

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041218\
 Data File : BE095986.D
 Acq On : 12 Apr 2018 11:02
 Operator : SJ/JU
 Sample : J2215-02DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 12 13:55:55 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 13:55:20 2018
 Response via : Initial Calibration

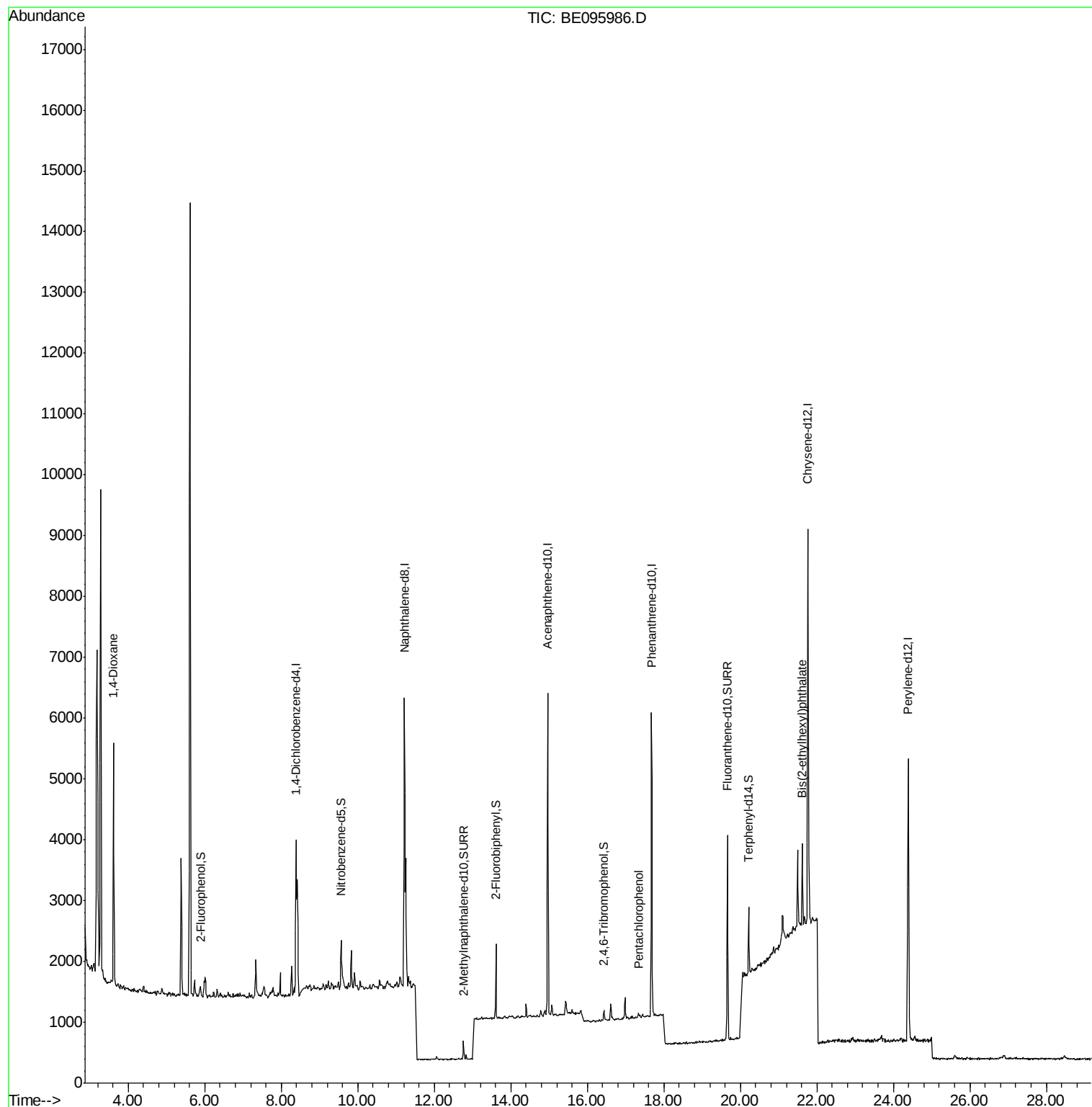
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1333	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5080	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2867	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6951	0.40	ng	0.00
27) Chrysene-d12	21.77	240	7460	0.40	ng	-0.01
34) Perylene-d12	24.39	264	7078	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	86	0.02	ng	0.00
5) Phenol-d6	7.53	99	72	0.01	ng	0.00
8) Nitrobenzene-d5	9.57	82	332	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	371	0.05	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	90	0.07	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	1065	0.09	ng	0.00
25) Fluoranthene-d10	19.66	212	4379	0.05	ng	0.00
29) Terphenyl-d14	20.22	244	989	0.06	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.62	88	2468	1.199	ng	Qvalue # 89
22) Pentachlorophenol	17.33	266	38	0.156	ng	95
32) Bis(2-ethylhexyl)phthalate	21.62	149	1718	0.028	ng	# 95

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

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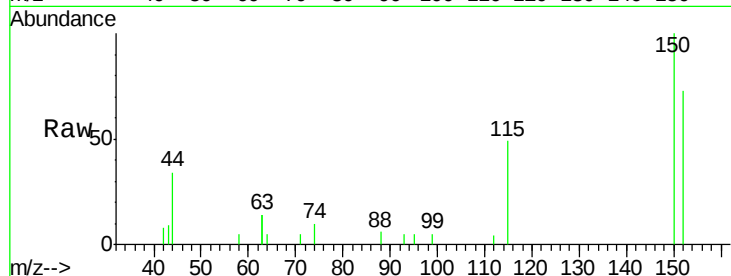


#1

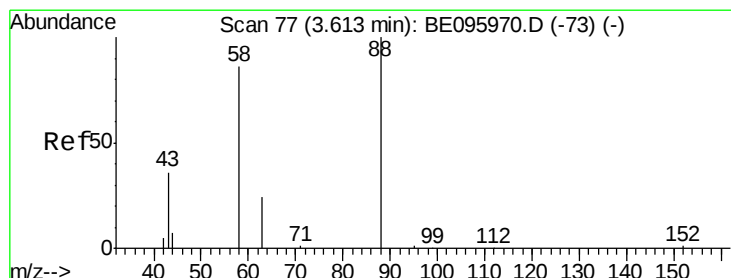
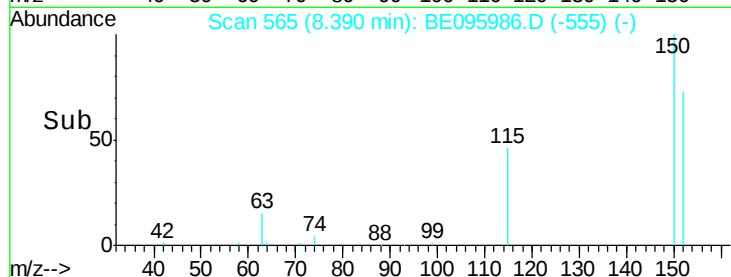
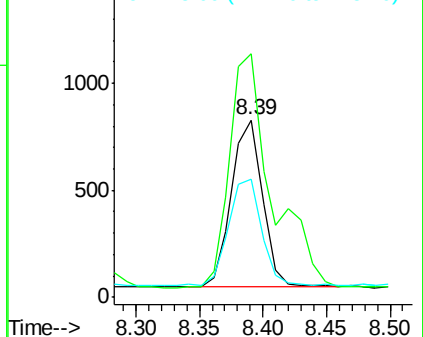
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. -0.00 min
Lab File: BE095986.D
Acq: 12 Apr 2018 11:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1333
Ion Ratio Lower Upper
152 100
150 137.5 117.2 175.8
115 66.7 57.0 85.6



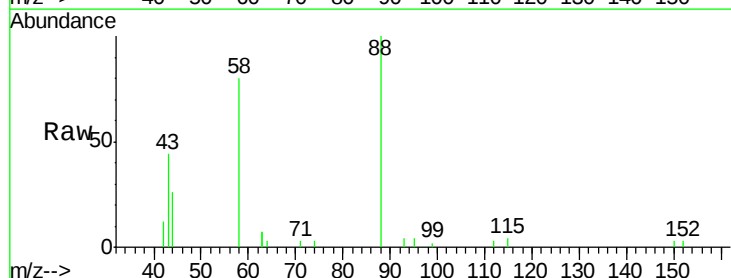
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



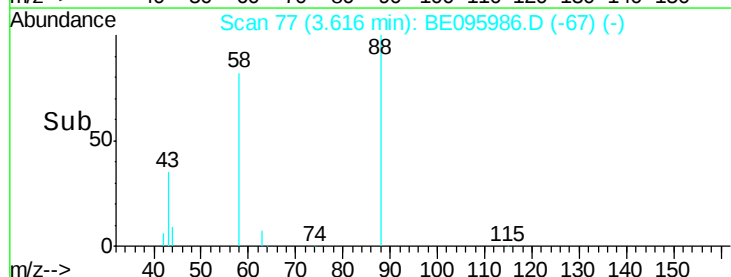
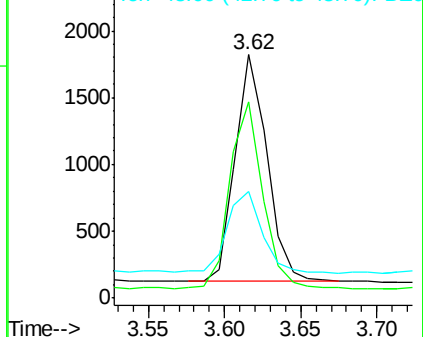
#2

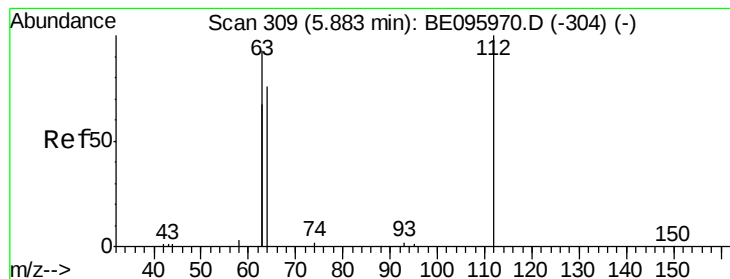
1,4-Dioxane
Concen: 1.199 ng
RT: 3.62 min Scan# 77
Delta R.T. -0.00 min
Lab File: BE095986.D
Acq: 12 Apr 2018 11:02

Tgt Ion: 88 Resp: 2468
Ion Ratio Lower Upper
88 100
58 85.6 63.2 94.8
43 40.4 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: 0.021 ng

RT: 5.89 min Scan# 309

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

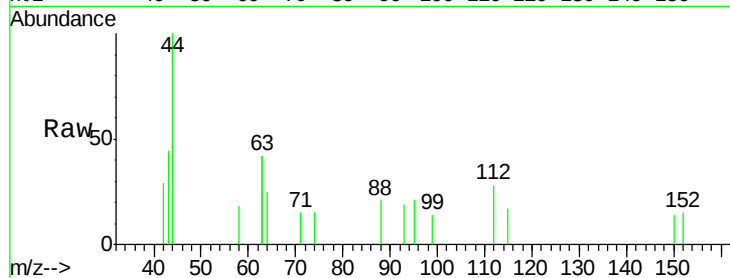
Tot Ion: 112 Resp: 86

Ion Ratio Lower Upper

112 100

64 87.2 60.1 90.1

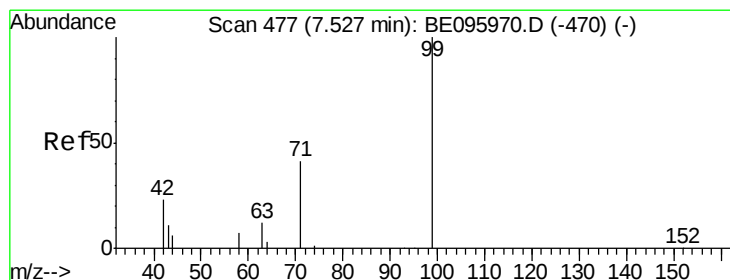
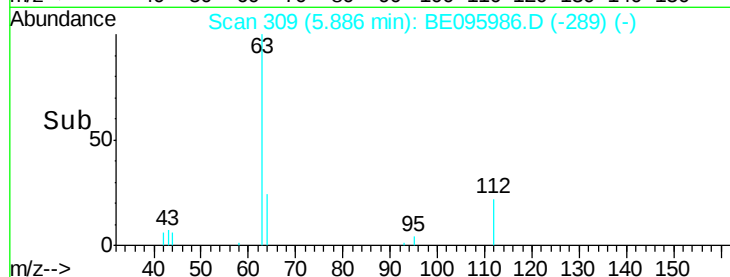
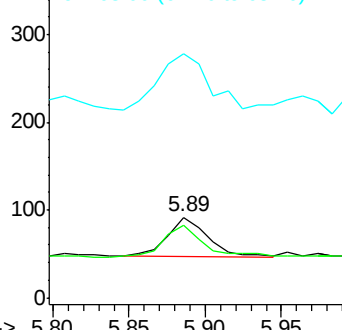
63 181.4 116.8 175.2#



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: 0.013 ng

RT: 7.53 min Scan# 477

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

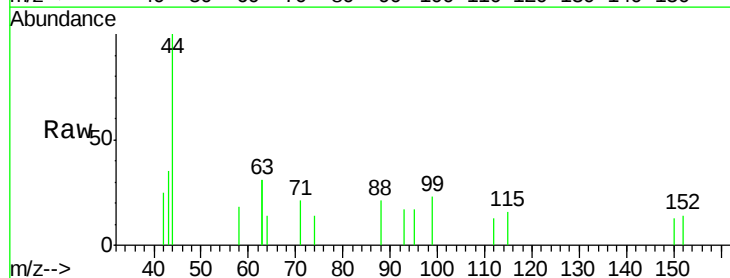
Tgt Ion: 99 Resp: 72

Ion Ratio Lower Upper

99 100

42 56.9 20.2 30.2#

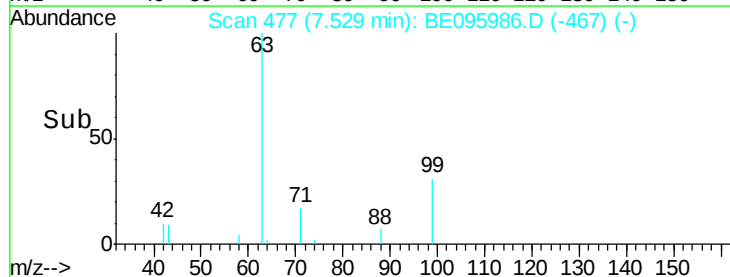
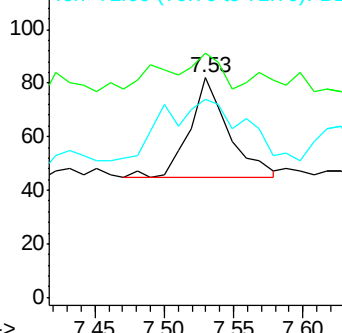
71 125.0 28.4 42.6#



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: BE095986.D

Acq: 12 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5080

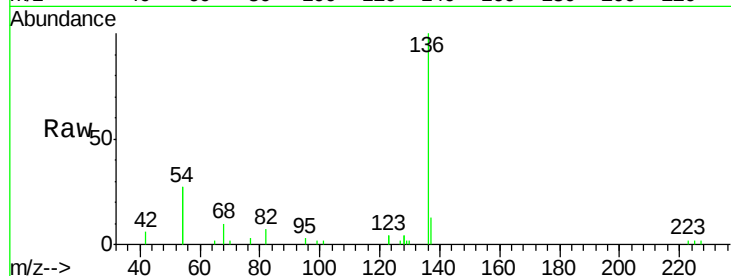
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 53.9 29.1 43.7#

68 9.9 6.2 9.2#

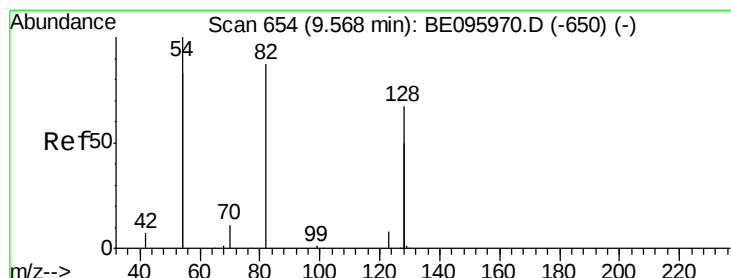
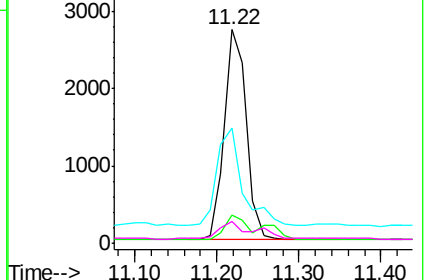
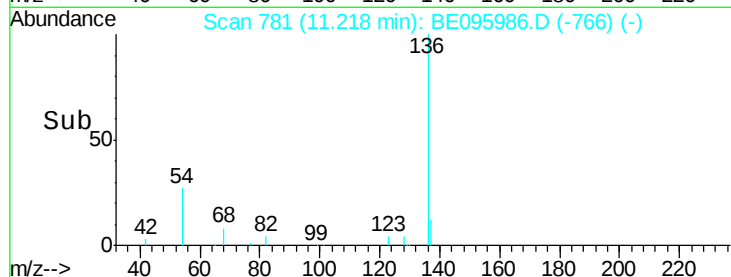


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.056 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

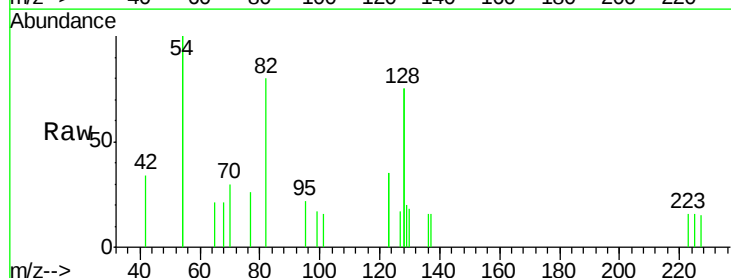
Tgt Ion: 82 Resp: 332

Ion Ratio Lower Upper

82 100

128 187.8 150.0 225.0

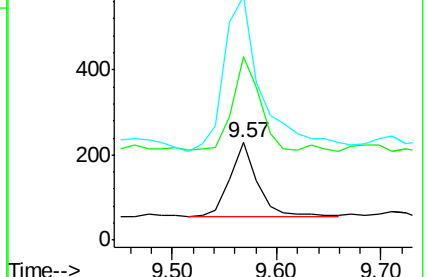
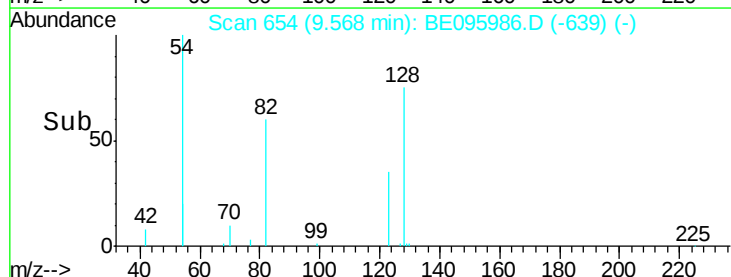
54 249.8 154.2 231.4#

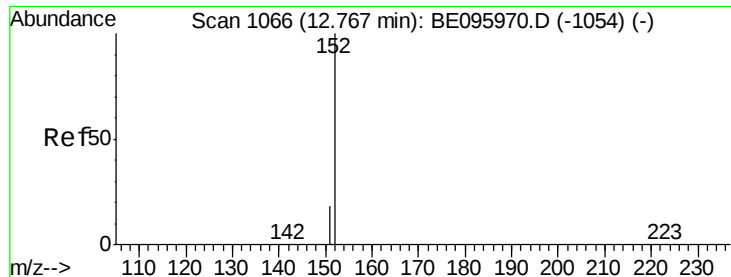


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

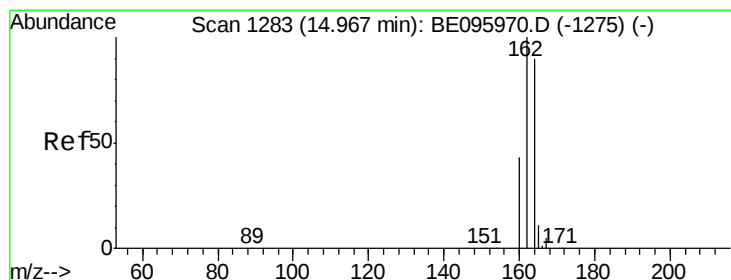
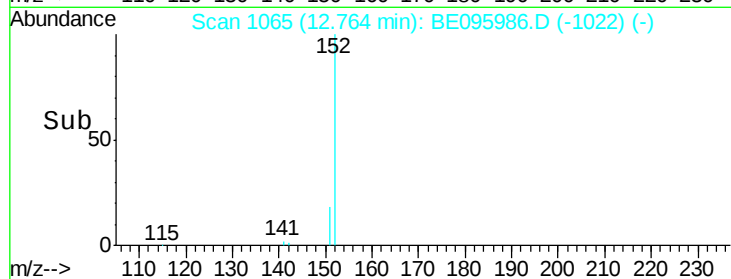
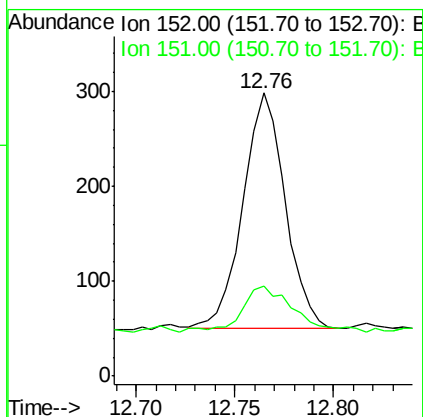
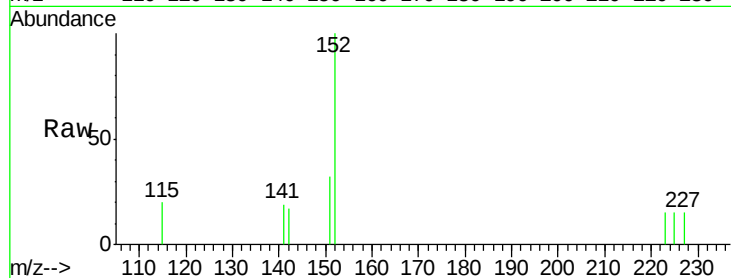




#11
2-Methylnaphthalene-d10
Concen: 0.046 ng
RT: 12.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE095986.D
Acq: 12 Apr 2018 11:02

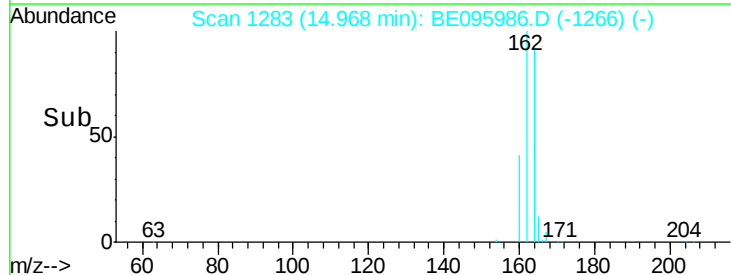
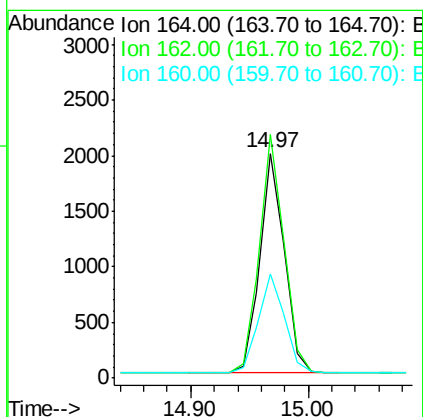
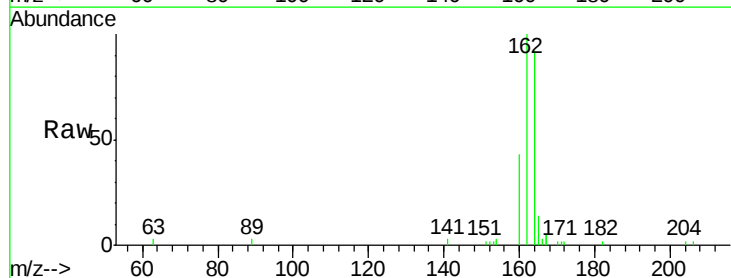
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 371
Ion Ratio Lower Upper
152 100
151 22.9 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.97 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BE095986.D
Acq: 12 Apr 2018 11:02

Tgt Ion:164 Resp: 2867
Ion Ratio Lower Upper
164 100
162 108.4 83.1 124.7
160 46.2 37.1 55.7

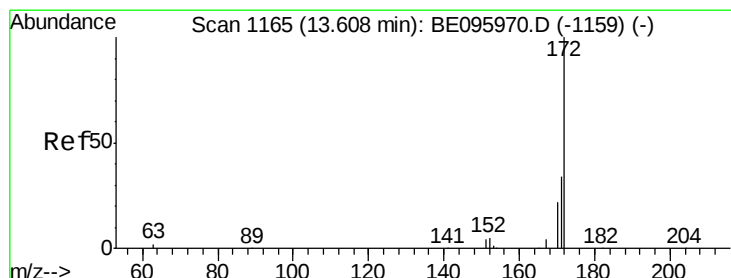
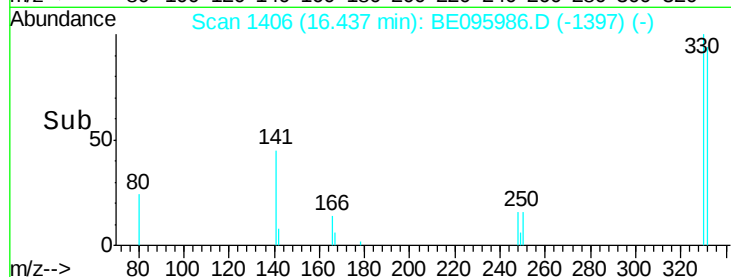
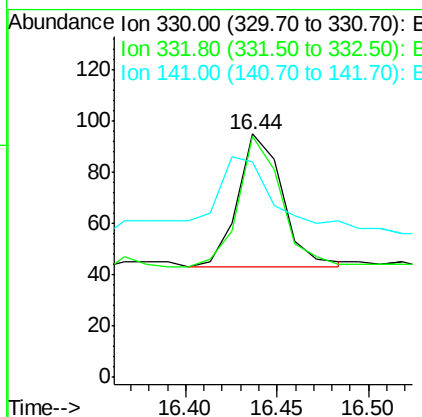
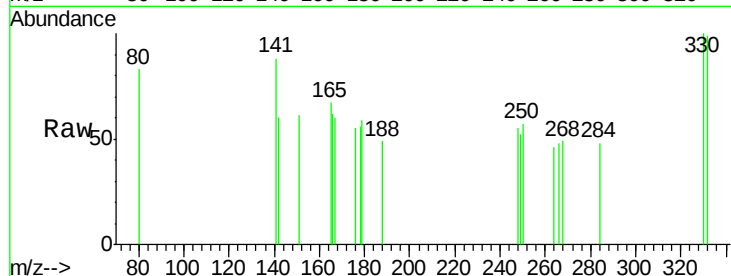




#14
2,4,6-Tribromophenol
Concen: 0.065 ng
RT: 16.44 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BE095986.D
Acq: 12 Apr 2018 11:02

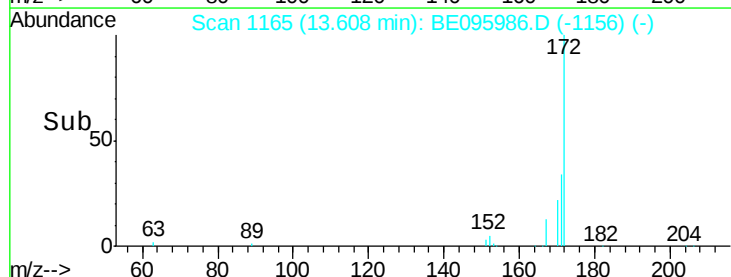
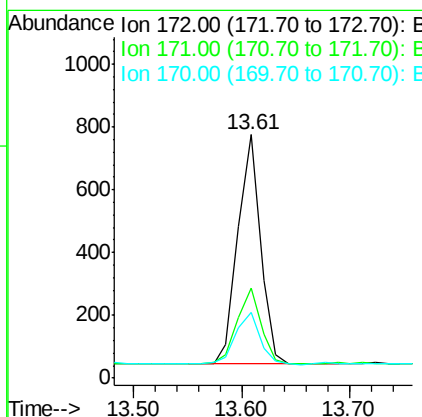
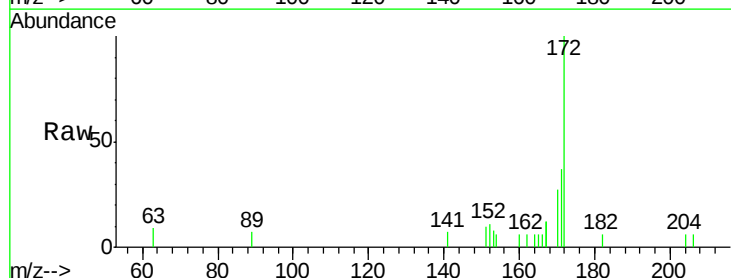
Instrument :
BNA_E
ClientSampleId :

Tot Ion:330 Resp: 90
Ion Ratio Lower Upper
330 100
332 93.3 152.7 229.1#
141 61.1 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.087 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095986.D
Acq: 12 Apr 2018 11:02

Tgt Ion:172 Resp: 1065
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 27.1 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.67 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

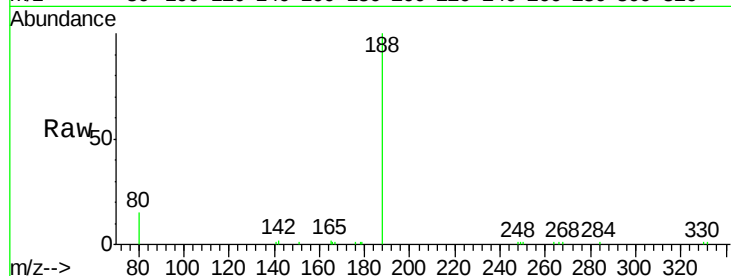
Tot Ion:188 Resp: 6951

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

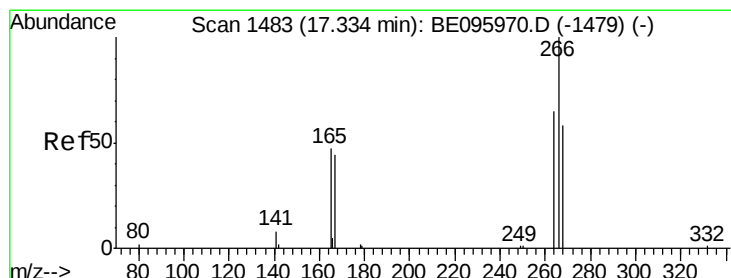
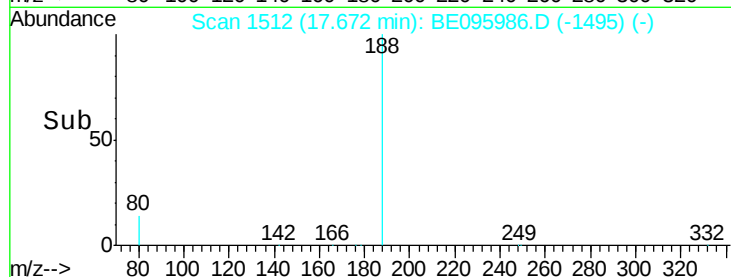
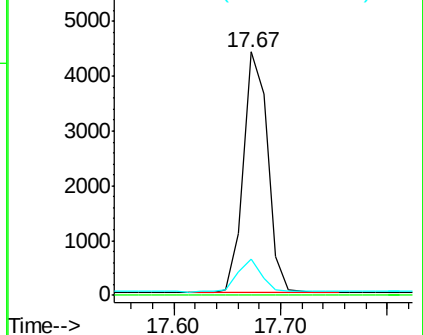
80 15.0 3.6 5.4#



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: 0.156 ng

RT: 17.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

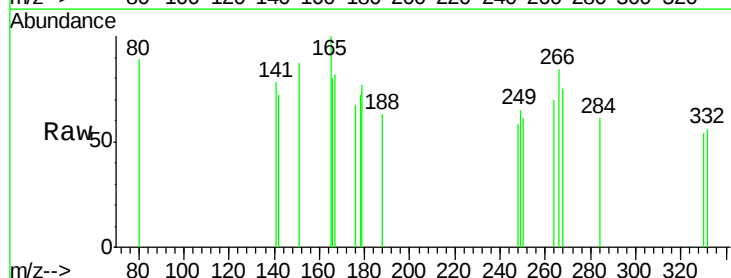
Tgt Ion:266 Resp: 38

Ion Ratio Lower Upper

266 100

264 83.3 72.5 108.7

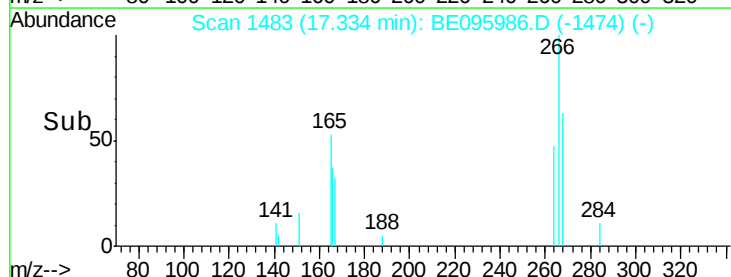
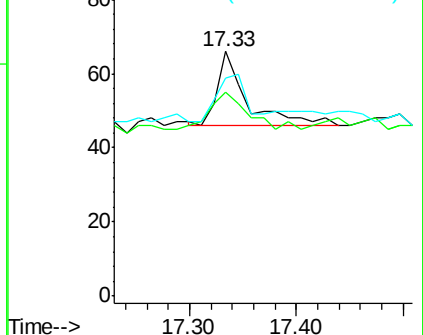
268 89.4 73.8 110.6

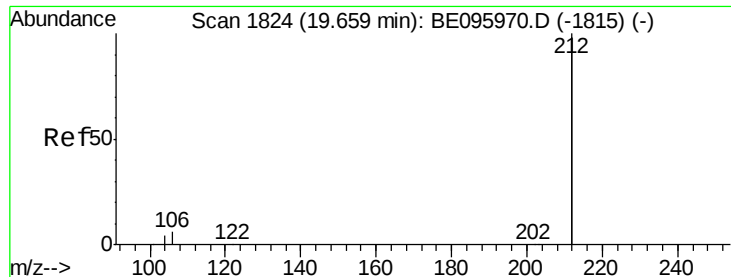


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

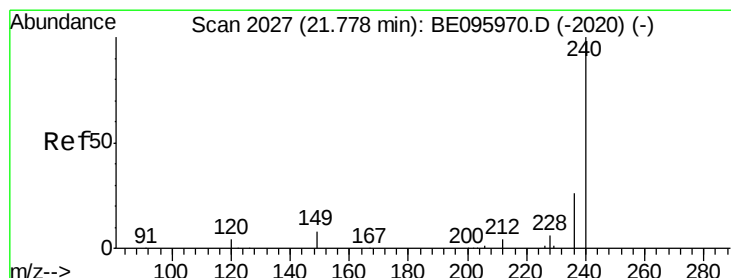
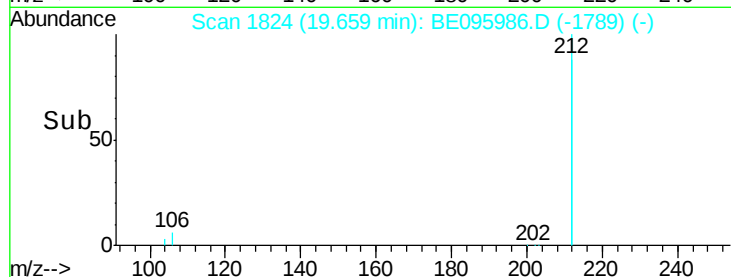
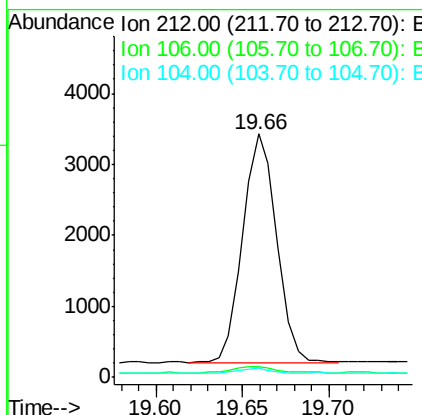
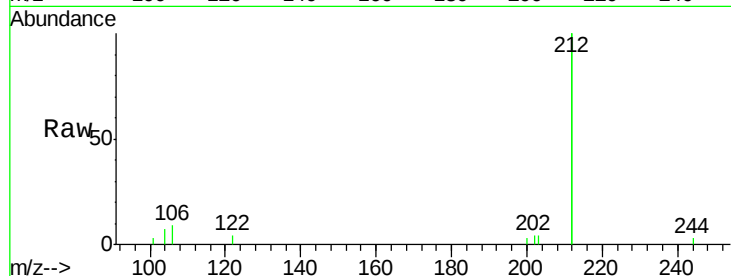




#25
 Fluoranthene-d10
 Concen: 0.046 ng
 RT: 19.66 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BE095986.D
 Acq: 12 Apr 2018 11:02

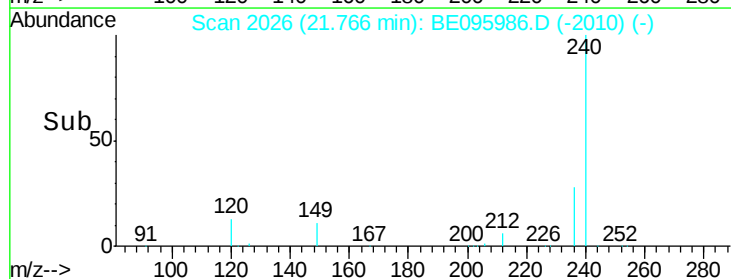
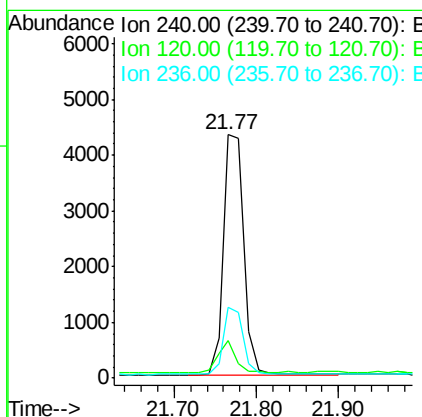
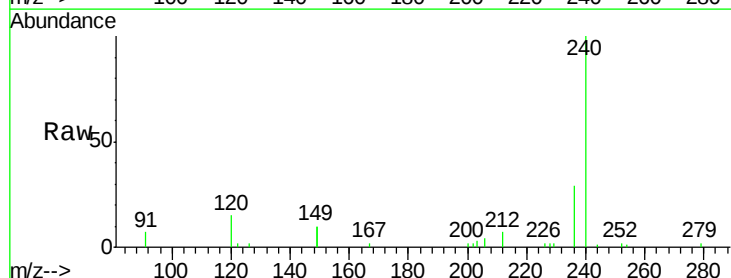
Instrument :
 BNA_E
 ClientSampleId :

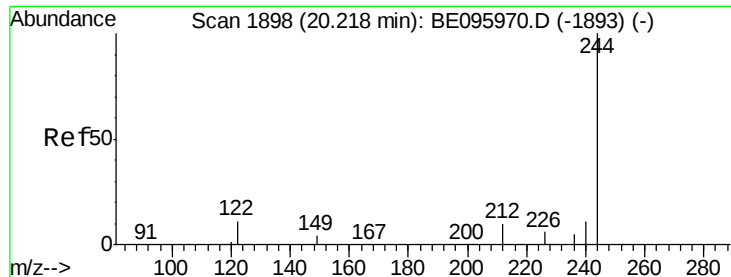
Tot Ion:212 Resp: 4379
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.8 4.2
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.77 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BE095986.D
 Acq: 12 Apr 2018 11:02

Tgt Ion:240 Resp: 7460
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.5 8.3#
 236 29.2 20.7 31.1





#29

Terphenyl-d14

Concen: 0.060 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

Instrument :

BNA_E

ClientSampled :

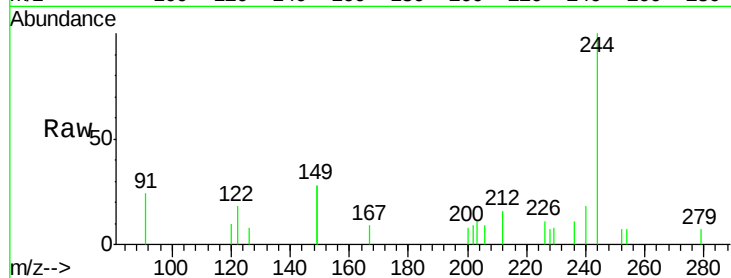
Tot Ion:244 Resp: 989

Ion Ratio Lower Upper

244 100

212 15.6 25.4 38.0#

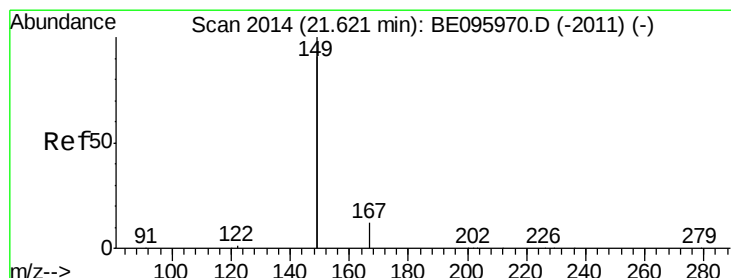
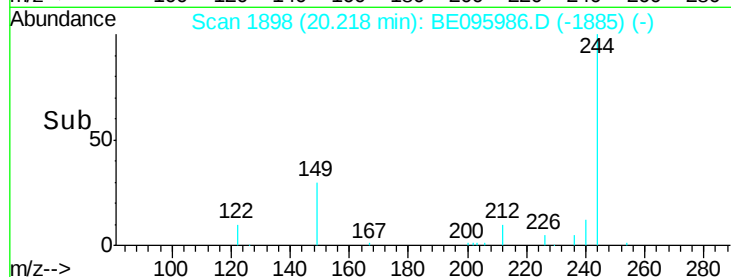
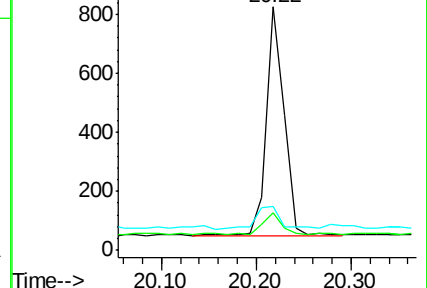
122 18.1 8.1 12.1#



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: 0.028 ng

RT: 21.62 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

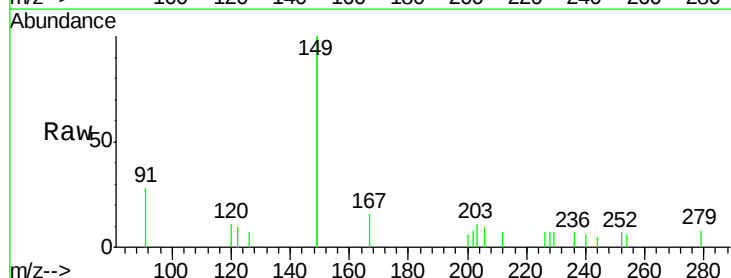
Tgt Ion:149 Resp: 1718

Ion Ratio Lower Upper

149 100

167 8.6 5.4 8.0#

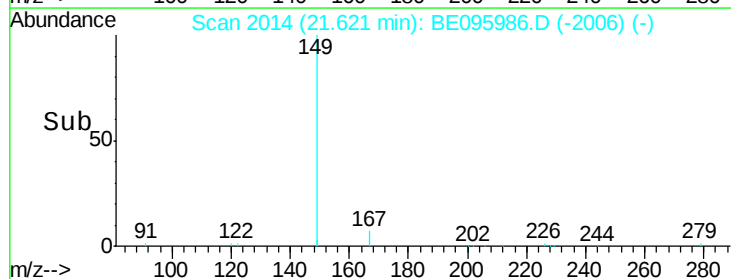
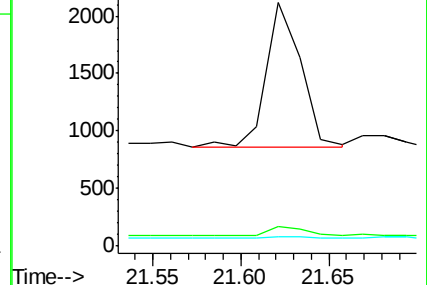
279 1.5 0.7 1.1#

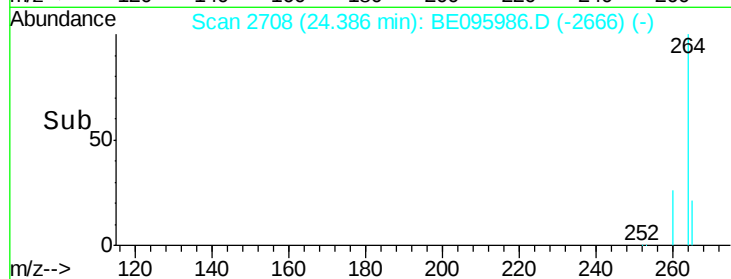
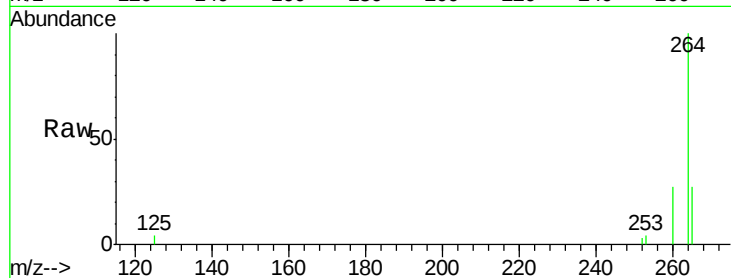


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.39 min Scan# 2708
 Delta R.T. -0.00 min
 Lab File: BE095986.D
 Acq: 12 Apr 2018 11:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 7078
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.5 30.7
 265 27.4 22.8 34.2

