

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE121917\
 Data File : BE095034.D
 Acq On : 19 Dec 2017 16:12
 Operator : SJ/JU
 Sample : I6943-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ458I-20171214

Quant Time: Dec 20 01:22:15 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

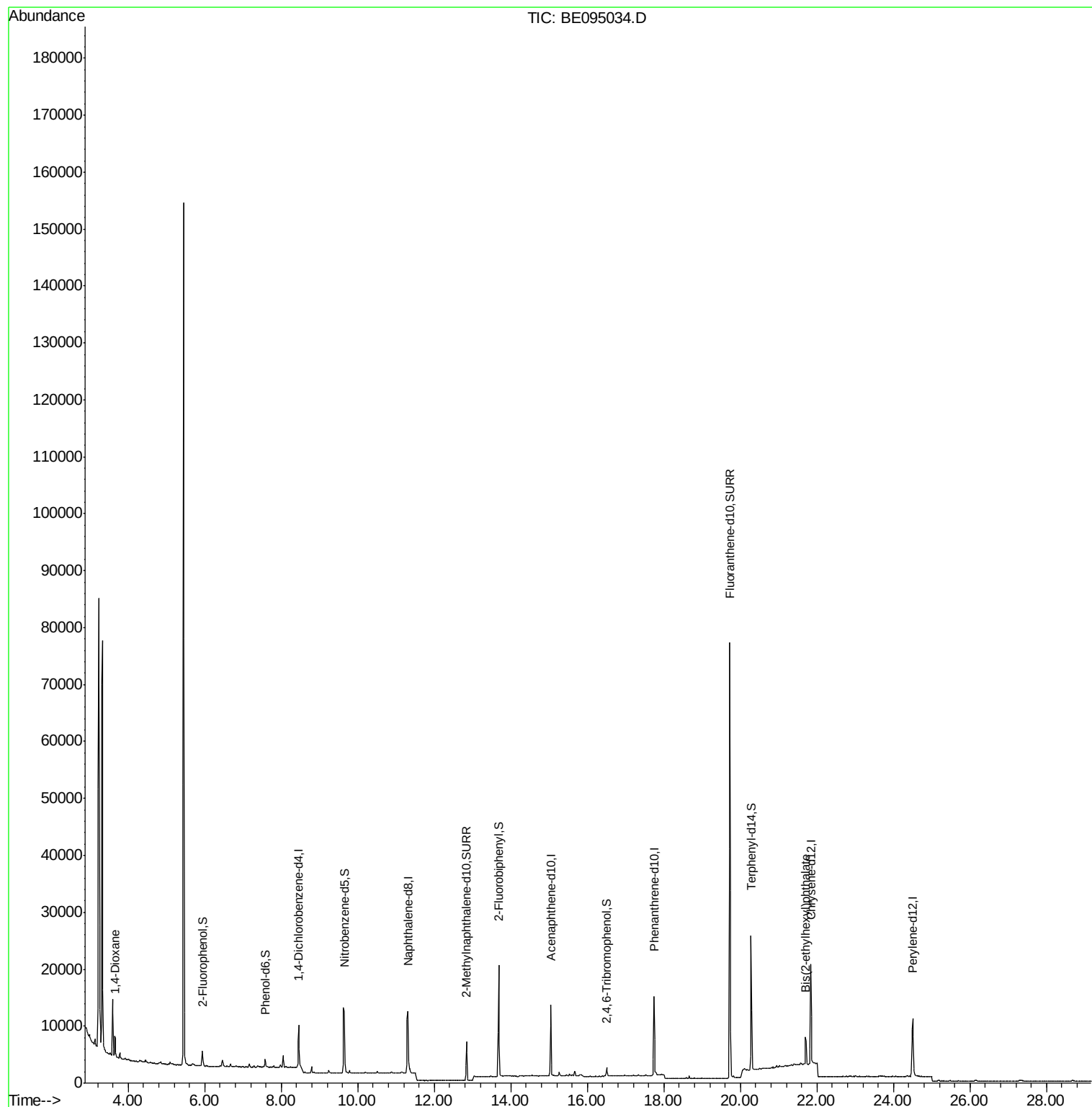
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5981	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	14074	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	7694	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	18594	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	19029	0.40	ng	-0.03
34) Perylene-d12	24.50	264	16318	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1519	0.16	ng	0.00
5) Phenol-d6	7.58	99	1231	0.09	ng	0.00
8) Nitrobenzene-d5	9.65	82	5610	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	9507	0.41	ng	-0.03
14) 2,4,6-Tribromophenol	16.50	330	919	0.51	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	17377	0.51	ng	-0.02
25) Fluoranthene-d10	19.72	212	103760	0.43	ng	-0.03
29) Terphenyl-d14	20.28	244	24100	0.67	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.67	88	2700	0.458	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.70	149	8270	0.117	ng	# 99

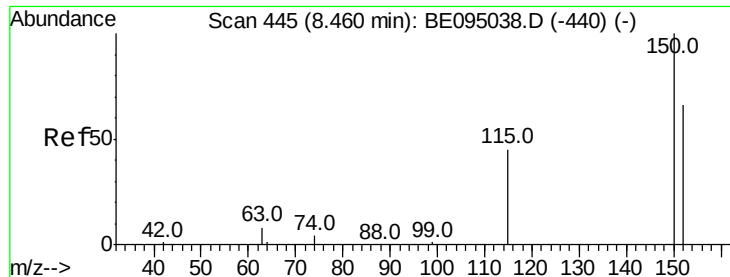
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20171214

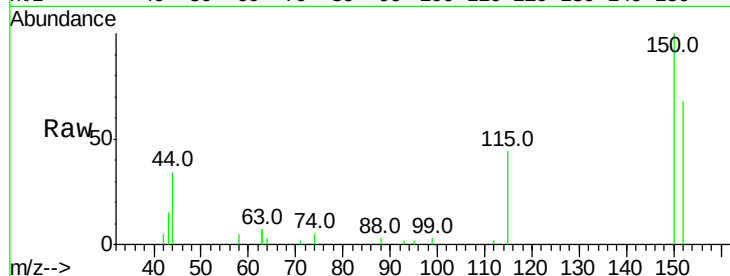
Tot Ion:152 Resp: 5981

Ion Ratio Lower Upper

152 100

150 146.8 117.2 175.8

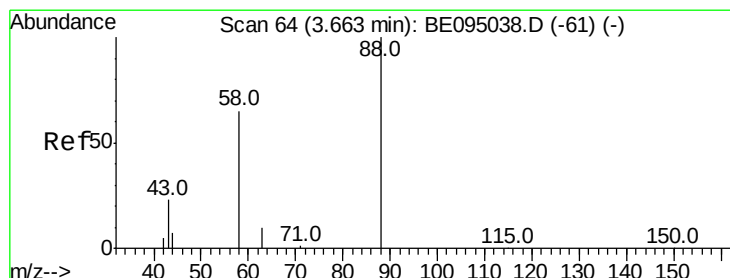
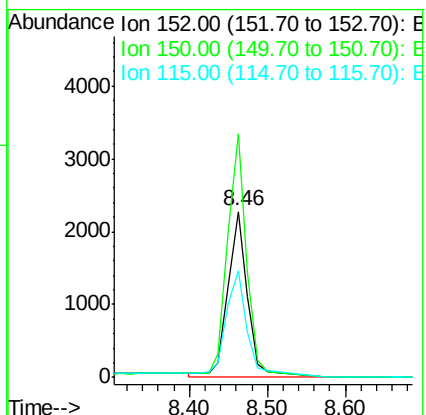
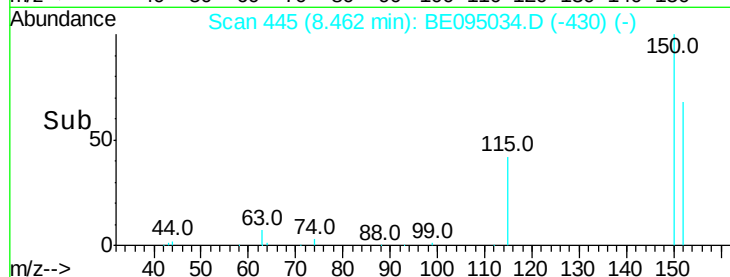
115 64.2 57.0 85.6



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: 0.458 ng

RT: 3.67 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

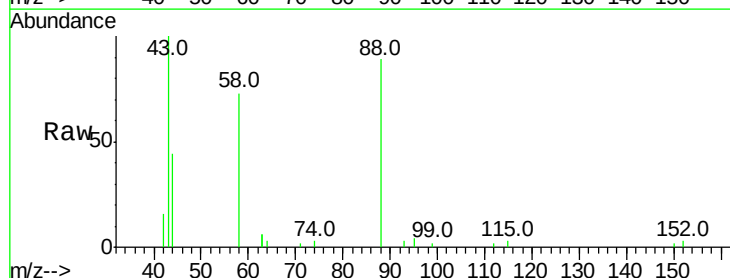
Tgt Ion: 88 Resp: 2700

Ion Ratio Lower Upper

88 100

58 93.4 63.2 94.8

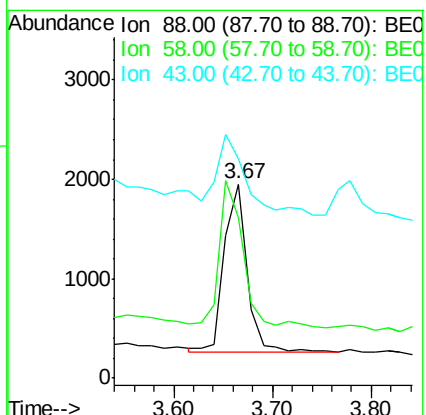
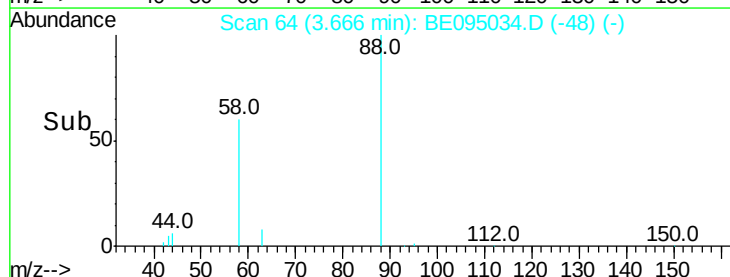
43 62.0 41.2 61.8#

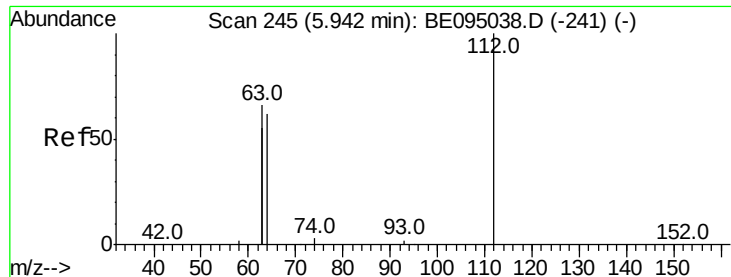


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.164 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20171214

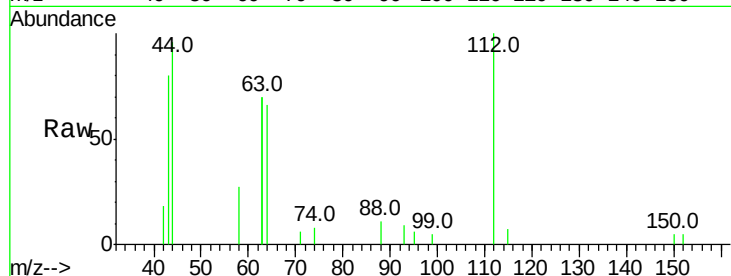
Tot Ion: 112 Resp: 1519

Ion Ratio Lower Upper

112 100

64 70.9 60.1 90.1

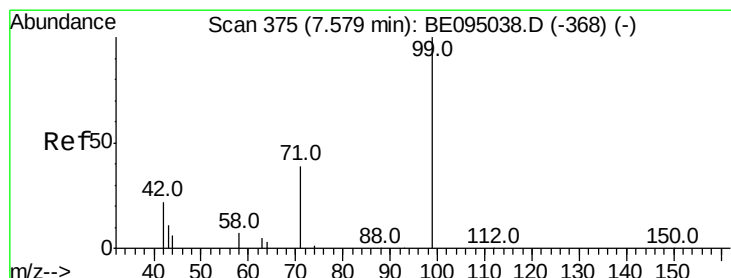
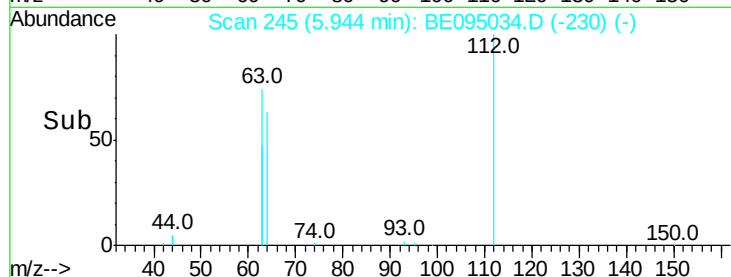
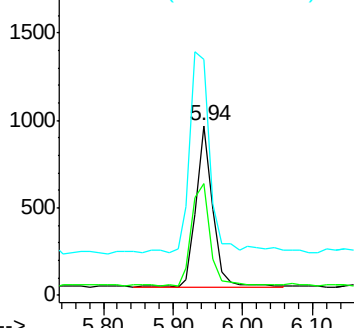
63 160.9 116.8 175.2



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: 0.089 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

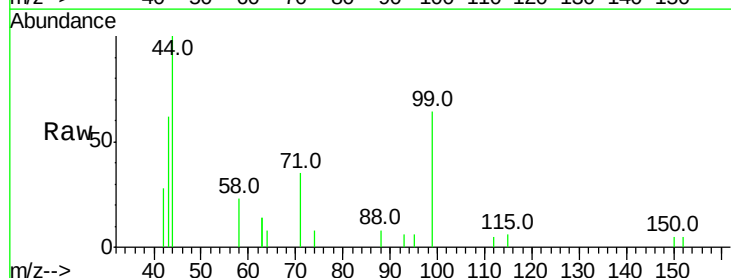
Tgt Ion: 99 Resp: 1231

Ion Ratio Lower Upper

99 100

42 26.6 20.2 30.2

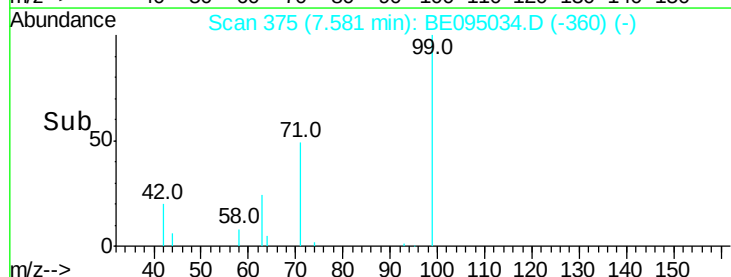
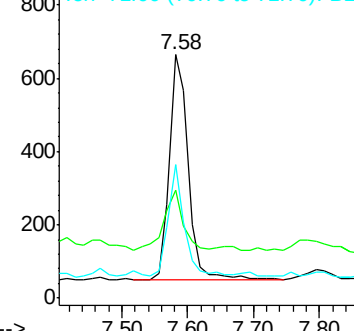
71 43.9 28.4 42.6#

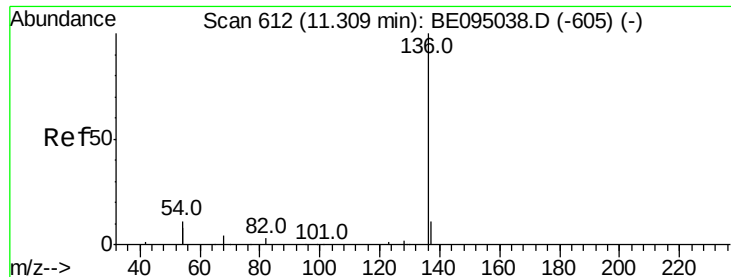


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE095034.D

Acq: 19 Dec 2017 16:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20171214

Tot Ion:136 Resp: 14074

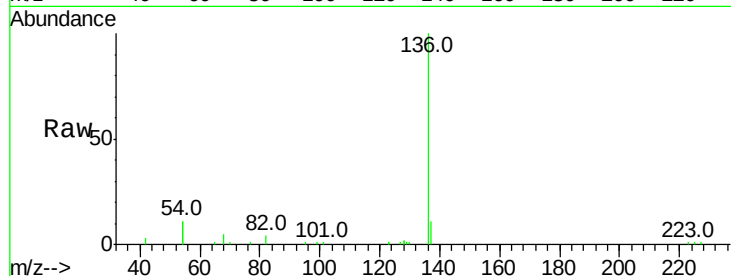
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 22.3 29.1 43.7#

68 5.0 6.2 9.2#

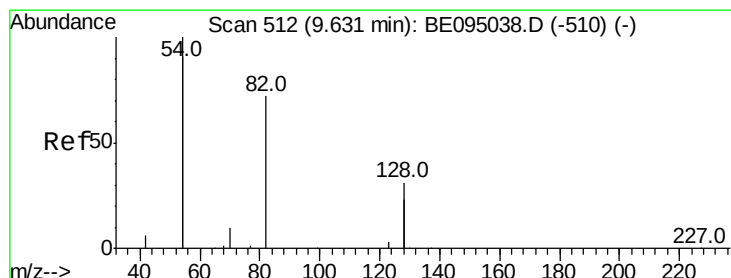
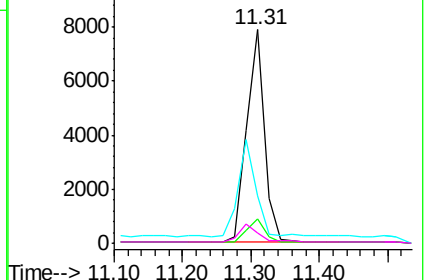
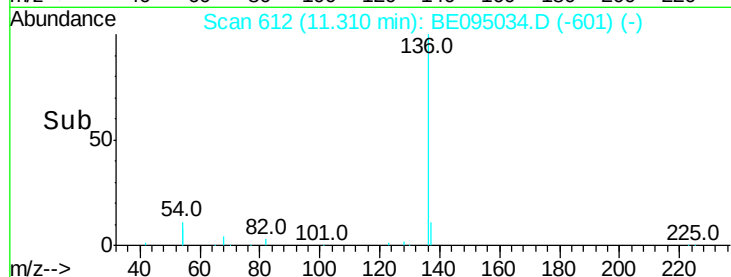


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.486 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

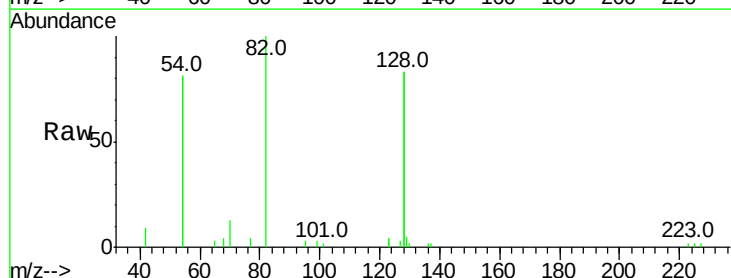
Tgt Ion: 82 Resp: 5610

Ion Ratio Lower Upper

82 100

128 165.3 150.0 225.0

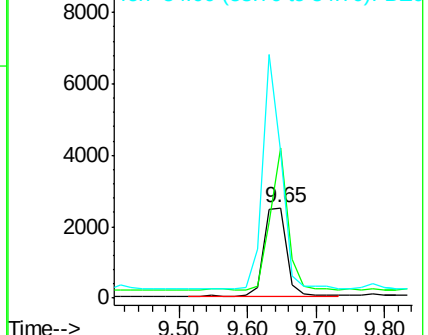
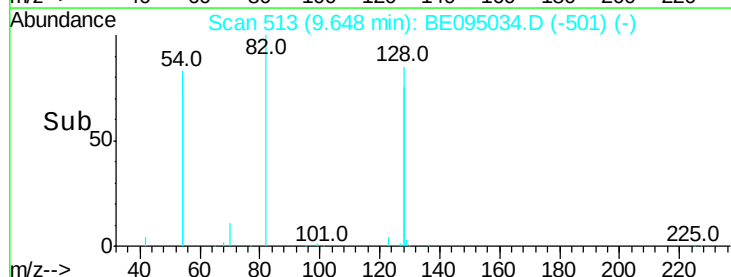
54 161.3 154.2 231.4

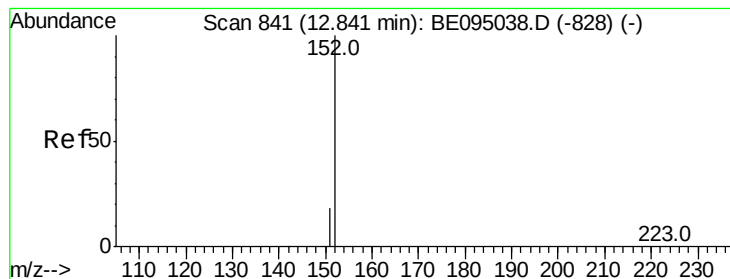


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.412 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.03 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

Instrument :

BNA_E

ClientSampleId :

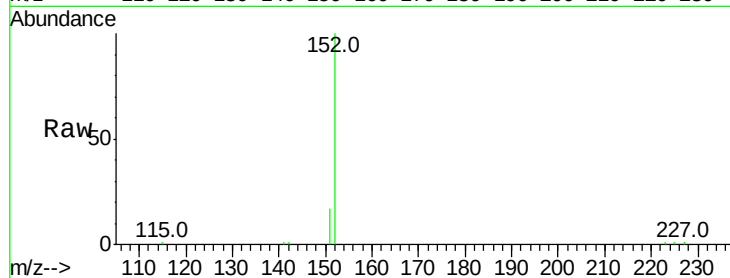
FT-PZ458I-20171214

Tot Ion:152 Resp: 9507

Ion Ratio Lower Upper

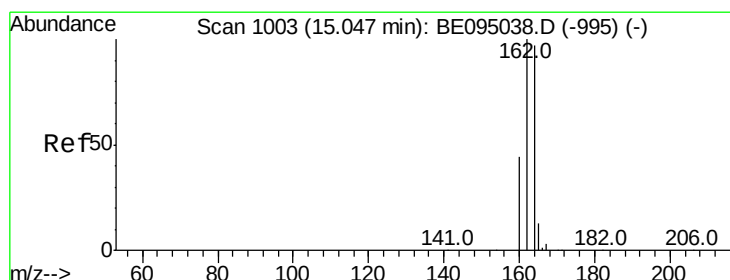
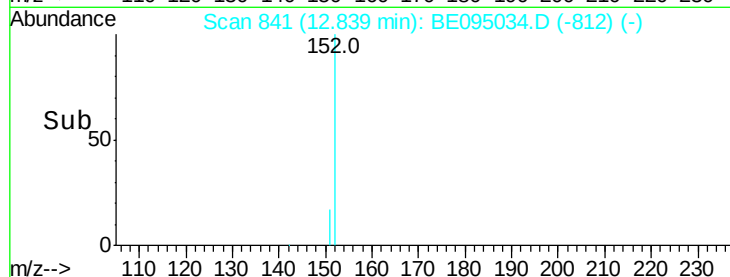
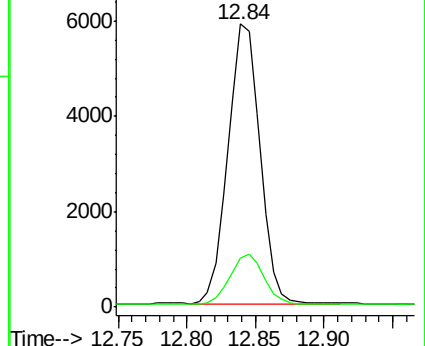
152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.05 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

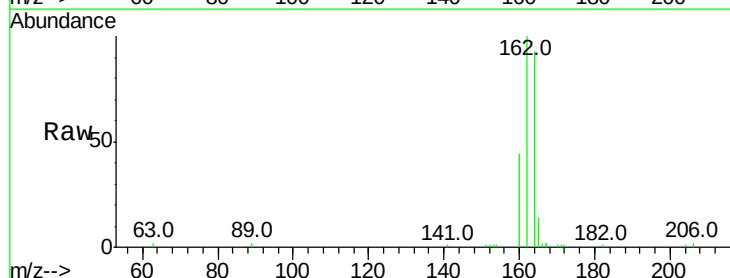
Tgt Ion:164 Resp: 7694

Ion Ratio Lower Upper

164 100

162 107.0 83.1 124.7

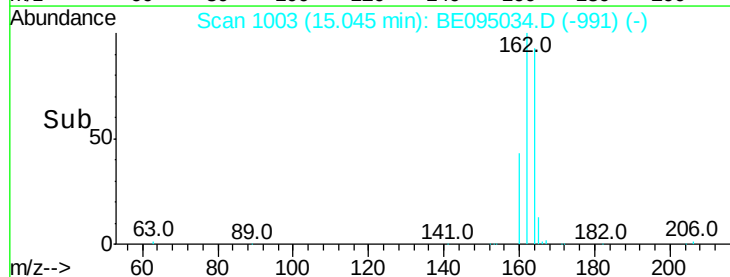
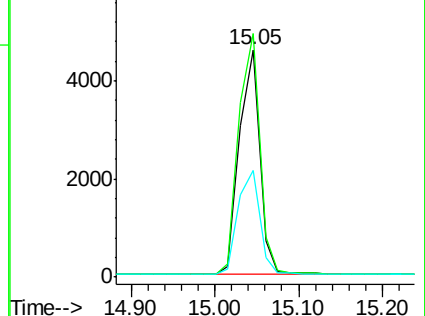
160 47.1 37.1 55.7

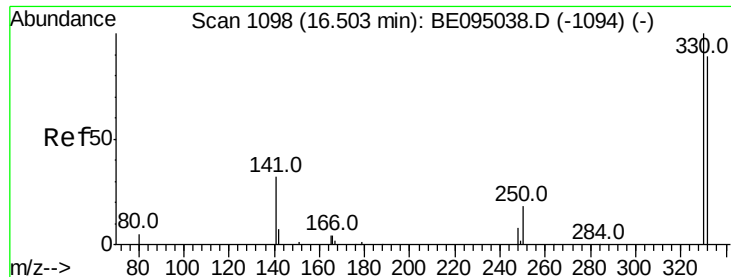


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.514 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20171214

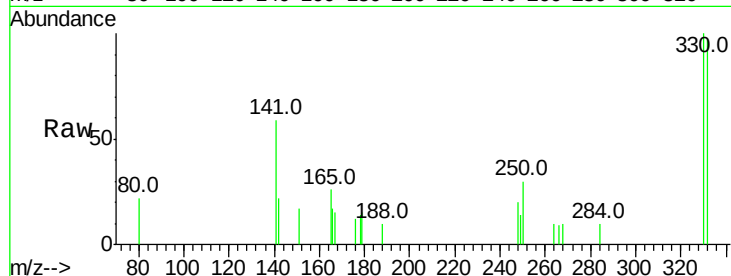
Tot Ion:330 Resp: 919

Ion Ratio Lower Upper

330 100

332 99.7 152.7 229.1#

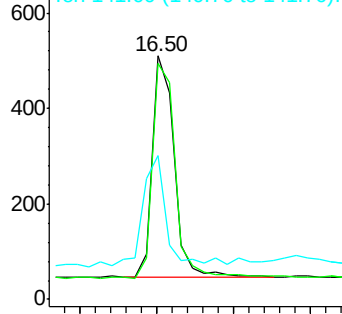
141 50.3 33.7 50.5



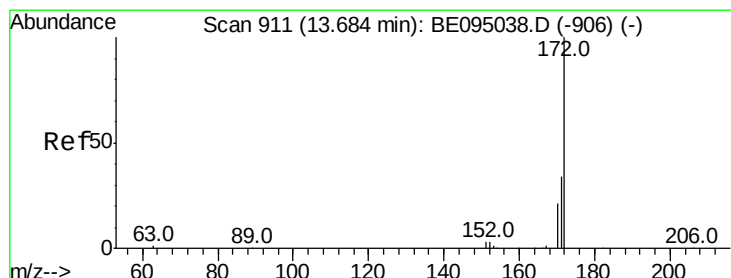
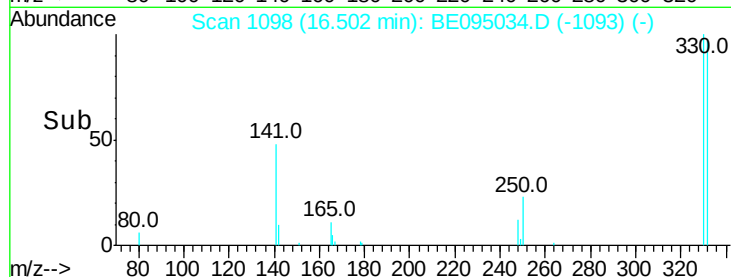
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 0.510 ng

RT: 13.68 min Scan# 911

Delta R.T. -0.02 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

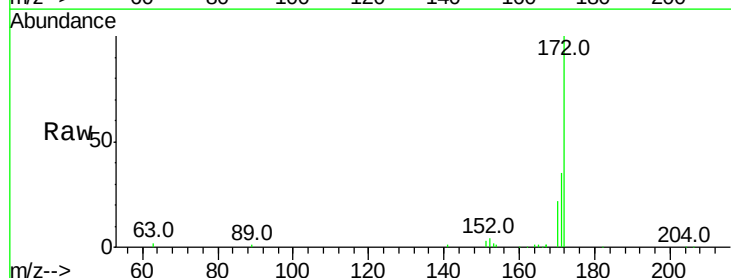
Tgt Ion:172 Resp: 17377

Ion Ratio Lower Upper

172 100

171 34.8 29.9 44.9

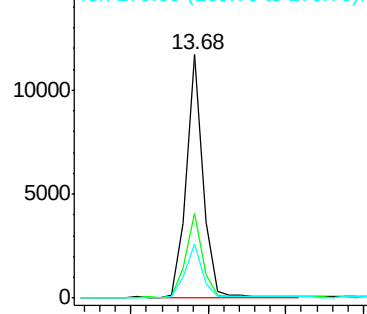
170 22.1 21.8 32.8



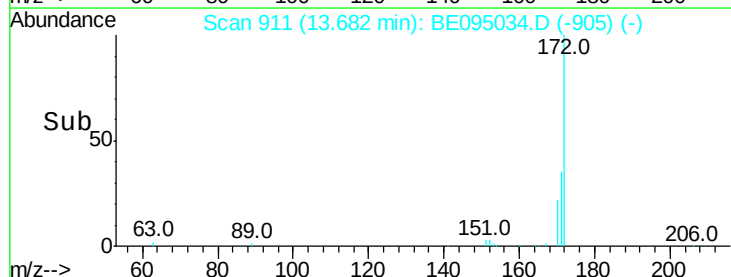
Abundance Ion 172.00 (171.70 to 172.70): E

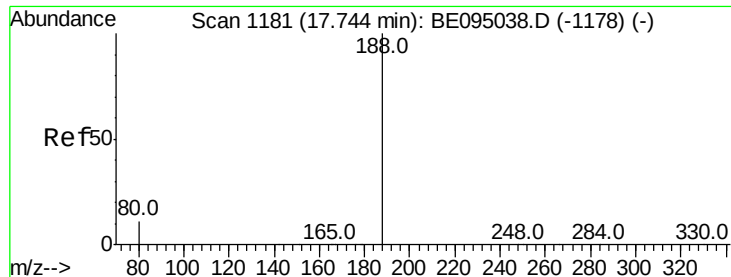
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20171214

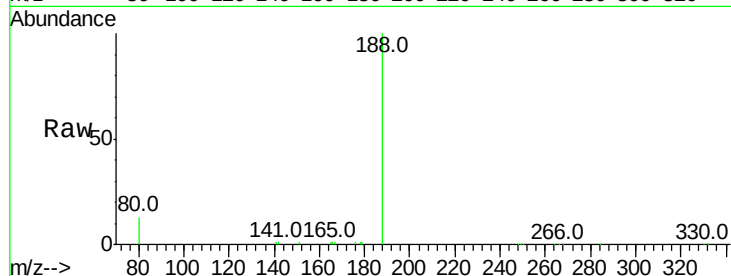
Tot Ion:188 Resp: 18594

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

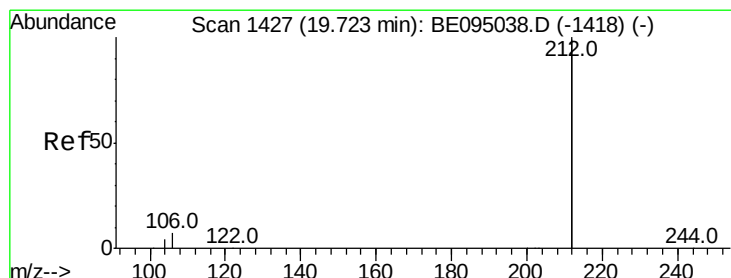
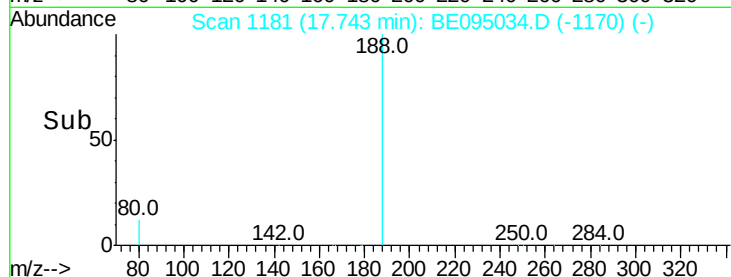
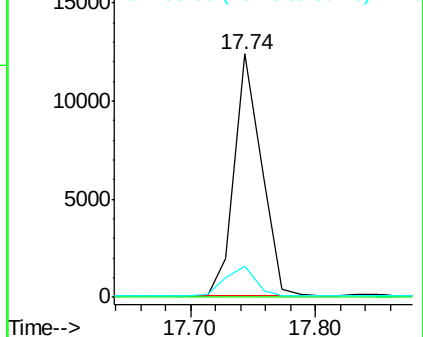
80 12.9 3.6 5.4#



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



#25

Fluoranthene-d10

Concen: 0.430 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

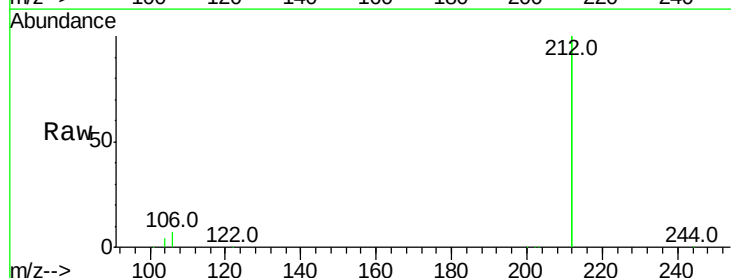
Tgt Ion:212 Resp: 103760

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

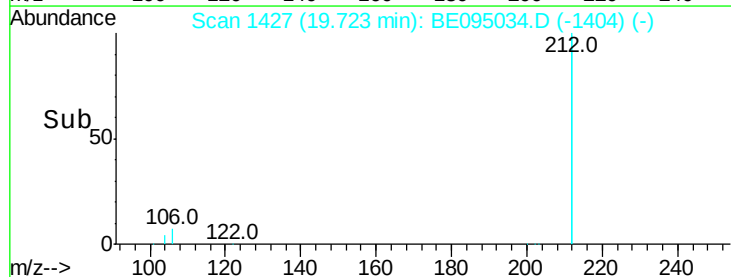
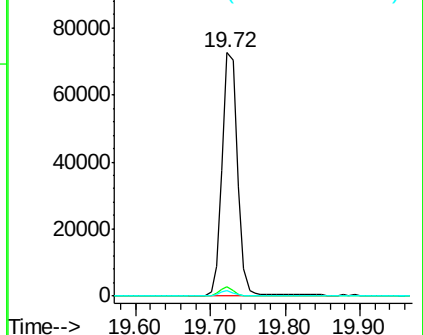
104 1.9 1.6 2.4

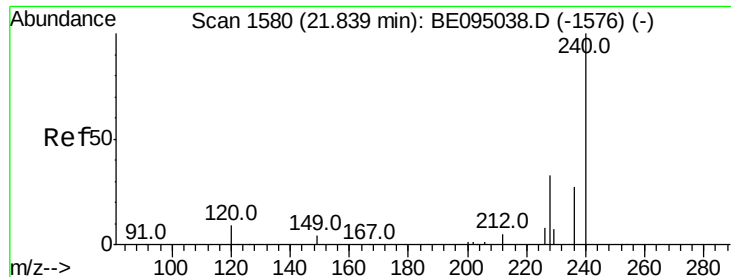


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE095034.D

Acq: 19 Dec 2017 16:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20171214

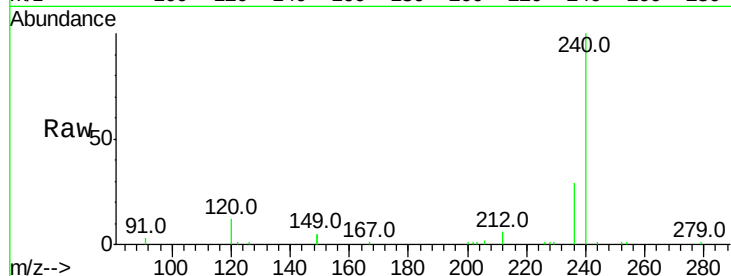
Tot Ion:240 Resp: 19029

Ion Ratio Lower Upper

240 100

120 11.7 5.5 8.3#

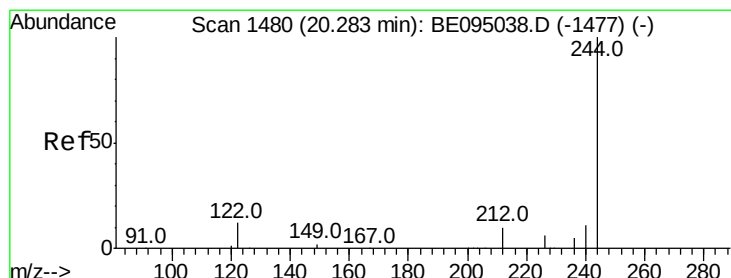
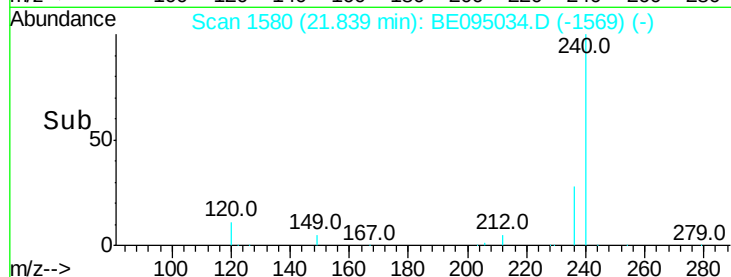
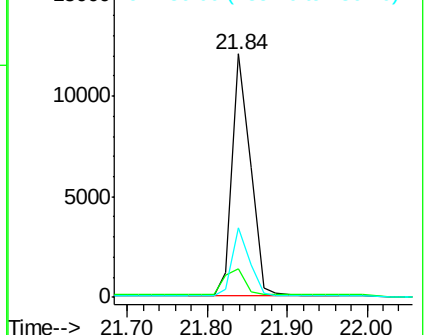
236 28.7 20.7 31.1



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: 0.673 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

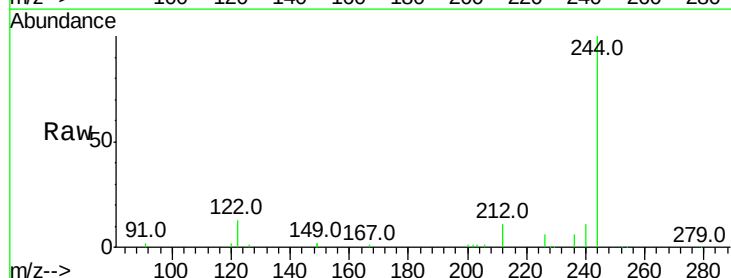
Tgt Ion:244 Resp: 24100

Ion Ratio Lower Upper

244 100

212 10.9 25.4 38.0#

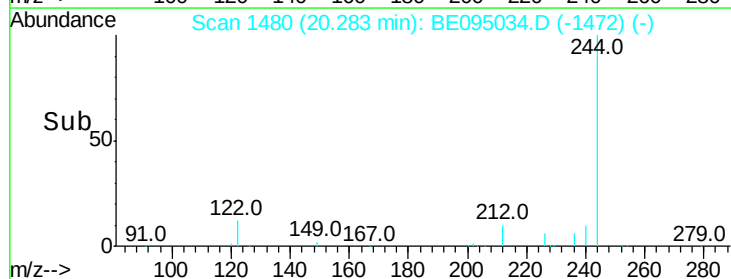
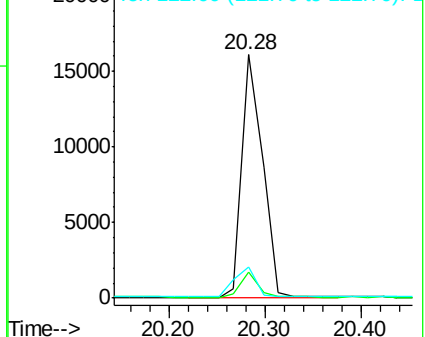
122 12.9 8.1 12.1#

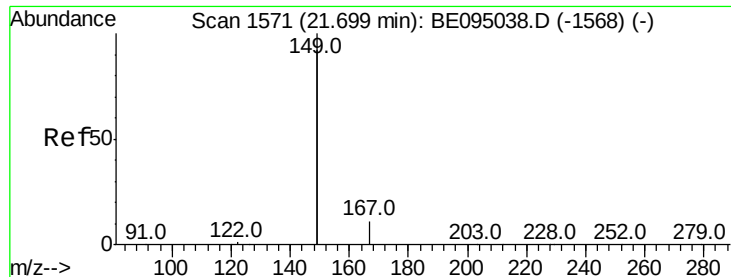


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.117 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20171214

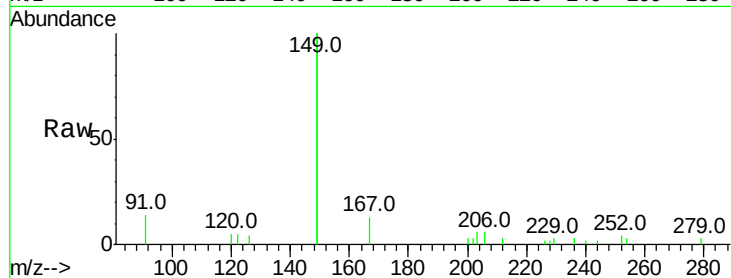
Tot Ion:149 Resp: 8270

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

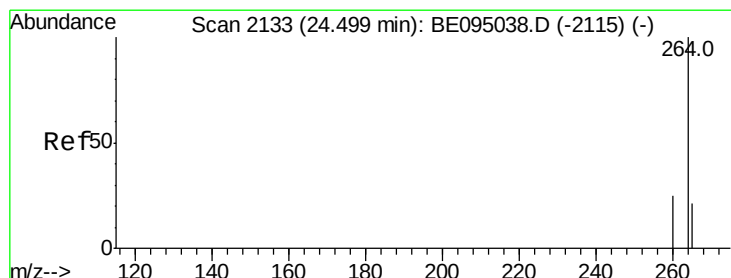
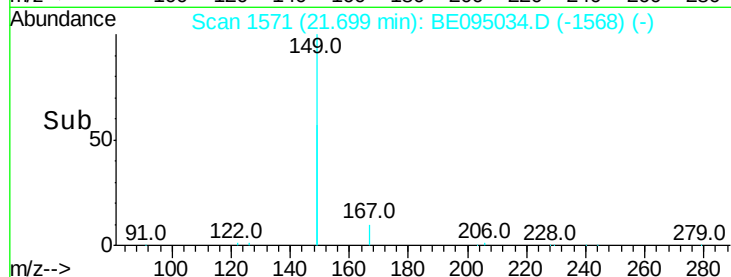
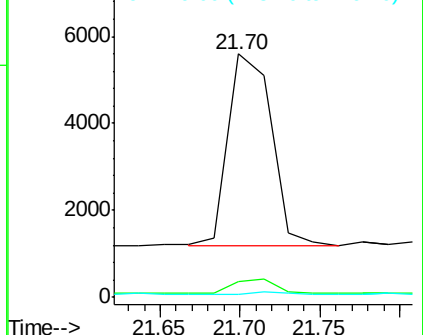
279 1.1 0.7 1.1#



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

Perylene-d12

Concen: 0.400 ng

RT: 24.50 min Scan# 2134

Delta R.T. -0.05 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

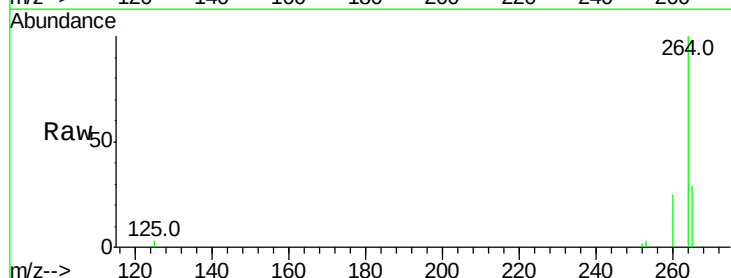
Tgt Ion:264 Resp: 16318

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

265 29.4 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

