

Data Path : Z:\HPCHEM1\BNA E\Data\BE051917\
 Data File : BE093061.D
 Acq On : 19 May 2017 15:14
 Operator : SJ/MA
 Sample : I3174-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 19 18:01:39 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	674	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2808	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1306	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4113	0.40	ng	0.00
27) Chrysene-d12	21.27	240	3960	0.40	ng	-0.02
34) Perylene-d12	23.69	264	3455	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	297	0.14	ng	0.00
5) Phenol-d6	6.92	99	240	0.09	ng	0.00
8) Nitrobenzene-d5	8.88	82	806	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1206	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	150	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1804	0.34	ng	0.00
25) Fluoranthene-d10	19.14	212	3573	0.33	ng	0.00
29) Terphenyl-d14	19.74	244	3074	0.42	ng	0.00

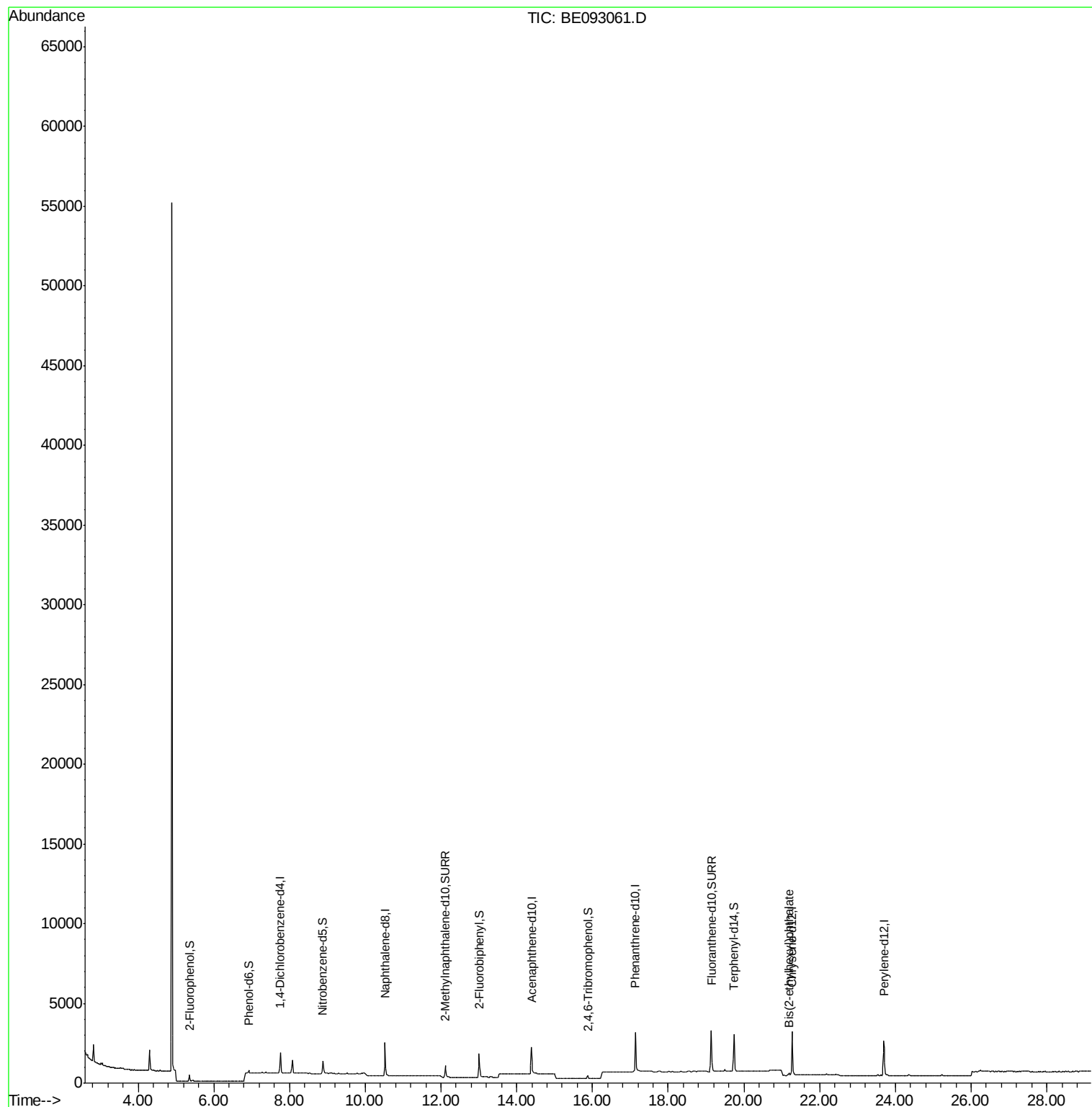
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	12	Below Cal	#	20
21) Hexachlorobenzene	16.36	284	3	Below Cal	#	100
22) Pentachlorophenol	16.82	266	7	Below Cal	#	82
23) Phenanthrene	17.16	178	47	Below Cal	#	59
24) Anthracene	17.16	178	36	Below Cal	#	45
32) Bis(2-ethylhexyl)phthalate	21.20	149	244	0.11	ng	99

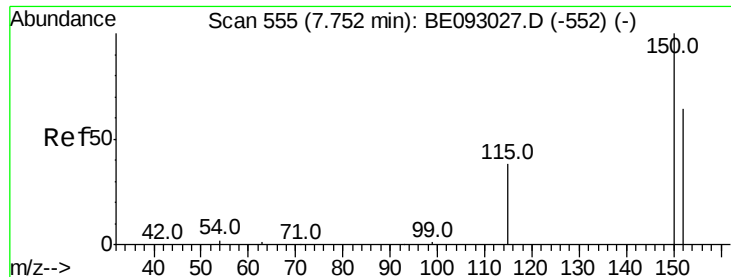
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

Instrument :

BNA_E

ClientSampleId :

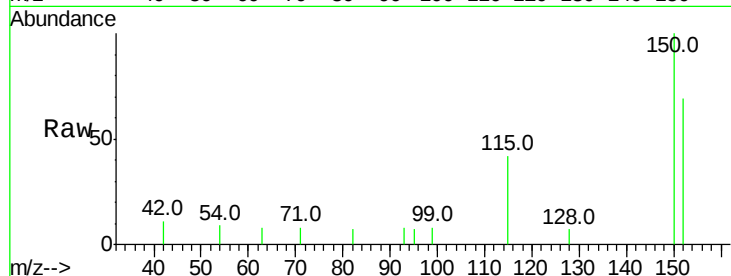
Tot Ion:152 Resp: 674

Ion Ratio Lower Upper

152 100

150 145.5 125.1 187.7

115 60.6 55.7 83.5



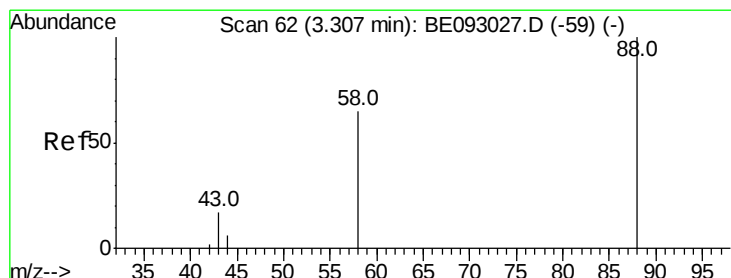
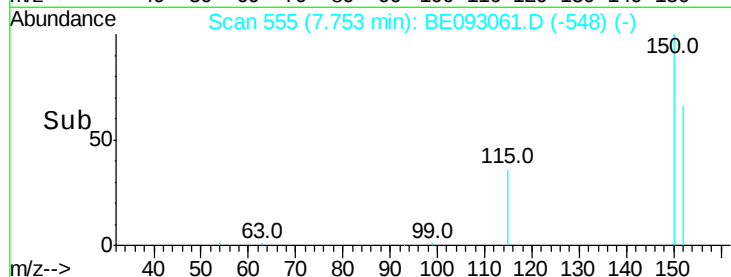
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.75

Time-->



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.31 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

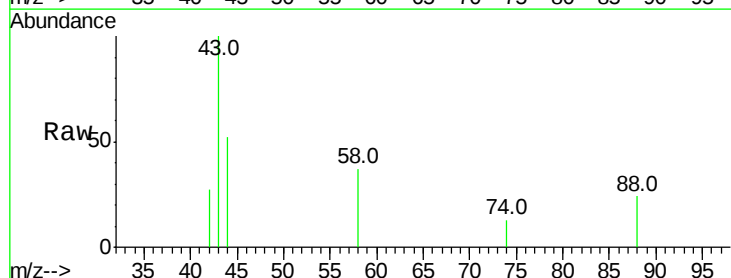
Tgt Ion: 88 Resp: 12

Ion Ratio Lower Upper

88 100

58 0.0 62.2 93.4#

43 0.0 23.2 34.8#



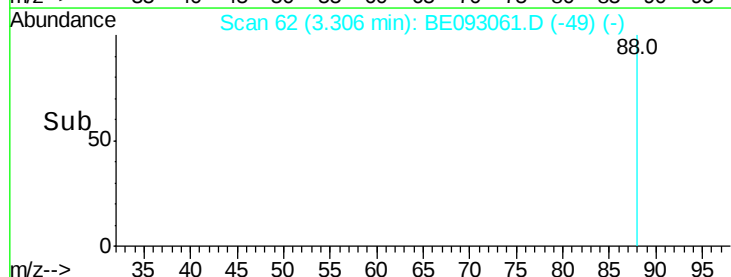
Abundance Ion 88.00 (87.70 to 88.70): BE0

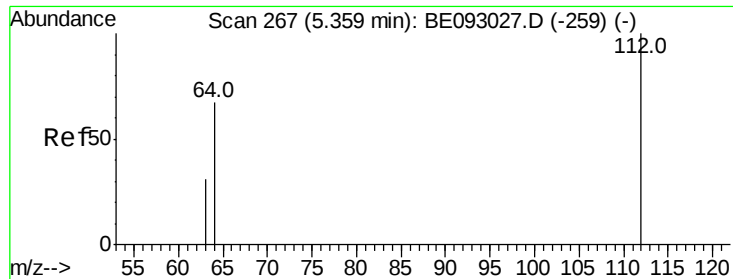
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.31

Time-->





#4

2-Fluorophenol

Concen: 0.14 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

Instrument :

BNA_E

ClientSampleId :

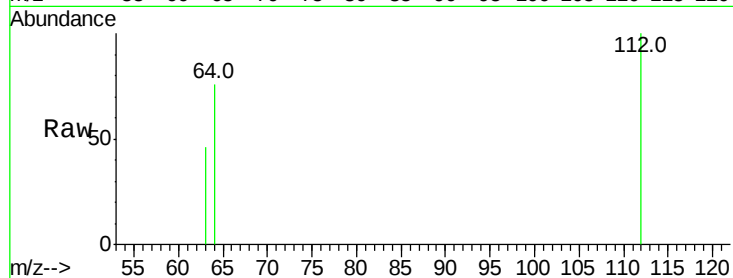
Tot Ion:112 Resp: 297

Ion Ratio Lower Upper

112 100

64 71.7 56.4 84.6

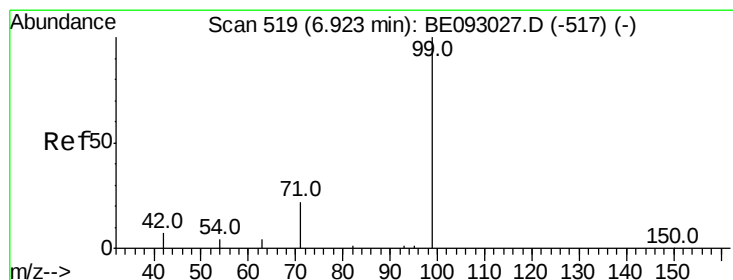
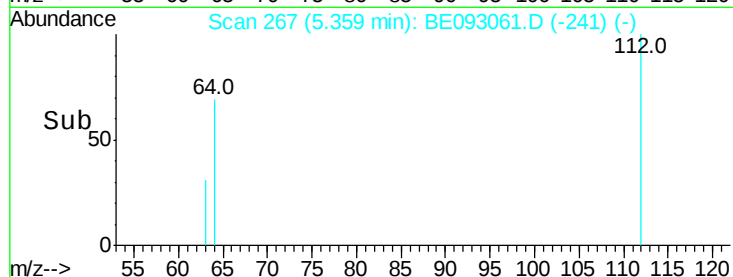
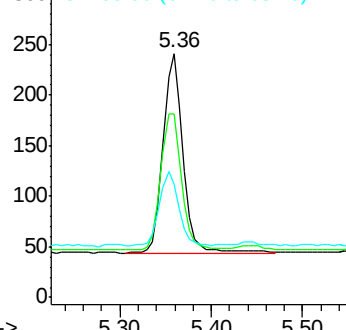
63 37.4 29.3 43.9



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: 0.09 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

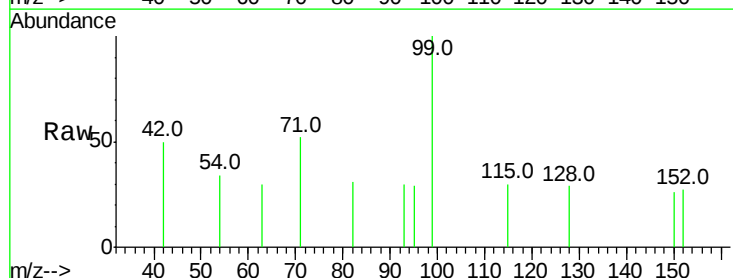
Tgt Ion: 99 Resp: 240

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

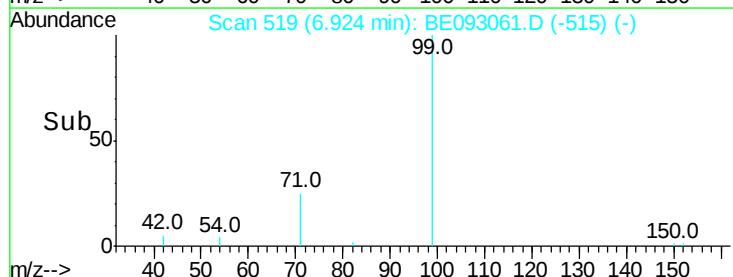
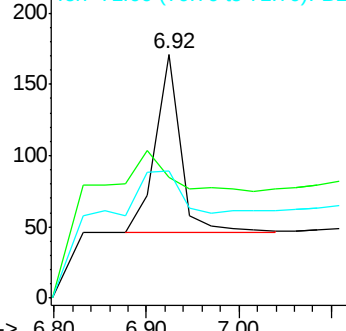
71 40.8 0.0 0.0#

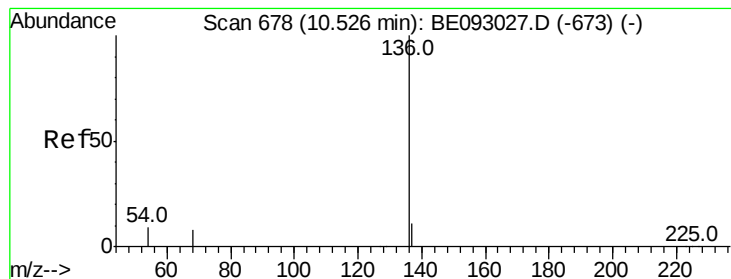


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2808

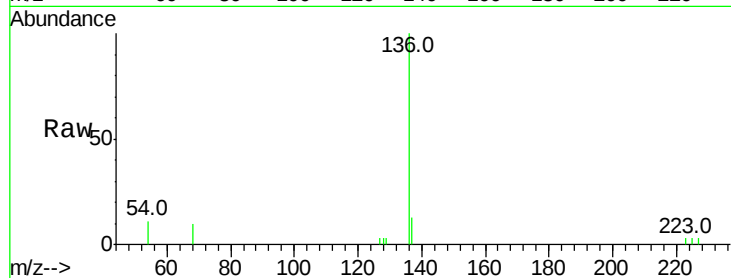
Ion Ratio Lower Upper

136 100

137 13.0 9.8 14.8

54 10.7 10.3 15.5

68 9.7 9.0 13.4

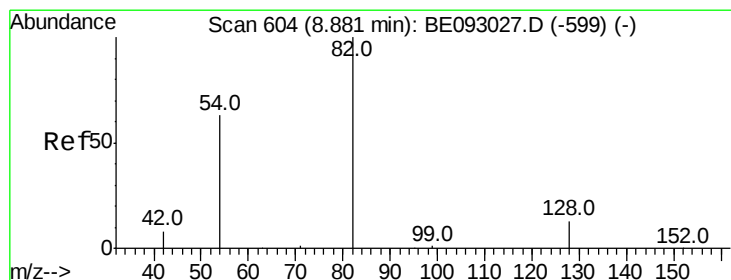
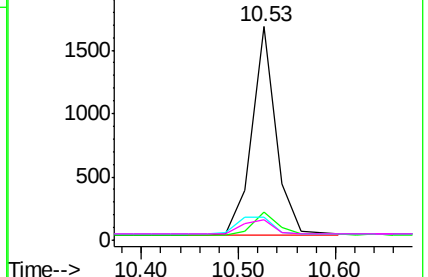
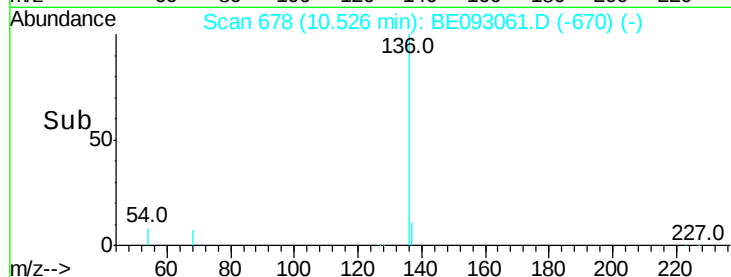


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.33 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

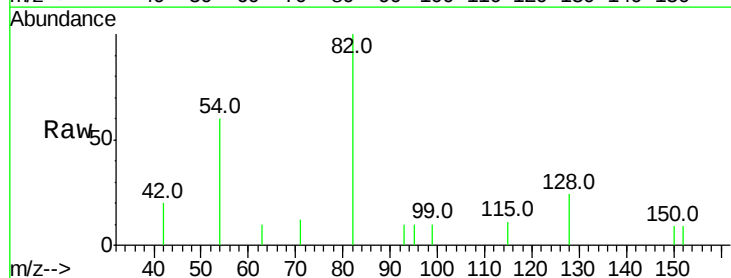
Tgt Ion: 82 Resp: 806

Ion Ratio Lower Upper

82 100

128 23.9 17.0 25.4

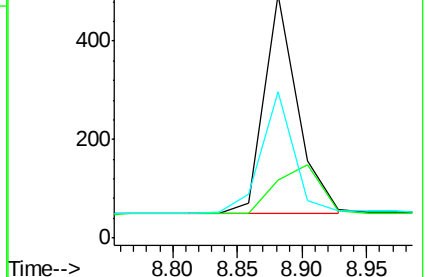
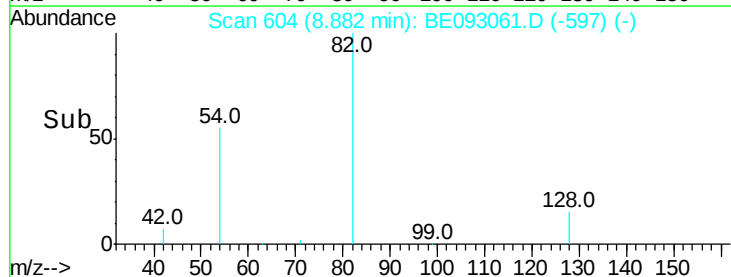
54 59.9 53.8 80.6

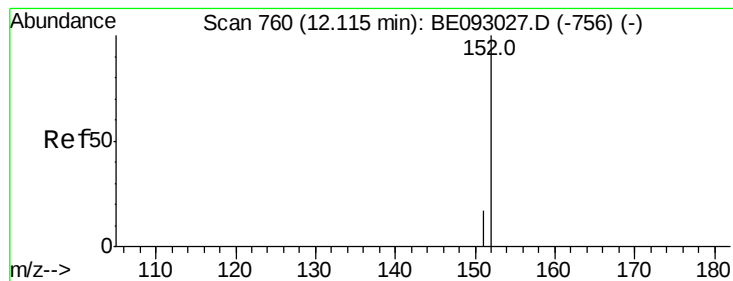


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.29 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

Instrument :

BNA_E

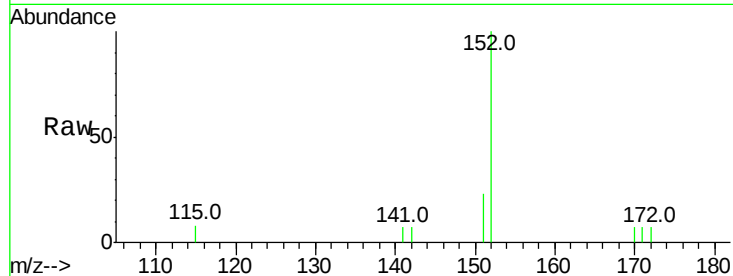
ClientSampleId :

Tot Ion:152 Resp: 1206

Ion Ratio Lower Upper

152 100

151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.11

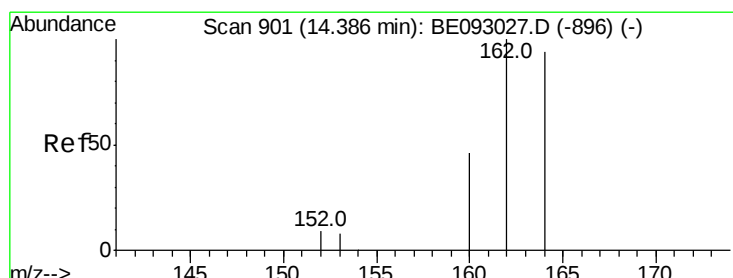
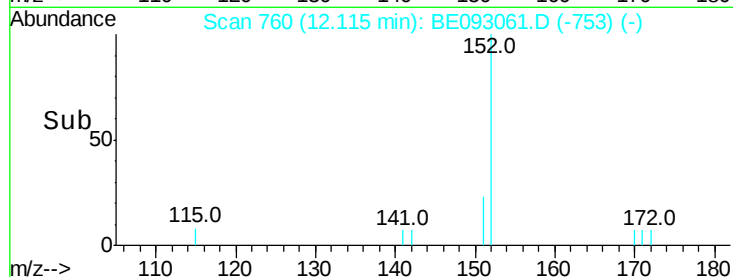
600

400

200

0

Time--> 12.00 12.10 12.20



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

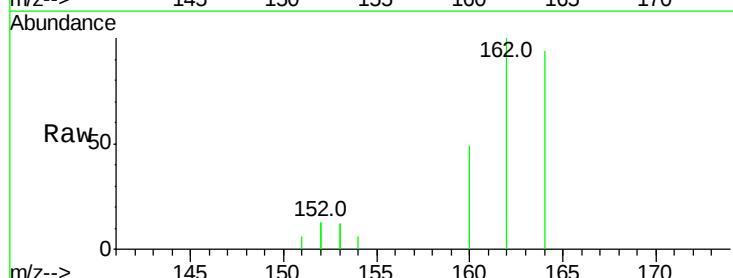
Tgt Ion:164 Resp: 1306

Ion Ratio Lower Upper

164 100

162 106.3 84.6 127.0

160 51.6 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

14.39

1000

800

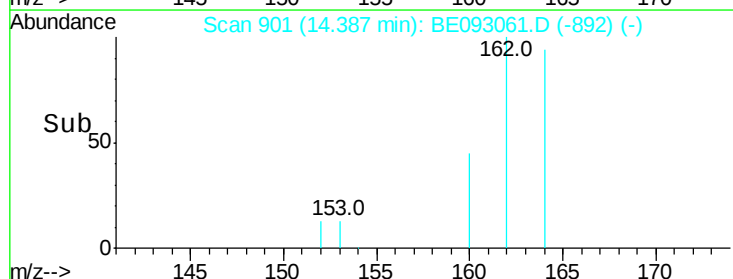
600

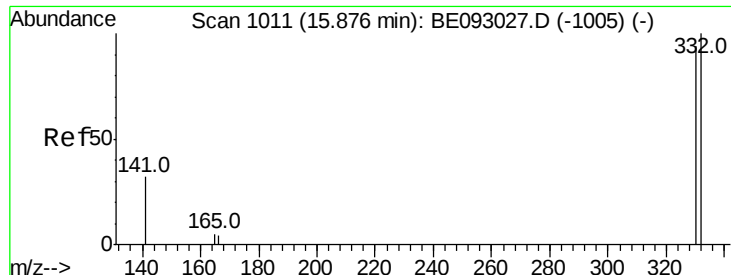
400

200

0

Time--> 14.30 14.40 14.50

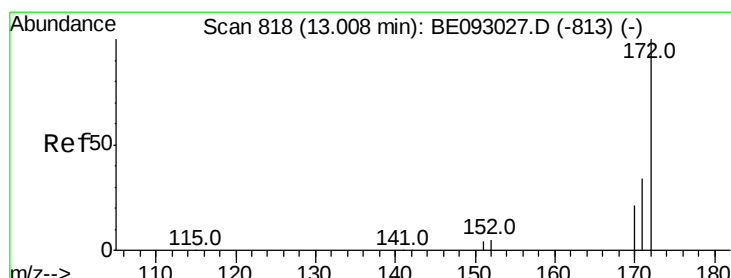
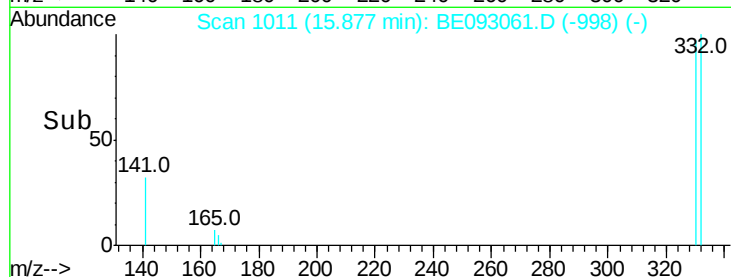
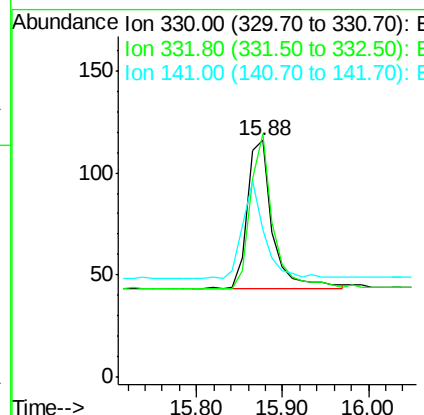
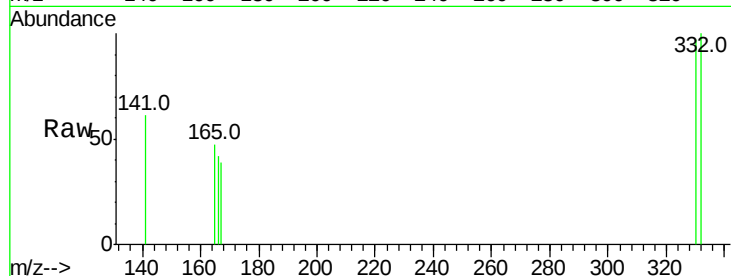




#14
 2,4,6-Tribromophenol
 Concen: 0.39 ng
 RT: 15.88 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BE093061.D
 Acq: 19 May 2017 15:14

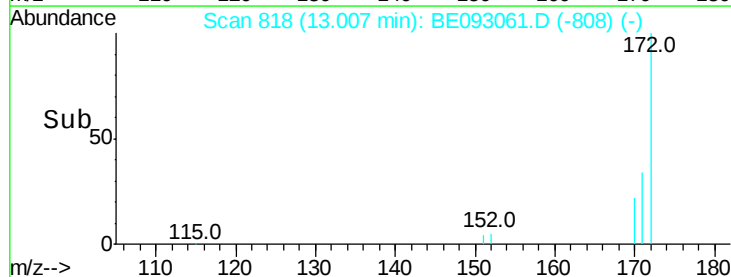
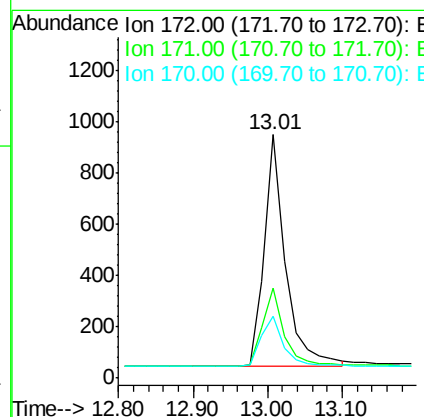
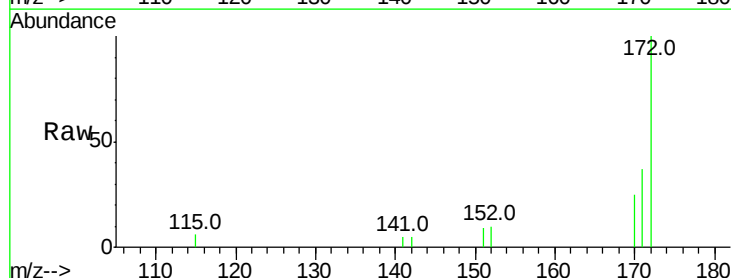
Instrument :
 BNA_E
 ClientSampled :

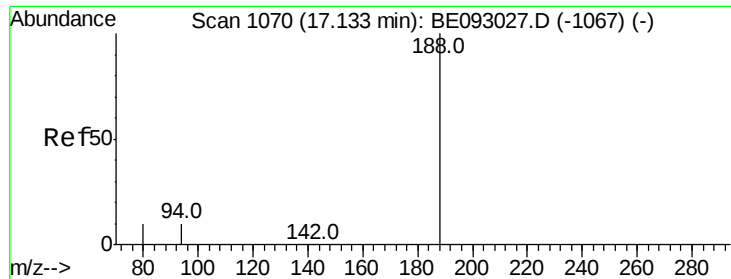
Tot Ion:330 Resp: 150
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.7 116.5
 141 58.7 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.34 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE093061.D
 Acq: 19 May 2017 15:14

Tgt Ion:172 Resp: 1804
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.4 20.7 31.1

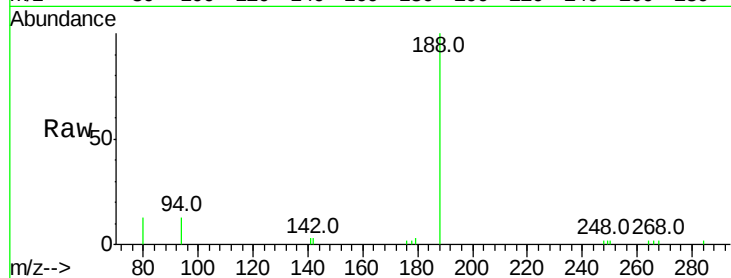




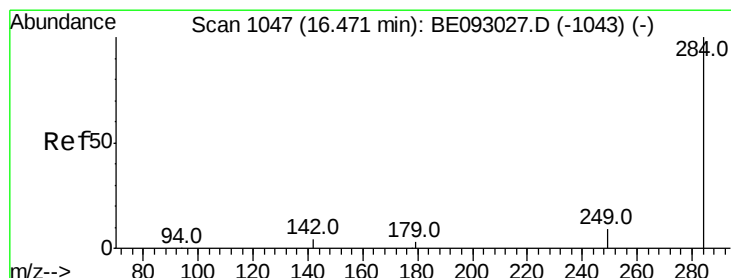
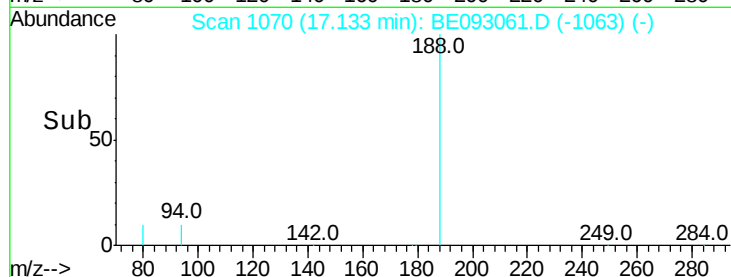
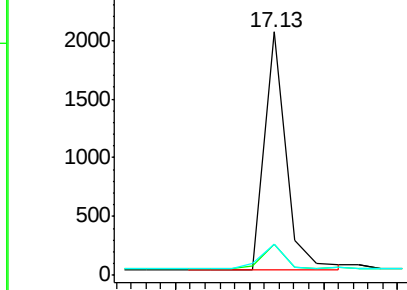
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093061.D
Acq: 19 May 2017 15:14

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 4113
Ion Ratio Lower Upper
188 100
94 12.6 11.3 16.9
80 12.7 11.7 17.5

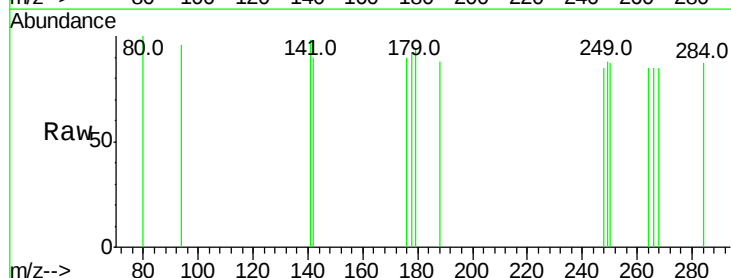


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

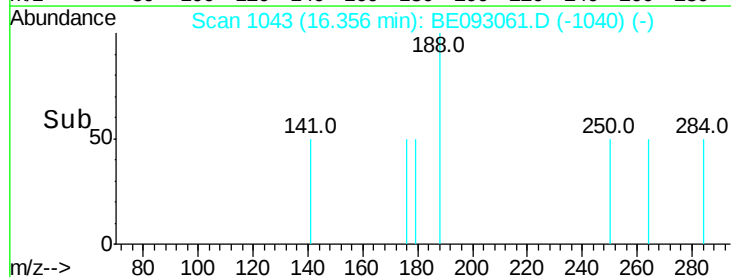
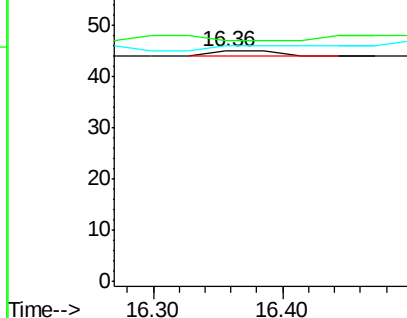


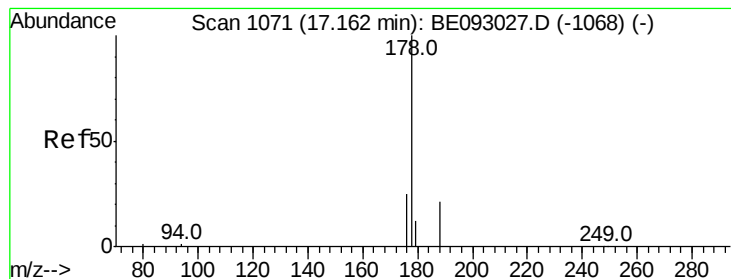
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.36 min Scan# 1043
Delta R.T. -0.11 min
Lab File: BE093061.D
Acq: 19 May 2017 15:14

Tgt Ion:284 Resp: 3
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 100.0 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





#23

Phenanthrene

Concen: Below Cal

RT: 17.16 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

Instrument :

BNA_E

ClientSampleId :

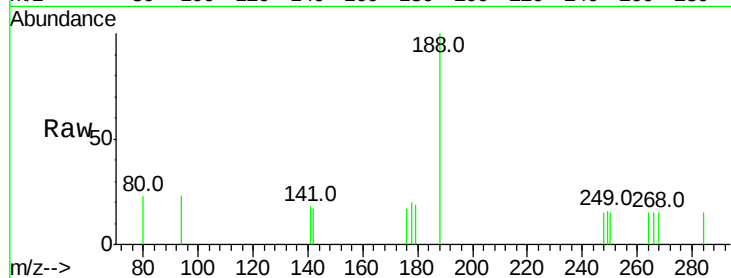
Tot Ion:178 Resp: 47

Ion Ratio Lower Upper

178 100

176 21.3 15.0 22.4

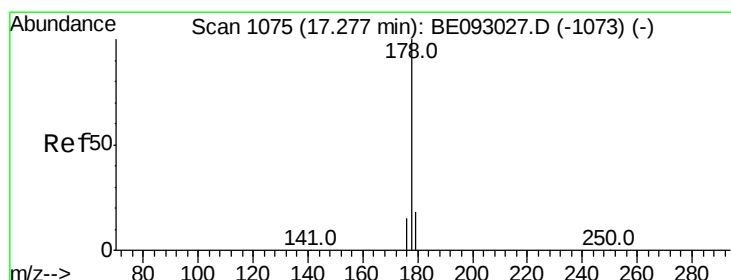
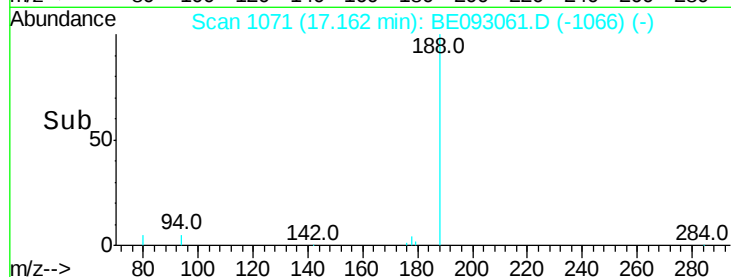
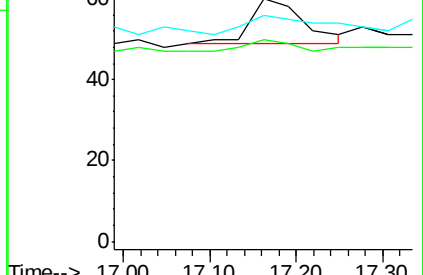
179 51.1 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: Below Cal

RT: 17.16 min Scan# 1071

Delta R.T. -0.11 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

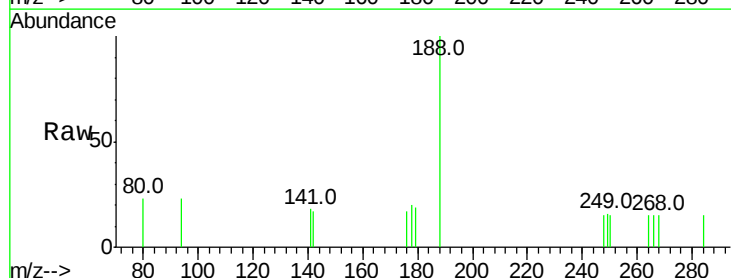
Tgt Ion:178 Resp: 36

Ion Ratio Lower Upper

178 100

176 25.0 14.6 22.0#

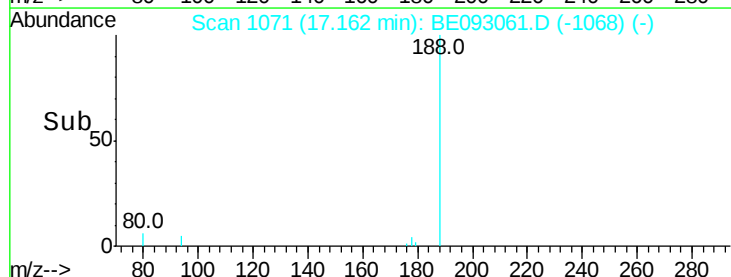
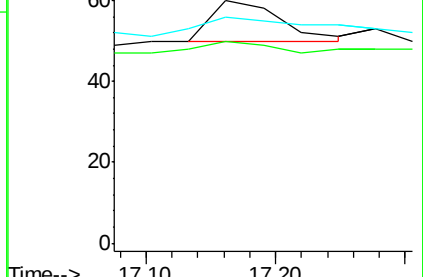
179 58.3 12.0 18.0#

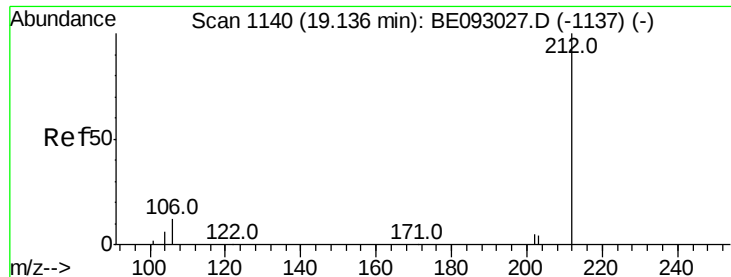


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

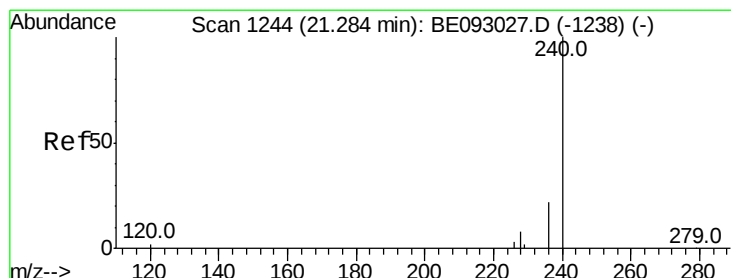
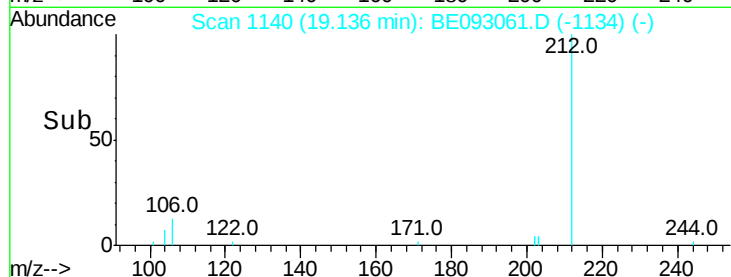
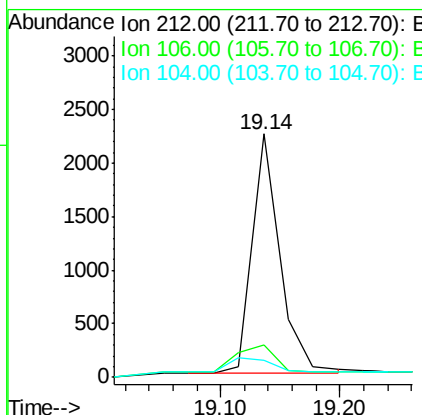
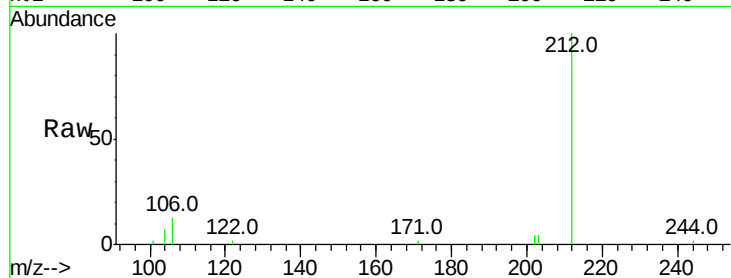




#25
 Fluoranthene-d10
 Concen: 0.33 ng
 RT: 19.14 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BE093061.D
 Acq: 19 May 2017 15:14

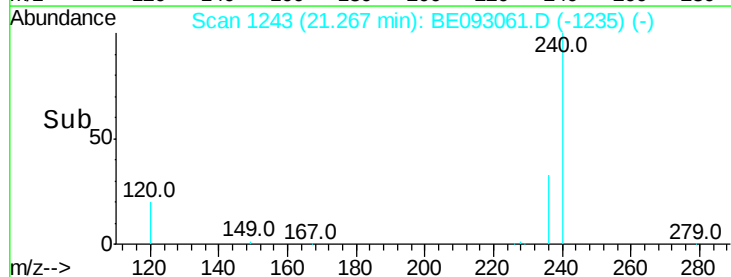
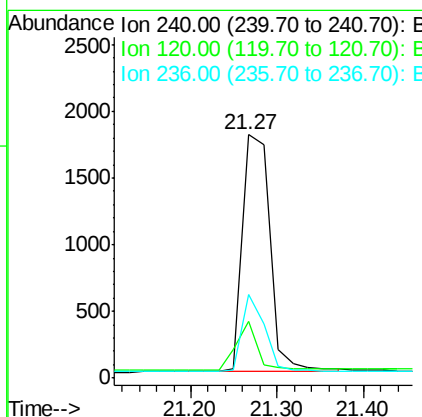
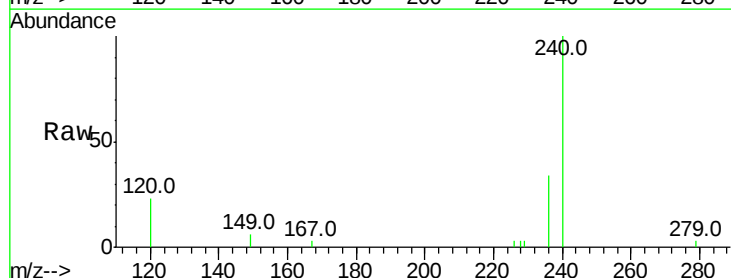
Instrument :
 BNA_E
 ClientSampleId :

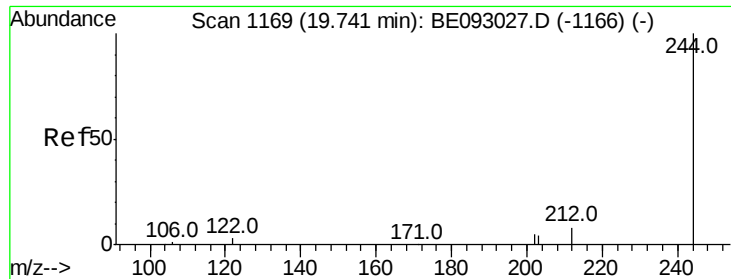
Tot Ion:212 Resp: 3573
 Ion Ratio Lower Upper
 212 100
 106 15.5 0.0 0.0#
 104 0.0 0.0 0.0



#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.27 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE093061.D
 Acq: 19 May 2017 15:14

Tgt Ion:240 Resp: 3960
 Ion Ratio Lower Upper
 240 100
 120 23.2 4.6 7.0#
 236 34.4 20.8 31.2#





#29

Terphenyl-d14

Concen: 0.42 ng

RT: 19.74 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

Instrument :

BNA_E

ClientSampled :

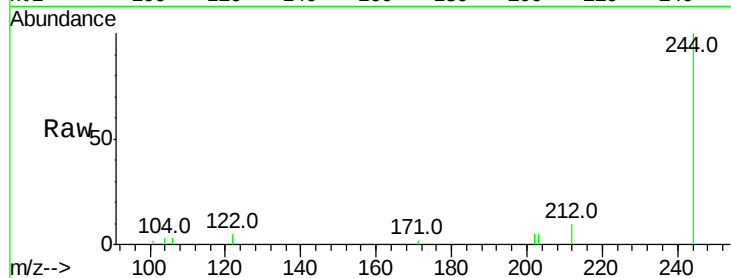
Tot Ion:244 Resp: 3074

Ion Ratio Lower Upper

244 100

212 9.6 10.6 16.0#

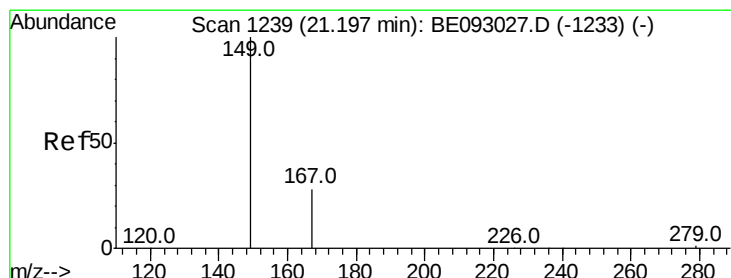
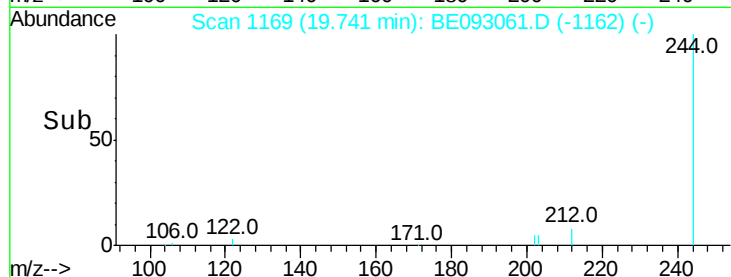
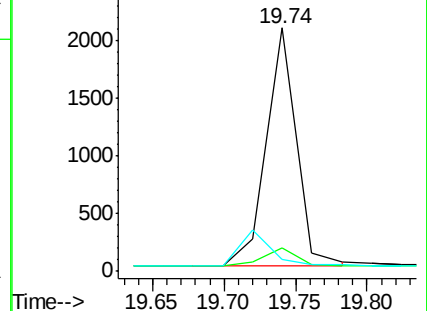
122 4.8 15.4 23.0#



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: 0.11 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE093061.D

Acq: 19 May 2017 15:14

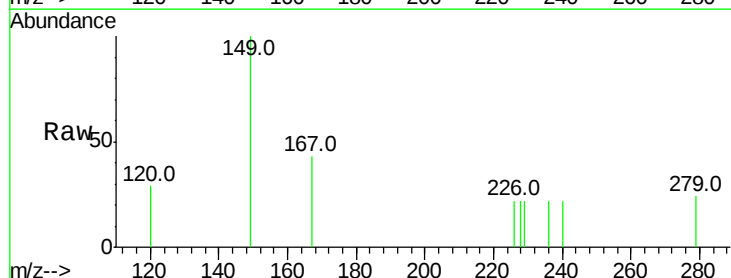
Tgt Ion:149 Resp: 244

Ion Ratio Lower Upper

149 100

167 24.6 20.1 30.1

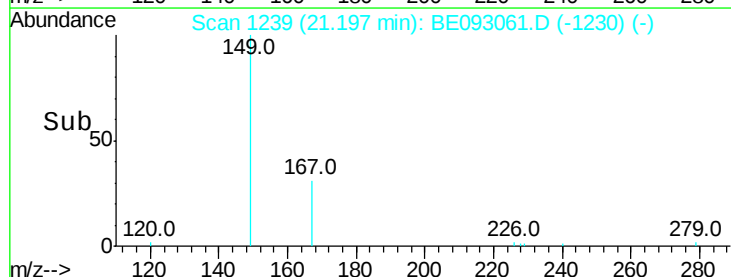
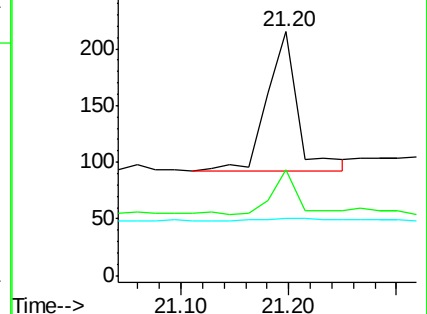
279 3.7 2.2 3.4#

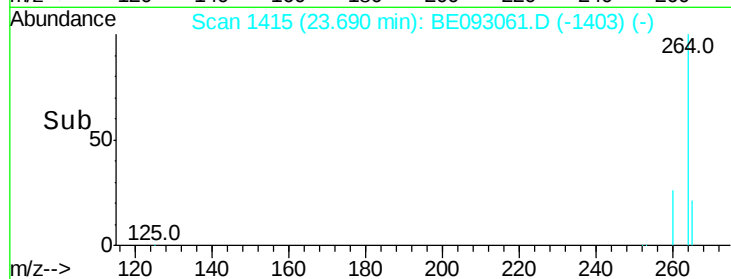
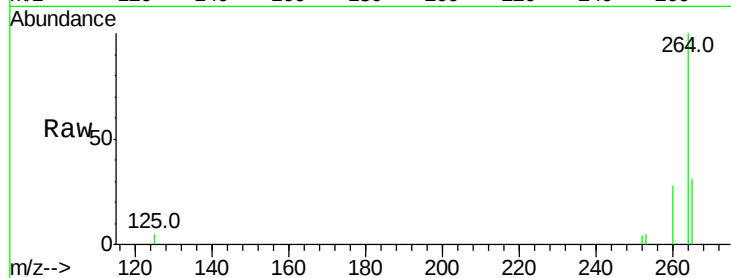
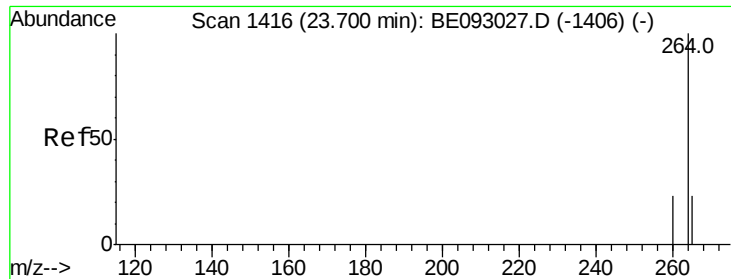


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE093061.D

Acq: 19 May 2017 15:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 3455

Ion Ratio Lower Upper

264 100

260 27.7 21.0 31.4

265 30.5 24.6 36.8

