

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091616\
 Data File : BE092390.D
 Acq On : 16 Sep 2016 13:20
 Operator : UM/SJ
 Sample : H4795-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 T1TWP

Quant Time: Sep 16 13:53:08 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

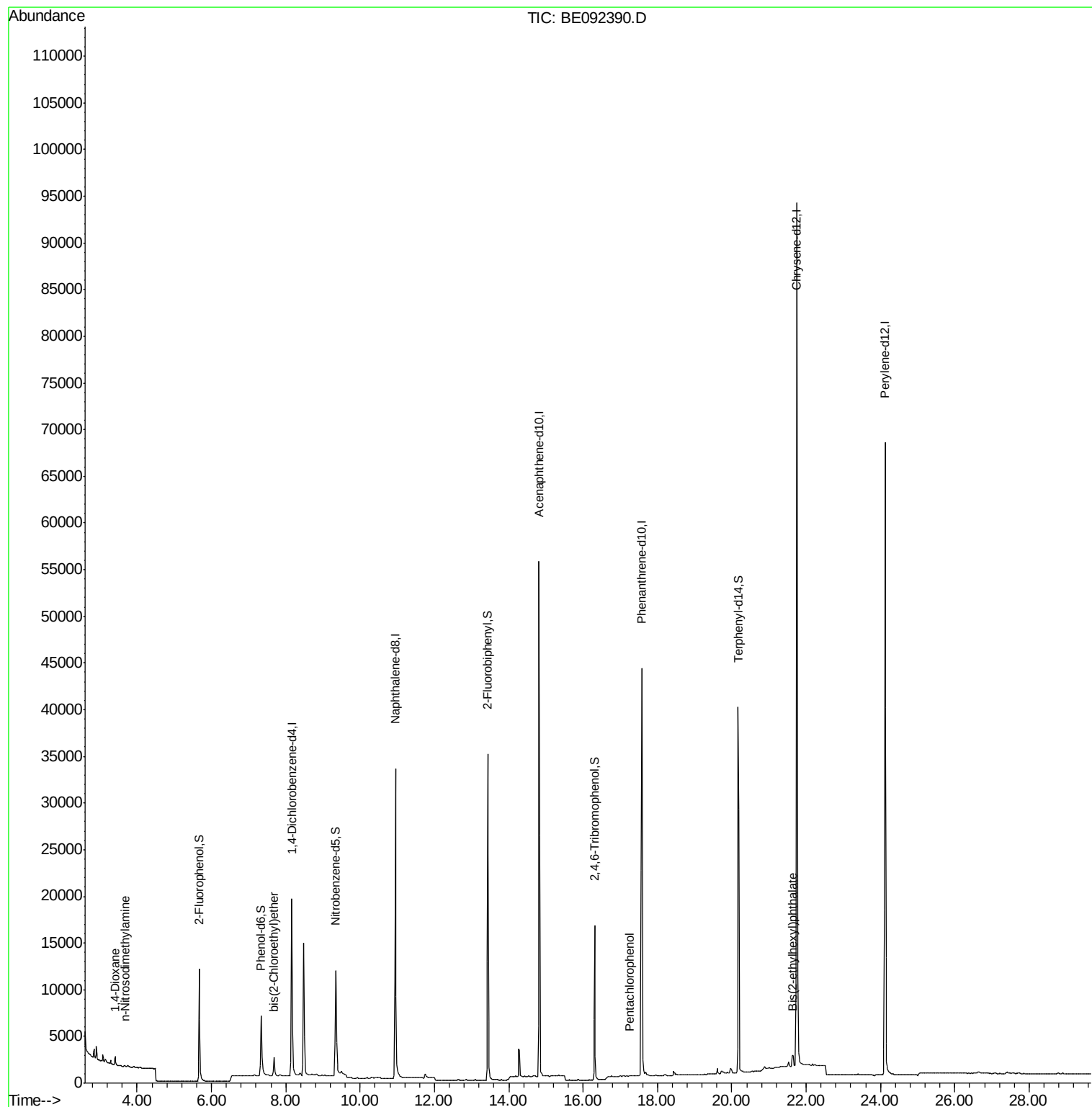
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10822	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	49774	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	36721	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	76326	5.00	ng	0.02
24) Chrysene-d12	21.75	240	108495	5.00	ng	0.00
31) Perylene-d12	24.12	264	94004	5.00	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	10757	4.18	ng	-0.02
5) Phenol-d6	7.33	99	9081	2.64	ng	-0.02
8) Nitrobenzene-d5	9.34	82	13980	3.91	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	10695	9.40	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	36535	3.24	ng	-0.01
26) Terphenyl-d14	20.17	244	59475	3.71	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.41	88	626	0.38	ng	# 70
3) n-Nitrosodimethylamine	3.68	42	58	0.11	ng	# 2
6) bis(2-Chloroethyl)ether	7.68	93	25	0.08	ng	# 1
20) Pentachlorophenol	17.26	266	11	0.07	ng	# 72
28) Chrysene	21.75	228	1959	Below Cal		# 63
29) Bis(2-ethylhexyl)phthalate	21.63	149	2523	0.20	ng	# 56

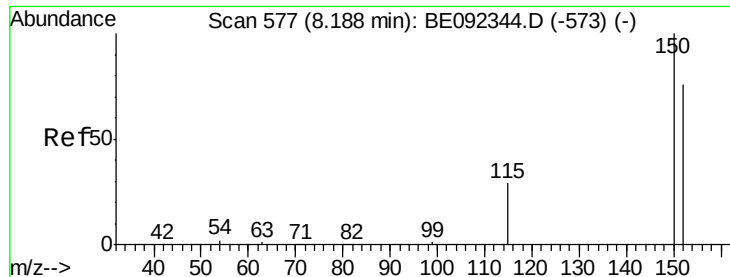
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091616\
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Quant Time: Sep 16 13:53:08 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

Instrument :

BNA_E

ClientSampleId :

T1TWP

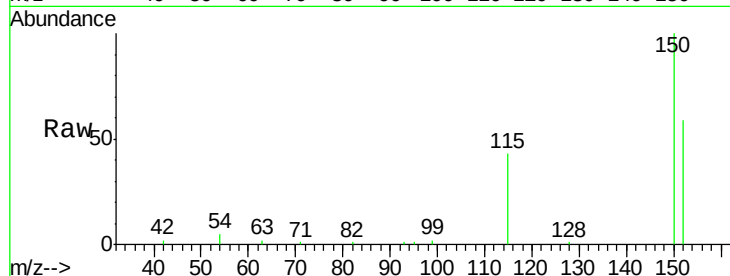
Tgt Ion: 152 Resp: 10822

Ion Ratio Lower Upper

152 100

150 169.3 106.0 159.0#

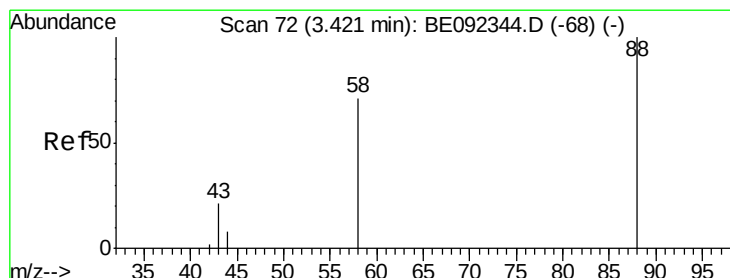
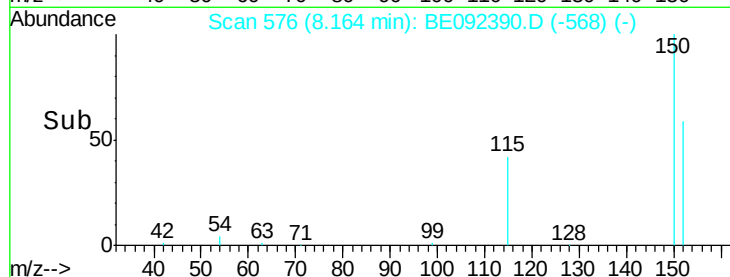
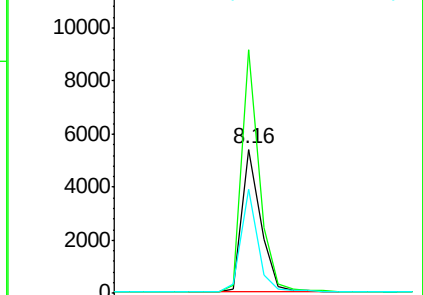
115 72.4 31.2 46.8#



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: 0.38 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

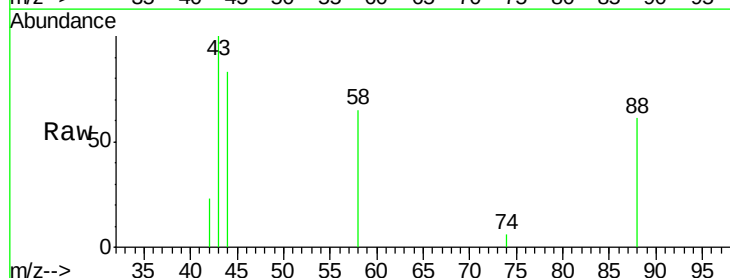
Tgt Ion: 88 Resp: 626

Ion Ratio Lower Upper

88 100

58 95.2 63.6 95.4

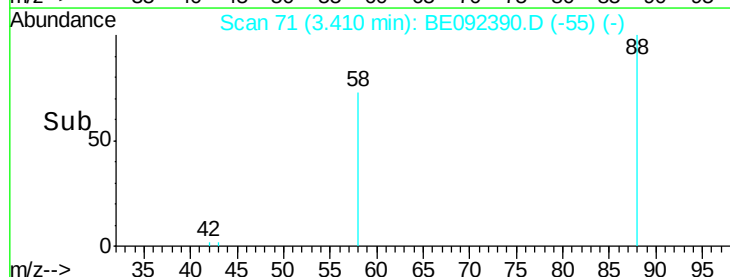
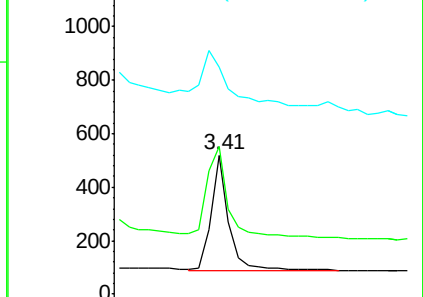
43 69.3 28.0 42.0#

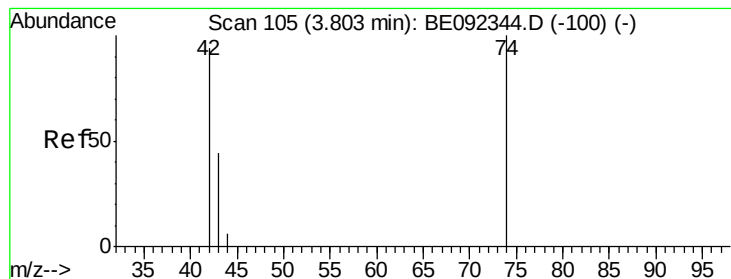


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.11 ng

RT: 3.68 min Scan# 94

Delta R.T. -0.13 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

Instrument :

BNA_E

ClientSampleId :

T1TWP

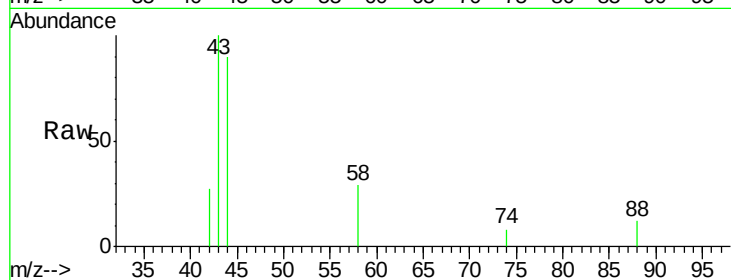
Tgt Ion: 42 Resp: 58

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

800

600

400

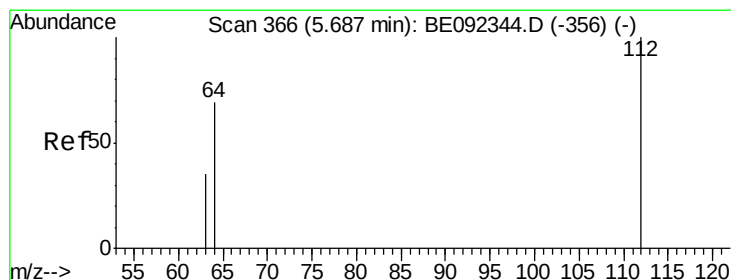
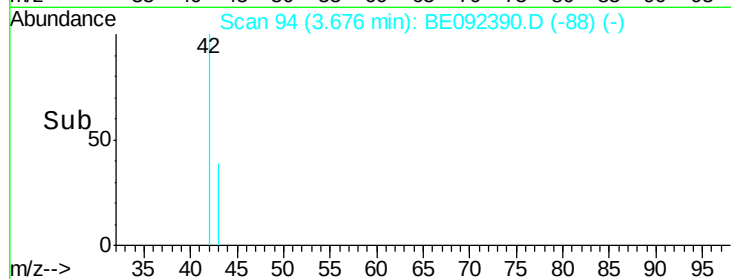
200

0

3.68

3.60 3.65 3.70

Time-->



#4

2-Fluorophenol

Concen: 4.18 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

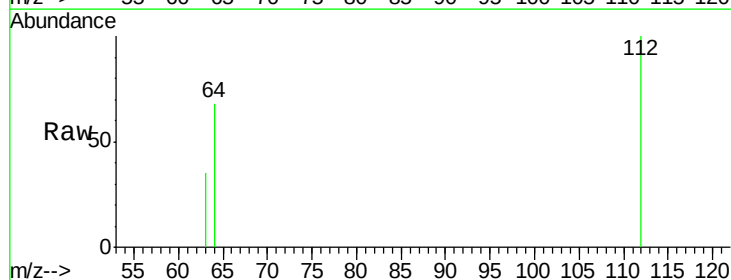
Tgt Ion: 112 Resp: 10757

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

8000

6000

4000

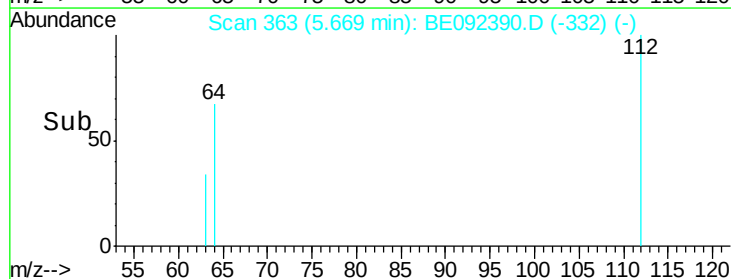
2000

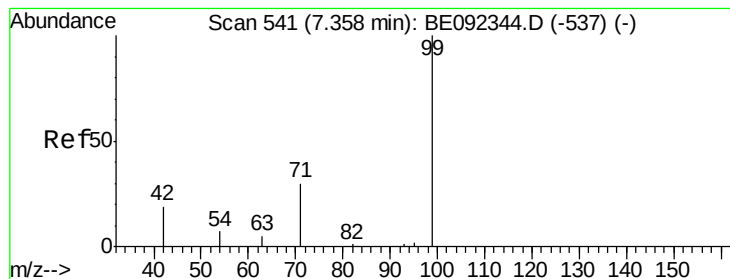
0

5.67

5.50 5.60 5.70 5.80 5.90

Time-->





#5

Phenol-d6

Concen: 2.64 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

Instrument :

BNA_E

ClientSampled :

T1TWP

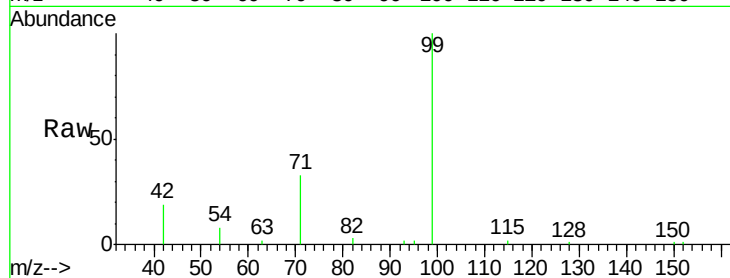
Tgt Ion: 99 Resp: 9081

Ion Ratio Lower Upper

99 100

42 21.1 16.0 24.0

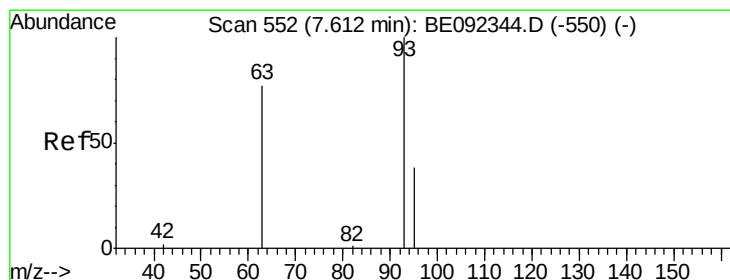
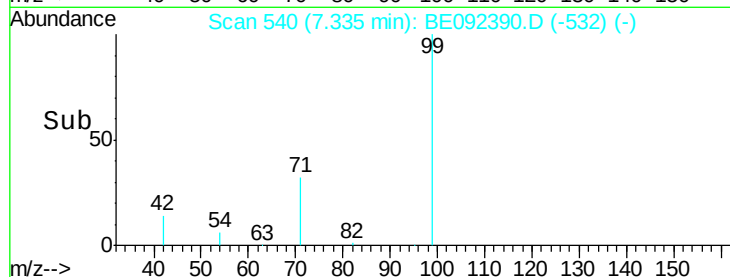
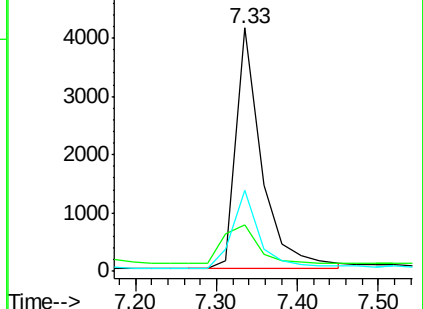
71 33.8 30.6 45.8



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: BE092390.D

Acq: 16 Sep 2016 13:20

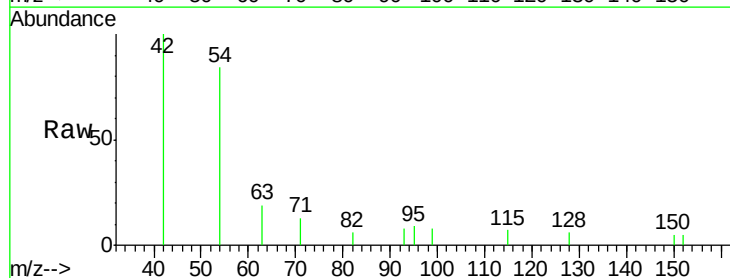
Tgt Ion: 93 Resp: 25

Ion Ratio Lower Upper

93 100

63 988.0 71.6 107.4#

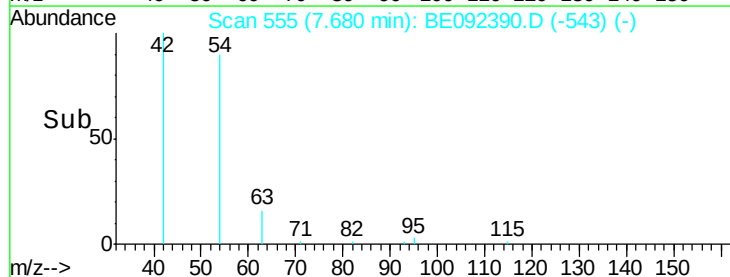
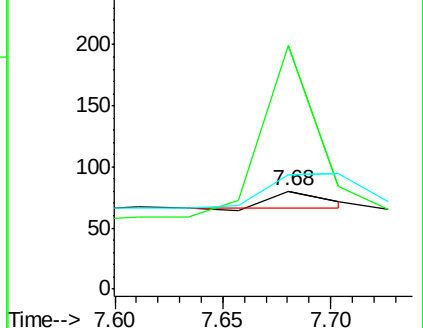
95 0.0 24.0 36.0#

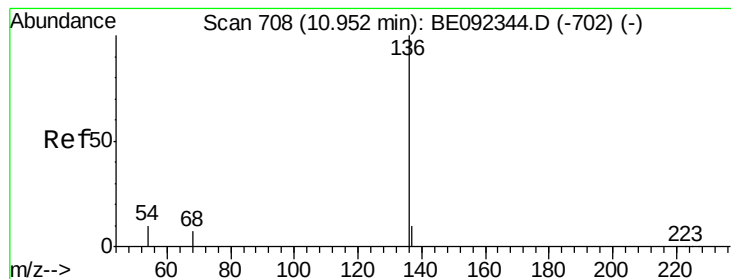


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092390.D

Acq: 16 Sep 2016 13:20

Instrument :

BNA_E

ClientSampleId :

T1TWP

Tgt Ion:136 Resp: 49774

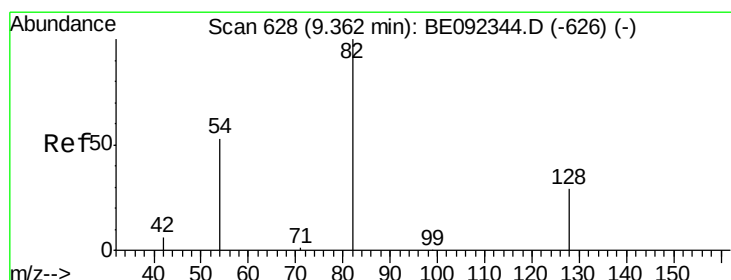
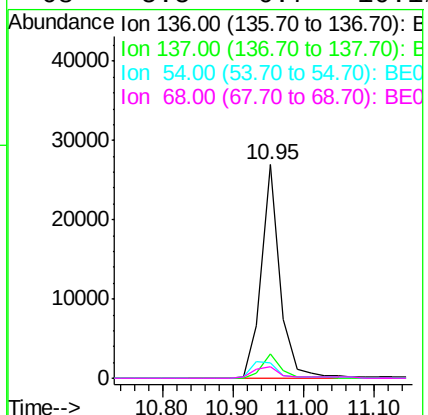
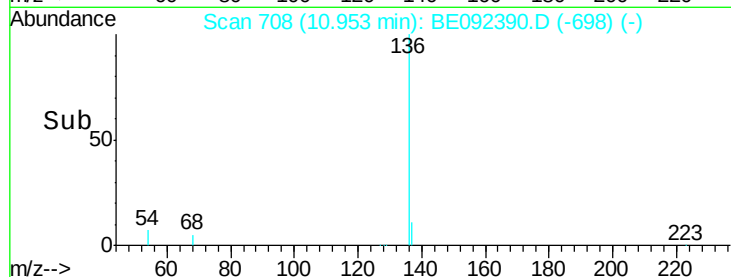
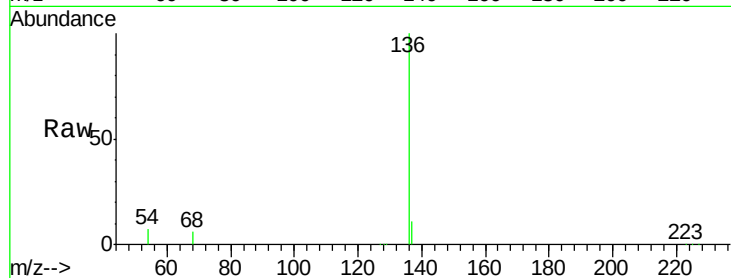
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 7.3 9.6 14.4#

68 5.5 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 3.91 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

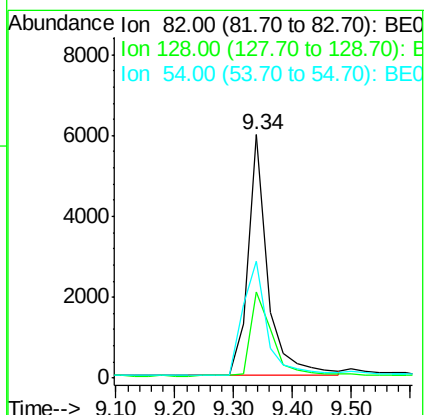
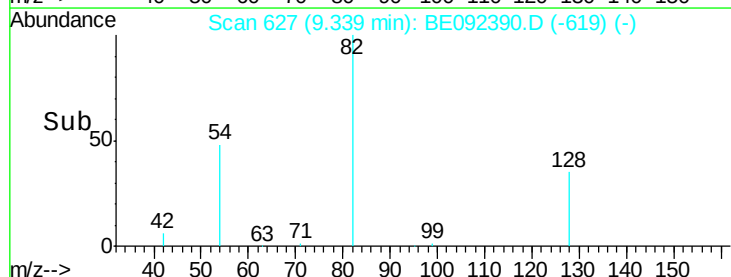
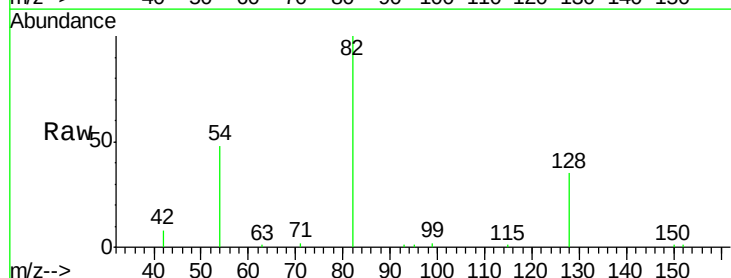
Tgt Ion: 82 Resp: 13980

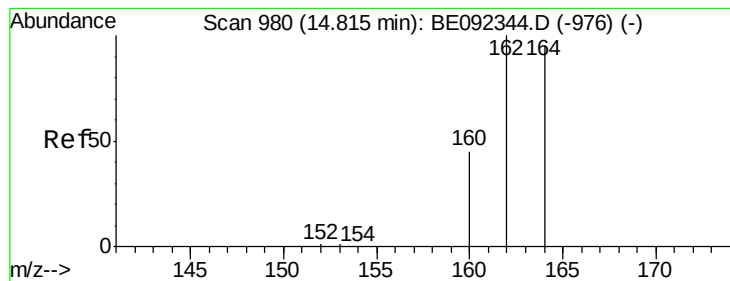
Ion Ratio Lower Upper

82 100

128 35.2 39.0 58.4#

54 48.2 44.8 67.2





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

Instrument :

BNA_E

ClientSampleId :

T1TWP

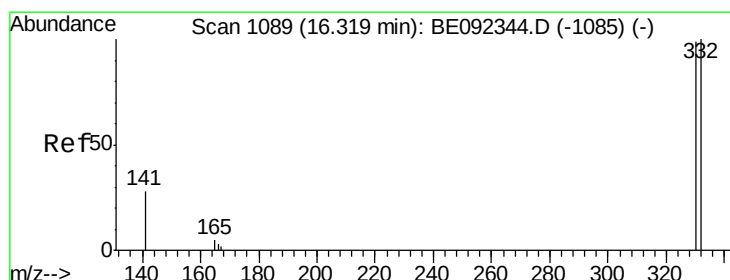
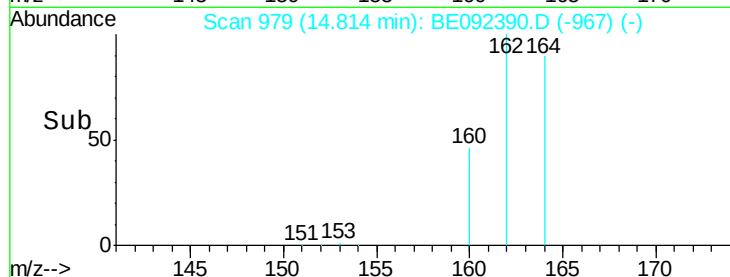
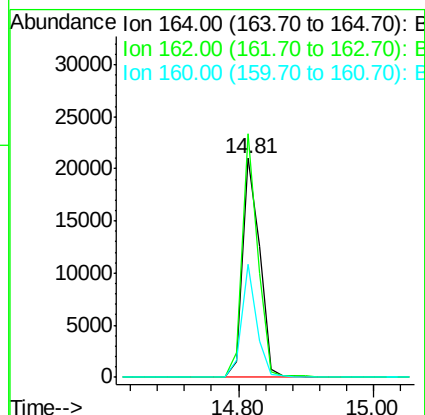
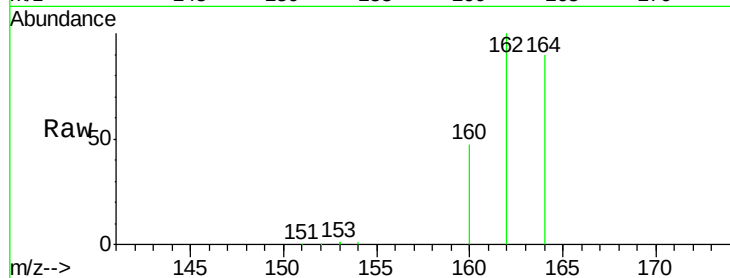
Tgt Ion:164 Resp: 36721

Ion Ratio Lower Upper

164 100

162 111.1 71.4 107.0#

160 51.7 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 9.40 ng

RT: 16.31 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

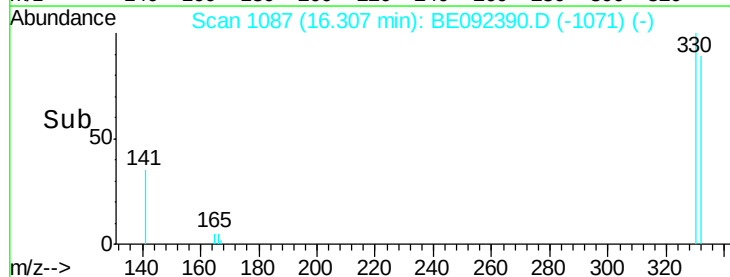
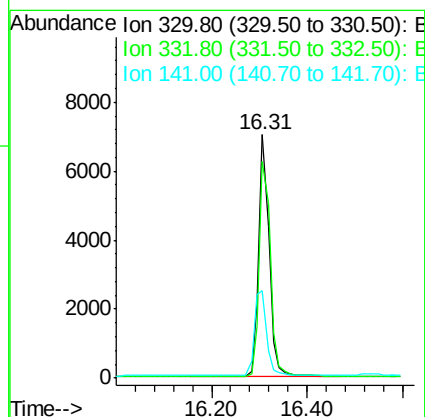
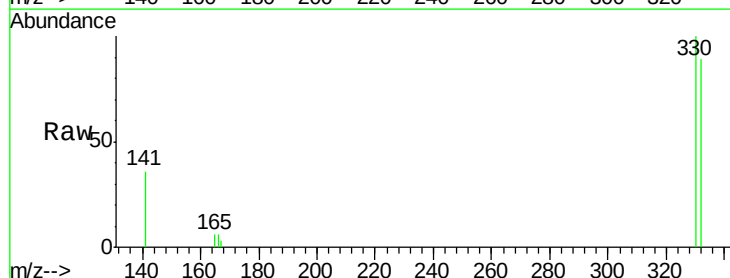
Tgt Ion:330 Resp: 10695

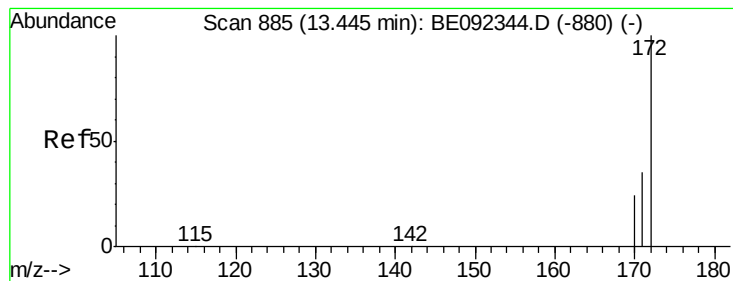
Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.0

141 41.5 31.0 46.6





#14

2-Fluorobiphenyl

Concen: 3.24 ng

RT: 13.43 min Scan# 884

Delta R.T. -0.01 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

Instrument :

BNA_E

ClientSampleId :

T1TWP

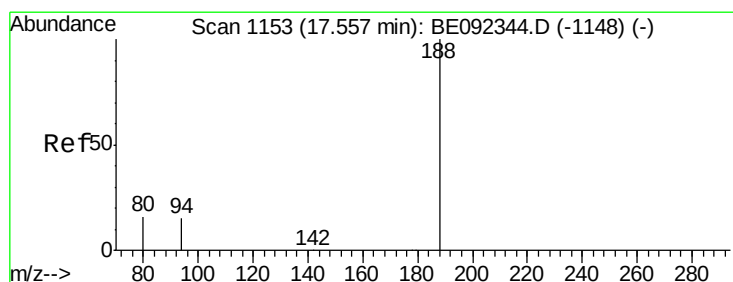
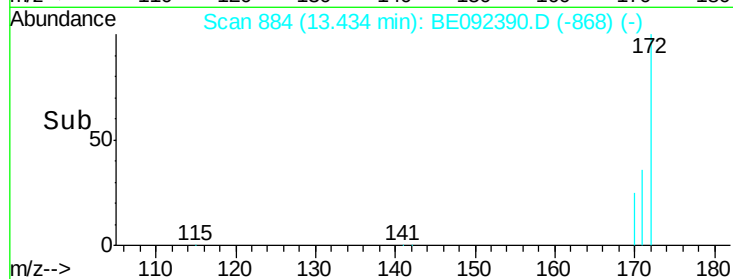
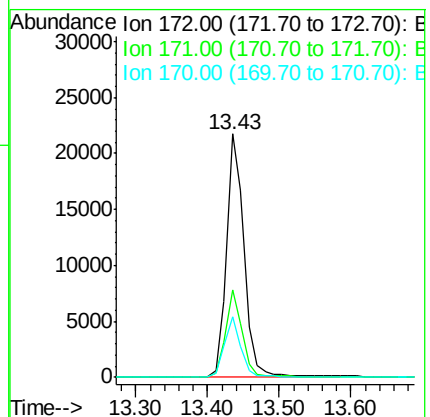
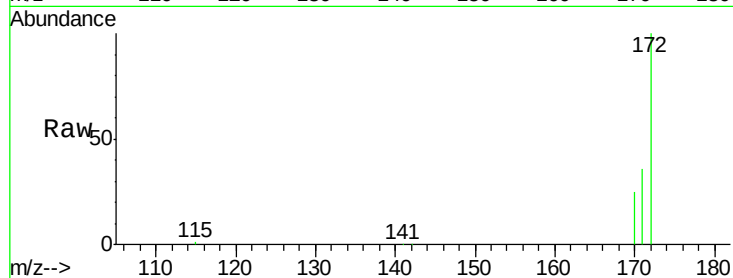
Tgt Ion:172 Resp: 36535

Ion Ratio Lower Upper

172 100

171 35.7 30.1 45.1

170 25.0 21.8 32.6



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

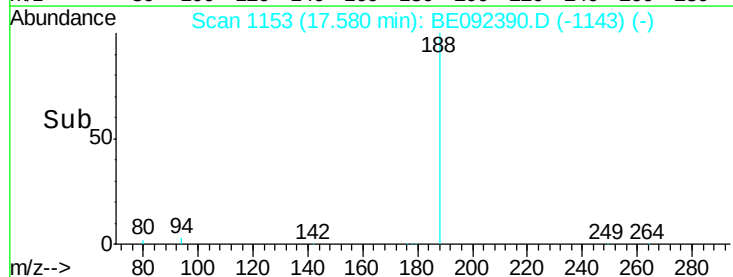
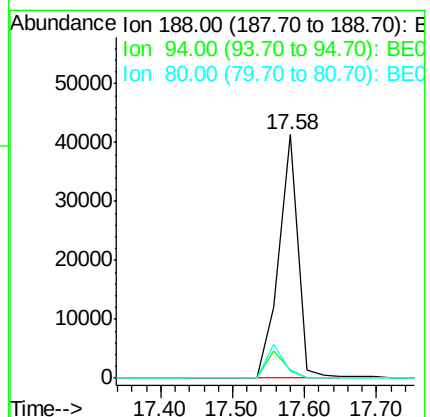
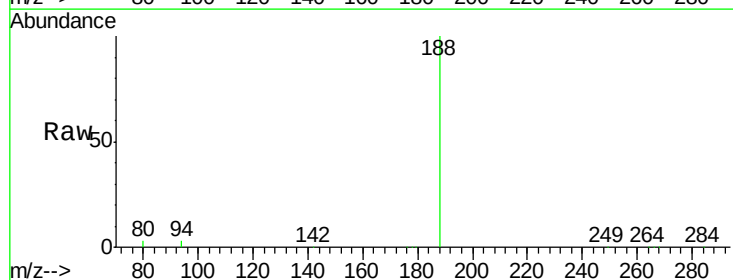
Tgt Ion:188 Resp: 76326

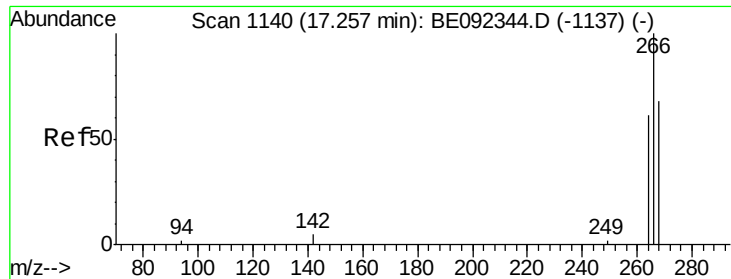
Ion Ratio Lower Upper

188 100

94 3.3 3.2 4.8

80 2.6 2.6 3.8





#20

Pentachlorophenol

Concen: 0.07 ng

RT: 17.26 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

Instrument :

BNA_E

ClientSampleId :

T1TWP

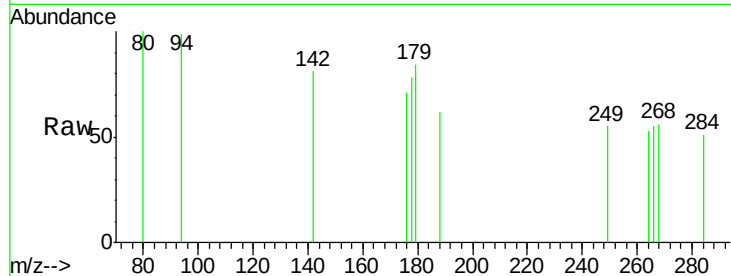
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

268 102.0 62.5 93.7#

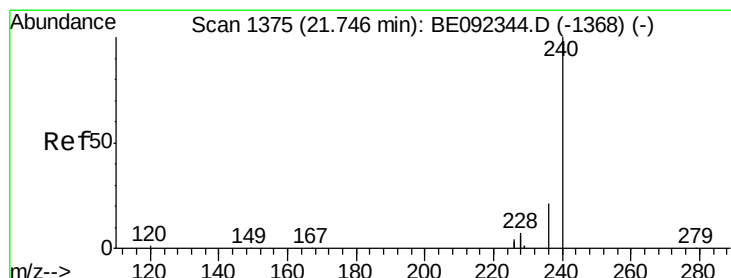
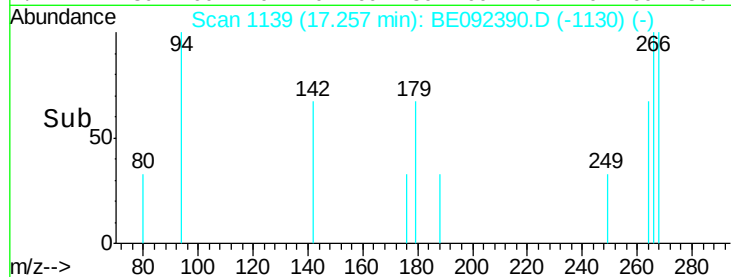
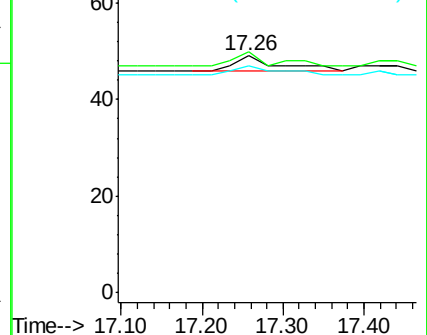
264 95.9 57.2 85.8#



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# 1374

Delta R.T. -0.00 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

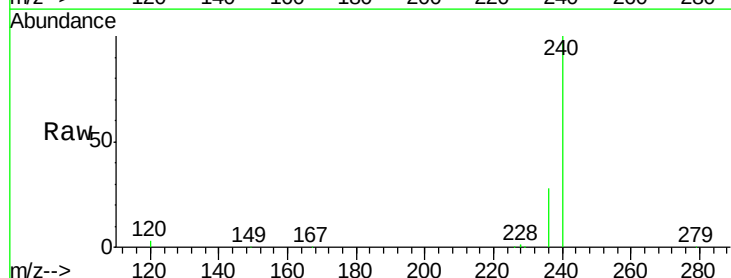
Tgt Ion:240 Resp: 108495

Ion Ratio Lower Upper

240 100

120 2.9 2.6 4.0

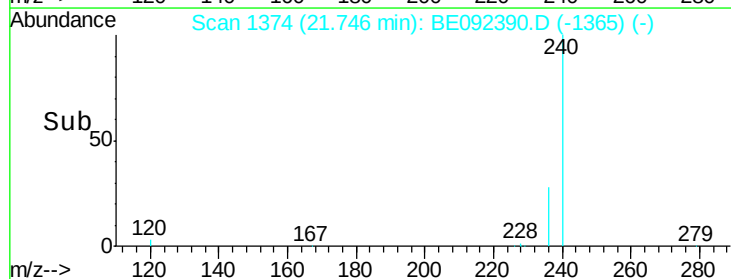
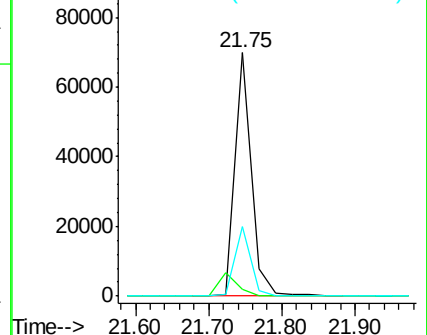
236 28.4 24.6 37.0

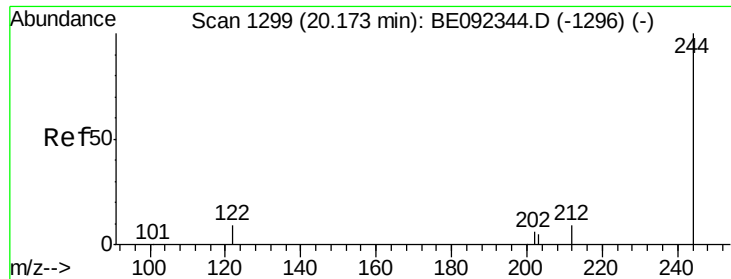


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

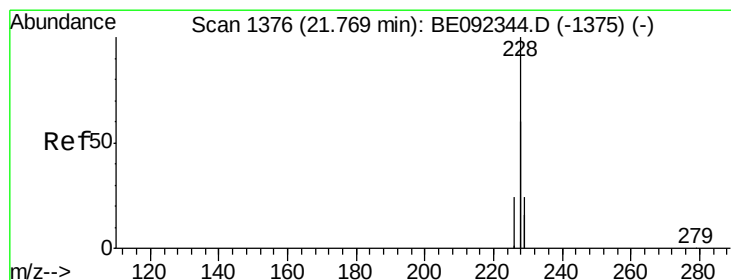
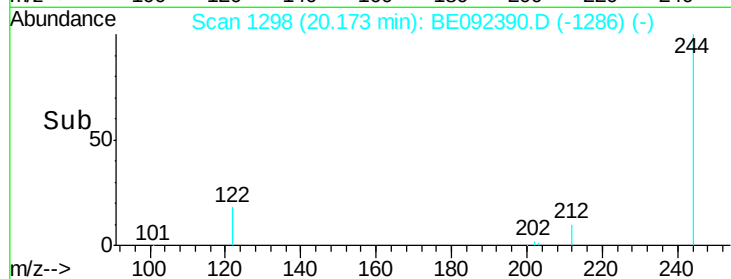
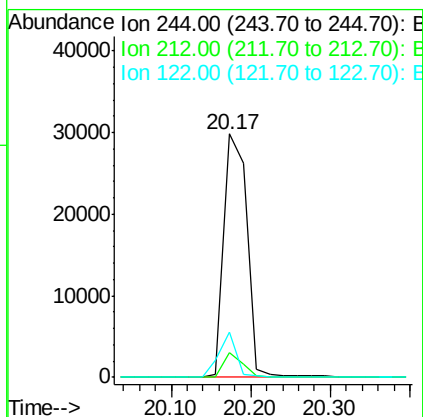
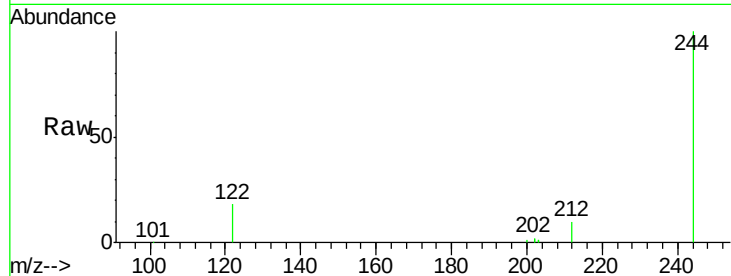




#26
 Terphenyl-d14
 Concen: 3.71 ng
 RT: 20.17 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BE092390.D
 Acq: 16 Sep 2016 13:20

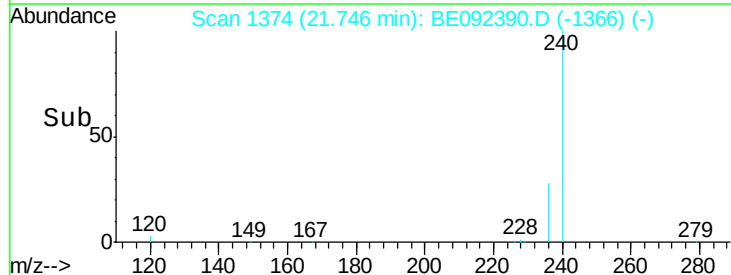
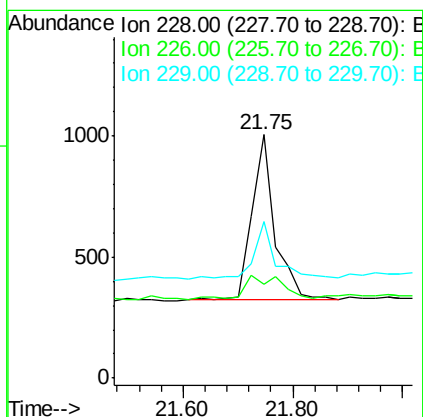
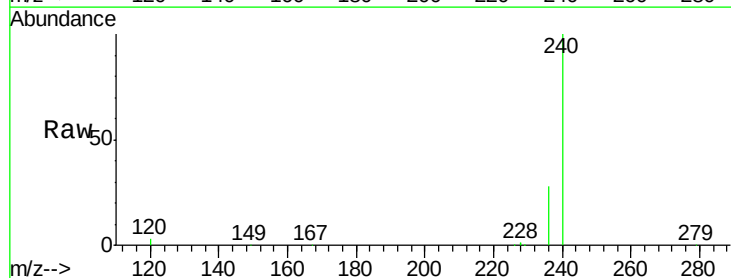
Instrument :
 BNA_E
 ClientSampleId :
 T1TWP

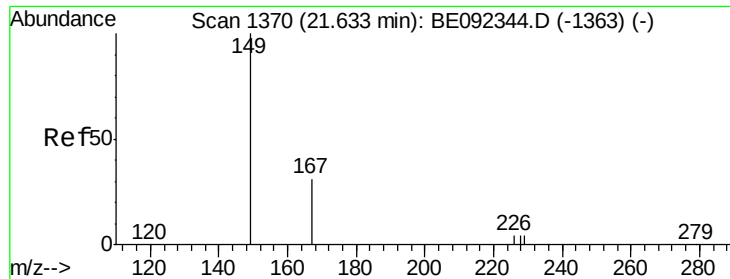
Tgt Ion: 244 Resp: 59475
 Ion Ratio Lower Upper
 244 100
 212 10.3 6.7 10.1#
 122 18.4 3.6 5.4#



#28
 Chrysene
 Concen: Below Cal
 RT: 21.75 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BE092390.D
 Acq: 16 Sep 2016 13:20

Tgt Ion: 228 Resp: 1959
 Ion Ratio Lower Upper
 228 100
 226 38.4 36.3 54.5
 229 64.4 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.20 ng

RT: 21.63 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

Instrument :

BNA_E

ClientSampleId :

T1TWP

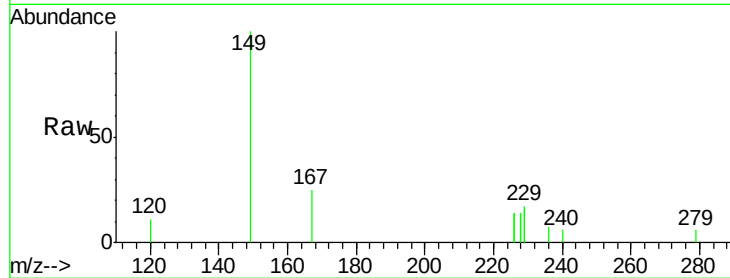
Tgt Ion:149 Resp: 2523

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

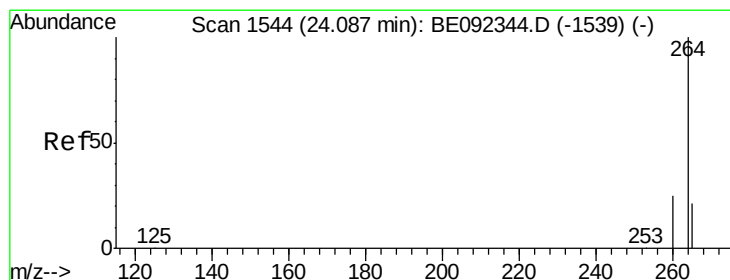
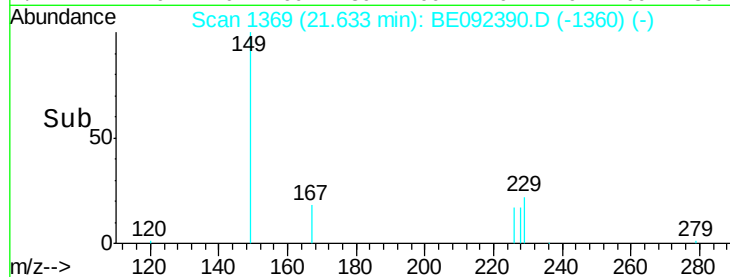
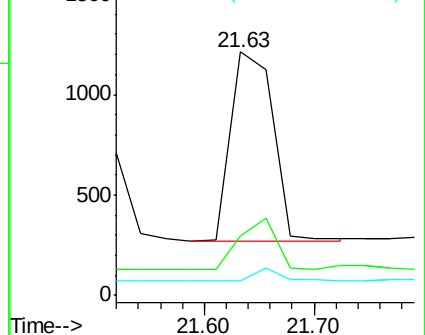
279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.12 min Scan# 1546

Delta R.T. 0.03 min

Lab File: BE092390.D

Acq: 16 Sep 2016 13:20

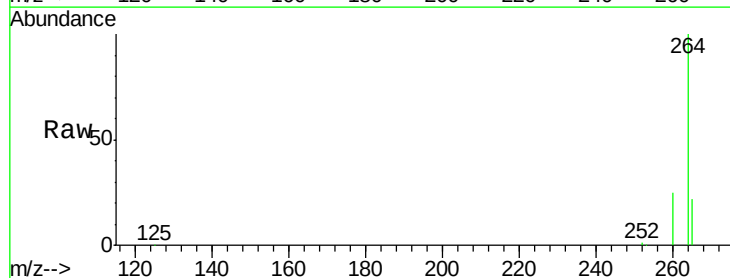
Tgt Ion:264 Resp: 94004

Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

265 22.2 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

