

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096274.D
 Acq On : 2 May 2018 1:23
 Operator : SJ/JU
 Sample : J2641-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 04:07:20 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

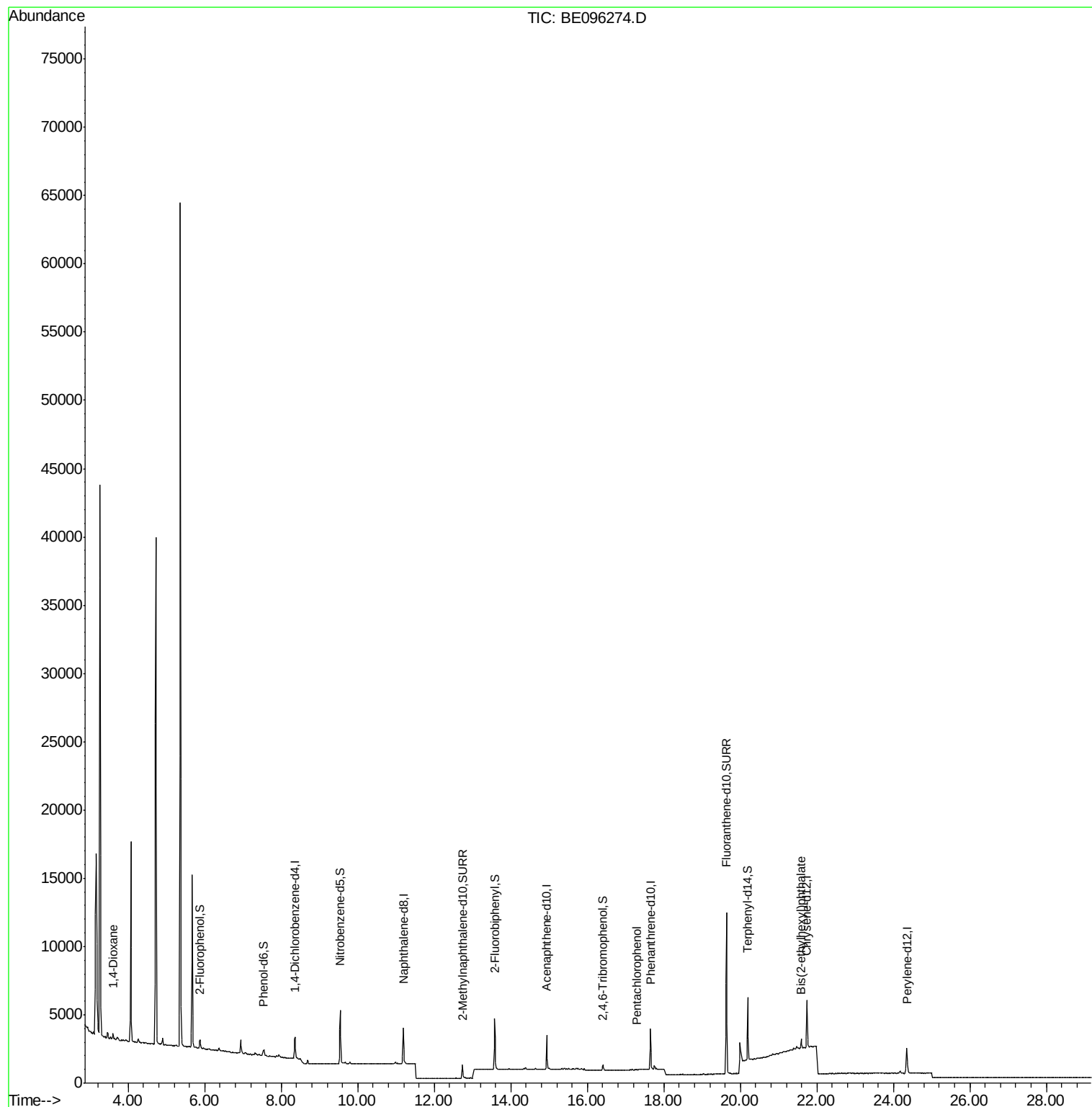
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	797	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3025	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1595	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3905	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3917	0.40	ng	0.00
34) Perylene-d12	24.35	264	2960	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	331	0.13	ng	0.01
5) Phenol-d6	7.52	99	265	0.08	ng	0.01
8) Nitrobenzene-d5	9.54	82	1561	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1379	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	231	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3447	0.51	ng	0.00
25) Fluoranthene-d10	19.64	212	15406	0.29	ng	0.00
29) Terphenyl-d14	20.19	244	4002	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.59	88	384	0.312	ng	Qvalue 89
22) Pentachlorophenol	17.30	266	3	0.138	ng	94
32) Bis(2-ethylhexyl)phthalate	21.59	149	854	0.026	ng	# 96

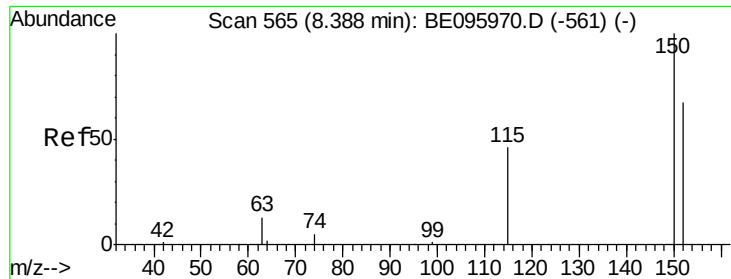
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE096274.D

Acq: 2 May 2018 1:23

Instrument :

BNA_E

ClientSampled :

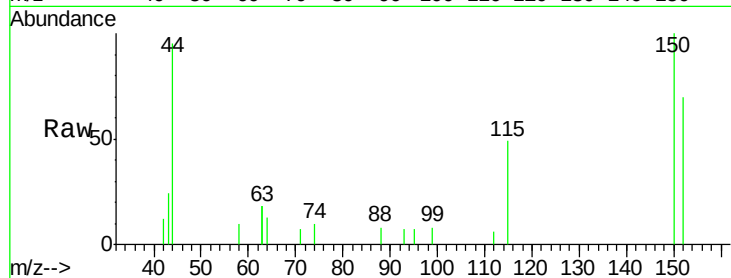
Tot Ion:152 Resp: 797

Ion Ratio Lower Upper

152 100

150 143.0 117.2 175.8

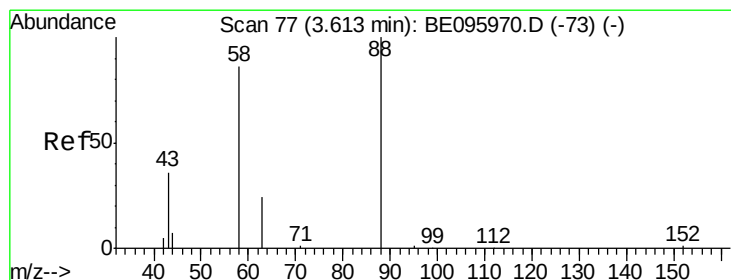
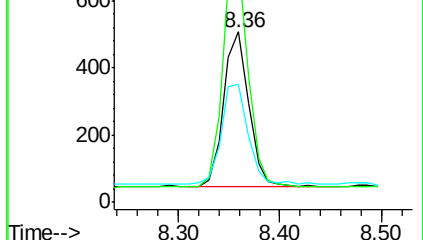
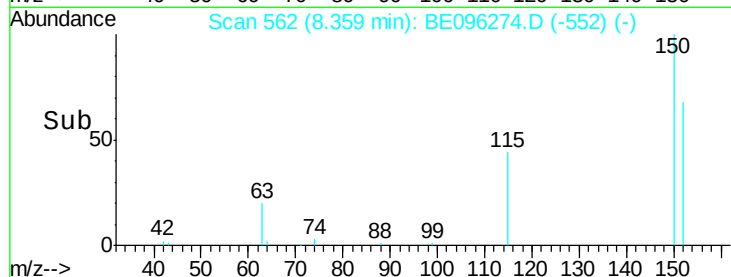
115 69.6 57.0 85.6



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: 0.312 ng

RT: 3.59 min Scan# 75

Delta R.T. -0.01 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

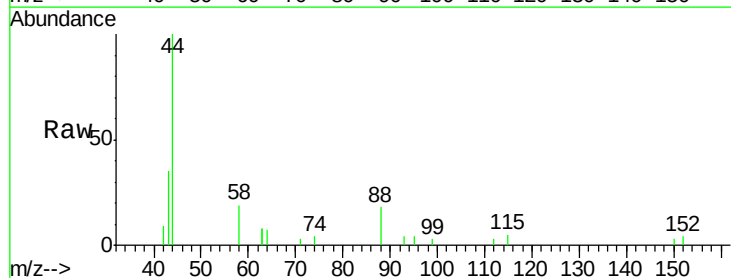
Tgt Ion: 88 Resp: 384

Ion Ratio Lower Upper

88 100

58 86.7 63.2 94.8

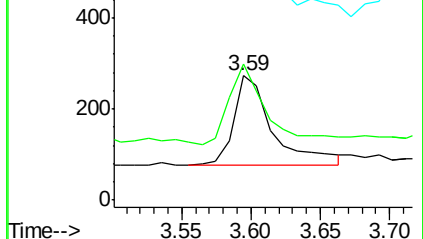
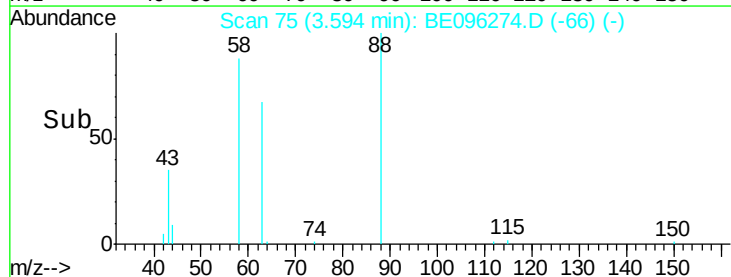
43 61.2 41.2 61.8

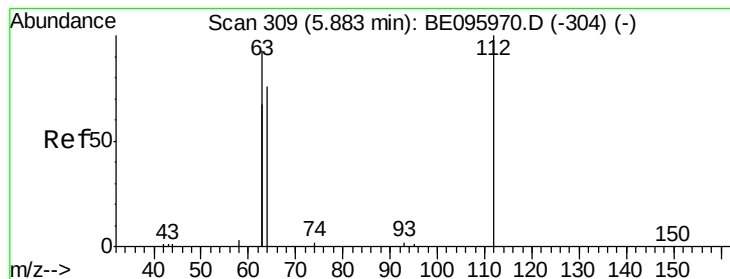


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

Instrument :

BNA_E

ClientSampleId :

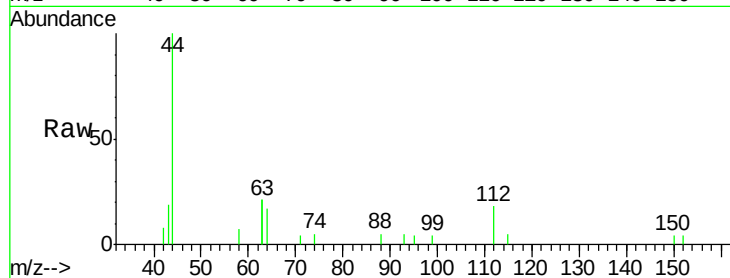
Tot Ion: 112 Resp: 331

Ion Ratio Lower Upper

112 100

64 70.7 60.1 90.1

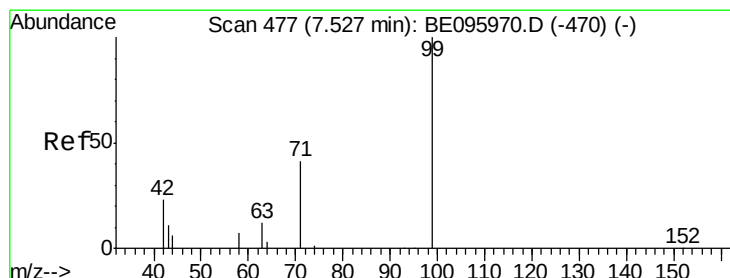
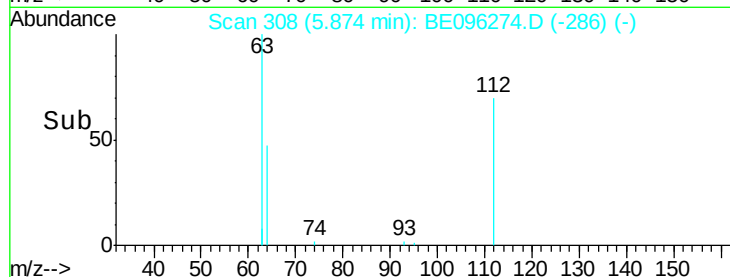
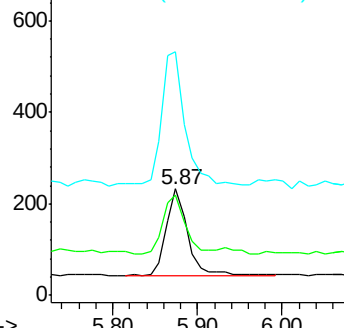
63 181.3 116.8 175.2#



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: 0.078 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

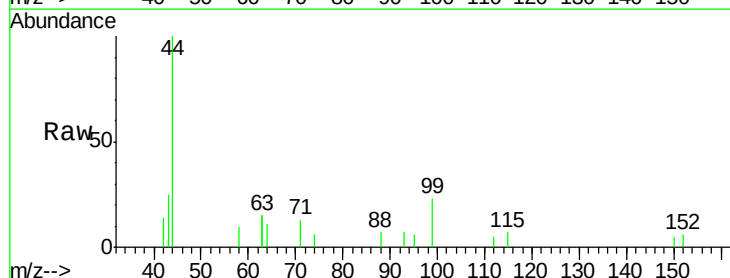
Tgt Ion: 99 Resp: 265

Ion Ratio Lower Upper

99 100

42 32.1 20.2 30.2#

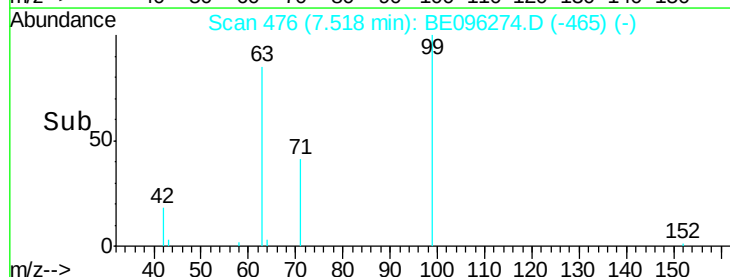
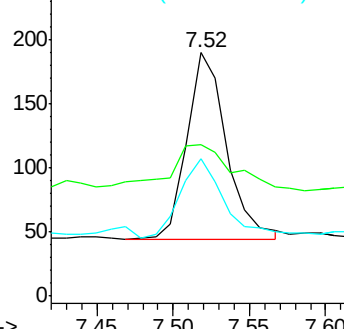
71 46.8 28.4 42.6#

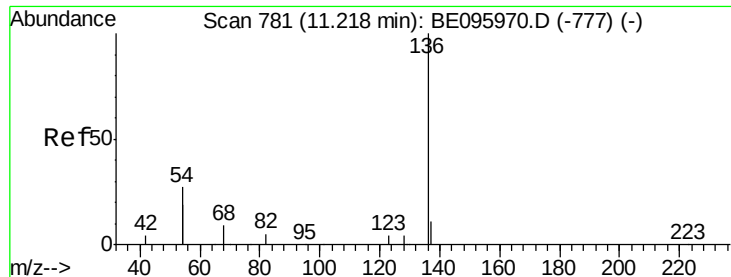


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE096274.D

Acq: 2 May 2018 1:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3025

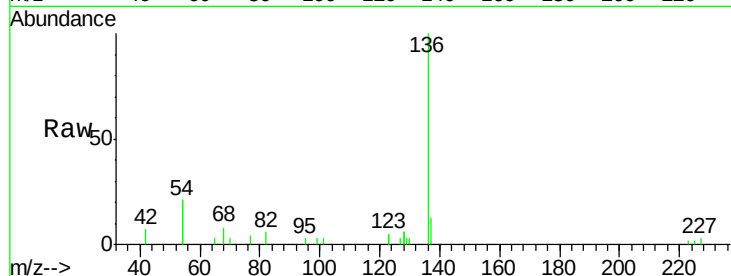
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 41.9 29.1 43.7

68 7.9 6.2 9.2

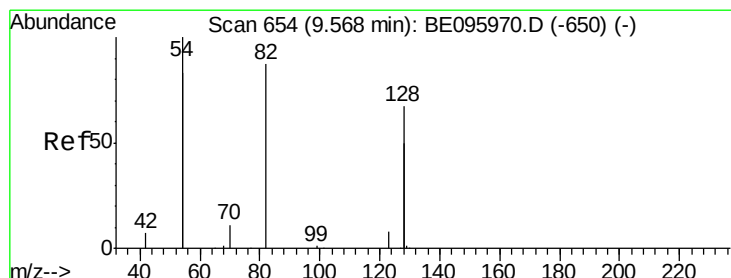
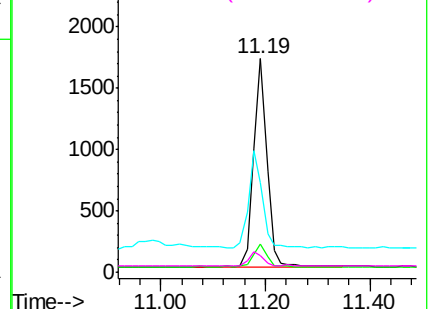
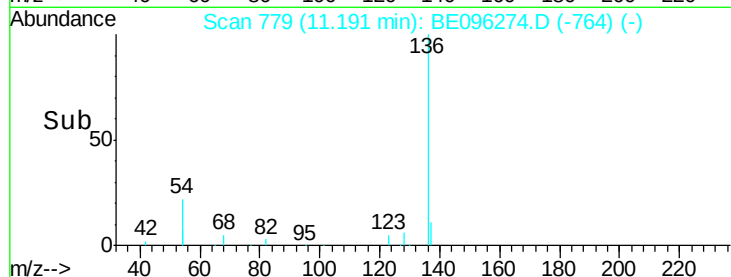


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.440 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

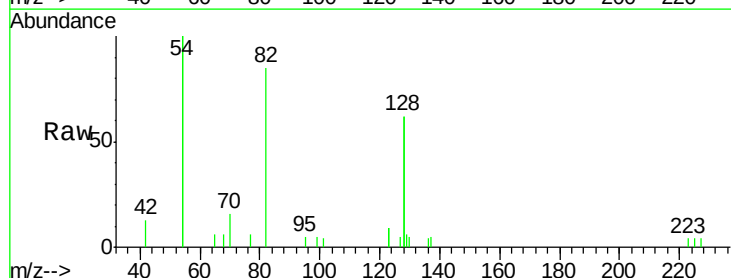
Tgt Ion: 82 Resp: 1561

Ion Ratio Lower Upper

82 100

128 144.7 150.0 225.0#

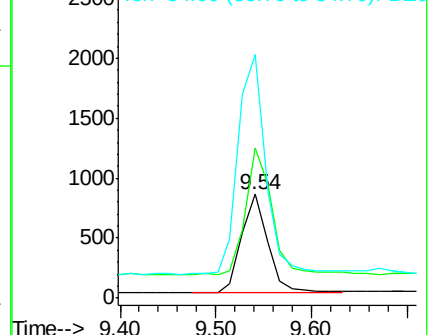
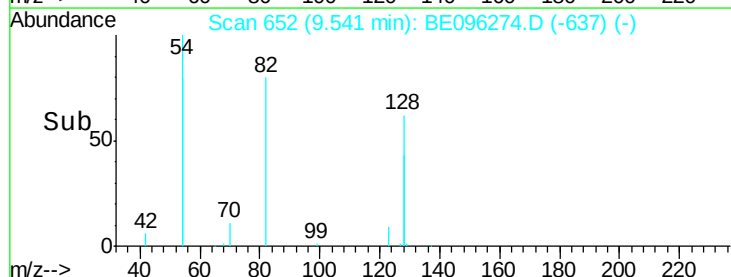
54 234.7 154.2 231.4#

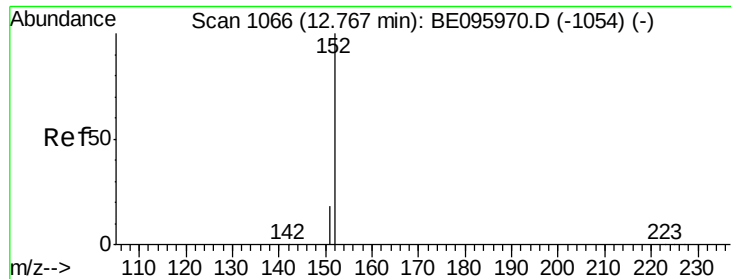


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

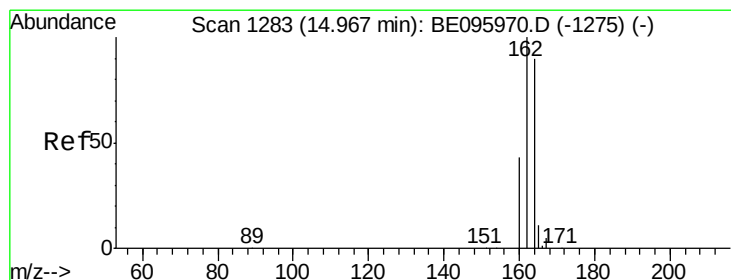
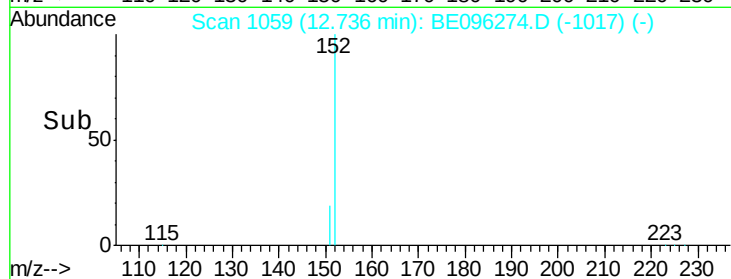
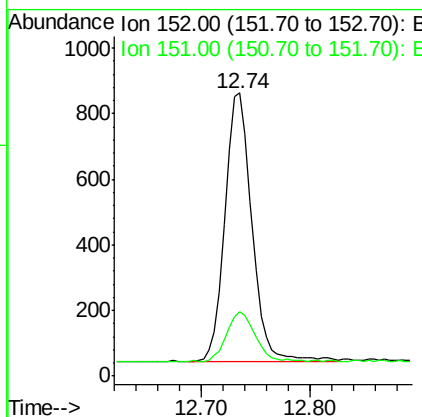
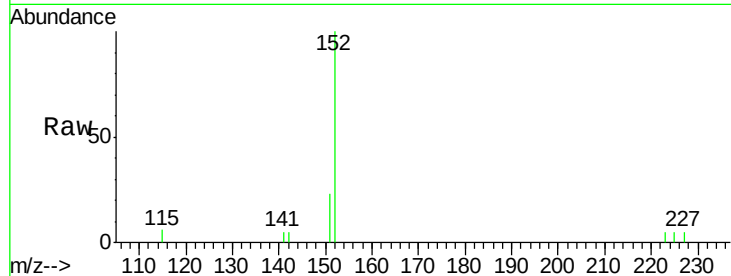




#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.74 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096274.D
Acq: 2 May 2018 1:23

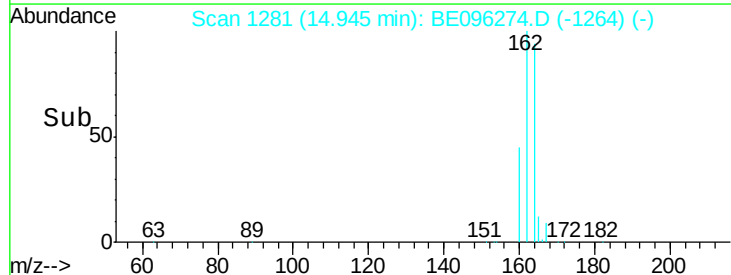
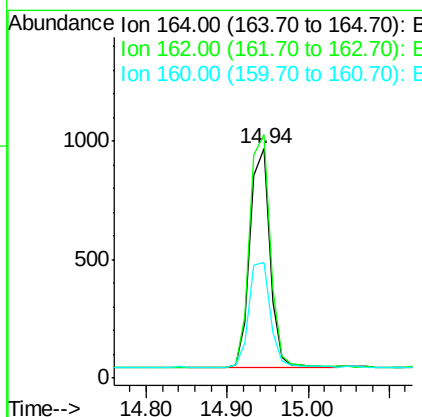
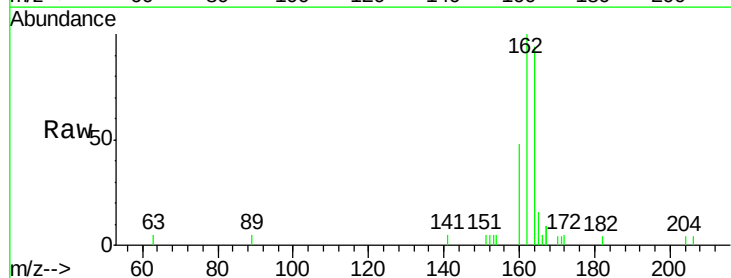
Instrument :
BNA_E
ClientSampled :

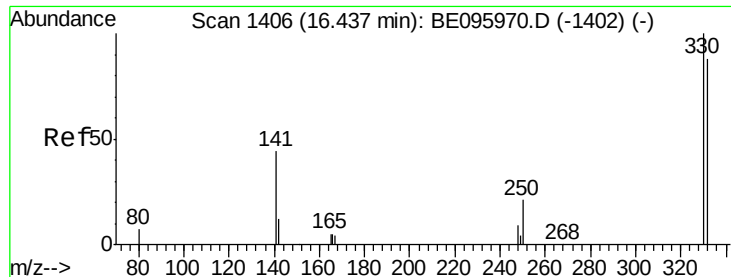
Tot Ion:152 Resp: 1379
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096274.D
Acq: 2 May 2018 1:23

Tgt Ion:164 Resp: 1595
Ion Ratio Lower Upper
164 100
162 106.3 83.1 124.7
160 50.7 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.300 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

Instrument :

BNA_E

ClientSampled :

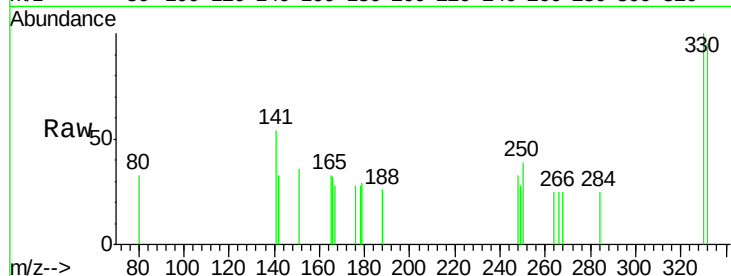
Tot Ion:330 Resp: 231

Ion Ratio Lower Upper

330 100

332 86.6 152.7 229.1#

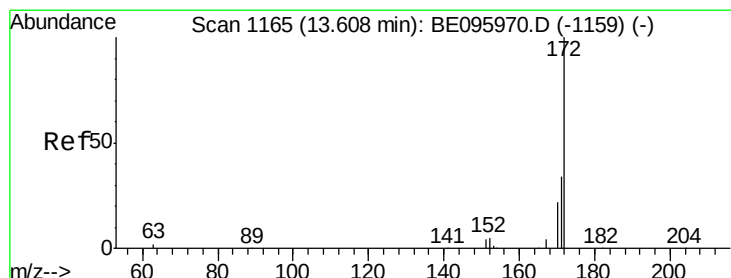
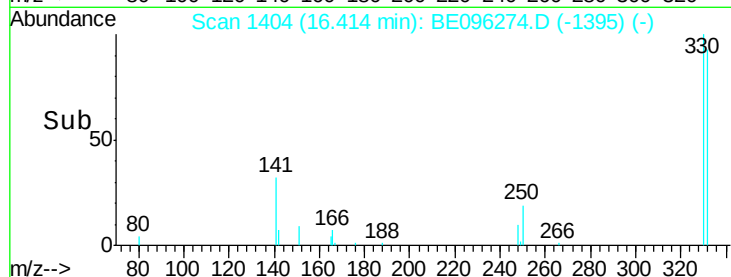
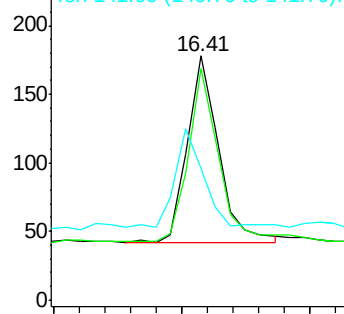
141 47.6 33.7 50.5



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: 0.505 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

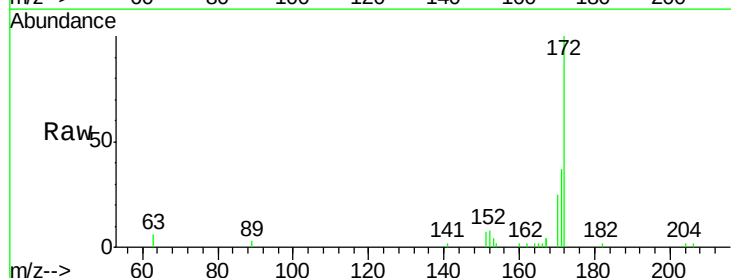
Tgt Ion:172 Resp: 3447

Ion Ratio Lower Upper

172 100

171 37.0 29.9 44.9

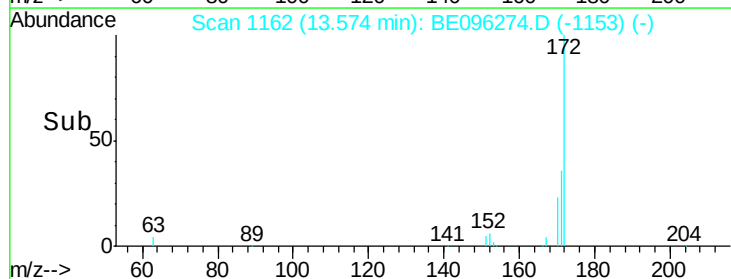
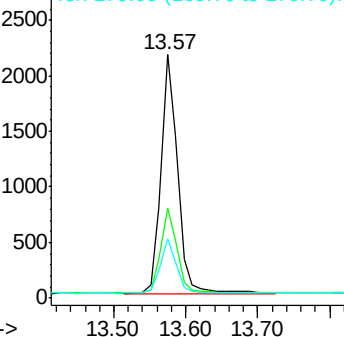
170 24.5 21.8 32.8

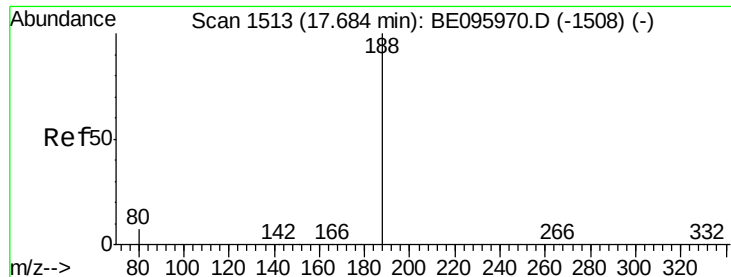


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE096274.D

Acq: 2 May 2018 1:23

Instrument :

BNA_E

ClientSampleId :

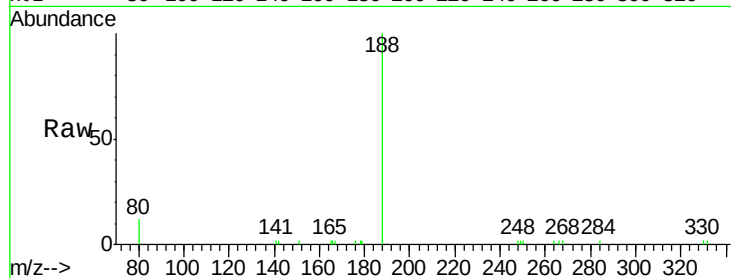
Tot Ion:188 Resp: 3905

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

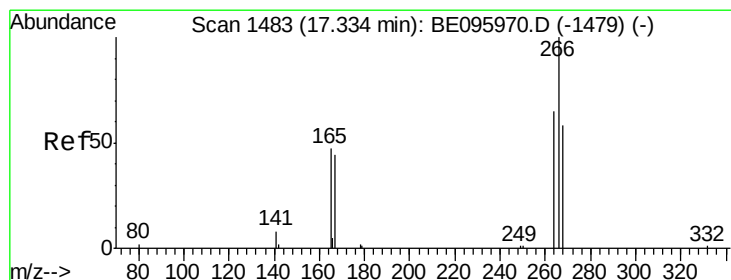
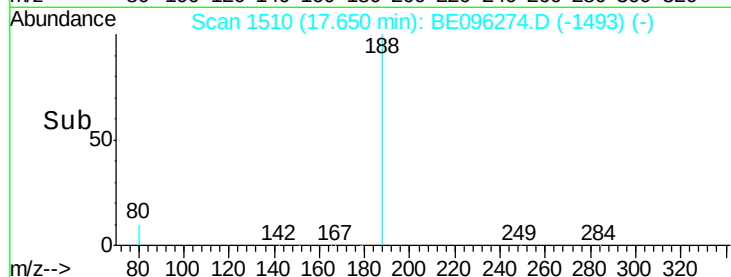
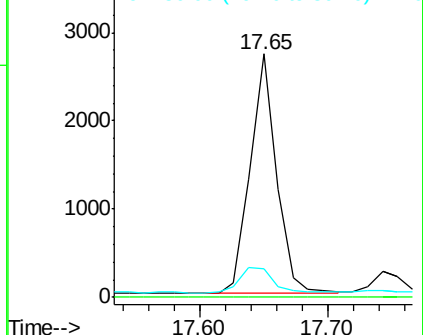
80 11.8 3.6 5.4#



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: 0.138 ng

RT: 17.30 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

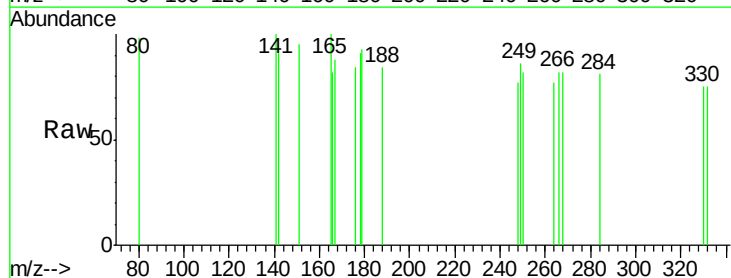
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 93.6 72.5 108.7

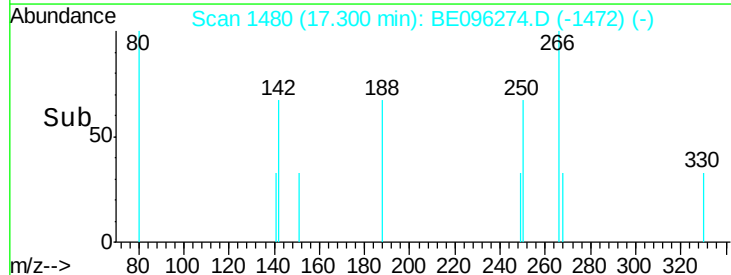
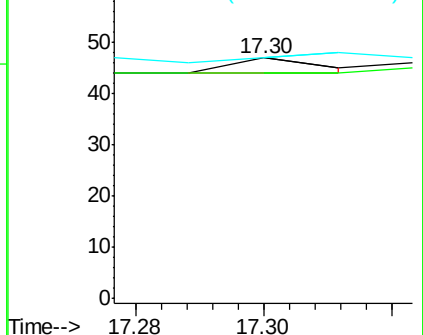
268 100.0 73.8 110.6

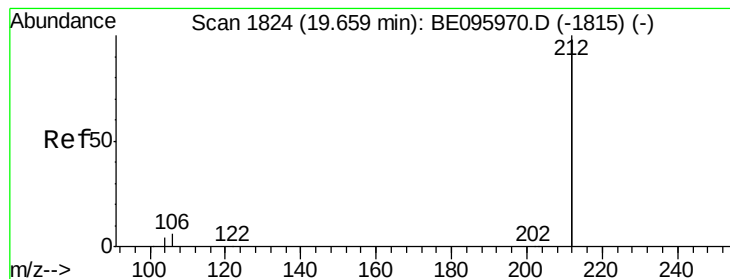


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.291 ng

RT: 19.64 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

Instrument :

BNA_E

ClientSampleId :

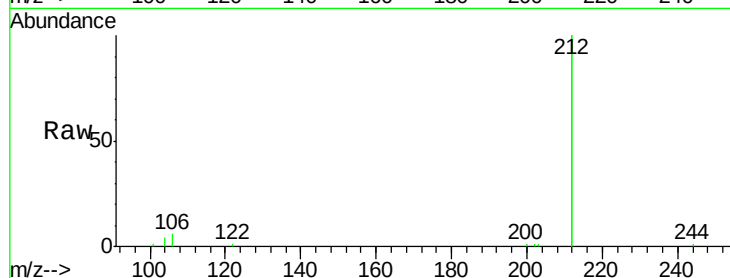
Tot Ion:212 Resp: 15406

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

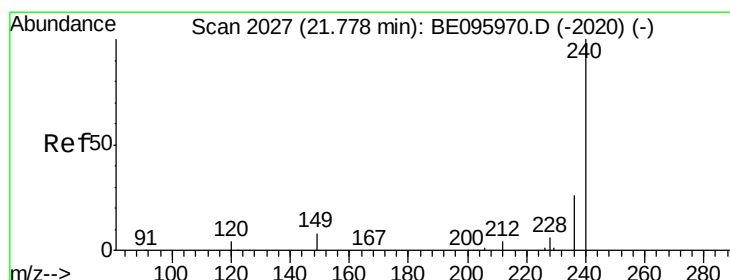
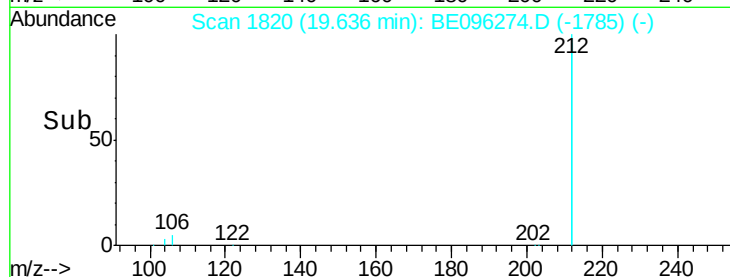
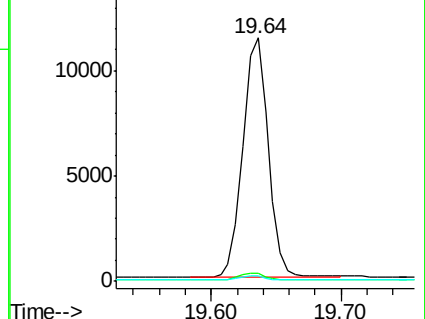
104 1.7 1.6 2.4



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# 2024

Delta R.T. -0.00 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

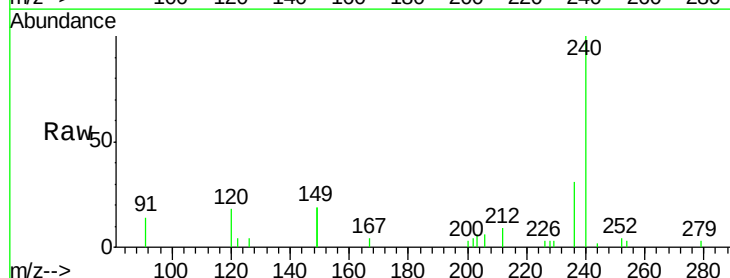
Tgt Ion:240 Resp: 3917

Ion Ratio Lower Upper

240 100

120 17.8 5.5 8.3#

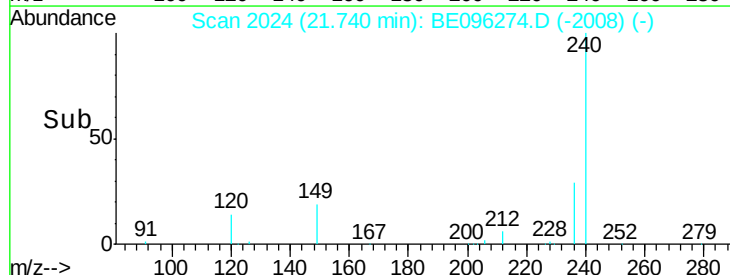
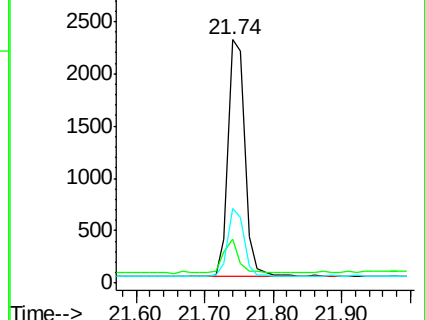
236 30.5 20.7 31.1

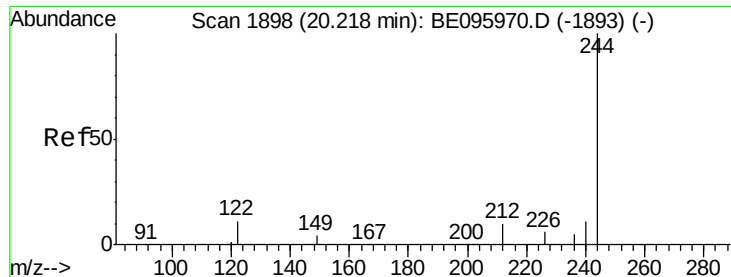


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.462 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

Instrument :

BNA_E

ClientSampleId :

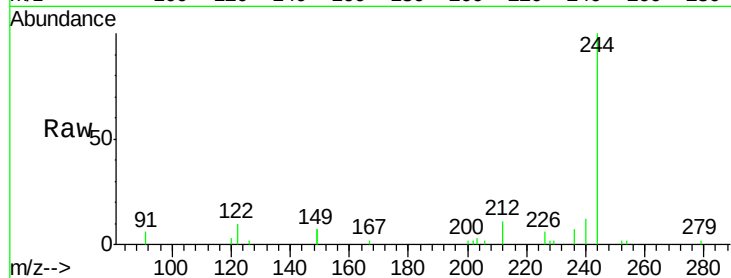
Tot Ion:244 Resp: 4002

Ion Ratio Lower Upper

244 100

212 10.9 25.4 38.0#

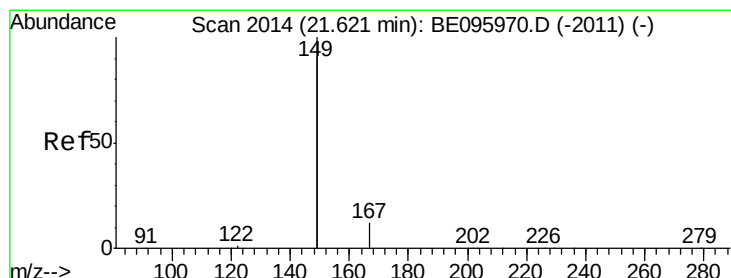
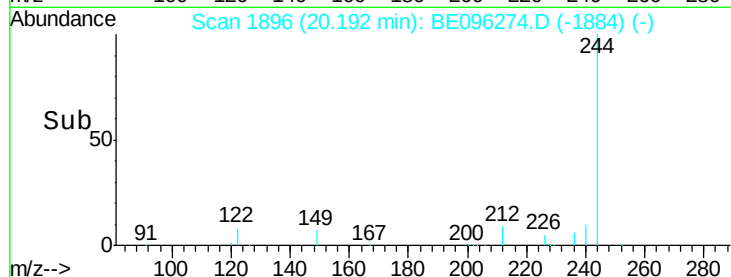
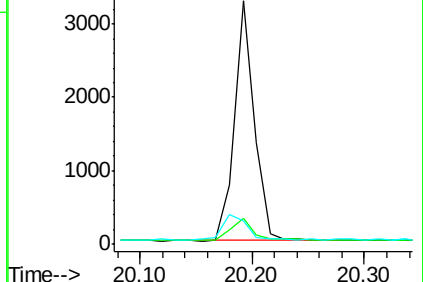
122 9.8 8.1 12.1



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: 0.026 ng

RT: 21.59 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

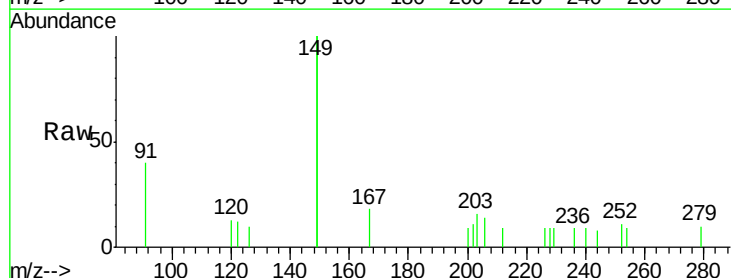
Tgt Ion:149 Resp: 854

Ion Ratio Lower Upper

149 100

167 8.3 5.4 8.0#

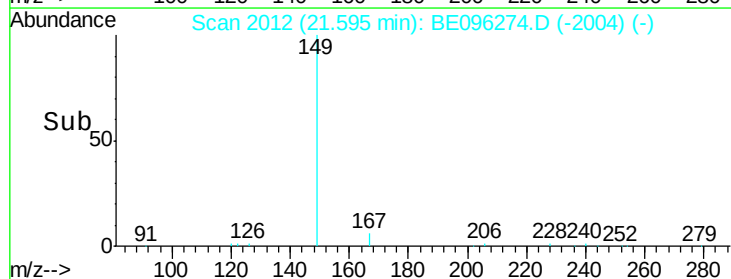
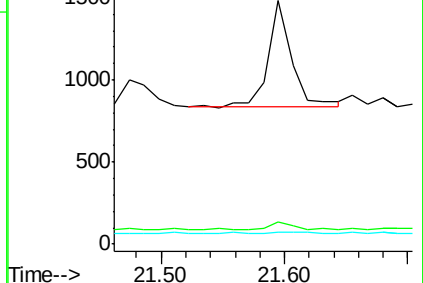
279 0.0 0.7 1.1#

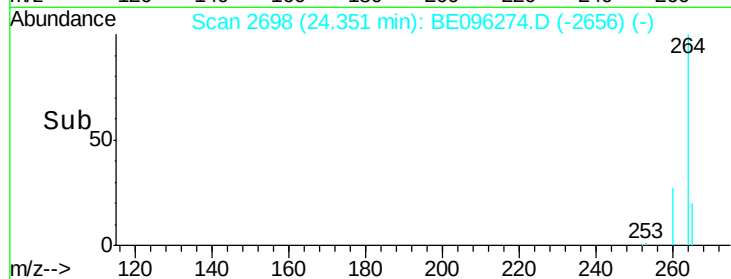
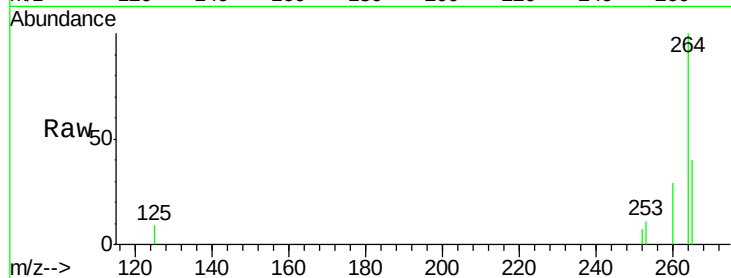
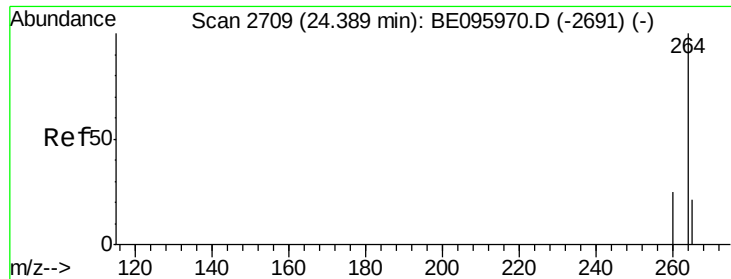


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2698

Delta R.T. -0.00 min

Lab File: BE096274.D

Acq: 2 May 2018 1:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 2960

Ion Ratio Lower Upper

264 100

260 29.4 20.5 30.7

265 40.4 22.8 34.2

