

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121917\
 Data File : BE095036.D
 Acq On : 19 Dec 2017 17:23
 Operator : SJ/JU
 Sample : I6943-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:48:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

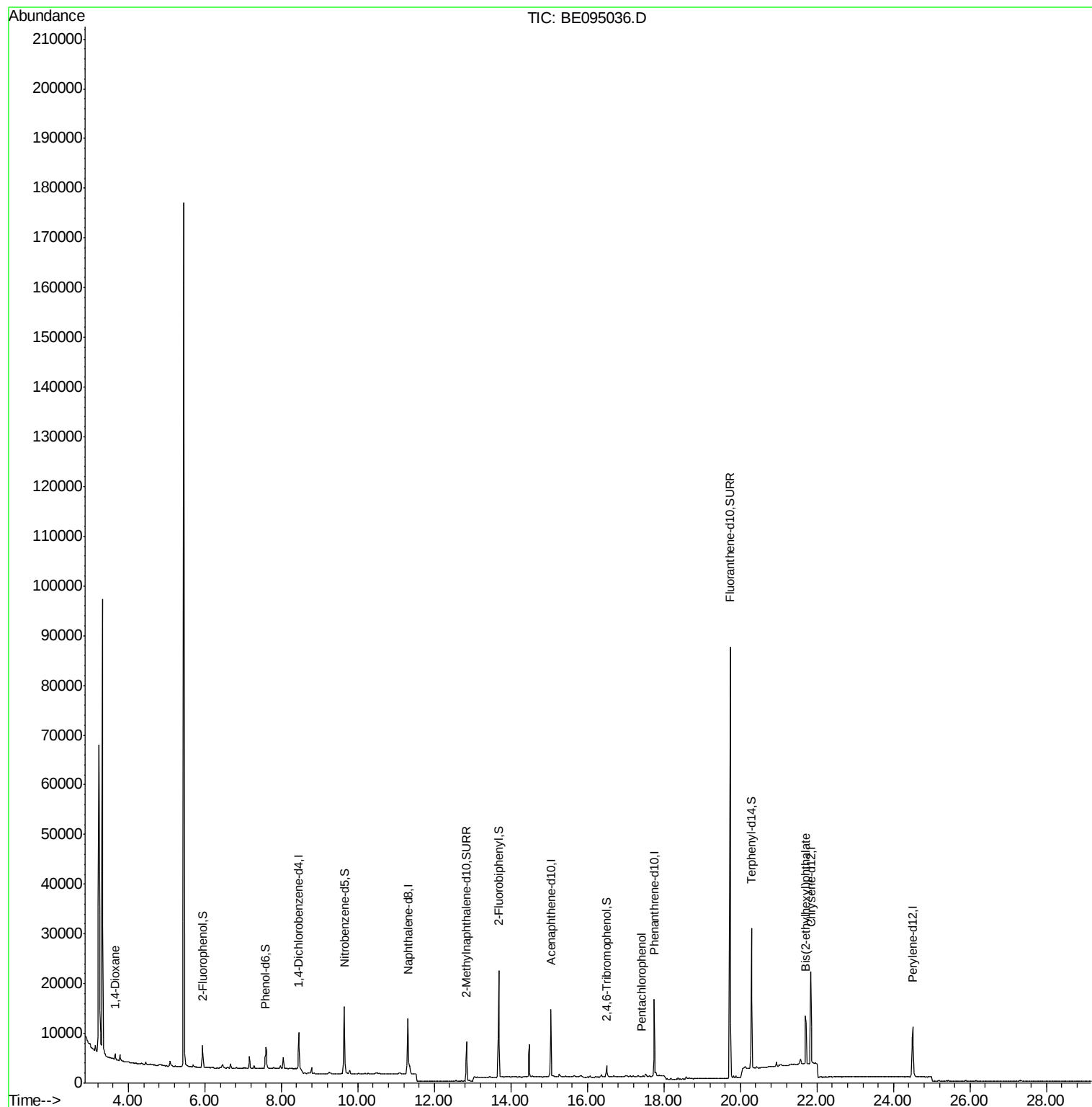
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6283	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	14685	0.40	ng	-0.02
13) Acenaphthene-d10	15.04	164	8287	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	19594	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	19109	0.40	ng	-0.03
34) Perylene-d12	24.50	264	17051	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	2224	0.23	ng	-0.01
5) Phenol-d6	7.59	99	2090	0.14	ng	0.00
8) Nitrobenzene-d5	9.65	82	6406	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	10450	0.43	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	1315	0.68	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	18838	0.51	ng	-0.02
25) Fluoranthene-d10	19.73	212	115812	0.46	ng	-0.02
29) Terphenyl-d14	20.28	244	29551	0.82	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.66	88	893	0.144	ng	Qvalue # 70
22) Pentachlorophenol	17.42	266	13	0.084	ng	94
32) Bis(2-ethylhexyl)phthalate	21.70	149	16628	0.234	ng	100

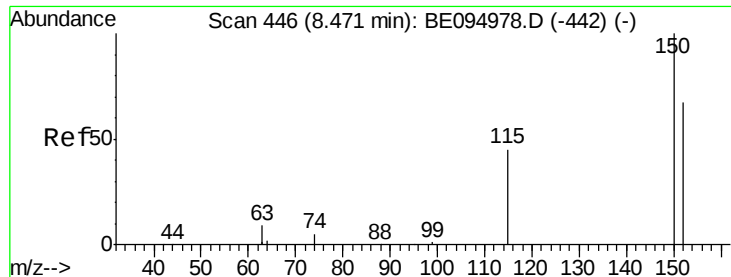
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

Instrument :

BNA_E

ClientSampleId :

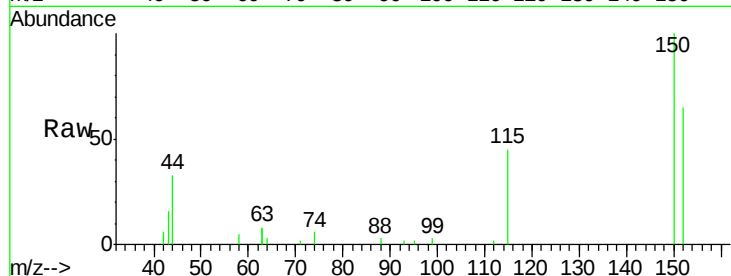
Tot Ion:152 Resp: 6283

Ion Ratio Lower Upper

152 100

150 153.8 117.2 175.8

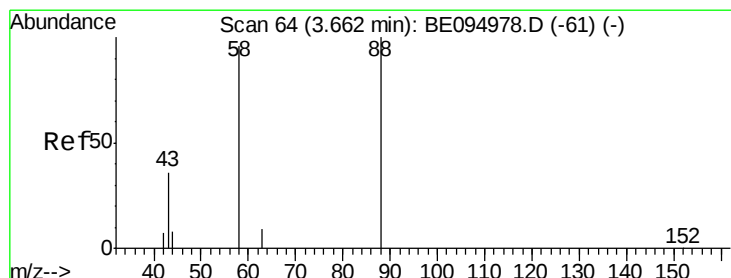
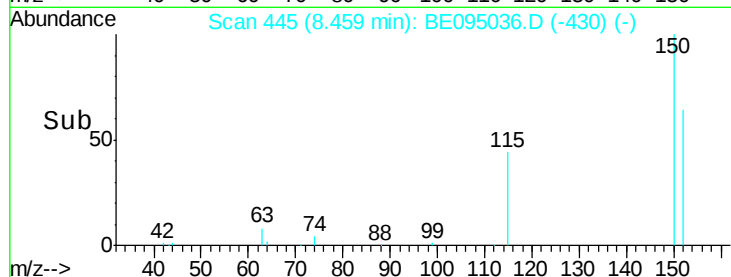
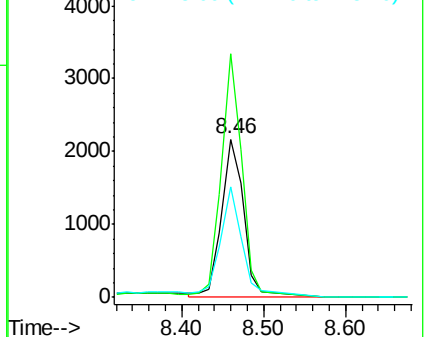
115 69.6 57.0 85.6



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: 0.144 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

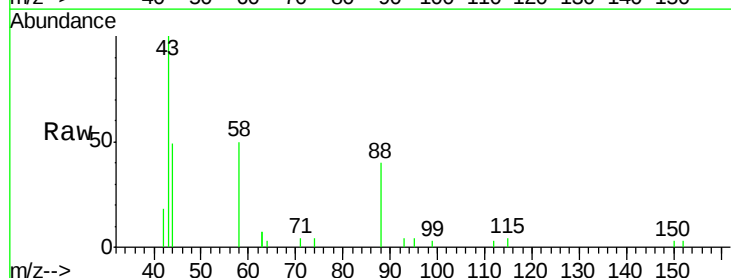
Tgt Ion: 88 Resp: 893

Ion Ratio Lower Upper

88 100

58 80.9 63.2 94.8

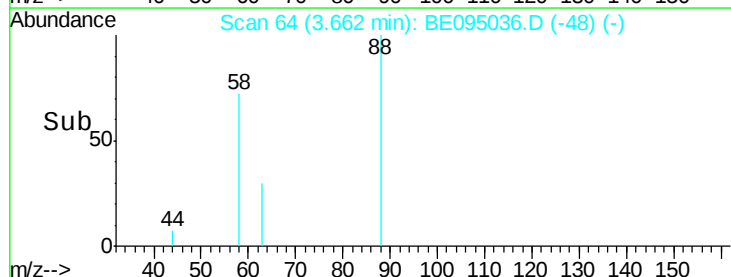
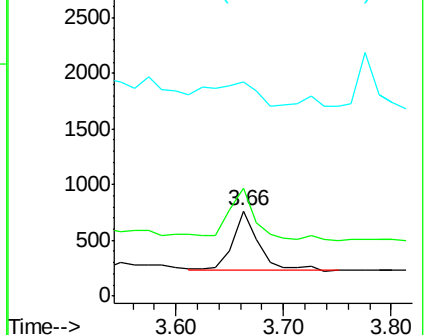
43 0.0 41.2 61.8#

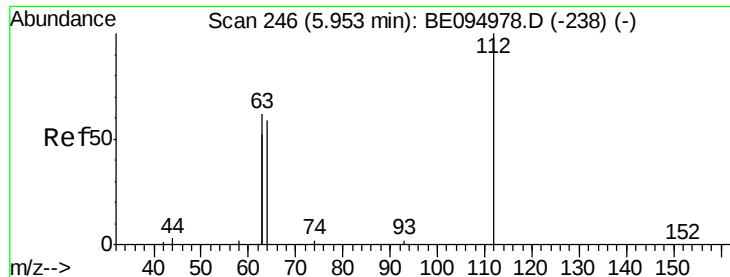


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.228 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

Instrument :

BNA_E

ClientSampled :

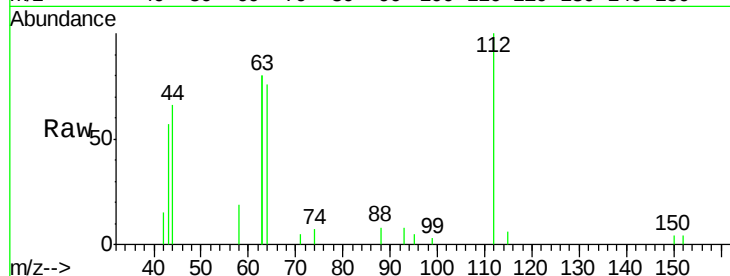
Tot Ion: 112 Resp: 2224

Ion Ratio Lower Upper

112 100

64 73.2 60.1 90.1

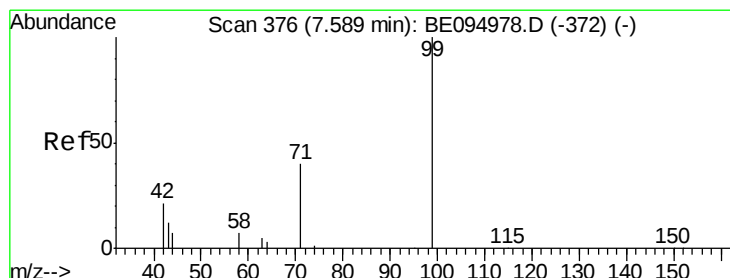
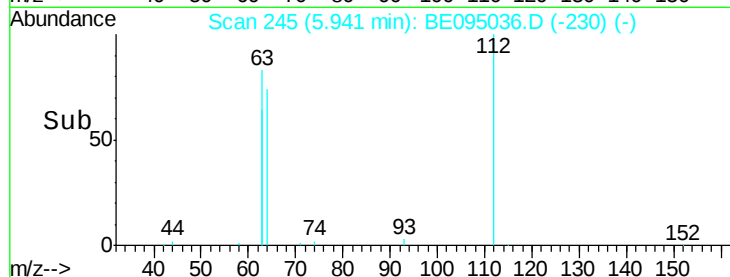
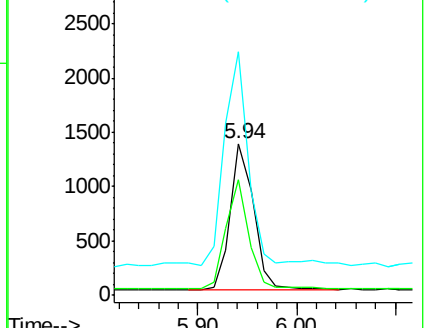
63 151.3 116.8 175.2



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: 0.144 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

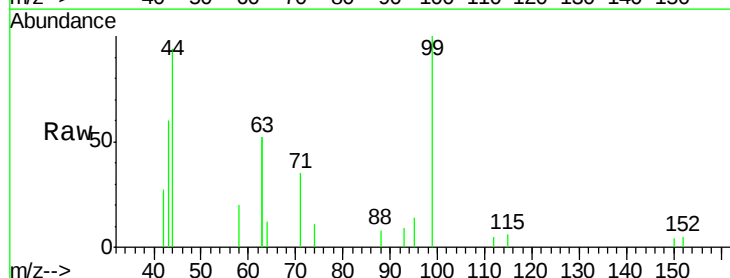
Tgt Ion: 99 Resp: 2090

Ion Ratio Lower Upper

99 100

42 40.0 20.2 30.2#

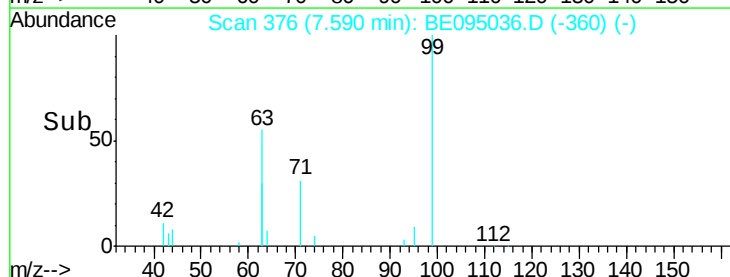
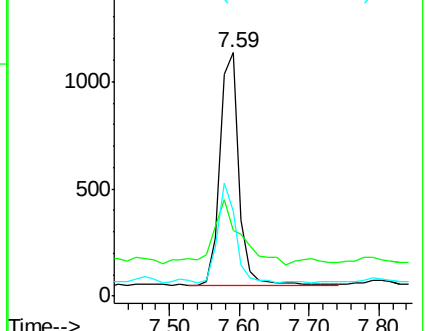
71 40.2 28.4 42.6

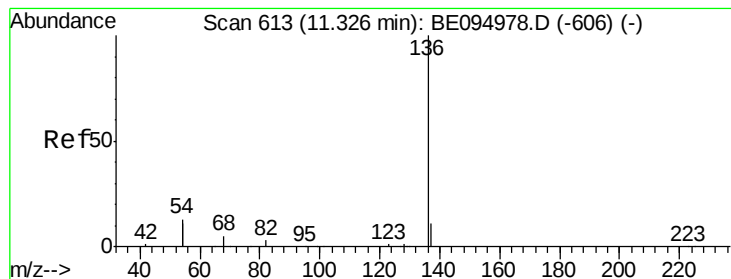


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14685

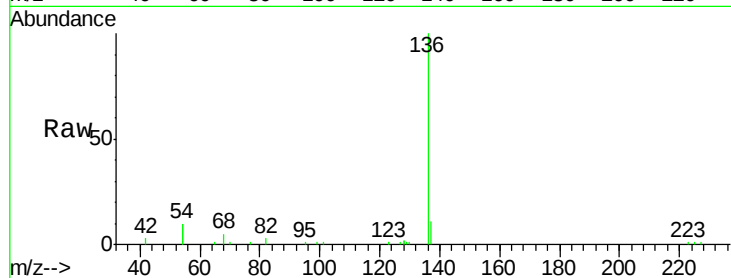
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 20.7 29.1 43.7#

68 5.0 6.2 9.2#

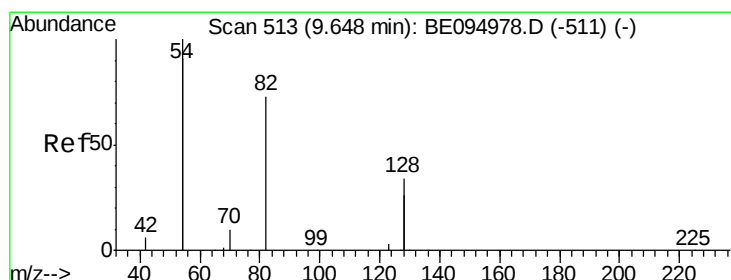
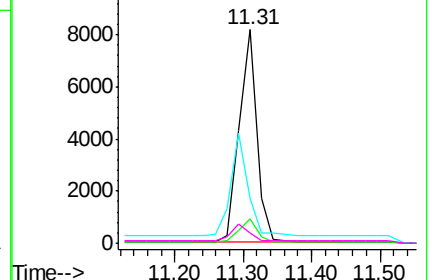
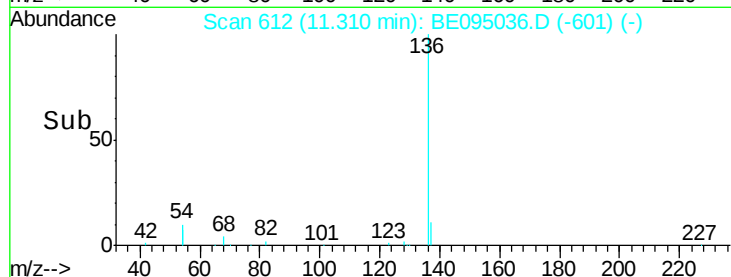


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.532 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

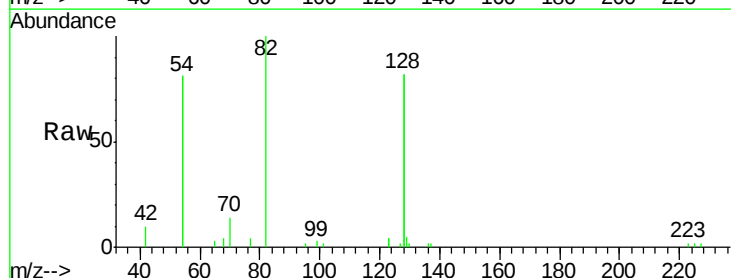
Tgt Ion: 82 Resp: 6406

Ion Ratio Lower Upper

82 100

128 164.5 150.0 225.0

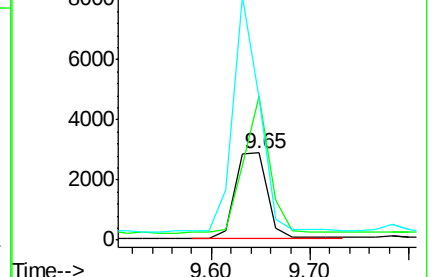
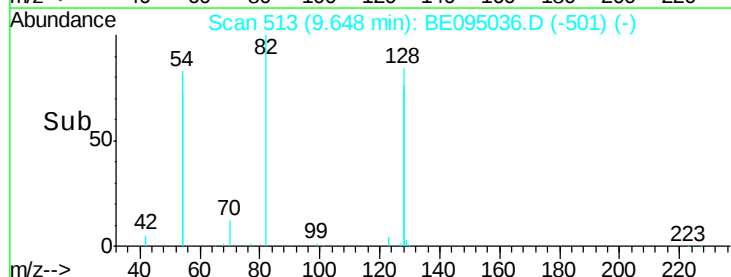
54 162.7 154.2 231.4

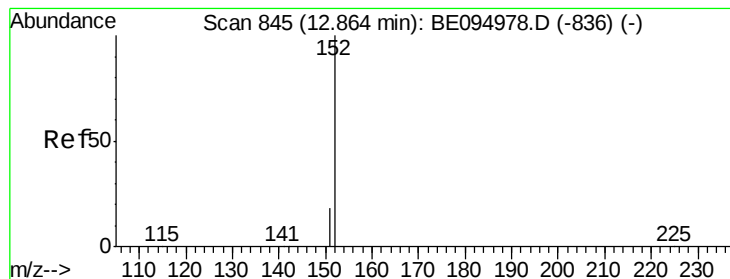


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

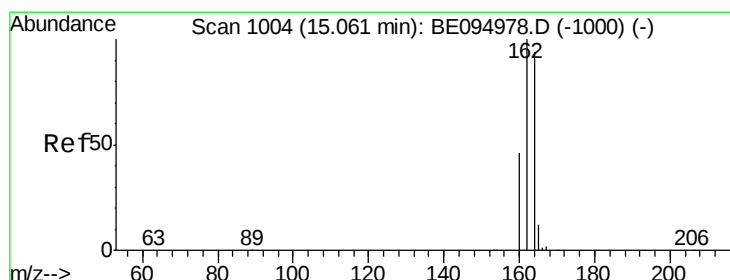
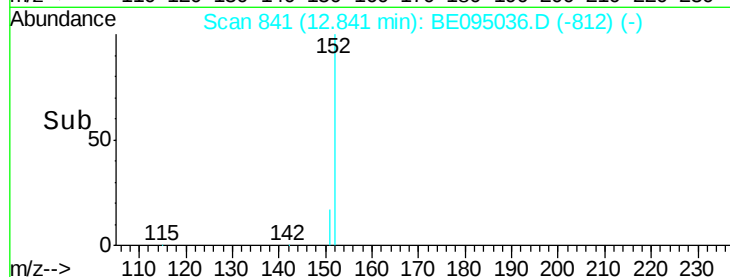
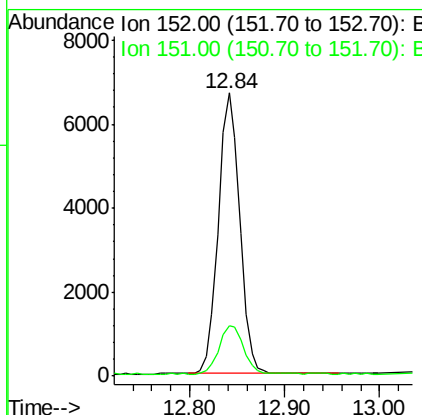
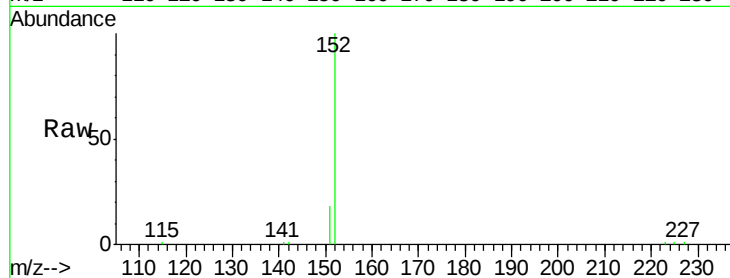




#11
 2-Methylnaphthalene-d10
 Concen: 0.434 ng
 RT: 12.84 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BE095036.D
 Acq: 19 Dec 2017 17:23

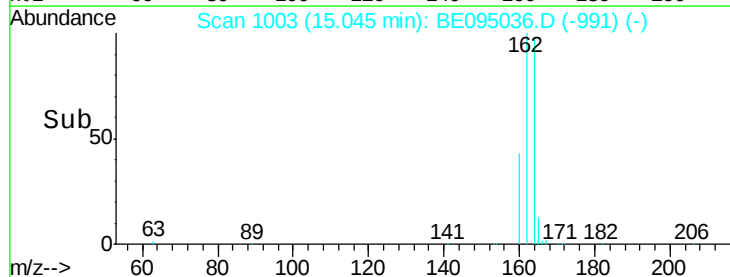
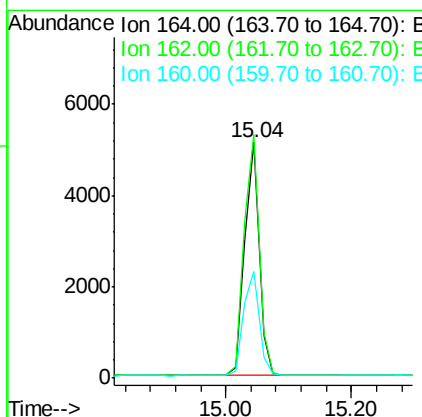
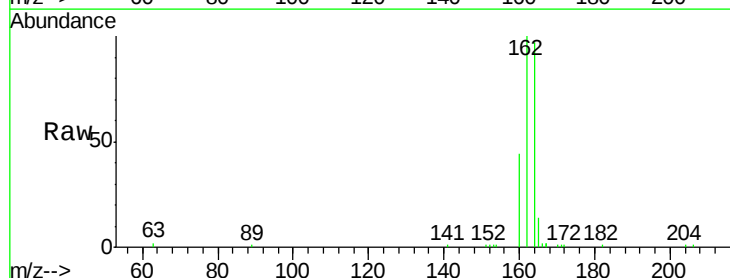
Instrument :
 BNA_E
 ClientSampleId :

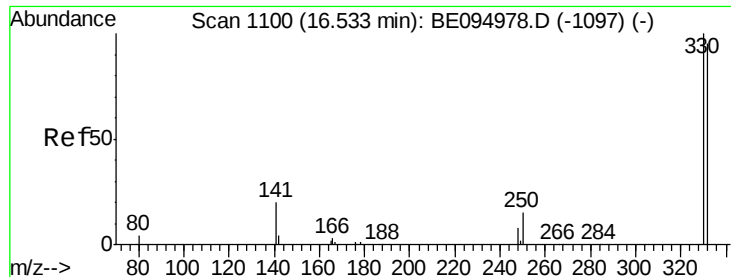
Tot Ion:152 Resp: 10450
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.04 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BE095036.D
 Acq: 19 Dec 2017 17:23

Tgt Ion:164 Resp: 8287
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.1 124.7
 160 45.2 37.1 55.7

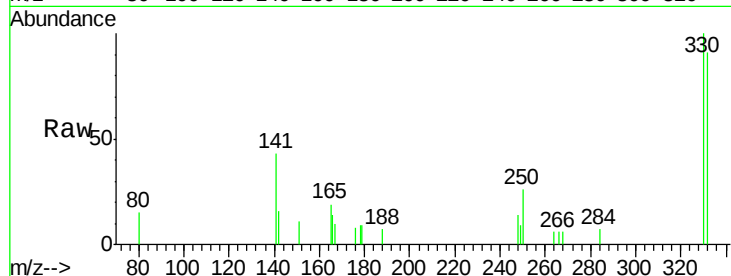




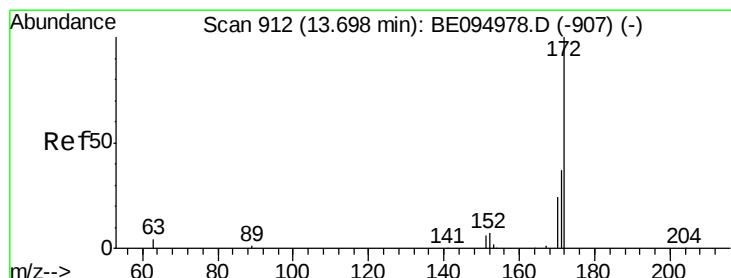
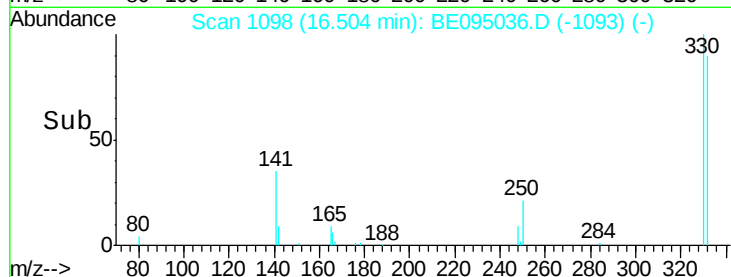
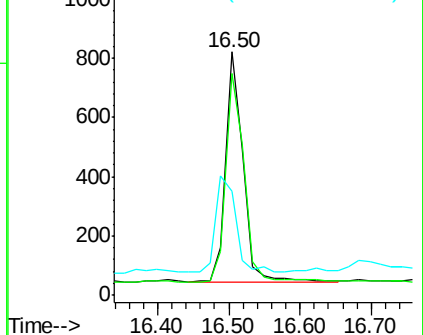
#14
 2,4,6-Tribromophenol
 Concen: 0.683 ng
 RT: 16.50 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BE095036.D
 Acq: 19 Dec 2017 17:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1315
 Ion Ratio Lower Upper
 330 100
 332 94.7 152.7 229.1#
 141 47.1 33.7 50.5

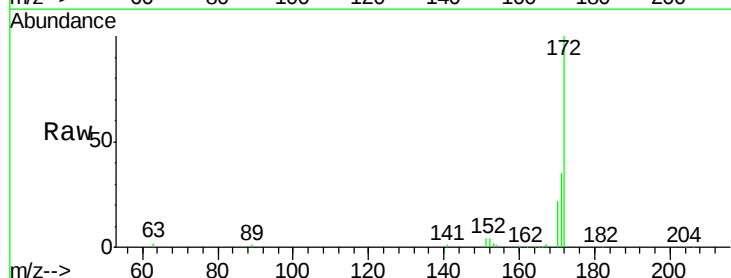


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

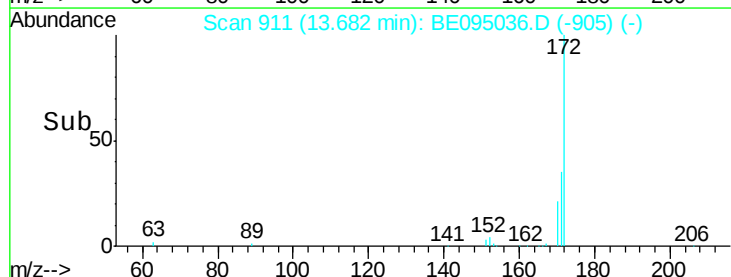
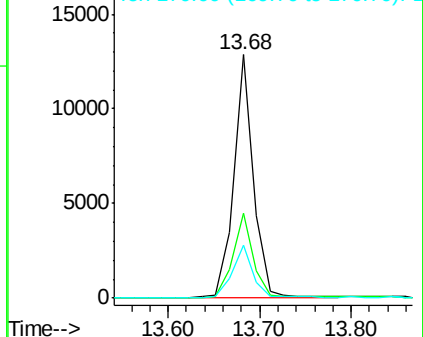


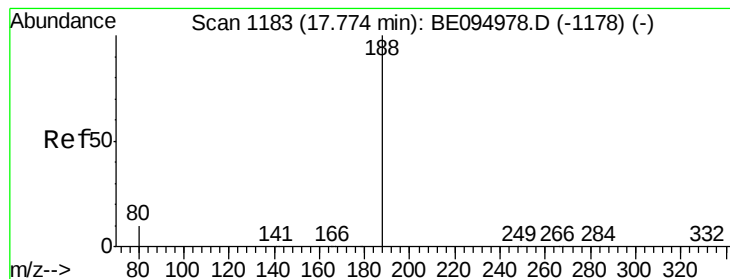
#15
 2-Fluorobiphenyl
 Concen: 0.513 ng
 RT: 13.68 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BE095036.D
 Acq: 19 Dec 2017 17:23

Tgt Ion:172 Resp: 18838
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.9 44.9
 170 21.8 21.8 32.8#



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: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

Instrument :

BNA_E

ClientSampleId :

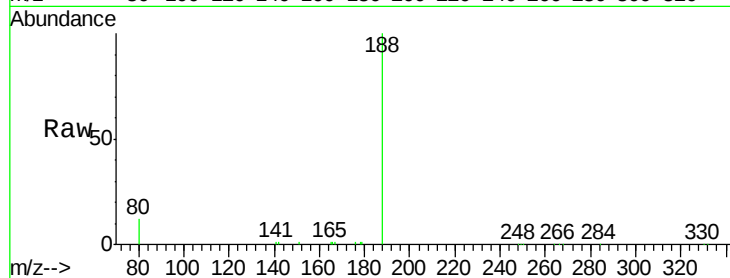
Tot Ion:188 Resp: 19594

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

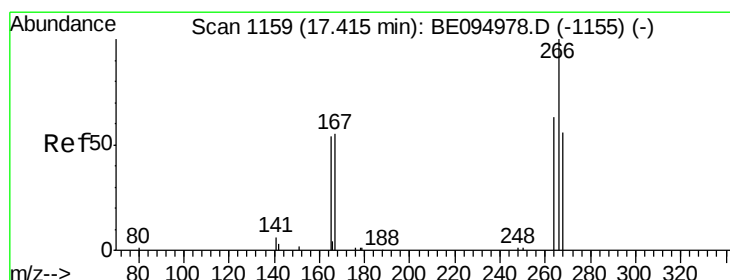
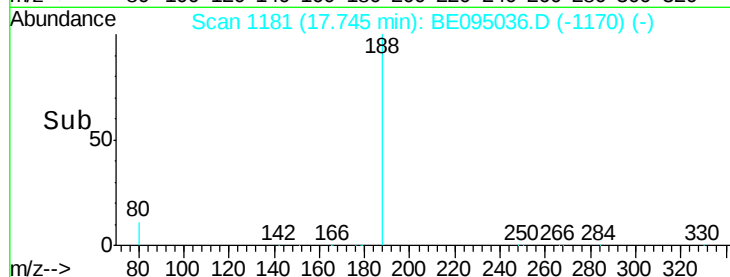
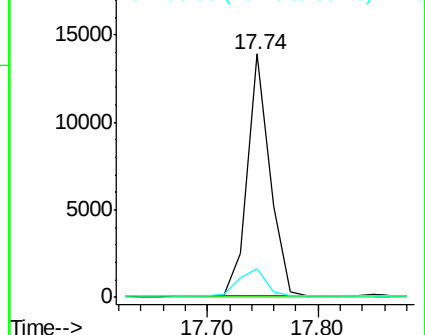
80 11.9 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.084 ng

RT: 17.42 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

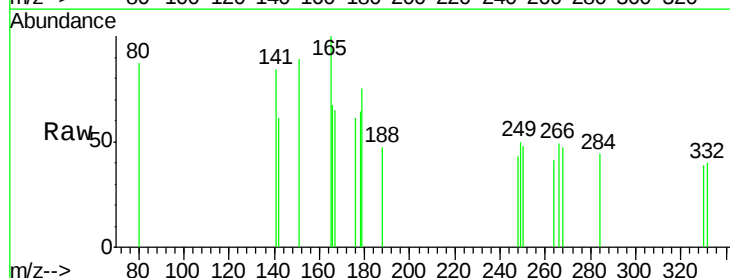
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 83.9 72.5 108.7

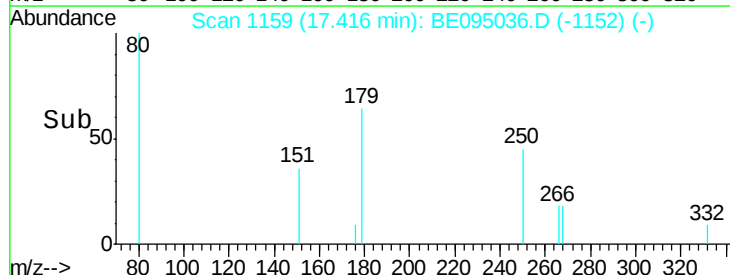
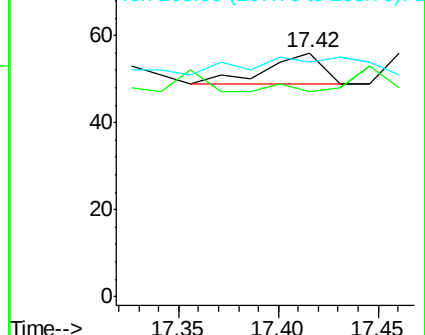
268 96.4 73.8 110.6

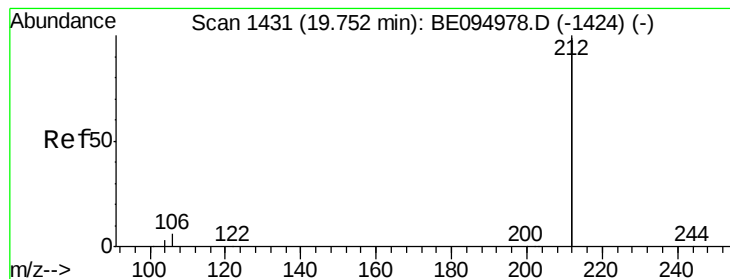


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.456 ng

RT: 19.73 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

Instrument :

BNA_E

ClientSampleId :

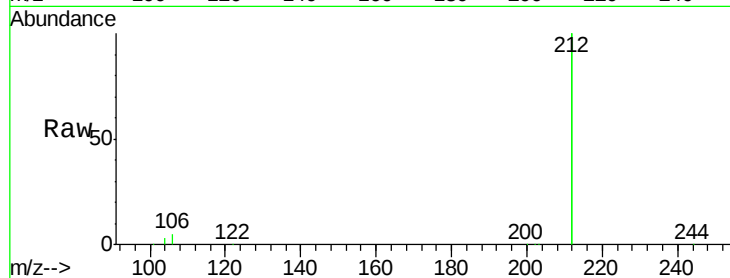
Tot Ion:212 Resp: 115812

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

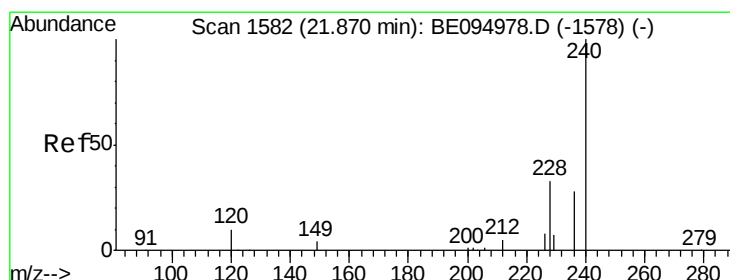
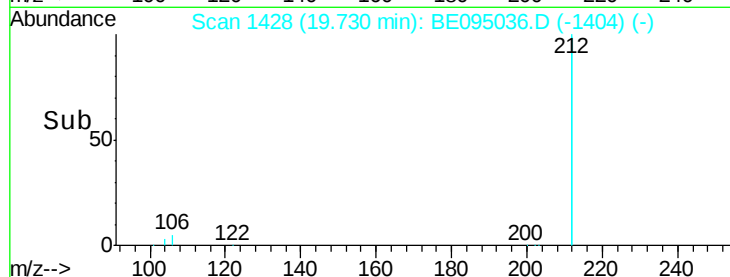
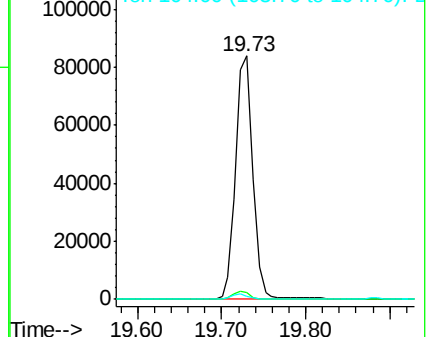
104 1.9 1.6 2.4



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: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

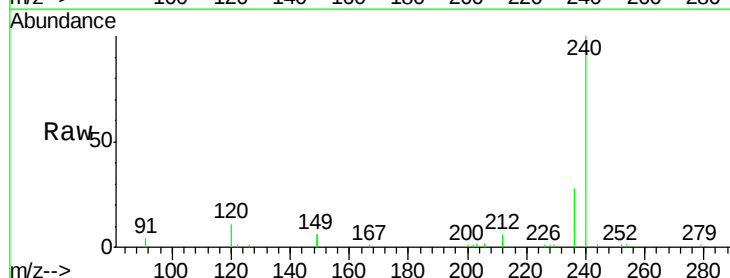
Tgt Ion:240 Resp: 19109

Ion Ratio Lower Upper

240 100

120 11.0 5.5 8.3#

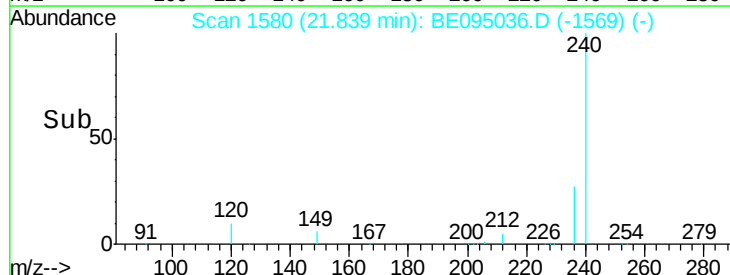
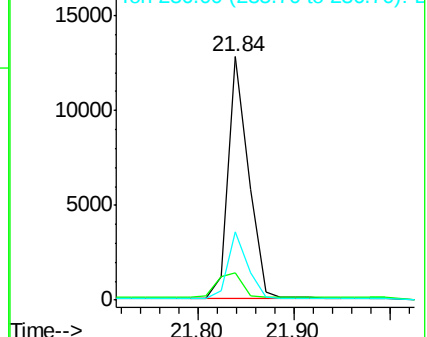
236 27.9 20.7 31.1

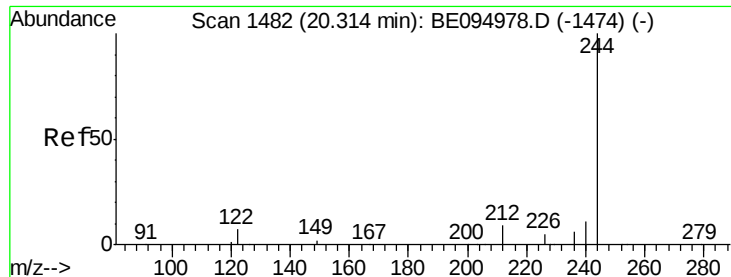


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.821 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

Instrument :

BNA_E

ClientSampleId :

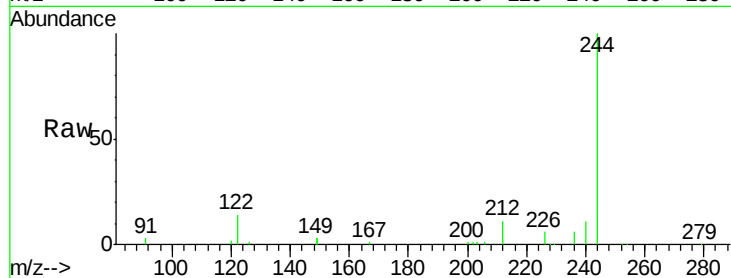
Tot Ion:244 Resp: 29551

Ion Ratio Lower Upper

244 100

212 11.3 25.4 38.0#

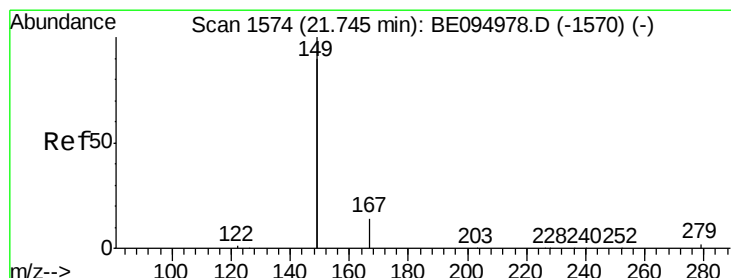
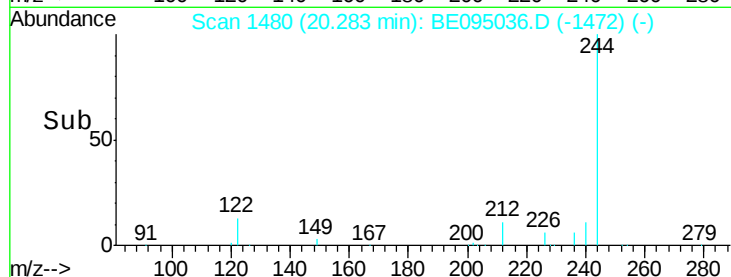
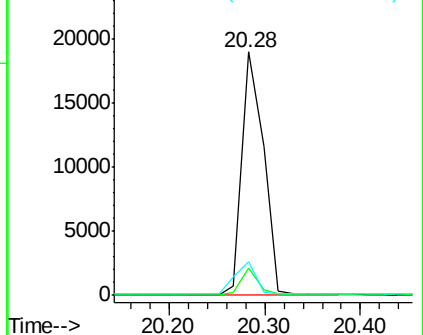
122 14.0 8.1 12.1#



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: 0.234 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

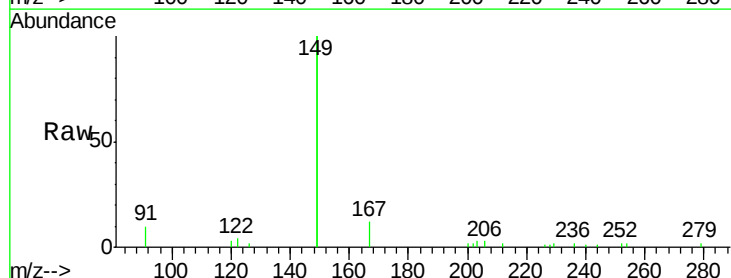
Tgt Ion:149 Resp: 16628

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

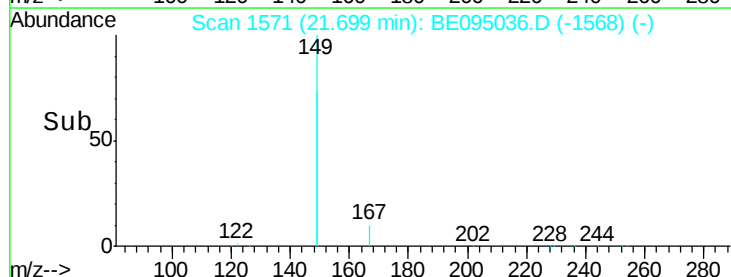
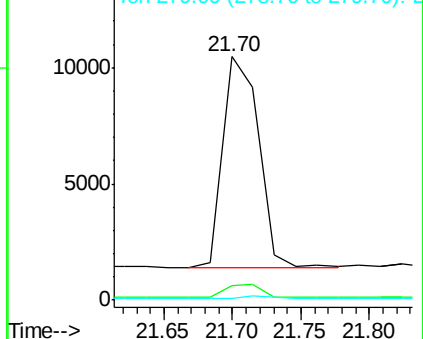
279 0.8 0.7 1.1

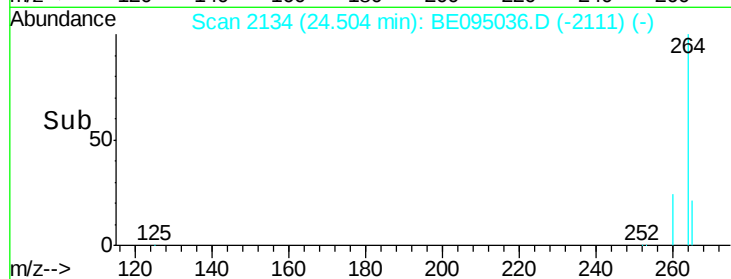
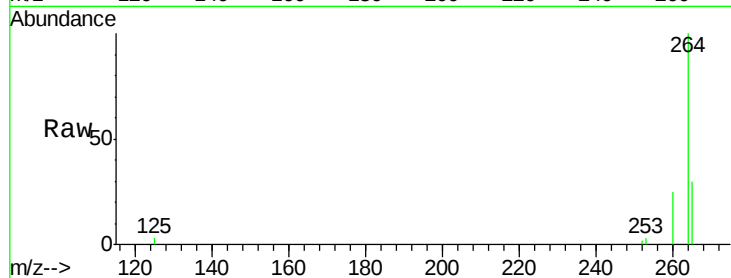
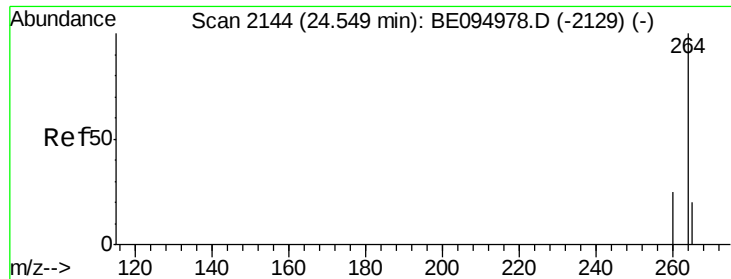


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.50 min Scan# 2134

Delta R.T. -0.05 min

Lab File: BE095036.D

Acq: 19 Dec 2017 17:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 17051

Ion Ratio Lower Upper

264 100

260 24.8 20.5 30.7

265 29.9 22.8 34.2

