

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
 Data File : BE096228.D
 Acq On : 30 Apr 2018 18:59
 Operator : SJ/JU
 Sample : J2464-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0445-180417

Quant Time: May 01 02:29:54 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

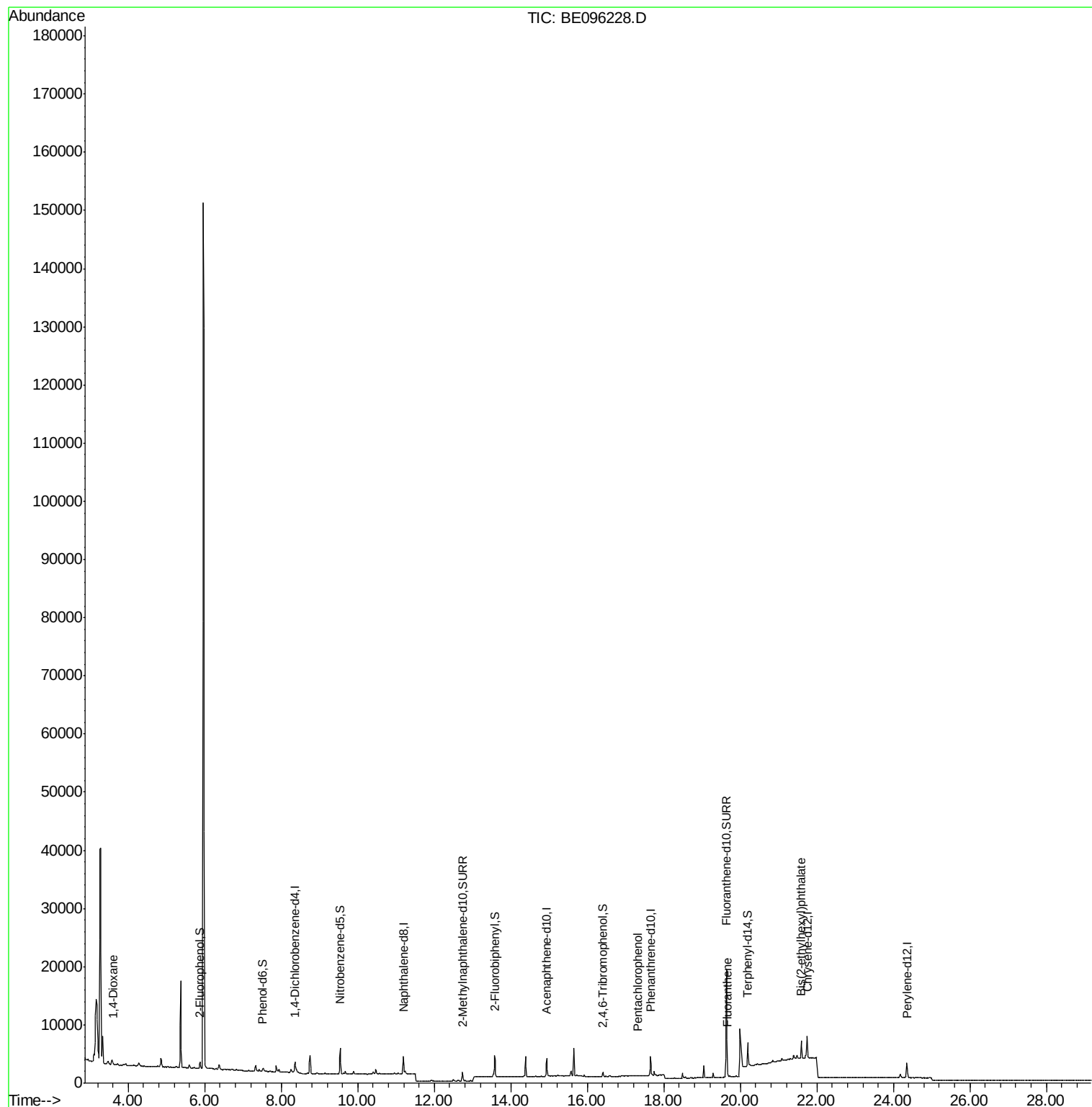
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	859	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3246	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1859	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4161	0.40	ng	0.00
27) Chrysene-d12	21.75	240	4131	0.40	ng	0.01
34) Perylene-d12	24.35	264	3876	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	497	0.19	ng	0.01
5) Phenol-d6	7.52	99	451	0.12	ng	0.01
8) Nitrobenzene-d5	9.54	82	1635	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2084	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	385	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3172	0.40	ng	0.00
25) Fluoranthene-d10	19.64	212	22967	0.41	ng	0.00
29) Terphenyl-d14	20.19	244	3637	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	55	0.041	ng	Qvalue # 1
22) Pentachlorophenol	17.31	266	13	0.147	ng	92
26) Fluoranthene	19.67	202	540	0.035	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.60	149	3815	0.112	ng	# 99

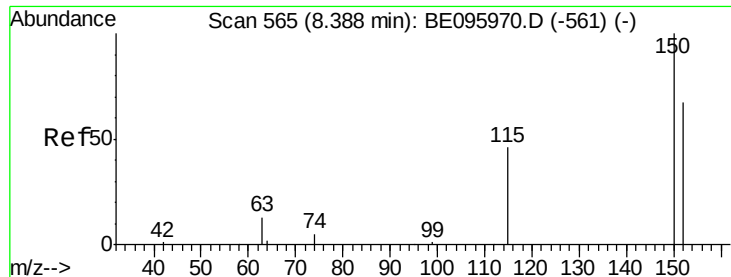
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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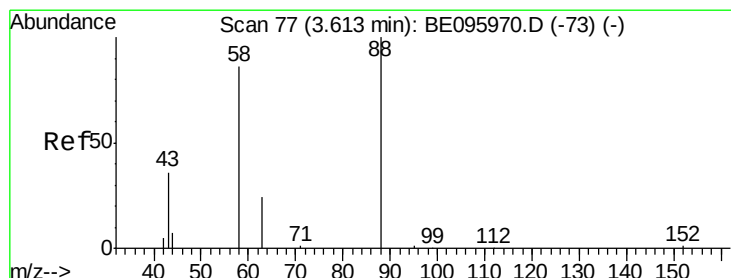
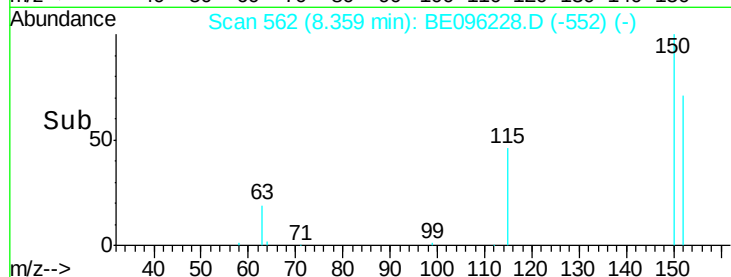
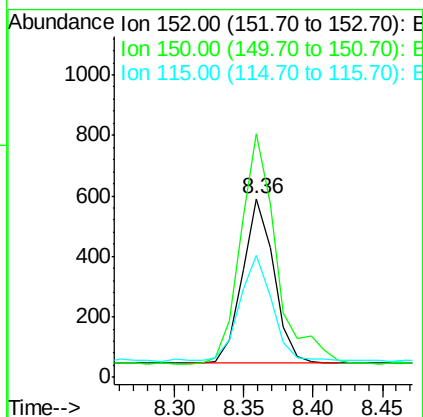
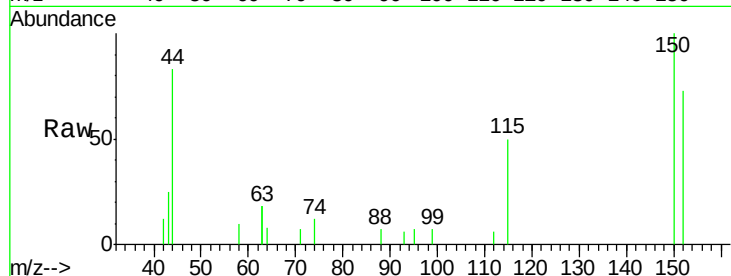


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096228.D
Acq: 30 Apr 2018 18:59

Instrument :
BNA_E
ClientSampleId :
DUP-0445-180417

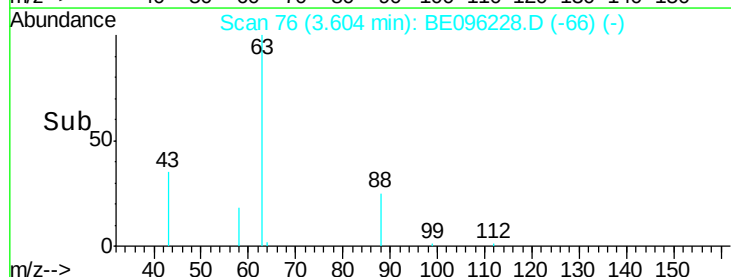
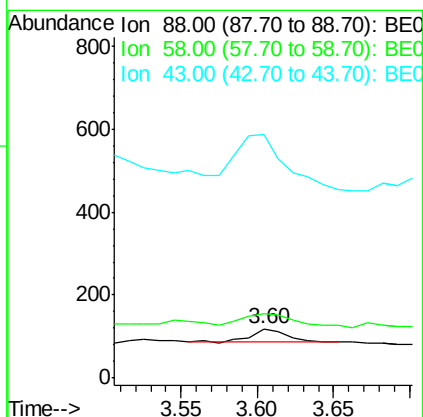
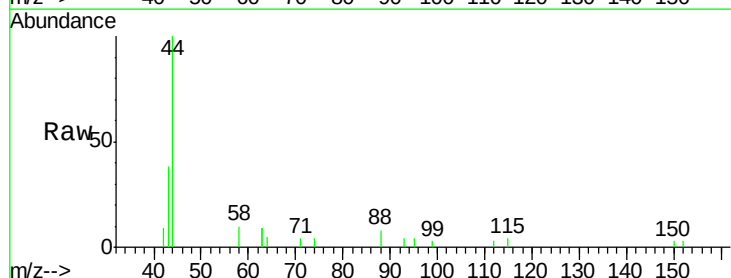
Tgt Ion: 152 Resp: 859
Ion Ratio Lower Upper
152 100
150 136.2 117.2 175.8
115 68.5 57.0 85.6

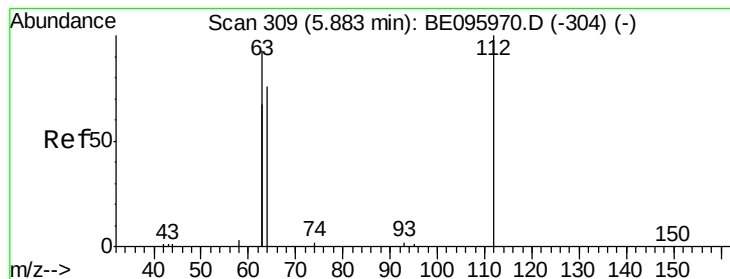


#2

1,4-Dioxane
Concen: 0.041 ng
RT: 3.60 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096228.D
Acq: 30 Apr 2018 18:59

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
58 156.4 63.2 94.8#
43 552.7 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.187 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Instrument :

BNA_E

ClientSampleId :

DUP-0445-180417

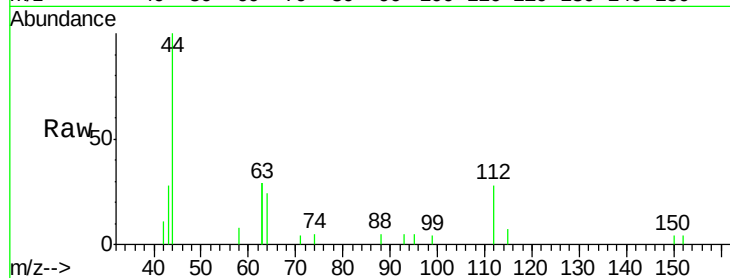
Tgt Ion: 112 Resp: 497

Ion Ratio Lower Upper

112 100

64 72.0 60.1 90.1

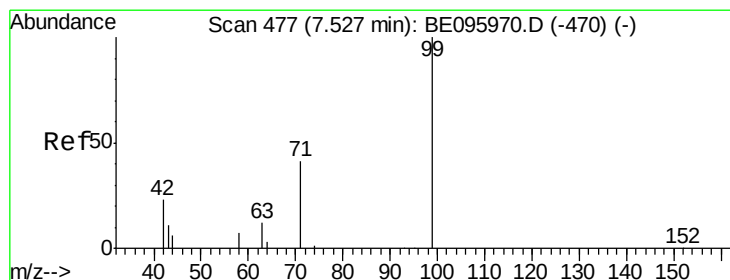
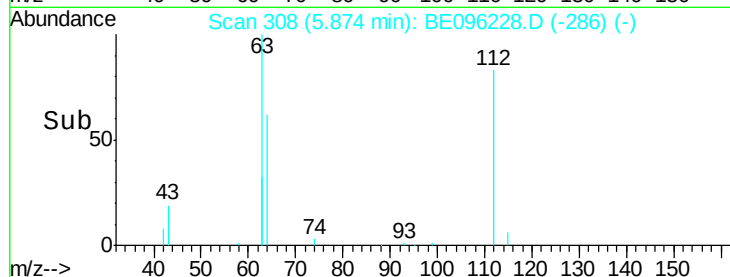
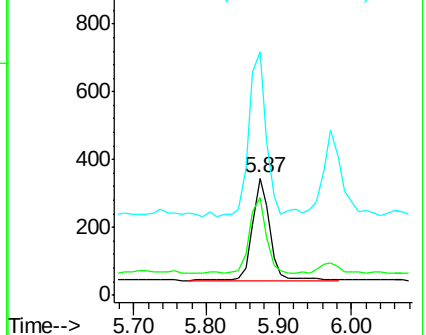
63 164.6 116.8 175.2



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: 0.123 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

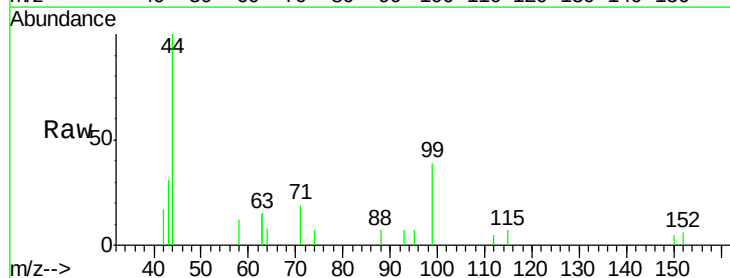
Tgt Ion: 99 Resp: 451

Ion Ratio Lower Upper

99 100

42 30.8 20.2 30.2#

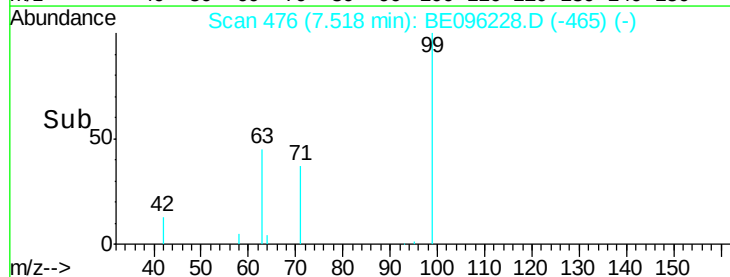
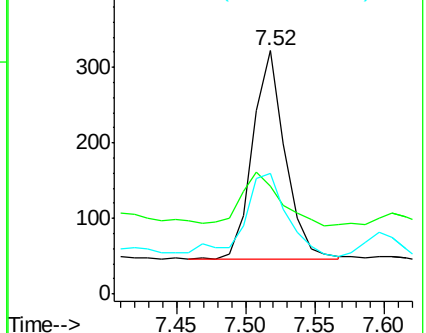
71 52.1 28.4 42.6#

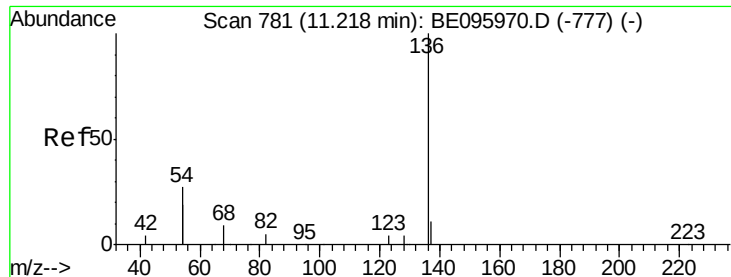


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:136 Resp: 3246

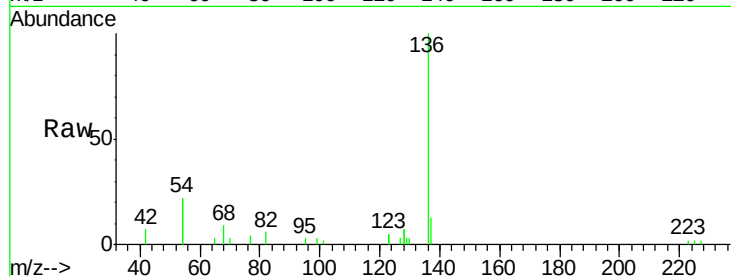
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 43.9 29.1 43.7#

68 9.0 6.2 9.2

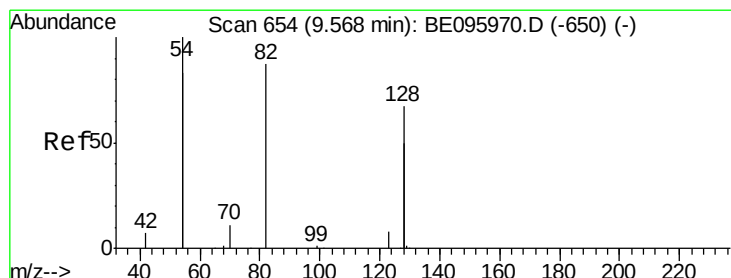
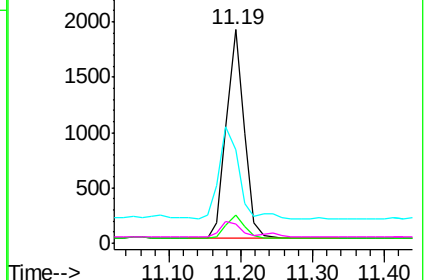
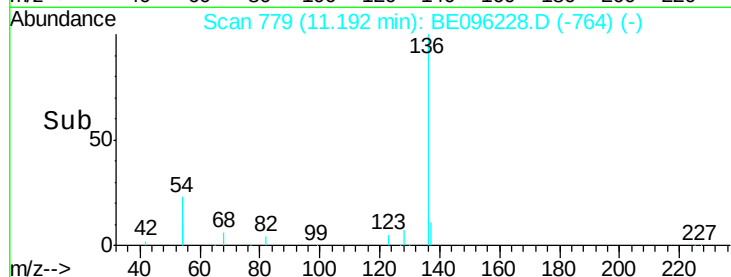


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.429 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

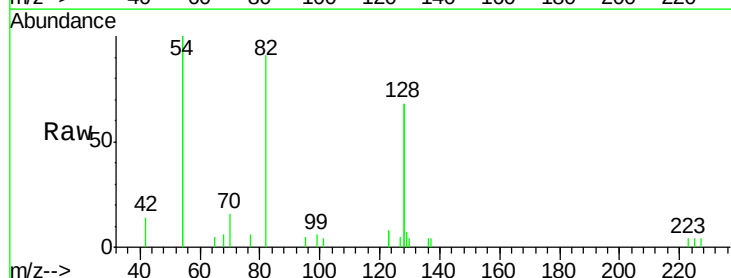
Tgt Ion: 82 Resp: 1635

Ion Ratio Lower Upper

82 100

128 148.8 150.0 225.0#

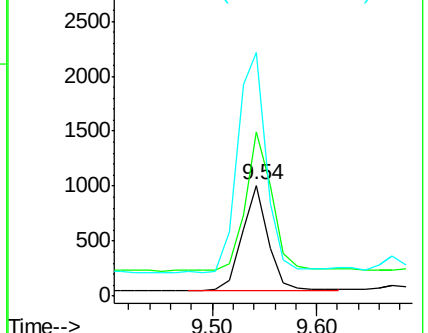
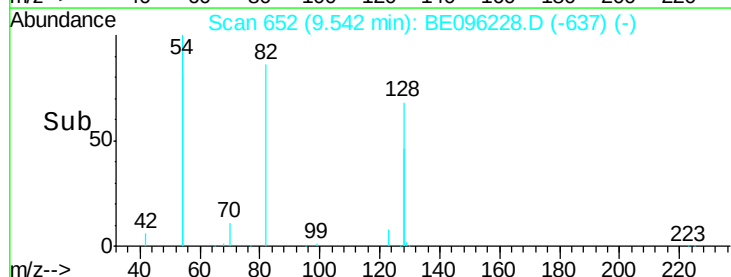
54 219.9 154.2 231.4

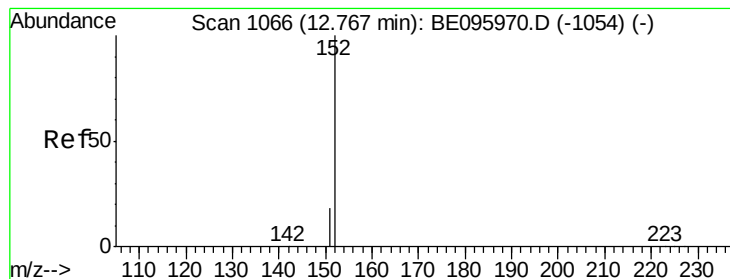


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 12.73 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Instrument :

BNA_E

ClientSampleId :

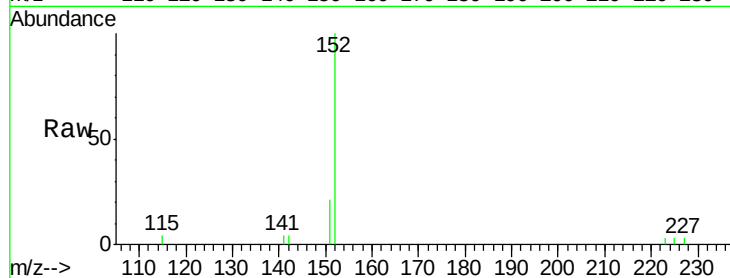
DUP-0445-180417

Tgt Ion:152 Resp: 2084

Ion Ratio Lower Upper

152 100

151 20.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.73

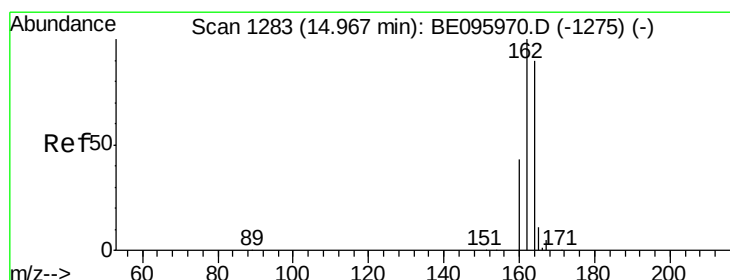
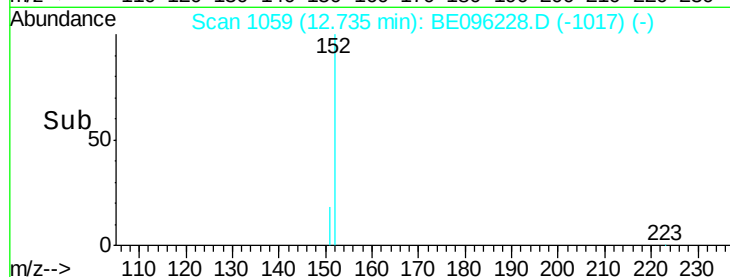
1500

1000

500

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

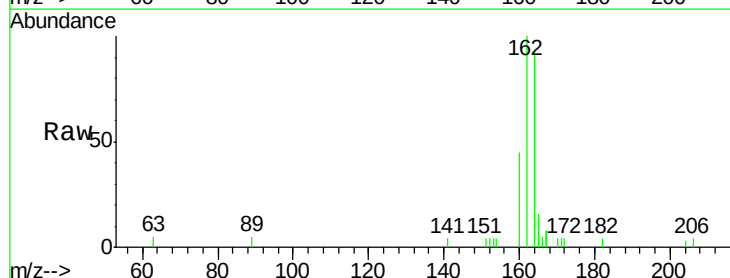
Tgt Ion:164 Resp: 1859

Ion Ratio Lower Upper

164 100

162 108.0 83.1 124.7

160 48.8 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

14.94

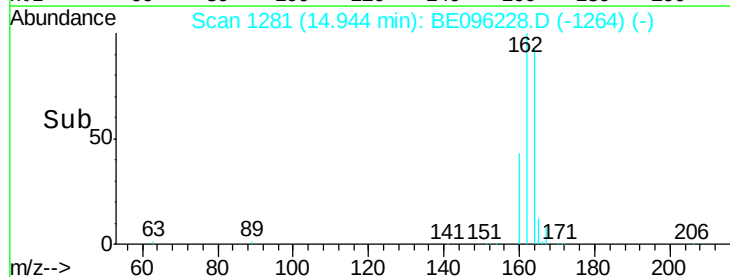
1500

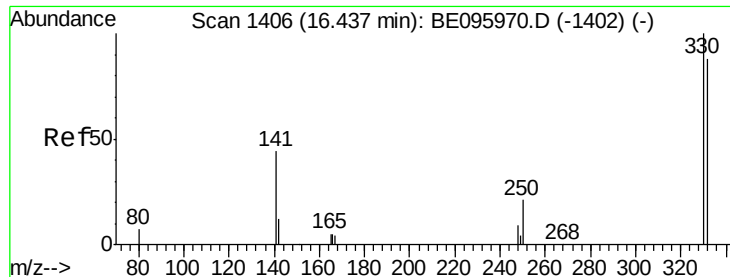
1000

500

0

Time-->

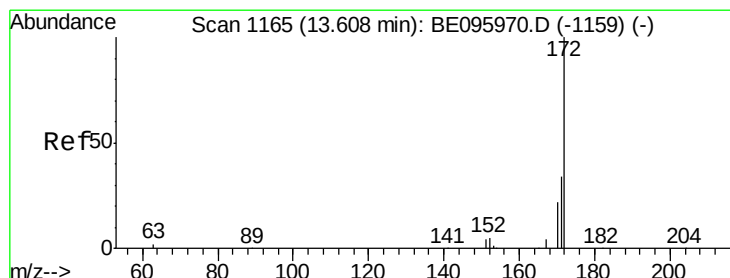
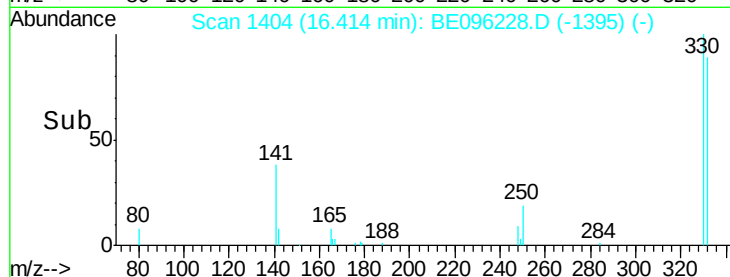
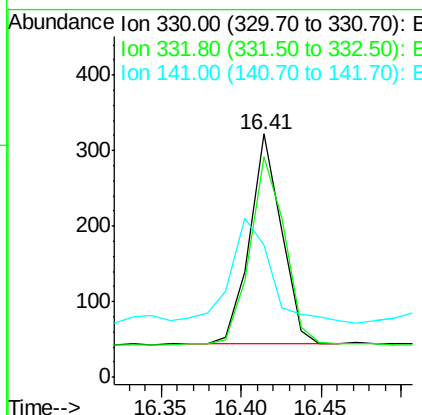
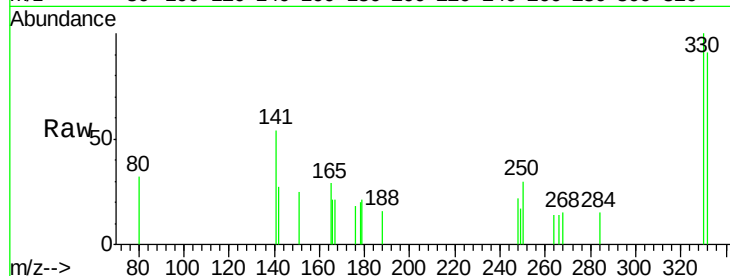




#14
 2,4,6-Tribromophenol
 Concen: 0.429 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096228.D
 Acq: 30 Apr 2018 18:59

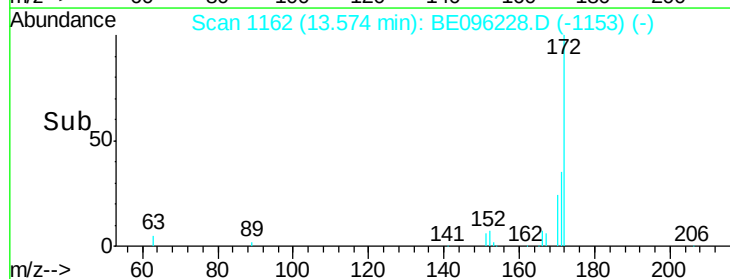
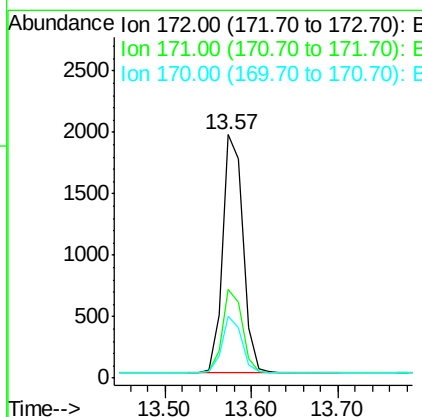
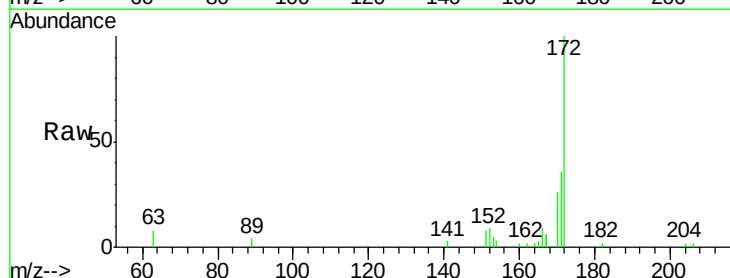
Instrument :
 BNA_E
 ClientSampleId :
 DUP-0445-180417

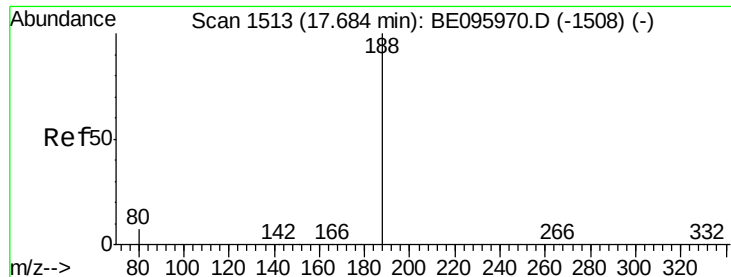
Tgt Ion: 330 Resp: 385
 Ion Ratio Lower Upper
 330 100
 332 97.9 152.7 229.1#
 141 62.6 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.399 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BE096228.D
 Acq: 30 Apr 2018 18:59

Tgt Ion: 172 Resp: 3172
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.9 44.9
 170 25.6 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Instrument :

BNA_E

ClientSampleId :

DUP-0445-180417

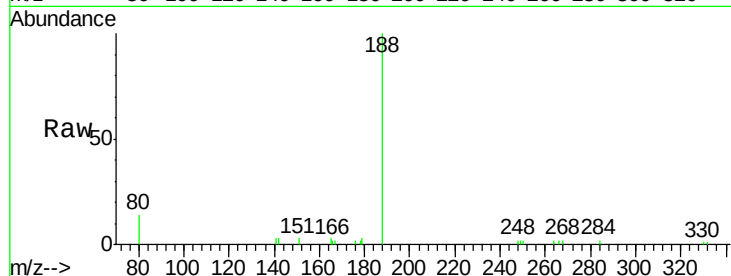
Tgt Ion:188 Resp: 4161

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

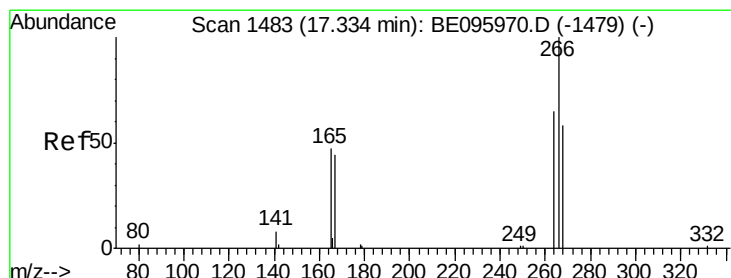
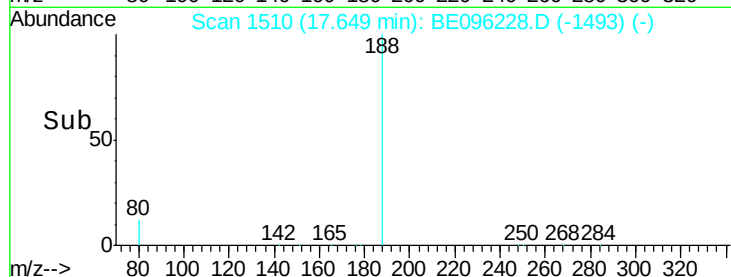
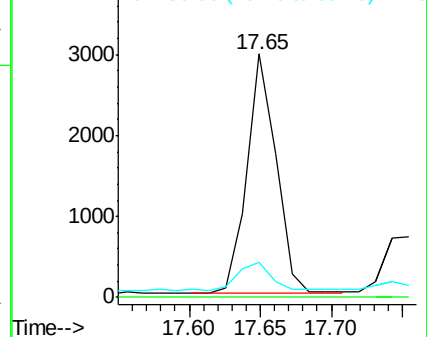
80 14.5 3.6 5.4#



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: 0.147 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

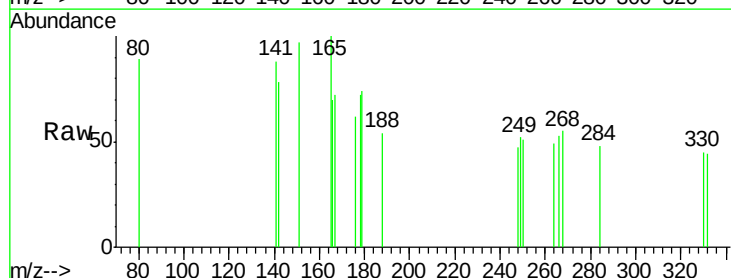
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 94.1 72.5 108.7

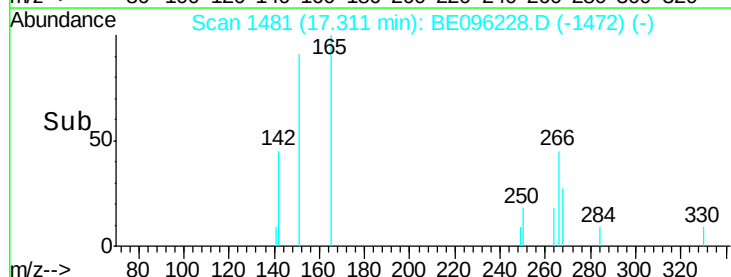
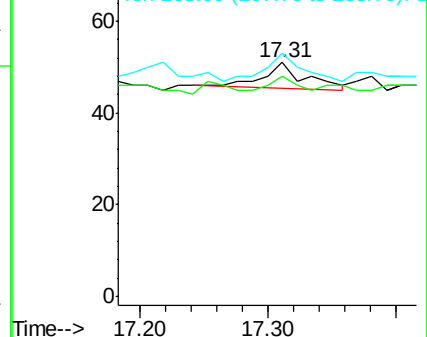
268 103.9 73.8 110.6

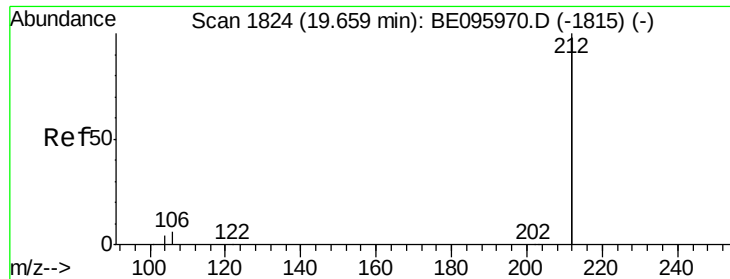


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

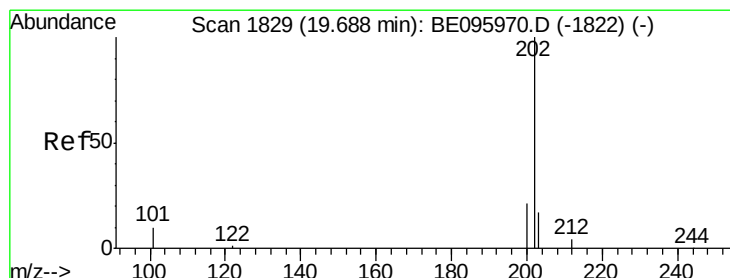
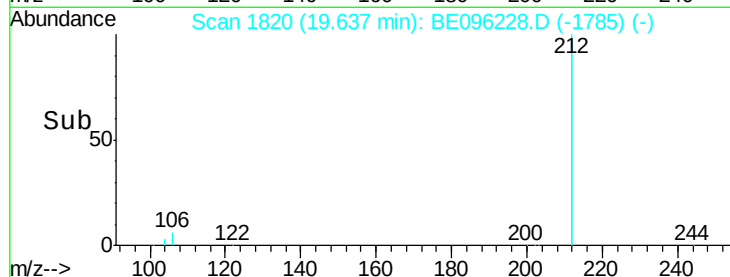
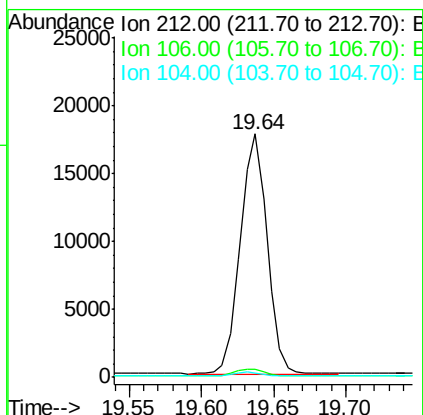
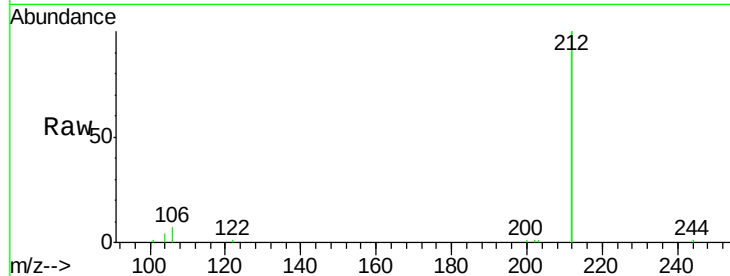




#25
 Fluoranthene-d10
 Concen: 0.407 ng
 RT: 19.64 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BE096228.D
 Acq: 30 Apr 2018 18:59

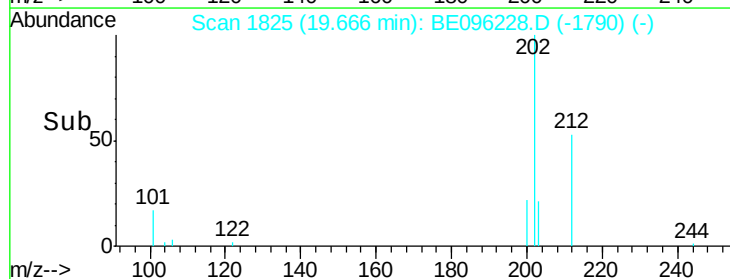
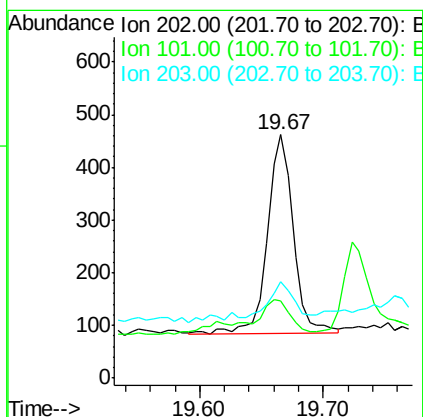
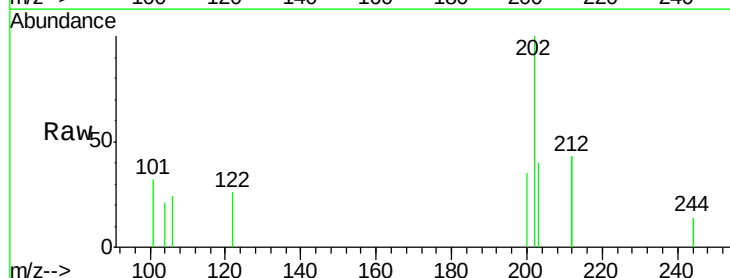
Instrument :
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 DUP-0445-180417

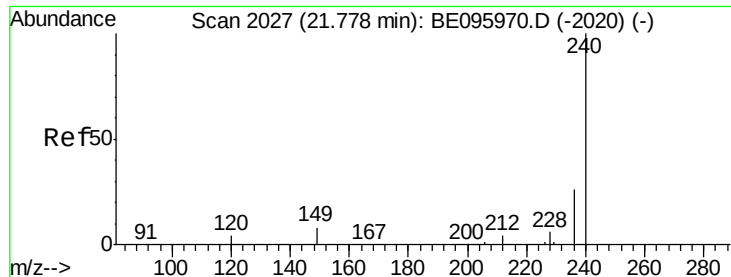
Tgt Ion: 212 Resp: 22967
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.035 ng
 RT: 19.67 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BE096228.D
 Acq: 30 Apr 2018 18:59

Tgt Ion: 202 Resp: 540
 Ion Ratio Lower Upper
 202 100
 101 16.7 9.8 14.8#
 203 18.3 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Instrument :

BNA_E

ClientSampleId :

DUP-0445-180417

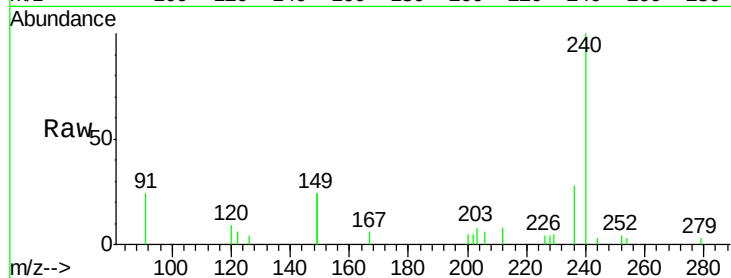
Tgt Ion:240 Resp: 4131

Ion Ratio Lower Upper

240 100

120 9.4 5.5 8.3#

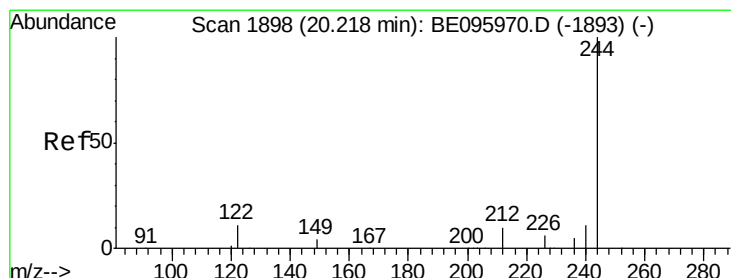
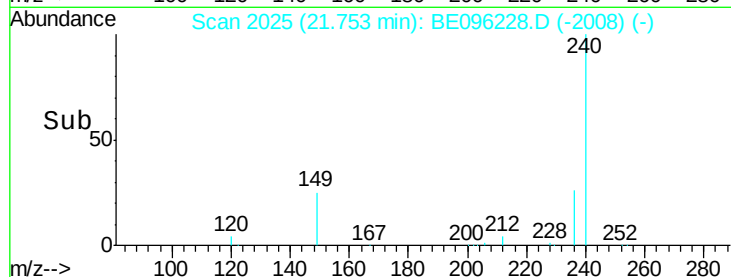
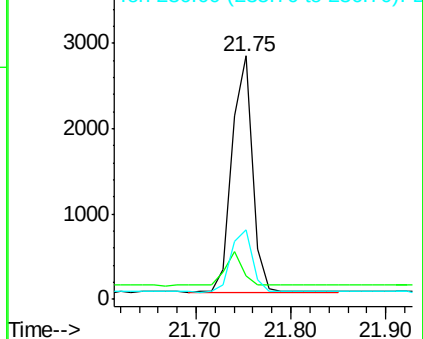
236 28.5 20.7 31.1



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: 0.398 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

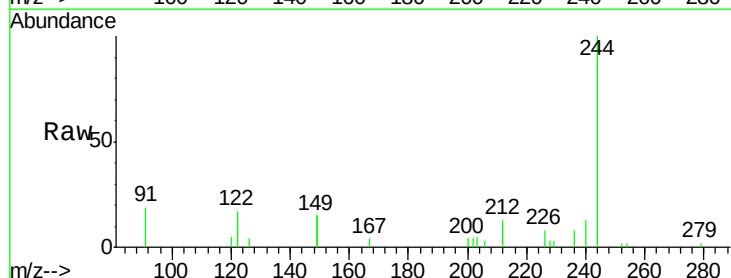
Tgt Ion:244 Resp: 3637

Ion Ratio Lower Upper

244 100

212 13.0 25.4 38.0#

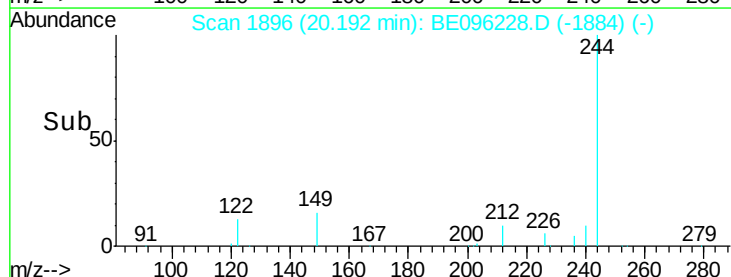
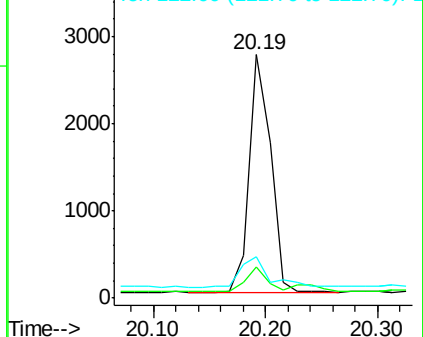
122 16.9 8.1 12.1#

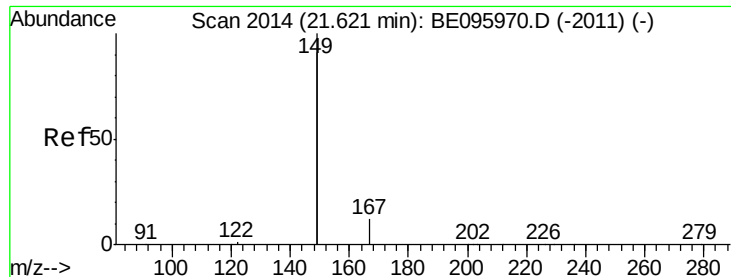


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.112 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Instrument :

BNA_E

ClientSampleId :

DUP-0445-180417

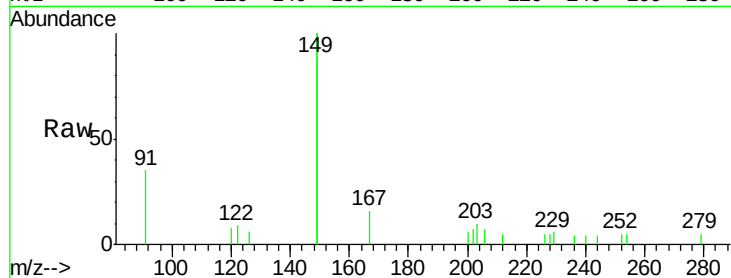
Tgt Ion:149 Resp: 3815

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

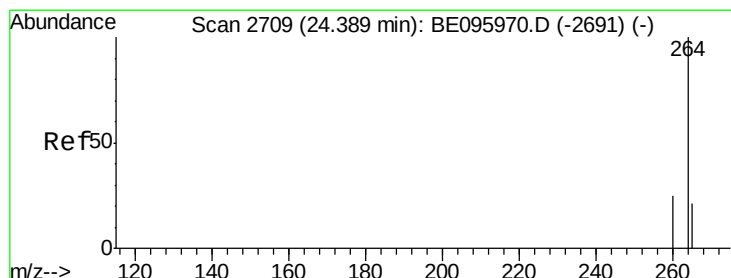
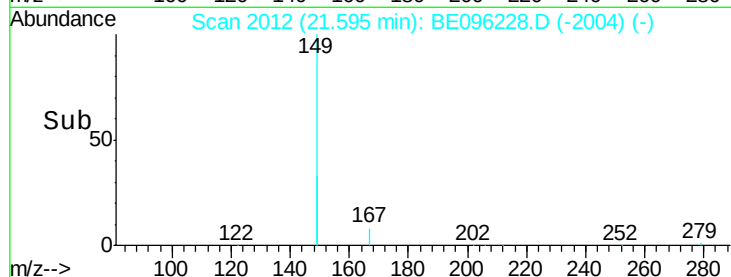
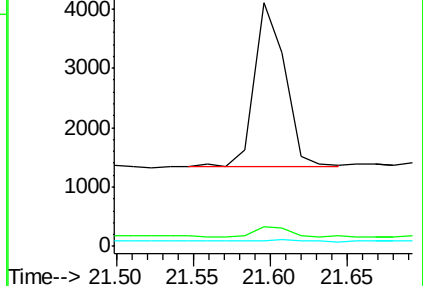
279 1.6 0.7 1.1#



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: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

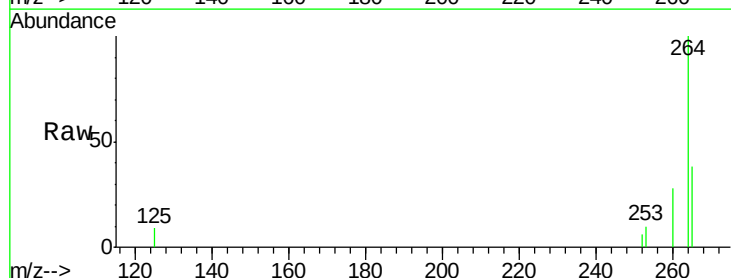
Tgt Ion:264 Resp: 3876

Ion Ratio Lower Upper

264 100

260 28.1 20.5 30.7

265 37.6 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

