

Data Path : Z:\HPCHEM1\BNA E\Data\BE051917\
 Data File : BE093059.D
 Acq On : 19 May 2017 14:00
 Operator : SJ/MA
 Sample : I3219-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 19 17:57:56 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	727	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2969	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1469	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4597	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4254	0.40	ng	0.00
34) Perylene-d12	23.69	264	3789	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	278	0.12	ng	0.00
5) Phenol-d6	6.92	99	242	0.08	ng	0.00
8) Nitrobenzene-d5	8.88	82	781	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1239	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	181	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	2018	0.33	ng	0.00
25) Fluoranthene-d10	19.14	212	3564	0.30	ng	0.00
29) Terphenyl-d14	19.74	244	3018	0.38	ng	0.00

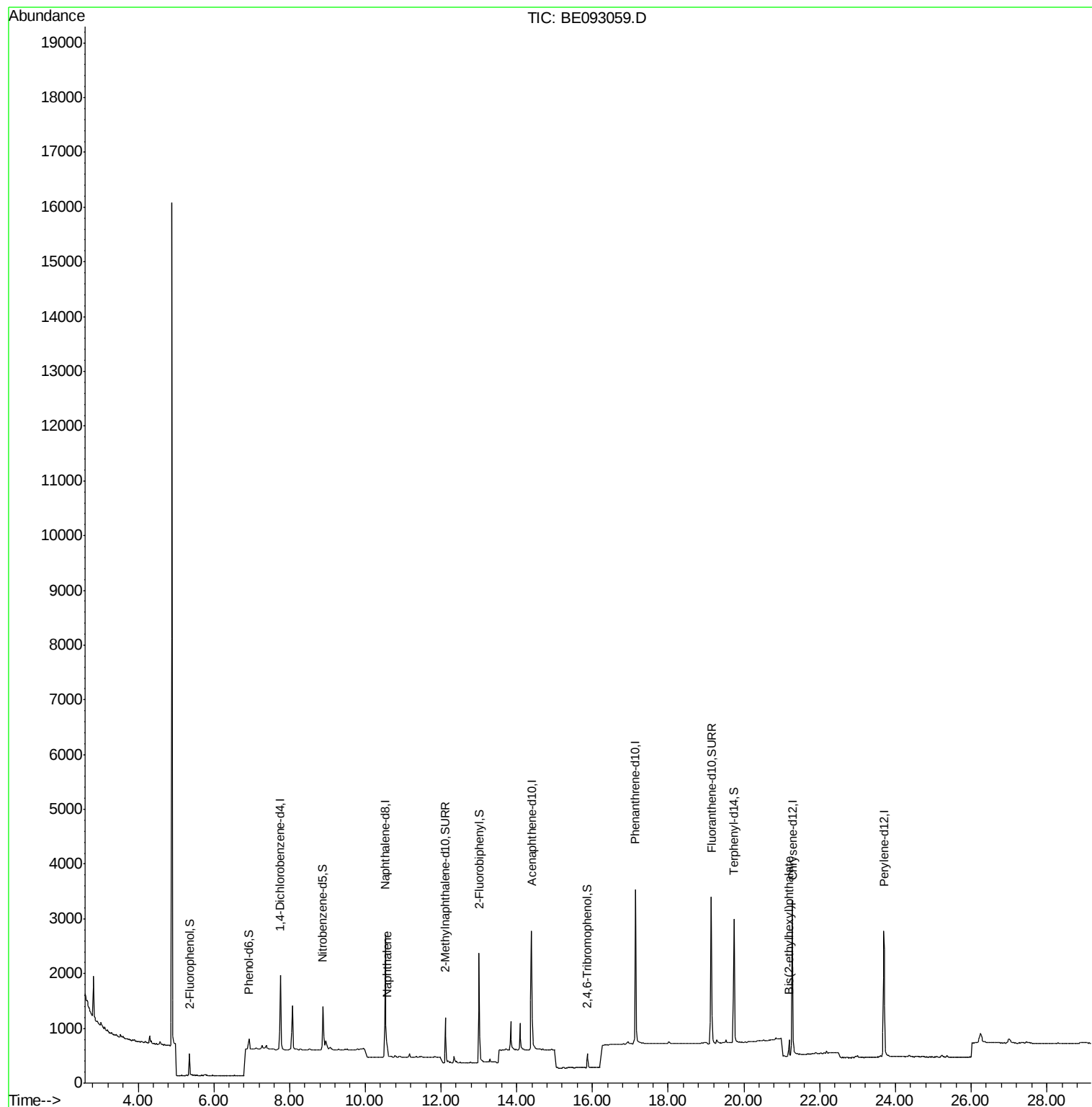
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.56	128	361	0.05	ng	# 25
21) Hexachlorobenzene	16.44	284	5	Below	Cal	# 100
23) Phenanthrene	17.16	178	55	Below	Cal	# 80
24) Anthracene	17.16	178	43	Below	Cal	# 57
32) Bis(2-ethylhexyl)phthalate	21.20	149	374	0.12	ng	# 95

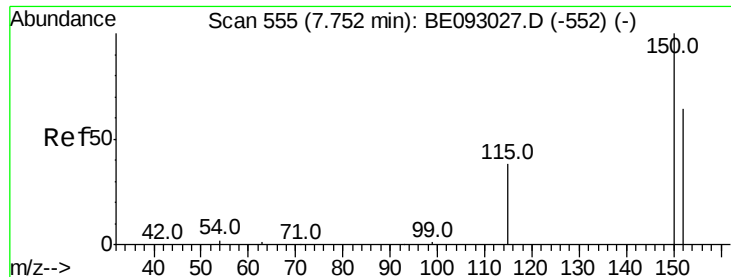
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



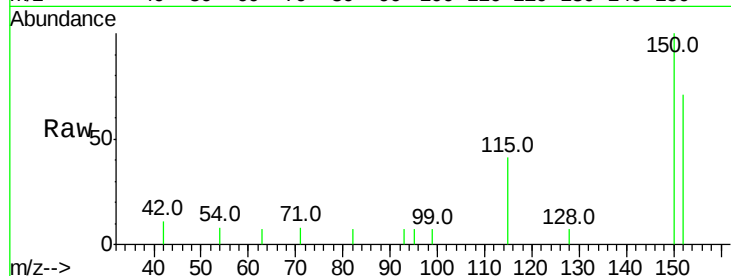


#1

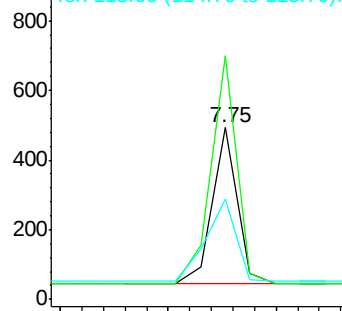
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093059.D
Acq: 19 May 2017 14:00

Instrument :
BNA_E
ClientSampleId :

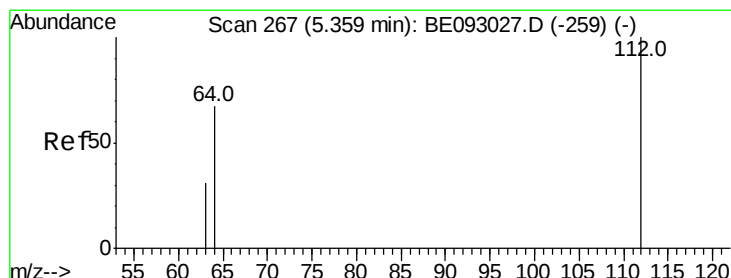
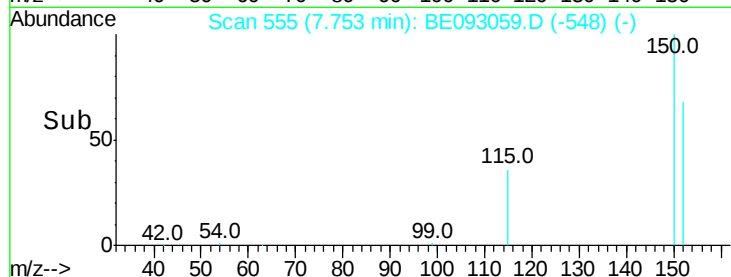
Tot Ion:152 Resp: 727
Ion Ratio Lower Upper
152 100
150 141.8 125.1 187.7
115 58.2 55.7 83.5



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



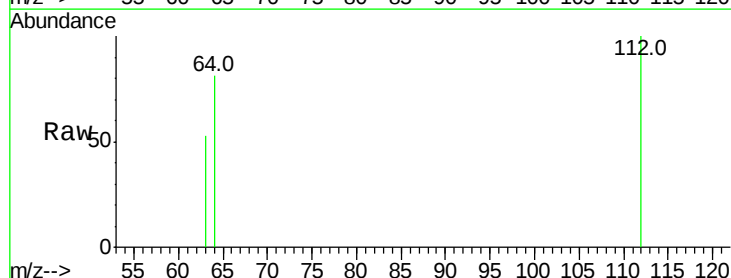
Time--> 7.60 7.70 7.80



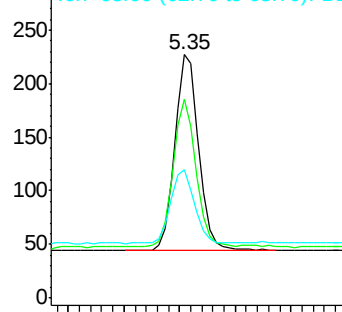
#4

2-Fluorophenol
Concen: 0.12 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.00 min
Lab File: BE093059.D
Acq: 19 May 2017 14:00

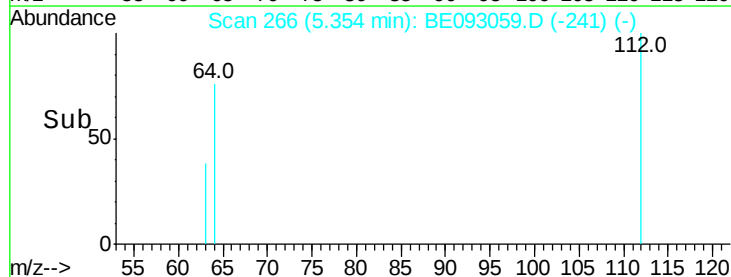
Tgt Ion:112 Resp: 278
Ion Ratio Lower Upper
112 100
64 71.6 56.4 84.6
63 38.5 29.3 43.9

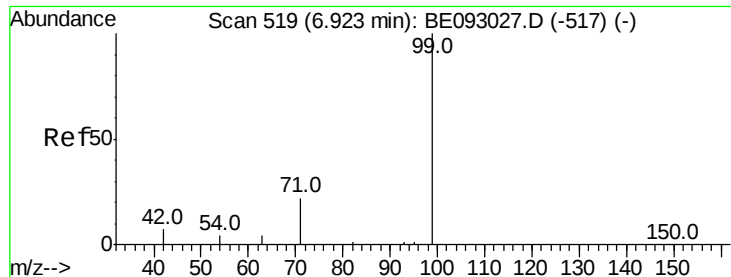


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.25 5.30 5.35 5.40 5.45





#5

Phenol-d6

Concen: 0.08 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093059.D

Acq: 19 May 2017 14:00

Instrument :

BNA_E

ClientSampled :

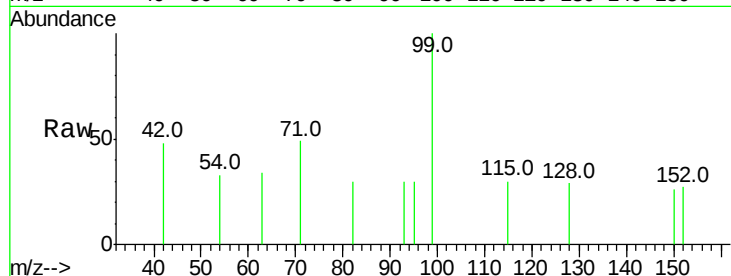
Tot Ion: 99 Resp: 242

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

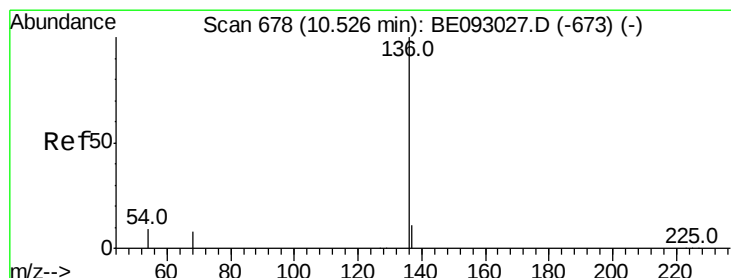
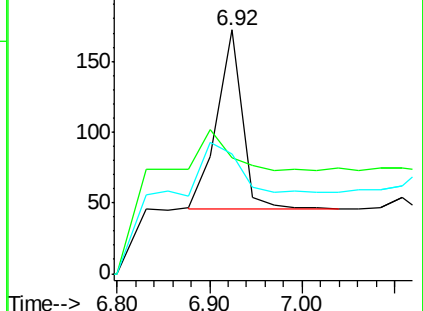
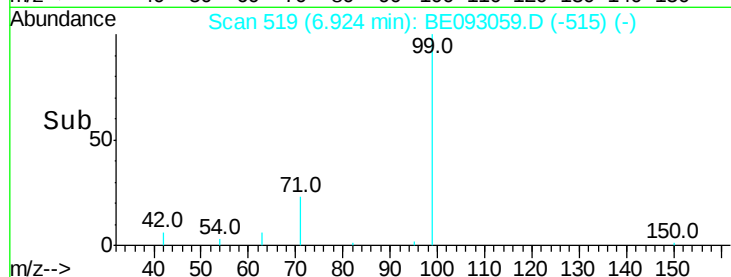
71 0.0 0.0 0.0



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



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093059.D

Acq: 19 May 2017 14:00

Tgt Ion: 136 Resp: 2969

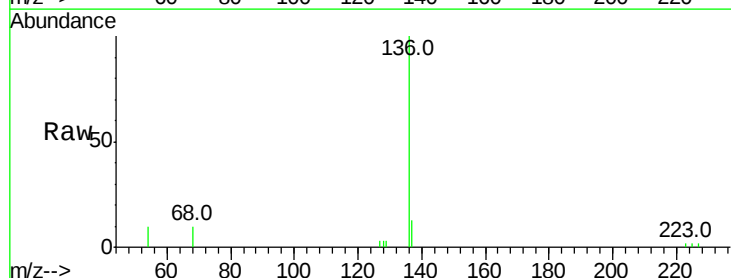
Ion Ratio Lower Upper

136 100

137 12.8 9.8 14.8

54 10.5 10.3 15.5

68 9.8 9.0 13.4

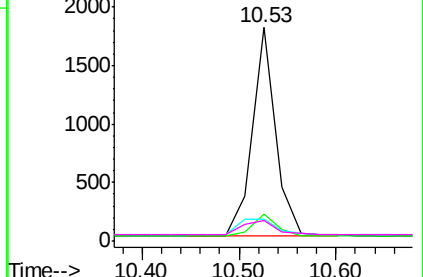
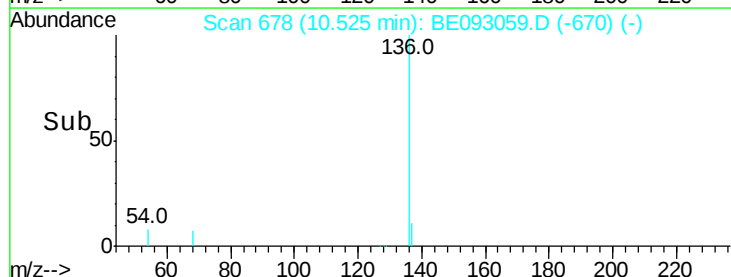


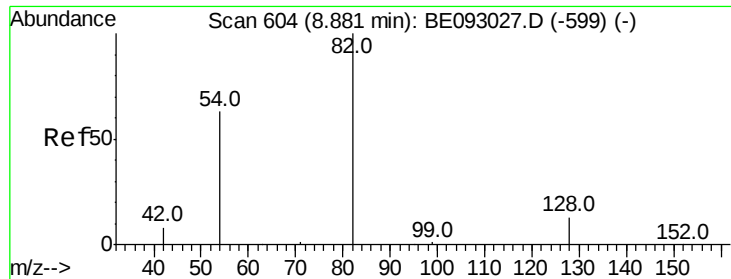
Abundance Ion 136.00 (135.70 to 136.70): E

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

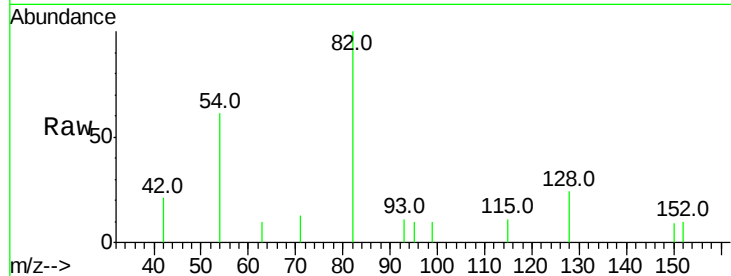




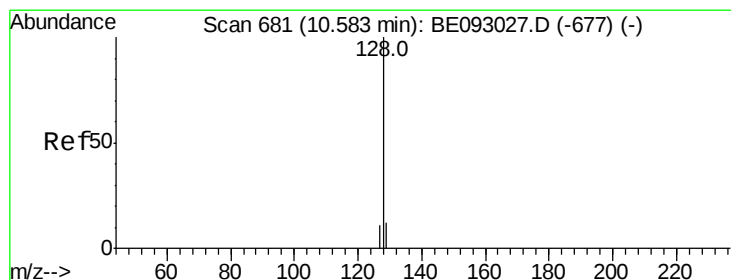
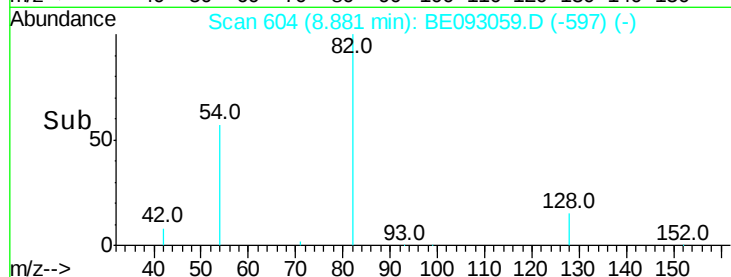
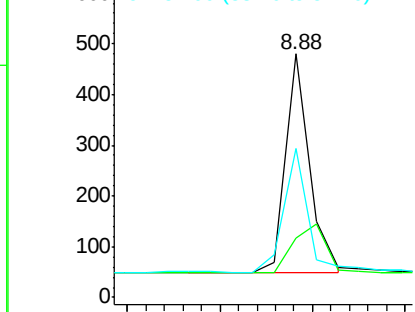
#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093059.D
Acq: 19 May 2017 14:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 82 Resp: 781
Ion Ratio Lower Upper
82 100
128 24.2 17.0 25.4
54 61.5 53.8 80.6

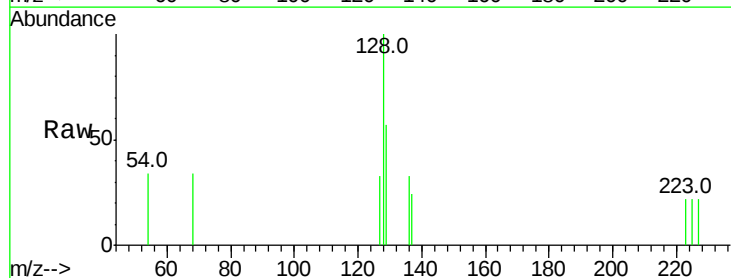


Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0

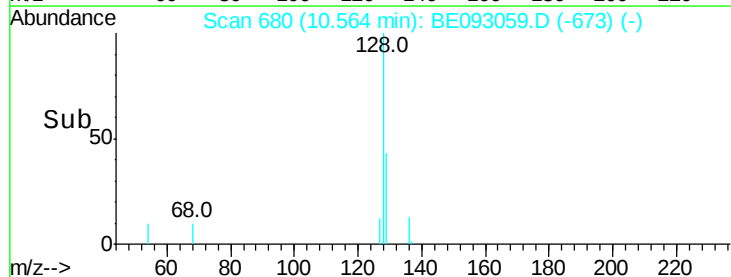
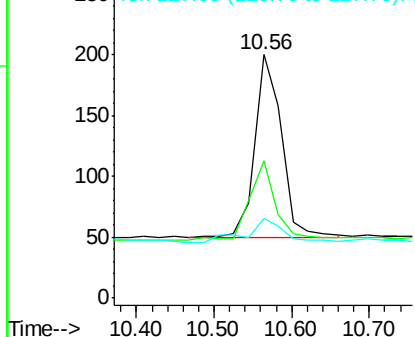


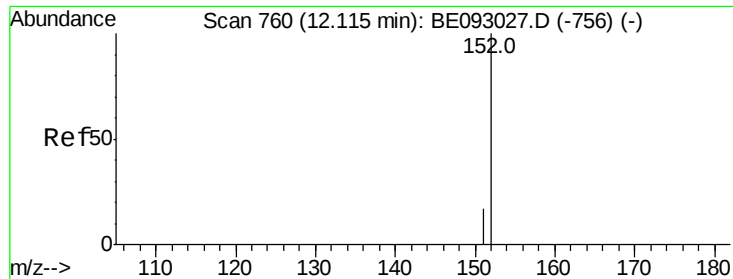
#9
Naphthalene
Concen: 0.05 ng
RT: 10.56 min Scan# 680
Delta R.T. -0.02 min
Lab File: BE093059.D
Acq: 19 May 2017 14:00

Tgt Ion: 128 Resp: 361
Ion Ratio Lower Upper
128 100
129 56.5 11.4 17.0#
127 33.0 11.2 16.8#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

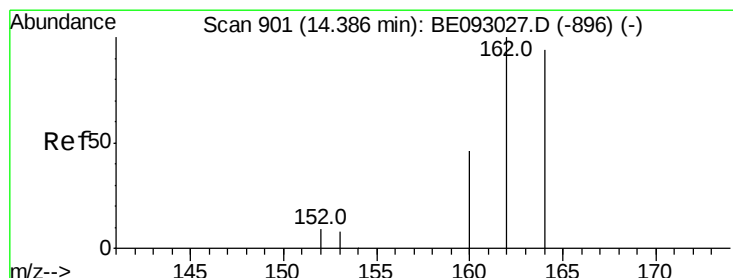
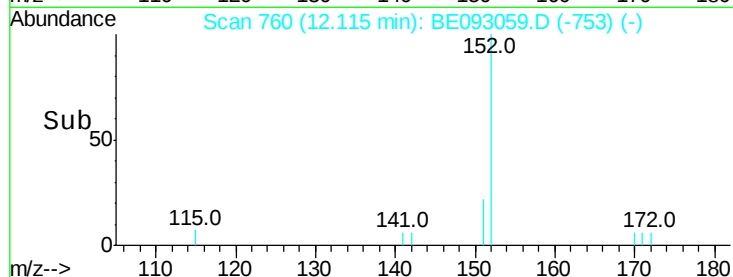
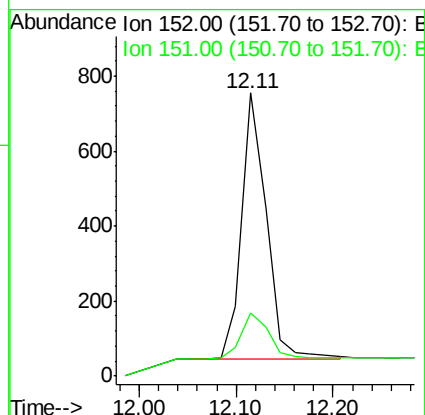
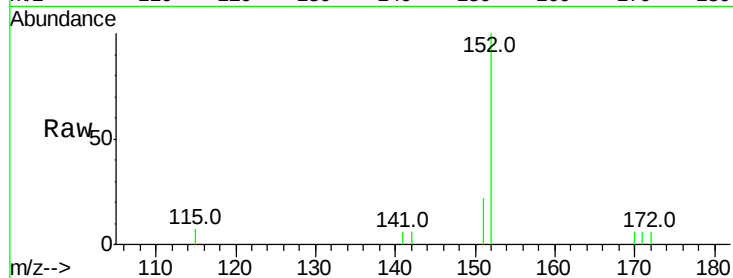




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE093059.D
Acq: 19 May 2017 14:00

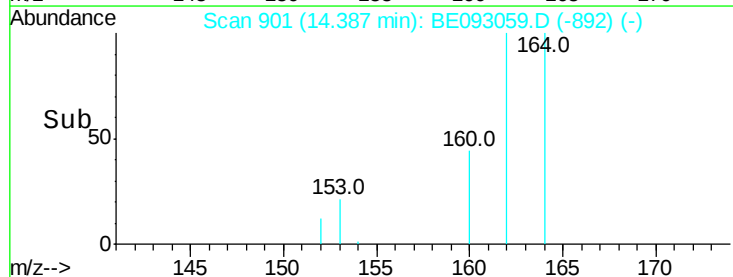
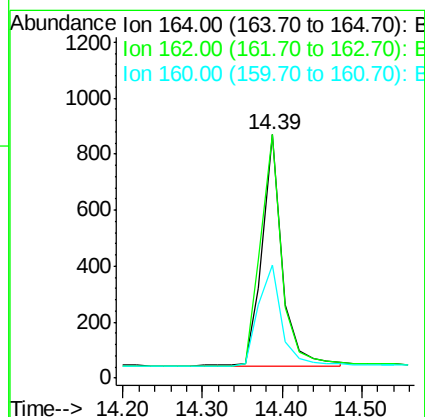
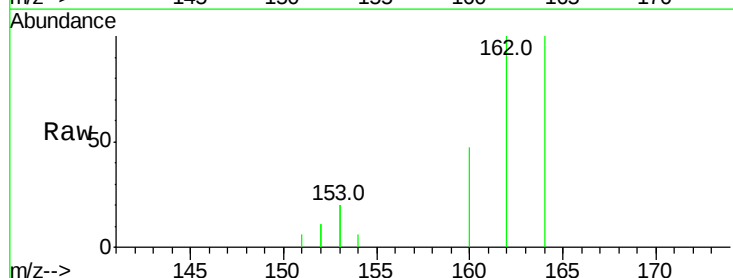
Instrument :
BNA_E
ClientSampleId :

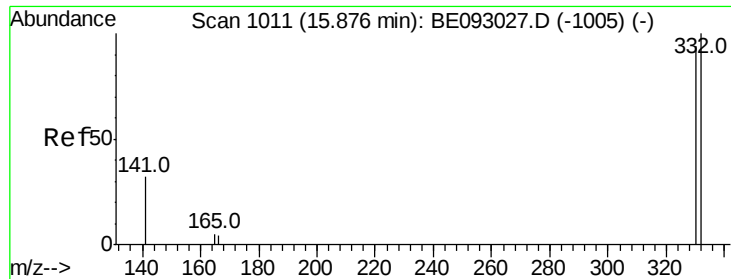
Tot Ion:152 Resp: 1239
Ion Ratio Lower Upper
152 100
151 19.5 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093059.D
Acq: 19 May 2017 14:00

Tgt Ion:164 Resp: 1469
Ion Ratio Lower Upper
164 100
162 100.1 84.6 127.0
160 46.7 41.8 62.6

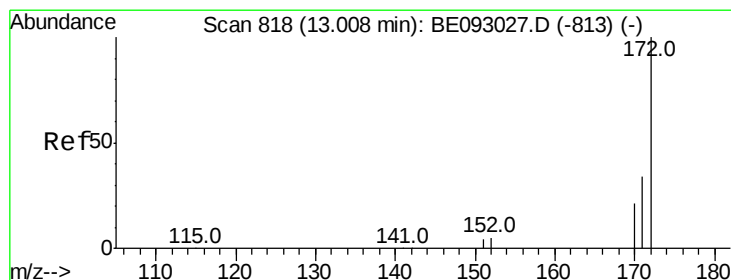
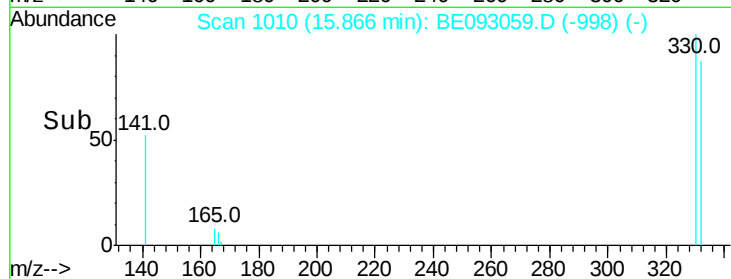
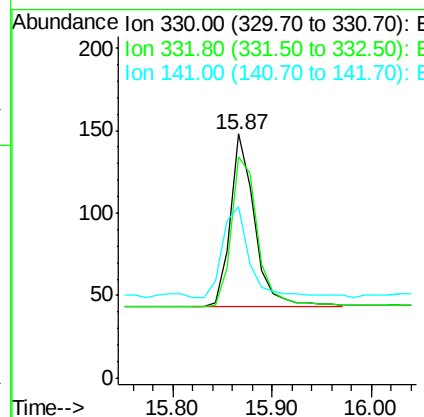
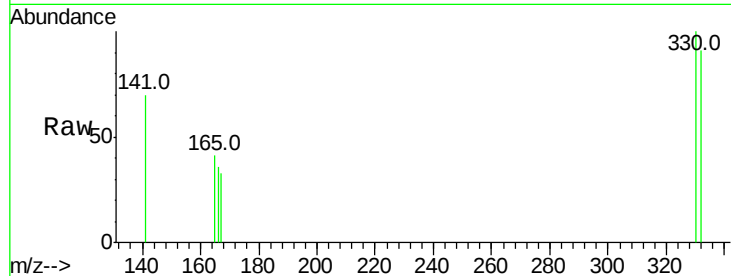




#14
 2,4,6-Tribromophenol
 Concen: 0.42 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BE093059.D
 Acq: 19 May 2017 14:00

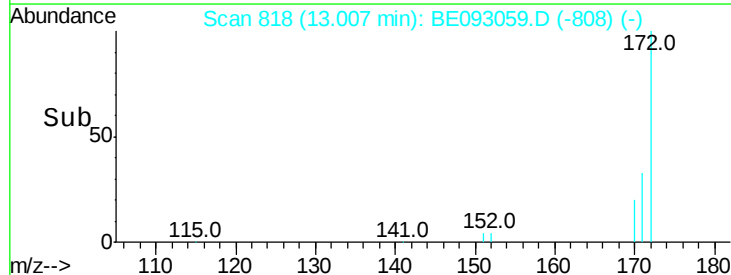
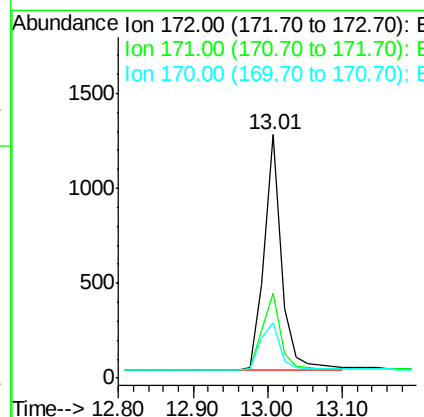
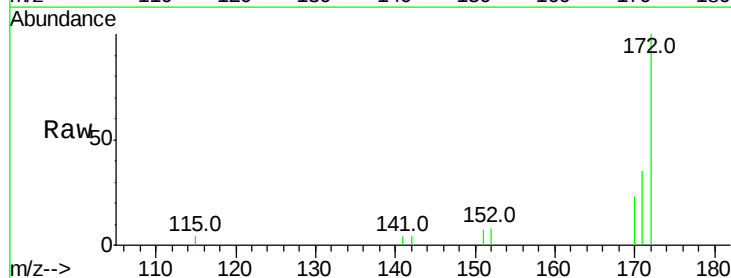
Instrument :
 BNA_E
 ClientSampleId :

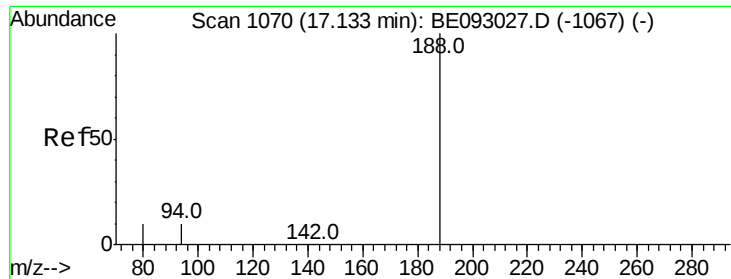
Tot Ion:330 Resp: 181
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.7 116.5
 141 56.9 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.33 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE093059.D
 Acq: 19 May 2017 14:00

Tgt Ion:172 Resp: 2018
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.8 44.6
 170 22.9 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093059.D

Acq: 19 May 2017 14:00

Instrument :

BNA_E

ClientSampleId :

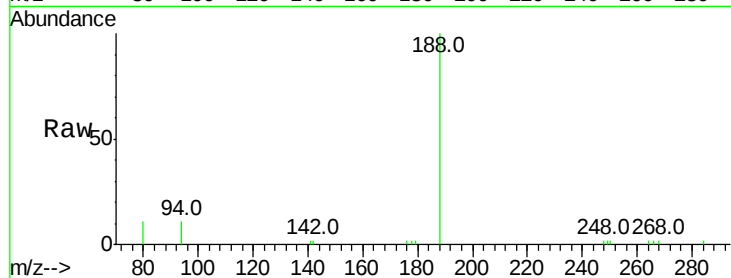
Tot Ion:188 Resp: 4597

Ion Ratio Lower Upper

188 100

94 10.8 11.3 16.9#

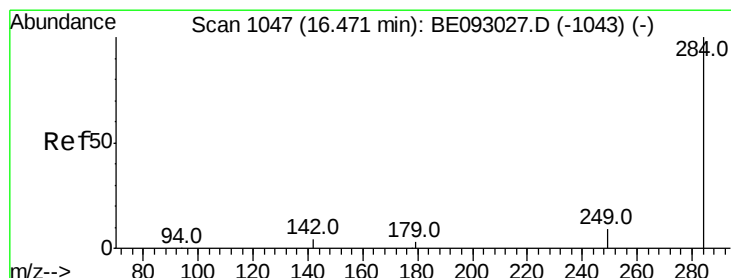
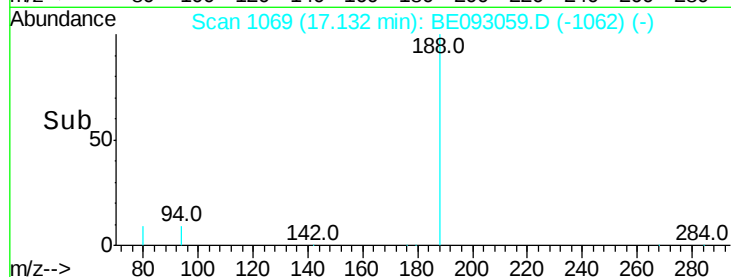
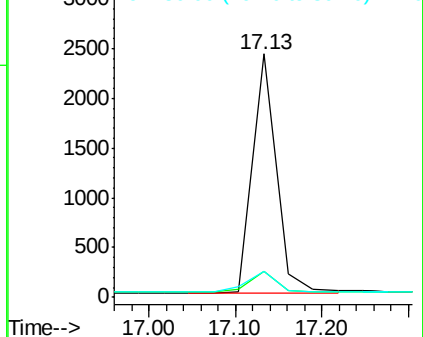
80 10.7 11.7 17.5#



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: 16.44 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BE093059.D

Acq: 19 May 2017 14:00

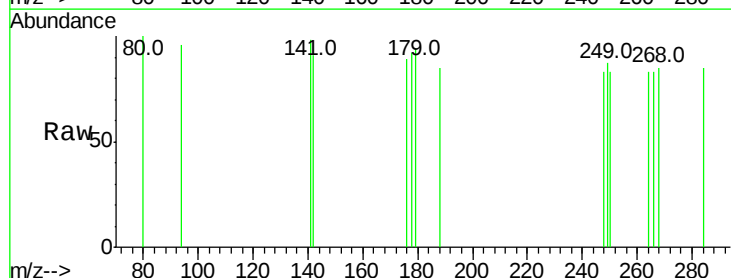
Tgt Ion:284 Resp: 5

Ion Ratio Lower Upper

284 100

142 40.0 0.0 0.0#

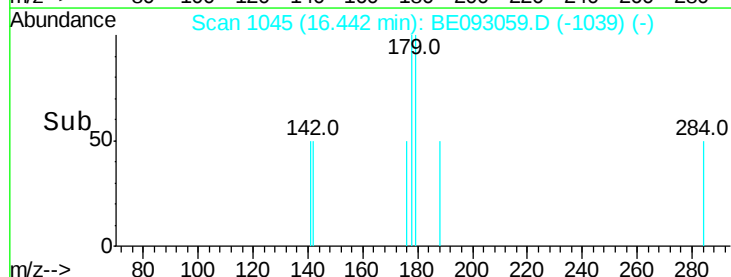
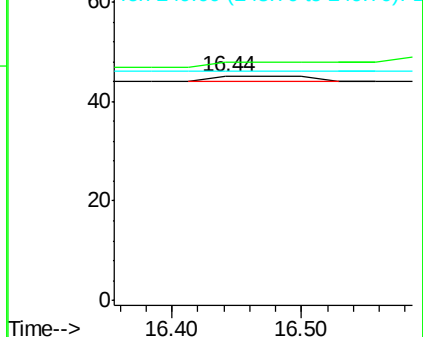
249 0.0 0.0 0.0

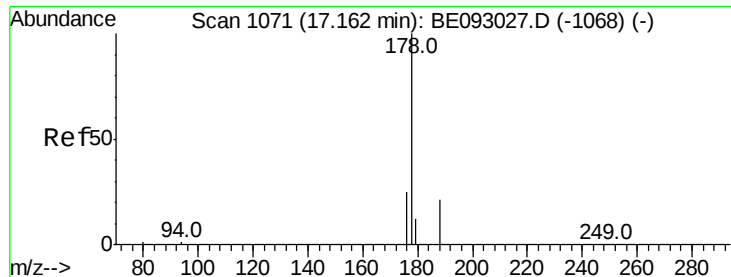


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093059.D

Acq: 19 May 2017 14:00

Instrument :

BNA_E

ClientSampleId :

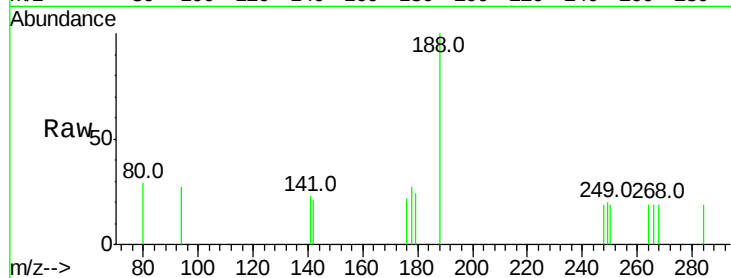
Tot Ion:178 Resp: 55

Ion Ratio Lower Upper

178 100

176 21.8 15.0 22.4

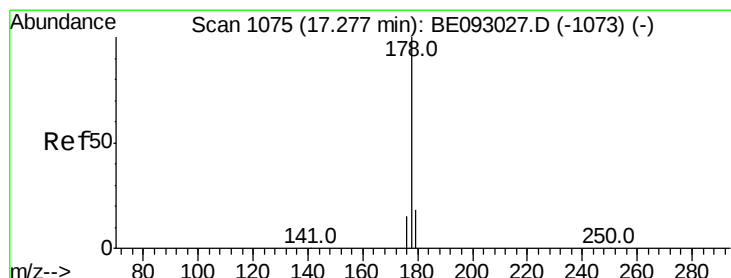
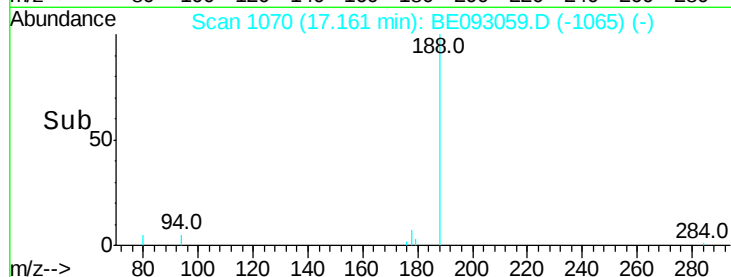
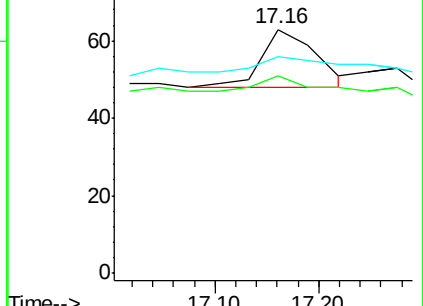
179 30.9 12.7 19.1#



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# 1070

Delta R.T. -0.11 min

Lab File: BE093059.D

Acq: 19 May 2017 14:00

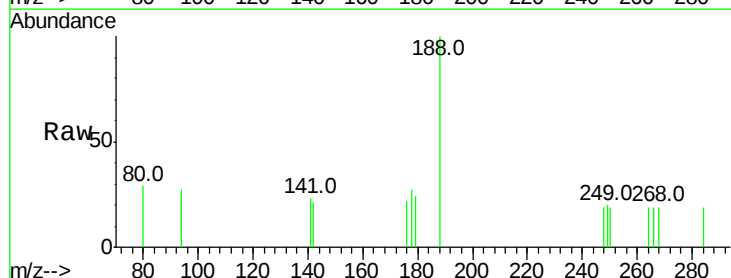
Tgt Ion:178 Resp: 43

Ion Ratio Lower Upper

178 100

176 23.3 14.6 22.0#

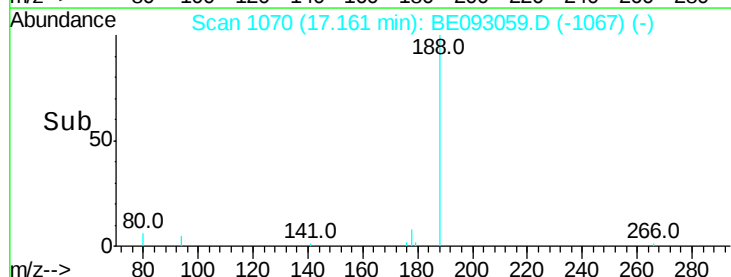
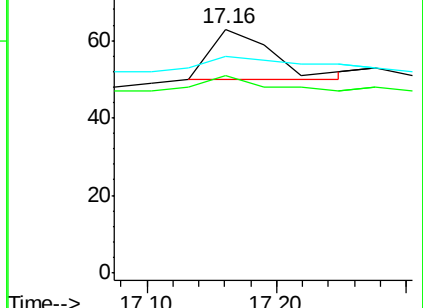
179 48.8 12.0 18.0#

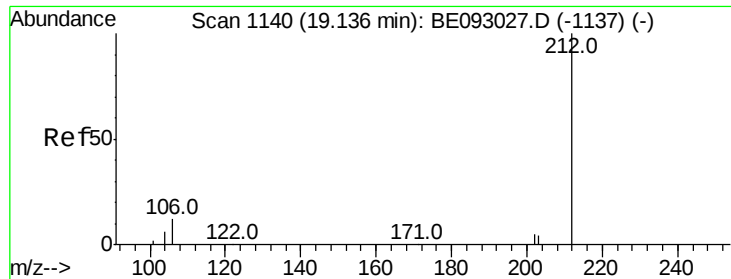


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.30 ng

RT: 19.14 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093059.D

Acq: 19 May 2017 14:00

Instrument :

BNA_E

ClientSampleId :

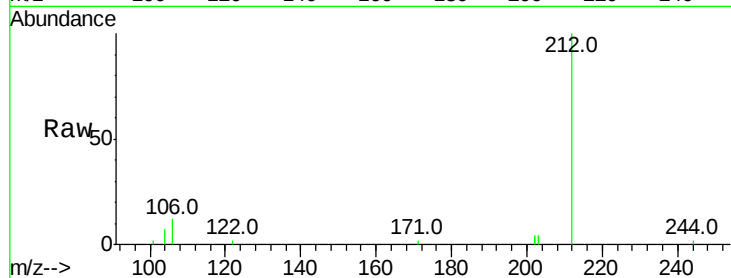
Tot Ion:212 Resp: 3564

Ion Ratio Lower Upper

212 100

106 16.3 0.0 0.0#

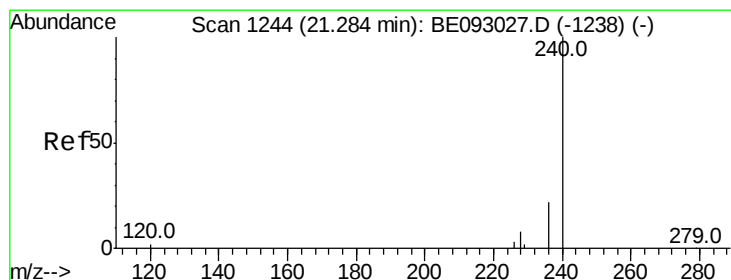
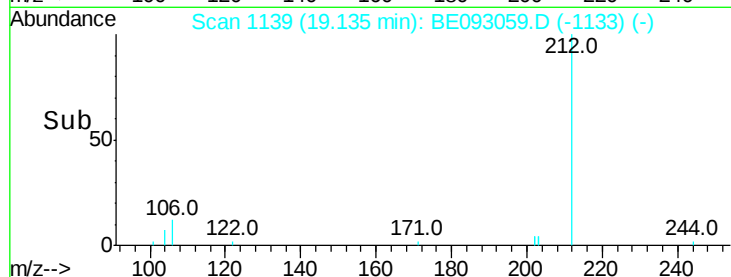
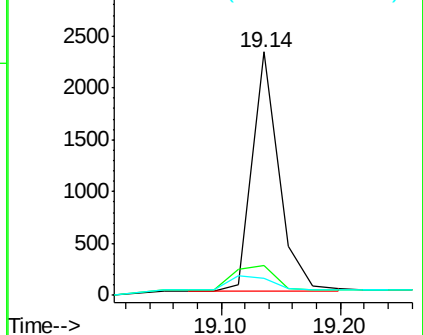
104 0.0 0.0 0.0



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



#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093059.D

Acq: 19 May 2017 14:00

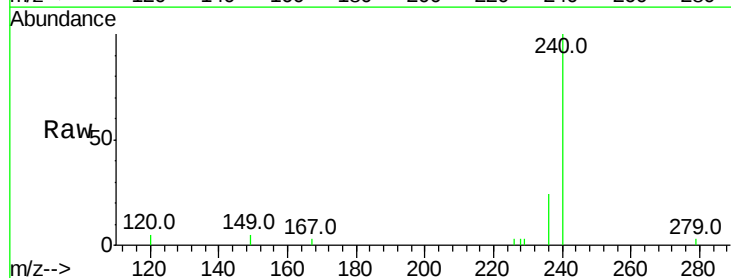
Tgt Ion:240 Resp: 4254

Ion Ratio Lower Upper

240 100

120 5.4 4.6 7.0

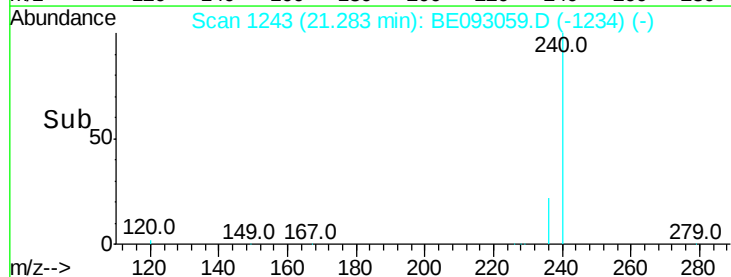
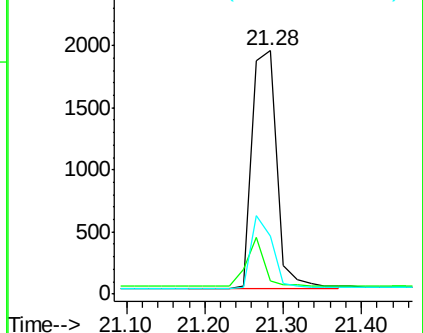
236 23.6 20.8 31.2

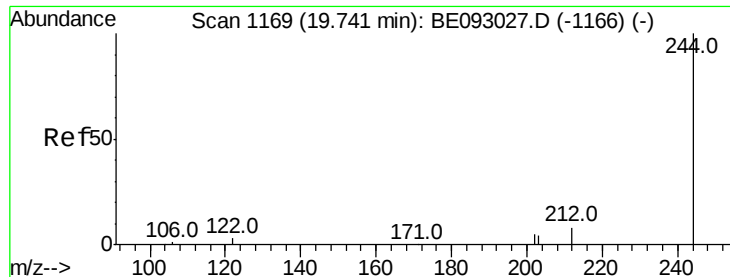


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.38 ng

RT: 19.74 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093059.D

Acq: 19 May 2017 14:00

Instrument :

BNA_E

ClientSampled :

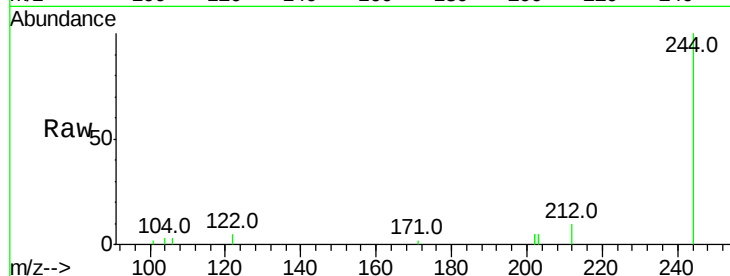
Tot Ion:244 Resp: 3018

Ion Ratio Lower Upper

244 100

212 9.6 10.6 16.0#

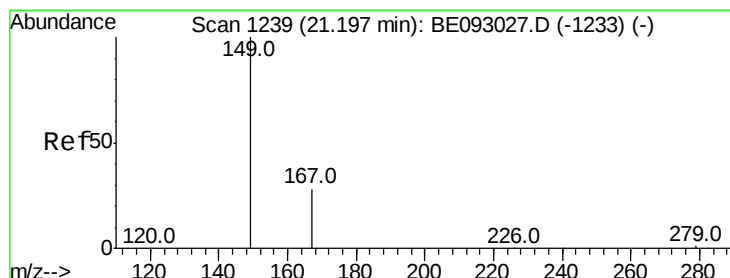
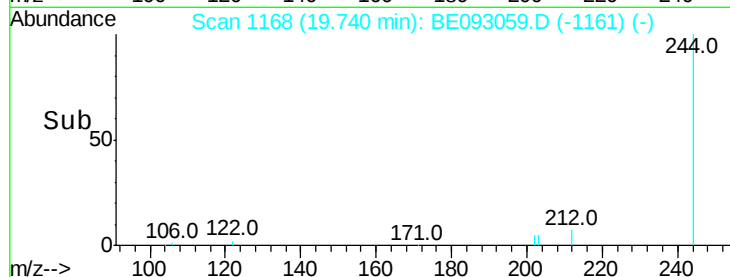
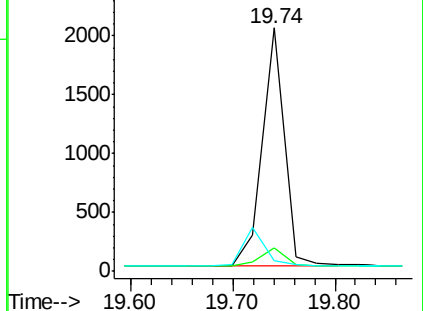
122 4.5 15.4 23.0#



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: 0.12 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE093059.D

Acq: 19 May 2017 14:00

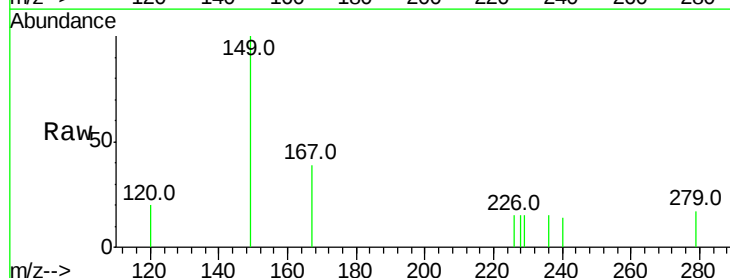
Tgt Ion:149 Resp: 374

Ion Ratio Lower Upper

149 100

167 27.3 20.1 30.1

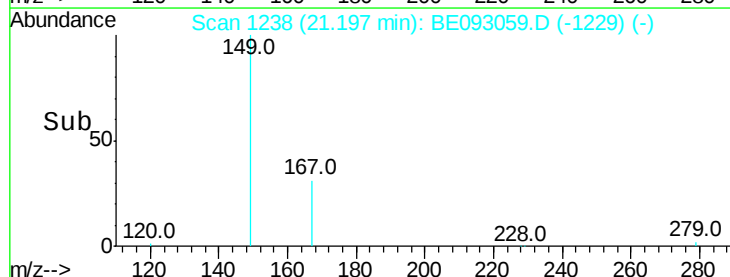
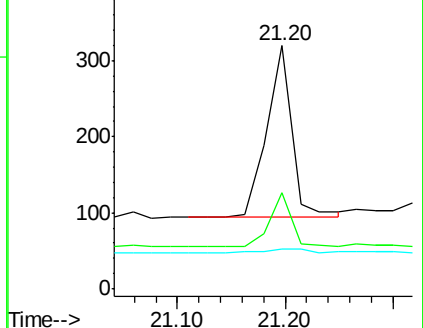
279 5.6 2.2 3.4#

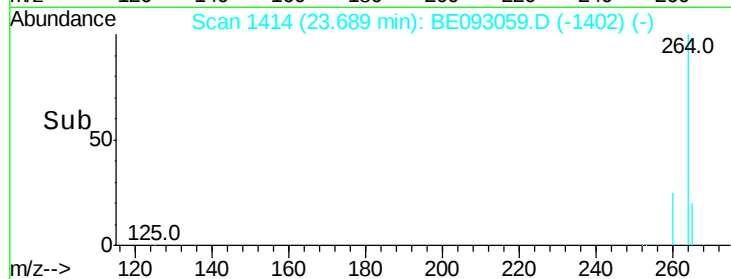
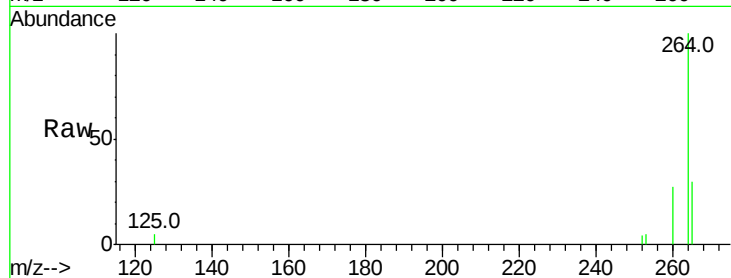
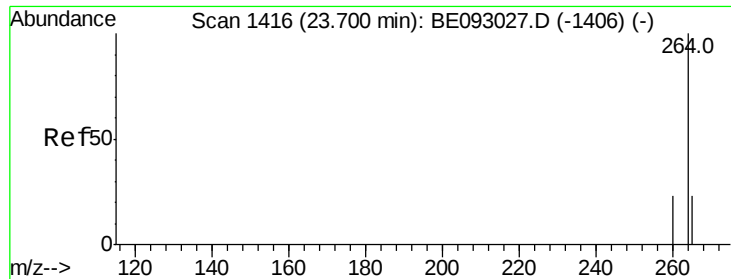


Abundance Ion 149.00 (148.70 to 149.70): E

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# 1414

Delta R.T. -0.01 min

Lab File: BE093059.D

Acq: 19 May 2017 14:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 3789

Ion Ratio Lower Upper

264 100

260 27.3 21.0 31.4

265 29.5 24.6 36.8

