

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096308.D
 Acq On : 2 May 2018 23:50
 Operator : SJ/JU
 Sample : J2662-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 03 01:55:40 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

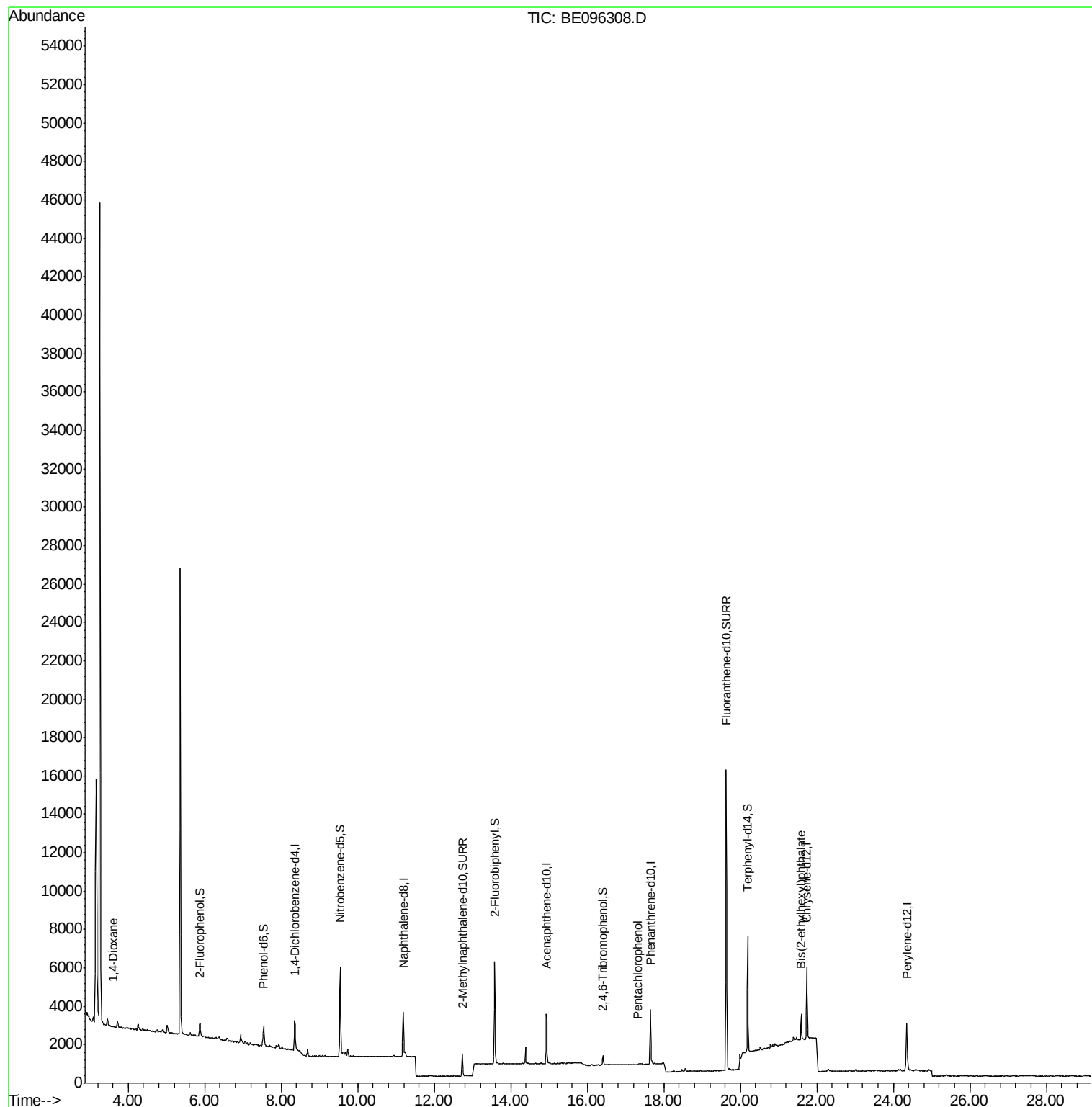
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	783	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2963	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1584	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	3894	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4090	0.40	ng	0.00
34) Perylene-d12	24.35	264	3872	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	396	0.16	ng	0.01
5) Phenol-d6	7.52	99	313	0.09	ng	0.01
8) Nitrobenzene-d5	9.54	82	1863	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1670	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	271	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	4867	0.72	ng	0.00
25) Fluoranthene-d10	19.63	212	20826	0.39	ng	0.00
29) Terphenyl-d14	20.19	244	5662	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.59	88	44	0.036	ng	Qvalue # 34
22) Pentachlorophenol	17.32	266	6	0.141	ng	94
32) Bis(2-ethylhexyl)phthalate	21.60	149	1780	0.053	ng	# 98

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

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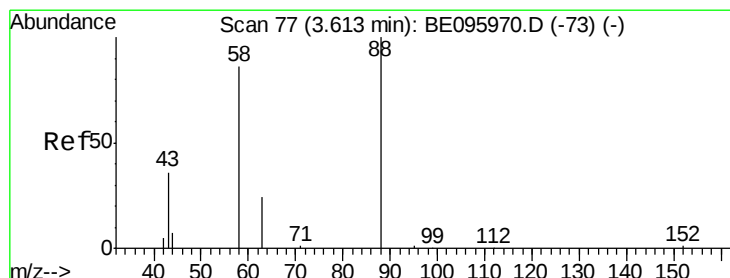
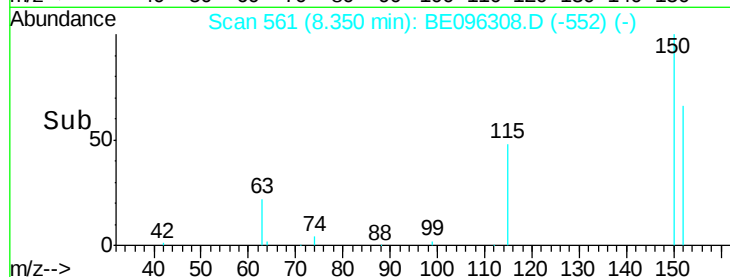
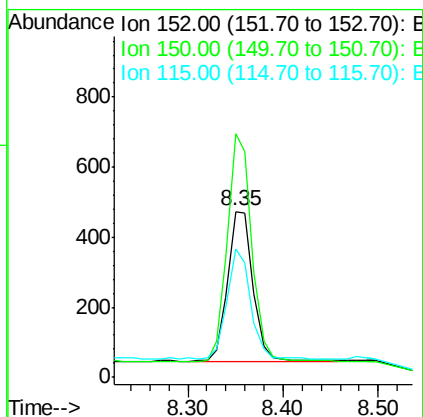
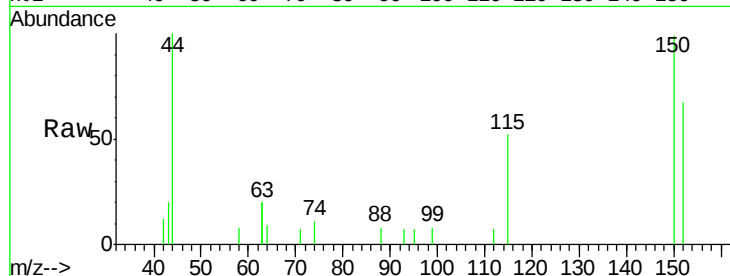


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. -0.01 min
Lab File: BE096308.D
Acq: 2 May 2018 23:50

Instrument :
BNA_E
ClientSampleId :

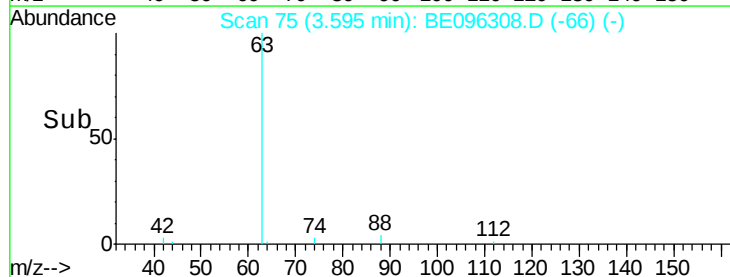
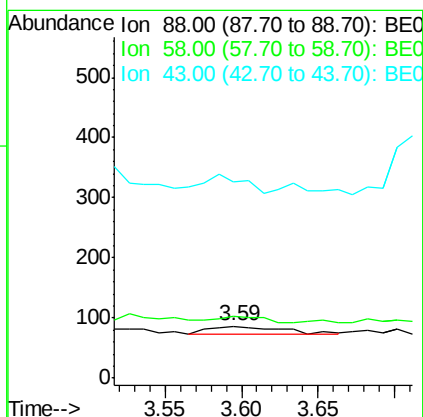
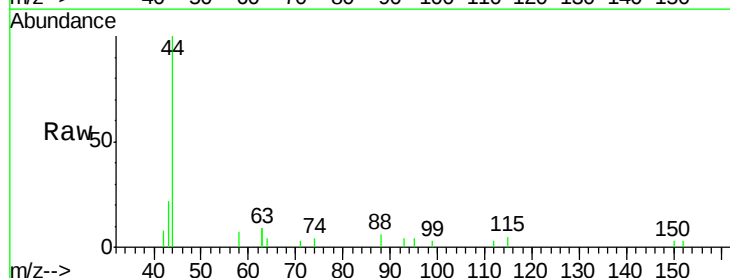
Tot Ion:152 Resp: 783
Ion Ratio Lower Upper
152 100
150 146.6 117.2 175.8
115 77.6 57.0 85.6

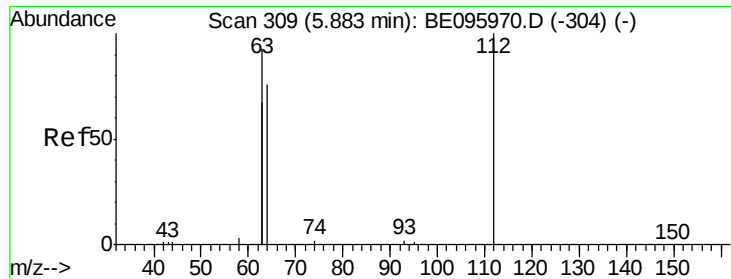


#2

1,4-Dioxane
Concen: 0.036 ng
RT: 3.59 min Scan# 75
Delta R.T. -0.01 min
Lab File: BE096308.D
Acq: 2 May 2018 23:50

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
58 52.3 63.2 94.8#
43 136.4 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.164 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096308.D

Acq: 2 May 2018 23:50

Instrument :

BNA_E

ClientSampleId :

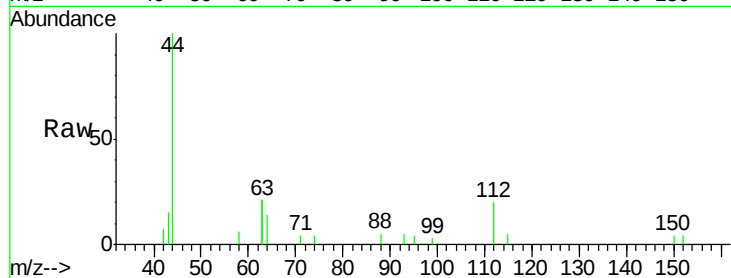
Tot Ion: 112 Resp: 396

Ion Ratio Lower Upper

112 100

64 71.0 60.1 90.1

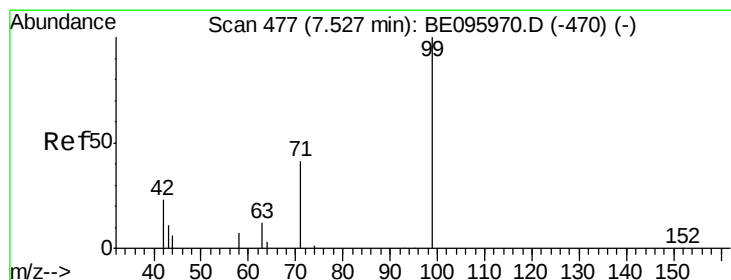
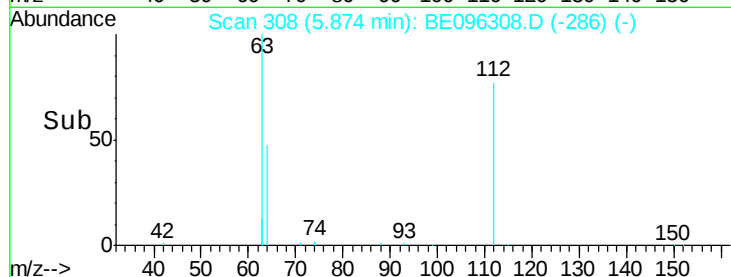
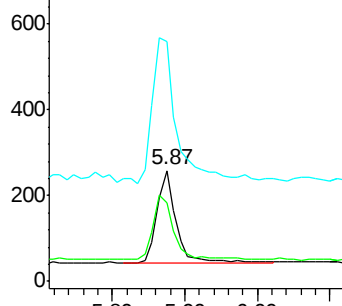
63 177.3 116.8 175.2#



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: 0.094 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096308.D

Acq: 2 May 2018 23:50

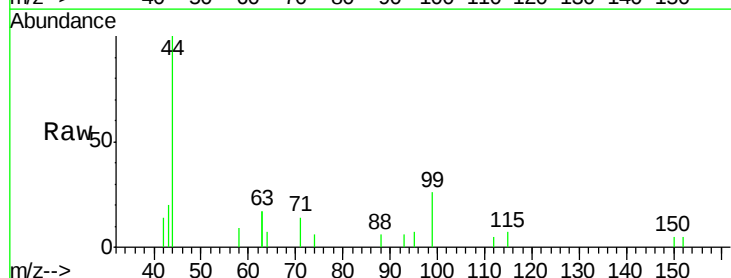
Tgt Ion: 99 Resp: 313

Ion Ratio Lower Upper

99 100

42 42.8 20.2 30.2#

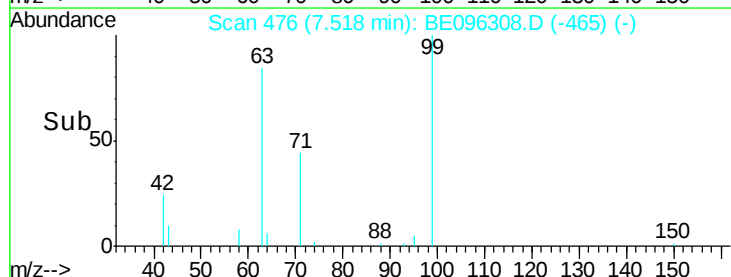
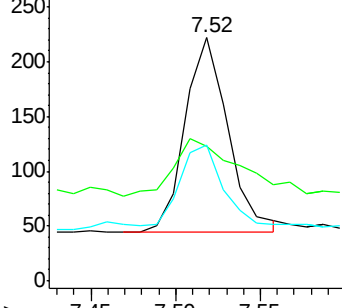
71 41.9 28.4 42.6

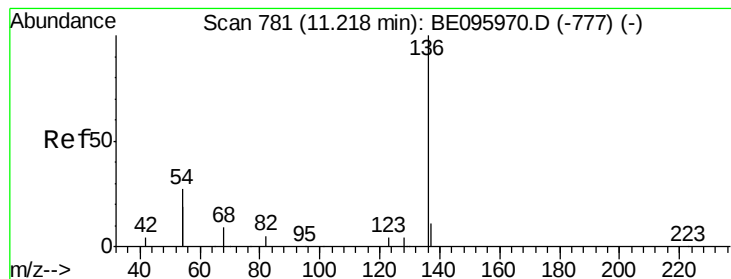


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096308.D

Acq: 2 May 2018 23:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2963

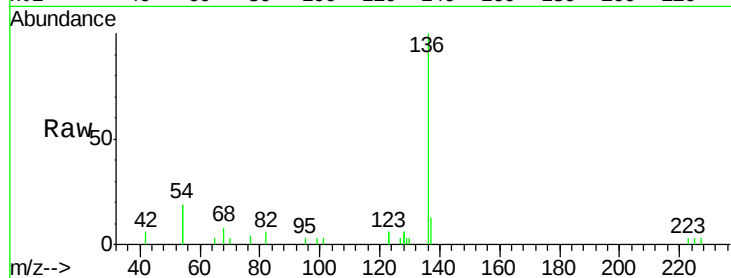
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 37.1 29.1 43.7

68 7.6 6.2 9.2

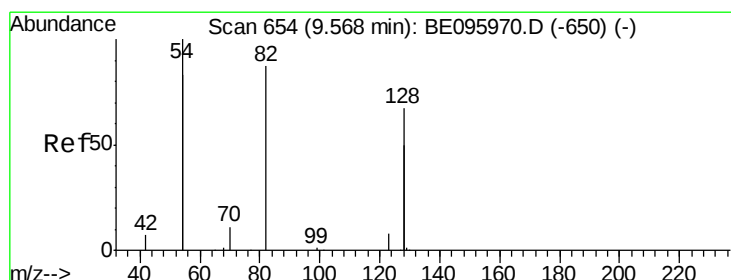
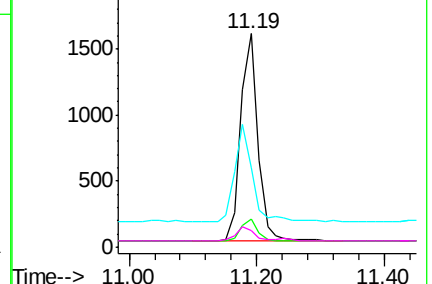
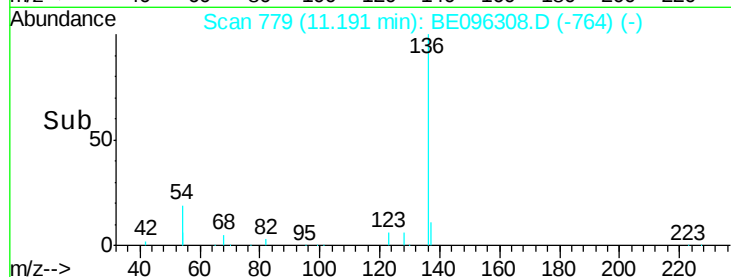


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.536 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096308.D

Acq: 2 May 2018 23:50

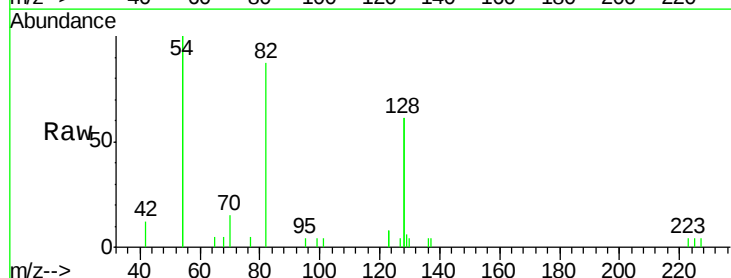
Tgt Ion: 82 Resp: 1863

Ion Ratio Lower Upper

82 100

128 139.6 150.0 225.0#

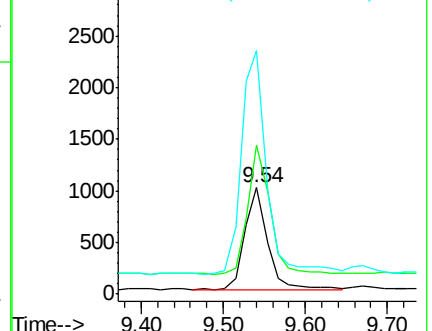
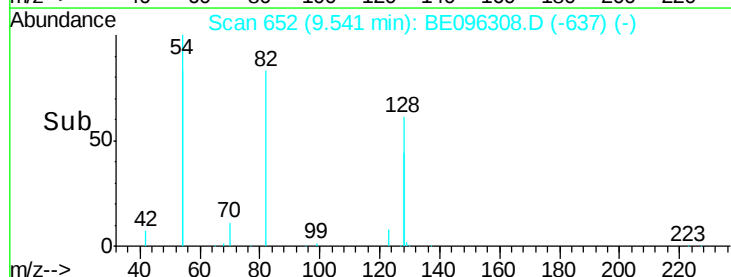
54 229.2 154.2 231.4

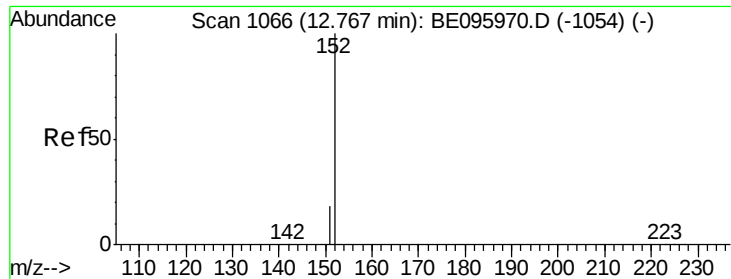


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

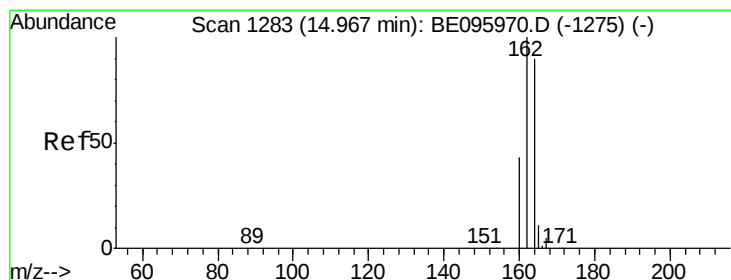
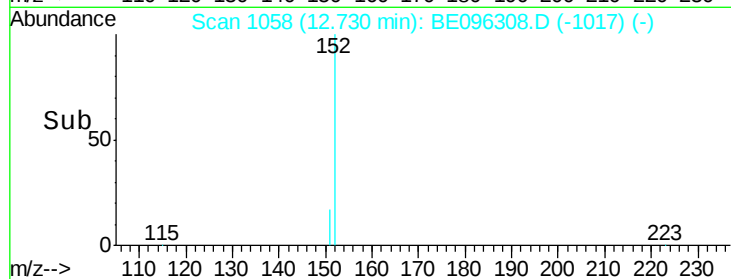
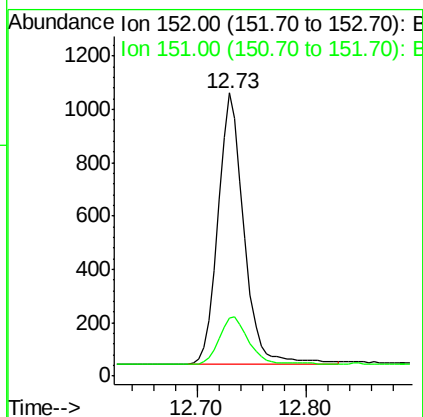
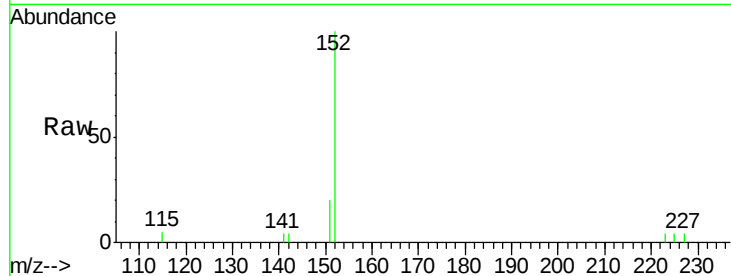




#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE096308.D
Acq: 2 May 2018 23:50

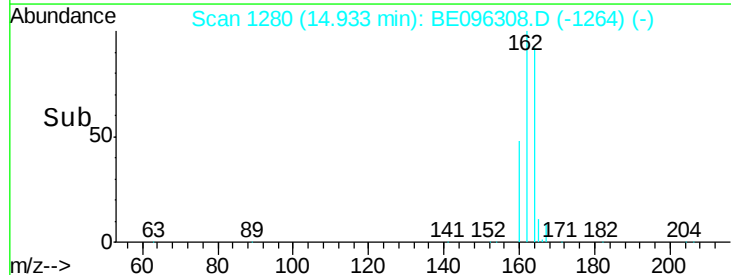
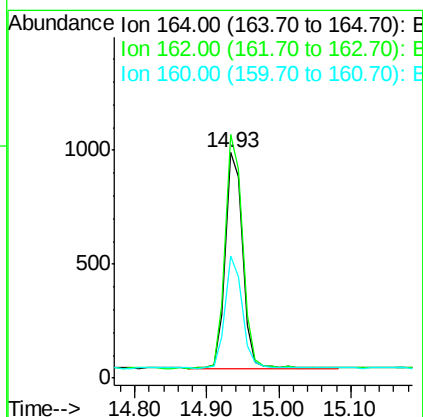
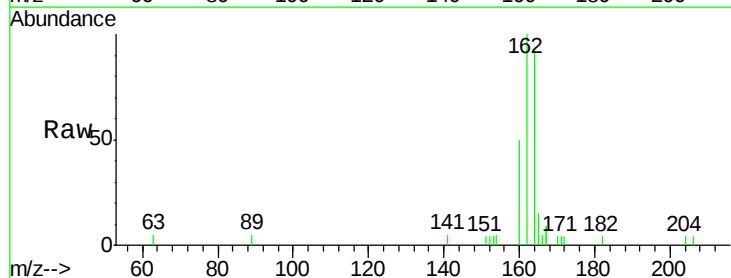
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1670
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.93 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BE096308.D
Acq: 2 May 2018 23:50

Tgt Ion:164 Resp: 1584
Ion Ratio Lower Upper
164 100
162 108.1 83.1 124.7
160 54.4 37.1 55.7

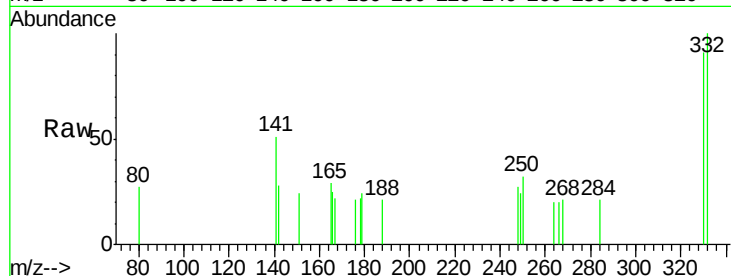




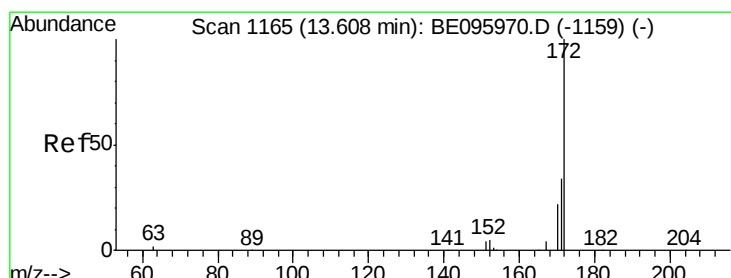
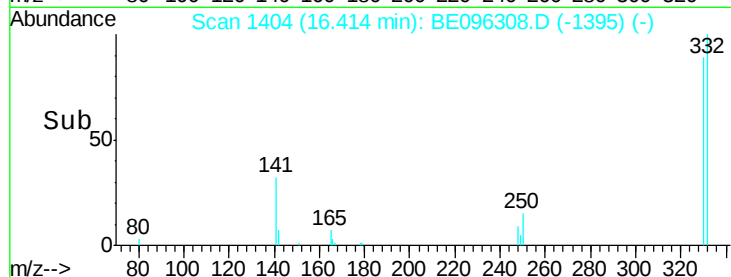
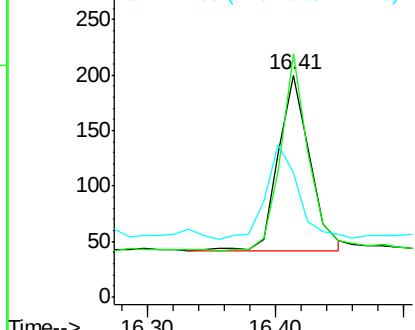
#14
 2,4,6-Tribromophenol
 Concen: 0.354 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096308.D
 Acq: 2 May 2018 23:50

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 271
 Ion Ratio Lower Upper
 330 100
 332 98.9 152.7 229.1#
 141 55.4 33.7 50.5#

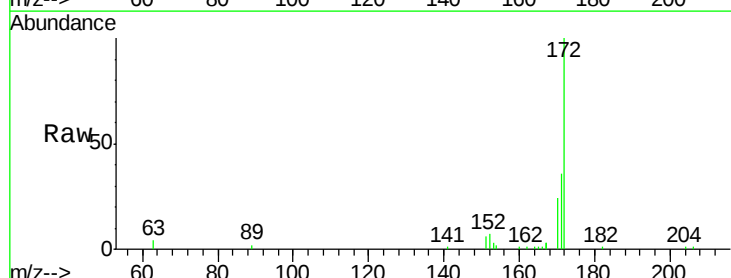


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

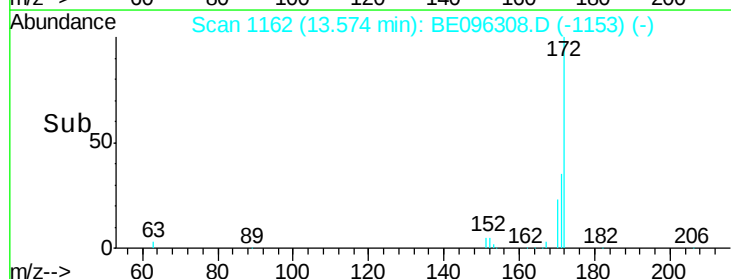
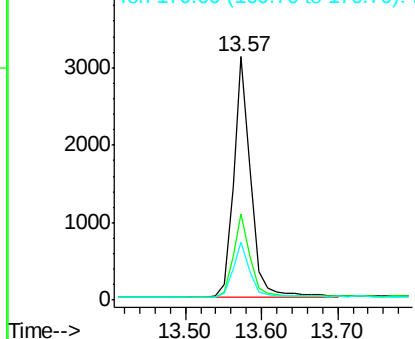


#15
 2-Fluorobiphenyl
 Concen: 0.718 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BE096308.D
 Acq: 2 May 2018 23:50

Tgt Ion:172 Resp: 4867
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.9 44.9
 170 23.7 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096308.D

Acq: 2 May 2018 23:50

Instrument :

BNA_E

ClientSampleId :

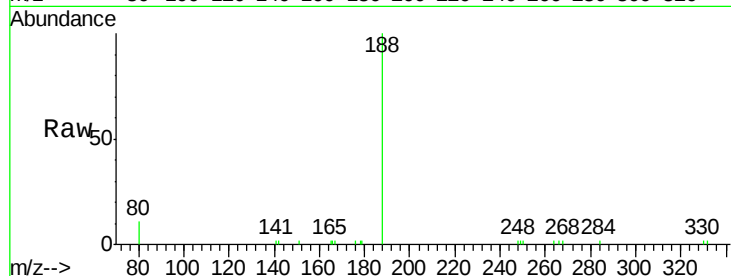
Tot Ion:188 Resp: 3894

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

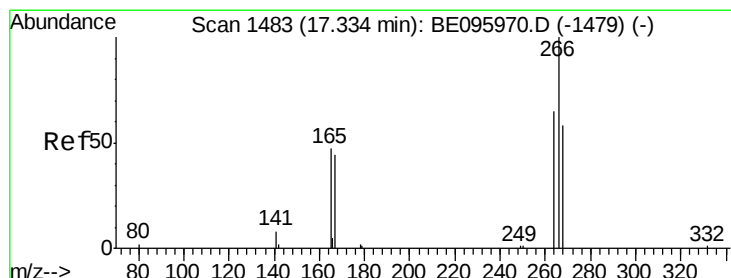
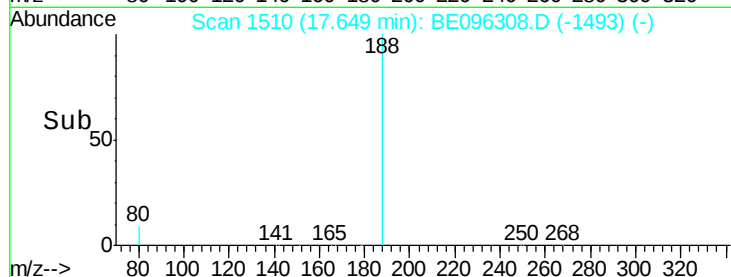
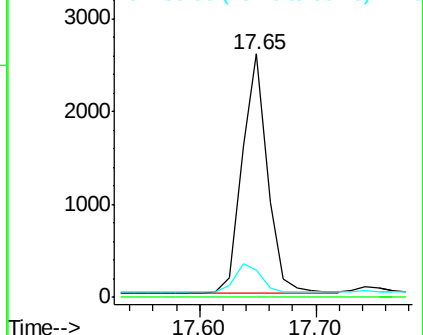
80 11.3 3.6 5.4#



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: 0.141 ng

RT: 17.32 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BE096308.D

Acq: 2 May 2018 23:50

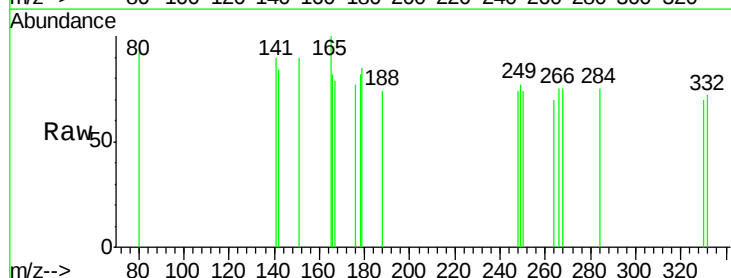
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.5 72.5 108.7

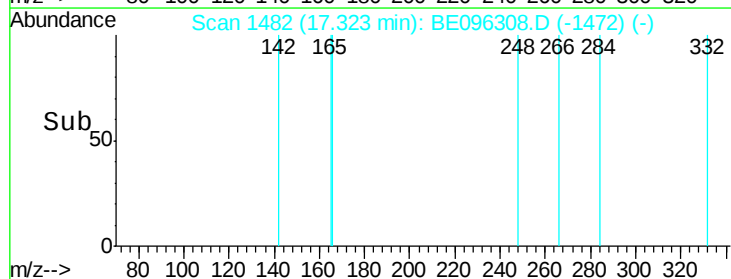
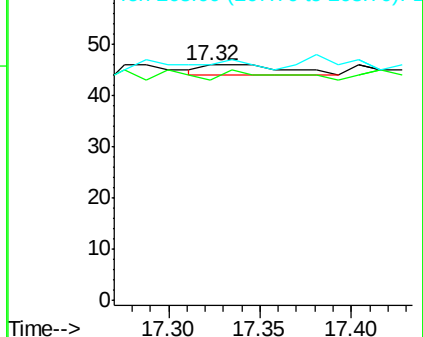
268 100.0 73.8 110.6

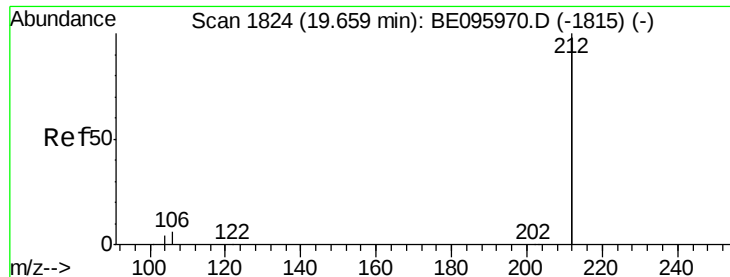


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

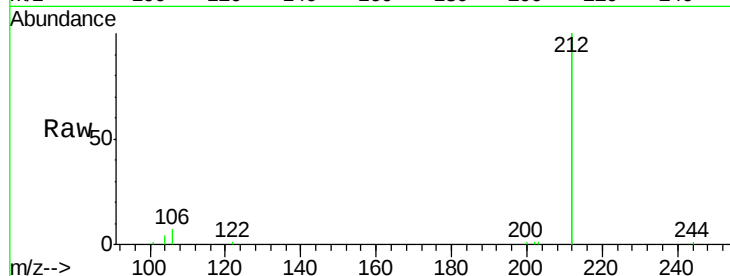




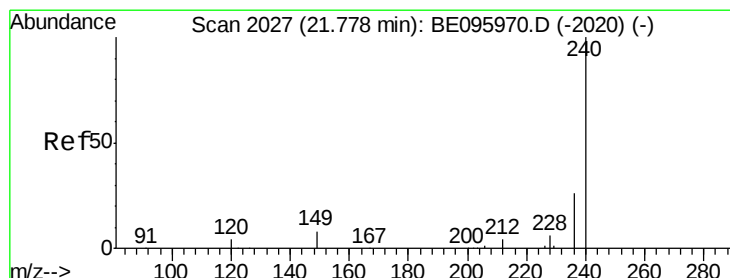
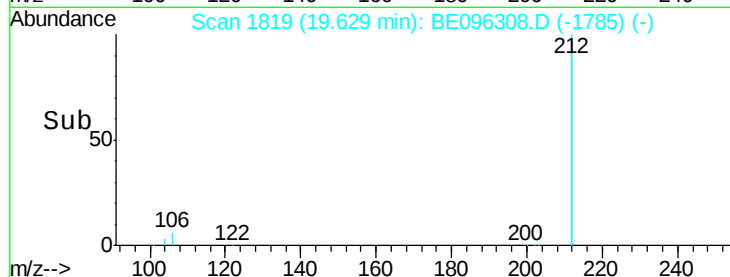
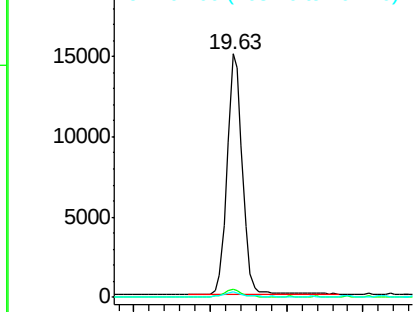
#25
 Fluoranthene-d10
 Concen: 0.394 ng
 RT: 19.63 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BE096308.D
 Acq: 2 May 2018 23:50

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 20826
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.7 1.6 2.4

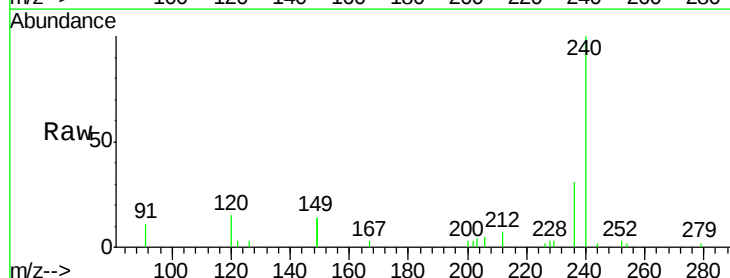


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

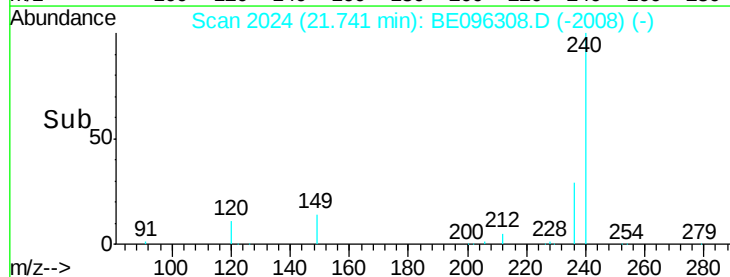
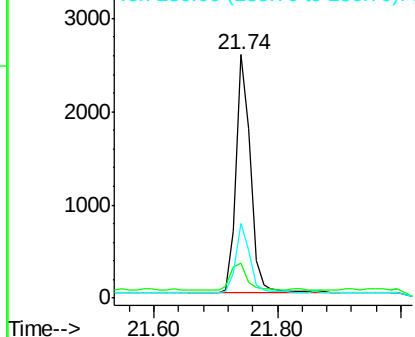


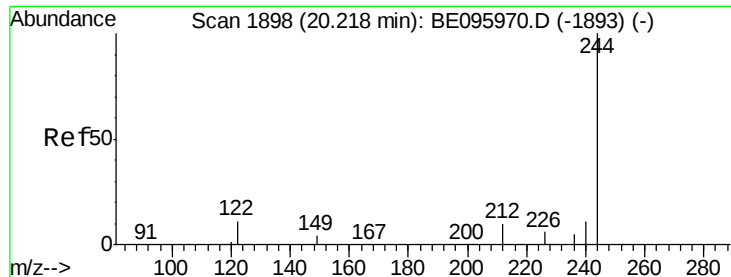
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.74 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BE096308.D
 Acq: 2 May 2018 23:50

Tgt Ion:240 Resp: 4090
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.5 8.3#
 236 30.7 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: 0.627 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096308.D

Acq: 2 May 2018 23:50

Instrument :

BNA_E

ClientSampleId :

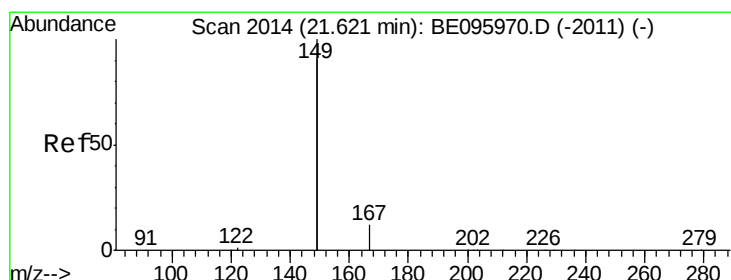
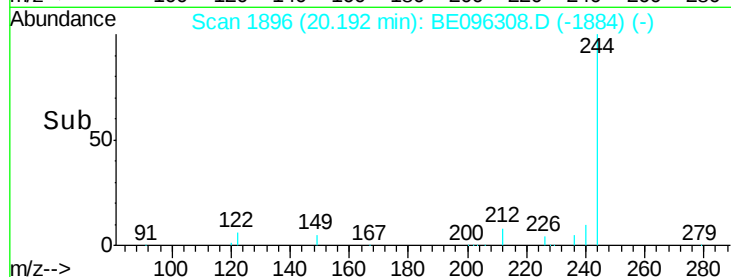
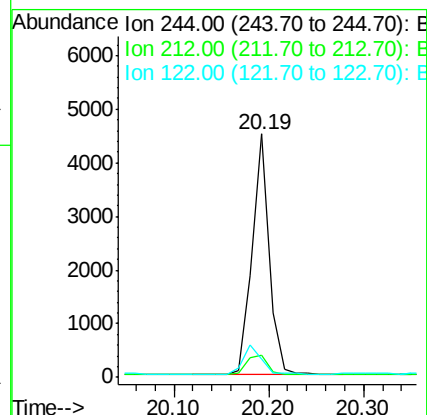
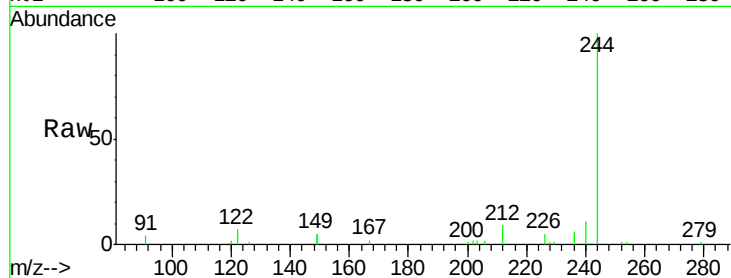
Tot Ion:244 Resp: 5662

Ion Ratio Lower Upper

244 100

212 9.1 25.4 38.0#

122 7.4 8.1 12.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.053 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096308.D

Acq: 2 May 2018 23:50

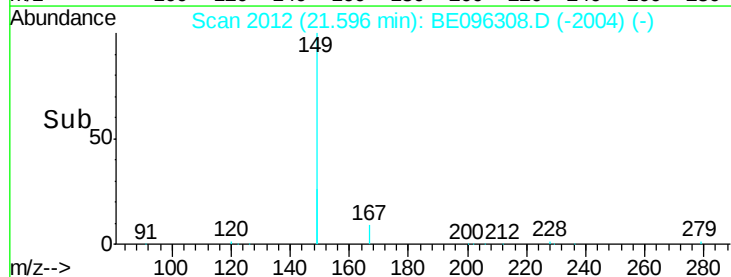
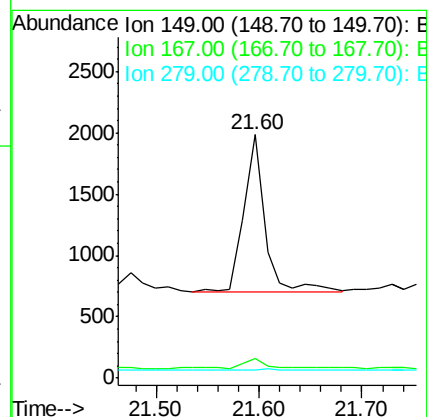
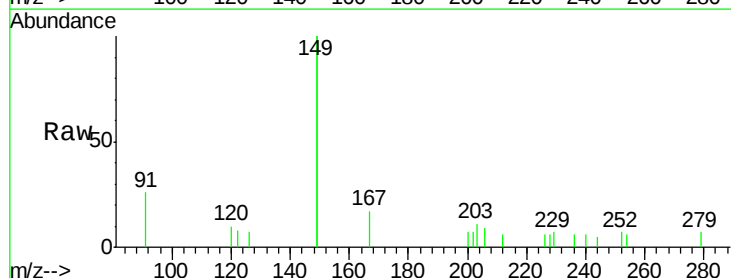
Tgt Ion:149 Resp: 1780

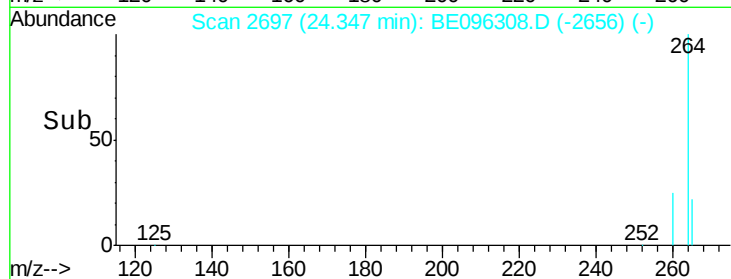
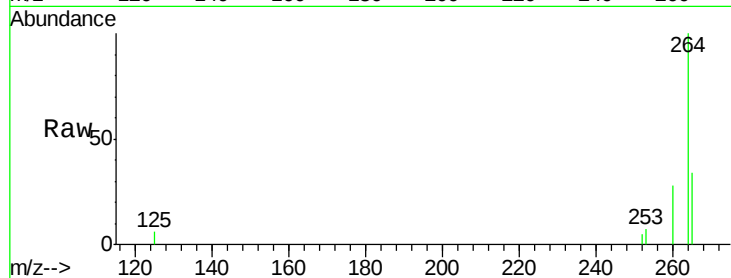
Ion Ratio Lower Upper

149 100

167 5.9 5.4 8.0

279 2.1 0.7 1.1#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE096308.D

Acq: 2 May 2018 23:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 3872

Ion Ratio Lower Upper

264 100

260 27.7 20.5 30.7

265 34.0 22.8 34.2

