

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
 Data File : BE093001.D
 Acq On : 11 May 2017 18:08
 Operator : SJ/MA
 Sample : I3058-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0398-170508

Quant Time: May 11 18:57:26 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

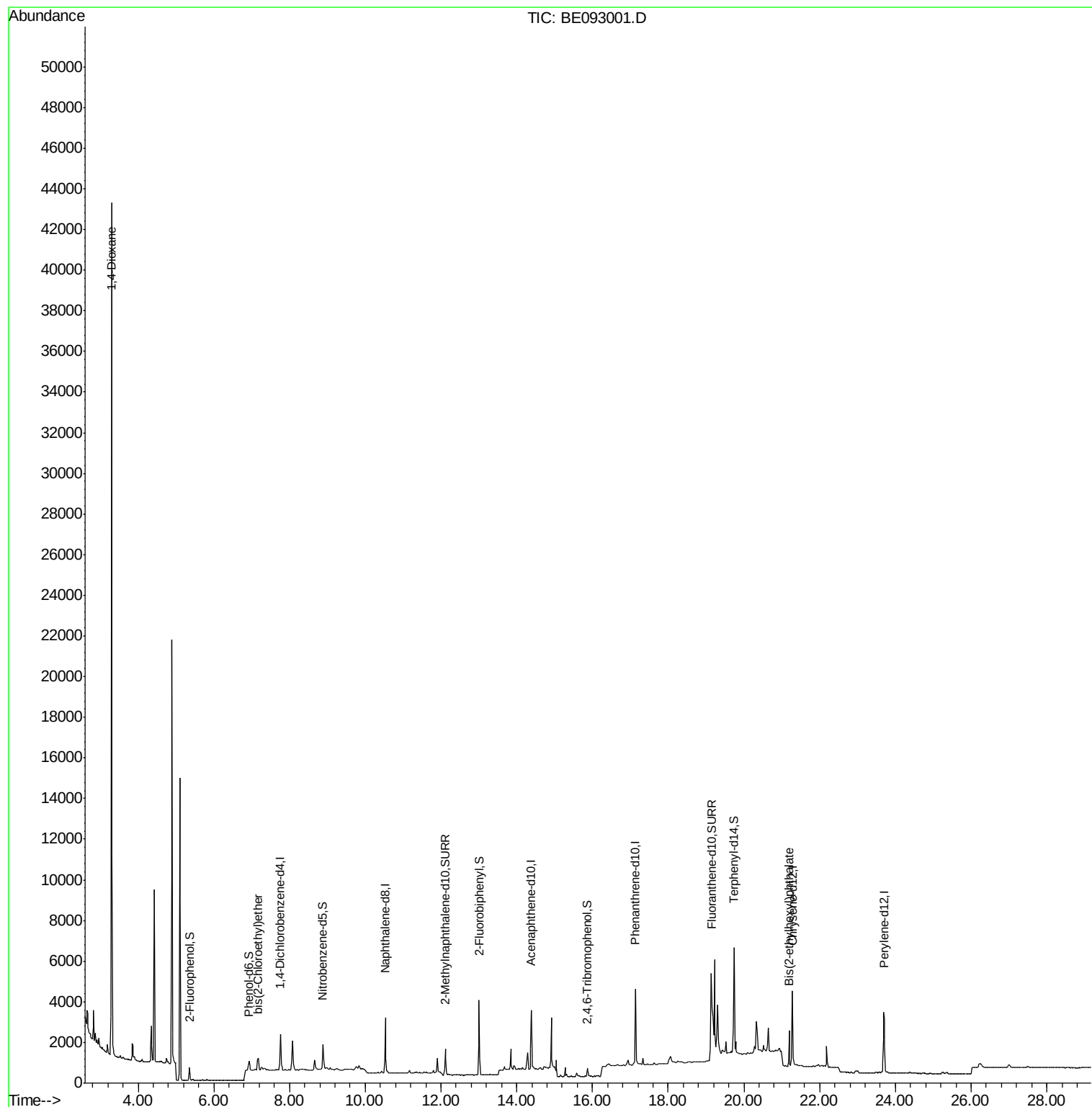
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	876	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	3586	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1846	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5774	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5711	0.40	ng	0.00
34) Perylene-d12	23.69	264	4780	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	488	0.20	ng	0.00
5) Phenol-d6	6.92	99	520	0.17	ng	-0.02
8) Nitrobenzene-d5	8.88	82	1129	0.40	ng	-0.02
11) 2-Methylnaphthalene-d10	12.12	152	1967	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.87	330	259	0.52	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	3382	0.46	ng	0.00
25) Fluoranthene-d10	19.14	212	5378	0.35	ng	-0.02
29) Terphenyl-d14	19.74	244	6514	0.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	25566	14.55	ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.18	93	695	0.24	ng	# 100
32) Bis(2-ethylhexyl)phthalate	21.20	149	1734	0.35	ng	94

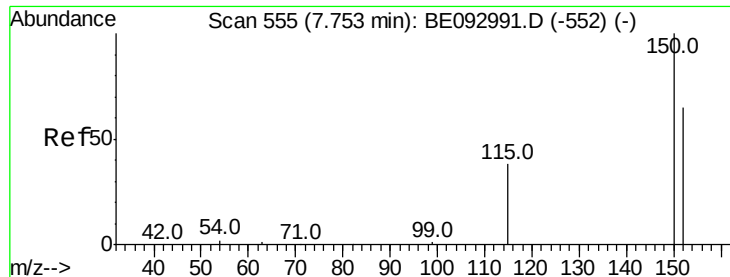
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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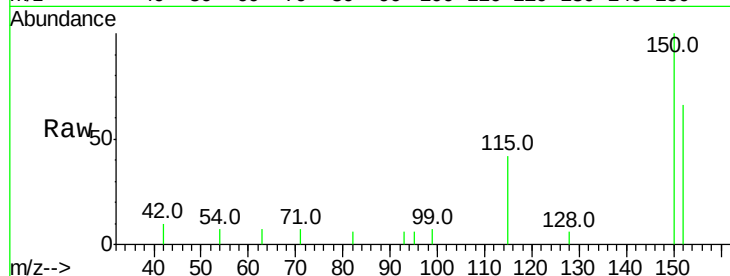
Tot Ion:152 Resp: 876

Ion Ratio Lower Upper

152 100

150 151.8 125.1 187.7

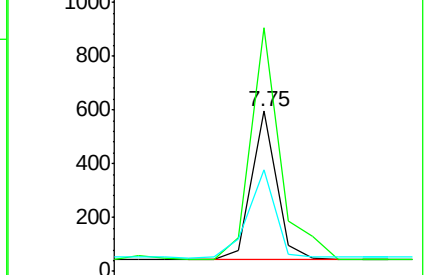
115 63.4 55.7 83.5



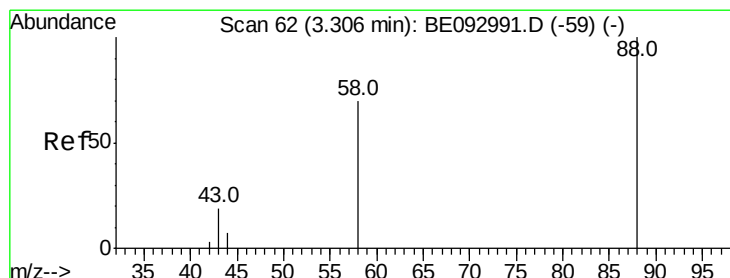
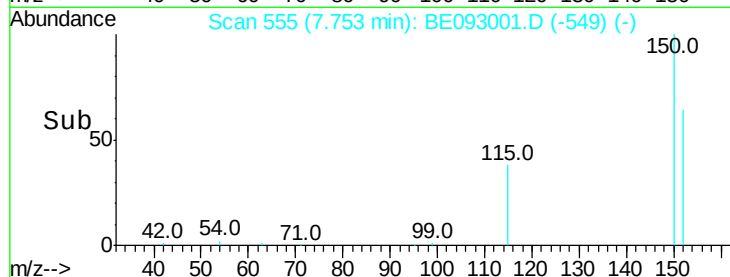
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 14.55 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093001.D

Acq: 11 May 2017 18:08

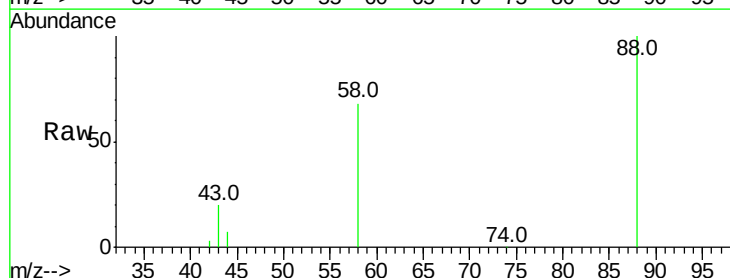
Tgt Ion: 88 Resp: 25566

Ion Ratio Lower Upper

88 100

58 80.8 62.2 93.4

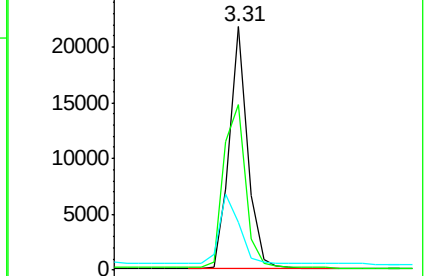
43 32.1 23.2 34.8



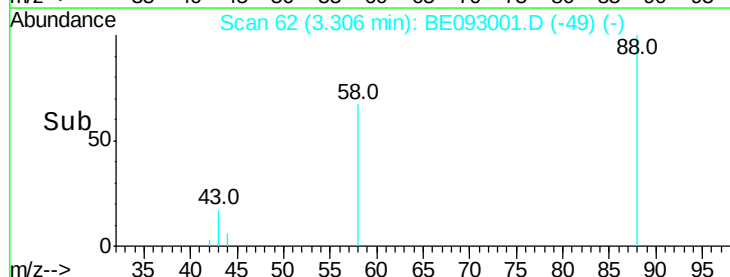
Abundance Ion 88.00 (87.70 to 88.70): BE0

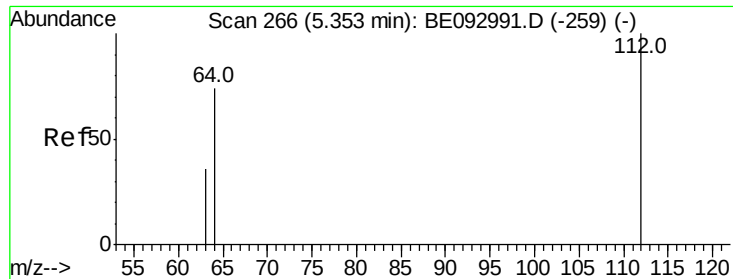
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.20 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE093001.D

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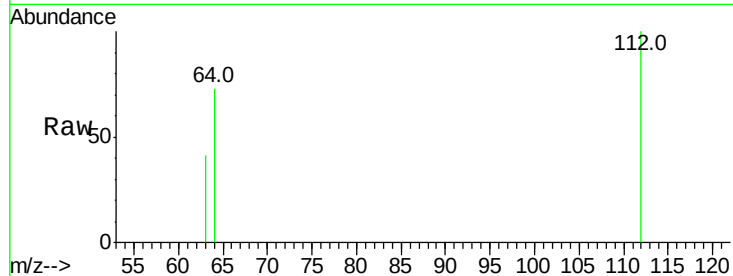
Tot Ion:112 Resp: 488

Ion Ratio Lower Upper

112 100

64 68.6 56.4 84.6

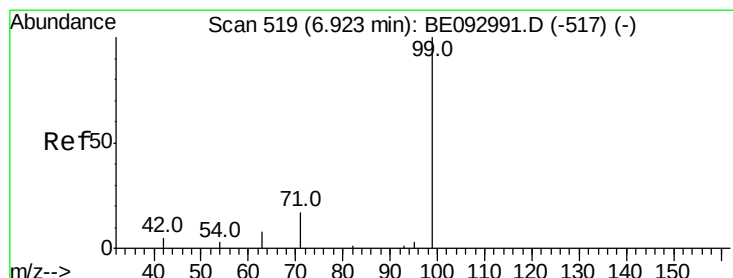
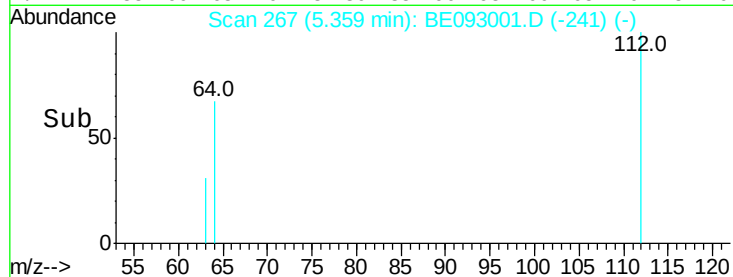
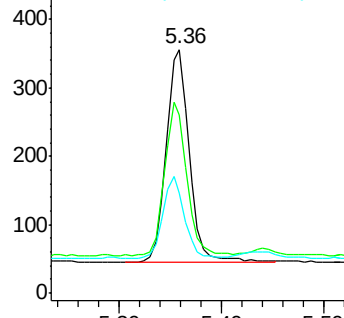
63 36.7 29.3 43.9



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: 0.17 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE093001.D

Acq: 11 May 2017 18:08

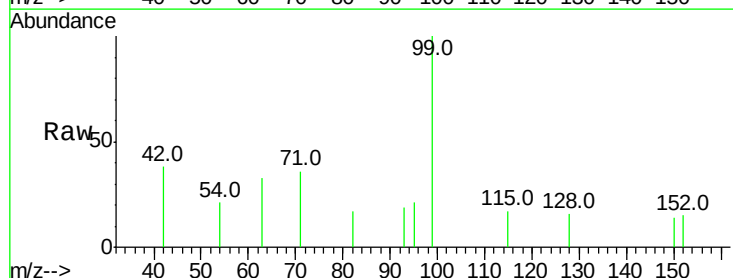
Tgt Ion: 99 Resp: 520

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

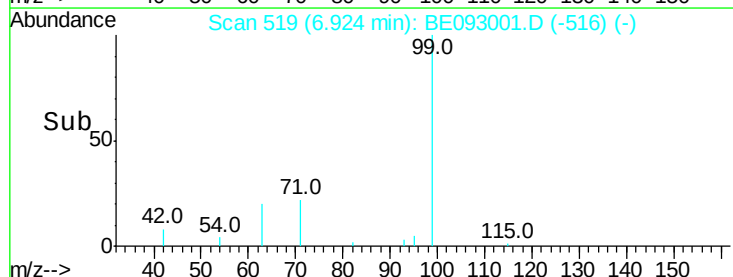
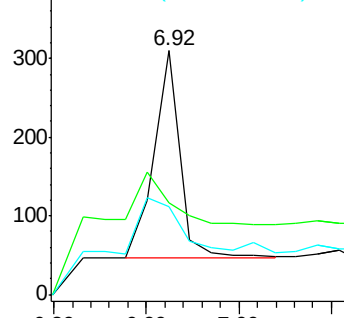
71 0.0 0.0 0.0

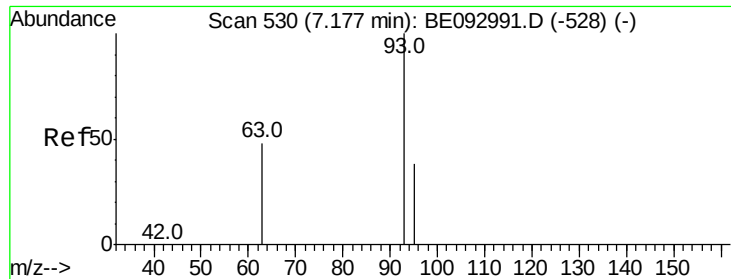


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.24 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.02 min

Lab File: BE093001.D

Acq: 11 May 2017 18:08

Instrument :

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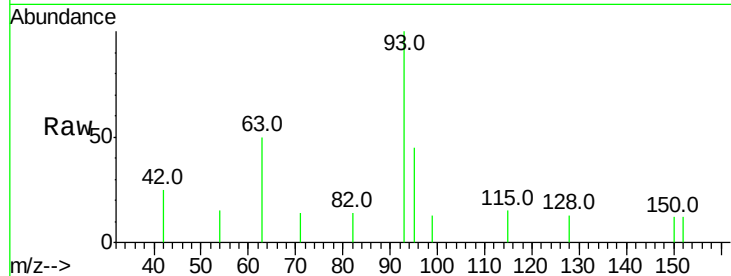
Tot Ion: 93 Resp: 695

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

95 31.8 25.4 38.0

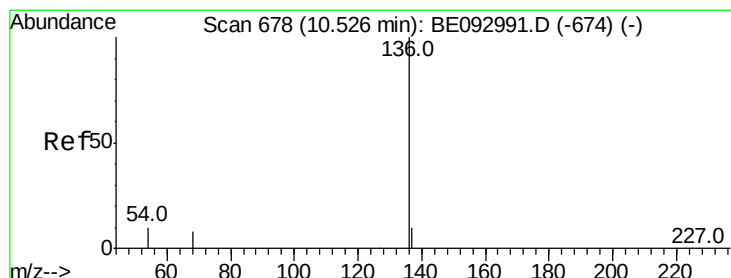
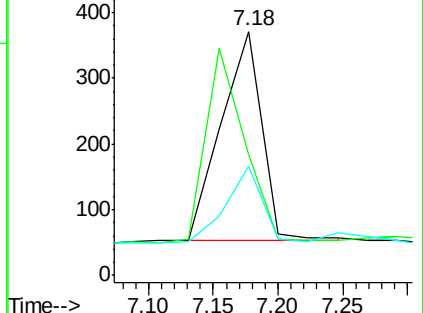
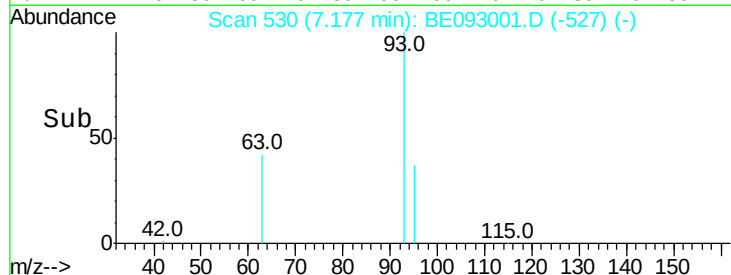


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093001.D

Acq: 11 May 2017 18:08

Tgt Ion: 136 Resp: 3586

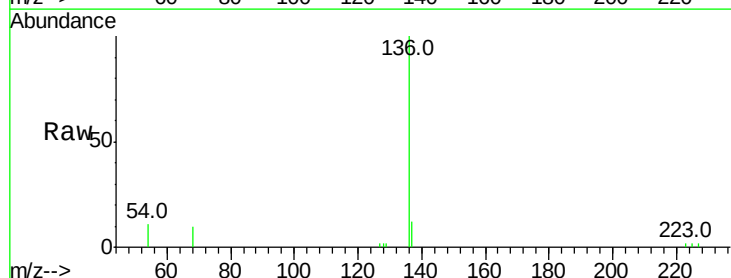
Ion Ratio Lower Upper

136 100

137 12.4 9.8 14.8

54 11.0 10.3 15.5

68 10.3 9.0 13.4



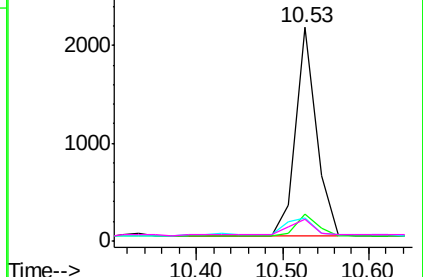
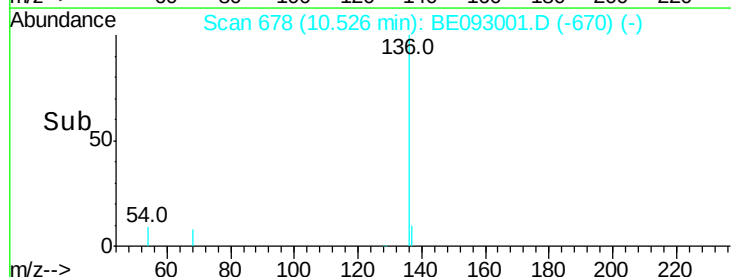
Abundance Ion 136.00 (135.70 to 136.70): E

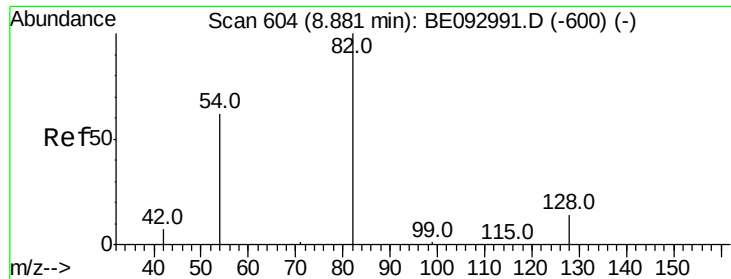
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.40 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093001.D

Acq: 11 May 2017 18:08

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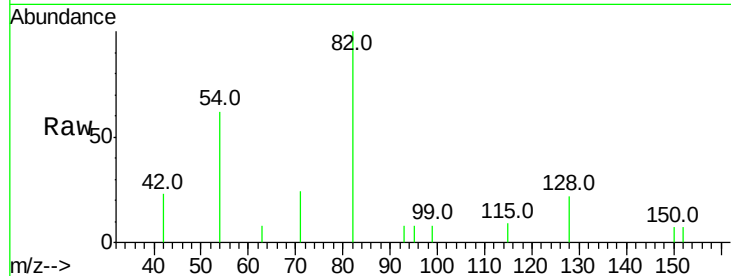
Tot Ion: 82 Resp: 1129

Ion Ratio Lower Upper

82 100

128 21.7 17.0 25.4

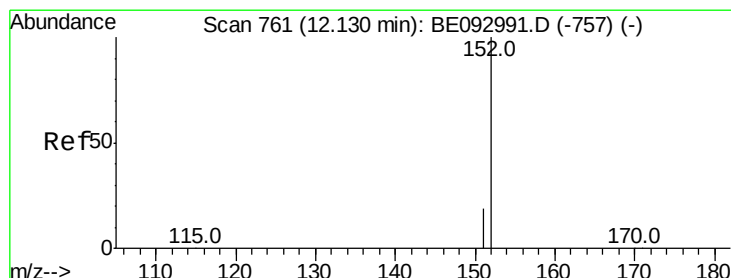
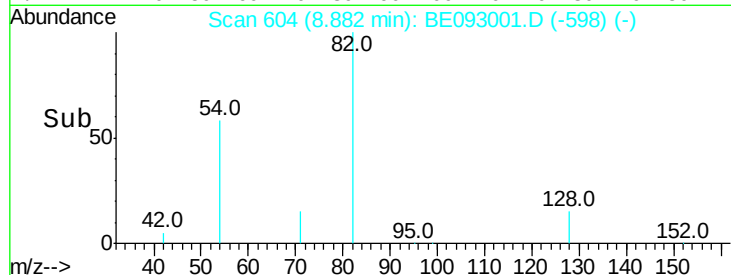
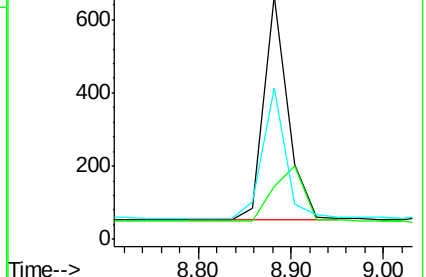
54 62.3 53.8 80.6



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: 12.12 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE093001.D

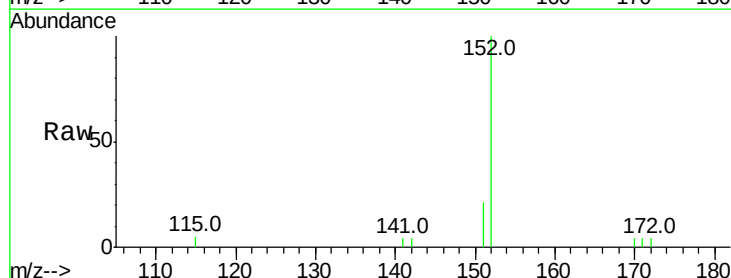
Acq: 11 May 2017 18:08

Tgt Ion: 152 Resp: 1967

Ion Ratio Lower Upper

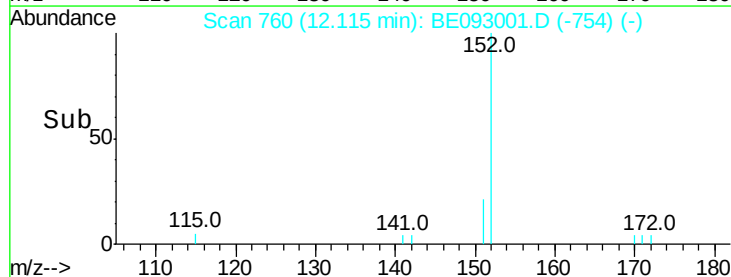
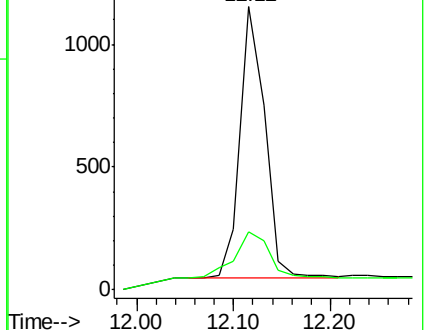
152 100

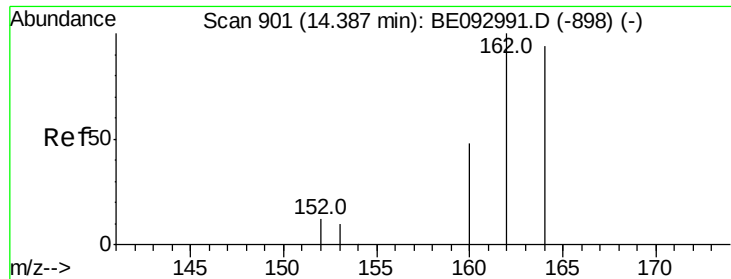
151 24.0 15.1 22.7#



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: BE093001.D

Acq: 11 May 2017 18:08

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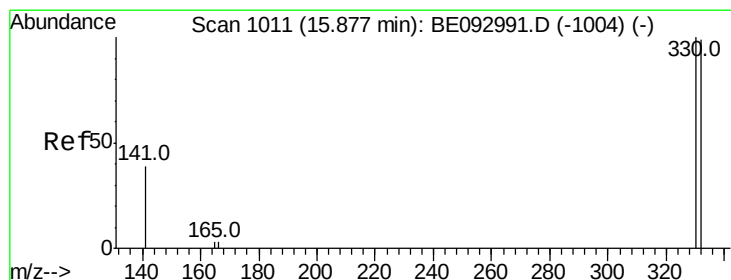
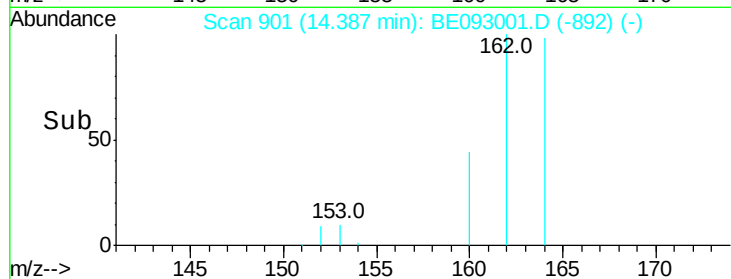
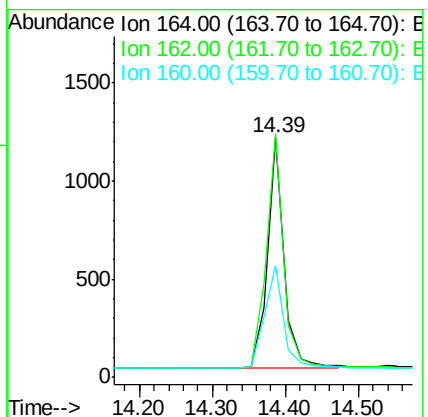
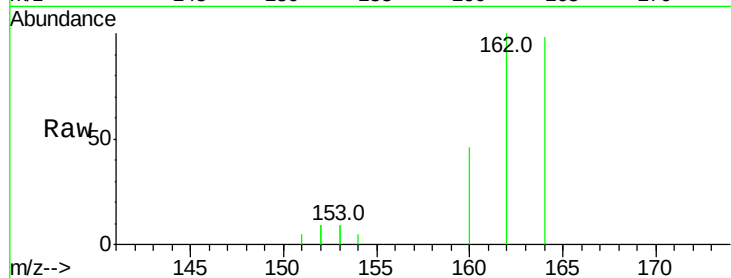
Tot Ion:164 Resp: 1846

Ion Ratio Lower Upper

164 100

162 101.6 84.6 127.0

160 46.6 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.52 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE093001.D

Acq: 11 May 2017 18:08

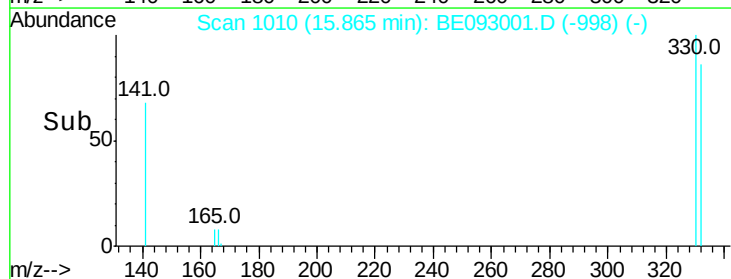
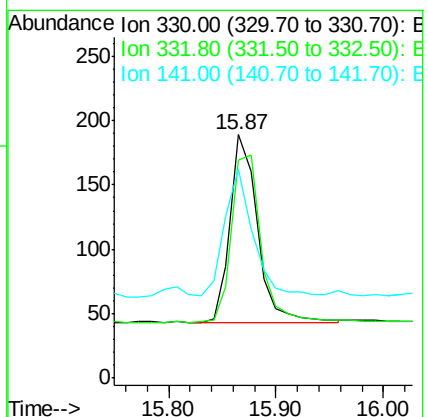
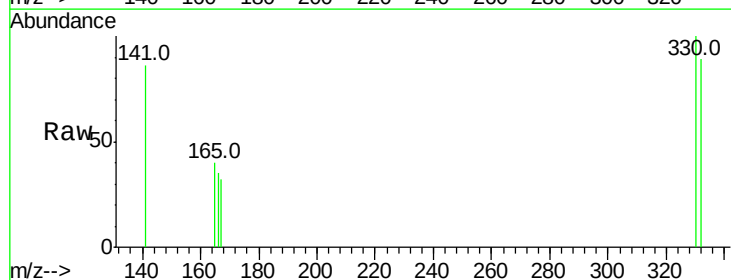
Tgt Ion:330 Resp: 259

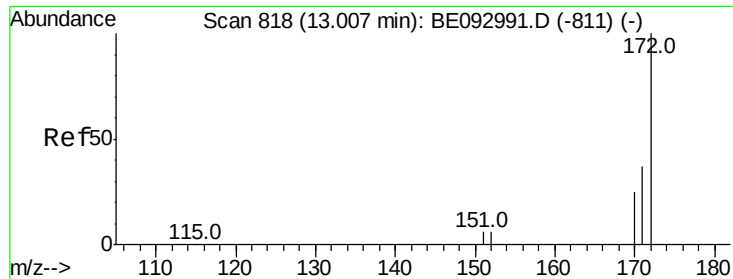
Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 68.7 56.2 84.4

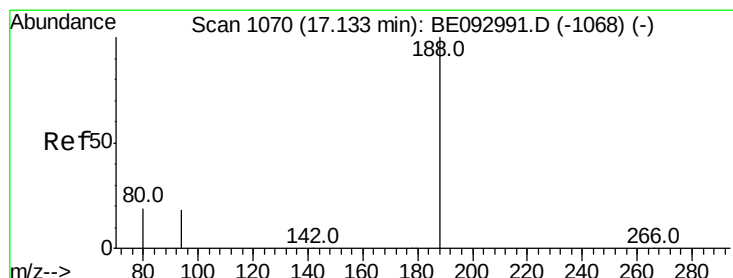
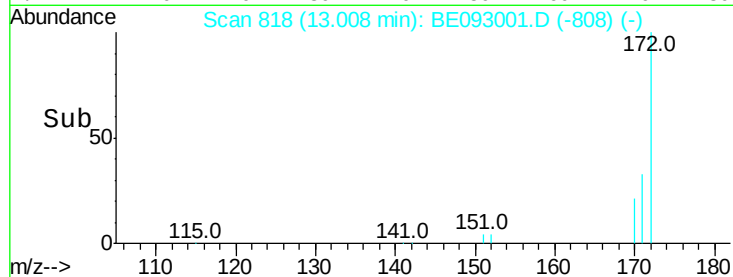
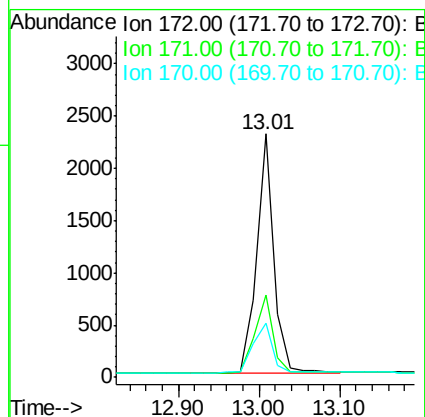
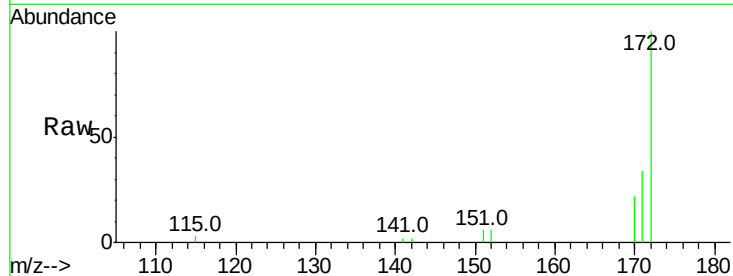




#15
2-Fluorobiphenyl
Concen: 0.46 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093001.D
Acq: 11 May 2017 18:08

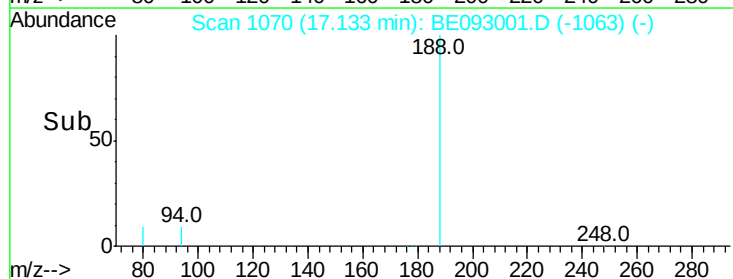
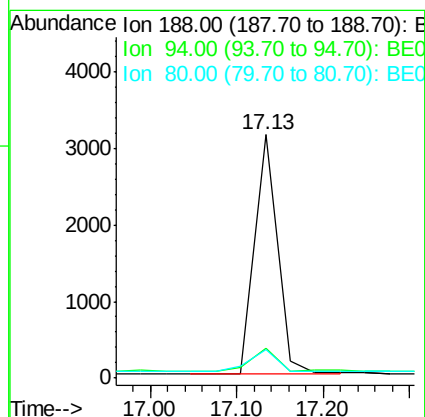
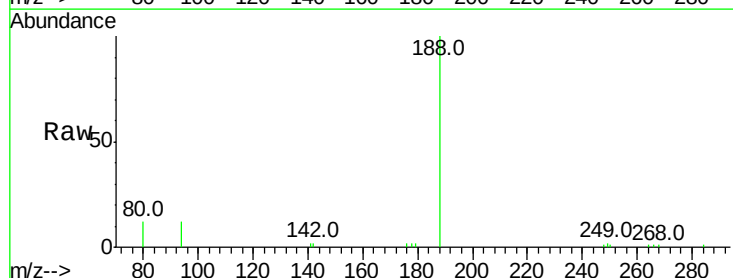
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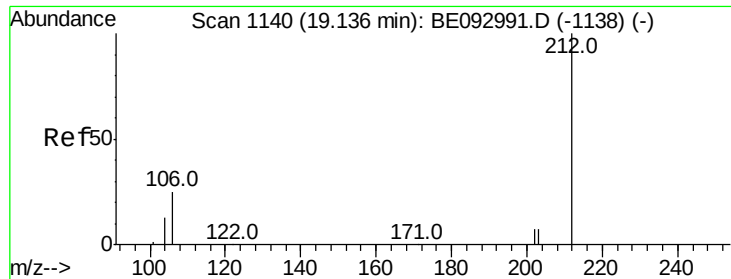
Tot Ion:172 Resp: 3382
Ion Ratio Lower Upper
172 100
171 34.0 29.8 44.6
170 22.3 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE093001.D
Acq: 11 May 2017 18:08

Tgt Ion:188 Resp: 5774
Ion Ratio Lower Upper
188 100
94 12.1 11.3 16.9
80 11.9 11.7 17.5

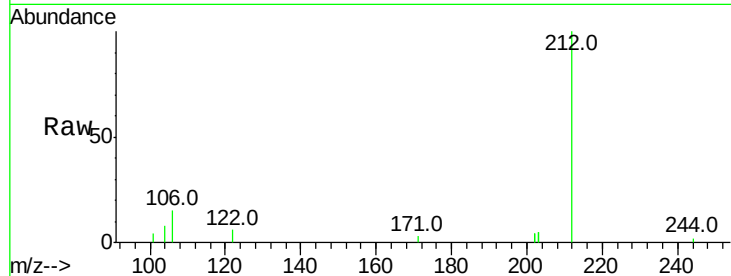




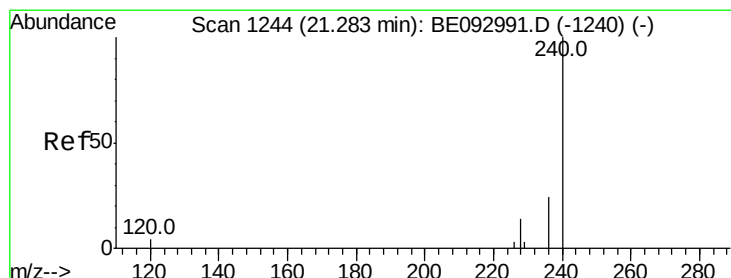
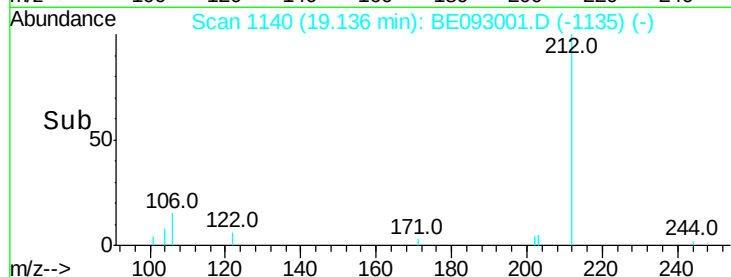
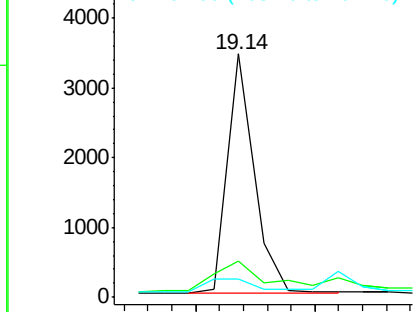
#25
 Fluoranthene-d10
 Concen: 0.35 ng
 RT: 19.14 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BE093001.D
 Acq: 11 May 2017 18:08

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0398-170508

Tot Ion:212 Resp: 5378
 Ion Ratio Lower Upper
 212 100
 106 24.1 0.0 0.0#
 104 11.5 0.0 0.0#

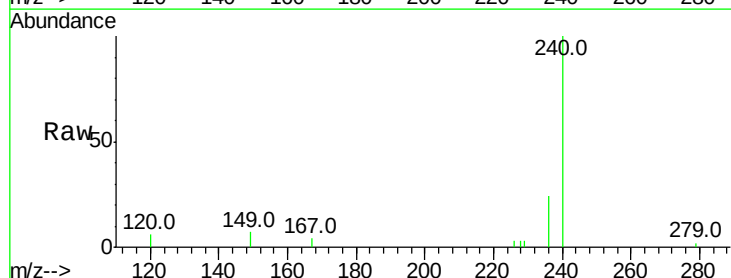


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

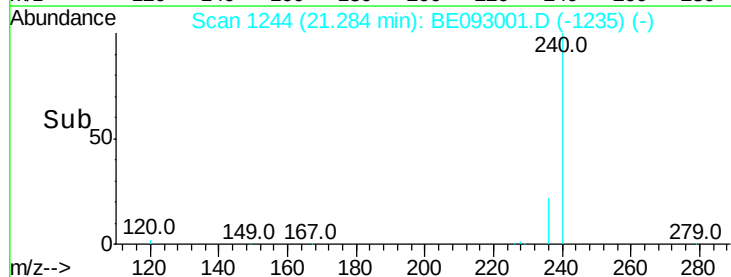
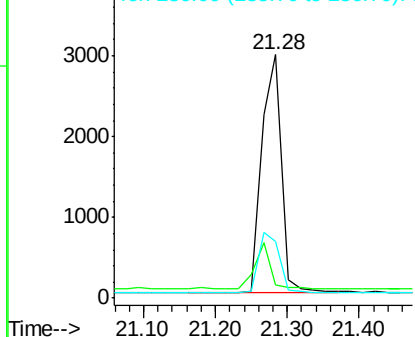


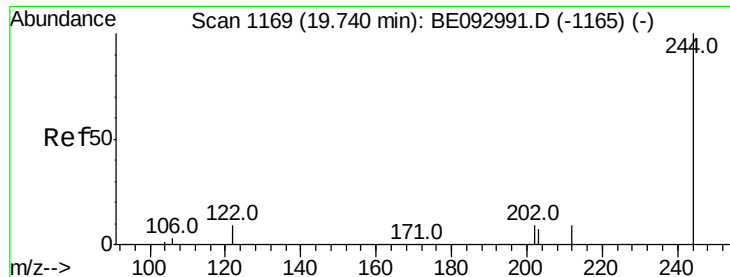
#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE093001.D
 Acq: 11 May 2017 18:08

Tgt Ion:240 Resp: 5711
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.6 7.0
 236 23.6 20.8 31.2



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





#29

Terphenyl-d14

Concen: 0.64 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BE093001.D

Acq: 11 May 2017 18:08

Instrument :

BNA_E

ClientSampleId :

DUP-0398-170508

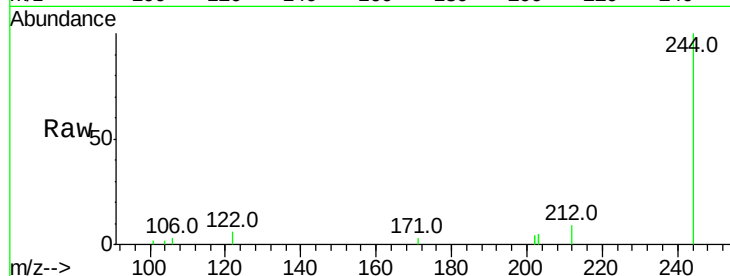
Tot Ion:244 Resp: 6514

Ion Ratio Lower Upper

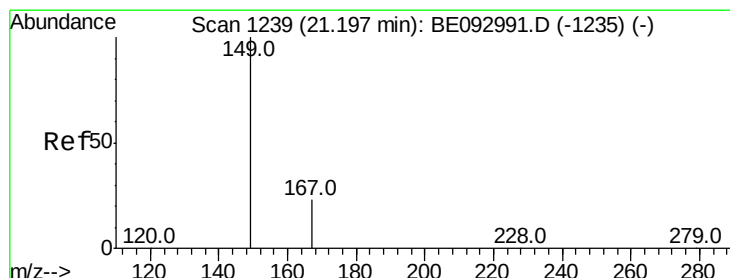
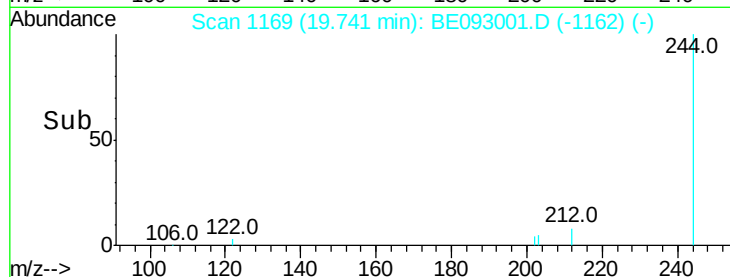
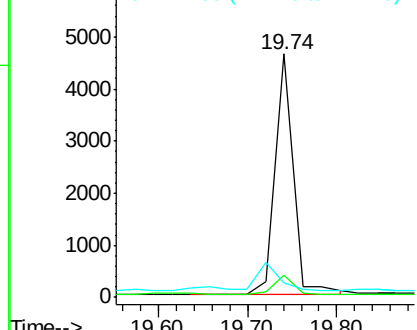
244 100

212 9.0 10.6 16.0#

122 5.8 15.4 23.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.35 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE093001.D

Acq: 11 May 2017 18:08

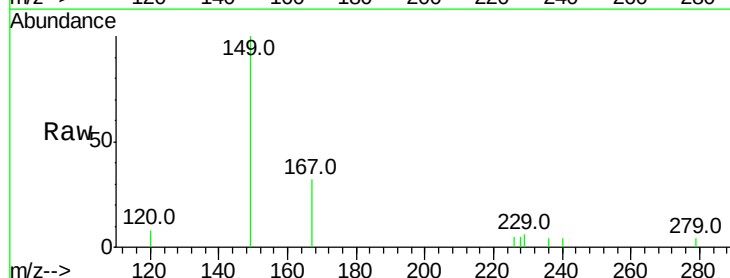
Tgt Ion:149 Resp: 1734

Ion Ratio Lower Upper

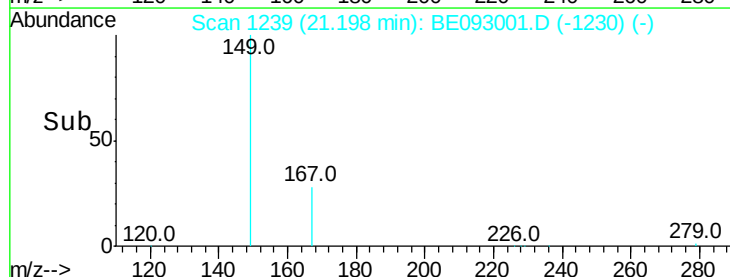
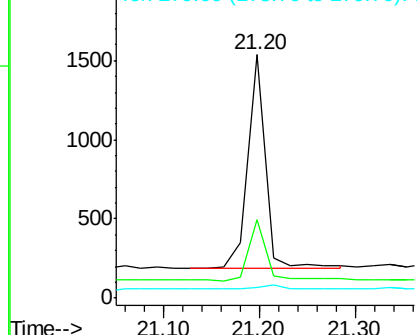
149 100

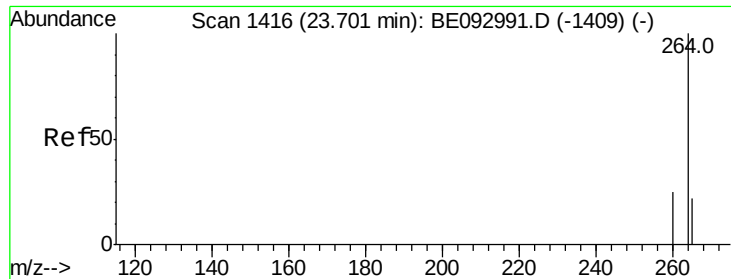
167 28.2 20.1 30.1

279 2.8 2.2 3.4



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





#34
Pervlene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE093001.D
Acq: 11 May 2017 18:08

Instrument :
BNA_E
ClientSampleId :
DUP-0398-170508

Tot Ion: 264 Resp: 4780
Ion Ratio Lower Upper
264 100
260 27.7 21.0 31.4
265 27.1 24.6 36.8

