

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096262.D
 Acq On : 1 May 2018 18:04
 Operator : SJ/JU
 Sample : J2600-10MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 01:55:41 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

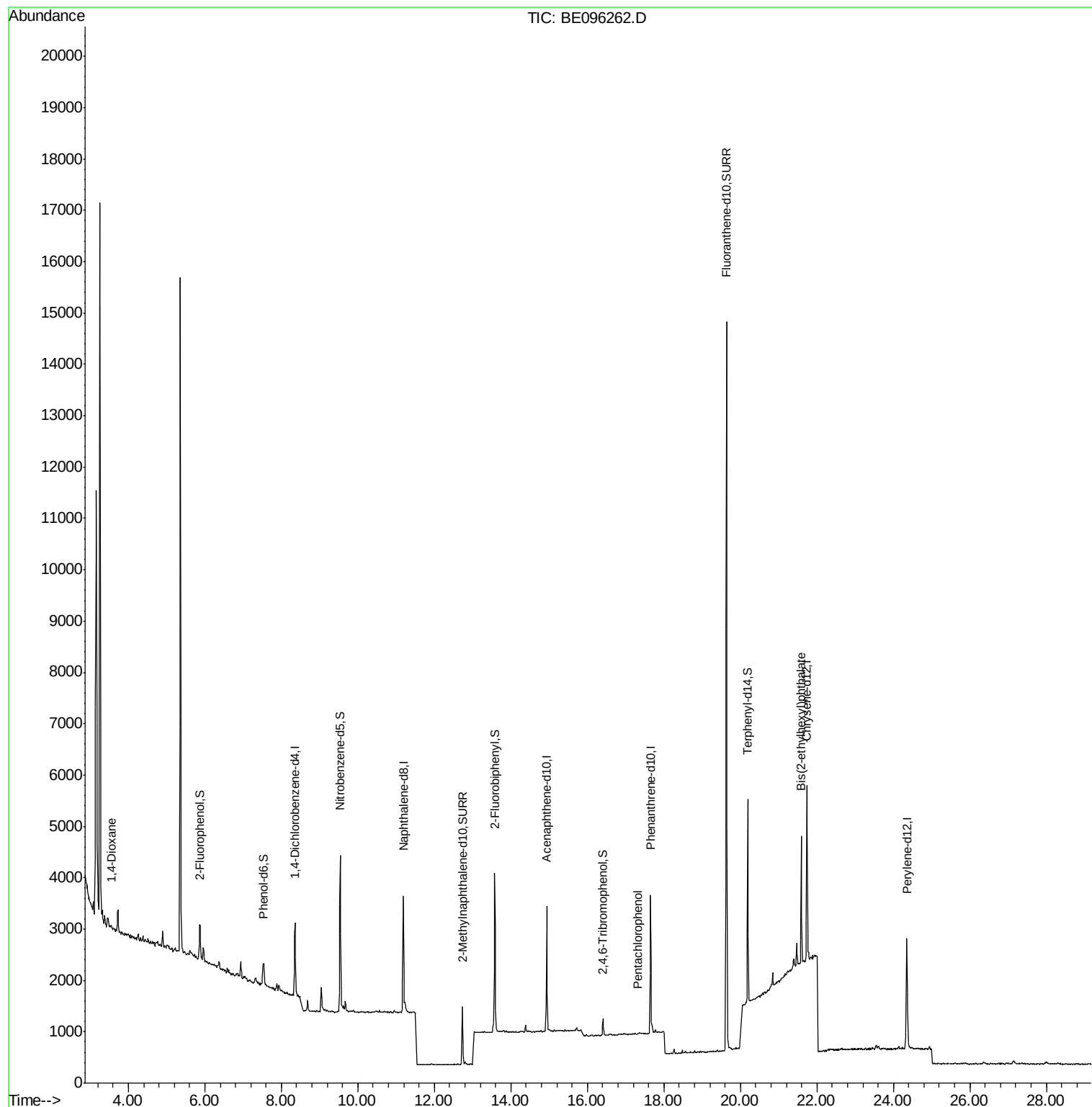
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	725	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2698	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1487	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3542	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3753	0.40	ng	0.00
34) Perylene-d12	24.36	264	3491	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	389	0.17	ng	0.00
5) Phenol-d6	7.52	99	344	0.11	ng	0.00
8) Nitrobenzene-d5	9.54	82	1240	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1616	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	172	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2858	0.45	ng	0.00
25) Fluoranthene-d10	19.64	212	18692	0.39	ng	0.00
29) Terphenyl-d14	20.19	244	3435	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.56	88	27	0.024	ng	Qvalue # 1
22) Pentachlorophenol	17.31	266	3	0.139	ng	93
32) Bis(2-ethylhexyl)phthalate	21.60	149	2792	0.090	ng	100

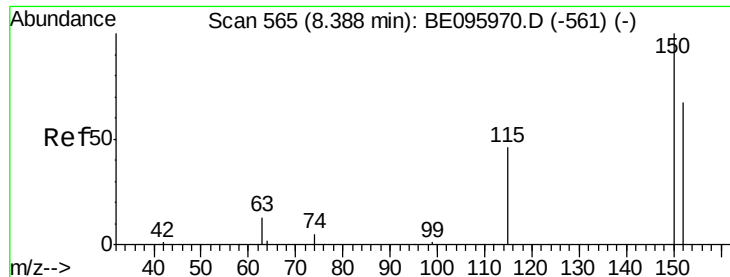
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
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ALS Vial : 14 Sample Multiplier: 1

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BNA_E
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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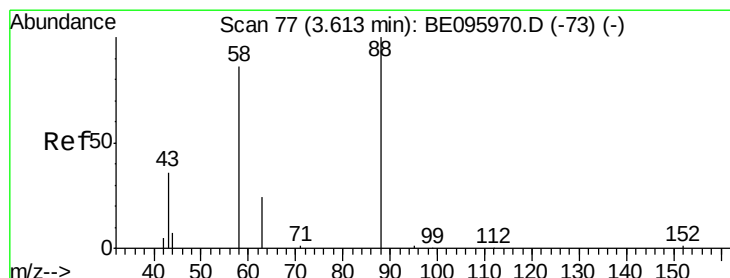
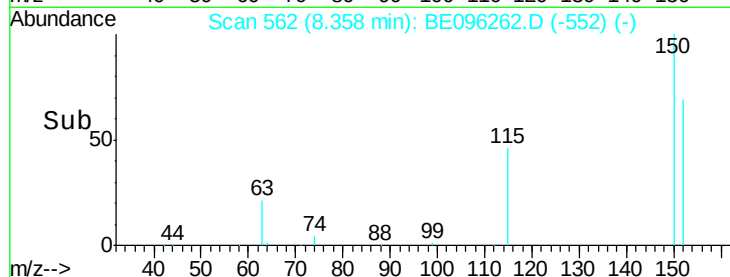
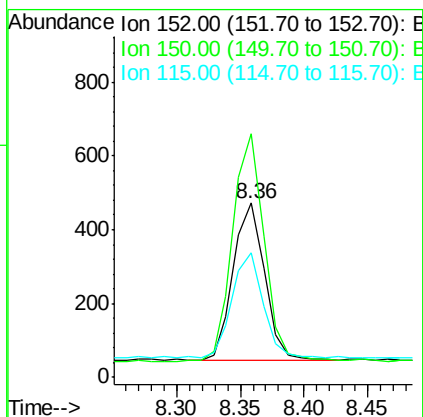
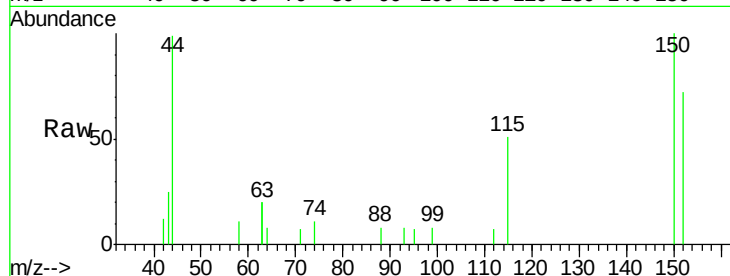


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096262.D
Acq: 1 May 2018 18:04

Instrument :
BNA_E
ClientSampleId :

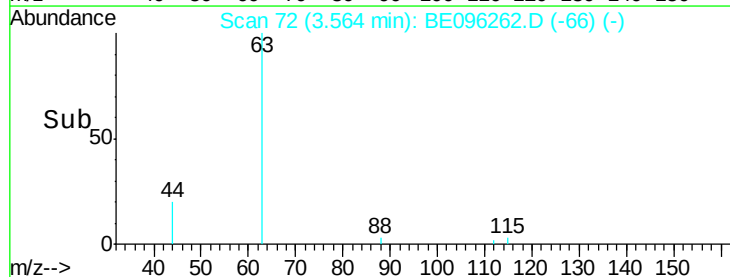
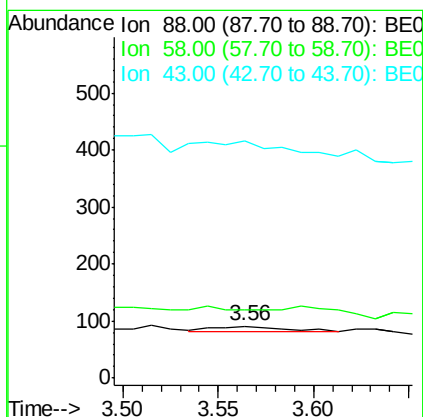
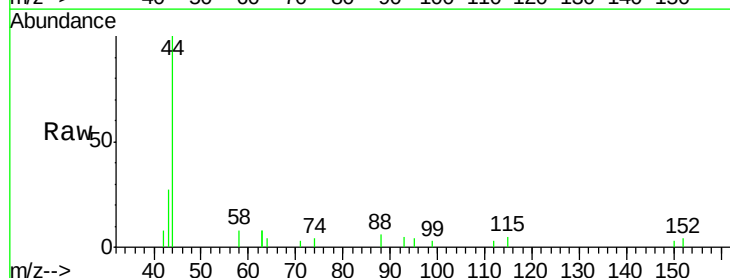
Tot Ion:152 Resp: 725
Ion Ratio Lower Upper
152 100
150 139.8 117.2 175.8
115 71.2 57.0 85.6

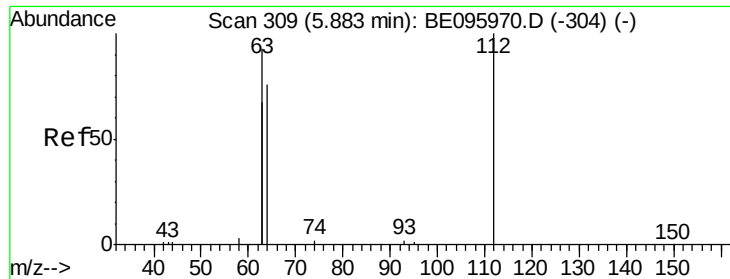


#2

1,4-Dioxane
Concen: 0.024 ng
RT: 3.56 min Scan# 72
Delta R.T. -0.04 min
Lab File: BE096262.D
Acq: 1 May 2018 18:04

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
58 0.0 63.2 94.8#
43 507.4 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.173 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096262.D

Acq: 1 May 2018 18:04

Instrument :

BNA_E

ClientSampleId :

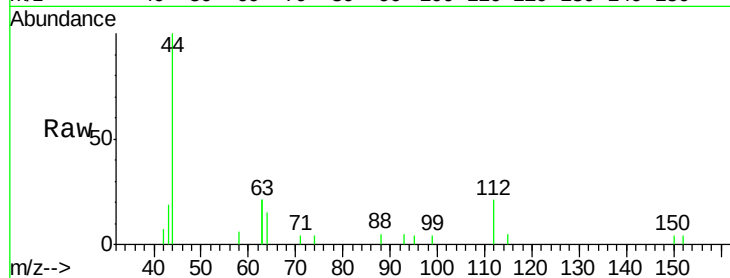
Tot Ion: 112 Resp: 389

Ion Ratio Lower Upper

112 100

64 73.5 60.1 90.1

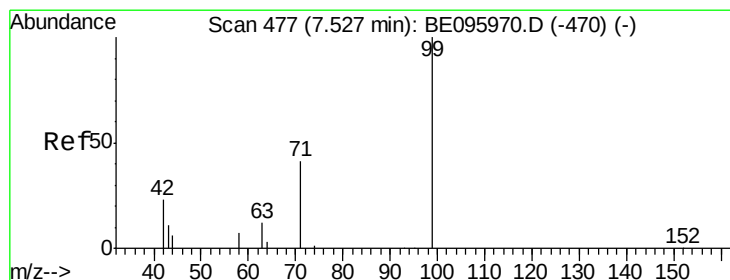
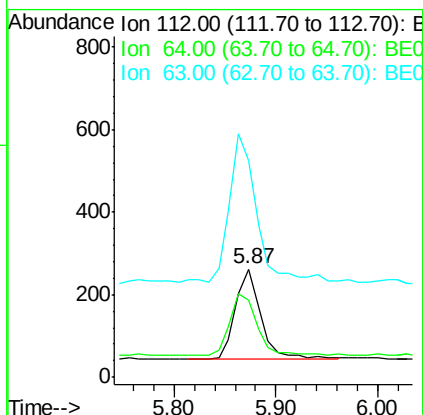
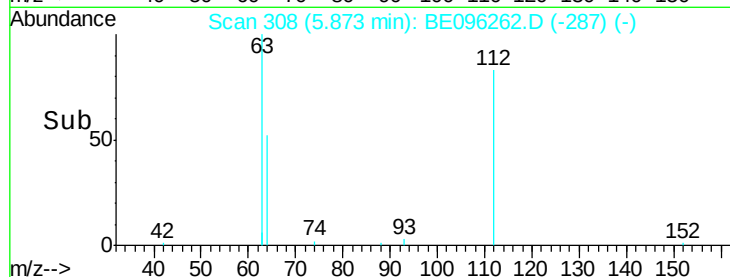
63 172.2 116.8 175.2



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: 0.111 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096262.D

Acq: 1 May 2018 18:04

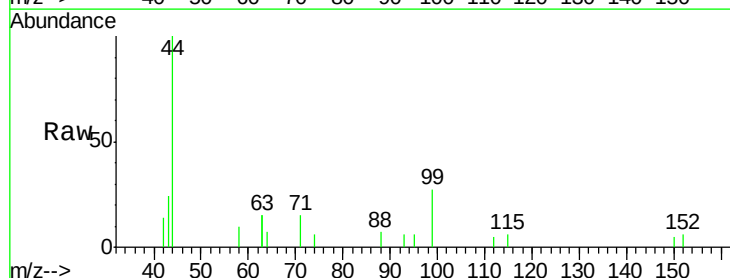
Tgt Ion: 99 Resp: 344

Ion Ratio Lower Upper

99 100

42 30.5 20.2 30.2#

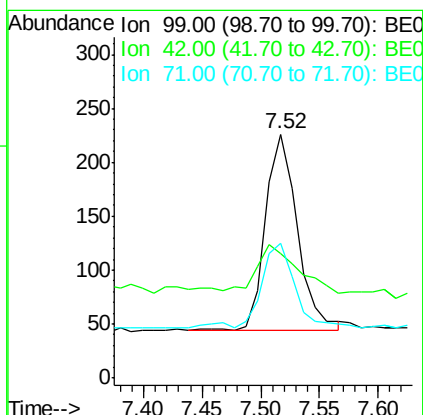
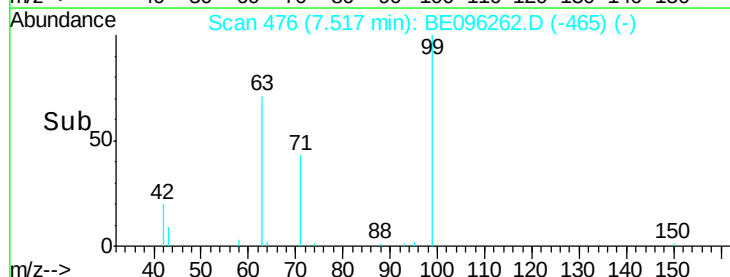
71 43.9 28.4 42.6#

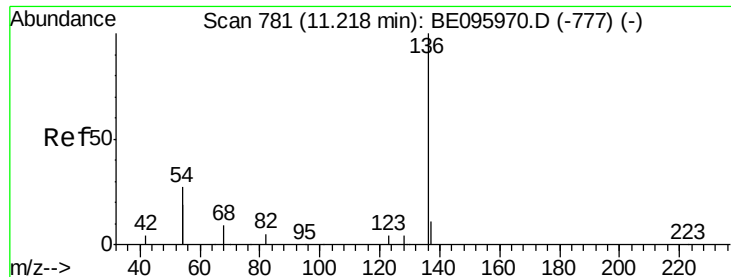


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096262.D

Acq: 1 May 2018 18:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2698

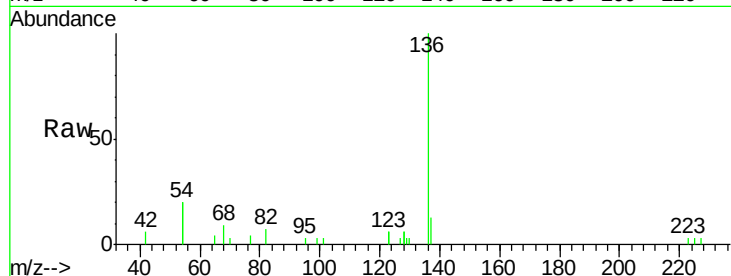
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 39.5 29.1 43.7

68 8.7 6.2 9.2

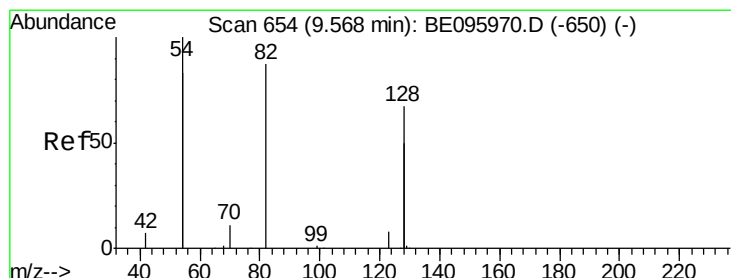
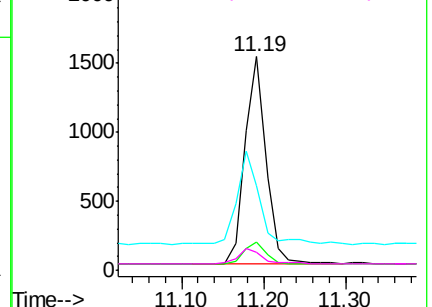
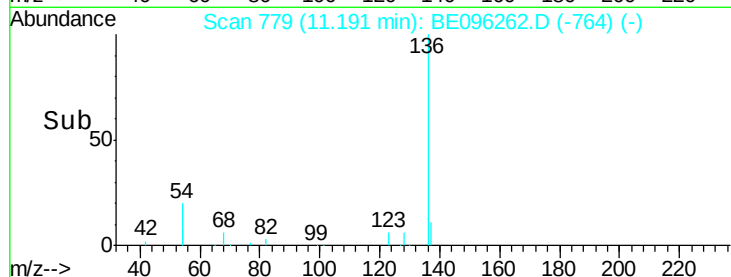


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.392 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096262.D

Acq: 1 May 2018 18:04

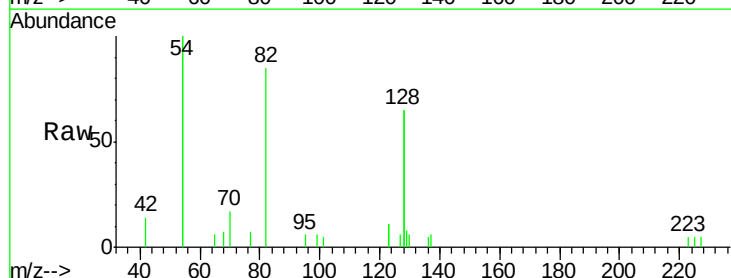
Tgt Ion: 82 Resp: 1240

Ion Ratio Lower Upper

82 100

128 153.8 150.0 225.0

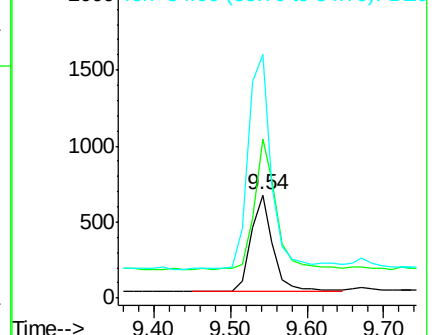
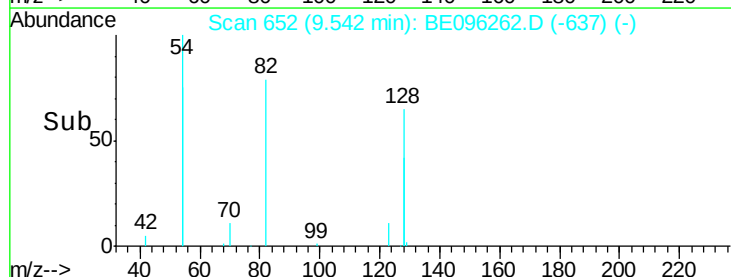
54 235.6 154.2 231.4#

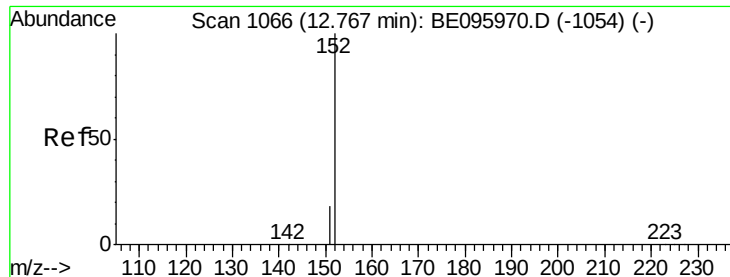


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

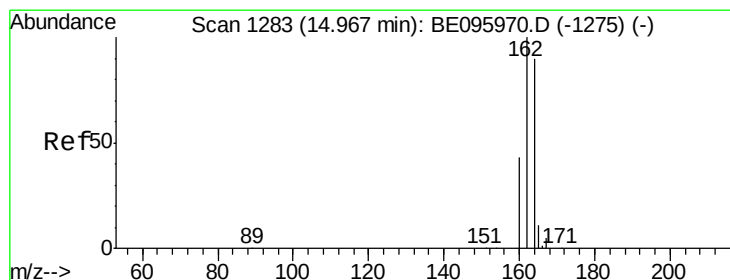
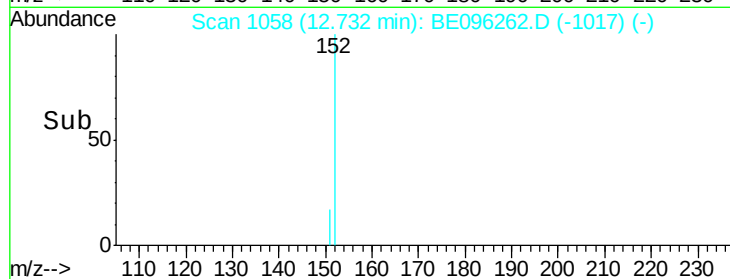
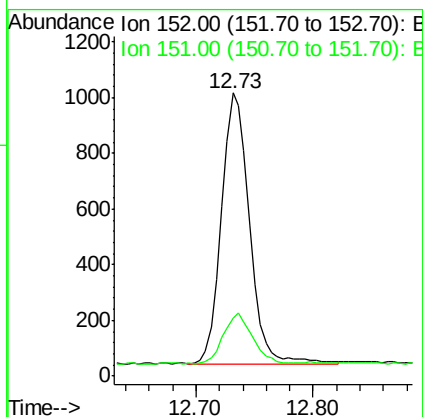
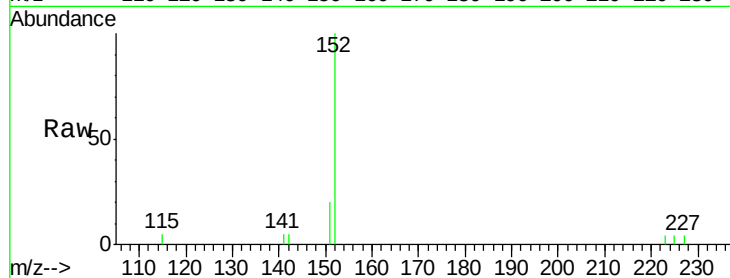




#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE096262.D
Acq: 1 May 2018 18:04

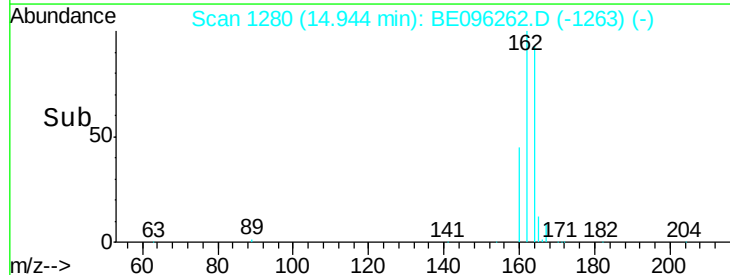
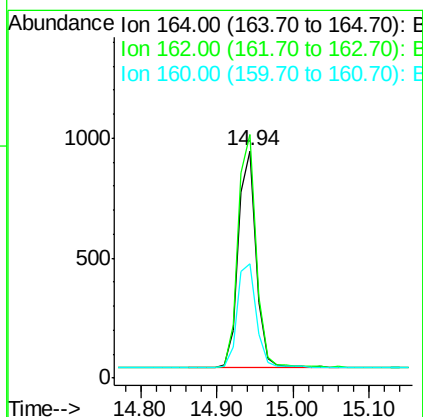
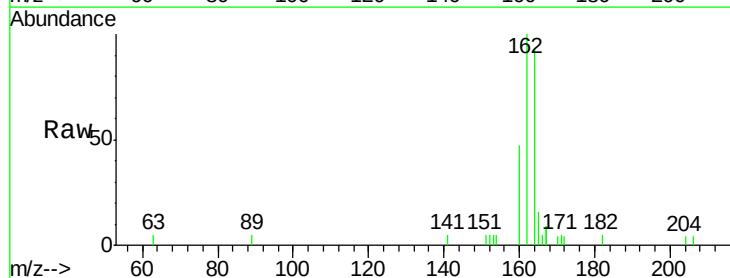
Instrument :
BNA_E
ClientSampled :

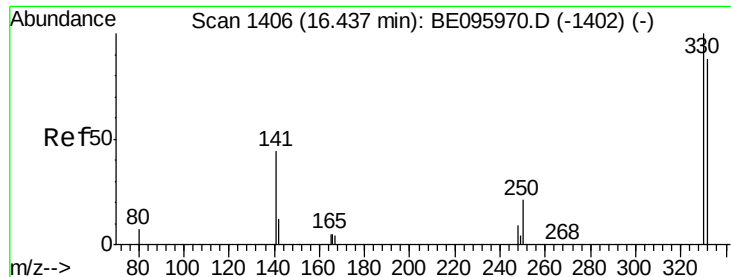
Tot Ion:152 Resp: 1616
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BE096262.D
Acq: 1 May 2018 18:04

Tgt Ion:164 Resp: 1487
Ion Ratio Lower Upper
164 100
162 107.1 83.1 124.7
160 50.3 37.1 55.7

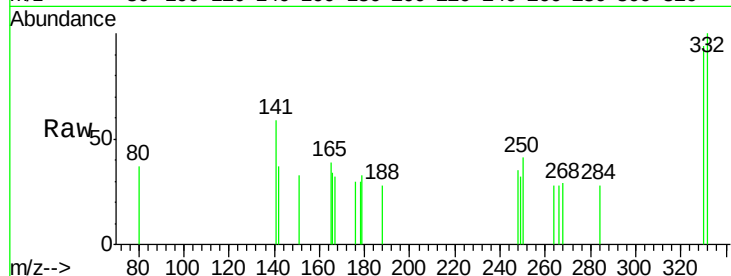




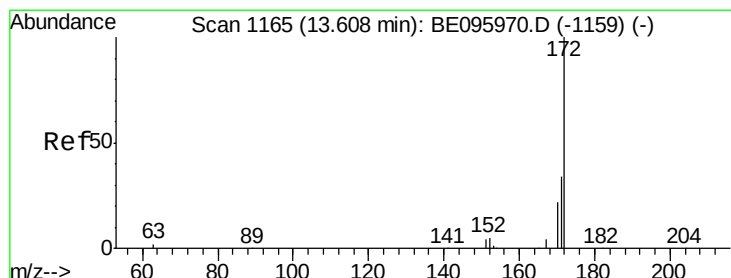
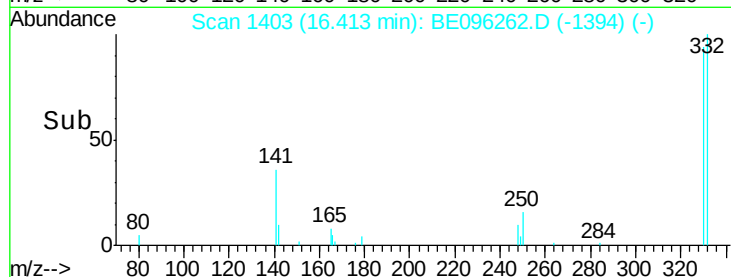
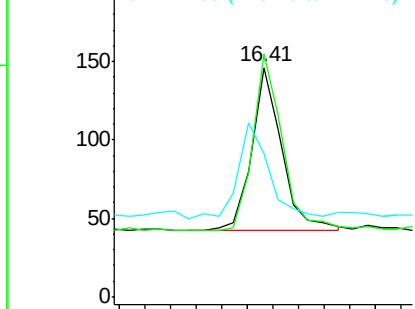
#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 16.41 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BE096262.D
Acq: 1 May 2018 18:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:330 Resp: 172
Ion Ratio Lower Upper
330 100
332 105.8 152.7 229.1#
141 58.7 33.7 50.5#

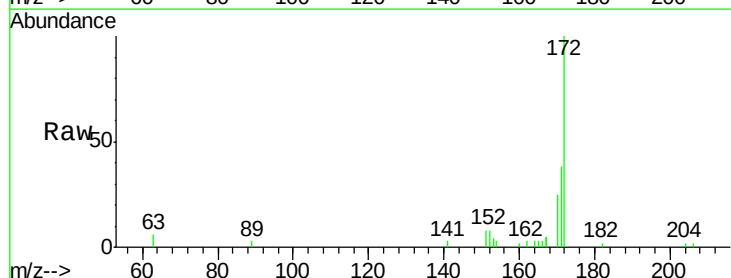


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

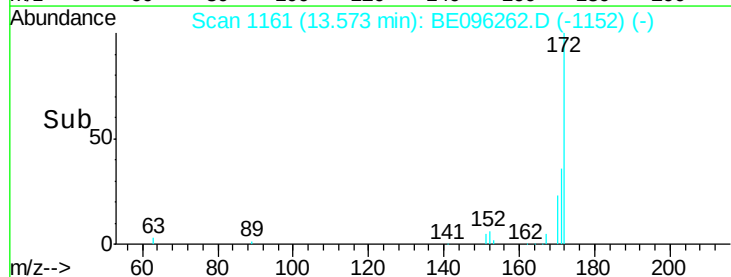
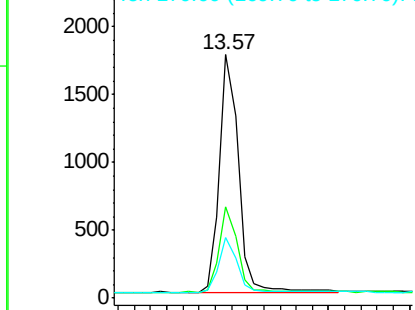


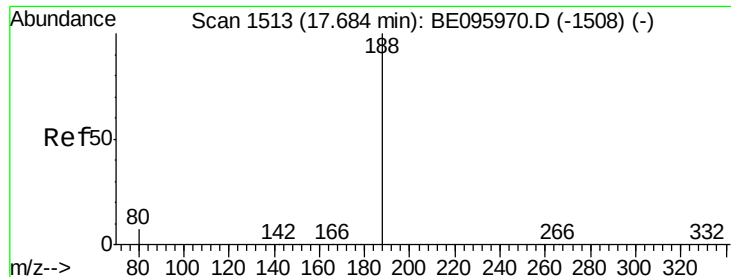
#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 13.57 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096262.D
Acq: 1 May 2018 18:04

Tgt Ion:172 Resp: 2858
Ion Ratio Lower Upper
172 100
171 37.7 29.9 44.9
170 25.1 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# 1509

Delta R.T. -0.00 min

Lab File: BE096262.D

Acq: 1 May 2018 18:04

Instrument :

BNA_E

ClientSampleId :

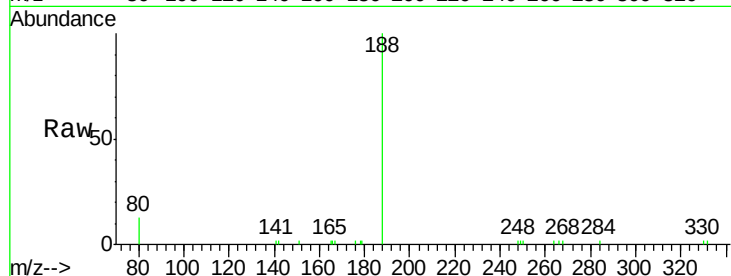
Tot Ion:188 Resp: 3542

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

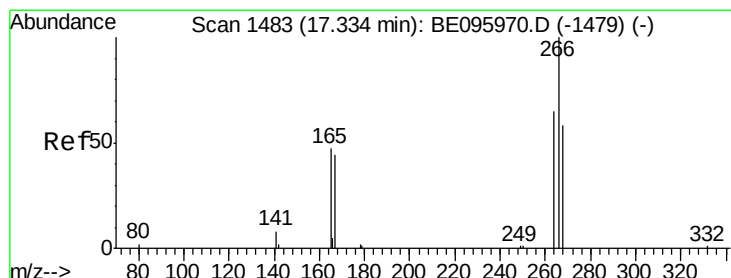
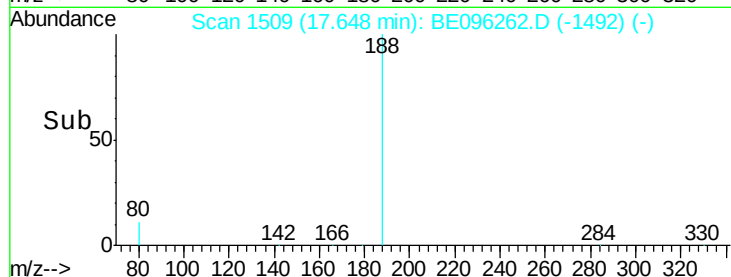
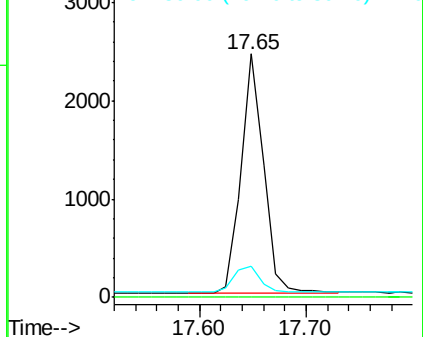
80 12.8 3.6 5.4#



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: 0.139 ng

RT: 17.31 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE096262.D

Acq: 1 May 2018 18:04

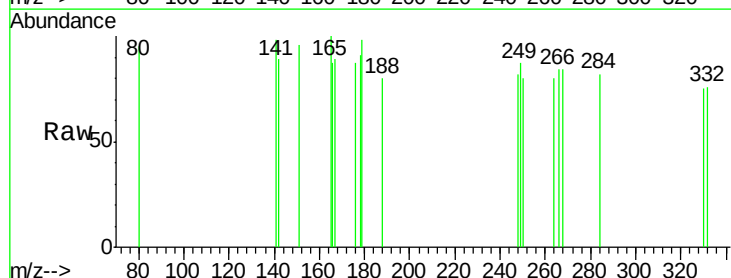
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

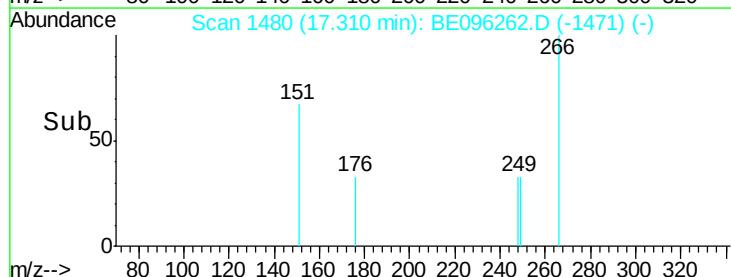
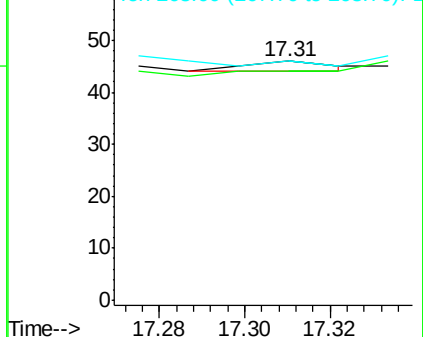
268 100.0 73.8 110.6

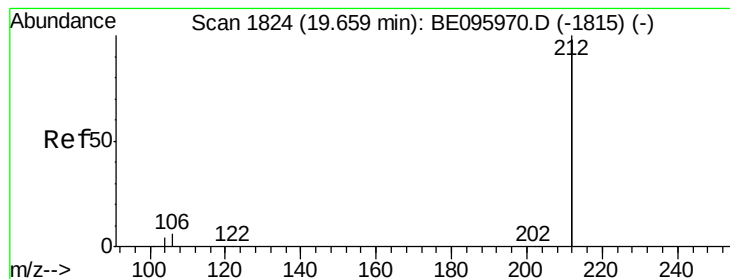


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.64 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BE096262.D

Acq: 1 May 2018 18:04

Instrument :

BNA_E

ClientSampleId :

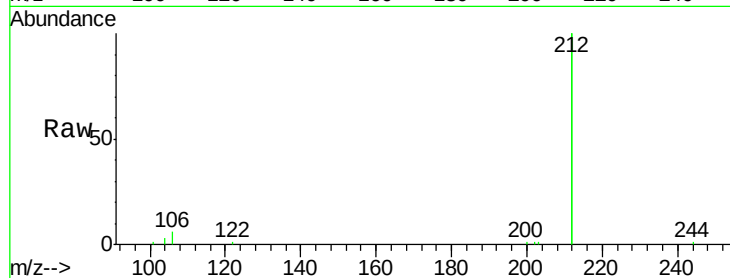
Tot Ion:212 Resp: 18692

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

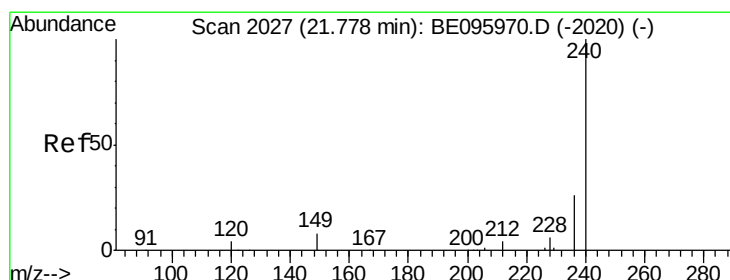
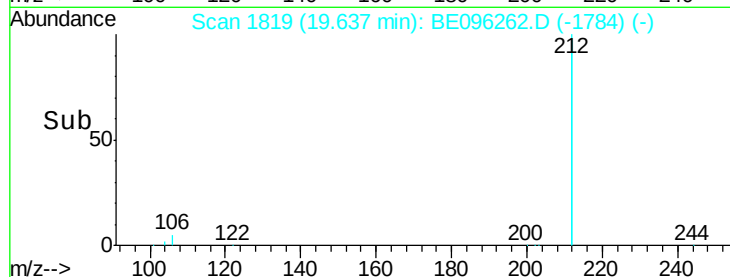
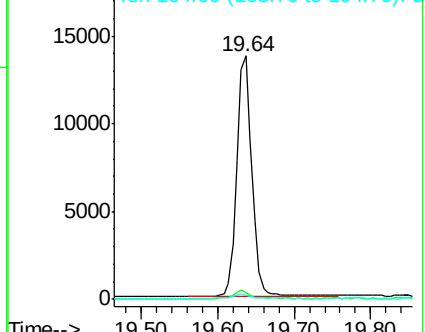
104 1.7 1.6 2.4



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# 2023

Delta R.T. -0.00 min

Lab File: BE096262.D

Acq: 1 May 2018 18:04

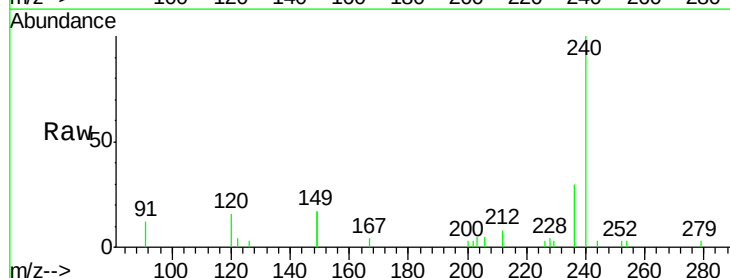
Tgt Ion:240 Resp: 3753

Ion Ratio Lower Upper

240 100

120 16.1 5.5 8.3#

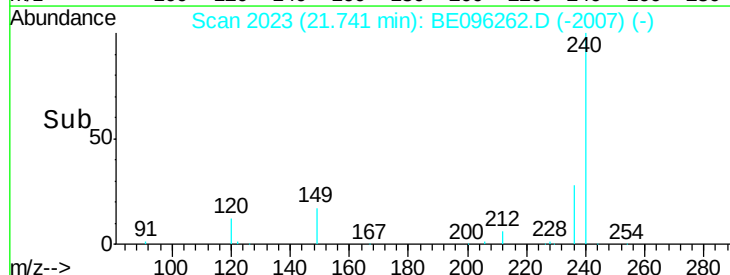
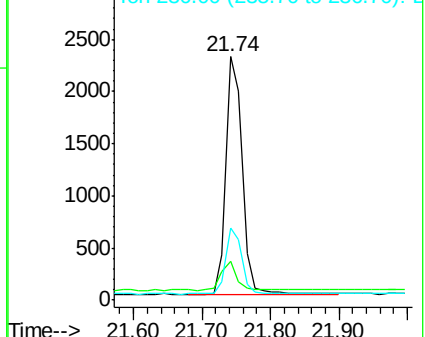
236 29.8 20.7 31.1

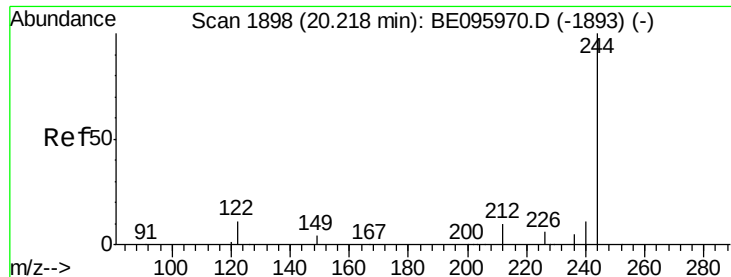


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.414 ng

RT: 20.19 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096262.D

Acq: 1 May 2018 18:04

Instrument :

BNA_E

ClientSampleId :

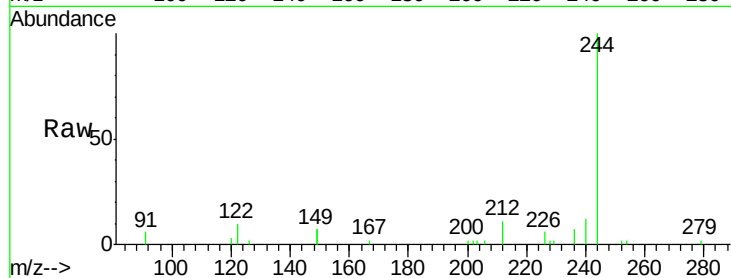
Tot Ion:244 Resp: 3435

Ion Ratio Lower Upper

244 100

212 10.6 25.4 38.0#

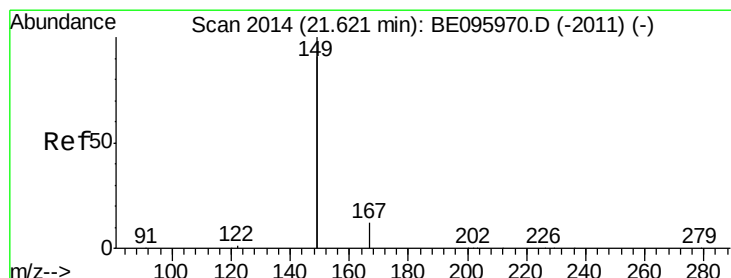
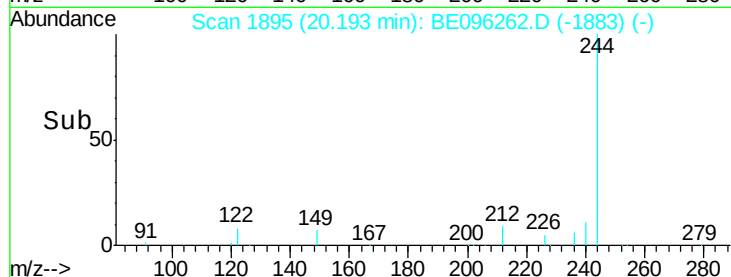
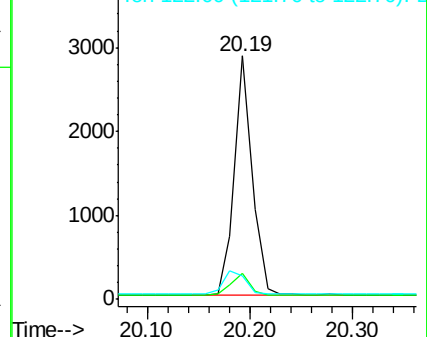
122 9.6 8.1 12.1



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: 0.090 ng

RT: 21.60 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE096262.D

Acq: 1 May 2018 18:04

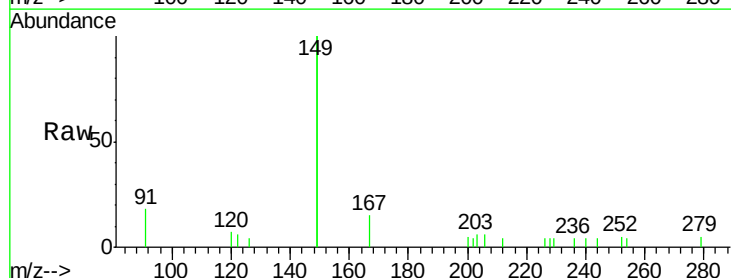
Tgt Ion:149 Resp: 2792

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

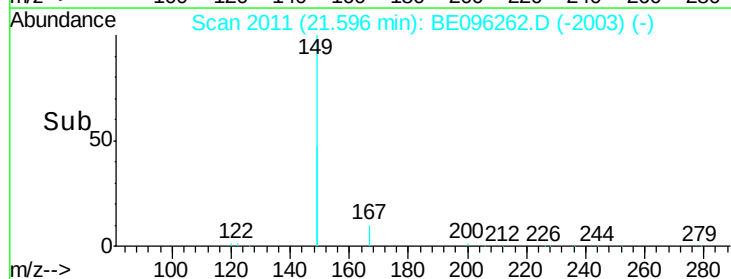
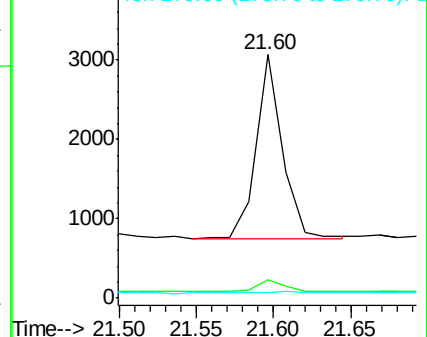
279 0.9 0.7 1.1

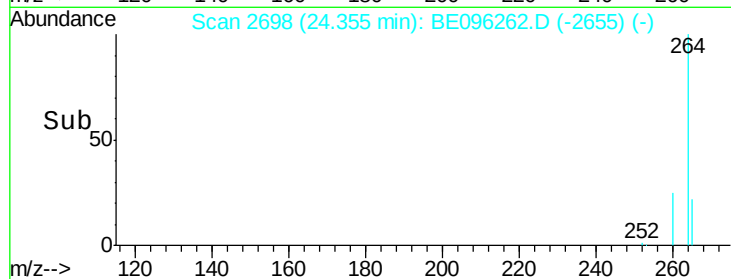
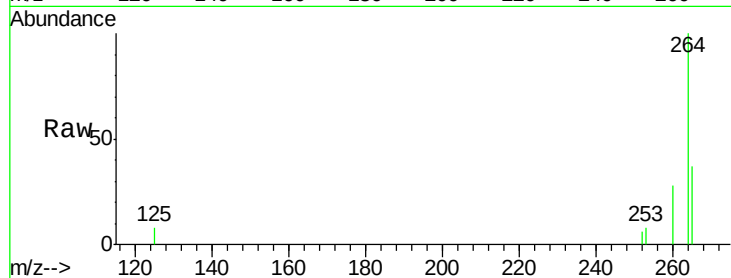
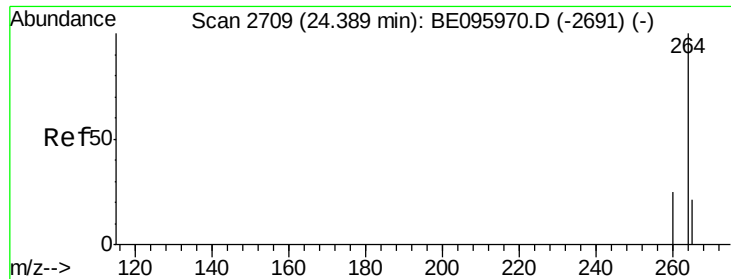


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.36 min Scan# 2698
 Delta R.T. 0.00 min
 Lab File: BE096262.D
 Acq: 1 May 2018 18:04

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 3491
 Ion Ratio Lower Upper
 264 100
 260 27.7 20.5 30.7
 265 37.2 22.8 34.2#

