

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096310.D
 Acq On : 3 May 2018 1:01
 Operator : SJ/JU
 Sample : J2662-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 03 01:56:16 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	930	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3367	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1817	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	4054	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3853	0.40	ng	0.00
34) Perylene-d12	24.35	264	3675	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.88	112	438	0.15	ng	0.01
5) Phenol-d6	7.52	99	355	0.09	ng	0.01
8) Nitrobenzene-d5	9.54	82	2263	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1997	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	285	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	6061	0.78	ng	0.00
25) Fluoranthene-d10	19.63	212	21800	0.40	ng	0.00
29) Terphenyl-d14	20.19	244	5751	0.68	ng	0.00

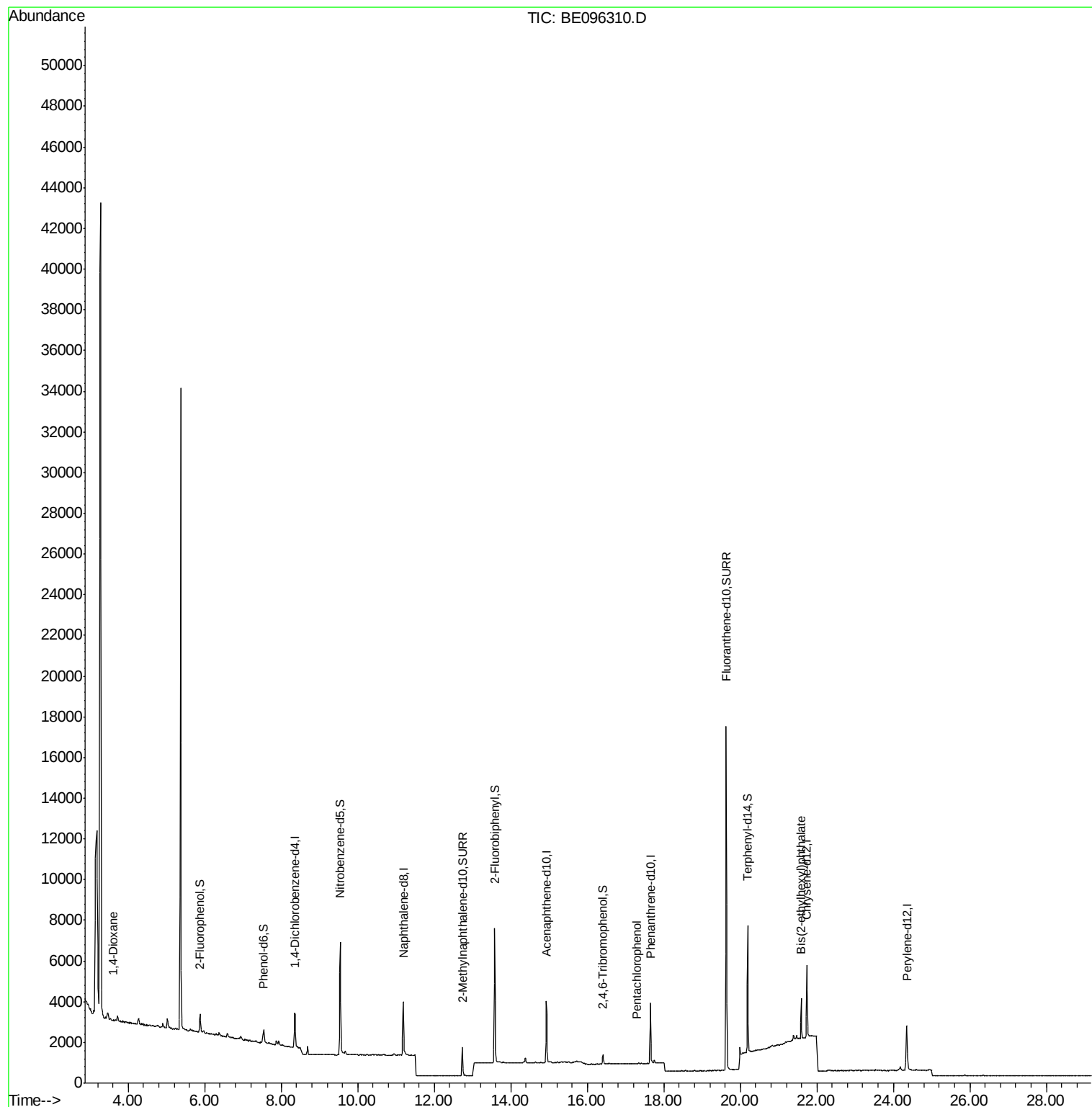
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	35	0.024	ng	# 1
22) Pentachlorophenol	17.29	266	3	0.138	ng	92
32) Bis(2-ethylhexyl)phthalate	21.60	149	2207	0.069	ng	97

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

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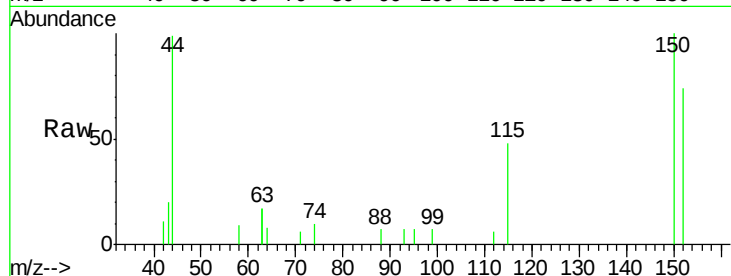


#1

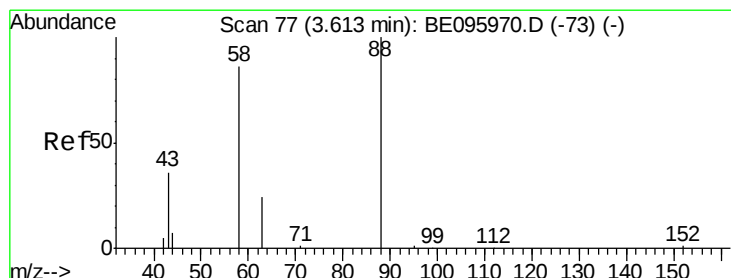
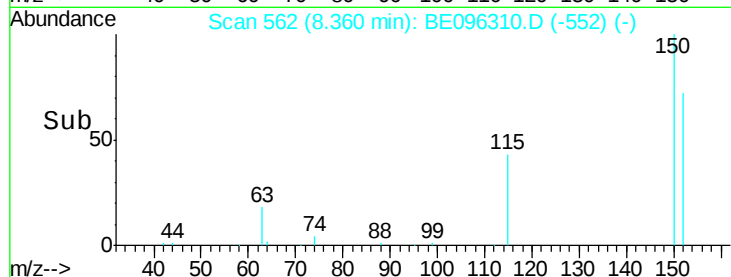
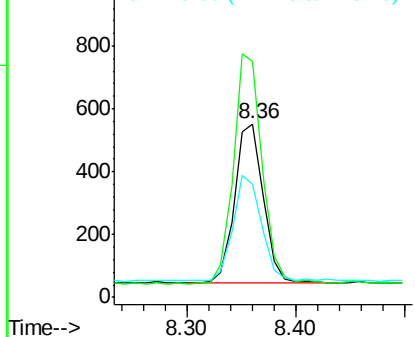
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096310.D
Acq: 3 May 2018 1:01

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 930
Ion Ratio Lower Upper
152 100
150 136.1 117.2 175.8
115 65.4 57.0 85.6



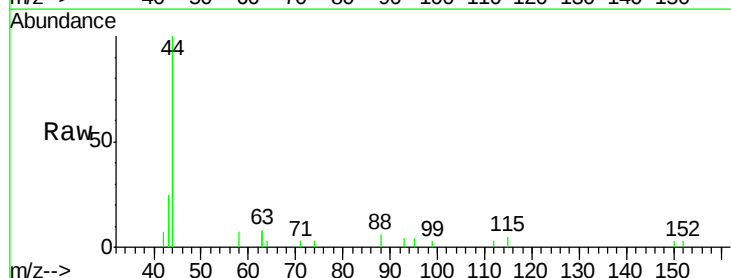
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



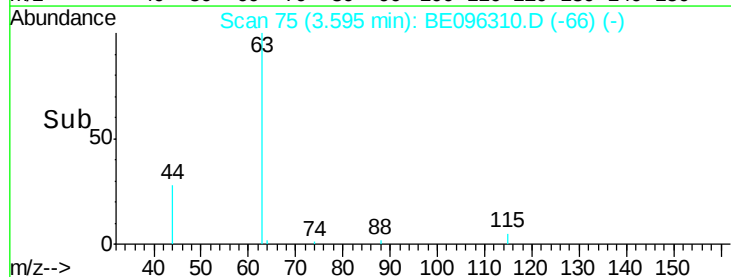
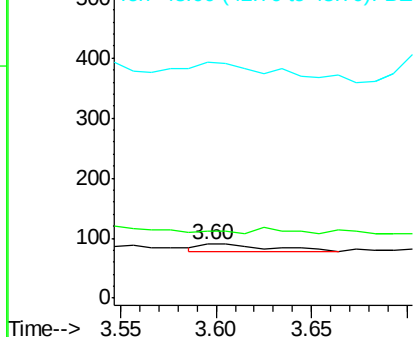
#2

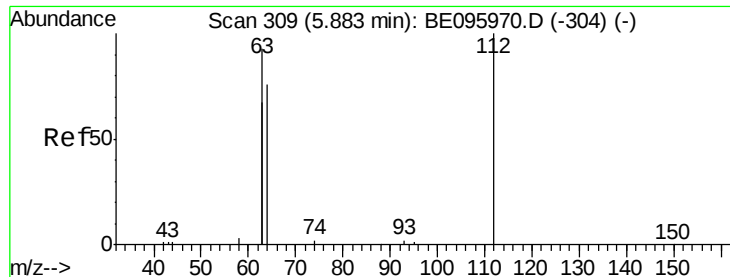
1,4-Dioxane
Concen: 0.024 ng
RT: 3.60 min Scan# 75
Delta R.T. -0.01 min
Lab File: BE096310.D
Acq: 3 May 2018 1:01

Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
58 0.0 63.2 94.8#
43 208.6 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: 0.152 ng

RT: 5.88 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096310.D

Acq: 3 May 2018 1:01

Instrument :

BNA_E

ClientSampleId :

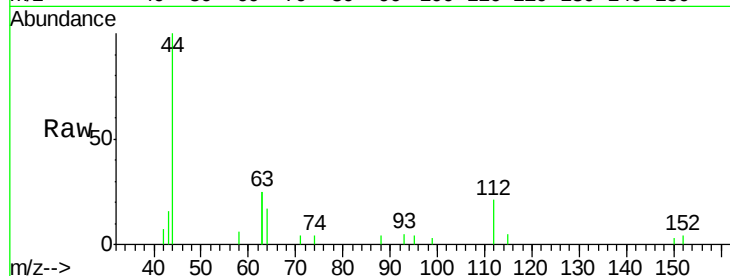
Tot Ion: 112 Resp: 438

Ion Ratio Lower Upper

112 100

64 78.8 60.1 90.1

63 183.3 116.8 175.2#

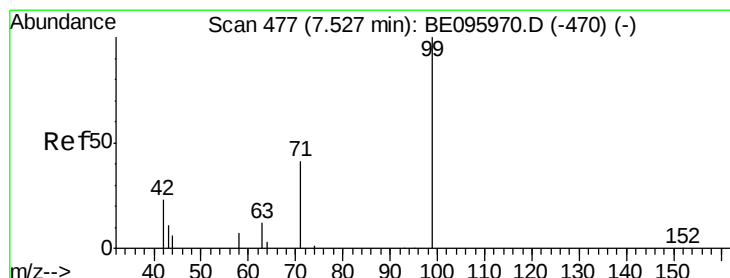
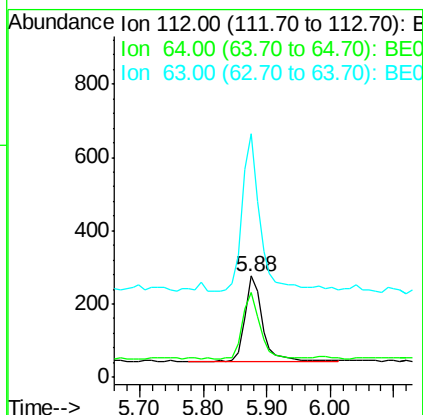
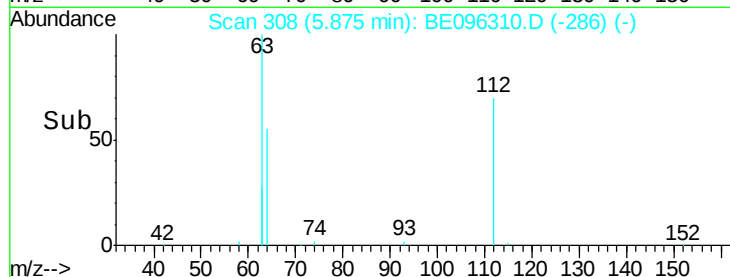


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.089 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096310.D

Acq: 3 May 2018 1:01

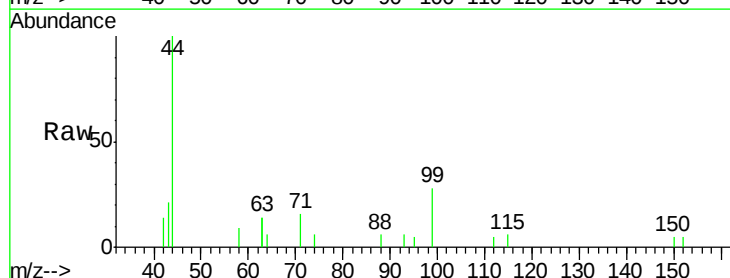
Tgt Ion: 99 Resp: 355

Ion Ratio Lower Upper

99 100

42 34.6 20.2 30.2#

71 45.1 28.4 42.6#

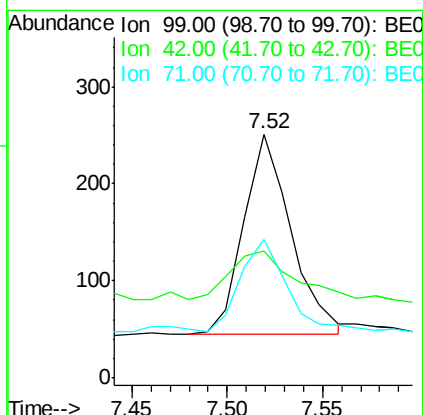
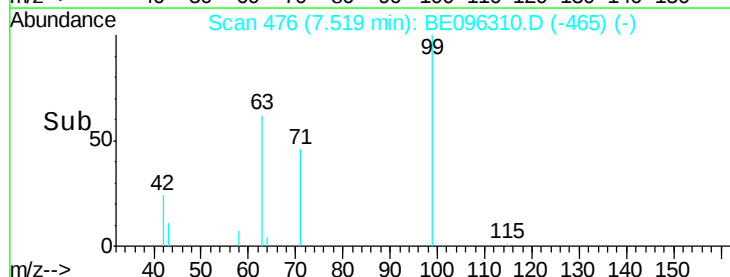


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096310.D

Acq: 3 May 2018 1:01

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3367

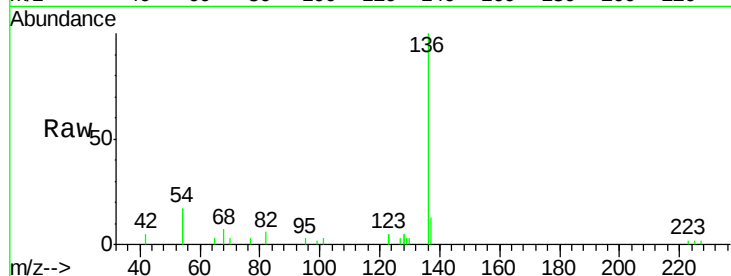
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 34.2 29.1 43.7

68 7.1 6.2 9.2

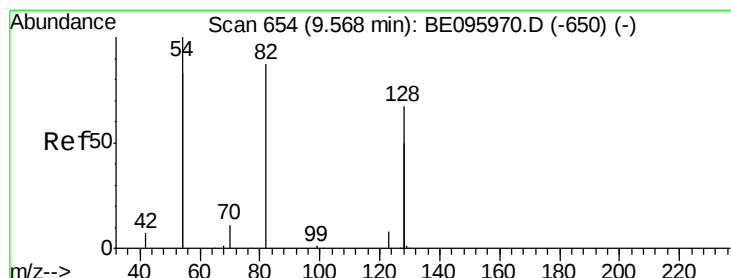
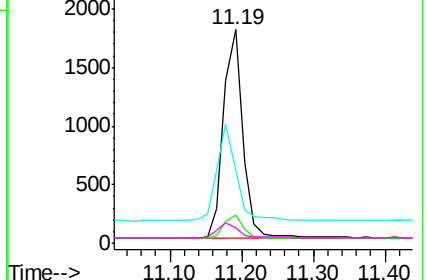
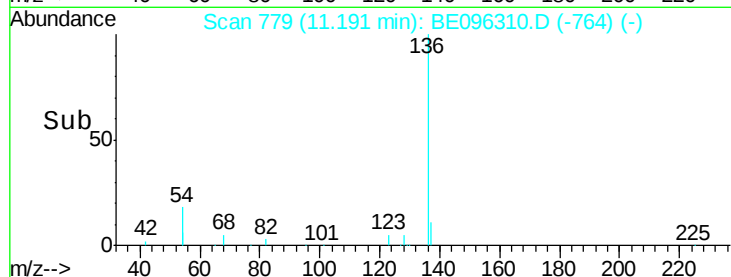


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.573 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096310.D

Acq: 3 May 2018 1:01

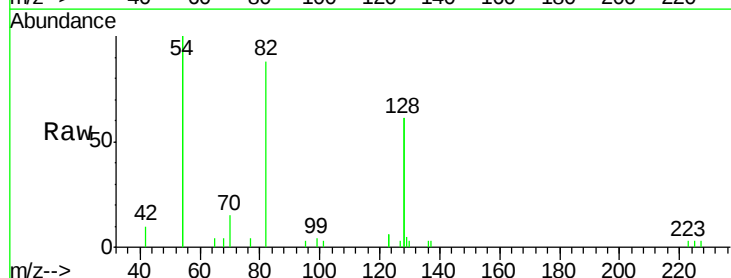
Tgt Ion: 82 Resp: 2263

Ion Ratio Lower Upper

82 100

128 138.9 150.0 225.0#

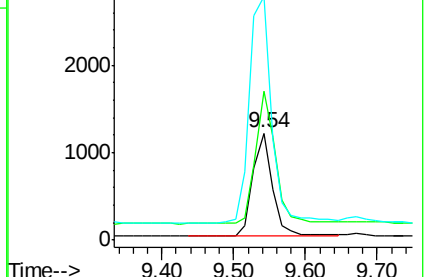
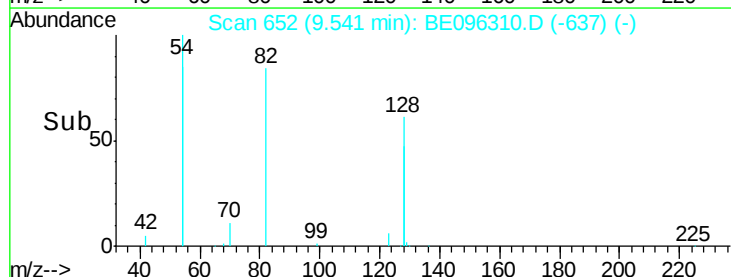
54 227.8 154.2 231.4

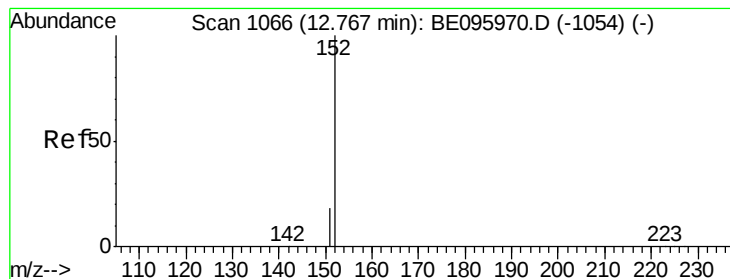


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

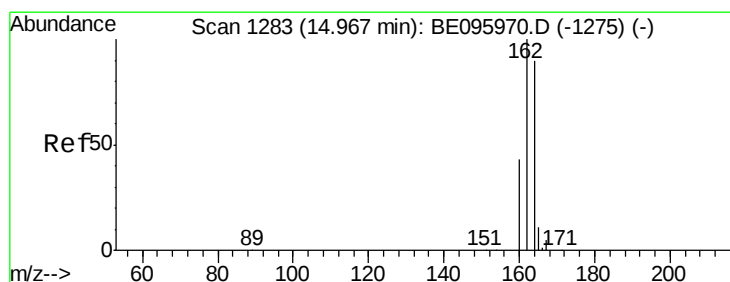
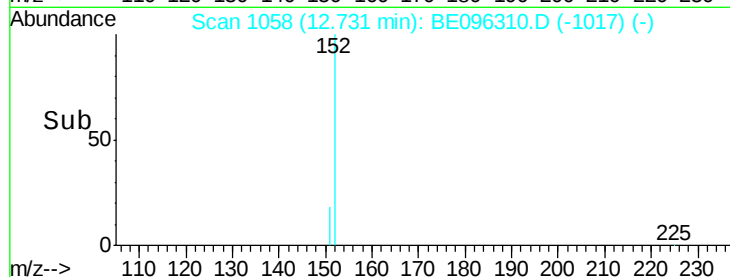
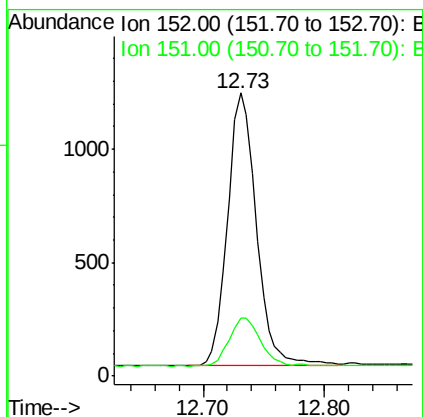
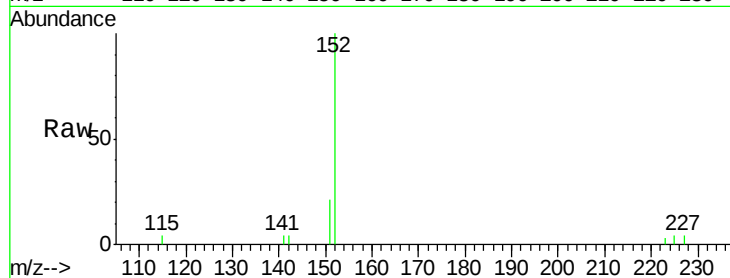




#11
 2-Methylnaphthalene-d10
 Concen: 0.374 ng
 RT: 12.73 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BE096310.D
 Acq: 3 May 2018 1:01

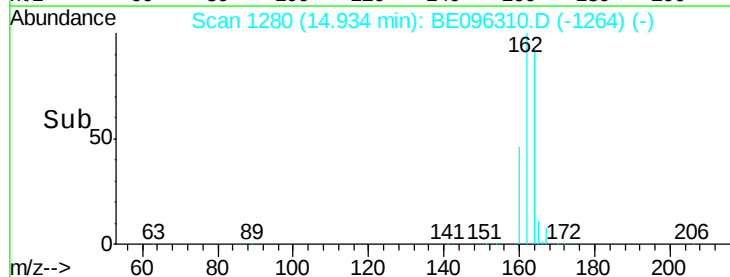
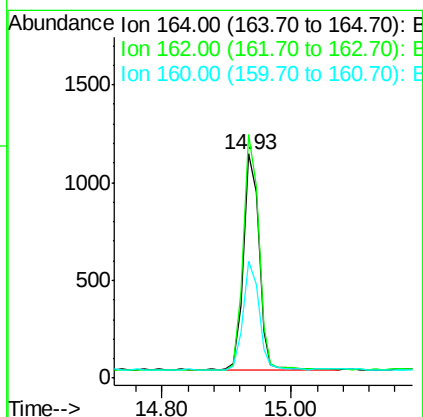
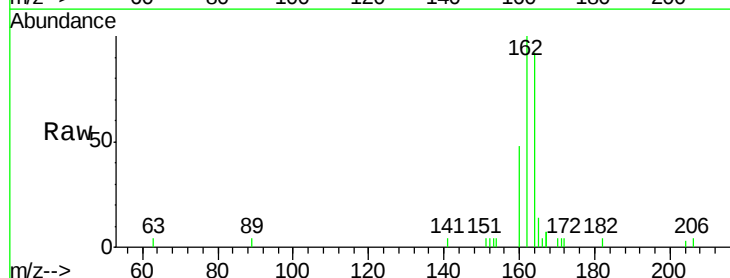
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1997
 Ion Ratio Lower Upper
 152 100
 151 19.8 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: BE096310.D
 Acq: 3 May 2018 1:01

Tgt Ion:164 Resp: 1817
 Ion Ratio Lower Upper
 164 100
 162 108.5 83.1 124.7
 160 52.0 37.1 55.7

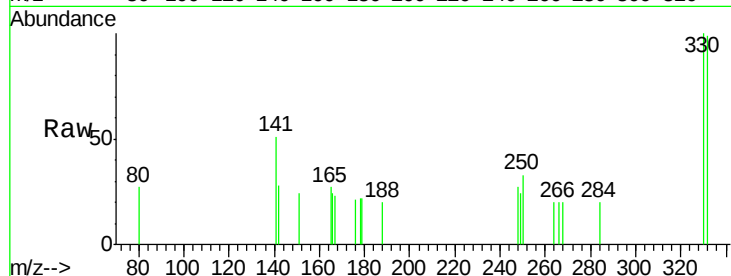




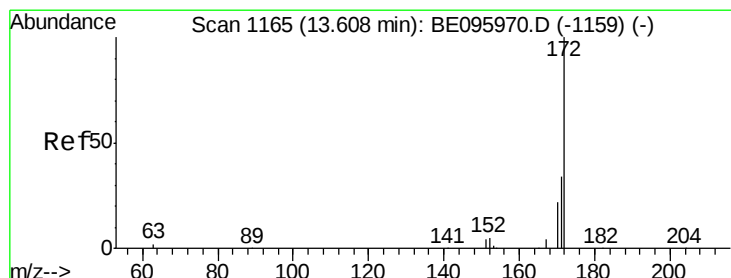
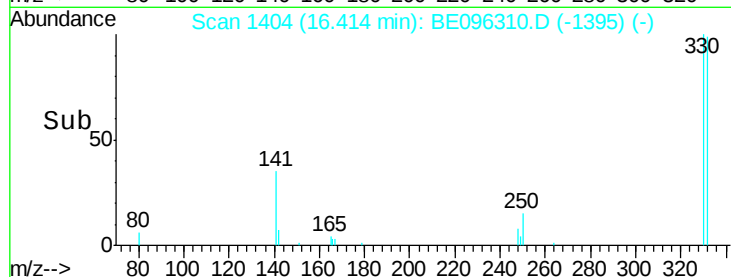
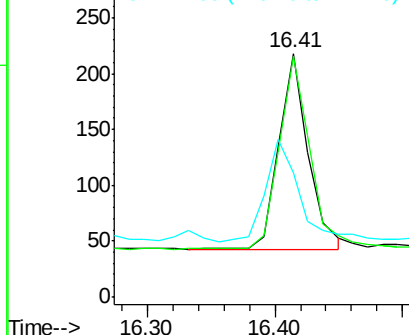
#14
 2,4,6-Tribromophenol
 Concen: 0.325 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096310.D
 Acq: 3 May 2018 1:01

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 285
 Ion Ratio Lower Upper
 330 100
 332 100.0 152.7 229.1#
 141 58.6 33.7 50.5#

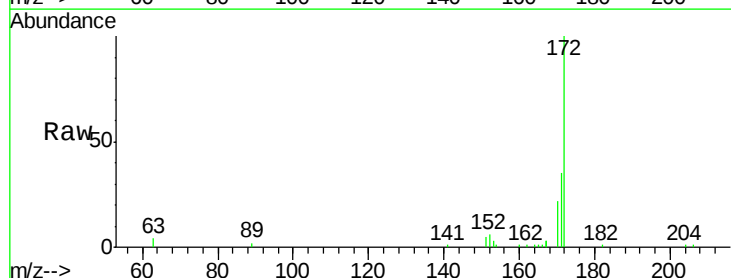


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

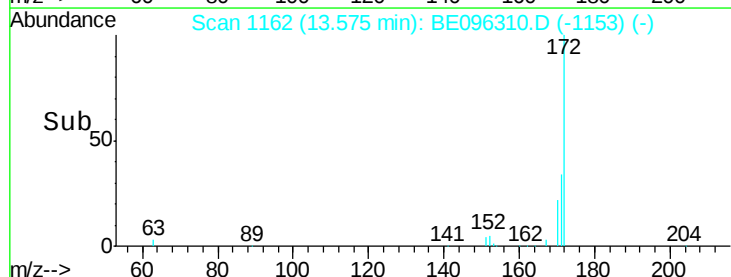
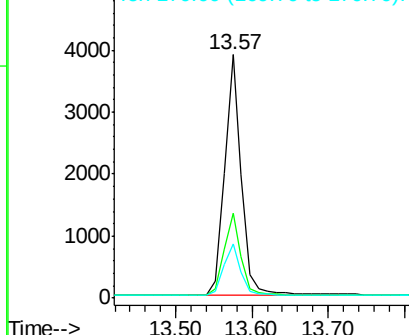


#15
 2-Fluorobiphenyl
 Concen: 0.780 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BE096310.D
 Acq: 3 May 2018 1:01

Tgt Ion:172 Resp: 6061
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.9 44.9
 170 22.4 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: BE096310.D

Acq: 3 May 2018 1:01

Instrument :

BNA_E

ClientSampleId :

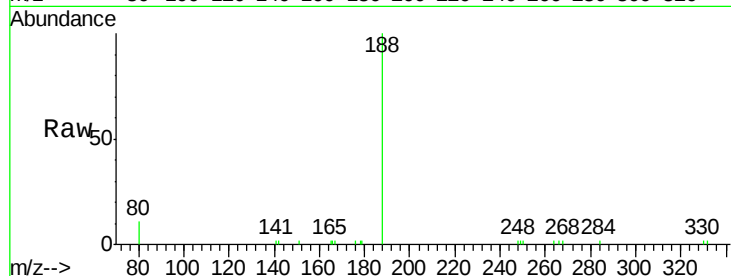
Tot Ion:188 Resp: 4054

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

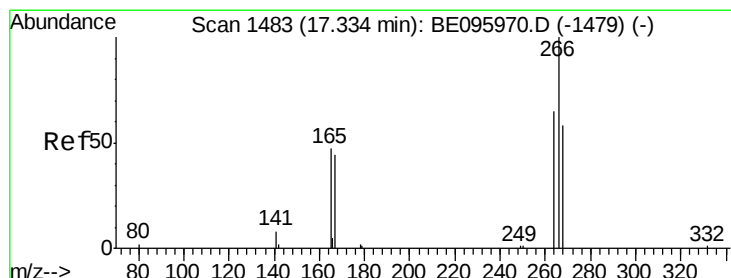
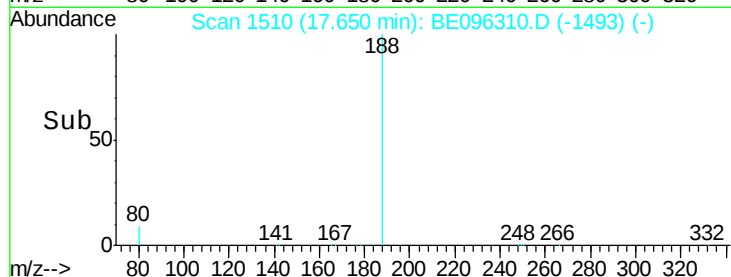
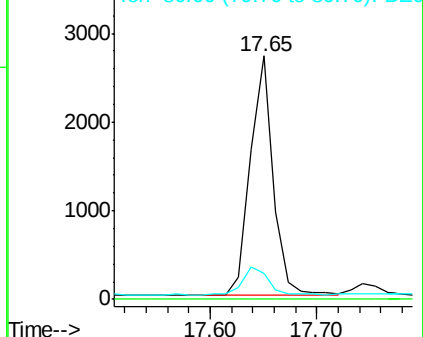
80 10.6 3.6 5.4#



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: 0.138 ng

RT: 17.29 min Scan# 1479

Delta R.T. -0.02 min

Lab File: BE096310.D

Acq: 3 May 2018 1:01

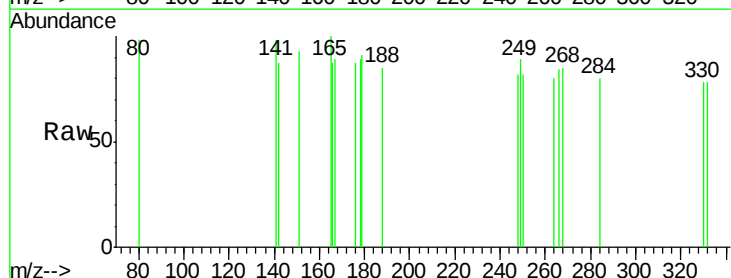
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

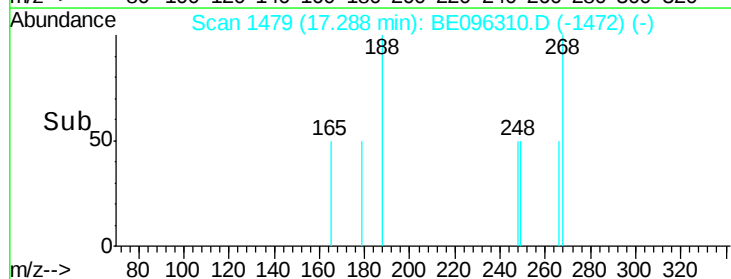
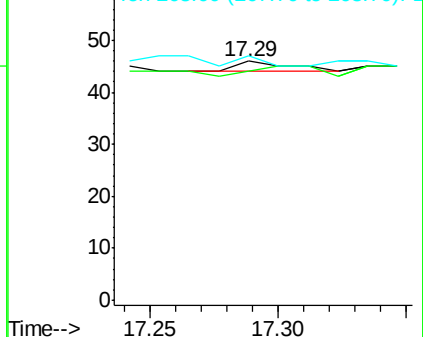
268 102.2 73.8 110.6

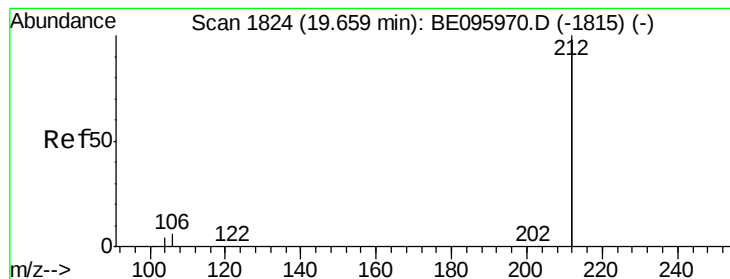


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.63 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BE096310.D

Acq: 3 May 2018 1:01

Instrument :

BNA_E

ClientSampleId :

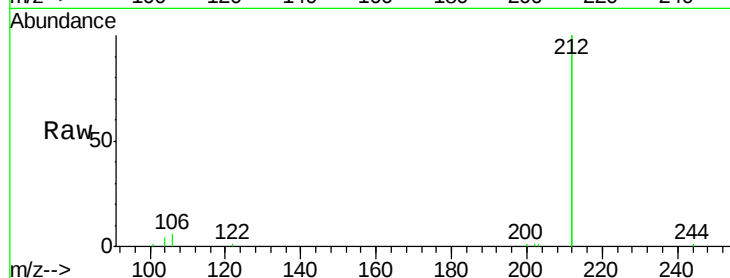
Tot Ion:212 Resp: 21800

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

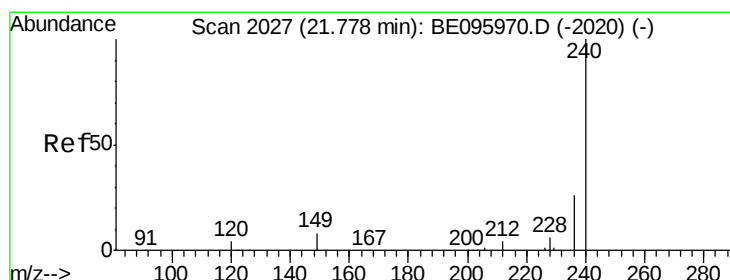
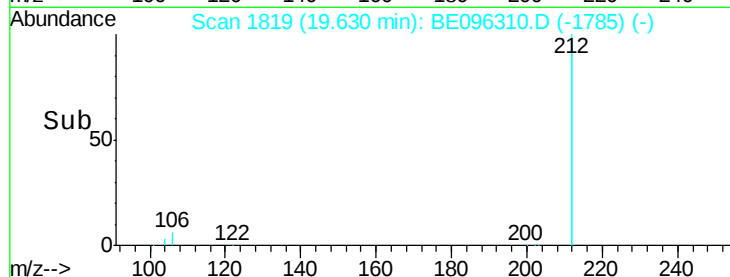
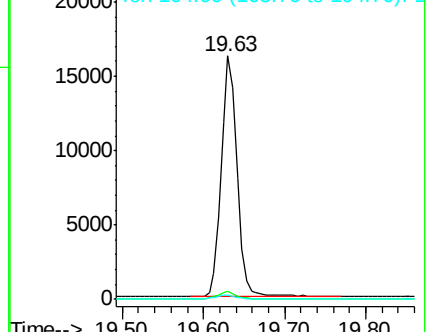
104 1.7 1.6 2.4



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: BE096310.D

Acq: 3 May 2018 1:01

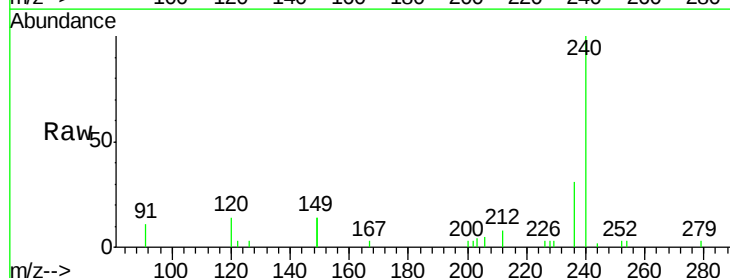
Tgt Ion:240 Resp: 3853

Ion Ratio Lower Upper

240 100

120 14.4 5.5 8.3#

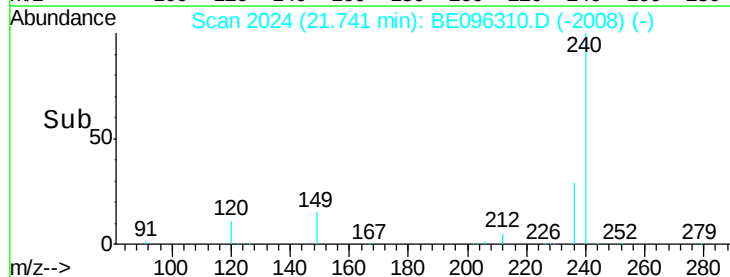
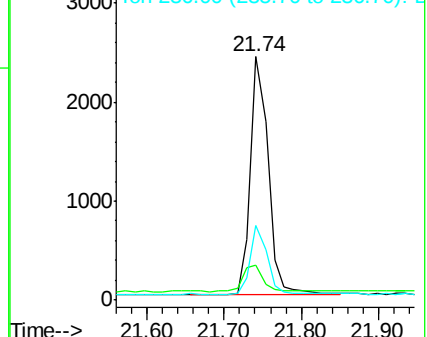
236 30.7 20.7 31.1

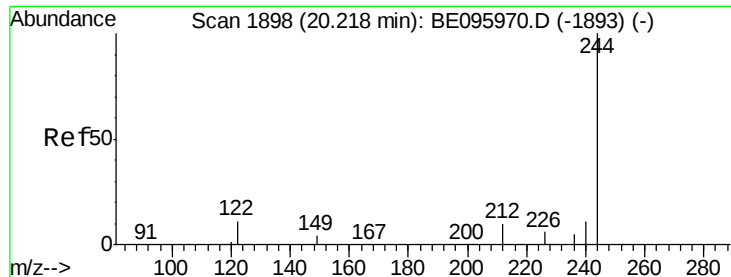


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.676 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096310.D

Acq: 3 May 2018 1:01

Instrument :

BNA_E

ClientSampleId :

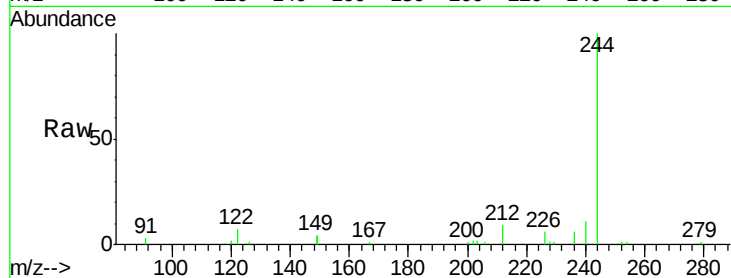
Tot Ion:244 Resp: 5751

Ion Ratio Lower Upper

244 100

212 9.1 25.4 38.0#

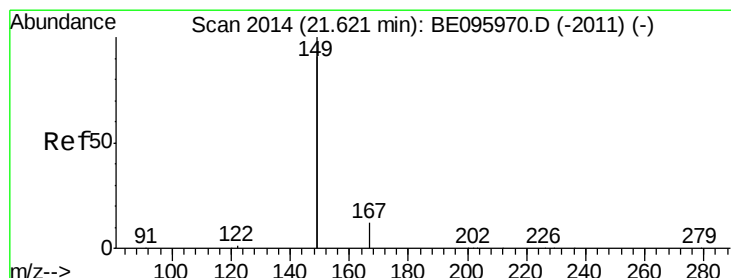
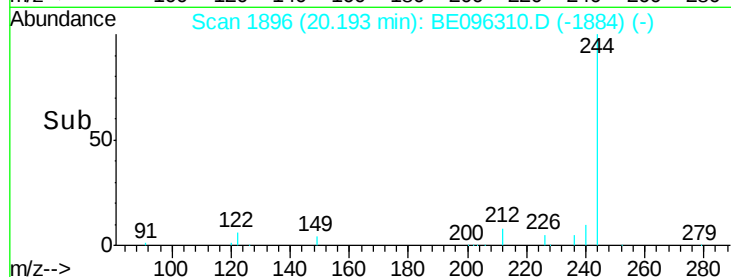
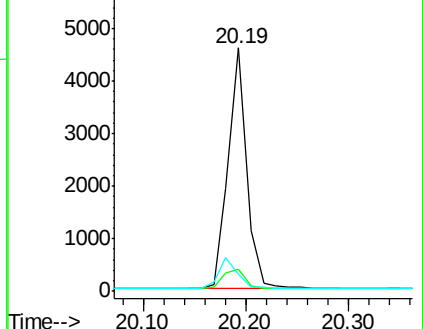
122 6.9 8.1 12.1#



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: 0.069 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096310.D

Acq: 3 May 2018 1:01

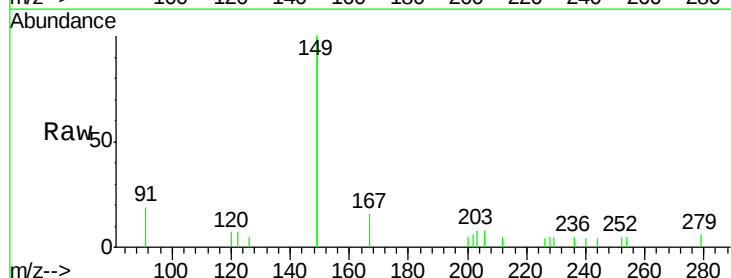
Tgt Ion:149 Resp: 2207

Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

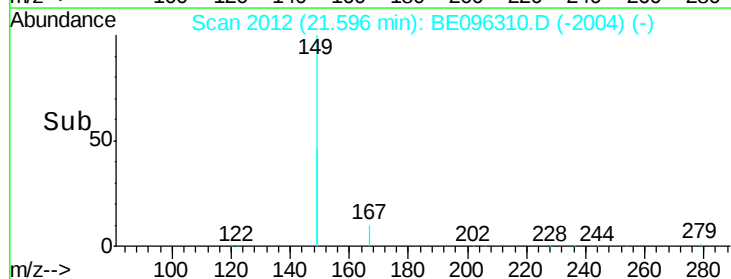
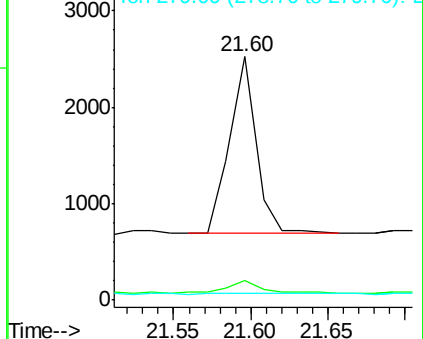
279 1.0 0.7 1.1

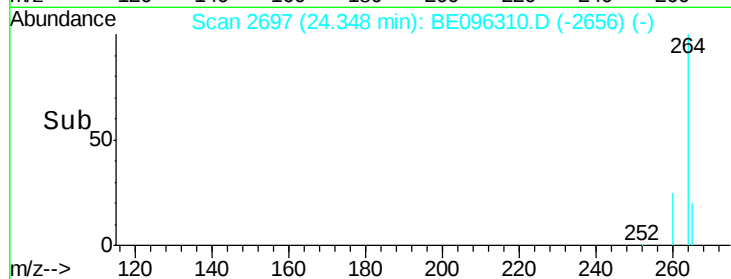
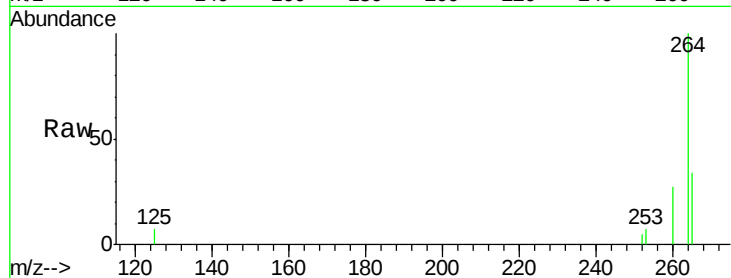


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE096310.D

Acq: 3 May 2018 1:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 3675

Ion Ratio Lower Upper

264 100

260 27.4 20.5 30.7

265 34.2 22.8 34.2#

