

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
 Data File : BE092947.D
 Acq On : 6 May 2017 1:59
 Operator : SJ/MA
 Sample : I2893-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 06 05:10:53 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:05:07 2017
 Response via : Initial Calibration

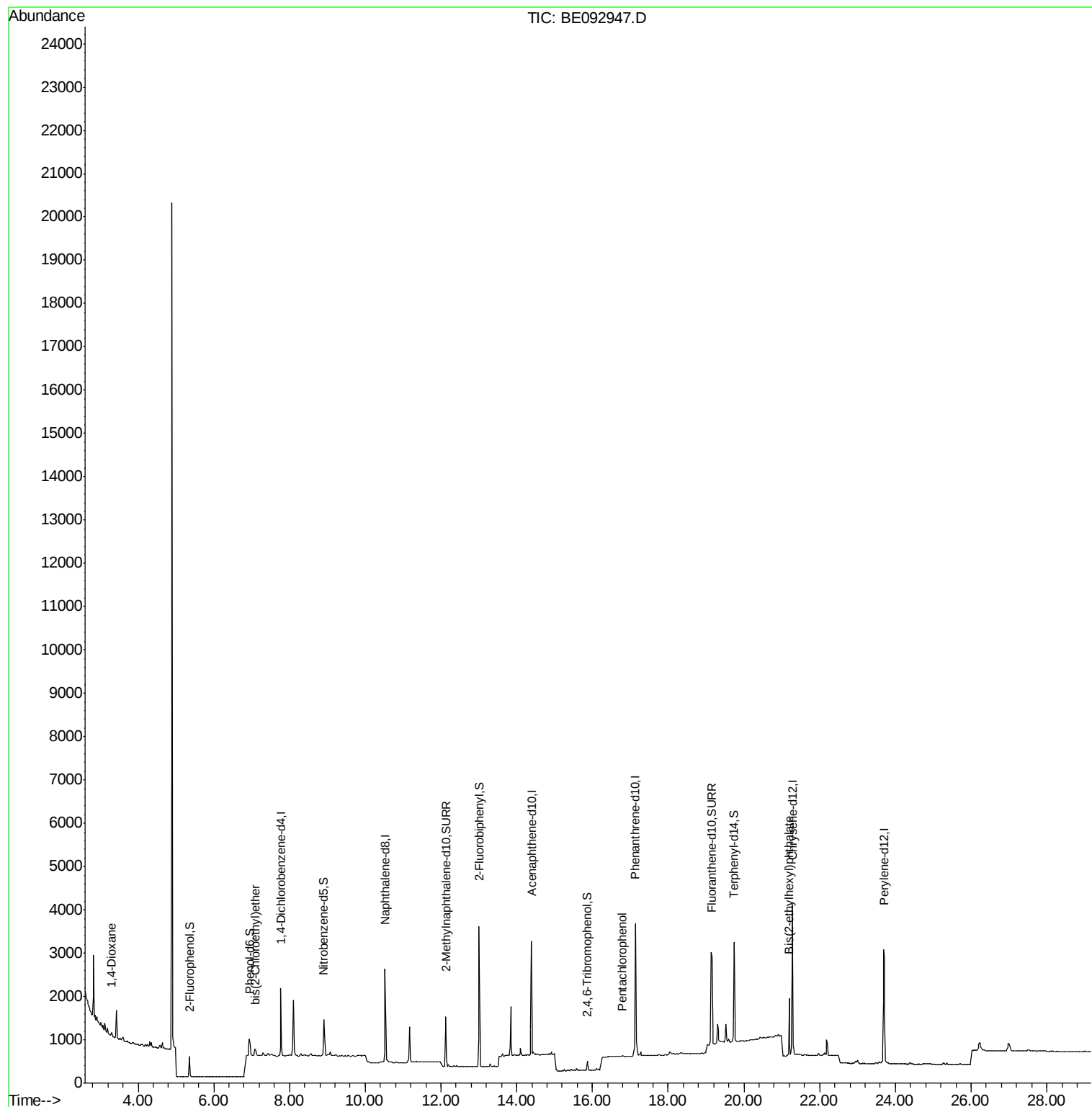
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	767	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3215	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1534	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4018	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4548	0.40	ng	0.00
33) Perylene-d12	23.69	264	4062	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	332	0.19	ng	0.00
5) Phenol-d6	6.95	99	282	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	883	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1768	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	131	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3000	0.43	ng	0.00
24) Fluoranthene-d10	19.15	212	4078	0.44	ng	0.00
28) Terphenyl-d14	19.73	244	2800	0.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	44	0.03	ng	# 1
6) bis(2-Chloroethyl)ether	7.08	93	413	0.15	ng	# 25
21) Pentachlorophenol	16.79	266	21	0.20	ng	98
31) Bis(2-ethylhexyl)phthalate	21.20	149	1320	0.45	ng	# 97

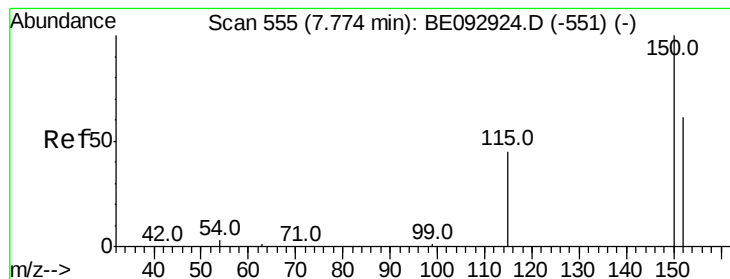
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 05 14:05:07 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampleId :

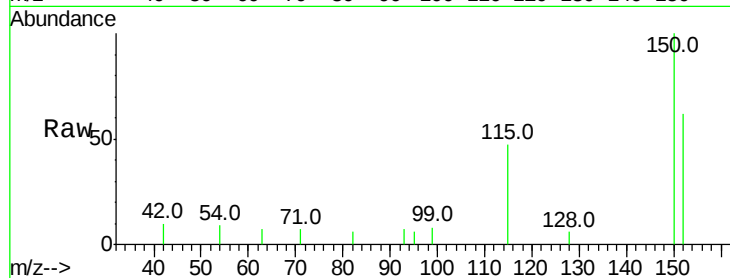
Tot Ion:152 Resp: 767

Ion Ratio Lower Upper

152 100

150 160.4 129.9 194.9

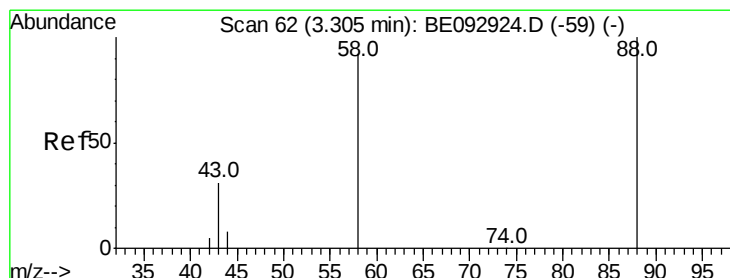
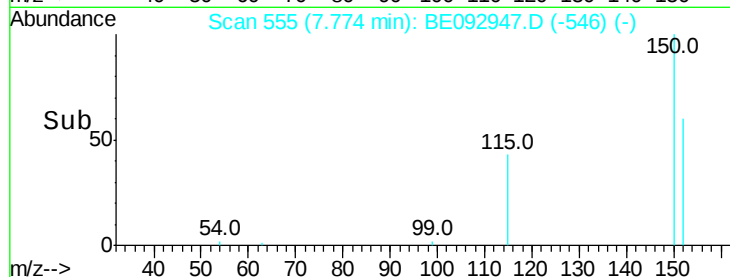
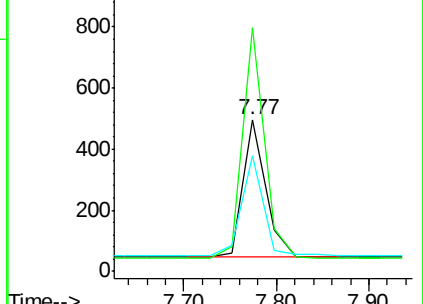
115 76.1 62.6 93.8



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: 0.03 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

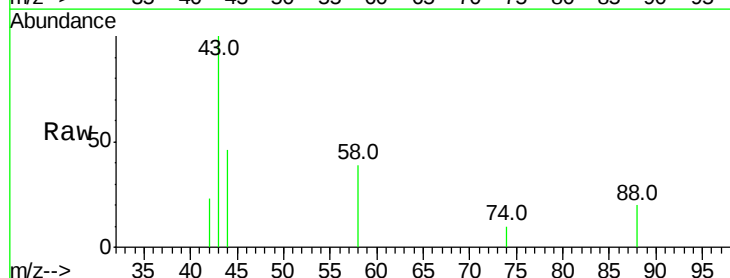
Tgt Ion: 88 Resp: 44

Ion Ratio Lower Upper

88 100

58 129.5 64.9 97.3#

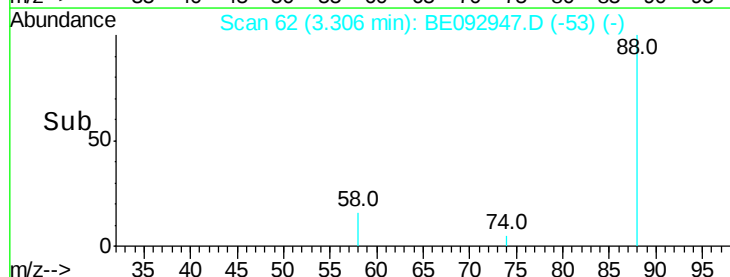
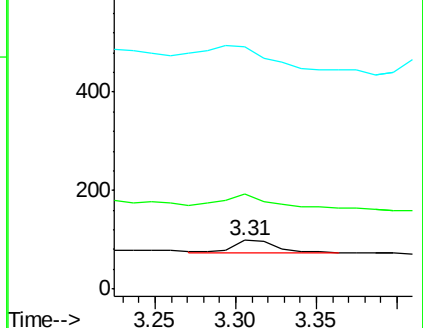
43 322.7 26.6 40.0#

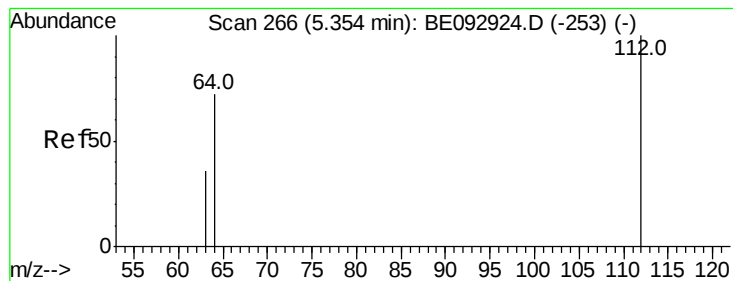


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.19 ng

RT: 5.35 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampleId :

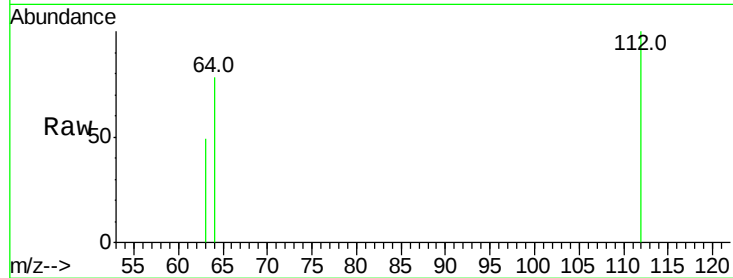
Tot Ion:112 Resp: 332

Ion Ratio Lower Upper

112 100

64 70.8 52.6 79.0

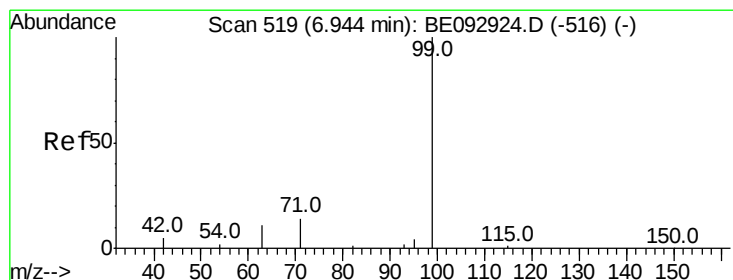
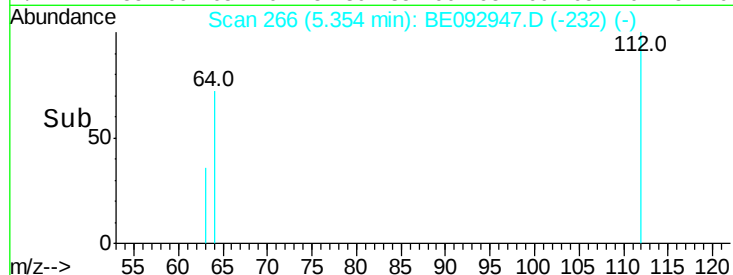
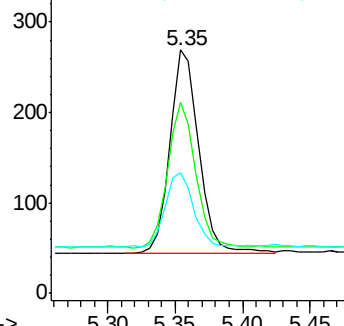
63 36.1 29.0 43.4



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.12 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

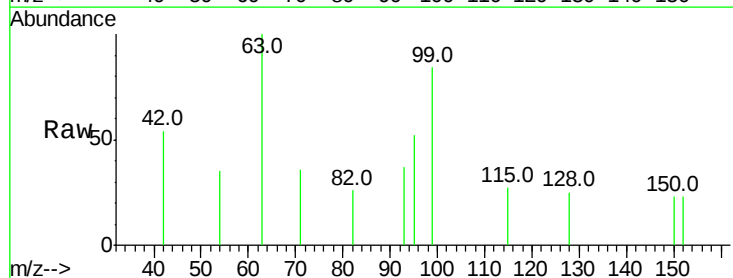
Tgt Ion: 99 Resp: 282

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

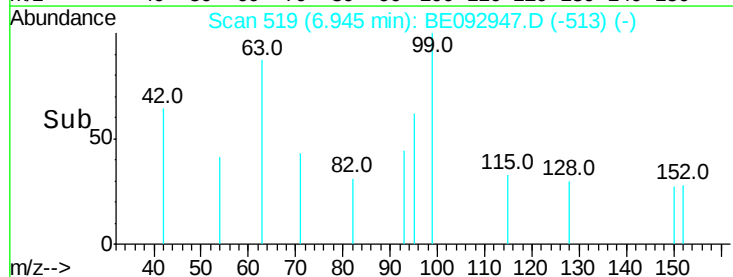
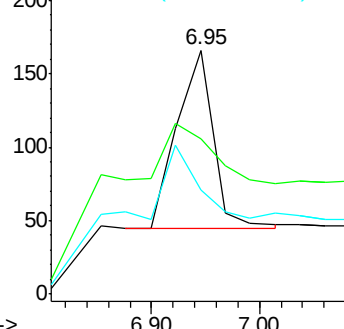
71 0.0 0.0 0.0

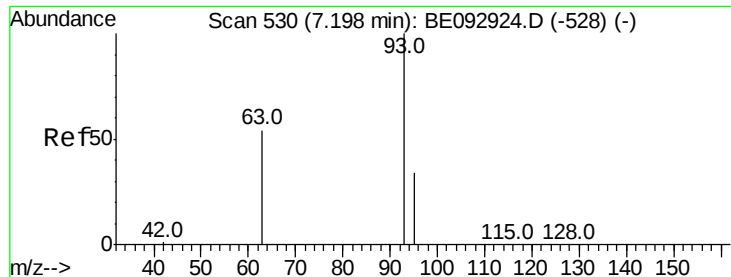


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.15 ng

RT: 7.08 min Scan# 525

Delta R.T. -0.11 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampleId :

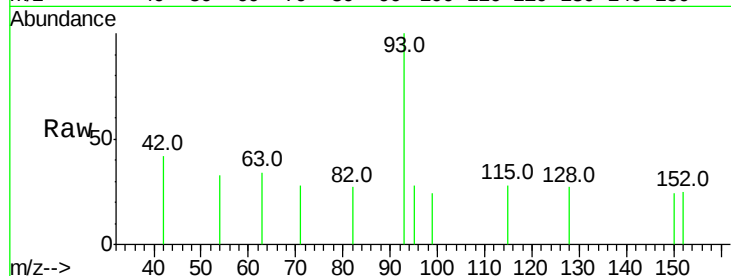
Tot Ion: 93 Resp: 413

Ion Ratio Lower Upper

93 100

63 5.6 61.2 91.8#

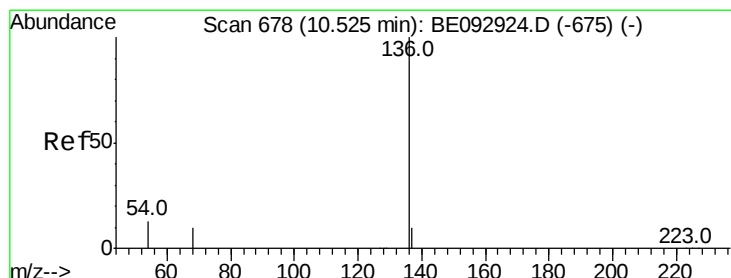
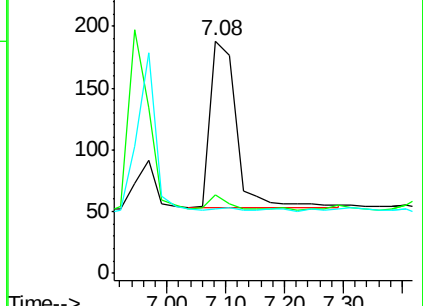
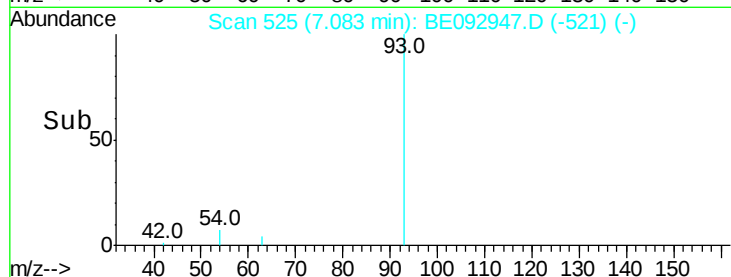
95 0.0 25.5 38.3#



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: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Tgt Ion:136 Resp: 3215

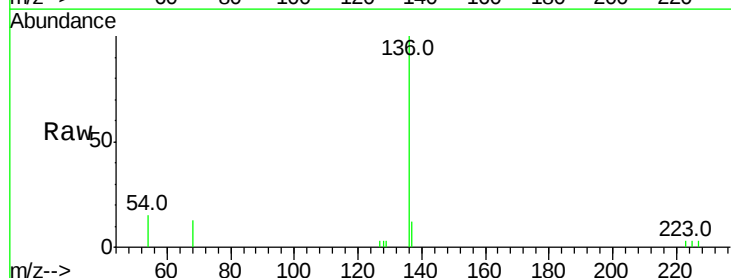
Ion Ratio Lower Upper

136 100

137 12.4 10.4 15.6

54 14.6 12.6 18.8

68 12.8 10.7 16.1

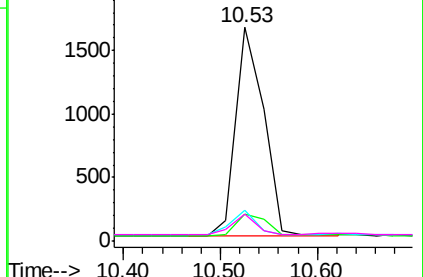
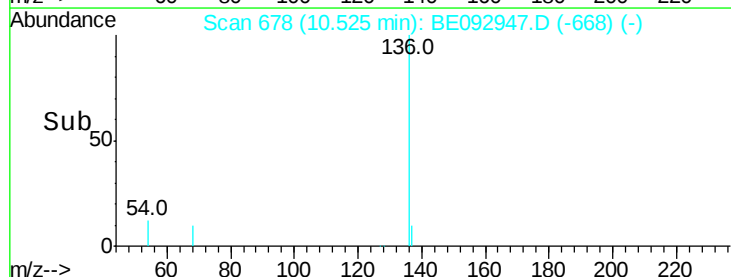


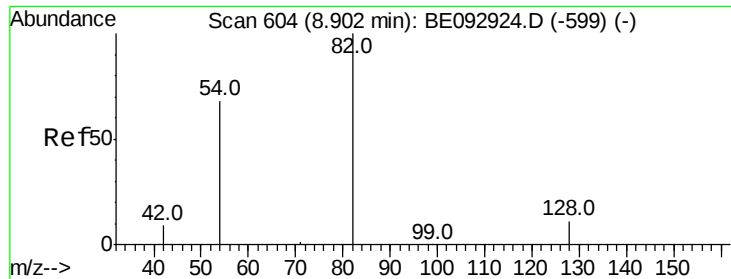
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.41 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampleId :

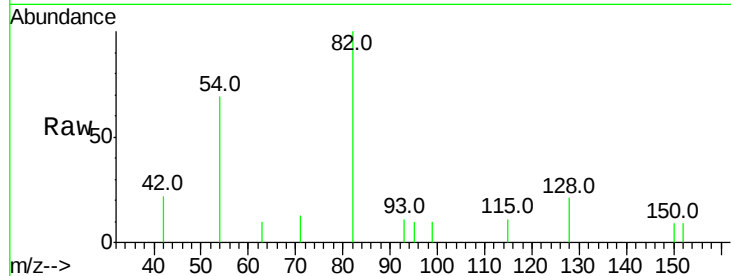
Tot Ion: 82 Resp: 883

Ion Ratio Lower Upper

82 100

128 20.8 35.3 52.9#

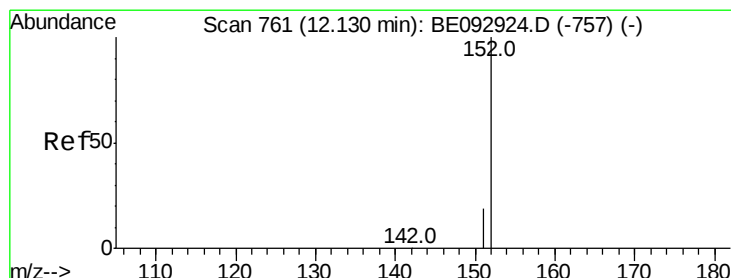
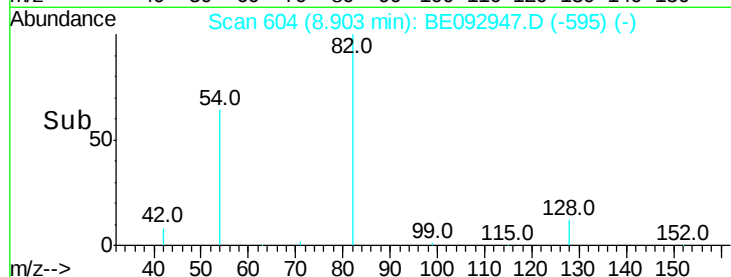
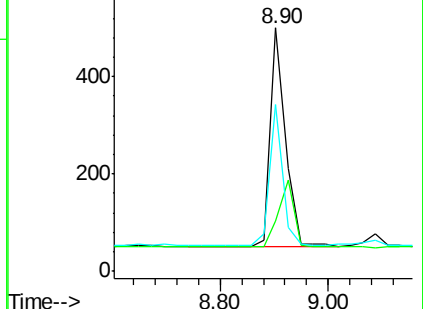
54 68.6 65.1 97.7



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



#11

2-Methylnaphthalene-d10

Concen: 0.37 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092947.D

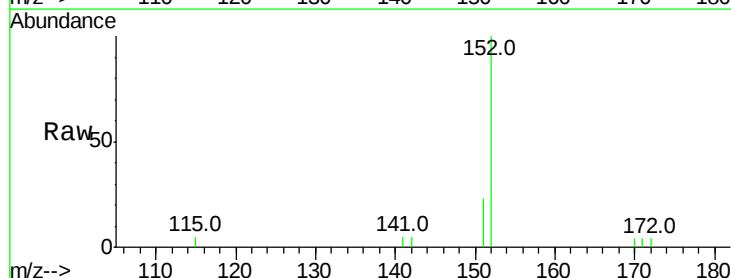
Acq: 6 May 2017 1:59

Tgt Ion: 152 Resp: 1768

Ion Ratio Lower Upper

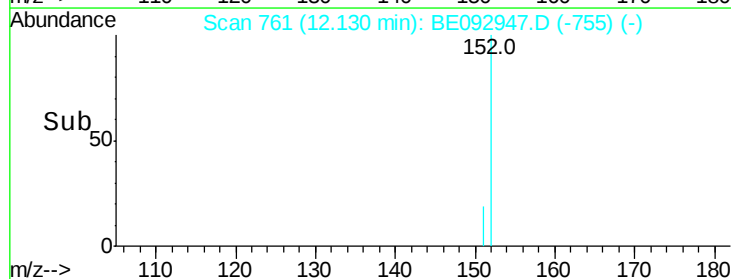
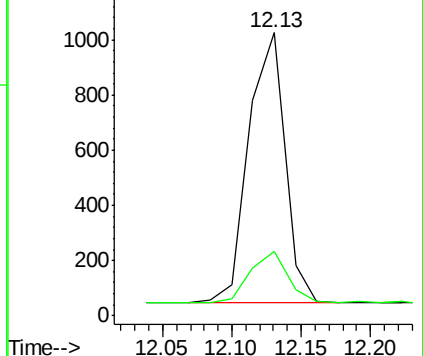
152 100

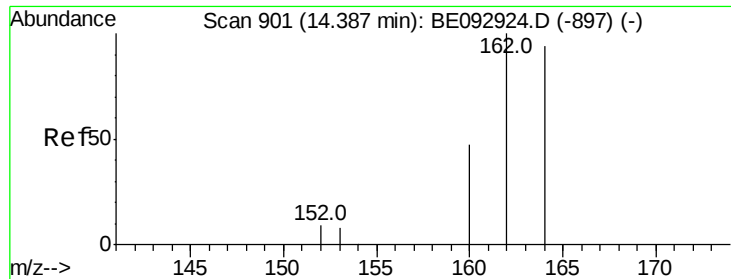
151 19.6 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

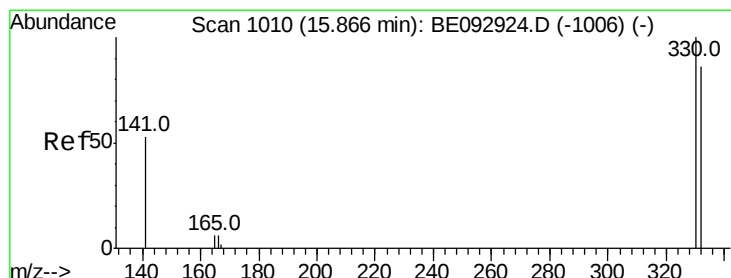
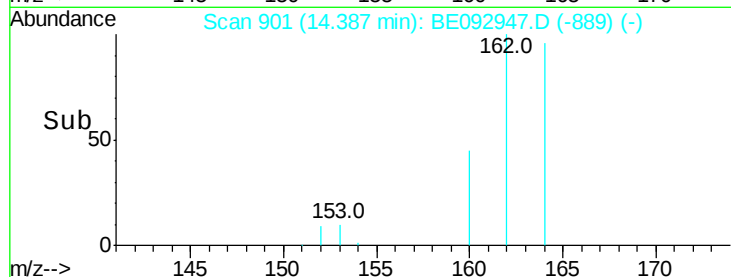
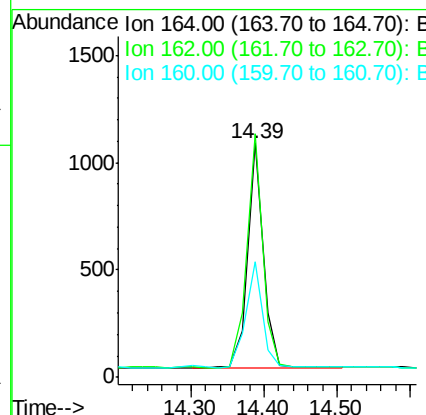
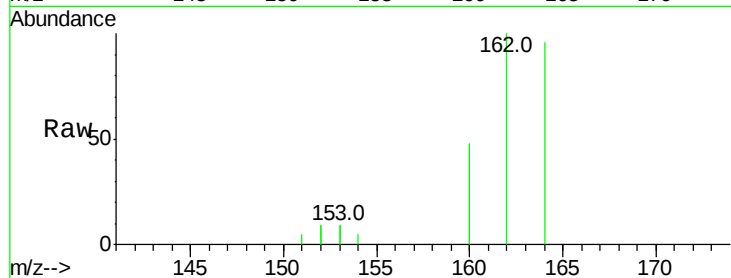




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BE092947.D
 Acq: 6 May 2017 1:59

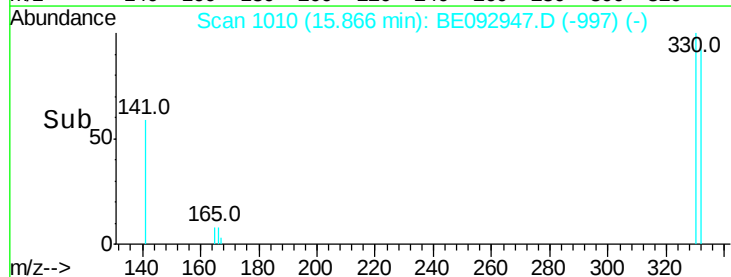
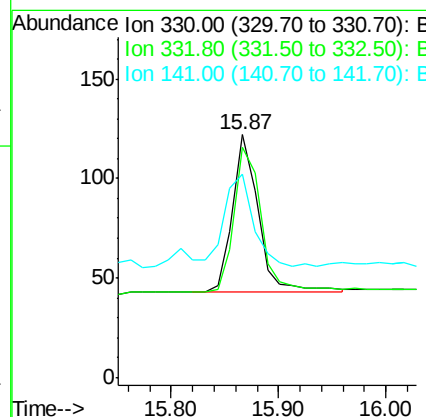
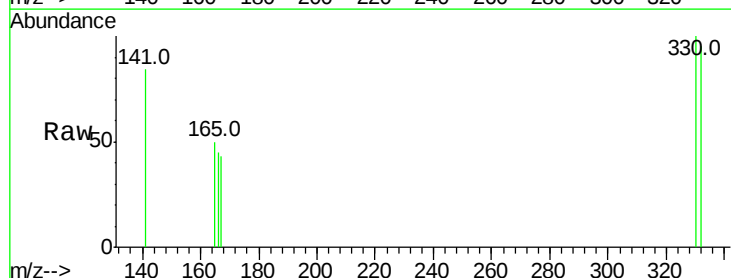
Instrument :
 BNA_E
 ClientSampleId :

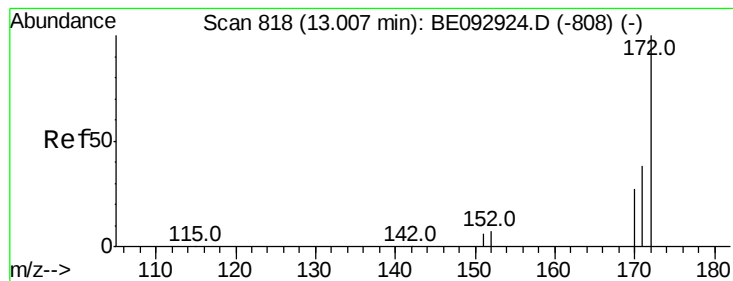
Tot Ion:164 Resp: 1534
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.6 130.0
 160 49.5 44.5 66.7



#14
 2,4,6-Tribromophenol
 Concen: 0.55 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BE092947.D
 Acq: 6 May 2017 1:59

Tgt Ion:330 Resp: 131
 Ion Ratio Lower Upper
 330 100
 332 97.7 69.1 103.7
 141 64.9 54.6 81.8





#15

2-Fluorobiphenyl

Concen: 0.43 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampled :

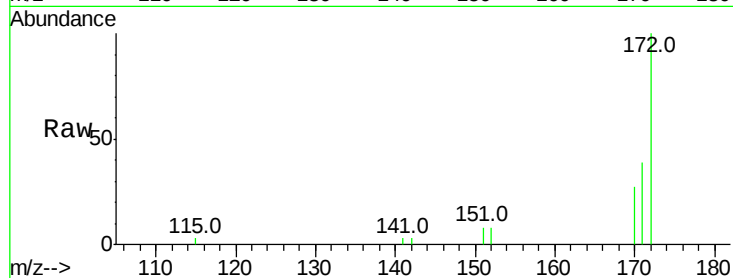
Tot Ion:172 Resp: 3000

Ion Ratio Lower Upper

172 100

171 38.6 35.8 53.6

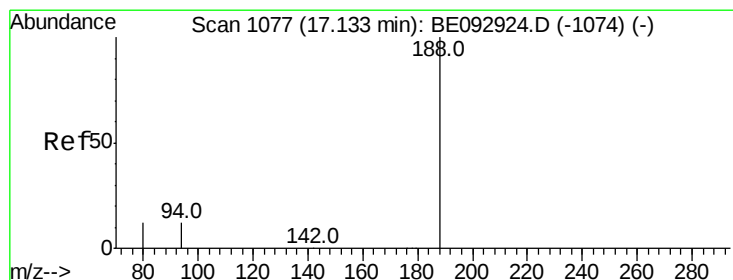
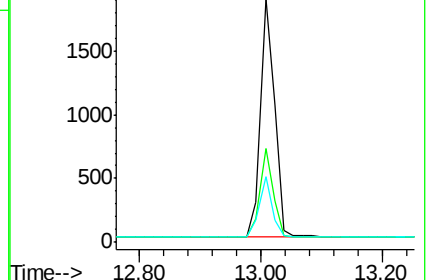
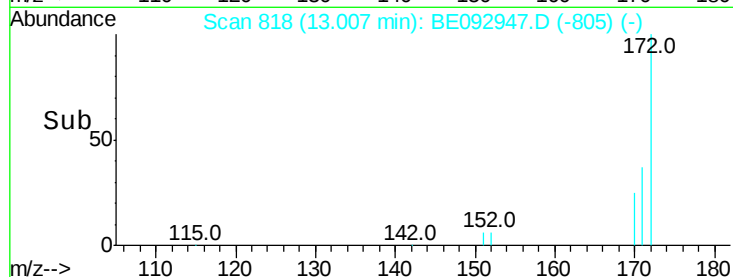
170 27.0 28.5 42.7#



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



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

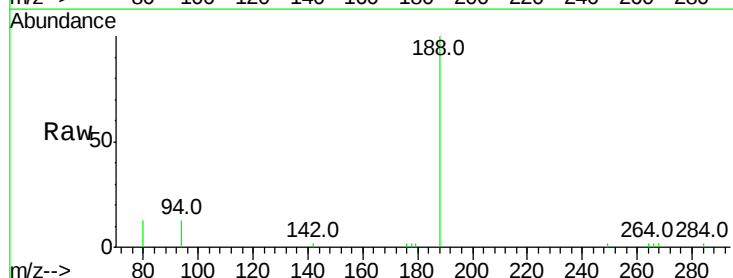
Tgt Ion:188 Resp: 4018

Ion Ratio Lower Upper

188 100

94 12.6 10.2 15.4

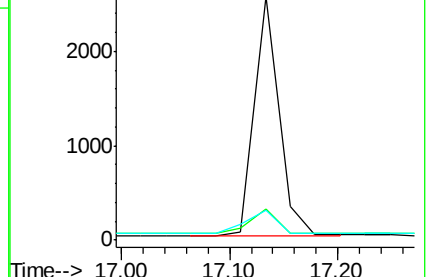
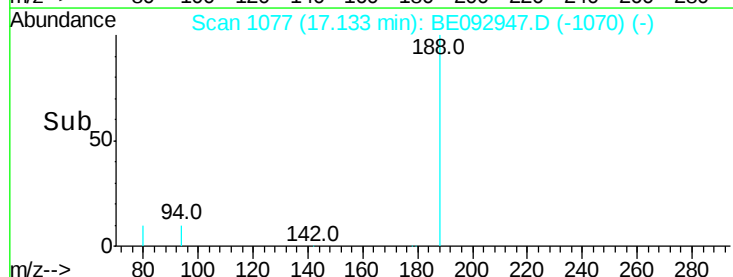
80 12.5 10.6 15.8

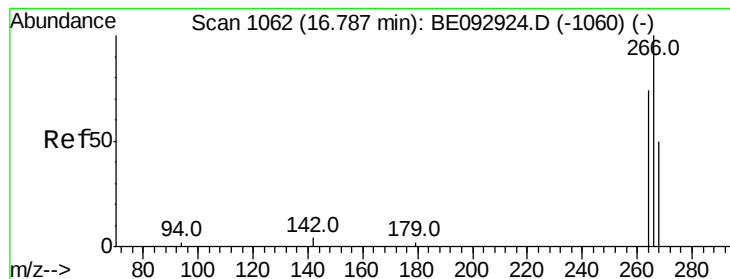


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#21

Pentachlorophenol

Concen: 0.20 ng

RT: 16.79 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampleId :

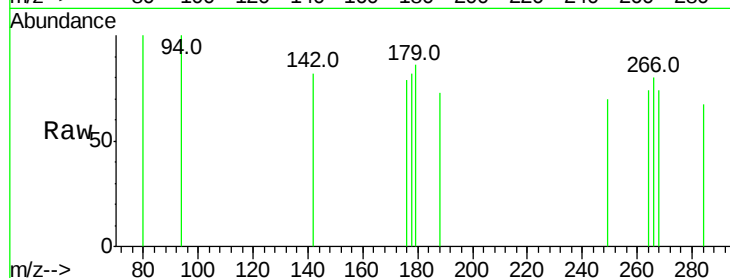
Tot Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

264 92.5 75.4 113.2

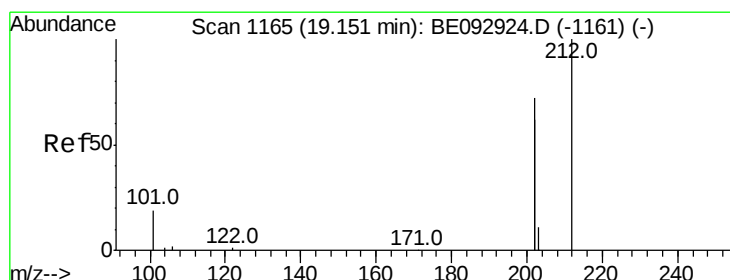
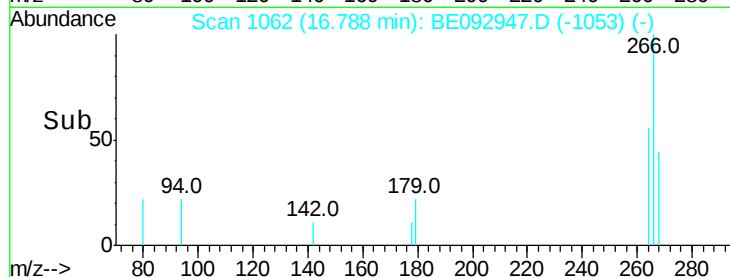
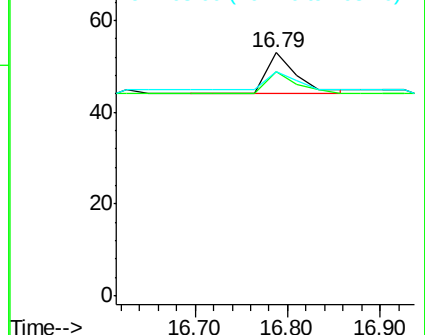
268 92.5 75.4 113.2



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#24

Fluoranthene-d10

Concen: 0.44 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

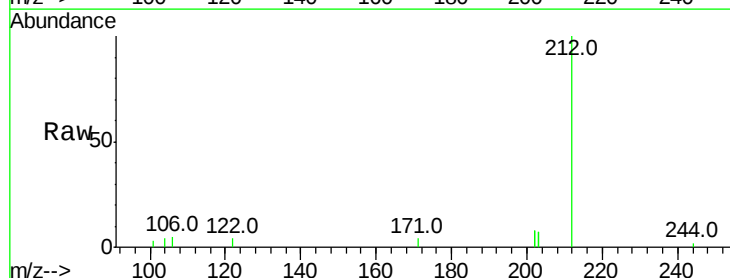
Tgt Ion:212 Resp: 4078

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

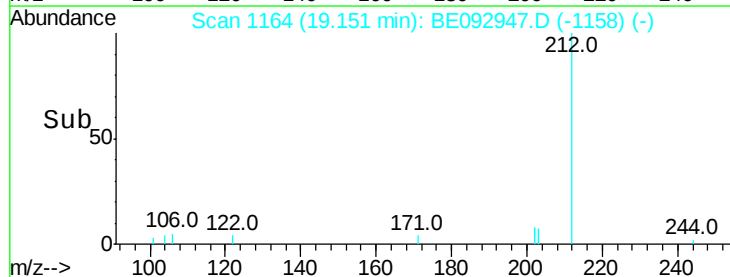
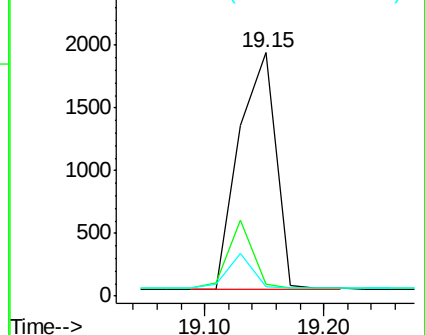
104 0.0 0.0 0.0

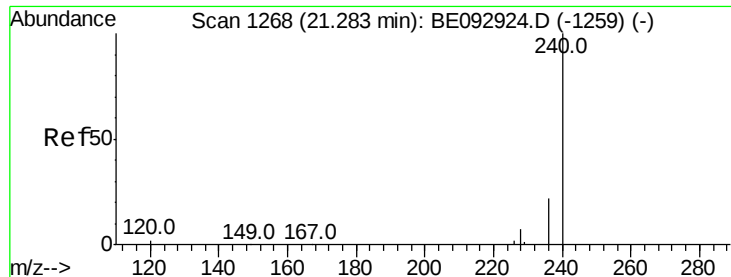


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

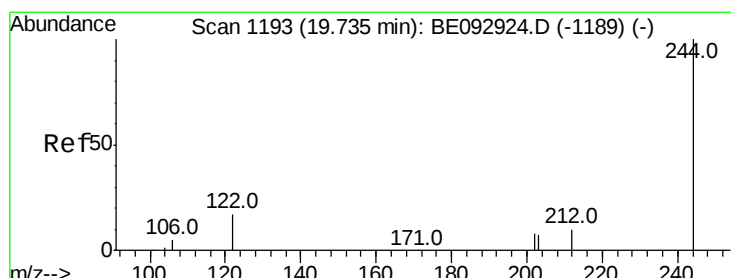
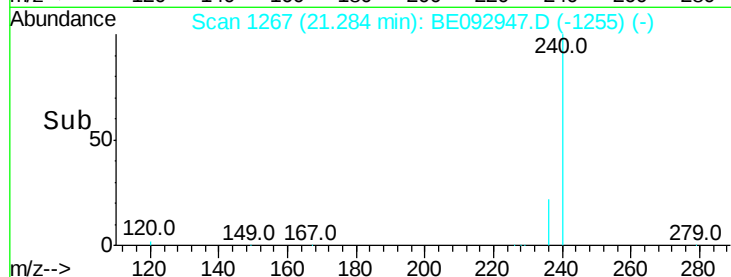
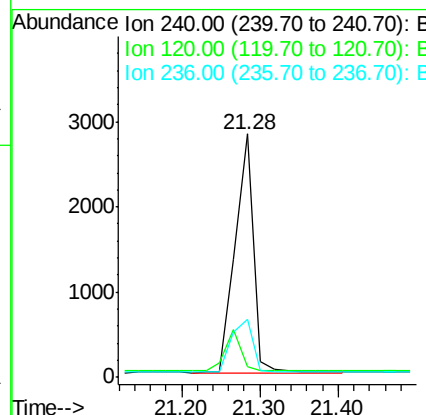
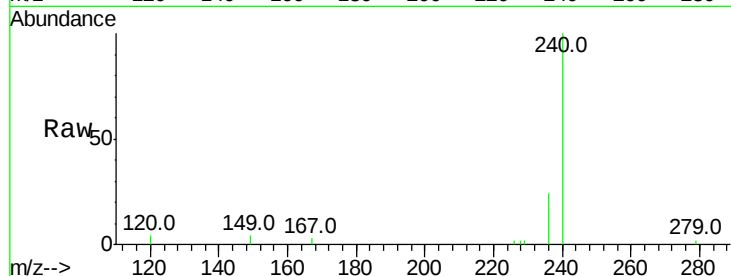




#26
 Chrvsene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BE092947.D
 Acq: 6 May 2017 1:59

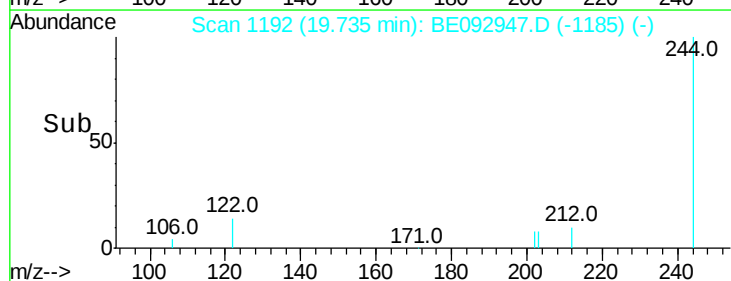
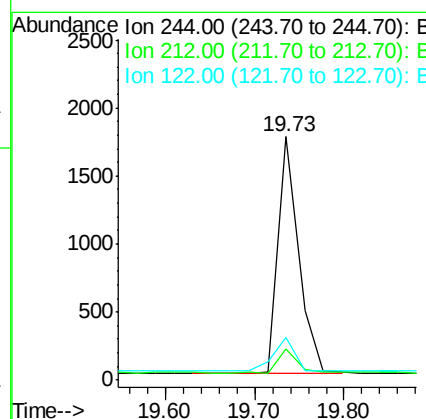
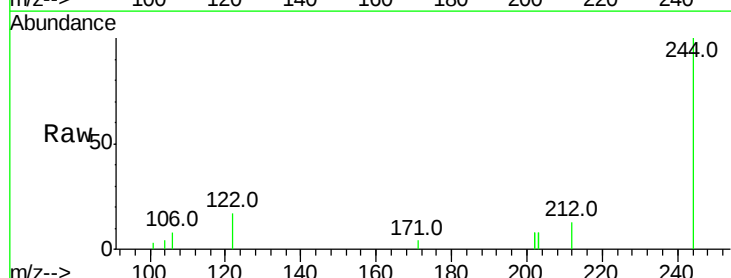
Instrument :
 BNA_E
 ClientSampleId :

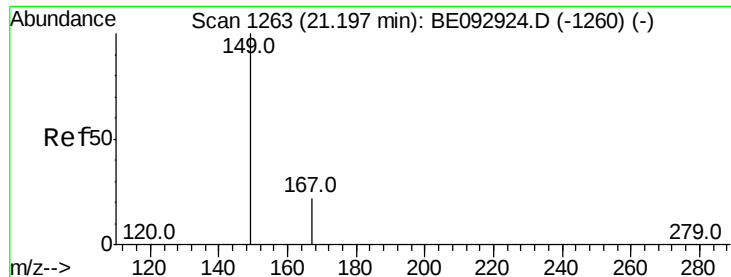
Tot Ion:240 Resp: 4548
 Ion Ratio Lower Upper
 240 100
 120 4.2 4.6 6.8#
 236 23.8 19.8 29.8



#28
 Terphenyl-d14
 Concen: 0.35 ng
 RT: 19.73 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BE092947.D
 Acq: 6 May 2017 1:59

Tgt Ion:244 Resp: 2800
 Ion Ratio Lower Upper
 244 100
 212 12.9 18.4 27.6#
 122 17.4 23.3 34.9#

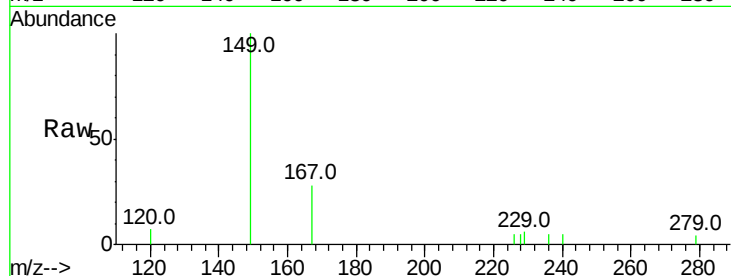




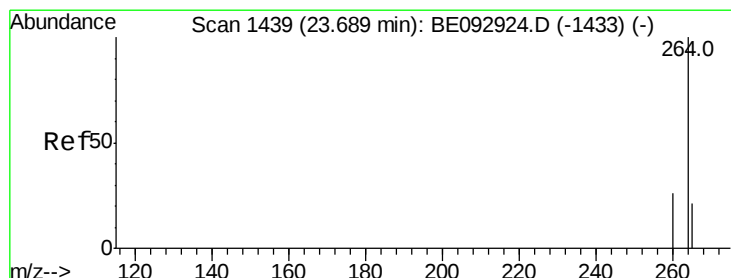
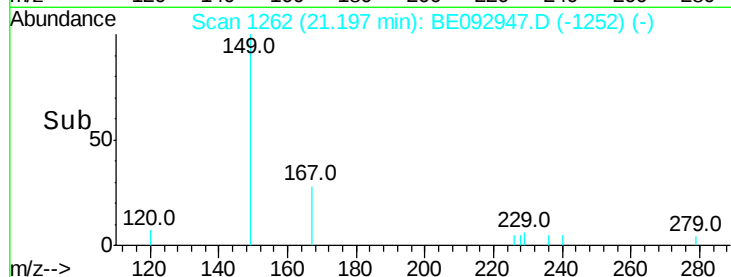
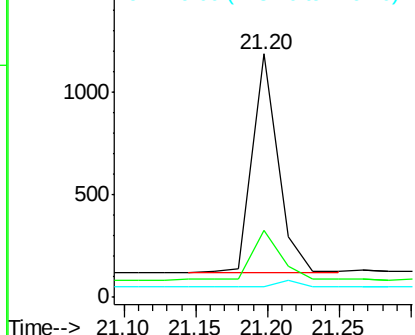
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.45 ng
 RT: 21.20 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BE092947.D
 Acq: 6 May 2017 1:59

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1320
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.9 31.3
 279 2.7 0.0 0.0#

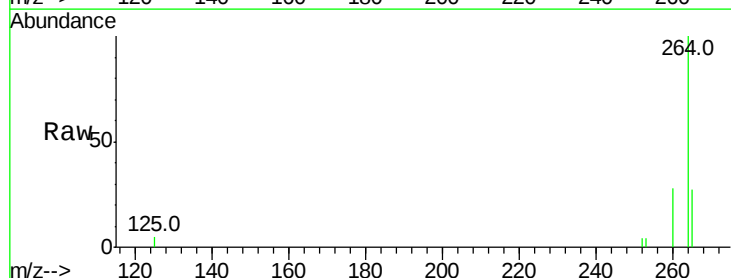


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BE092947.D
 Acq: 6 May 2017 1:59

Tgt Ion:264 Resp: 4062
 Ion Ratio Lower Upper
 264 100
 260 28.1 23.5 35.3
 265 26.9 27.2 40.8#



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

