

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096282.D
 Acq On : 2 May 2018 6:12
 Operator : SJ/JU
 Sample : J2641-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 11:18:48 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

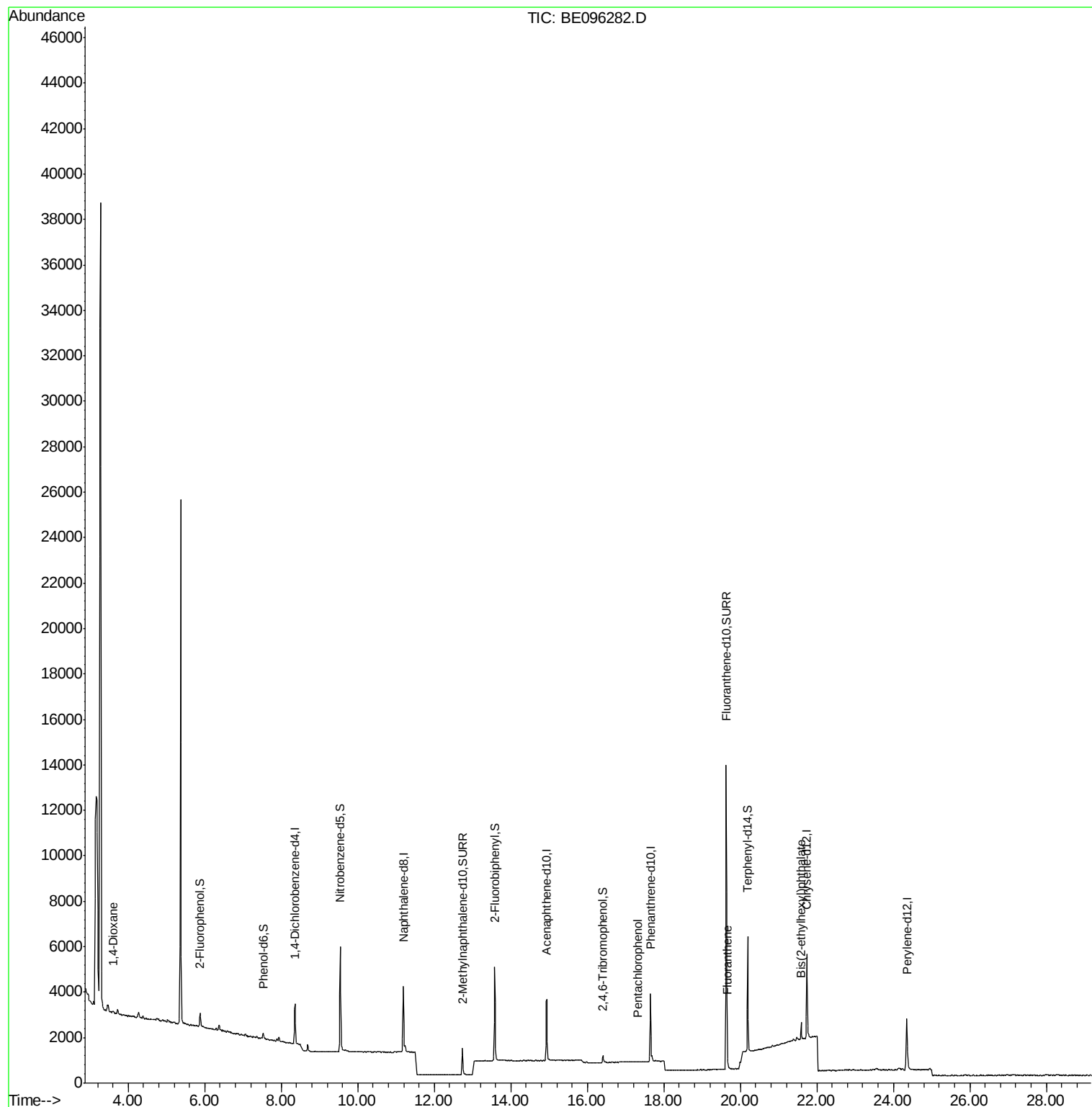
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	909	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3427	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1791	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4038	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3950	0.40	ng	0.00
34) Perylene-d12	24.35	264	3752	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	321	0.11	ng	0.01
5) Phenol-d6	7.53	99	258	0.07	ng	0.02
8) Nitrobenzene-d5	9.54	82	1856	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1707	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	180	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3796	0.50	ng	0.00
25) Fluoranthene-d10	19.63	212	17634	0.32	ng	0.00
29) Terphenyl-d14	20.19	244	4349	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.61	88	101	0.072	ng	Qvalue # 67
22) Pentachlorophenol	17.31	266	1	0.136	ng	91
26) Fluoranthene	19.66	202	321	0.022	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.60	149	938	0.029	ng	# 99

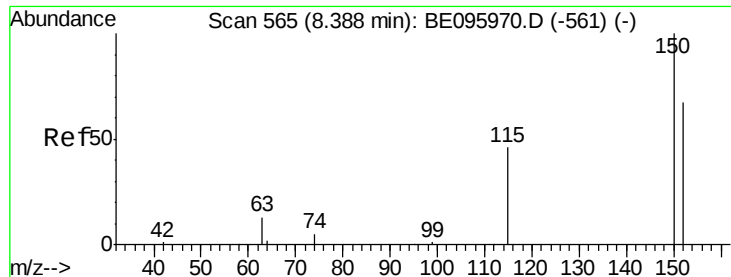
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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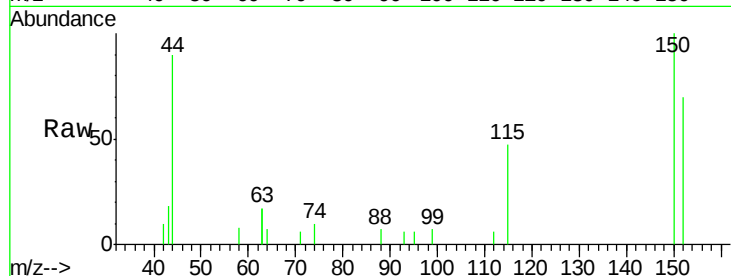


#1

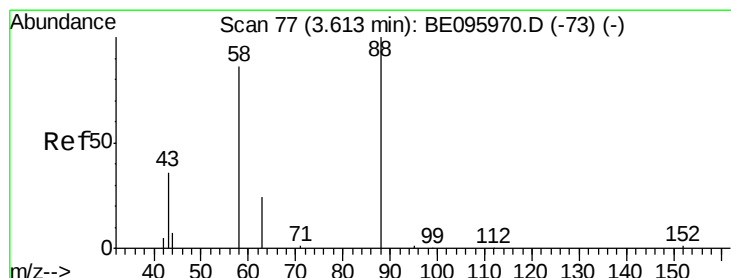
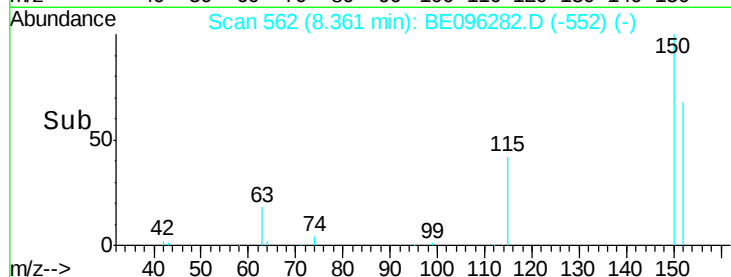
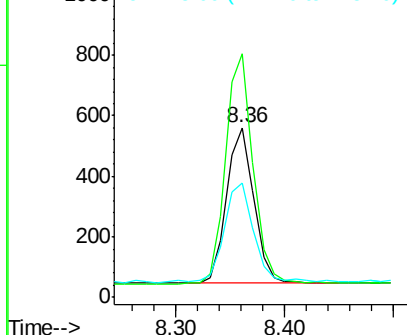
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096282.D
Acq: 2 May 2018 6:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 909
Ion Ratio Lower Upper
152 100
150 143.6 117.2 175.8
115 67.3 57.0 85.6



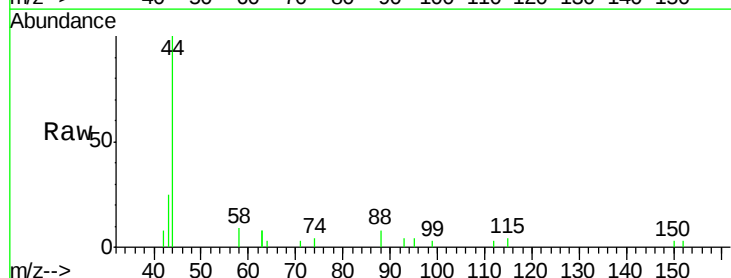
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



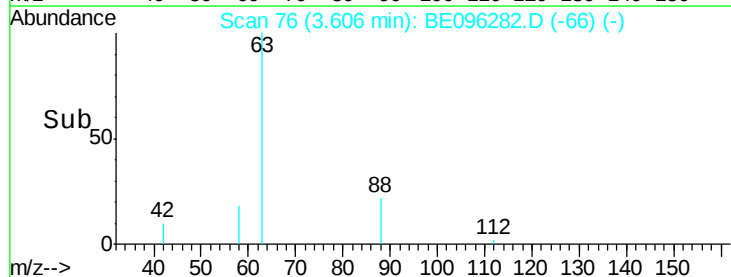
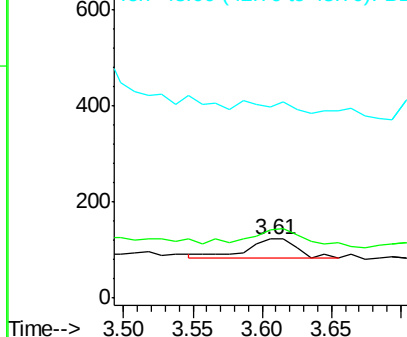
#2

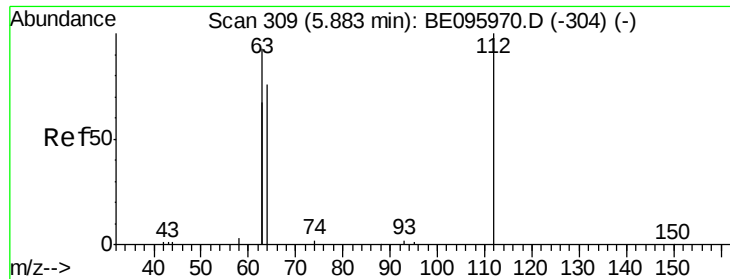
1,4-Dioxane
Concen: 0.072 ng
RT: 3.61 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096282.D
Acq: 2 May 2018 6:12

Tgt Ion: 88 Resp: 101
Ion Ratio Lower Upper
88 100
58 84.2 63.2 94.8
43 0.0 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: 0.114 ng

RT: 5.88 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA_E

ClientSampleId :

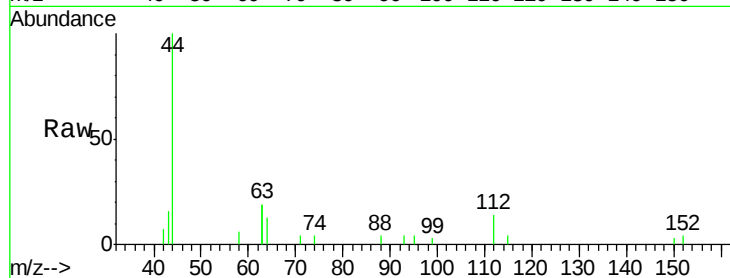
Tot Ion: 112 Resp: 321

Ion Ratio Lower Upper

112 100

64 81.0 60.1 90.1

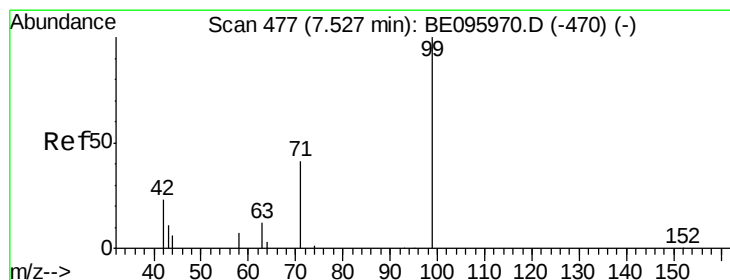
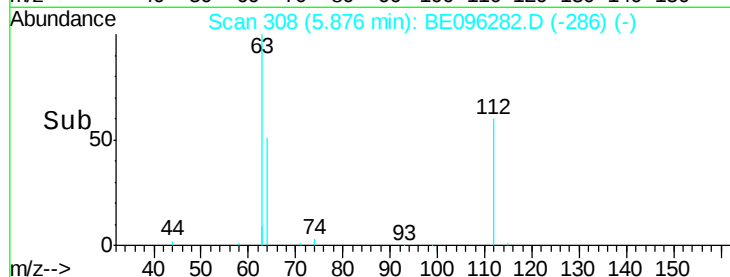
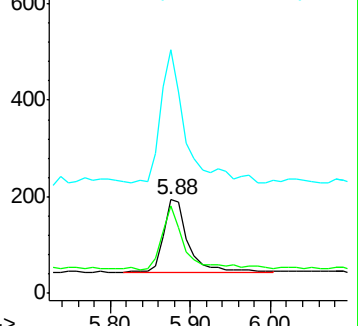
63 189.4 116.8 175.2#



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: 0.067 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

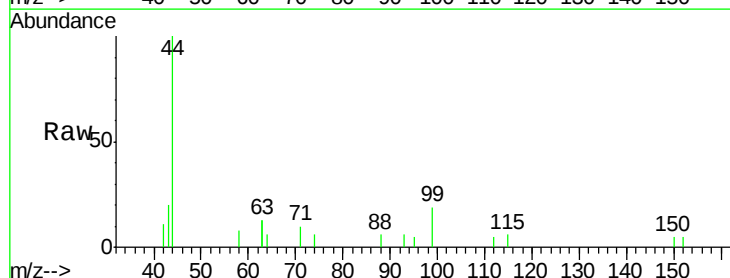
Tgt Ion: 99 Resp: 258

Ion Ratio Lower Upper

99 100

42 31.4 20.2 30.2#

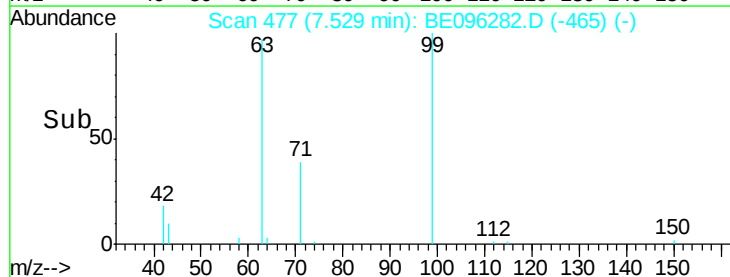
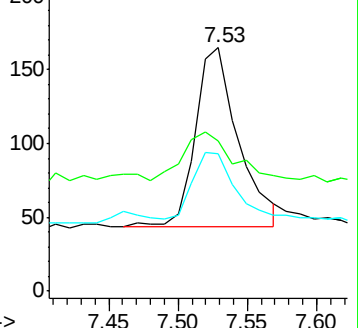
71 36.4 28.4 42.6

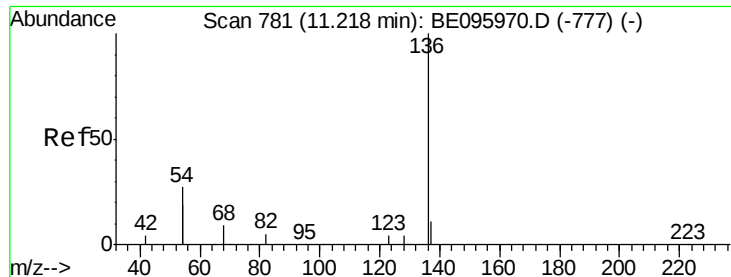


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3427

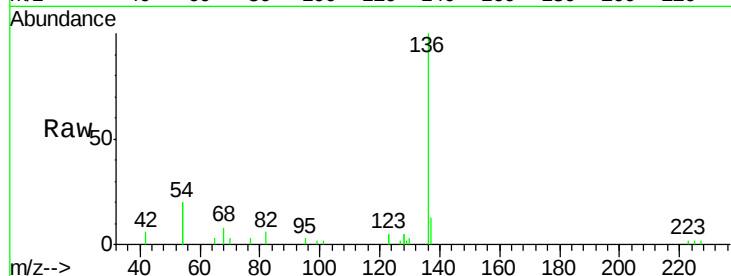
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 40.4 29.1 43.7

68 7.5 6.2 9.2

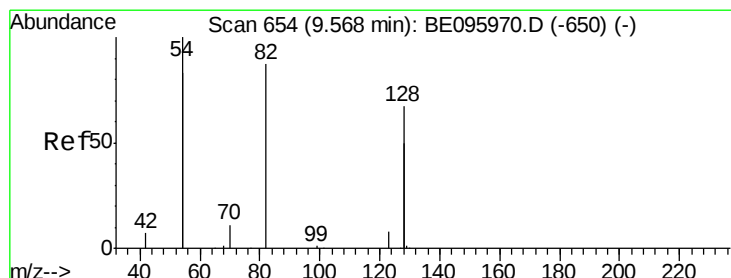
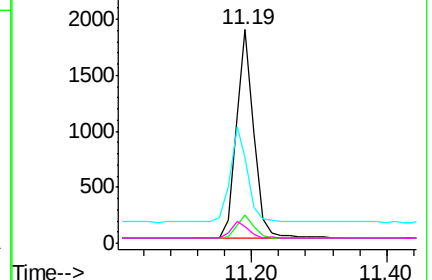
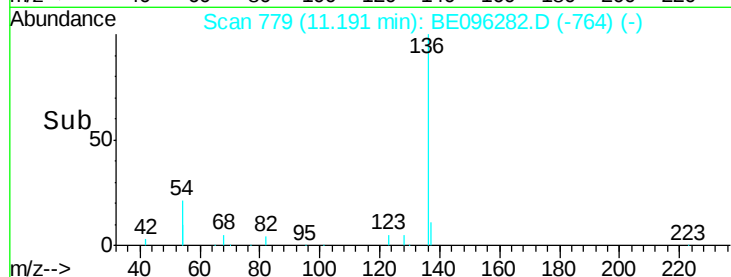


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.462 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

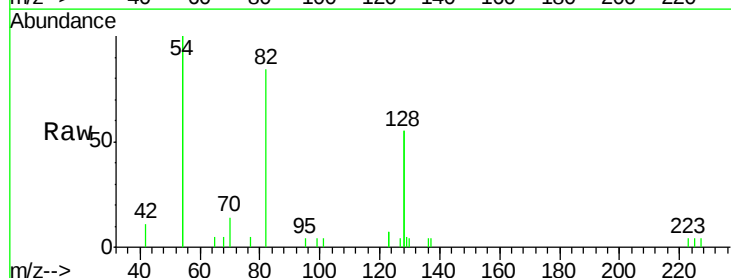
Tgt Ion: 82 Resp: 1856

Ion Ratio Lower Upper

82 100

128 130.1 150.0 225.0#

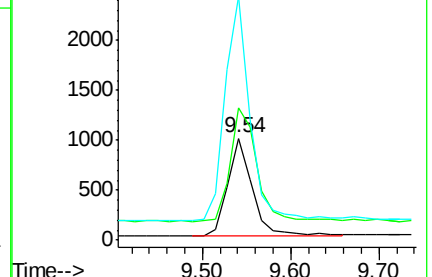
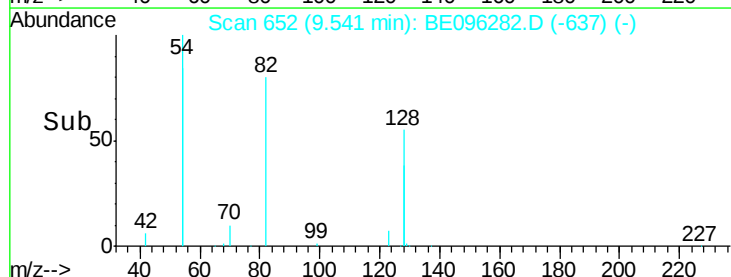
54 238.7 154.2 231.4#

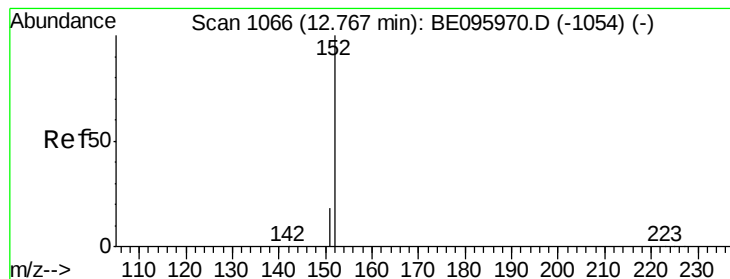


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.314 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA_E

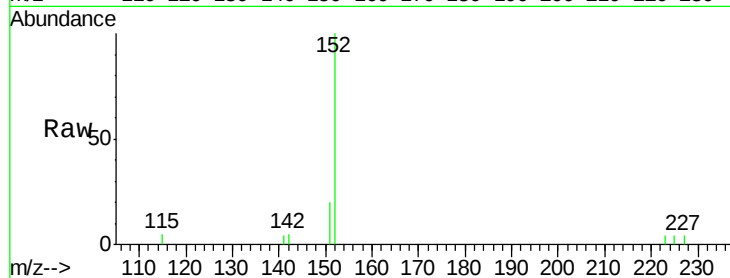
ClientSampleId :

Tot Ion:152 Resp: 1707

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.74

1200

1000

800

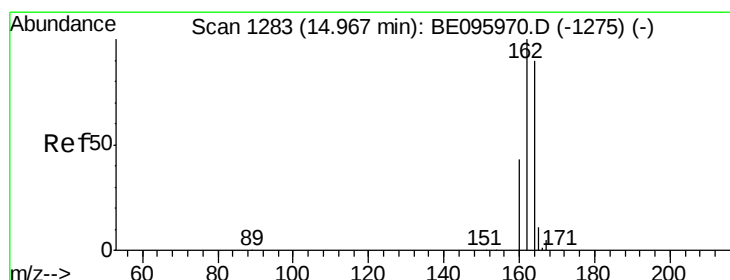
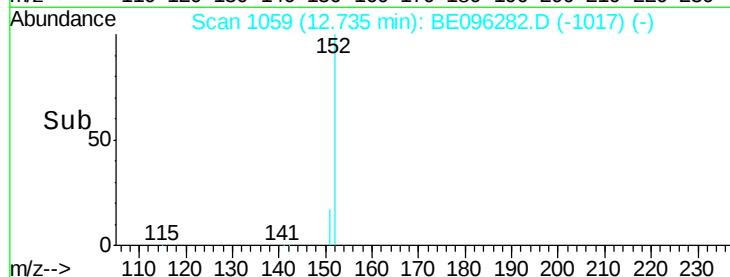
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

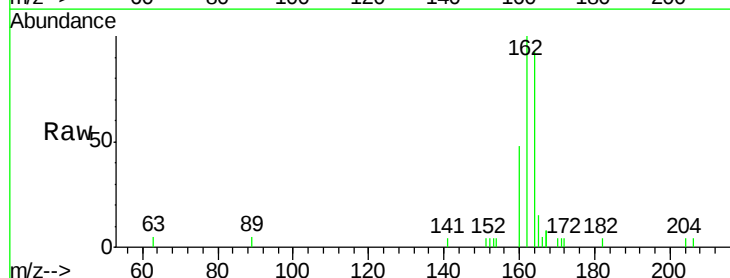
Tgt Ion:164 Resp: 1791

Ion Ratio Lower Upper

164 100

162 107.5 83.1 124.7

160 51.8 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

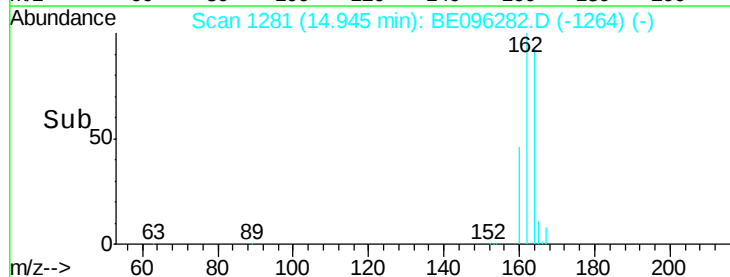
1500

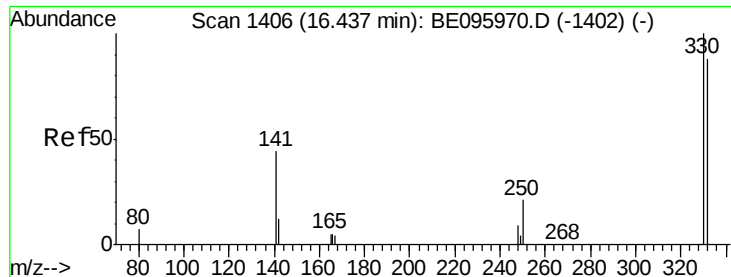
1000

500

0

Time-->

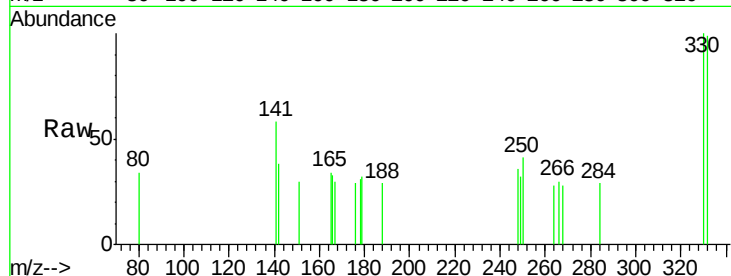




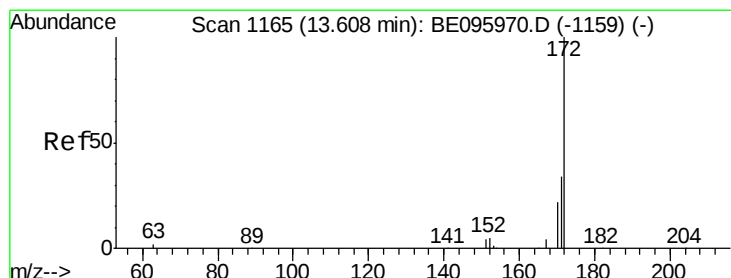
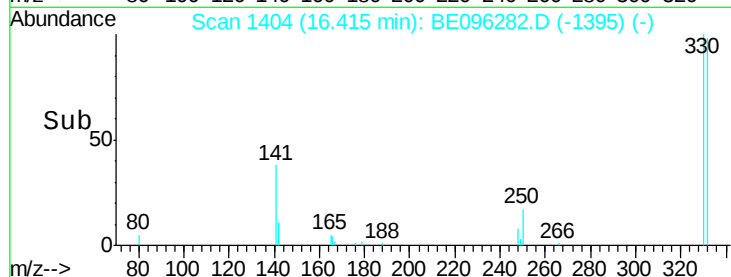
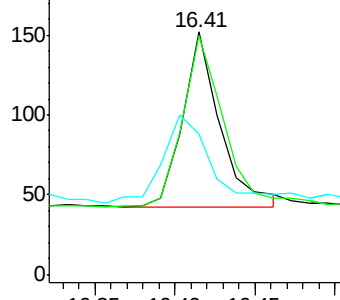
#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096282.D
Acq: 2 May 2018 6:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:330 Resp: 180
Ion Ratio Lower Upper
330 100
332 106.7 152.7 229.1#
141 62.8 33.7 50.5#

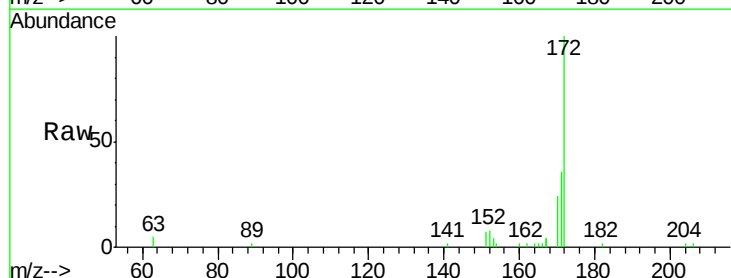


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

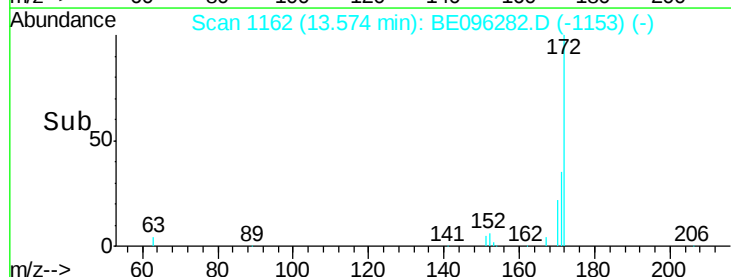
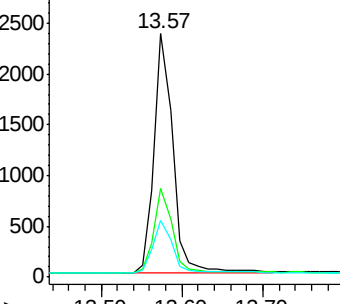


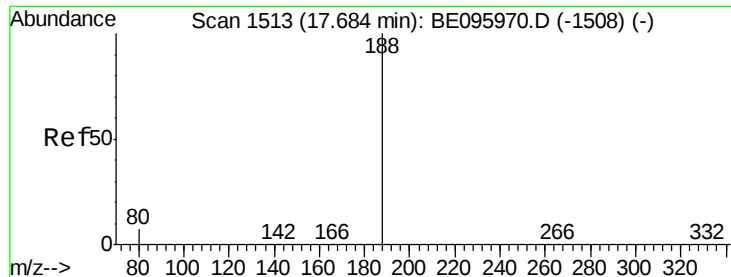
#15
2-Fluorobiphenyl
Concen: 0.495 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096282.D
Acq: 2 May 2018 6:12

Tgt Ion:172 Resp: 3796
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 23.6 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: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA_E

ClientSampleId :

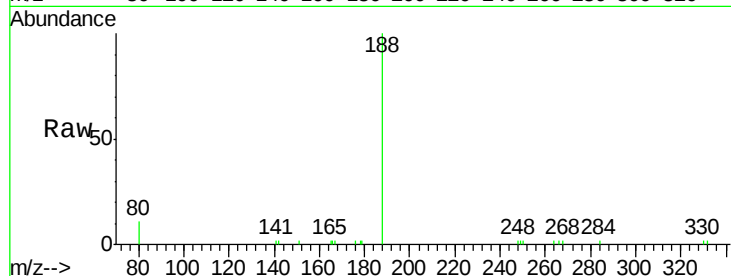
Tot Ion:188 Resp: 4038

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

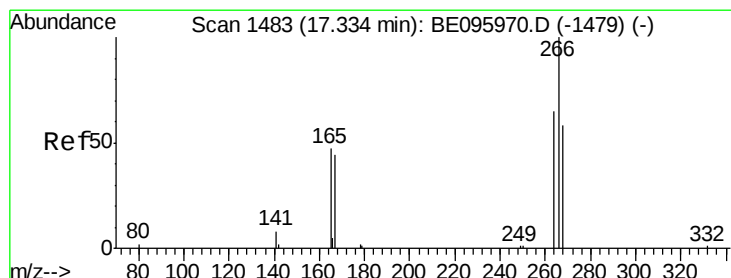
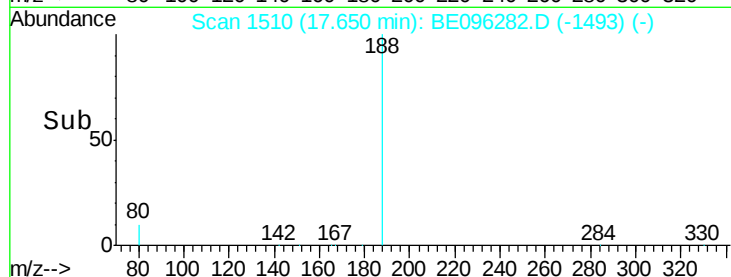
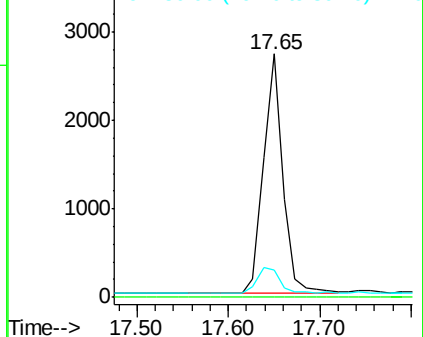
80 11.3 3.6 5.4#



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: 0.136 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

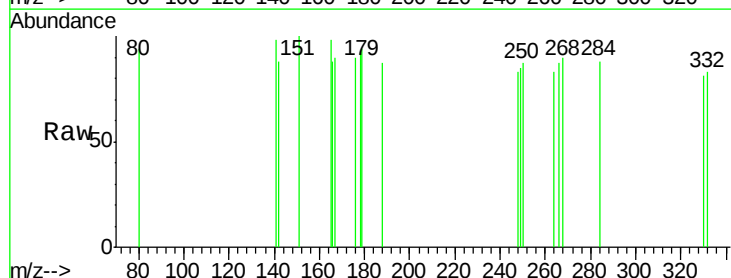
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 95.6 72.5 108.7

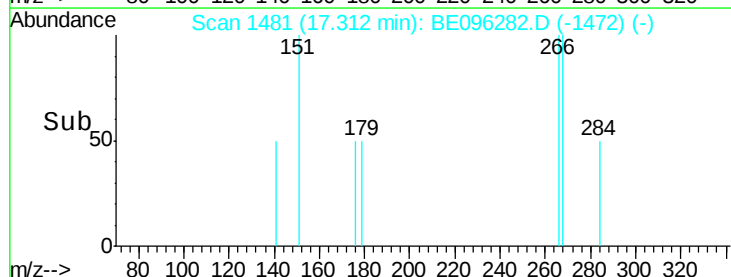
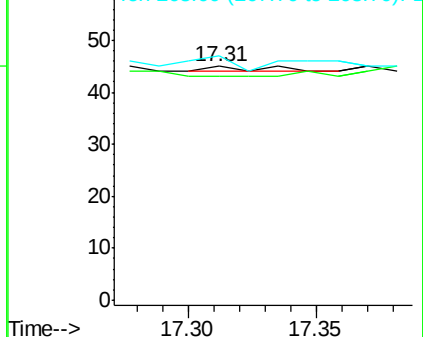
268 104.4 73.8 110.6

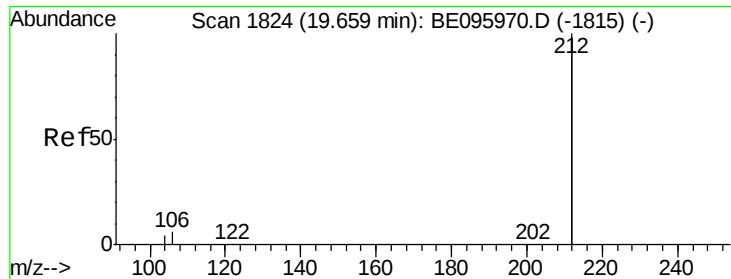


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.322 ng

RT: 19.63 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA_E

ClientSampleId :

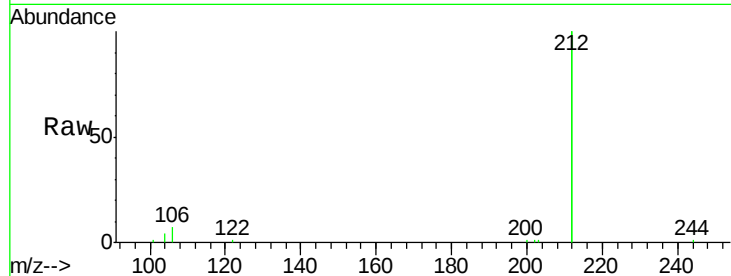
Tot Ion:212 Resp: 17634

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

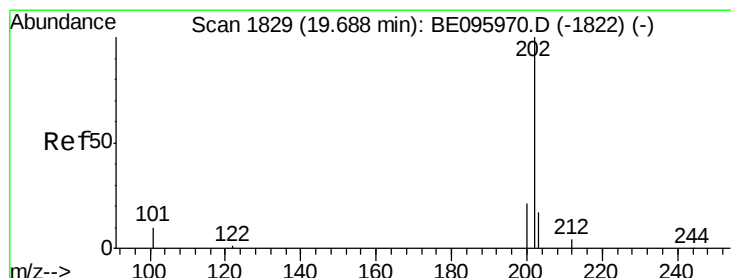
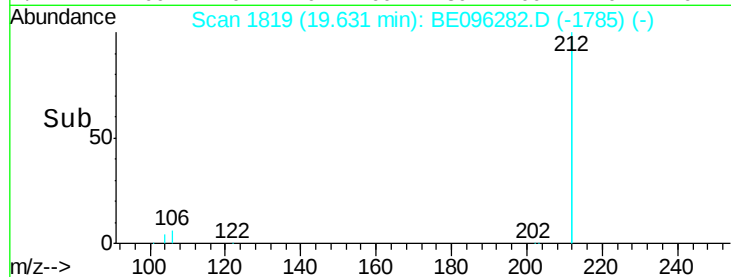
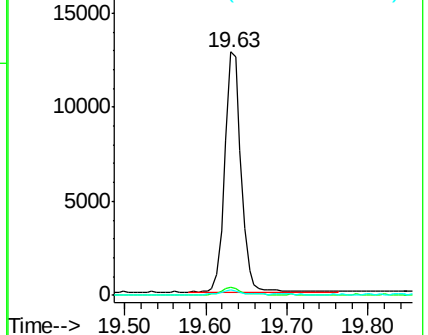
104 1.8 1.6 2.4



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



#26

Fluoranthene

Concen: 0.022 ng

RT: 19.66 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

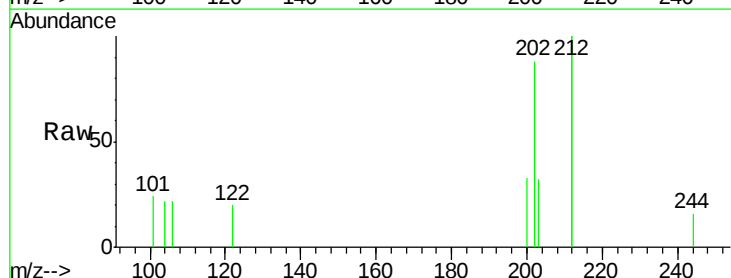
Tgt Ion:202 Resp: 321

Ion Ratio Lower Upper

202 100

101 15.0 9.8 14.8#

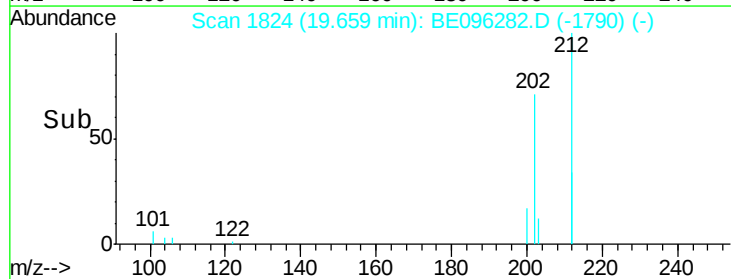
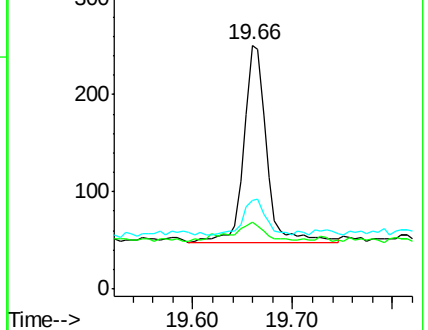
203 18.7 13.7 20.5

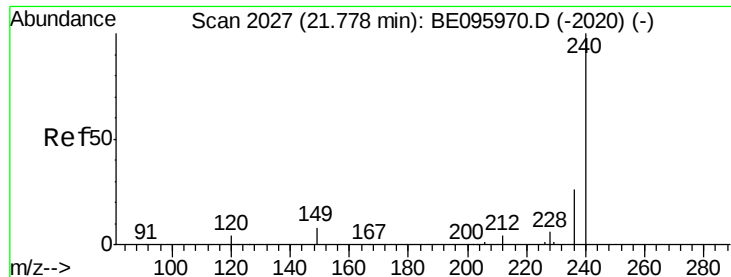


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA_E

ClientSampleId :

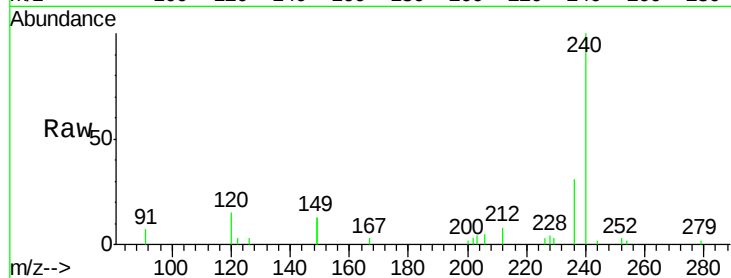
Tot Ion:240 Resp: 3950

Ion Ratio Lower Upper

240 100

120 15.4 5.5 8.3#

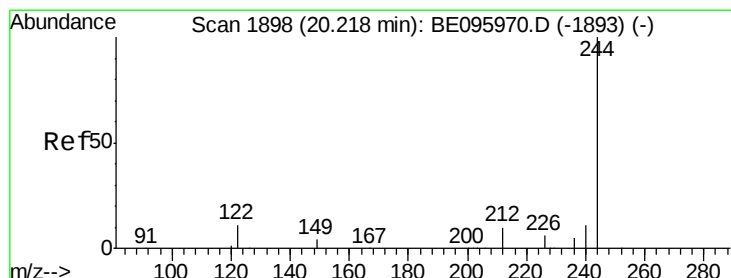
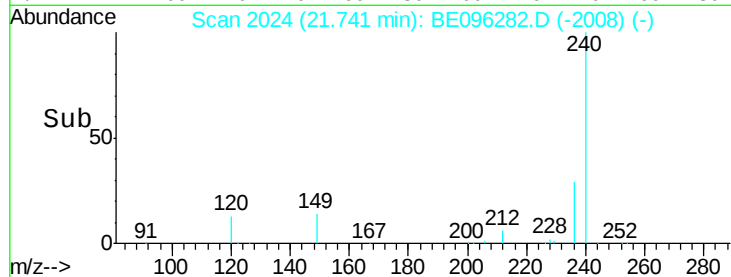
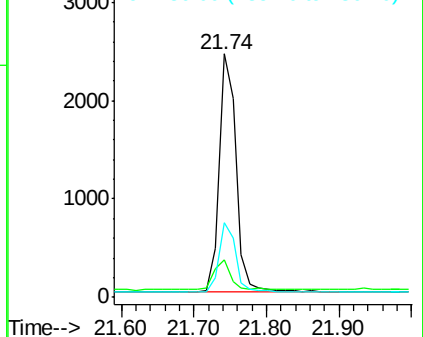
236 30.7 20.7 31.1



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: 0.498 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

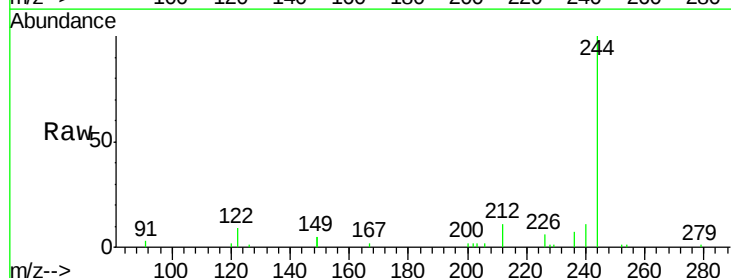
Tgt Ion:244 Resp: 4349

Ion Ratio Lower Upper

244 100

212 10.5 25.4 38.0#

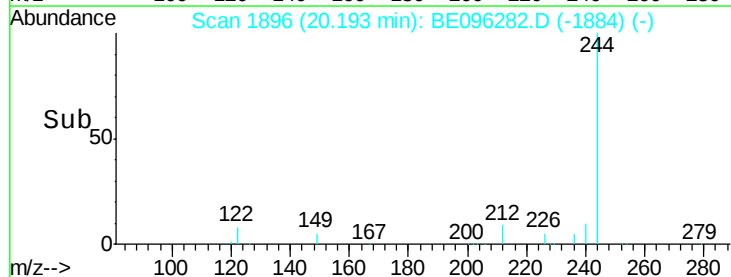
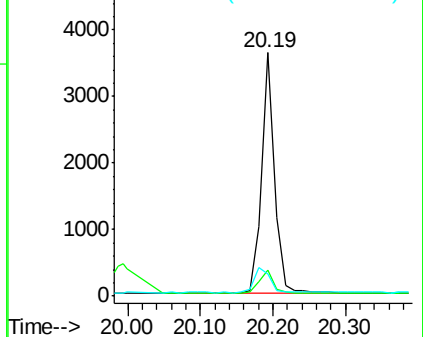
122 9.1 8.1 12.1

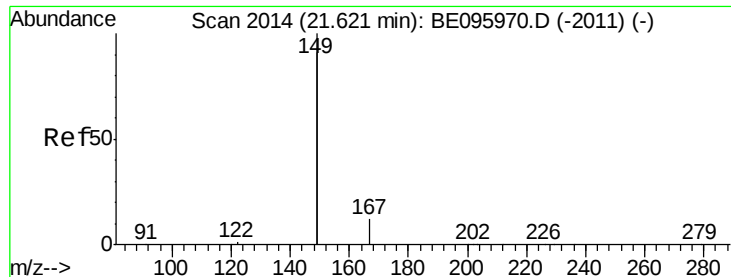


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.029 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA_E

ClientSampleId :

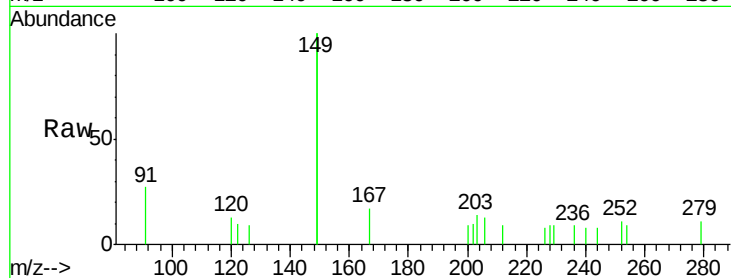
Tot Ion:149 Resp: 938

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

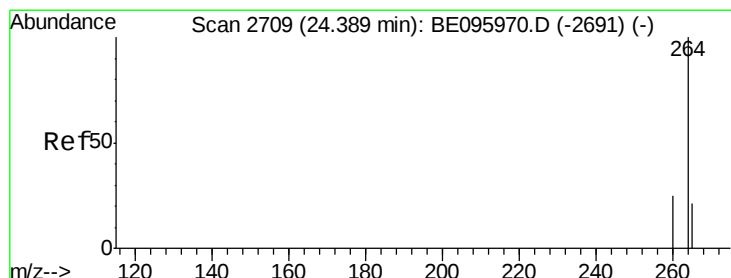
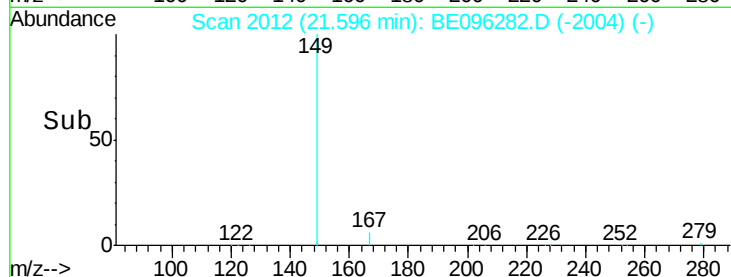
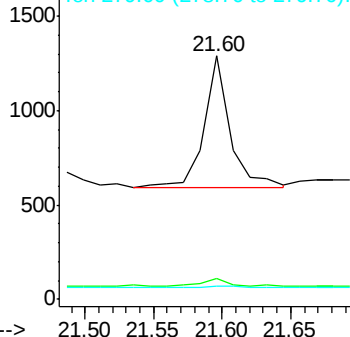
279 2.0 0.7 1.1#



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: BE096282.D

Acq: 2 May 2018 6:12

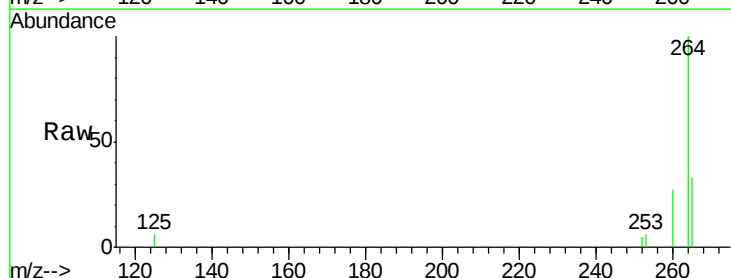
Tgt Ion:264 Resp: 3752

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

265 33.0 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

