

Data Path : Z:\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 :

Quant Time: Dec 20 00:48:21 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

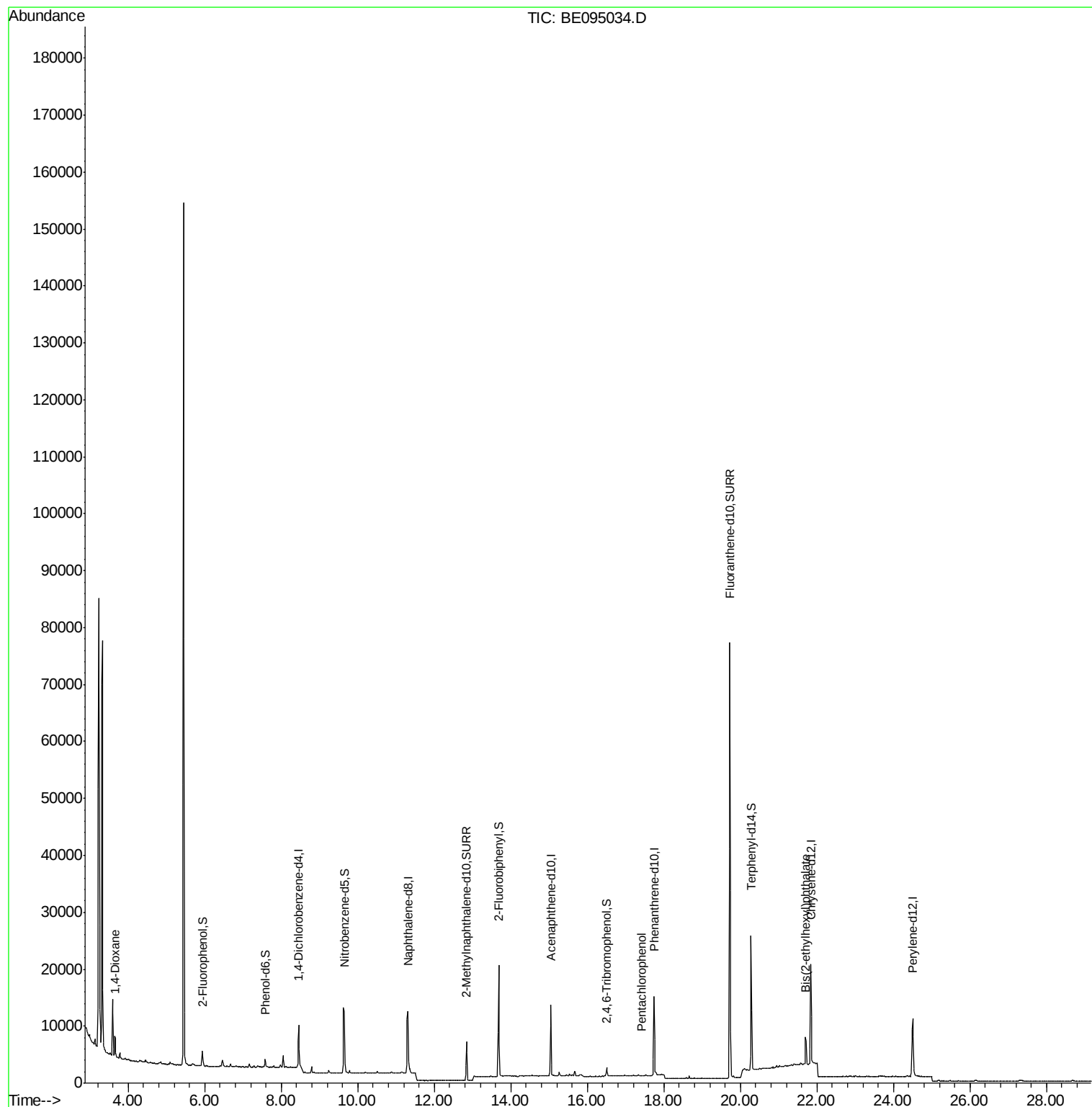
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5981	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	14074	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	7694	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	18594	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	19029	0.40	ng	-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	Qvalue # 84
22) Pentachlorophenol	17.41	266	16	0.085	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.70	149	8270	0.117	ng	# 99

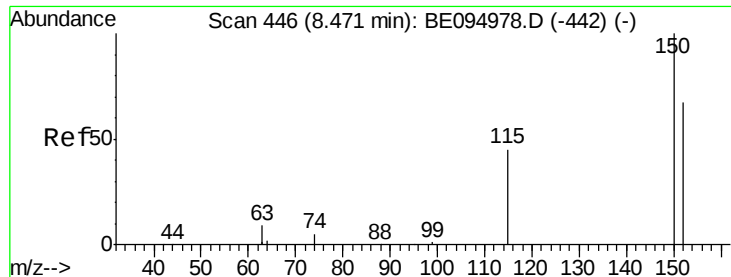
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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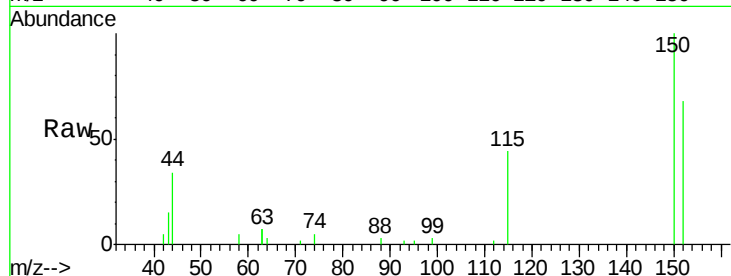


#1

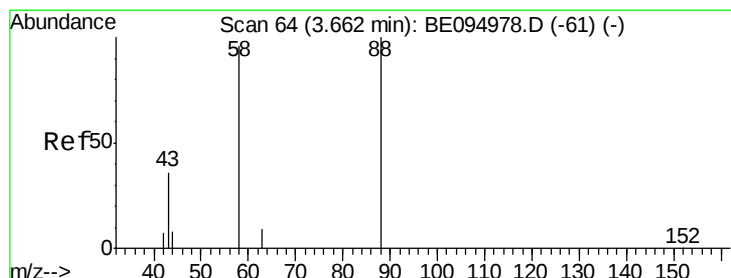
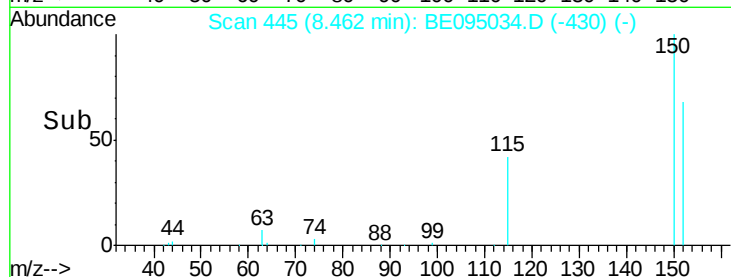
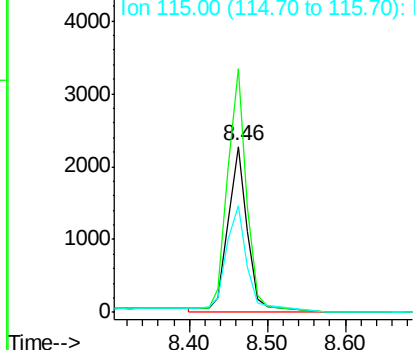
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095034.D
Acq: 19 Dec 2017 16:12

Instrument :
BNA_E
ClientSampleId :

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



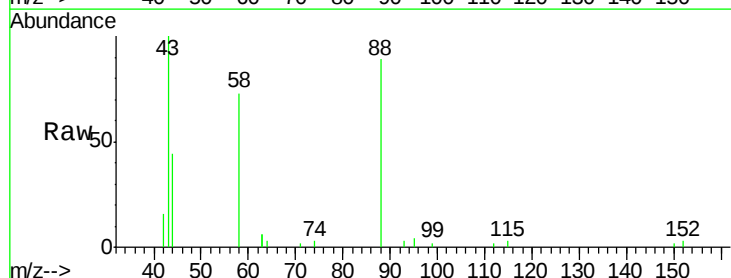
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



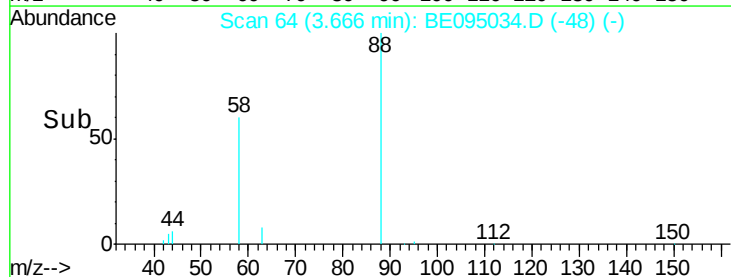
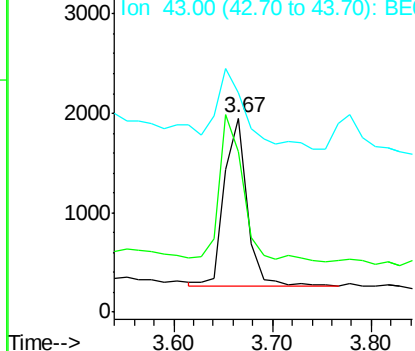
#2

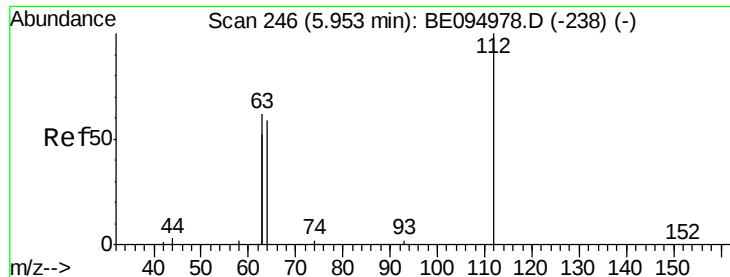
1,4-Dioxane
Concen: 0.458 ng
RT: 3.67 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095034.D
Acq: 19 Dec 2017 16:12

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 :

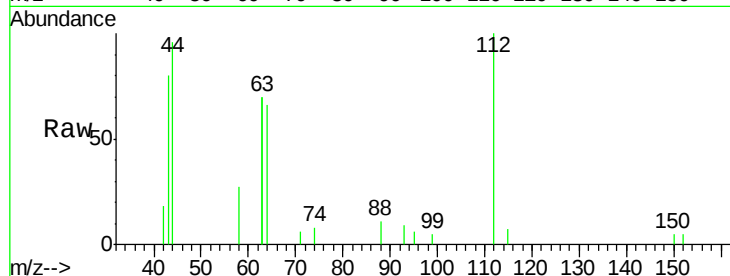
Tot Ion: 112 Resp: 1519

Ion Ratio Lower Upper

112 100

64 70.9 60.1 90.1

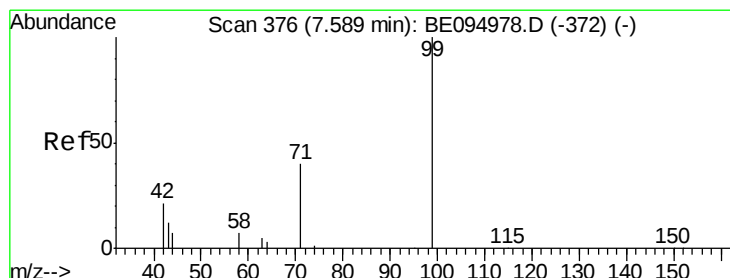
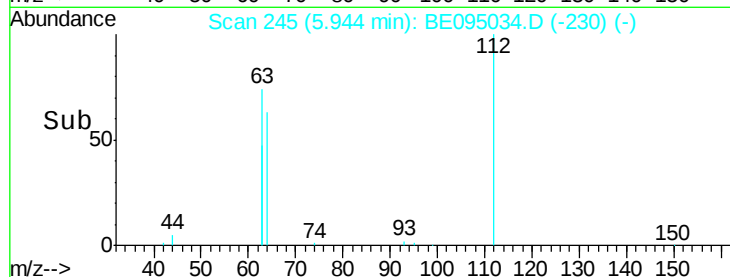
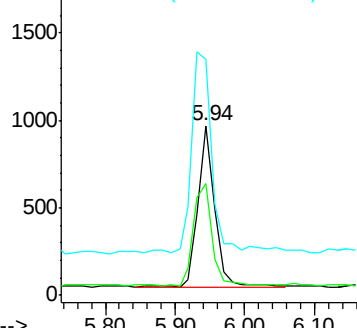
63 160.9 116.8 175.2



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

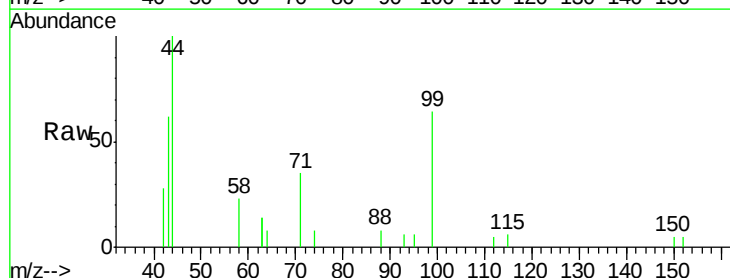
Tgt Ion: 99 Resp: 1231

Ion Ratio Lower Upper

99 100

42 26.6 20.2 30.2

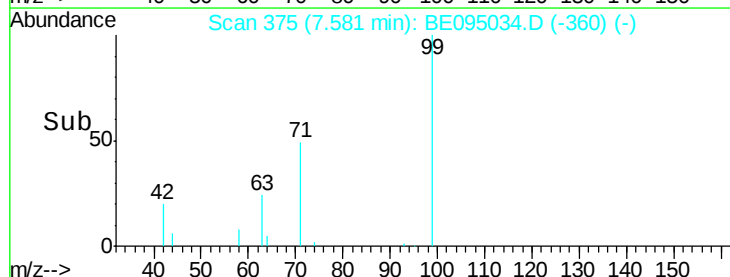
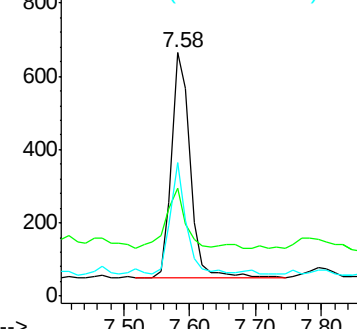
71 43.9 28.4 42.6#

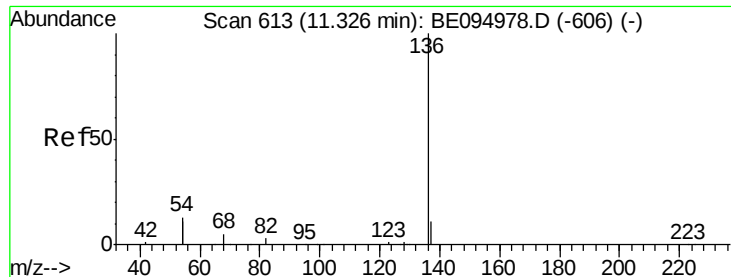


Abundance Ion 99.00 (98.70 to 99.70): BE0

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 :

Tot Ion:136 Resp: 14074

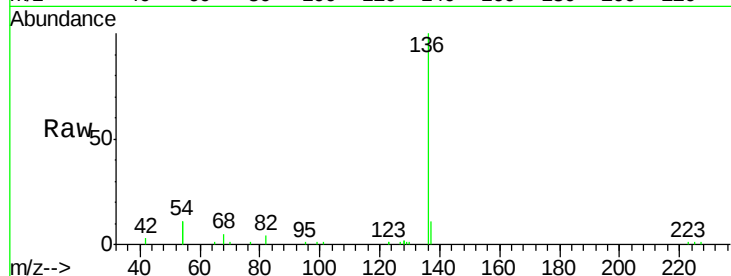
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 22.3 29.1 43.7#

68 5.0 6.2 9.2#

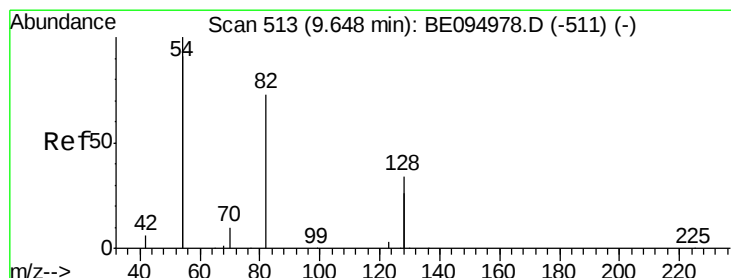
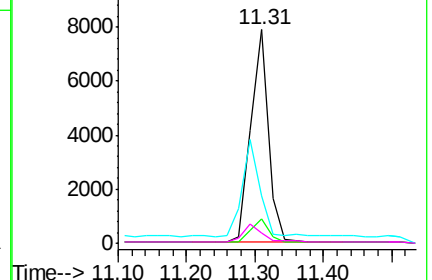
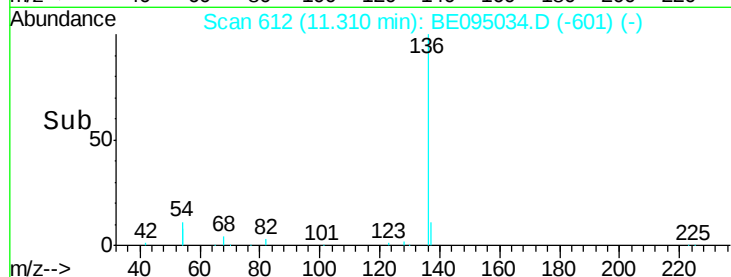


Abundance Ion 136.00 (135.70 to 136.70): E

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

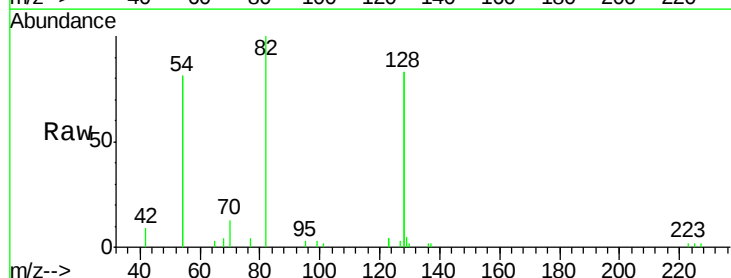
Tgt Ion: 82 Resp: 5610

Ion Ratio Lower Upper

82 100

128 165.3 150.0 225.0

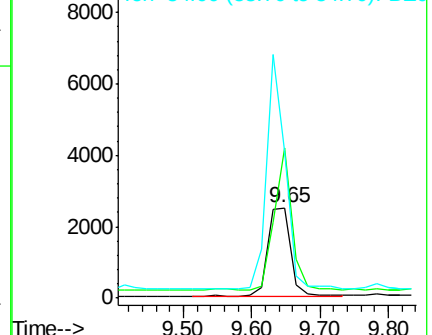
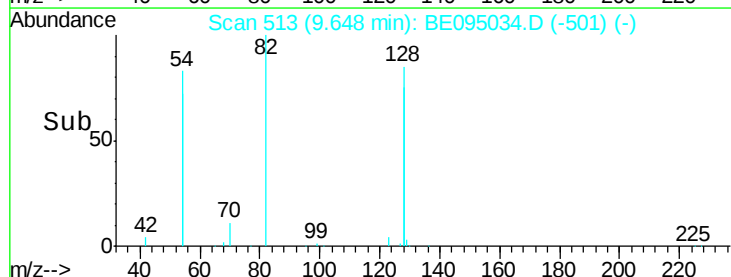
54 161.3 154.2 231.4

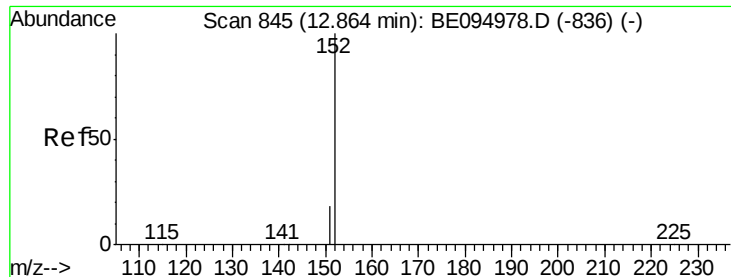


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

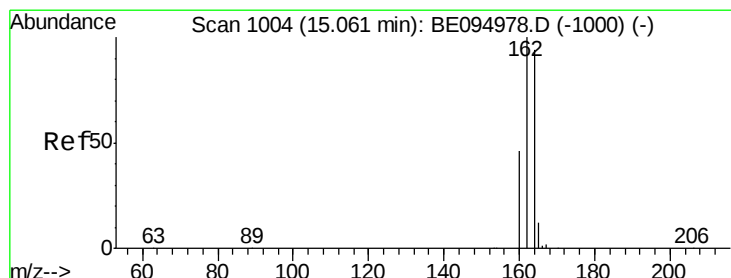
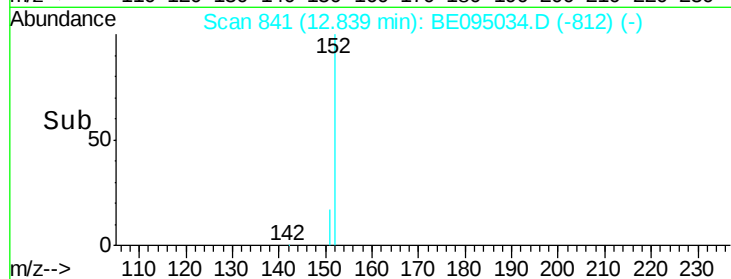
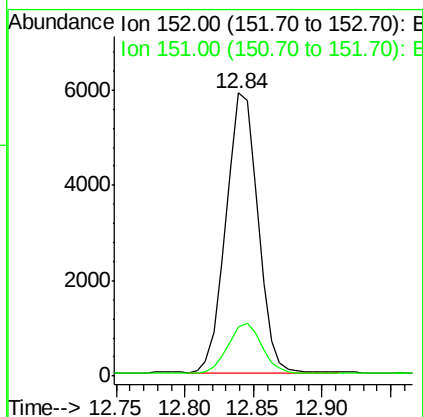
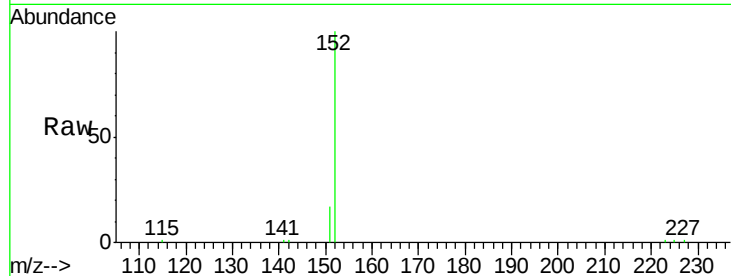




#11
 2-Methylnaphthalene-d10
 Concen: 0.412 ng
 RT: 12.84 min Scan# 841
 Delta R.T. -0.03 min
 Lab File: BE095034.D
 Acq: 19 Dec 2017 16:12

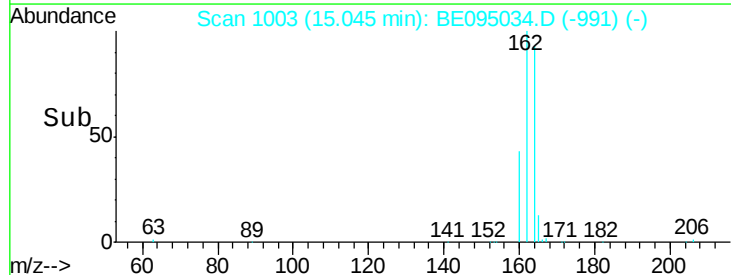
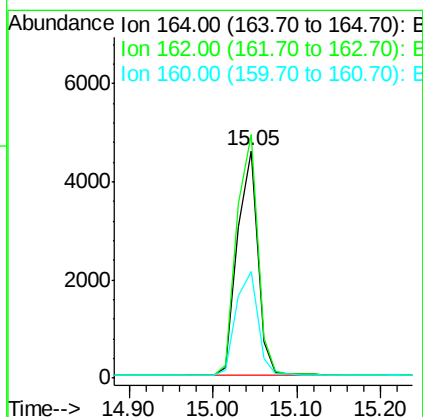
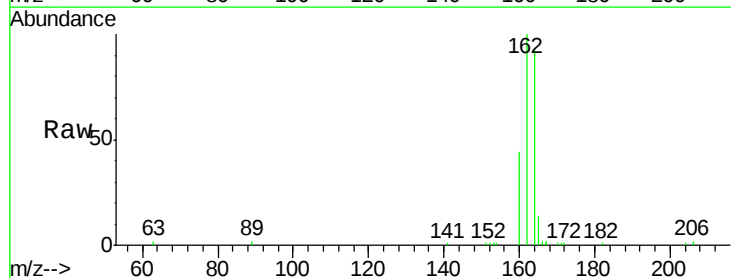
Instrument :
 BNA_E
 ClientSampleId :

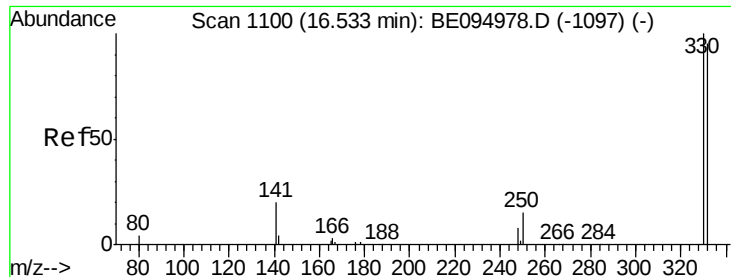
Tot Ion:152 Resp: 9507
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.4 23.0



#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

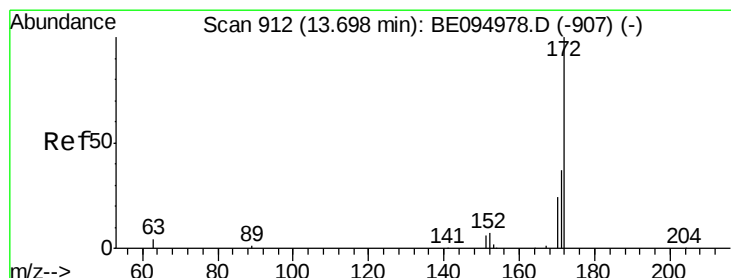
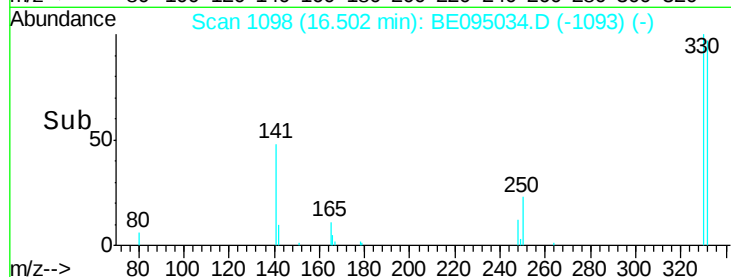
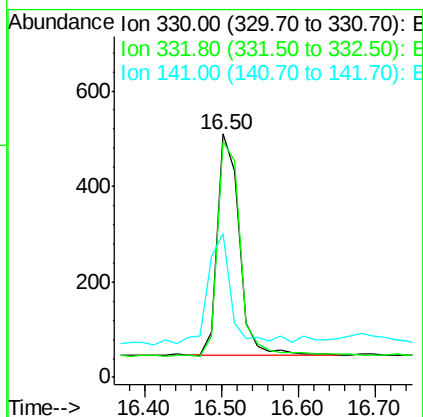
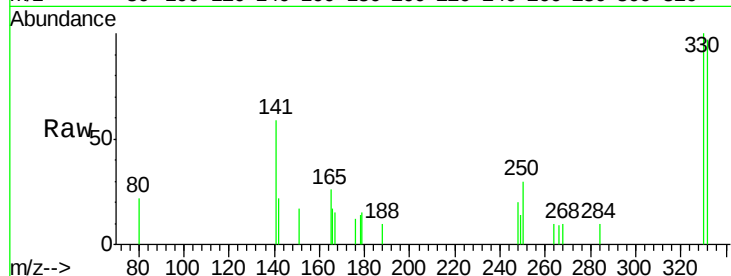




#14
 2,4,6-Tribromophenol
 Concen: 0.514 ng
 RT: 16.50 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BE095034.D
 Acq: 19 Dec 2017 16:12

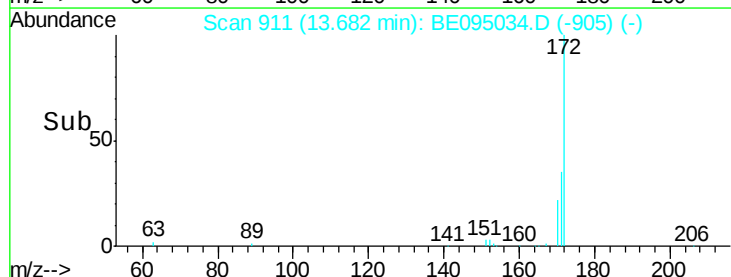
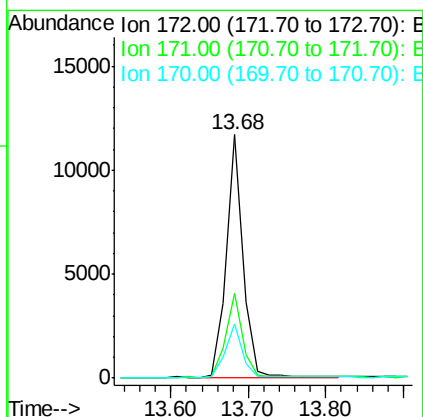
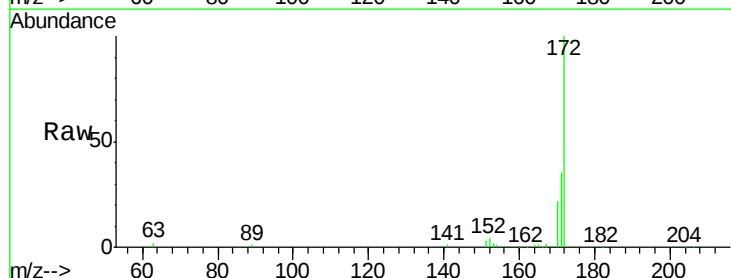
Instrument :
 BNA_E
 ClientSampleId :

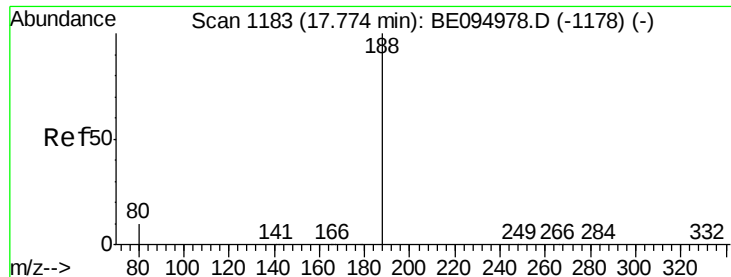
Tot Ion:330 Resp: 919
 Ion Ratio Lower Upper
 330 100
 332 99.7 152.7 229.1#
 141 50.3 33.7 50.5



#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





#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 :

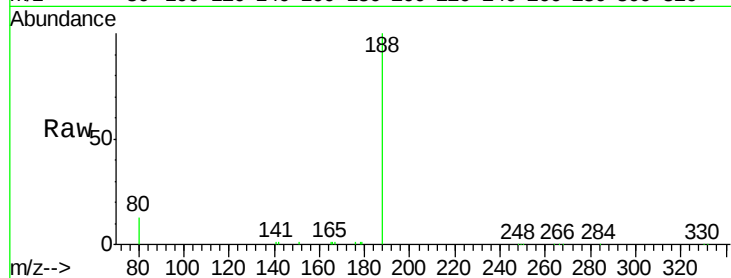
Tot Ion:188 Resp: 18594

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

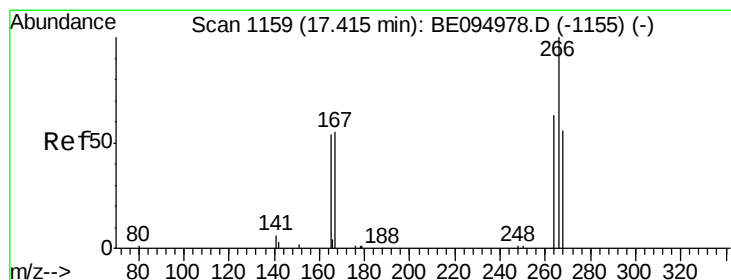
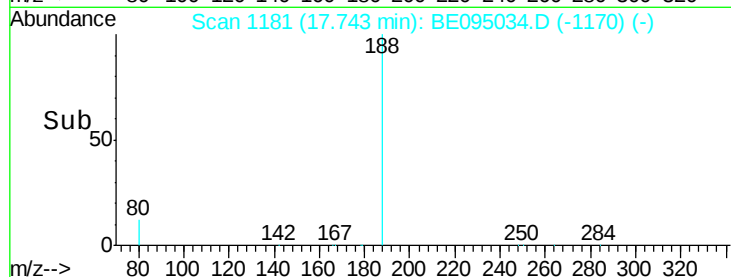
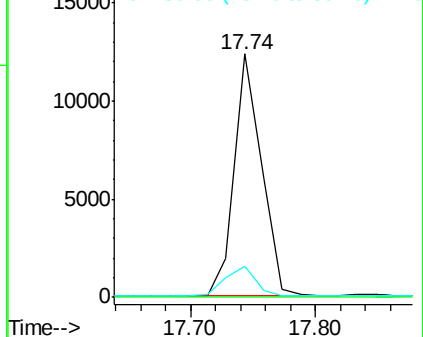
80 12.9 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.085 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE095034.D

Acq: 19 Dec 2017 16:12

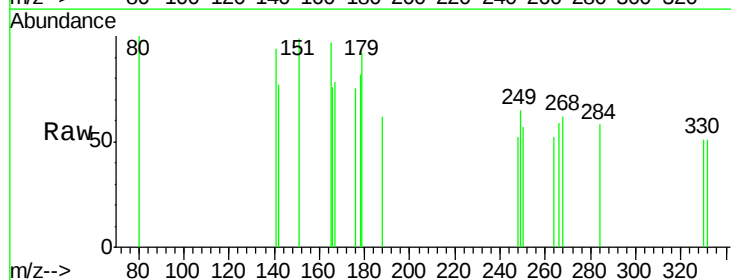
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 87.3 72.5 108.7

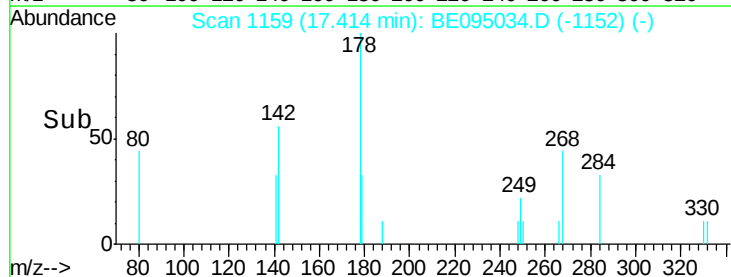
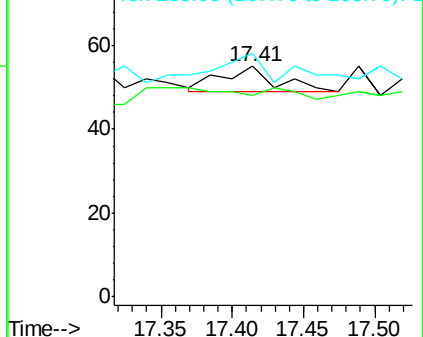
268 105.5 73.8 110.6

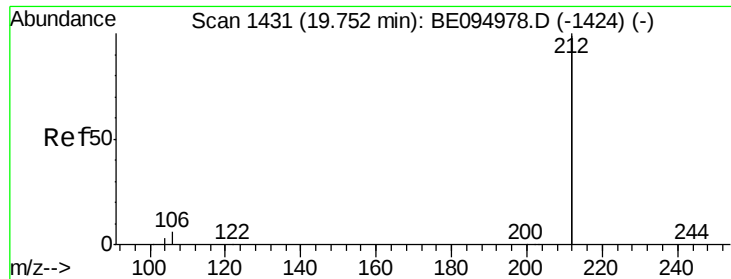


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

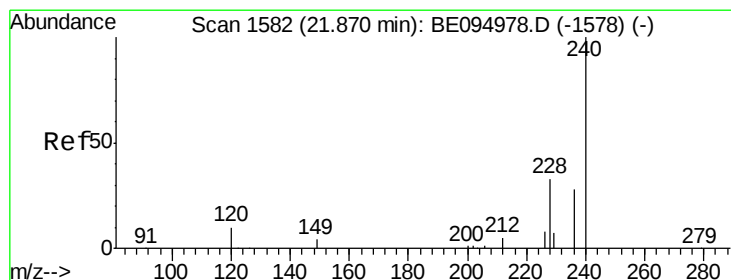
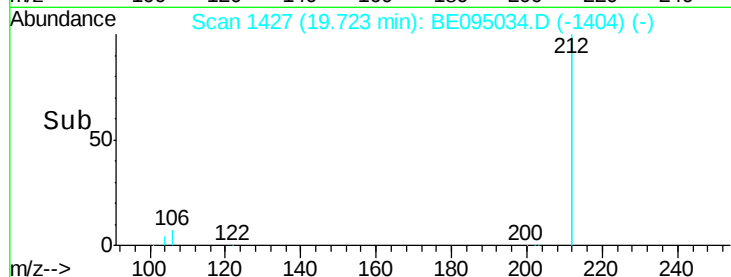
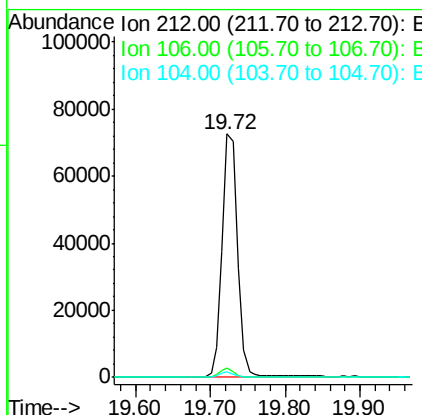
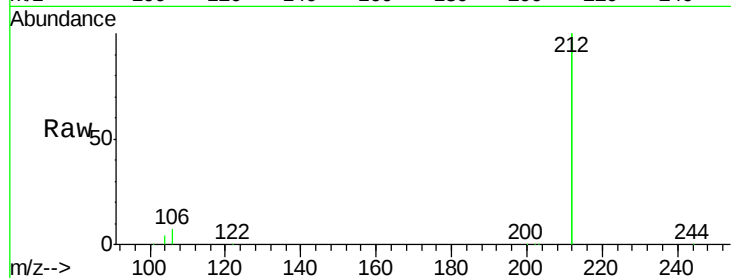




#25
 Fluoranthene-d10
 Concen: 0.430 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095034.D
 Acq: 19 Dec 2017 16:12

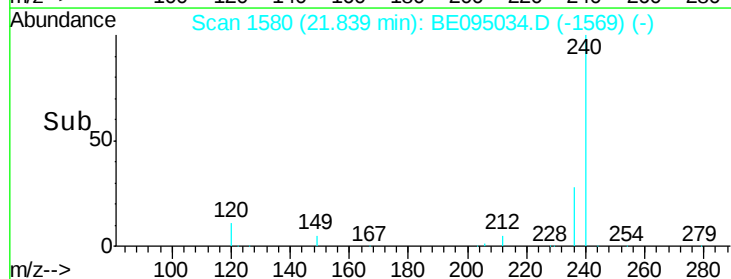
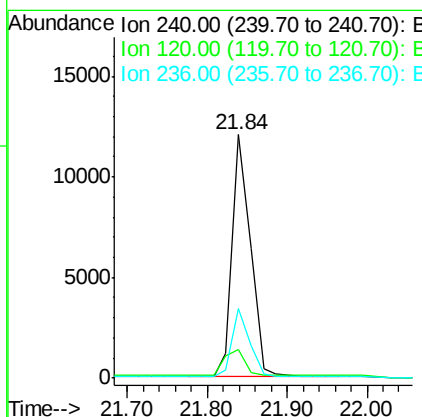
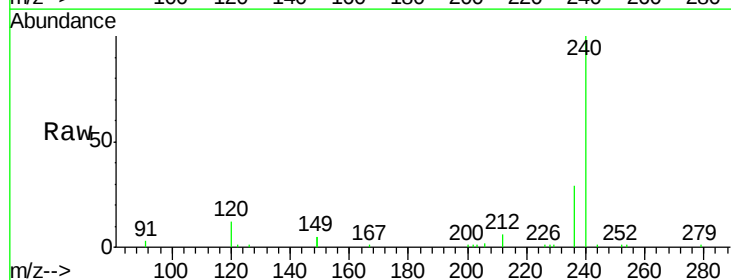
Instrument :
 BNA_E
 ClientSampleId :

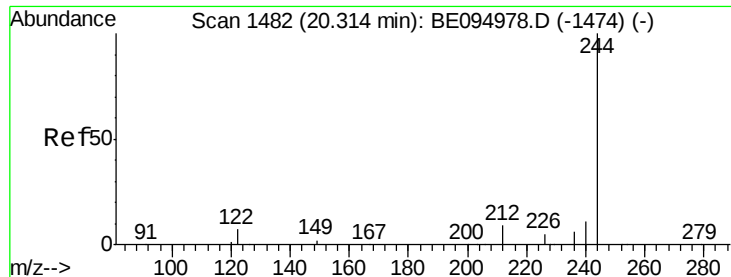
Tot Ion:212 Resp: 103760
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.8 4.2
 104 1.9 1.6 2.4



#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

Tgt Ion:240 Resp: 19029
 Ion Ratio Lower Upper
 240 100
 120 11.7 5.5 8.3#
 236 28.7 20.7 31.1





#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

Instrument :

BNA_E

ClientSampleId :

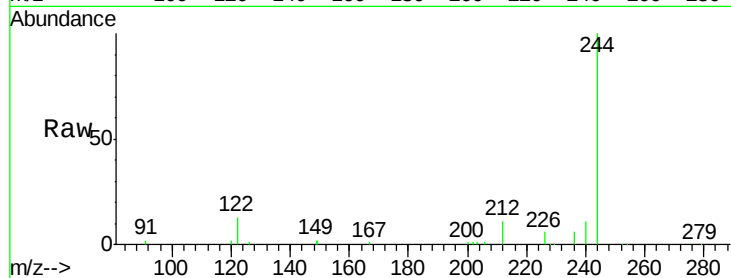
Tot Ion:244 Resp: 24100

Ion Ratio Lower Upper

244 100

212 10.9 25.4 38.0#

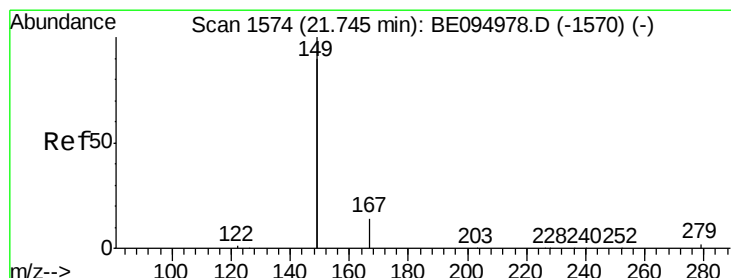
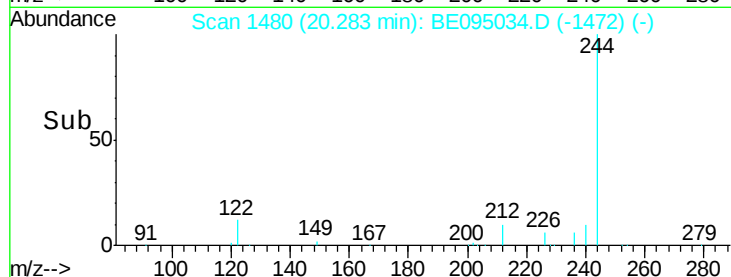
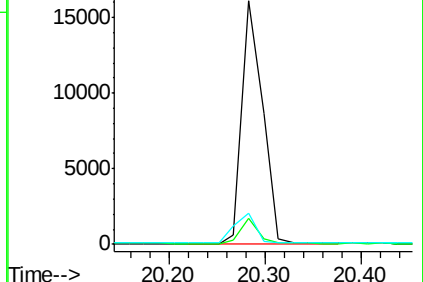
122 12.9 8.1 12.1#



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

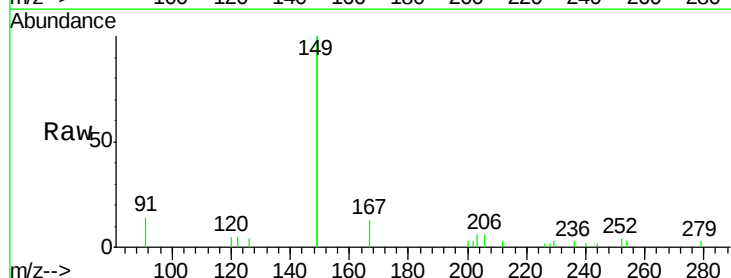
Tgt Ion:149 Resp: 8270

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

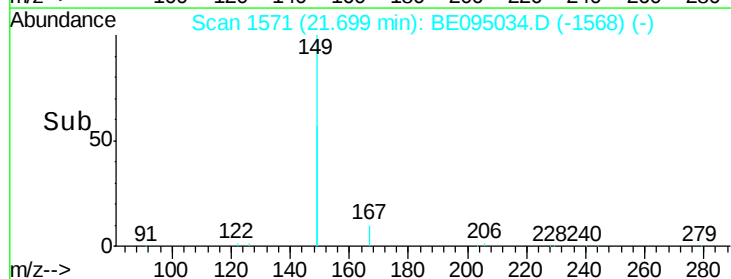
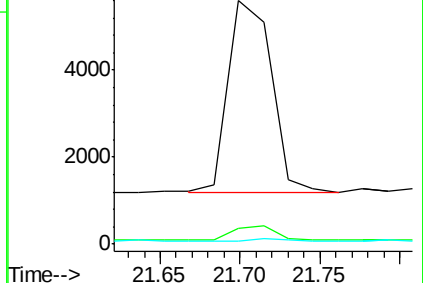
279 1.1 0.7 1.1#

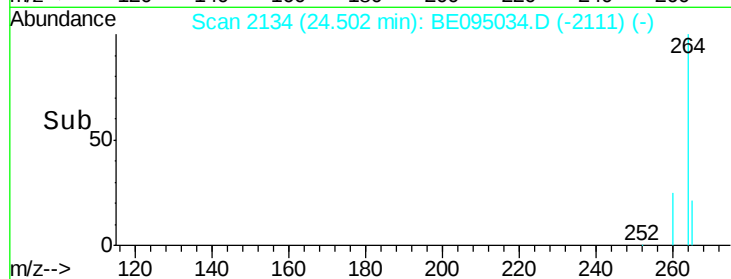
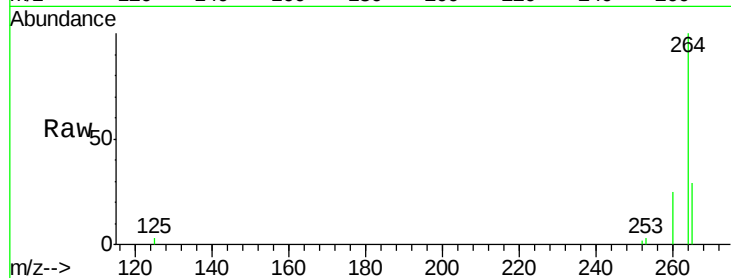
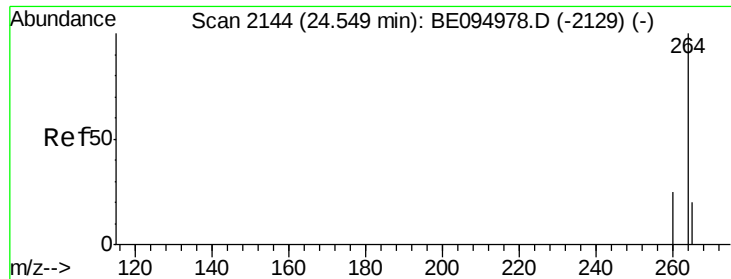


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-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

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 16318

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

265 29.4 22.8 34.2

