

Data Path : Z:\HPCHEM1\BNA_E\Data\BE051117\
 Data File : BE093000.D
 Acq On : 11 May 2017 17:32
 Operator : SJ/MA
 Sample : I3058-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW003-170508

Quant Time: May 11 18:53:25 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:48:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	844	0.40	ng	-0.02
7) Naphthalene-d8	10.52	136	3383	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1692	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4935	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5070	0.40	ng	0.00
34) Perylene-d12	23.69	264	4137	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	456	0.20	ng	0.00
5) Phenol-d6	6.92	99	445	0.15	ng	-0.02
8) Nitrobenzene-d5	8.88	82	927	0.35	ng	-0.02
11) 2-Methylnaphthalene-d10	12.11	152	1867	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.87	330	202	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	3479	0.52	ng	0.00
25) Fluoranthene-d10	19.14	212	4916	0.38	ng	-0.02
29) Terphenyl-d14	19.74	244	6697	0.74	ng	0.00

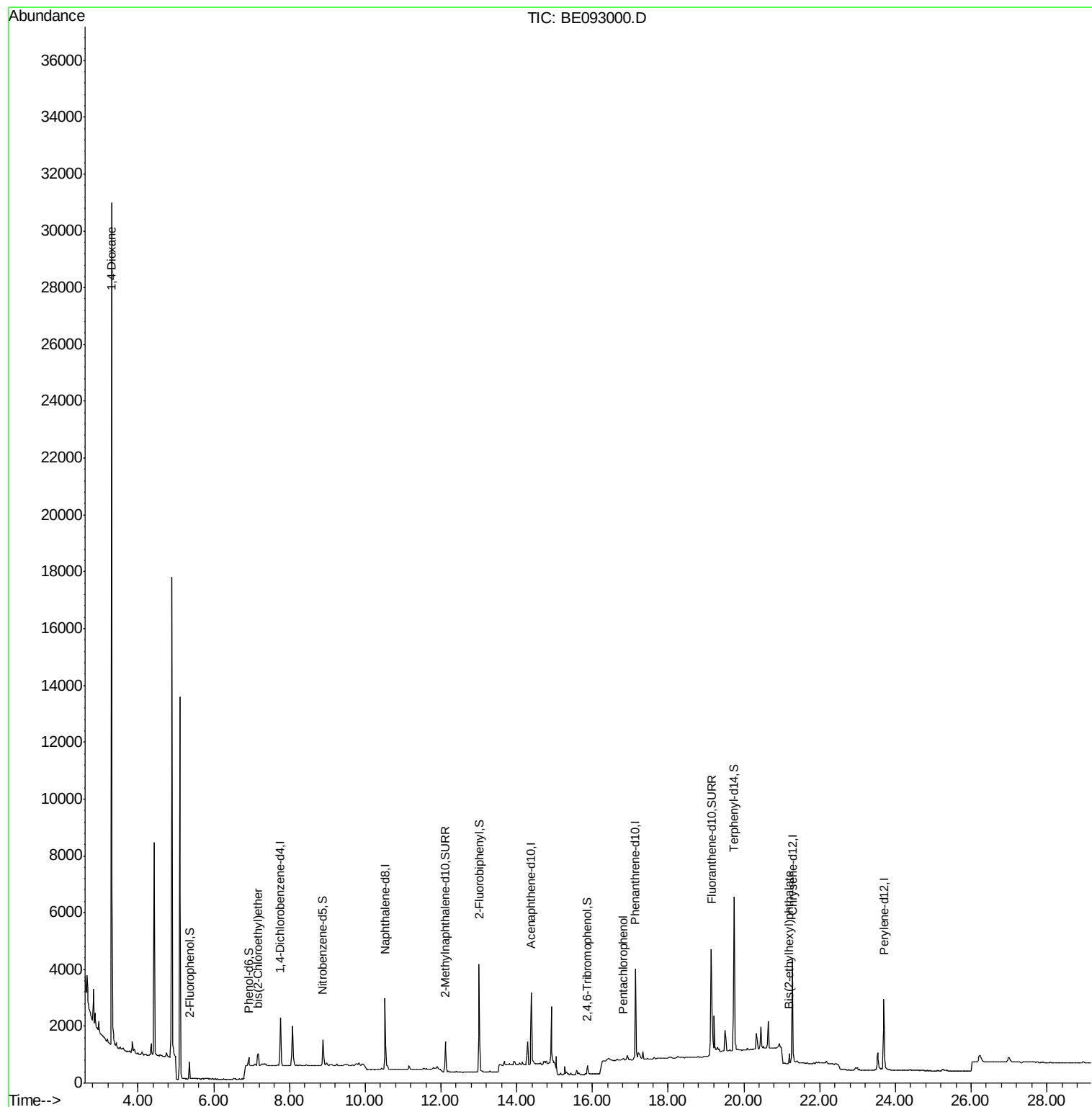
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	21336	12.60	ng	96
6) bis(2-Chloroethyl)ether	7.18	93	502	0.18	ng	# 96
21) Hexachlorobenzene	16.44	284	7	Below Cal	#	100
22) Pentachlorophenol	16.82	266	83	0.21	ng	92
23) Phenanthrene	17.19	178	110	Below Cal	#	41
32) Bis(2-ethylhexyl)phthalate	21.20	149	321	0.16	ng	# 93

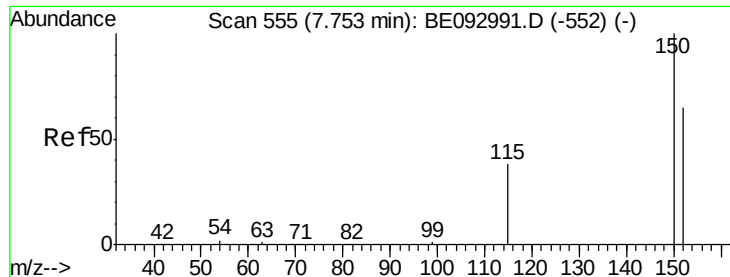
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE093000.D

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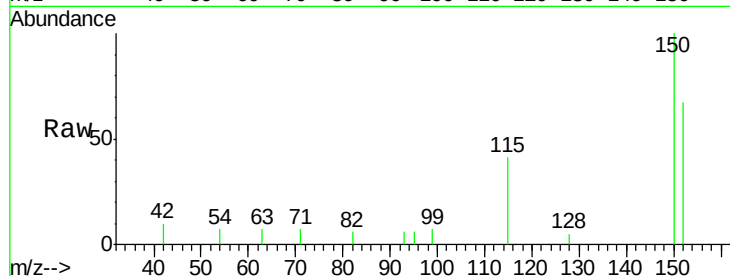
Tgt Ion: 152 Resp: 844

Ion Ratio Lower Upper

152 100

150 149.7 125.1 187.7

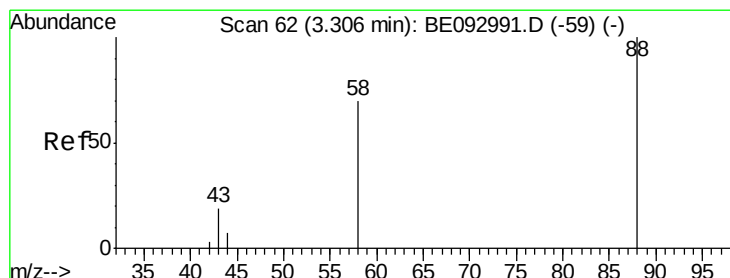
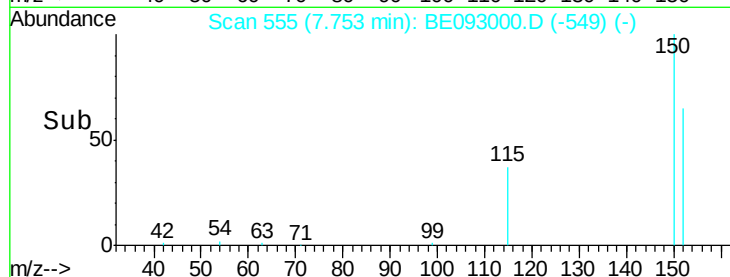
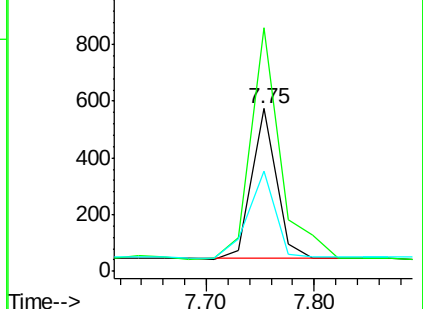
115 61.7 55.7 83.5



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: 12.60 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

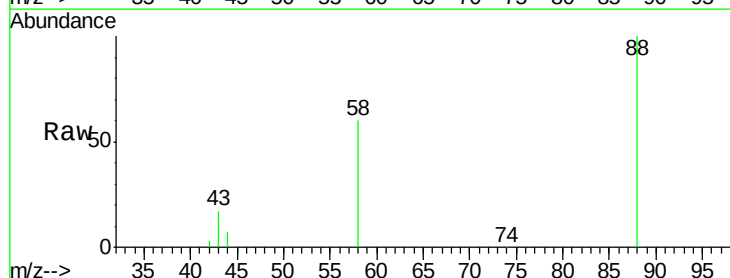
Tgt Ion: 88 Resp: 21336

Ion Ratio Lower Upper

88 100

58 80.7 62.2 93.4

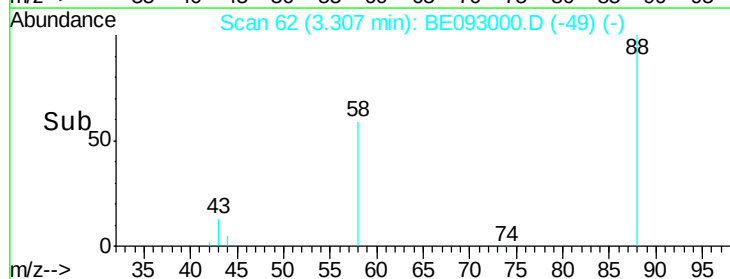
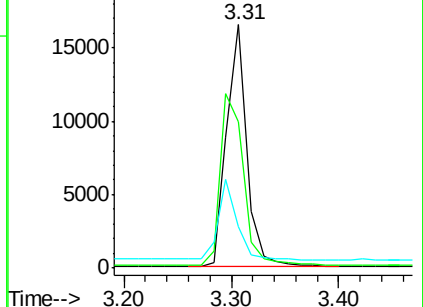
43 31.9 23.2 34.8

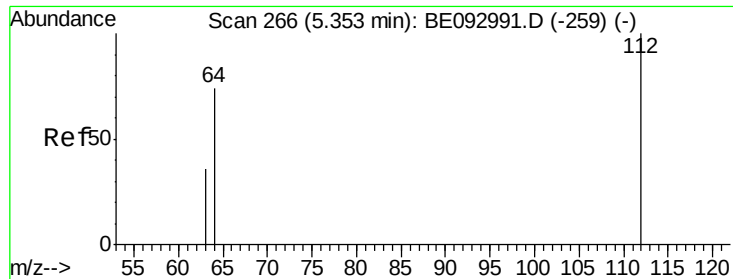


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.20 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

Instrument :

BNA_E

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LF001MW003-170508

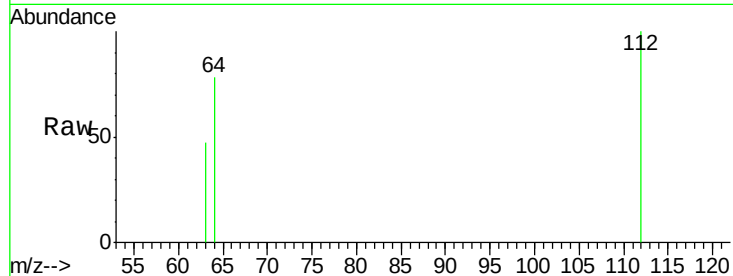
Tgt Ion: 112 Resp: 456

Ion Ratio Lower Upper

112 100

64 69.7 56.4 84.6

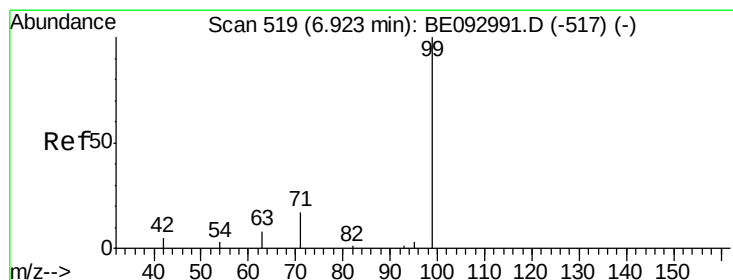
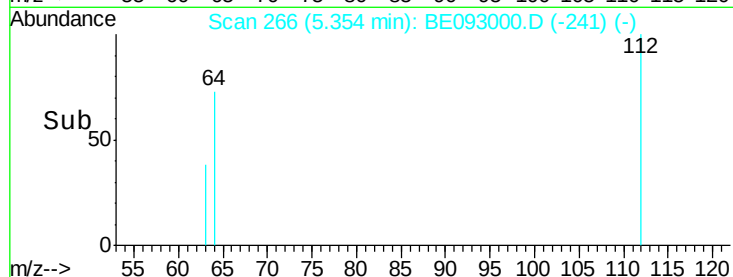
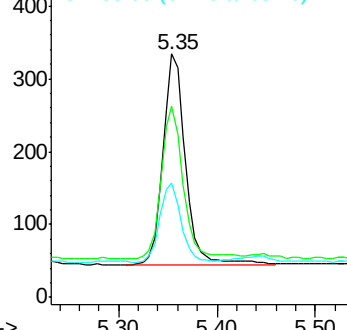
63 36.0 29.3 43.9



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: 0.15 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

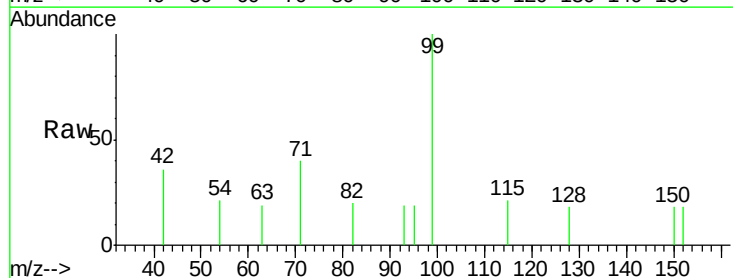
Tgt Ion: 99 Resp: 445

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

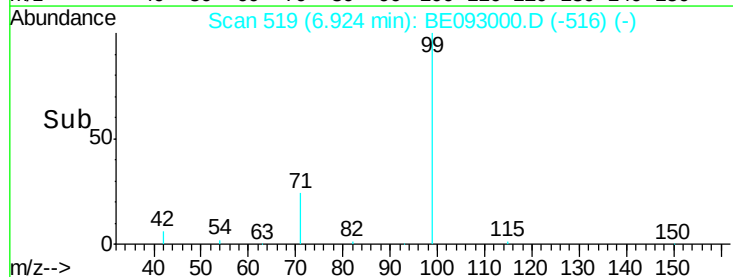
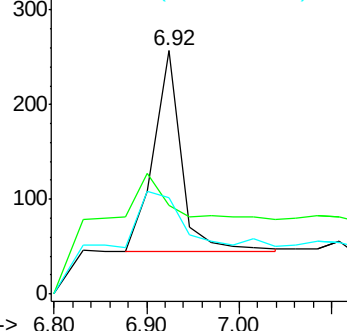
71 0.0 0.0 0.0

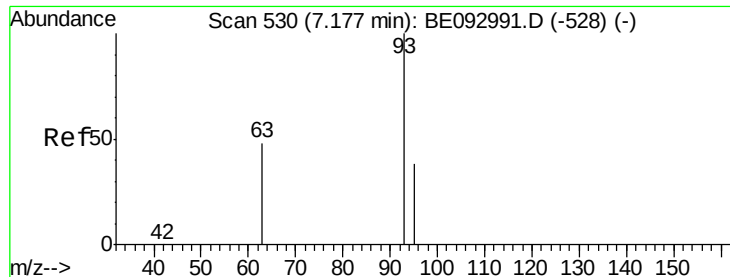


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.18 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.02 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

Instrument :

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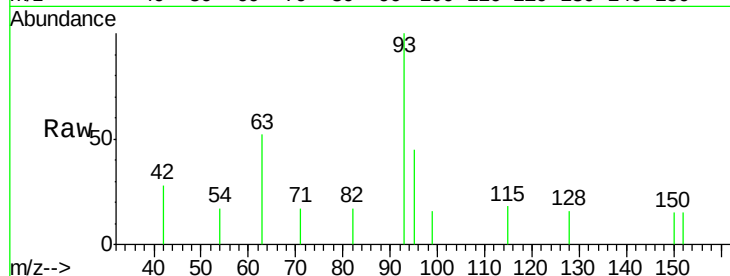
Tgt Ion: 93 Resp: 502

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

95 33.7 25.4 38.0

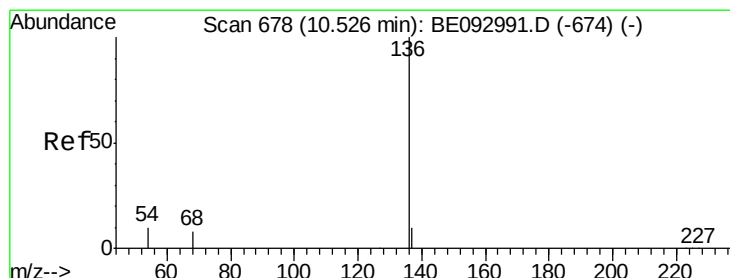
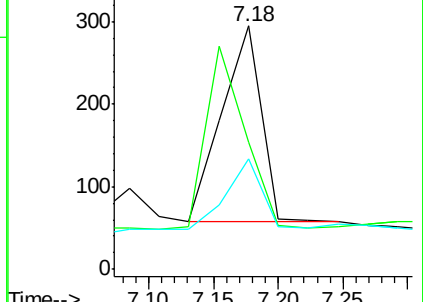
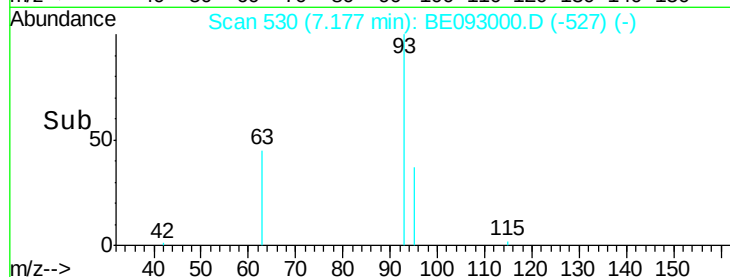


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

Tgt Ion: 136 Resp: 3383

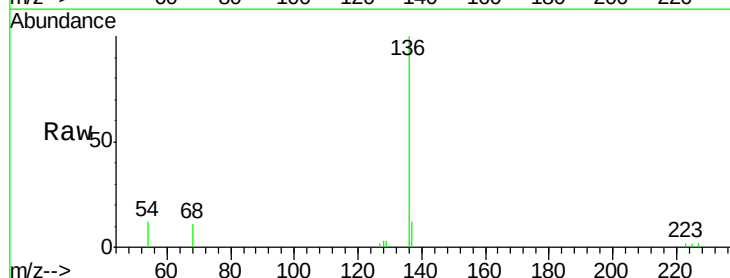
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 11.9 10.3 15.5

68 11.0 9.0 13.4



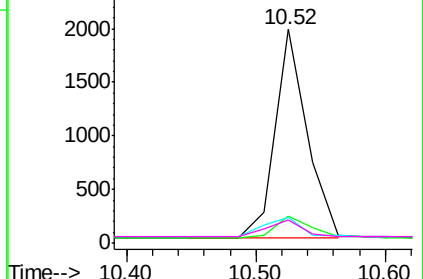
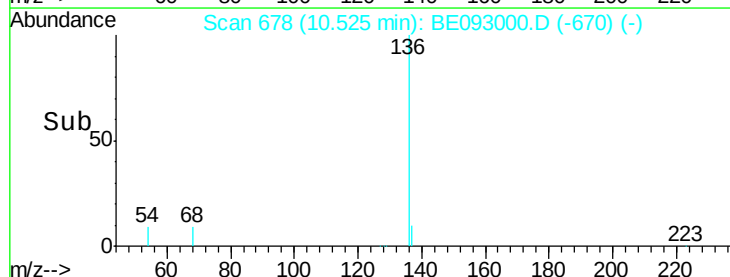
Abundance Ion 136.00 (135.70 to 136.70): E

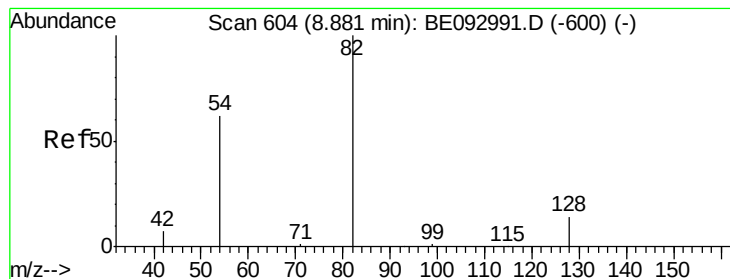
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.35 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

Instrument :

BNA_E

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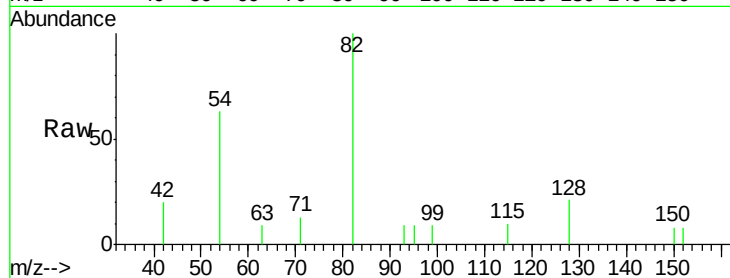
Tgt Ion: 82 Resp: 927

Ion Ratio Lower Upper

82 100

128 21.4 17.0 25.4

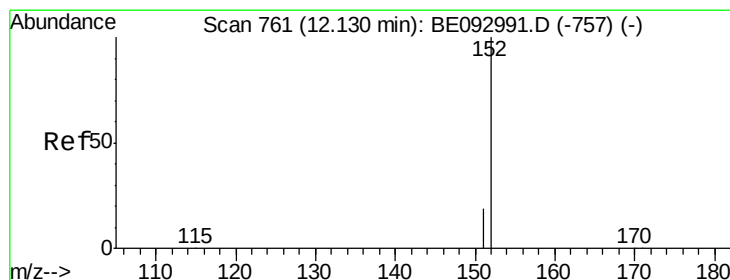
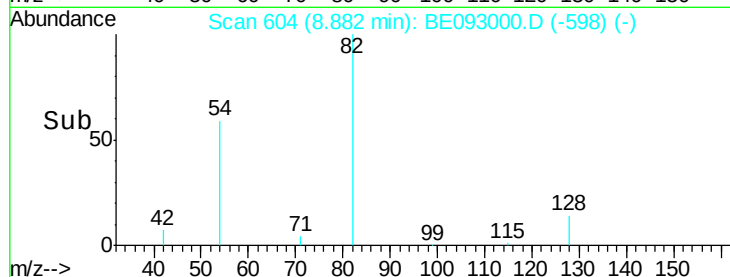
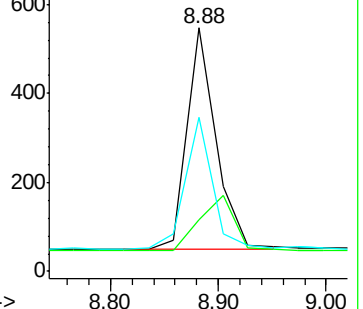
54 63.1 53.8 80.6



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: 0.39 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE093000.D

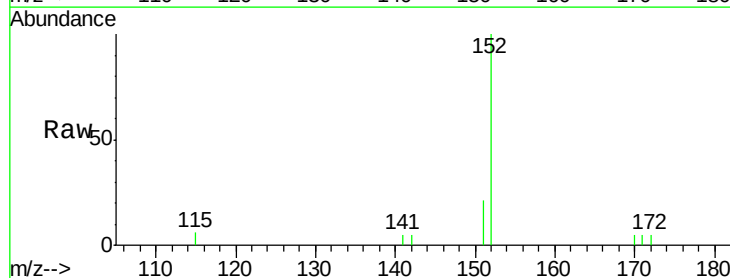
Acq: 11 May 2017 17:32

Tgt Ion: 152 Resp: 1867

Ion Ratio Lower Upper

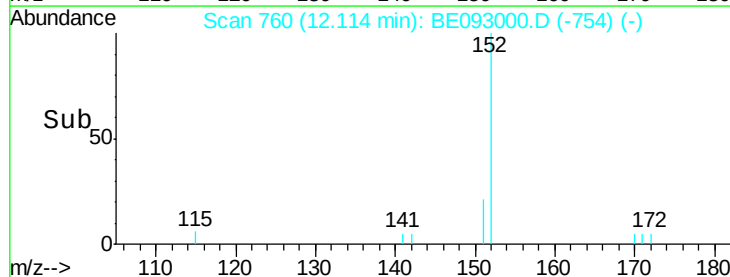
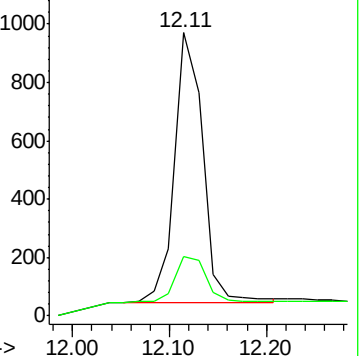
152 100

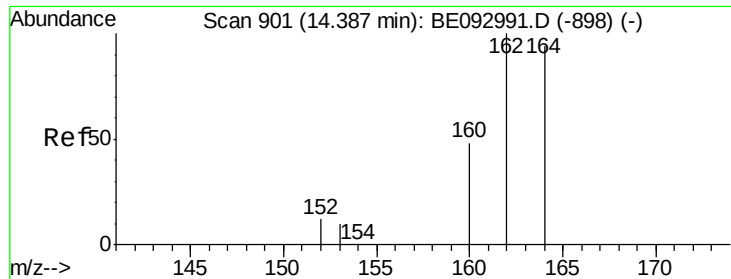
151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

Instrument :

BNA_E

ClientSampleId :

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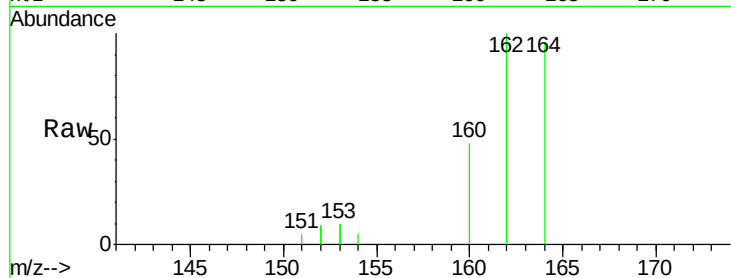
Tgt Ion:164 Resp: 1692

Ion Ratio Lower Upper

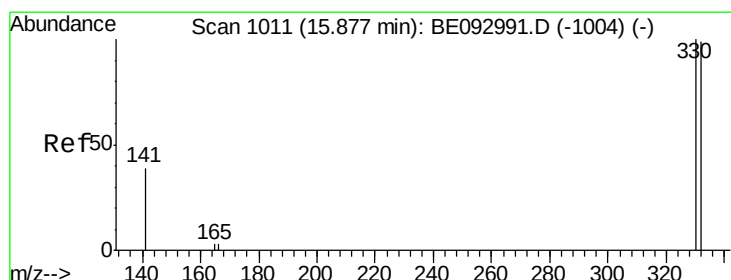
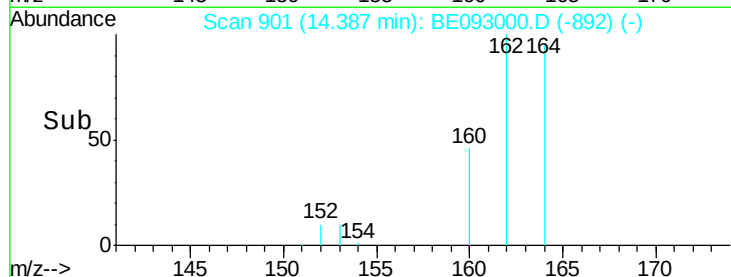
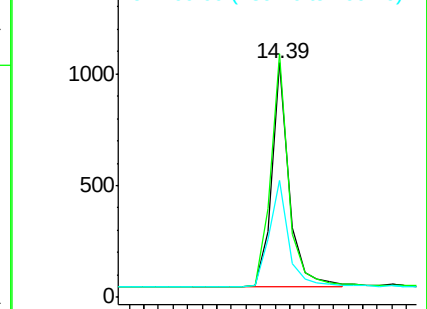
164 100

162 103.9 84.6 127.0

160 49.7 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 0.44 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

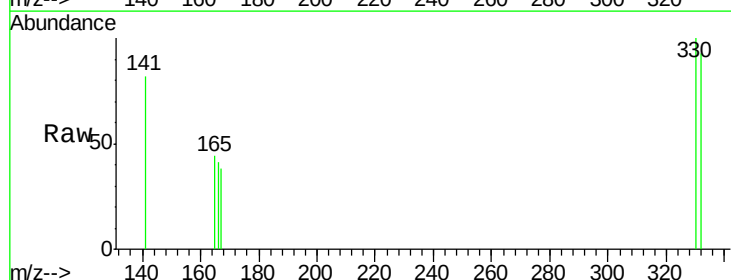
Tgt Ion:330 Resp: 202

Ion Ratio Lower Upper

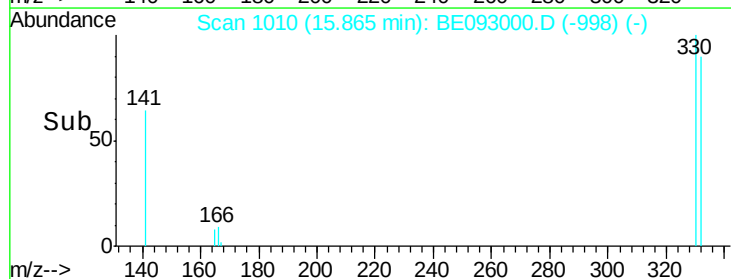
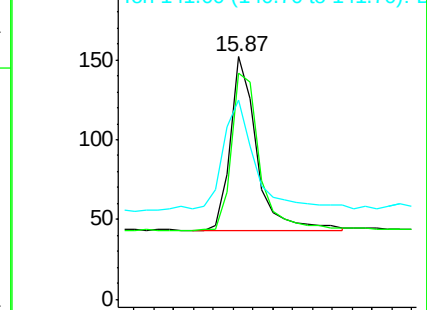
330 100

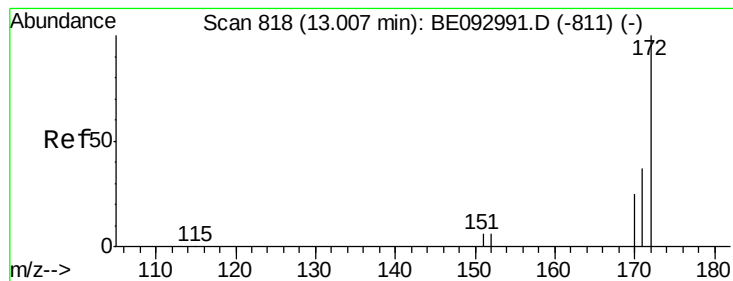
332 97.5 77.7 116.5

141 85.1 56.2 84.4#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.52 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

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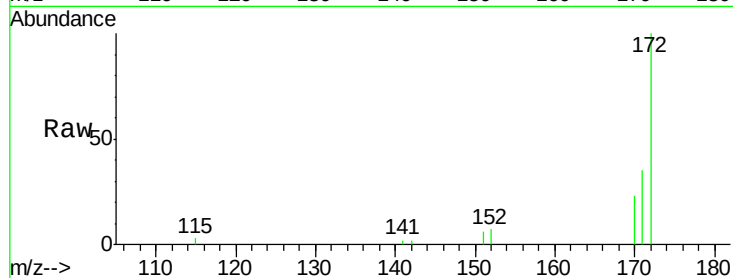
Tgt Ion:172 Resp: 3479

Ion Ratio Lower Upper

172 100

171 35.0 29.8 44.6

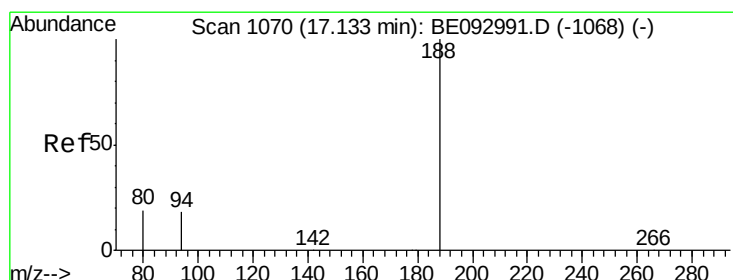
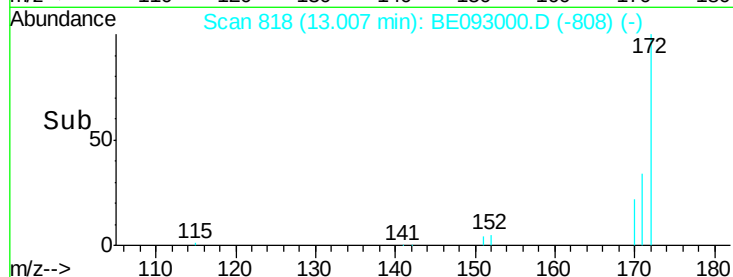
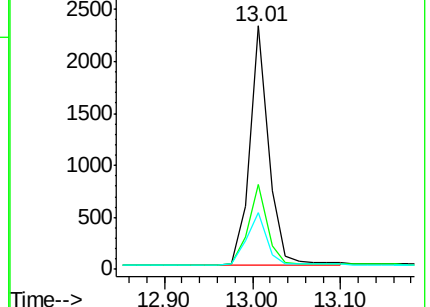
170 23.5 20.7 31.1



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# 1069

Delta R.T. -0.00 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

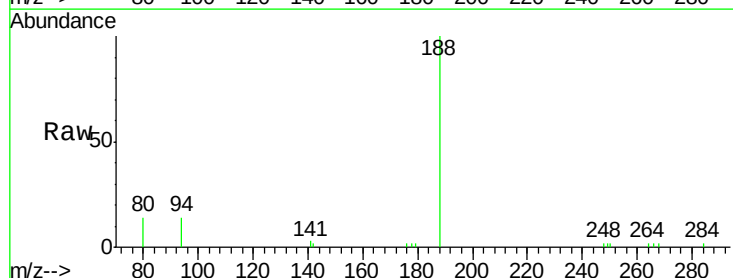
Tgt Ion:188 Resp: 4935

Ion Ratio Lower Upper

188 100

94 14.4 11.3 16.9

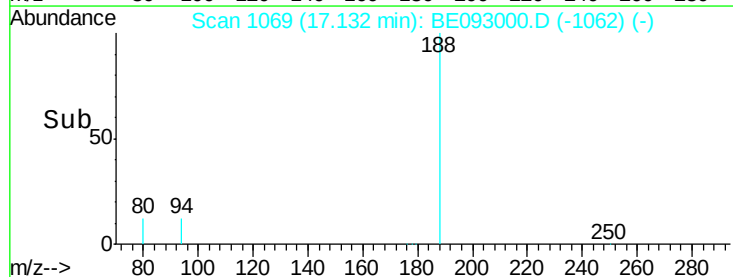
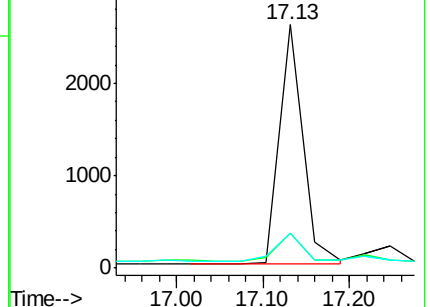
80 14.3 11.7 17.5

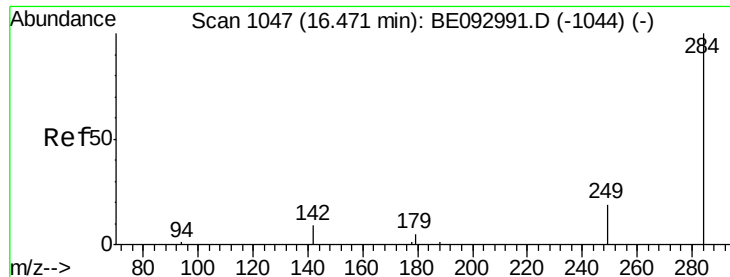


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.44 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

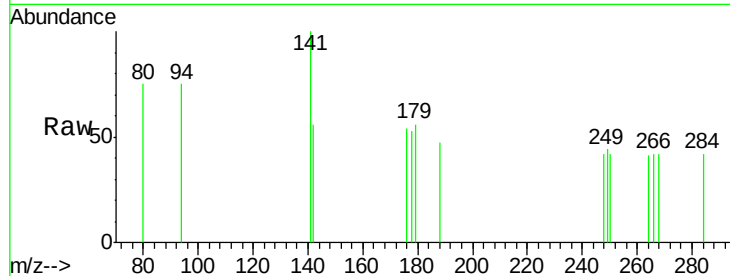
Instrument :

BNA_E

ClientSampleId :

LF001MW003-170508

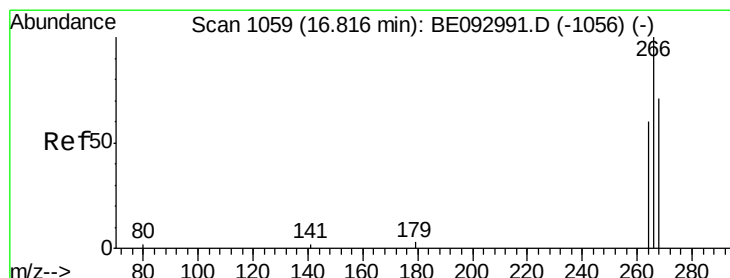
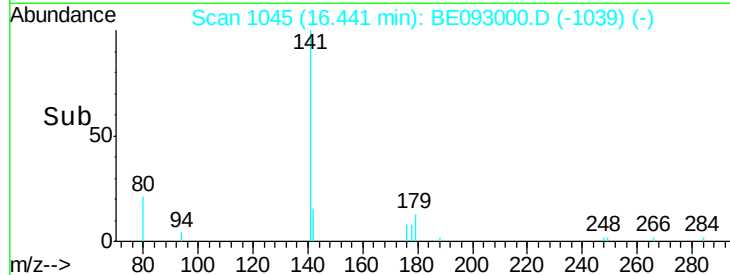
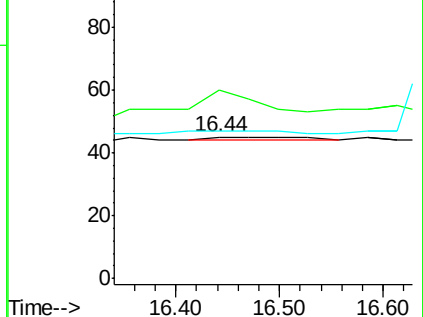
Tgt Ion:	284	Resp:	7
Ion	Ratio	Lower	Upper
284	100		
142	542.9	0.0	0.0#
249	0.0	0.0	0.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.21 ng

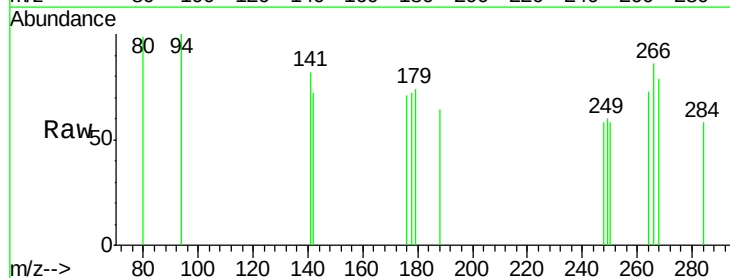
RT: 16.82 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE093000.D

Acq: 11 May 2017 17:32

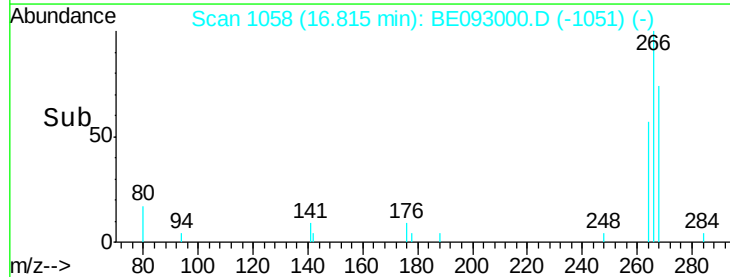
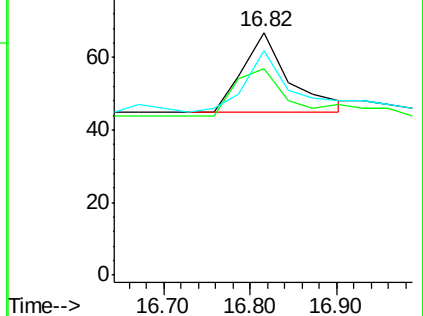
Tgt Ion:	266	Resp:	83
Ion	Ratio	Lower	Upper
266	100		
264	85.1	58.2	87.2
268	92.5	71.9	107.9

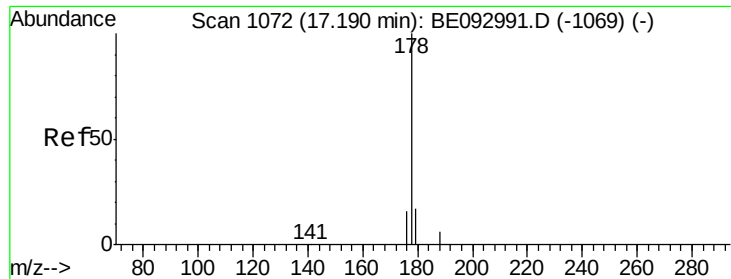


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 17.19 min Scan# 1071

Delta R.T. 0.01 min

Lab File: BE093000.D

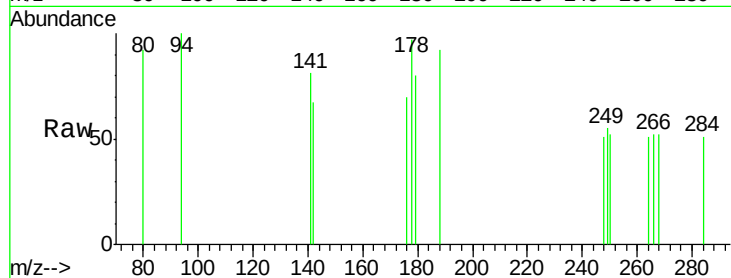
Acq: 11 May 2017 17:32

Instrument :

BNA_E

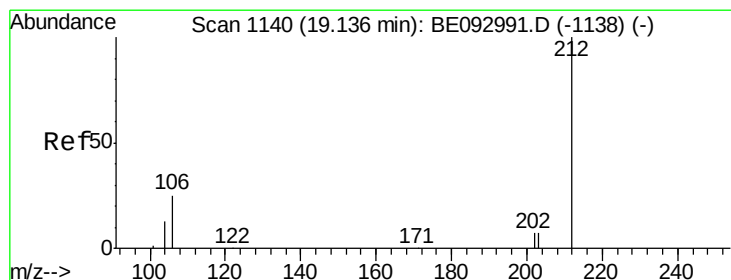
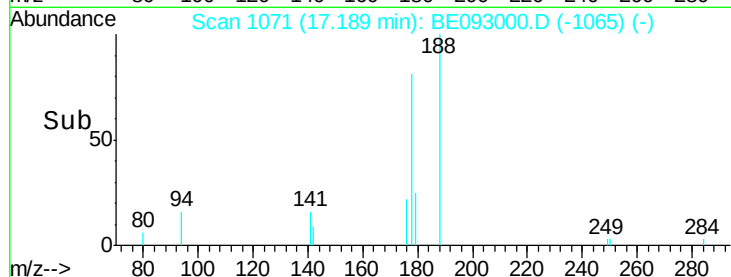
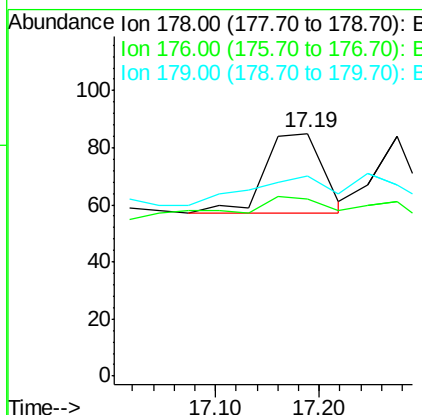
ClientSampleId :

LF001MW003-170508



Tgt Ion:178 Resp: 110

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	49.1	12.7	19.1#



#25

Fluoranthene-d10

Concen: 0.38 ng

RT: 19.14 min Scan# 1139

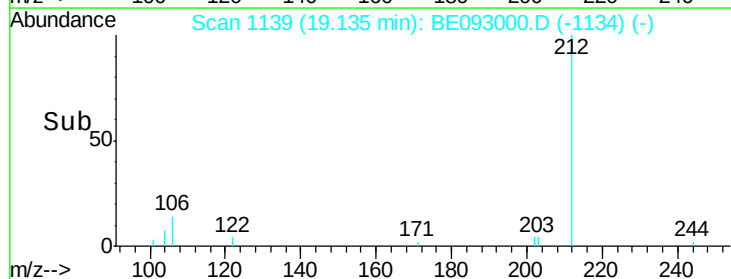
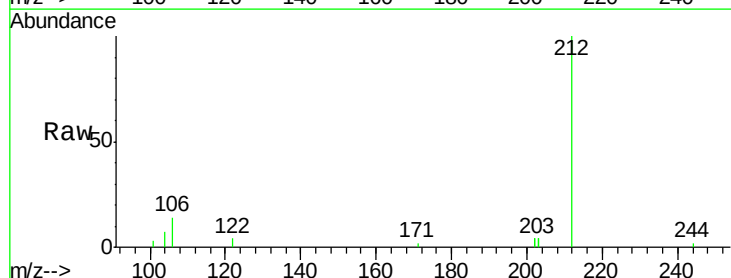
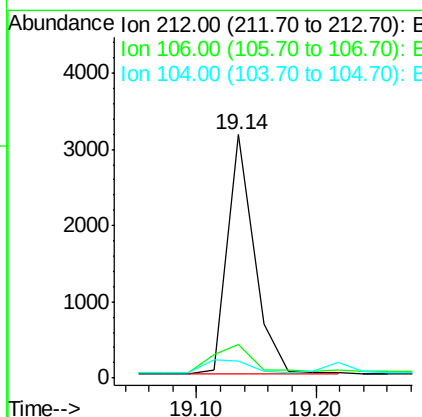
Delta R.T. -0.02 min

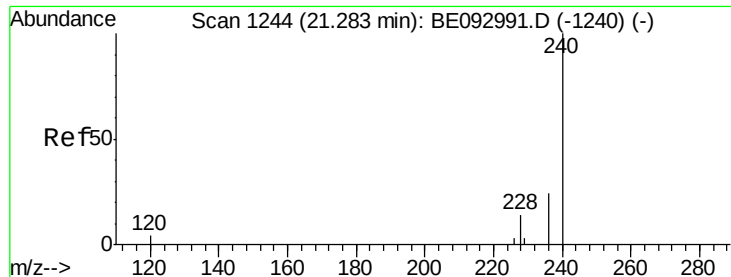
Lab File: BE093000.D

Acq: 11 May 2017 17:32

Tgt Ion:212 Resp: 4916

Ion	Ratio	Lower	Upper
212	100		
106	16.8	0.0	0.0#
104	0.0	0.0	0.0

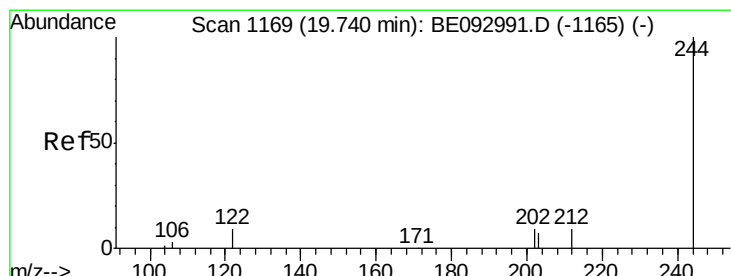
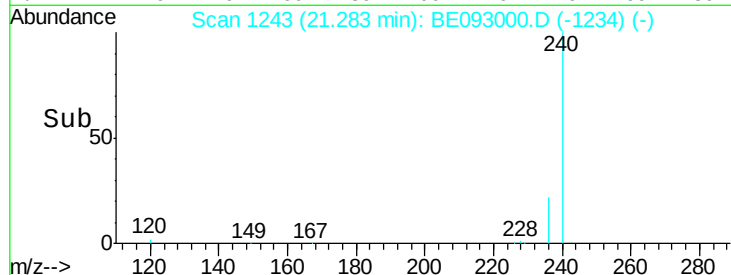
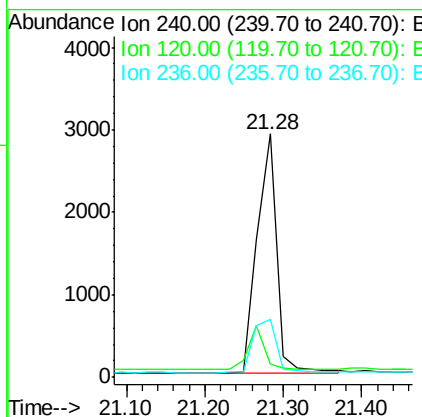
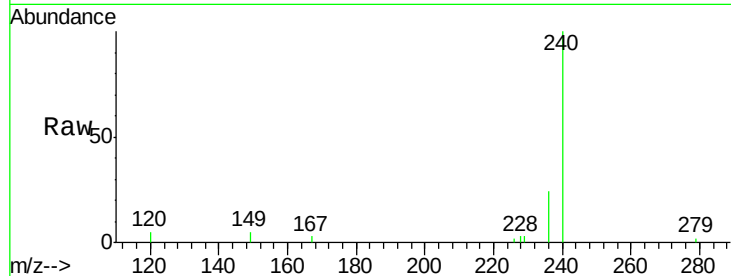




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE093000.D
 Acq: 11 May 2017 17:32

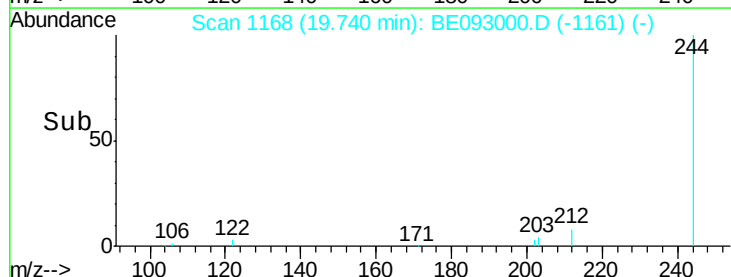
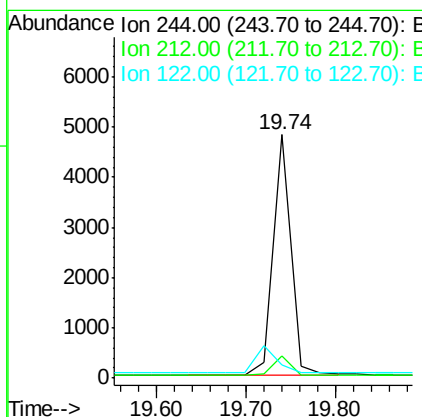
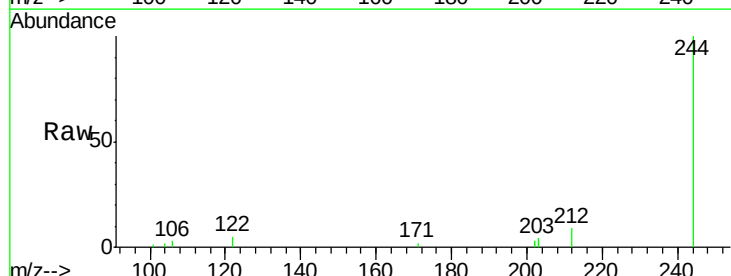
Instrument :
 BNA_E
 ClientSampleId :
 LF001MW003-170508

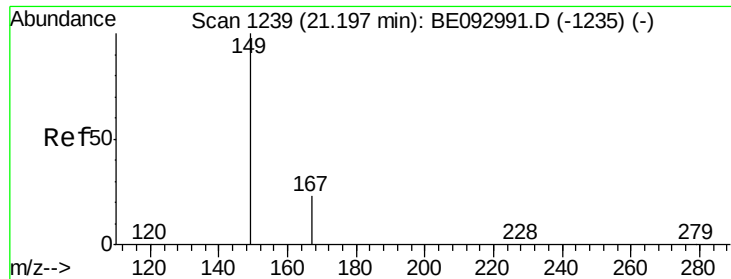
Tgt Ion:240 Resp: 5070
 Ion Ratio Lower Upper
 240 100
 120 5.4 4.6 7.0
 236 23.8 20.8 31.2



#29
 Terphenyl-d14
 Concen: 0.74 ng
 RT: 19.74 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BE093000.D
 Acq: 11 May 2017 17:32

Tgt Ion:244 Resp: 6697
 Ion Ratio Lower Upper
 244 100
 212 9.0 10.6 16.0#
 122 5.2 15.4 23.0#

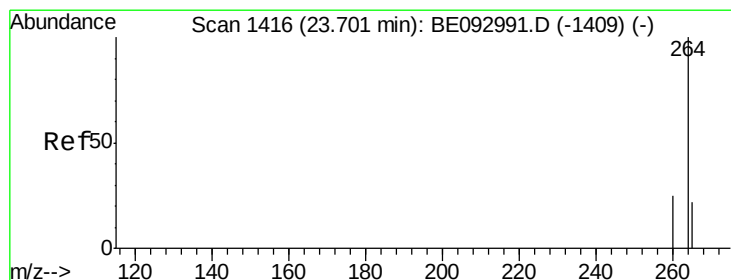
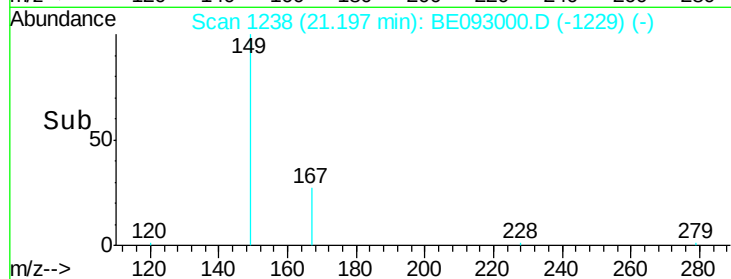
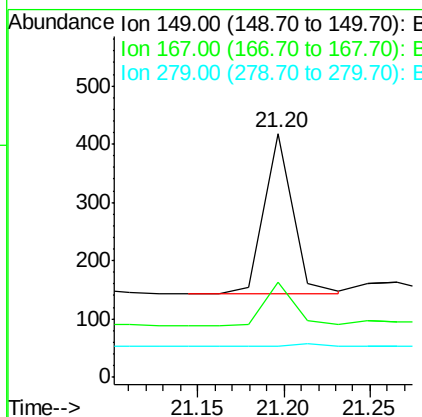
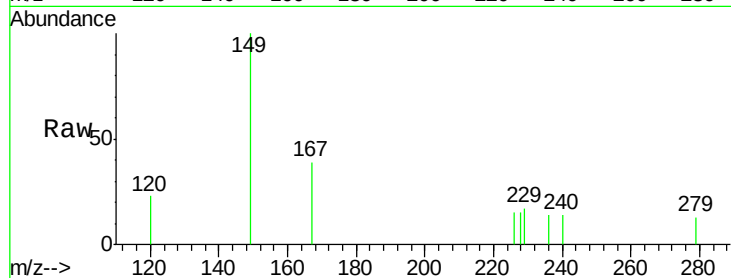




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.16 ng
 RT: 21.20 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BE093000.D
 Acq: 11 May 2017 17:32

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW003-170508

Tgt Ion:149 Resp: 321
 Ion Ratio Lower Upper
 149 100
 167 28.7 20.1 30.1
 279 3.4 2.2 3.4#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BE093000.D
 Acq: 11 May 2017 17:32

Tgt Ion:264 Resp: 4137
 Ion Ratio Lower Upper
 264 100
 260 28.1 21.0 31.4
 265 27.4 24.6 36.8

