

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095981.D
 Acq On : 11 Apr 2018 21:20
 Operator : SJ/JU
 Sample : J2252-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 12 04:17:13 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 17:26:43 2018
 Response via : Initial Calibration

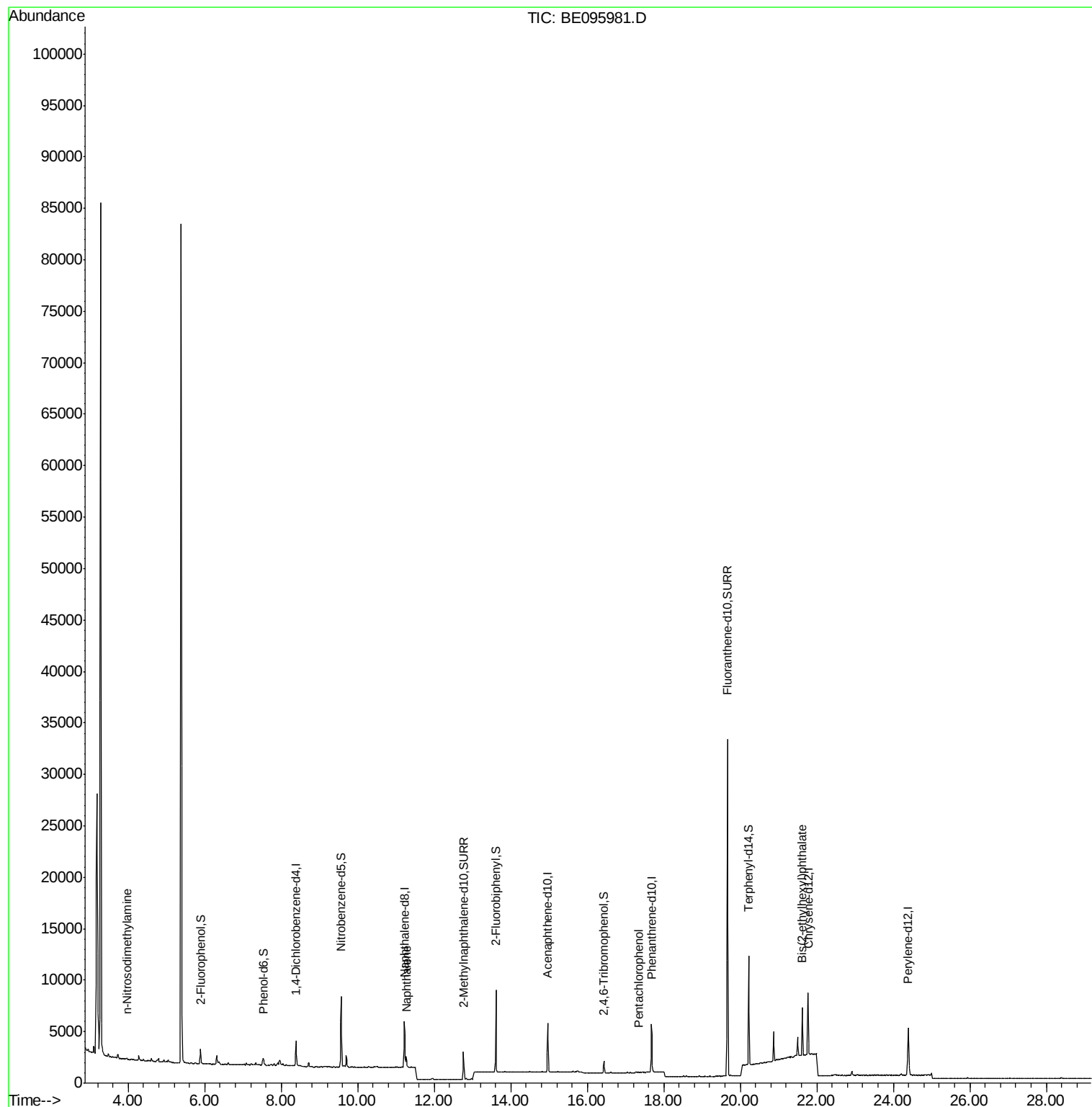
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1274	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4928	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2703	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6527	0.40	ng	-0.01
27) Chrysene-d12	21.78	240	7162	0.40	ng	0.00
34) Perylene-d12	24.39	264	6772	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	656	0.17	ng	0.00
5) Phenol-d6	7.53	99	579	0.11	ng	0.00
8) Nitrobenzene-d5	9.57	82	2582	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	3444	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	598	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	6994	0.60	ng	0.00
25) Fluoranthene-d10	19.66	212	40025	0.45	ng	0.00
29) Terphenyl-d14	20.22	244	9576	0.61	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.97	42	62	0.026	ng	# 1
9) Naphthalene	11.27	128	1395	0.027	ng	# 88
22) Pentachlorophenol	17.34	266	20	0.147	ng	97
32) Bis(2-ethylhexyl)phthalate	21.62	149	5986	0.101	ng	# 98

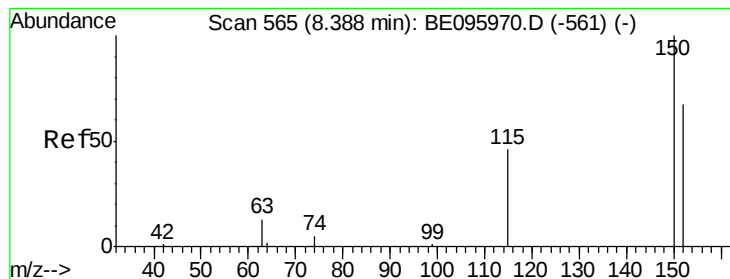
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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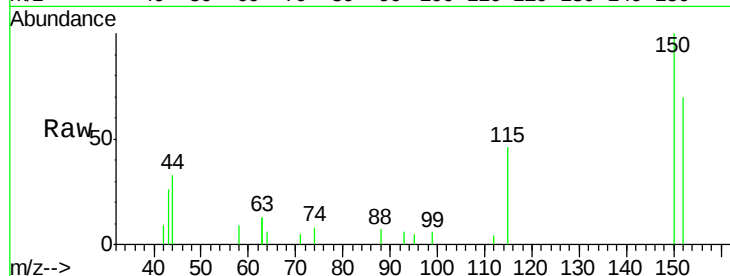


#1

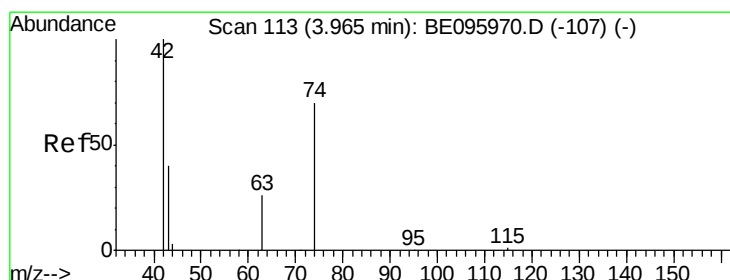
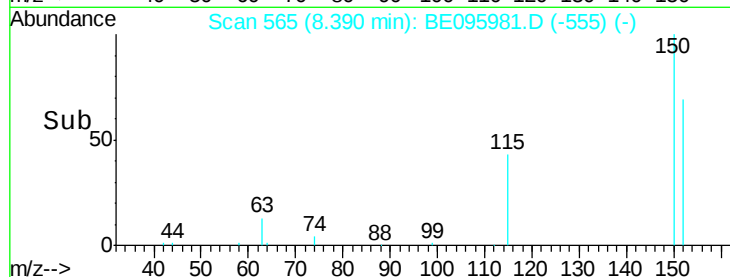
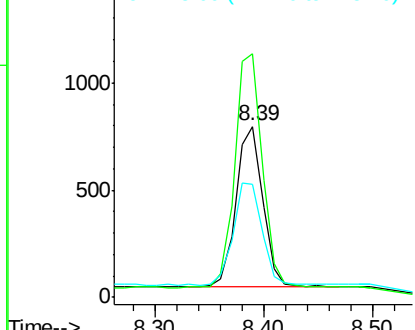
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.39 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BE095981.D
 Acq: 11 Apr 2018 21:20

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1274
 Ion Ratio Lower Upper
 152 100
 150 142.6 117.2 175.8
 115 66.2 57.0 85.6



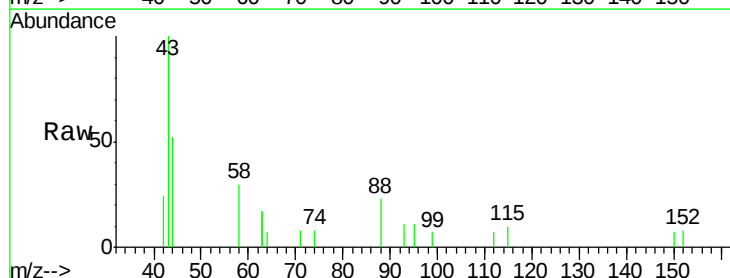
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



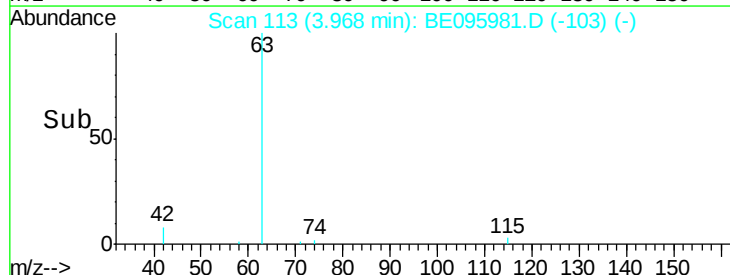
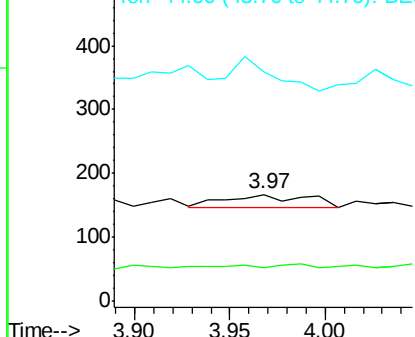
#3

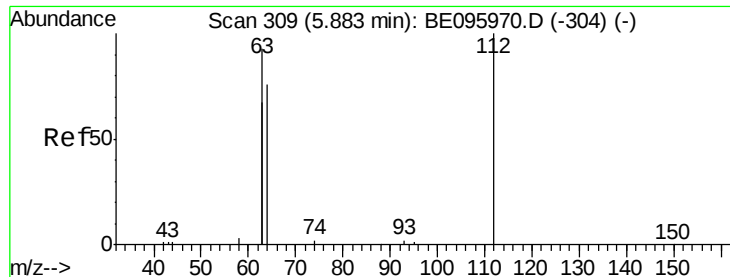
n-Nitrosodimethylamine
 Concen: 0.026 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.00 min
 Lab File: BE095981.D
 Acq: 11 Apr 2018 21:20

Tgt Ion: 42 Resp: 62
 Ion Ratio Lower Upper
 42 100
 74 0.0 96.0 144.0#
 44 132.3 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.166 ng

RT: 5.89 min Scan# 309

Delta R.T. 0.00 min

Lab File: BE095981.D

Acq: 11 Apr 2018 21:20

Instrument :

BNA_E

ClientSampleId :

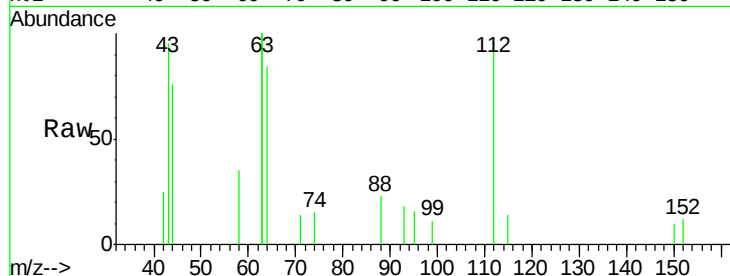
Tot Ion: 112 Resp: 656

Ion Ratio Lower Upper

112 100

64 80.8 60.1 90.1

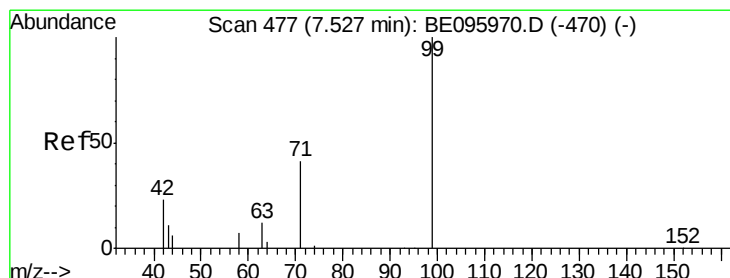
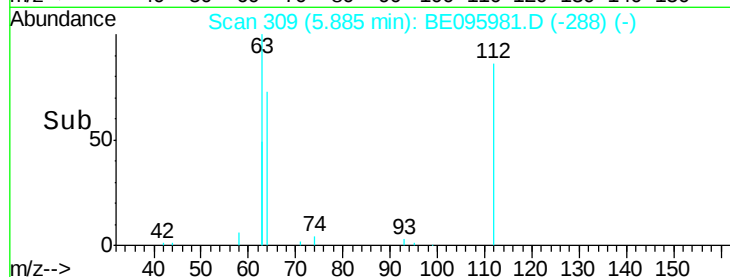
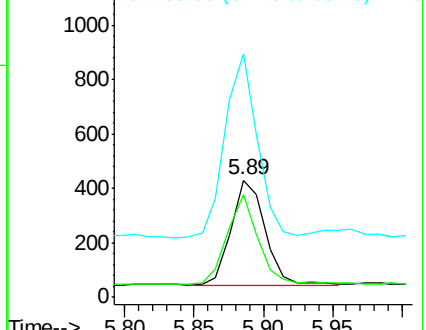
63 167.8 116.8 175.2



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



#5

Phenol-d6

Concen: 0.107 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095981.D

Acq: 11 Apr 2018 21:20

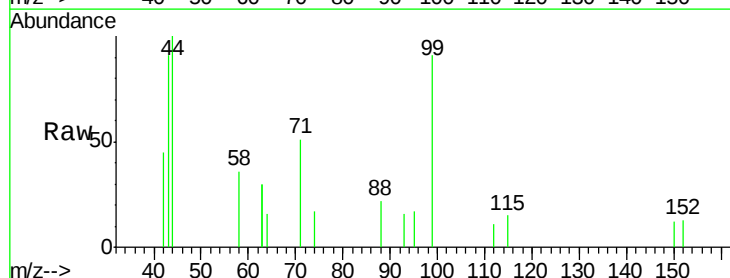
Tgt Ion: 99 Resp: 579

Ion Ratio Lower Upper

99 100

42 32.3 20.2 30.2#

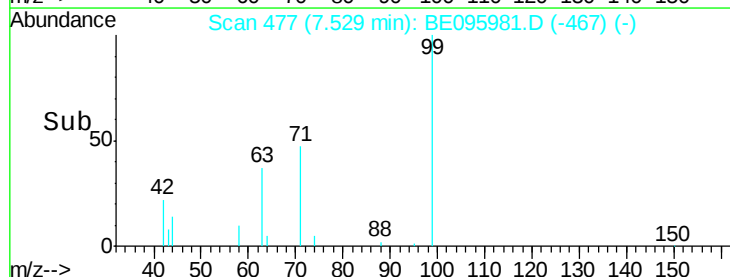
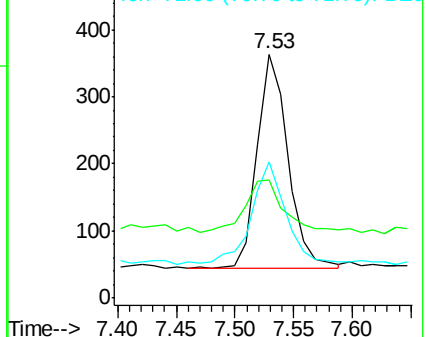
71 51.1 28.4 42.6#

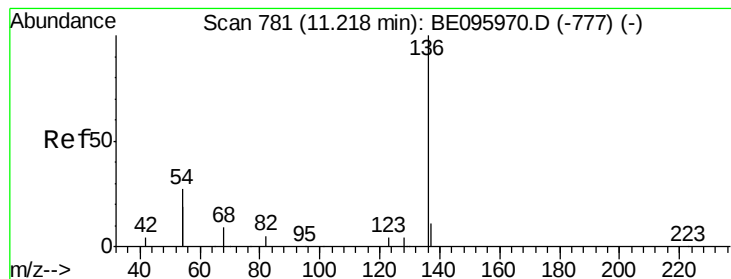


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095981.D

Acq: 11 Apr 2018 21:20

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4928

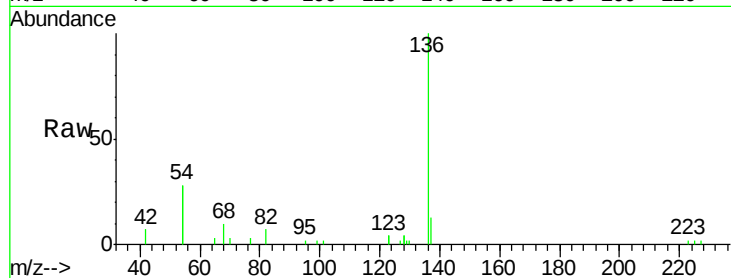
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 55.9 29.1 43.7#

68 10.4 6.2 9.2#

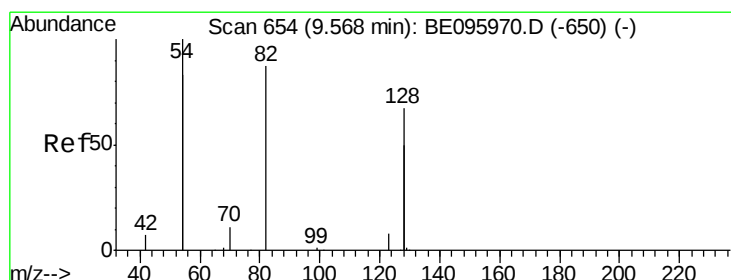
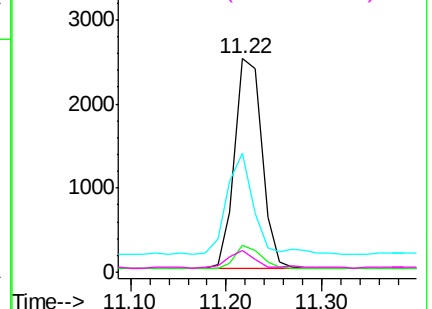
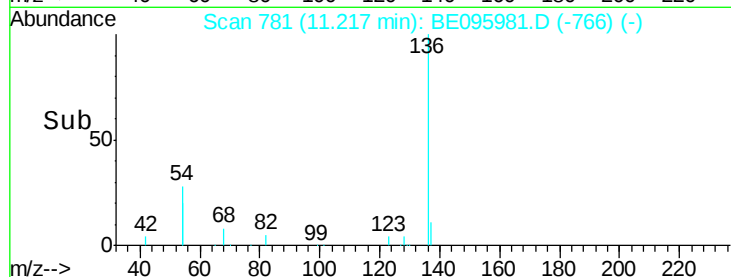


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.447 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095981.D

Acq: 11 Apr 2018 21:20

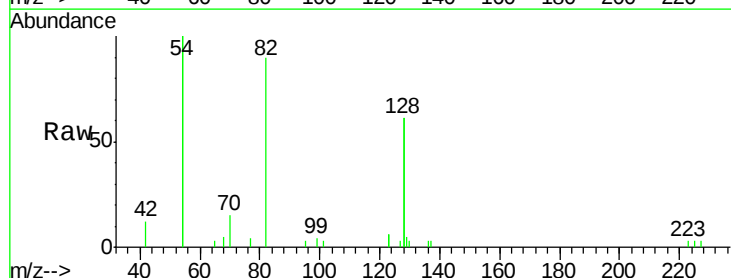
Tgt Ion: 82 Resp: 2582

Ion Ratio Lower Upper

82 100

128 136.2 150.0 225.0#

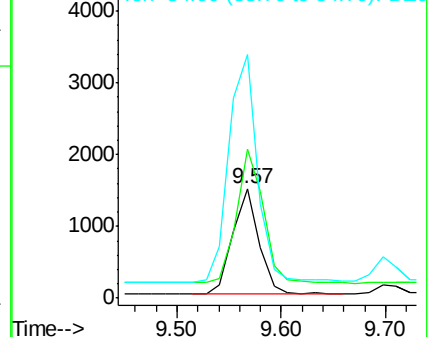
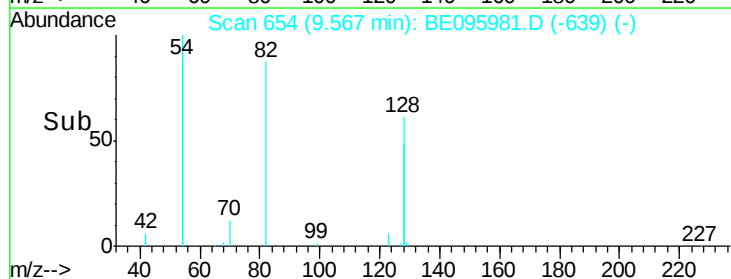
54 222.4 154.2 231.4

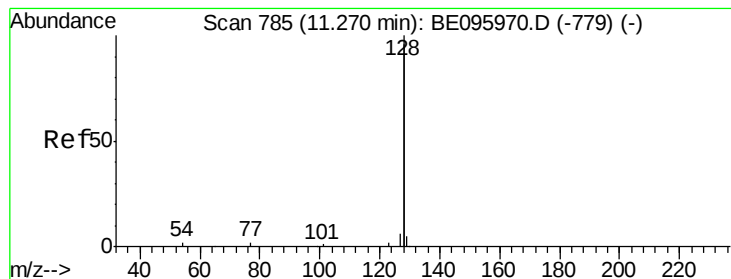


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.027 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095981.D

Acq: 11 Apr 2018 21:20

Instrument :

BNA_E

ClientSampleId :

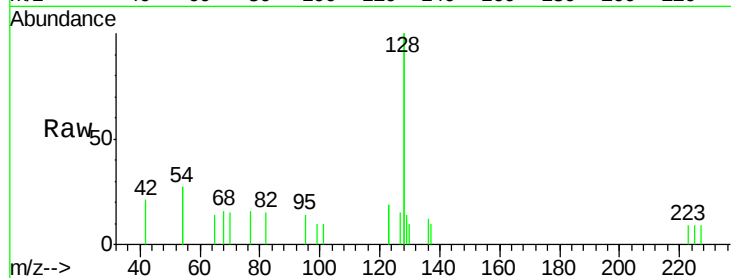
Tot Ion:128 Resp: 1395

Ion Ratio Lower Upper

128 100

129 7.0 2.6 3.8#

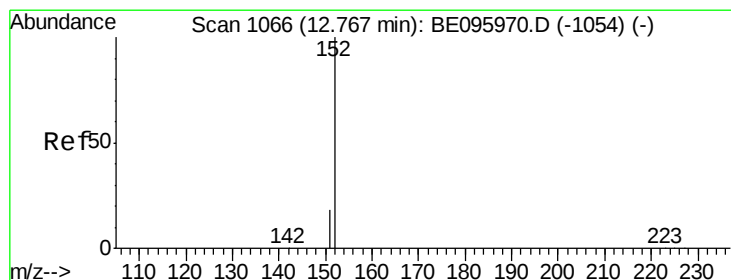
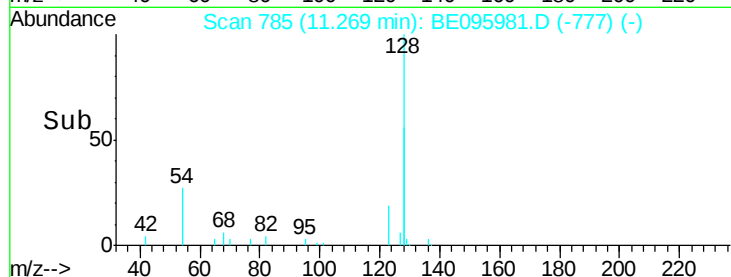
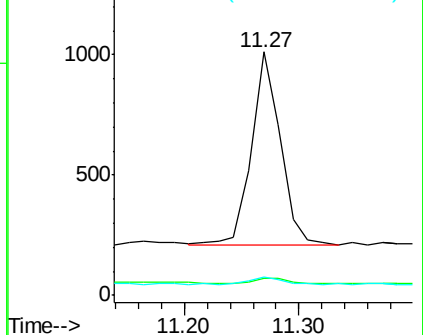
127 7.5 2.8 4.2#



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: 0.441 ng

RT: 12.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE095981.D

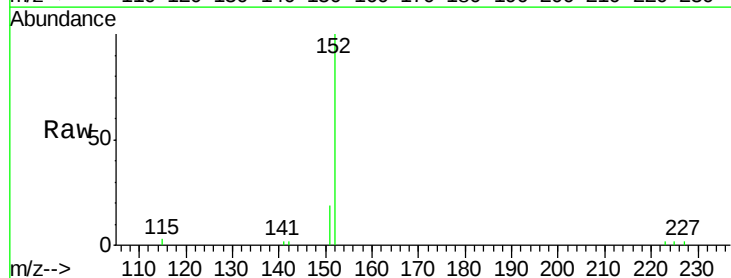
Acq: 11 Apr 2018 21:20

Tgt Ion:152 Resp: 3444

Ion Ratio Lower Upper

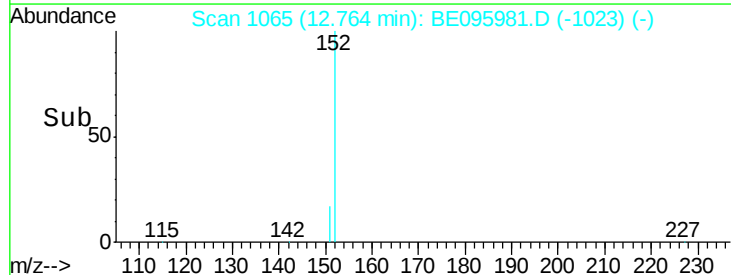
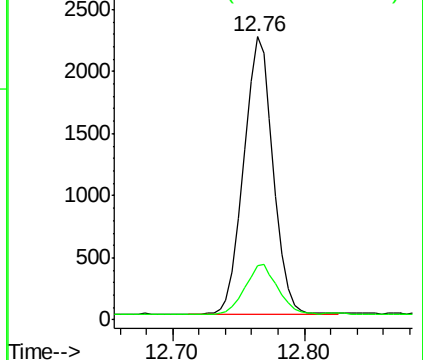
152 100

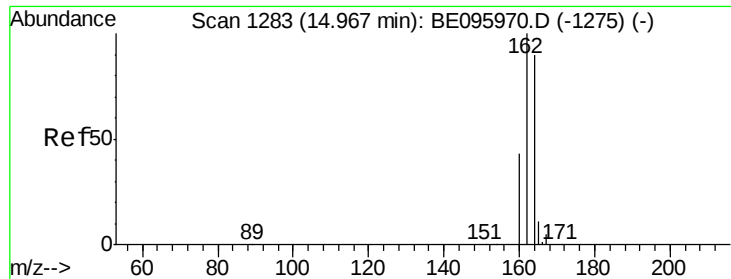
151 19.6 15.4 23.0



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: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095981.D

Acq: 11 Apr 2018 21:20

Instrument :

BNA_E

ClientSampleId :

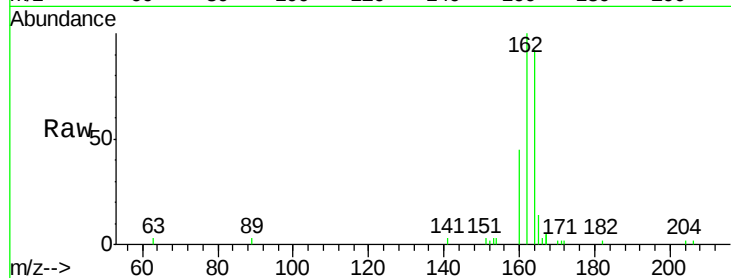
Tot Ion:164 Resp: 2703

Ion Ratio Lower Upper

164 100

162 108.7 83.1 124.7

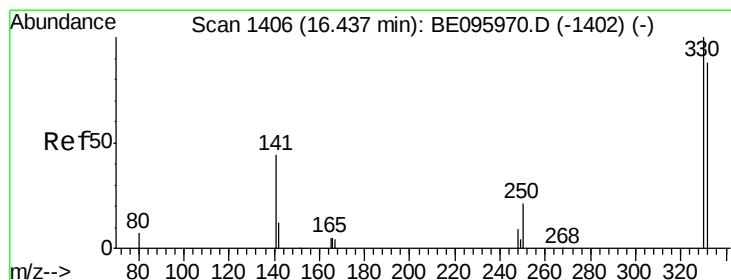
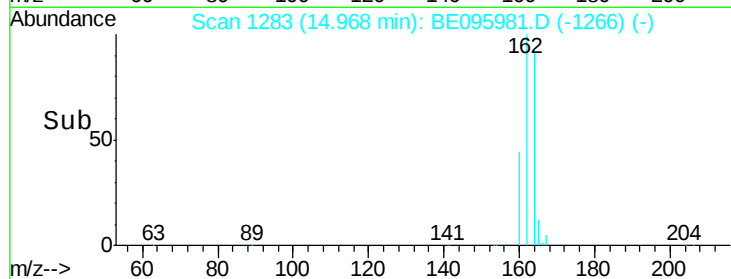
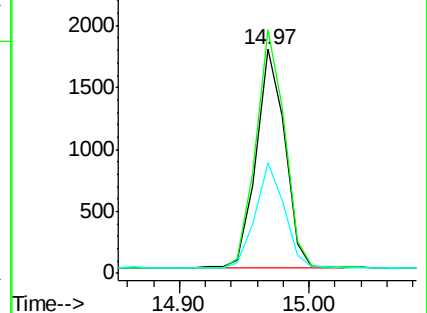
160 49.0 37.1 55.7



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: 0.458 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095981.D

Acq: 11 Apr 2018 21:20

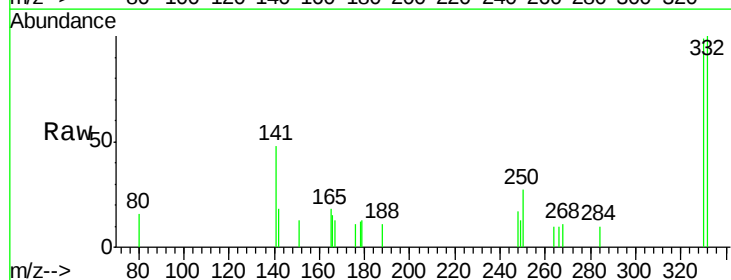
Tgt Ion:330 Resp: 598

Ion Ratio Lower Upper

330 100

332 101.5 152.7 229.1#

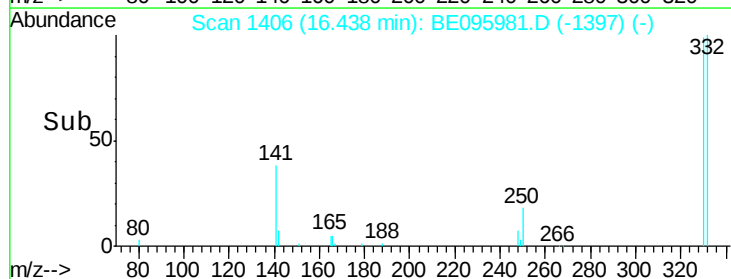
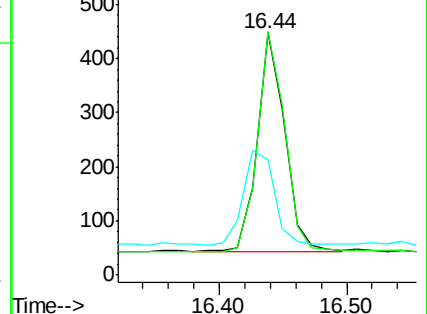
141 50.7 33.7 50.5#

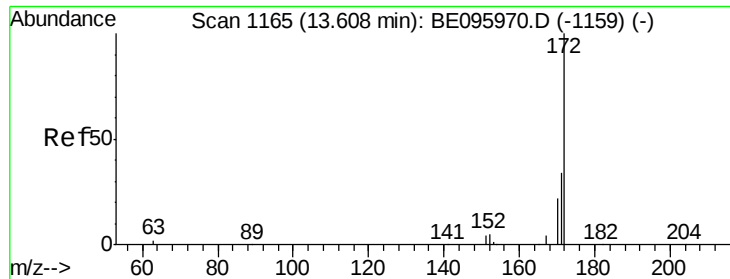


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

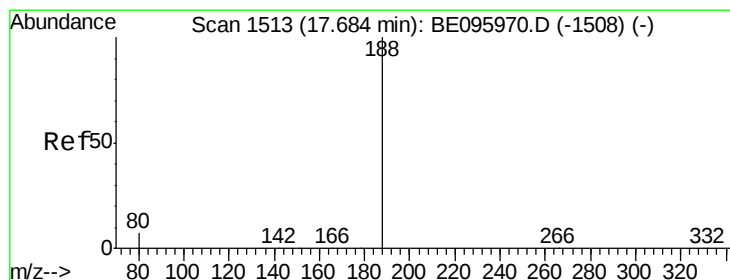
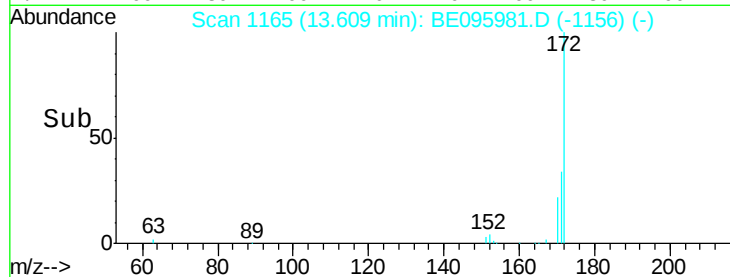
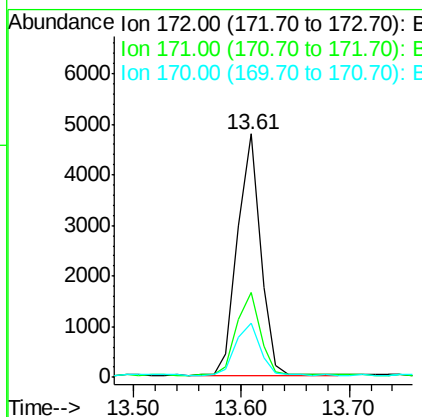
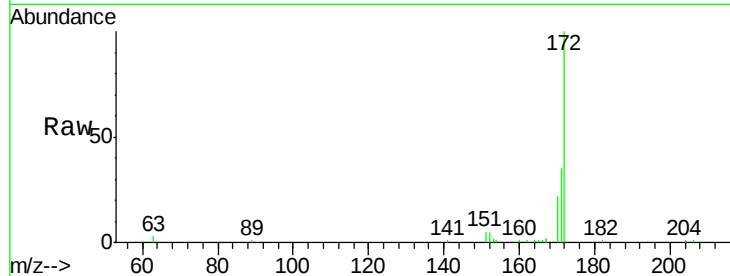




#15
2-Fluorobiphenyl
Concen: 0.605 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095981.D
Acq: 11 Apr 2018 21:20

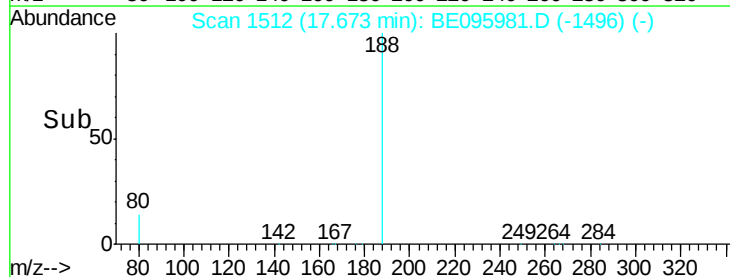
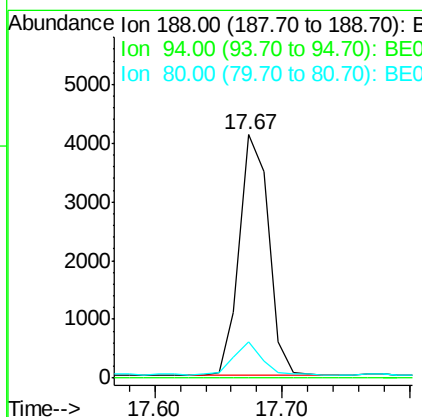
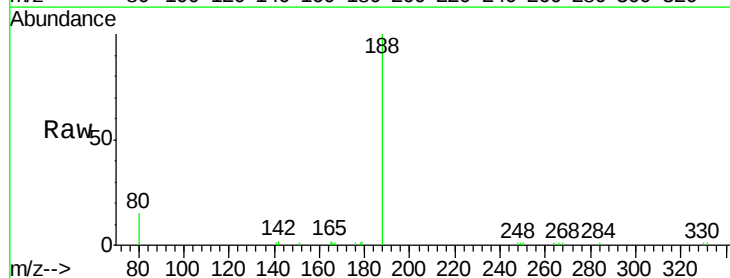
Instrument :
BNA_E
ClientSampleId :

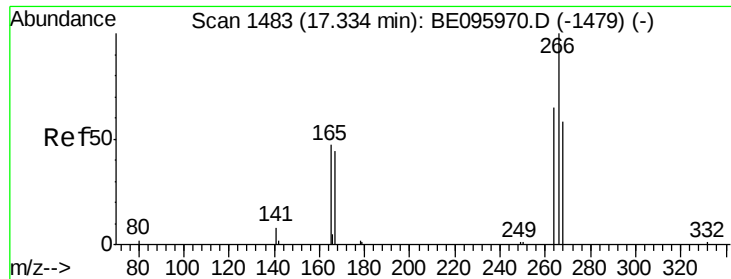
Tot Ion:172 Resp: 6994
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 22.4 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE095981.D
Acq: 11 Apr 2018 21:20

Tgt Ion:188 Resp: 6527
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 15.0 3.6 5.4#

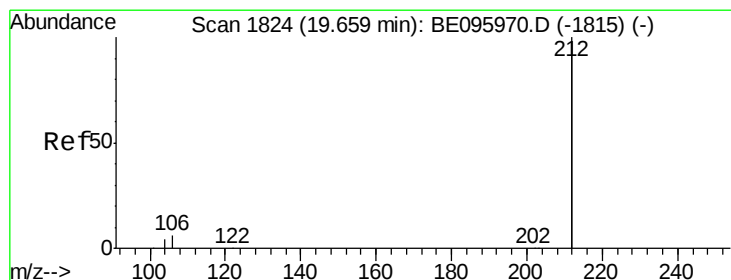
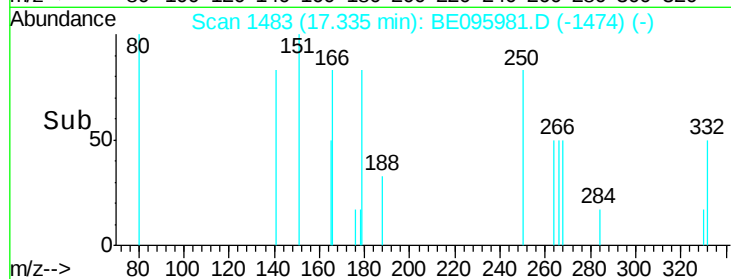
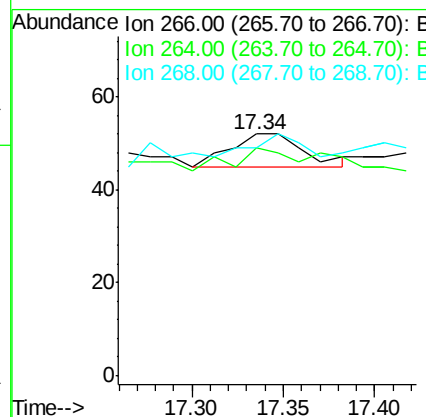
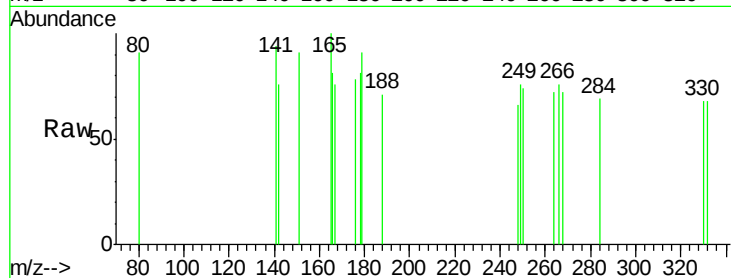




#22
 Pentachlorophenol
 Concen: 0.147 ng
 RT: 17.34 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE095981.D
 Acq: 11 Apr 2018 21:20

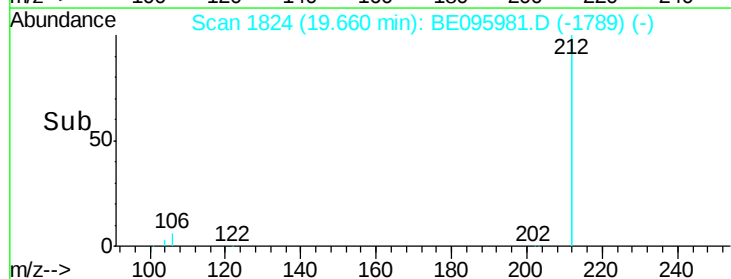
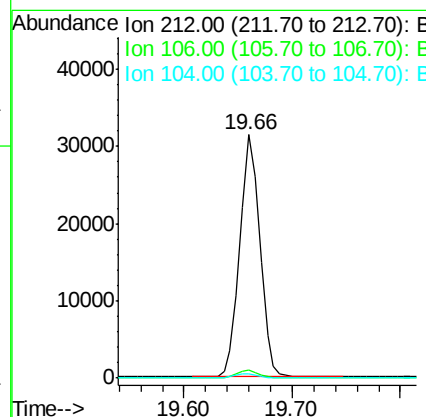
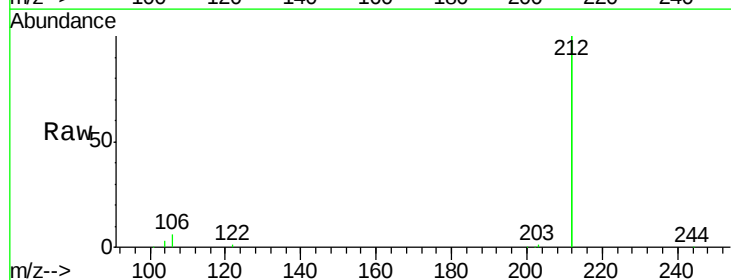
Instrument :
 BNA_E
 ClientSampleId :

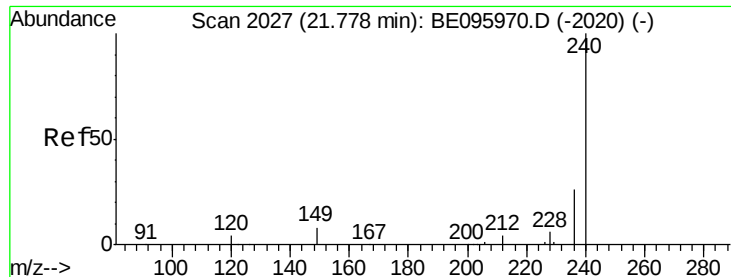
Tot Ion:266 Resp: 20
 Ion Ratio Lower Upper
 266 100
 264 94.2 72.5 108.7
 268 94.2 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.452 ng
 RT: 19.66 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BE095981.D
 Acq: 11 Apr 2018 21:20

Tgt Ion:212 Resp: 40025
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095981.D

Acq: 11 Apr 2018 21:20

Instrument :

BNA_E

ClientSampleId :

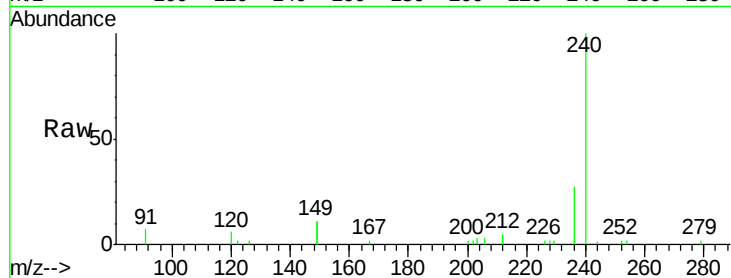
Tot Ion:240 Resp: 7162

Ion Ratio Lower Upper

240 100

120 6.2 5.5 8.3

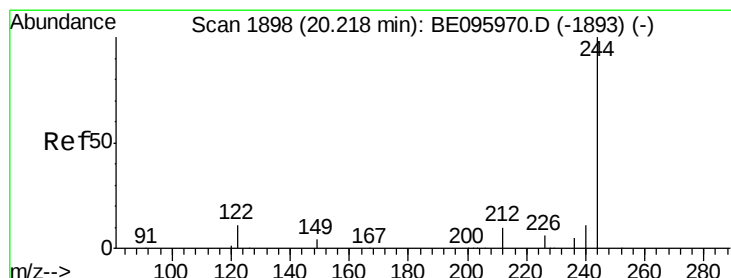
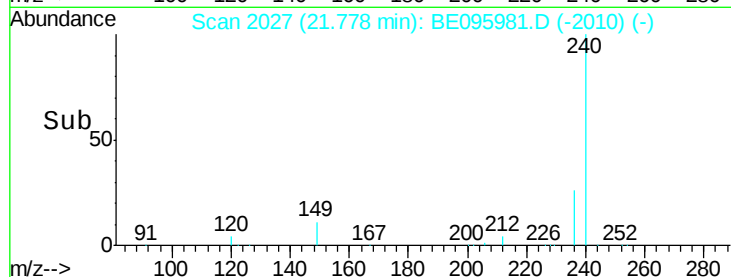
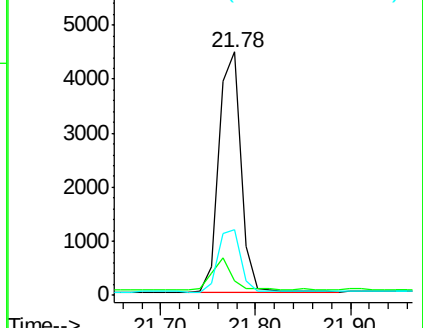
236 27.0 20.7 31.1



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: 0.605 ng

RT: 20.22 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BE095981.D

Acq: 11 Apr 2018 21:20

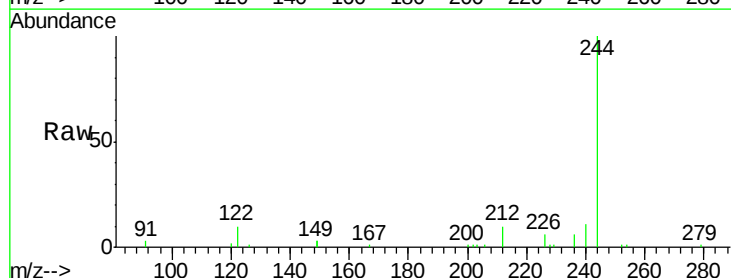
Tgt Ion:244 Resp: 9576

Ion Ratio Lower Upper

244 100

212 10.4 25.4 38.0#

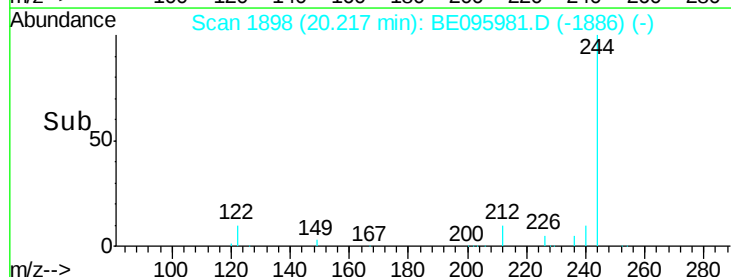
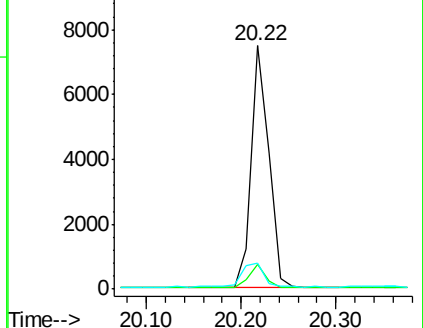
122 10.4 8.1 12.1

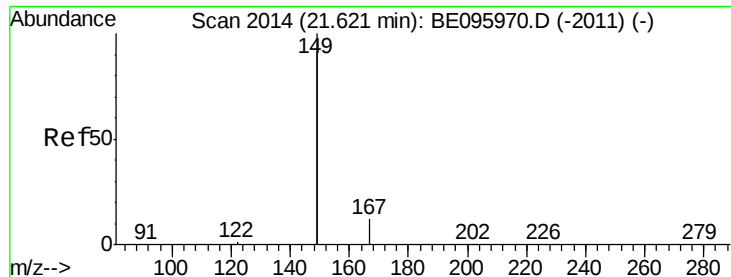


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.101 ng

RT: 21.62 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095981.D

Acq: 11 Apr 2018 21:20

Instrument :

BNA_E

ClientSampleId :

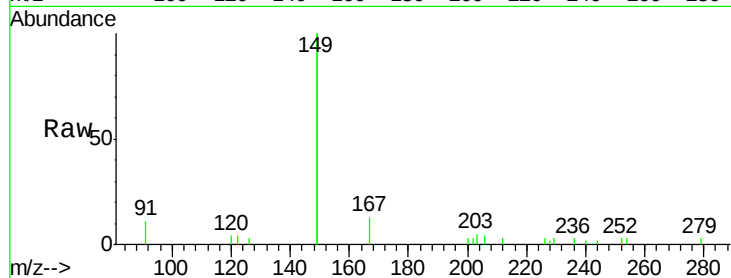
Tot Ion:149 Resp: 5986

Ion Ratio Lower Upper

149 100

167 7.6 5.4 8.0

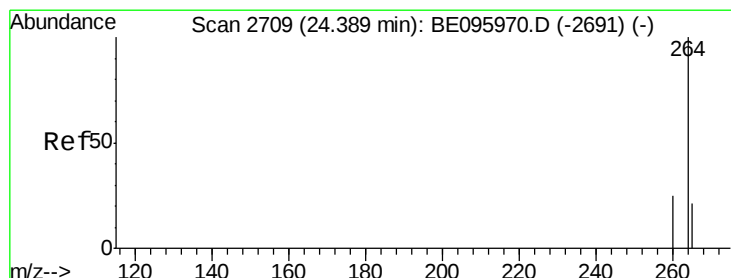
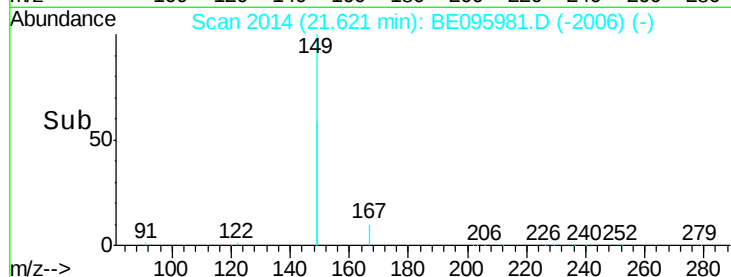
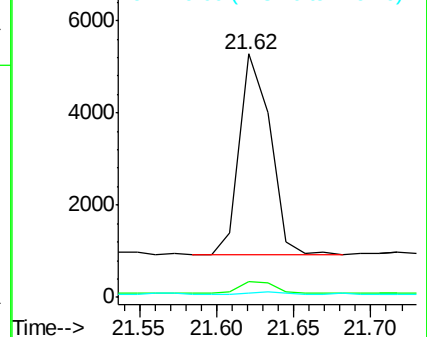
279 1.2 0.7 1.1#



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: 24.39 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095981.D

Acq: 11 Apr 2018 21:20

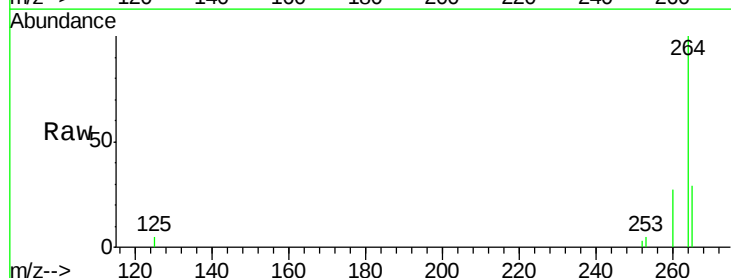
Tgt Ion:264 Resp: 6772

Ion Ratio Lower Upper

264 100

260 26.6 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

