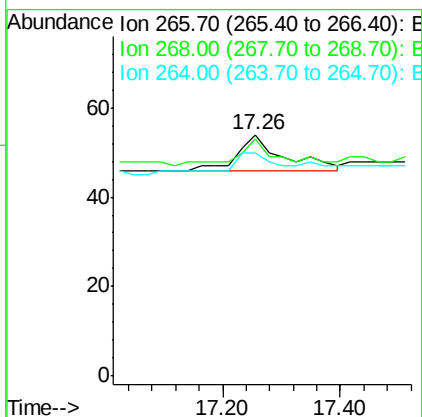
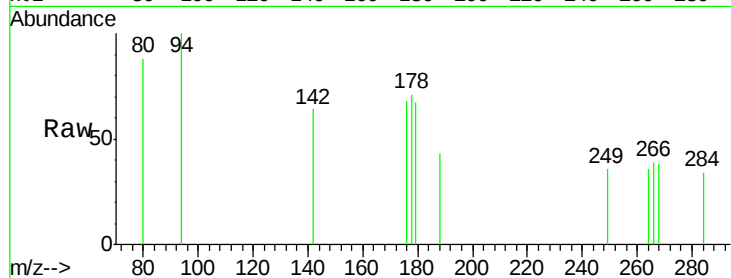




#20
 Pentachlorophenol
 Concen: 0.12 ng
 RT: 17.26 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BE092389.D
 Acq: 16 Sep 2016 12:44

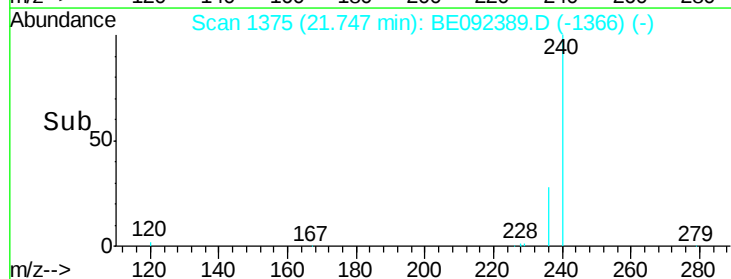
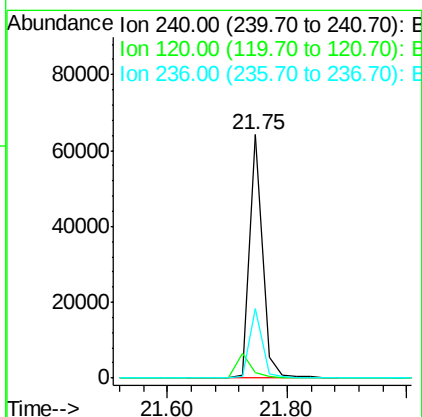
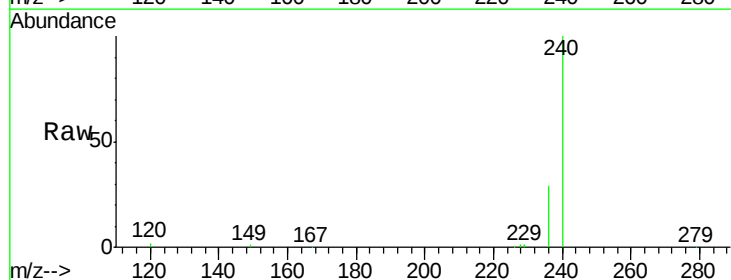
Instrument :
 BNA_E
 ClientSampleId :
 T2TWP

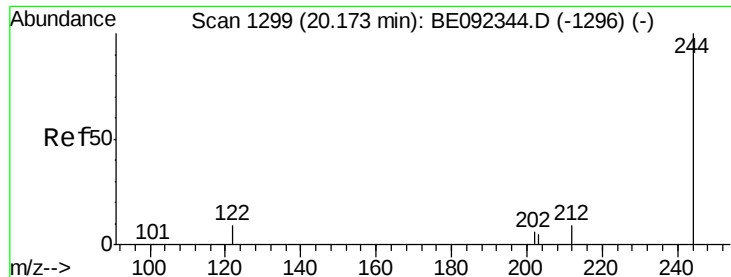
Tgt Ion: 266 Resp: 43
 Ion Ratio Lower Upper
 266 100
 268 98.1 62.5 93.7#
 264 92.6 57.2 85.8#



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.75 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BE092389.D
 Acq: 16 Sep 2016 12:44

Tgt Ion: 240 Resp: 98004
 Ion Ratio Lower Upper
 240 100
 120 2.4 2.6 4.0#
 236 28.6 24.6 37.0





#26

Terphenyl-d14

Concen: 3.77 ng

RT: 20.17 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

BNA_E

ClientSampleId :

T2TWP

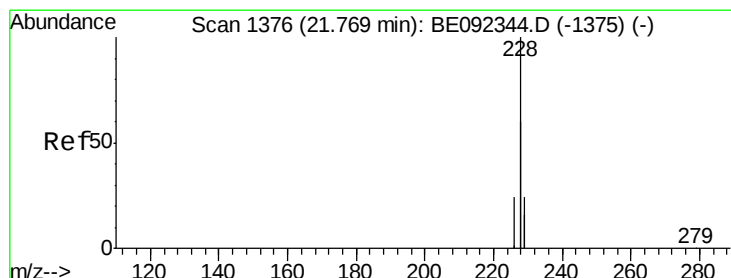
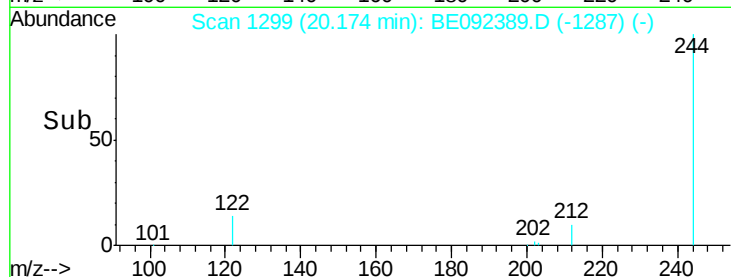
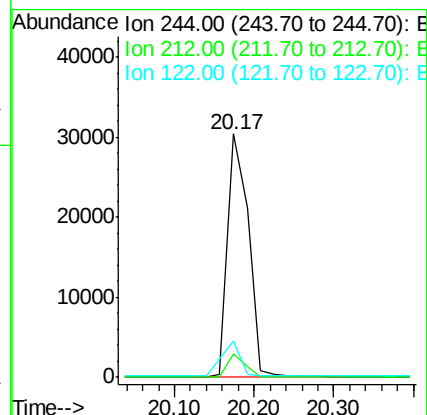
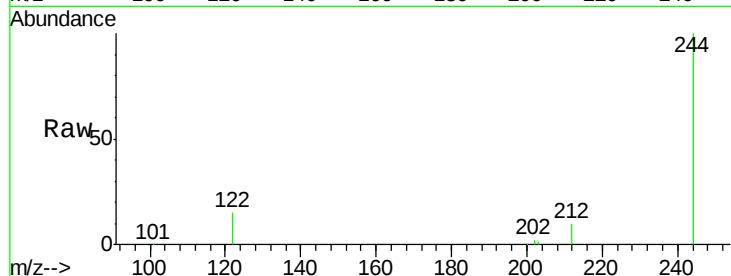
Tgt Ion:244 Resp: 54616

Ion Ratio Lower Upper

244 100

212 9.9 6.7 10.1

122 14.8 3.6 5.4#



#28

Chrysene

Concen: Below Cal

RT: 21.75 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

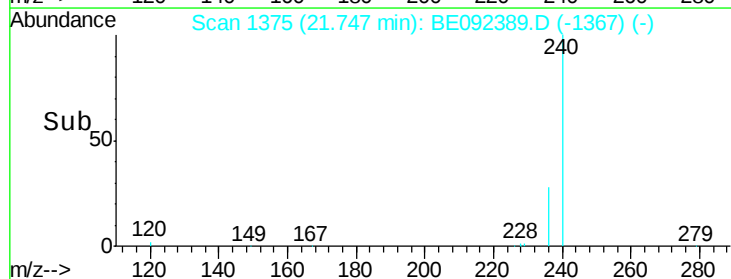
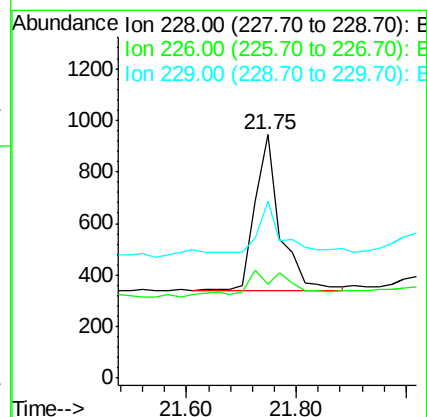
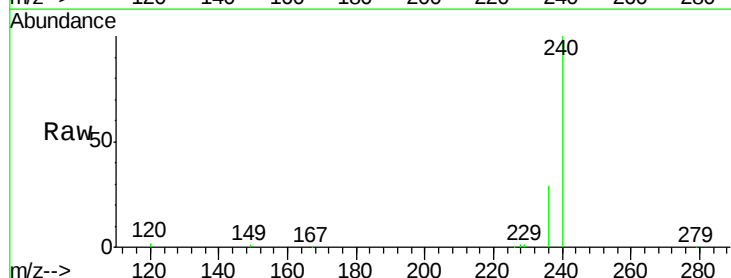
Tgt Ion:228 Resp: 1951

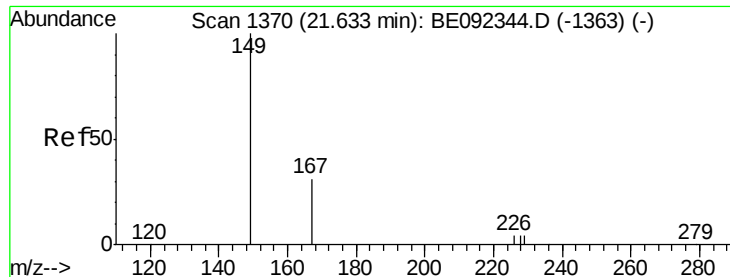
Ion Ratio Lower Upper

228 100

226 38.8 36.3 54.5

229 72.7 10.6 16.0#

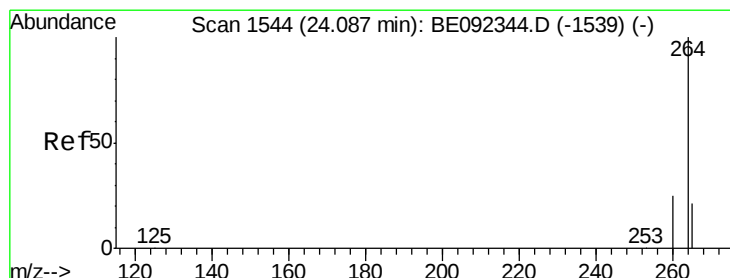
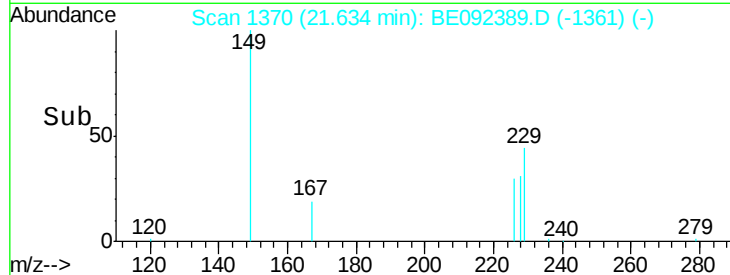
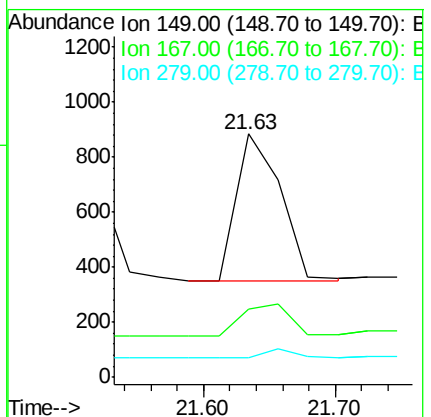
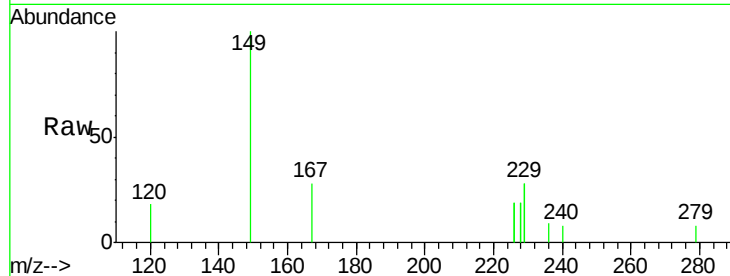




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092389.D
 Acq: 16 Sep 2016 12:44

Instrument :
 BNA_E
 ClientSampled :
 T2TWP

Tgt Ion: 149 Resp: 1251
 Ion Ratio Lower Upper
 149 100
 167 0.0 16.0 24.0#
 279 0.0 16.0 24.0#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. 0.04 min
 Lab File: BE092389.D
 Acq: 16 Sep 2016 12:44

Tgt Ion: 264 Resp: 85935
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 22.7 17.9 26.9

