

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051618\
 Data File : BE096590.D
 Acq On : 16 May 2018 11:24
 Operator : SJ/JU
 Sample : PB108645BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 17 03:53:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

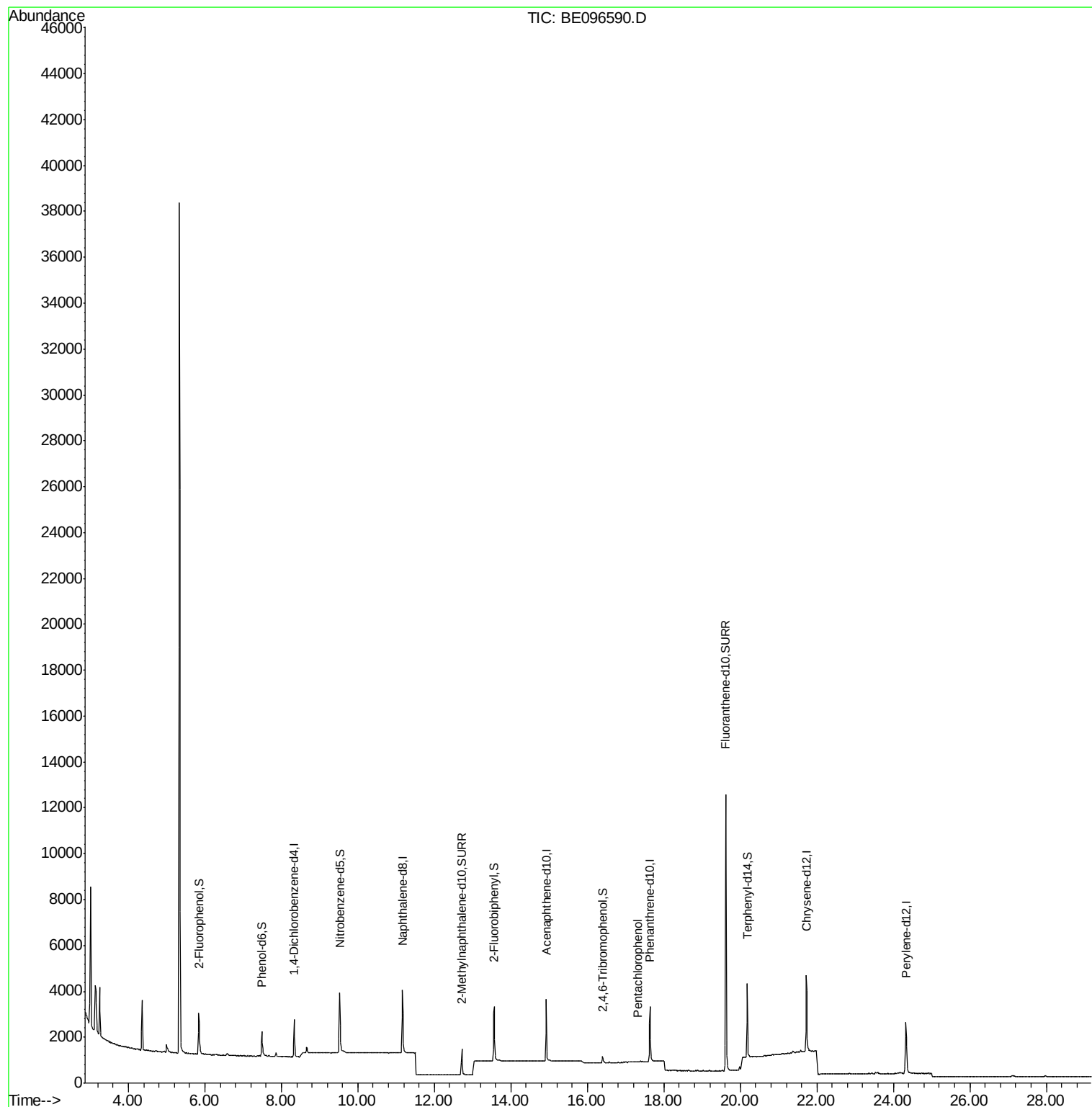
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	872	0.40	ng	0.00
7) Naphthalene-d8	11.16	136	3173	0.40	ng	-0.01
13) Acenaphthene-d10	14.92	164	1602	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3645	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3772	0.40	ng	0.00
34) Perylene-d12	24.33	264	3599	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.84	112	965	0.40	ng	-0.01
5) Phenol-d6	7.50	99	1191	0.35	ng	0.00
8) Nitrobenzene-d5	9.53	82	1288	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1752	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	190	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2628	0.38	ng	0.00
25) Fluoranthene-d10	19.62	212	16496	0.37	ng	0.00
29) Terphenyl-d14	20.18	244	3072	0.36	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.32	266	3	0.186	ng	Qvalue 94

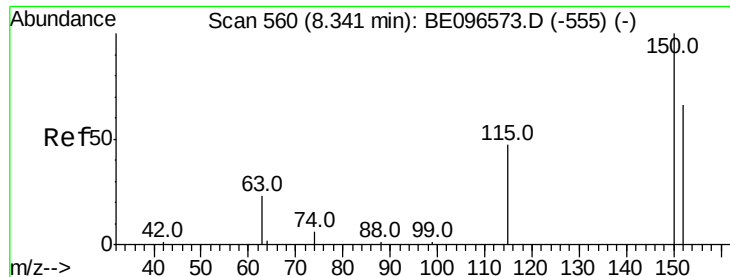
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 15 13:02:03 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.34 min Scan# 560

Delta R.T. -0.00 min

Lab File: BE096590.D

Acq: 16 May 2018 11:24

Instrument :

BNA_E

ClientSampleId :

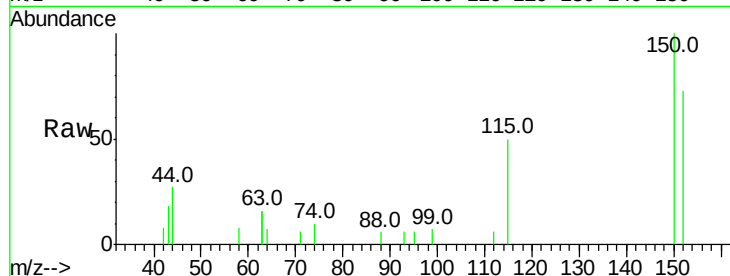
Tot Ion:152 Resp: 872

Ion Ratio Lower Upper

152 100

150 137.6 117.2 175.8

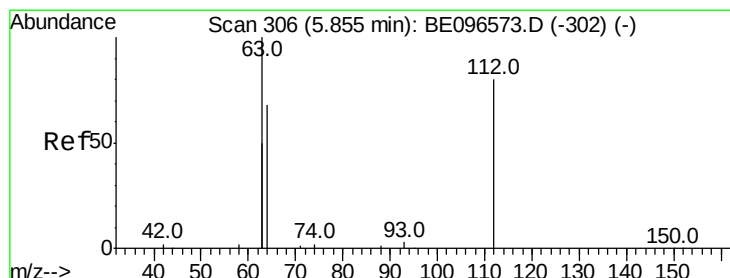
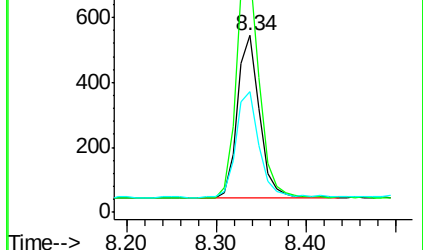
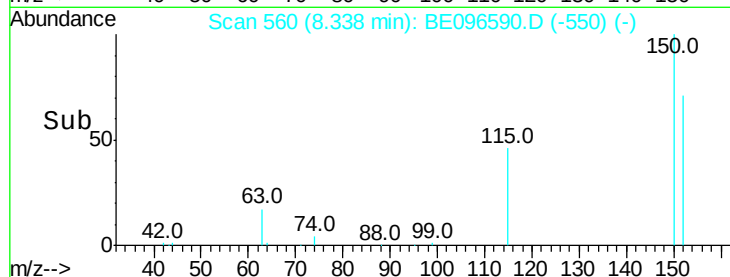
115 68.4 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.401 ng

RT: 5.84 min Scan# 305

Delta R.T. -0.01 min

Lab File: BE096590.D

Acq: 16 May 2018 11:24

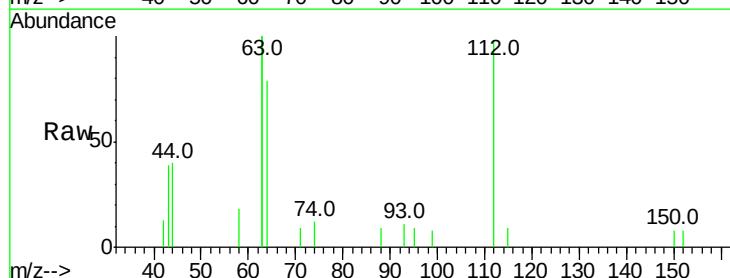
Tgt Ion:112 Resp: 965

Ion Ratio Lower Upper

112 100

64 73.5 60.1 90.1

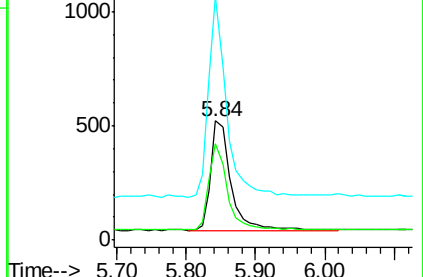
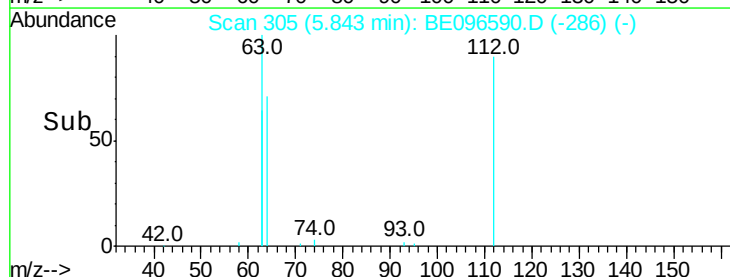
63 164.1 116.8 175.2

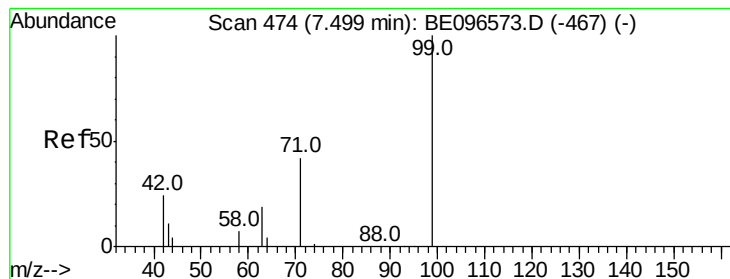


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.350 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096590.D

Acq: 16 May 2018 11:24

Instrument :

BNA_E

ClientSampleId :

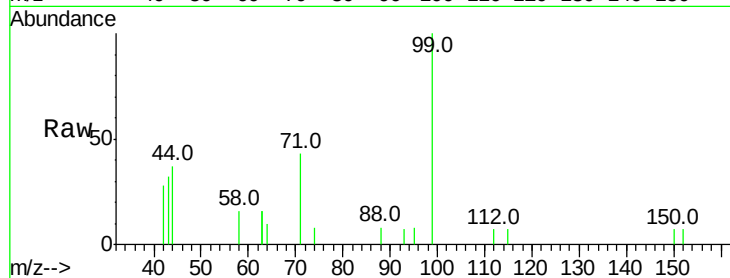
Tot Ion: 99 Resp: 1191

Ion Ratio Lower Upper

99 100

42 27.1 20.2 30.2

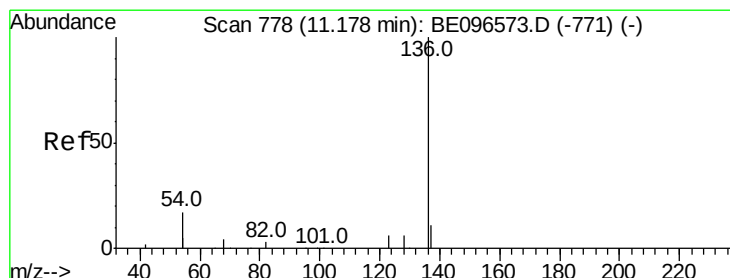
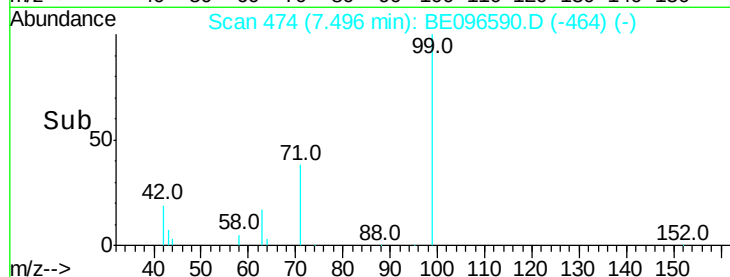
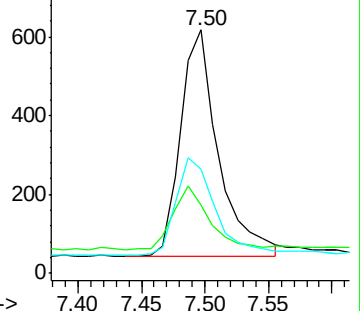
71 44.6 28.4 42.6#



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: 11.16 min Scan# 777

Delta R.T. -0.01 min

Lab File: BE096590.D

Acq: 16 May 2018 11:24

Tgt Ion: 136 Resp: 3173

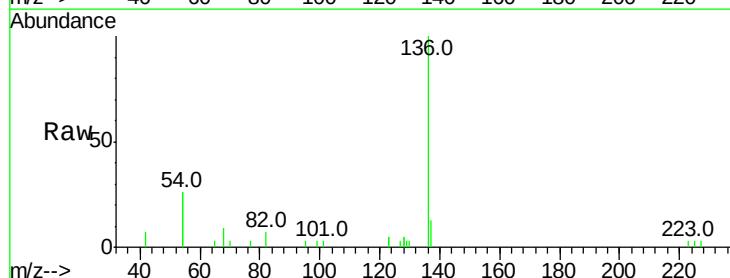
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 51.7 29.1 43.7#

68 9.0 6.2 9.2

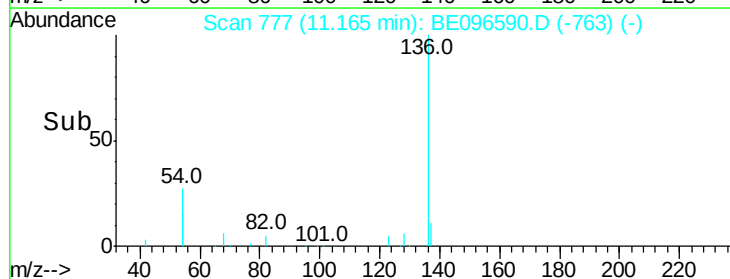
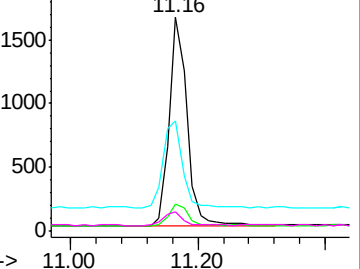


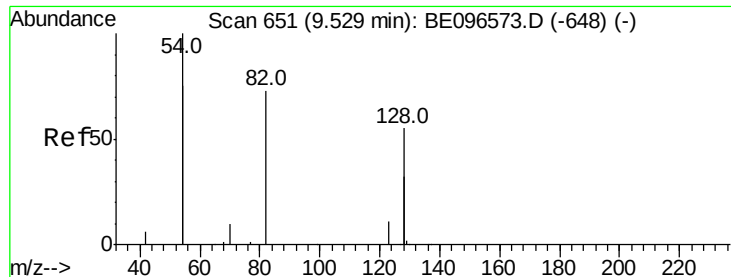
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.382 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE096590.D

Acq: 16 May 2018 11:24

Instrument :

BNA_E

ClientSampleId :

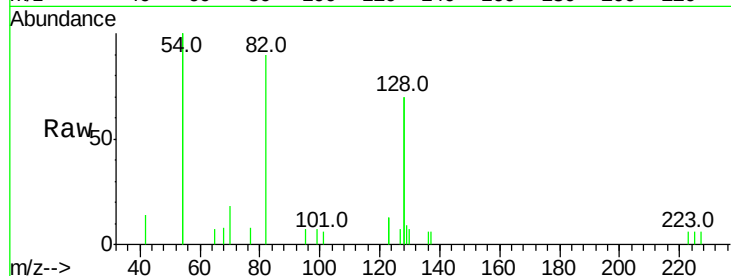
Tot Ion: 82 Resp: 1288

Ion Ratio Lower Upper

82 100

128 156.4 150.0 225.0

54 223.4 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE096590.D (-636) (-)

Ion 128.00 (127.70 to 128.70): BE096590.D (-636) (-)

Ion 54.00 (53.70 to 54.70): BE096590.D (-636) (-)

2000

1500

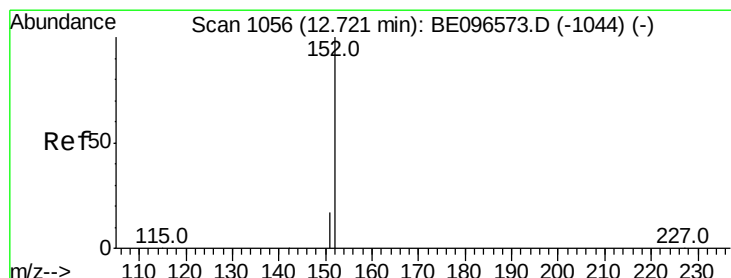
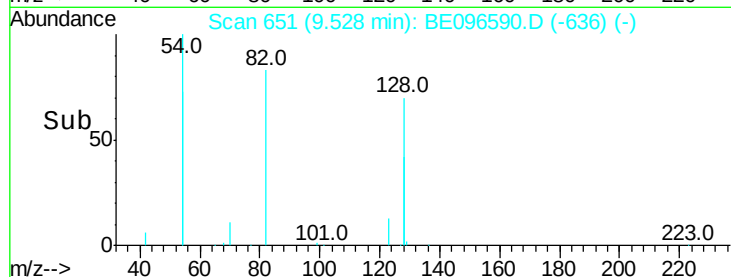
1000

500

0

9.40 9.50 9.60

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.338 ng

RT: 12.72 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE096590.D

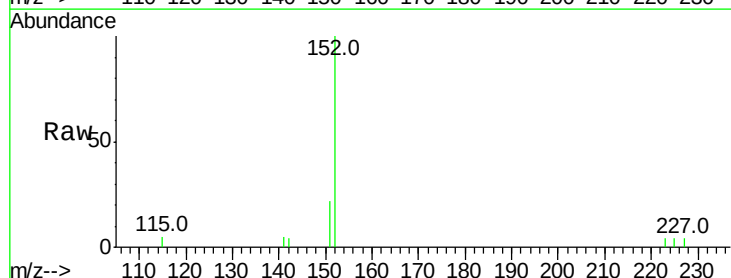
Acq: 16 May 2018 11:24

Tgt Ion: 152 Resp: 1752

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE096590.D (-1014) (-)

Ion 151.00 (150.70 to 151.70): BE096590.D (-1014) (-)

1200

1000

800

600

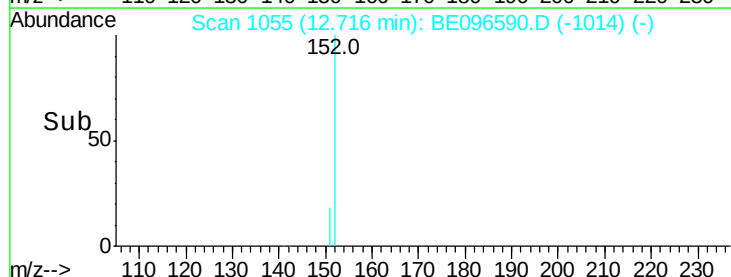
400

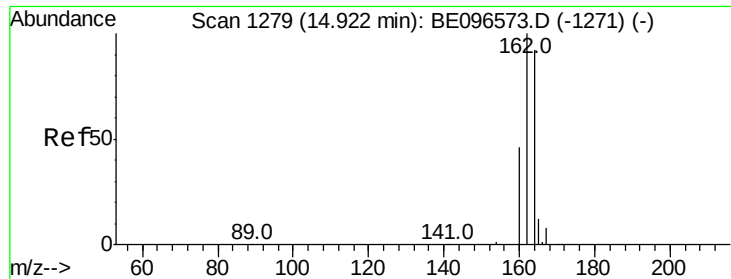
200

0

12.60 12.70 12.80 12.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.92 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BE096590.D

Acq: 16 May 2018 11:24

Instrument :

BNA_E

ClientSampled :

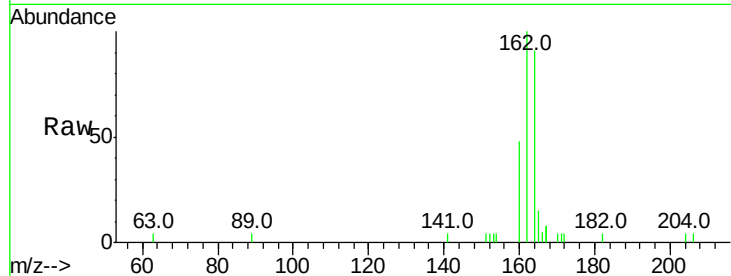
Tot Ion:164 Resp: 1602

Ion Ratio Lower Upper

164 100

162 110.0 83.1 124.7

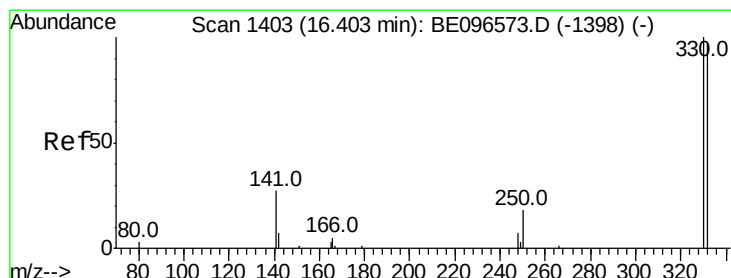
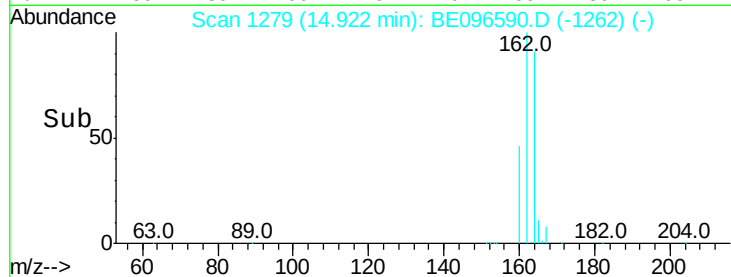
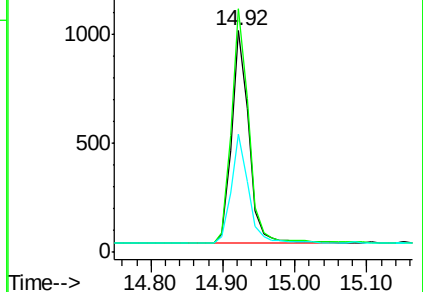
160 53.2 37.1 55.7



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

2,4,6-Tribromophenol

Concen: 0.300 ng

RT: 16.40 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE096590.D

Acq: 16 May 2018 11:24

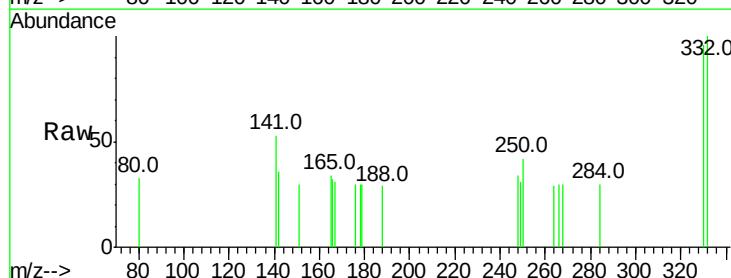
Tgt Ion:330 Resp: 190

Ion Ratio Lower Upper

330 100

332 105.3 152.7 229.1#

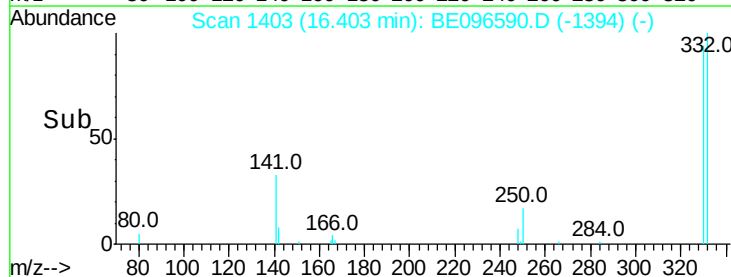
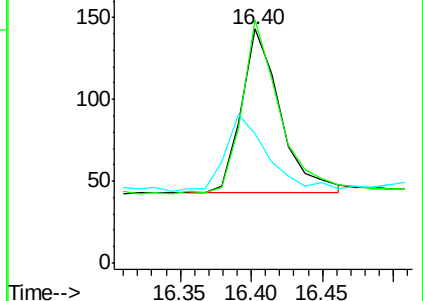
141 51.1 33.7 50.5#

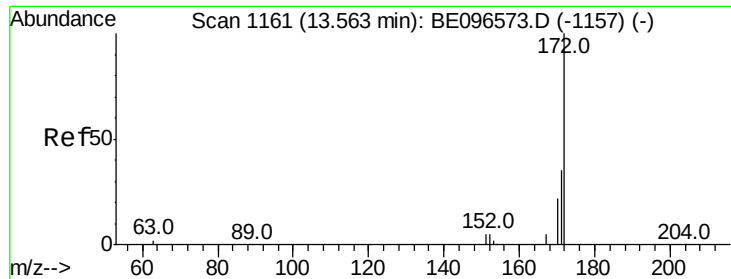


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

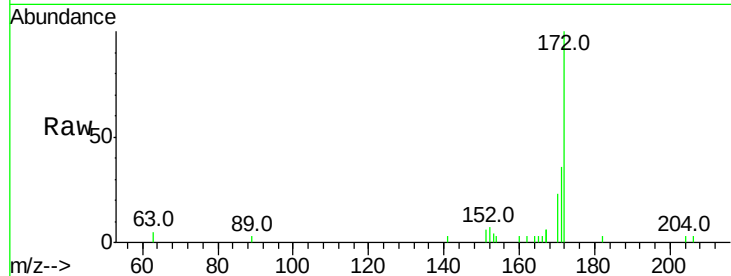




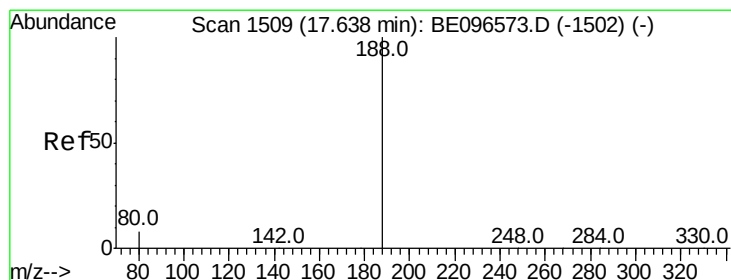
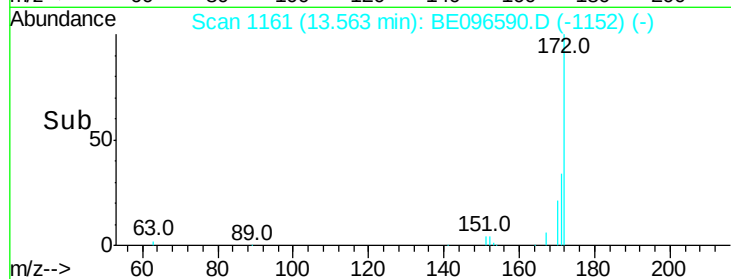
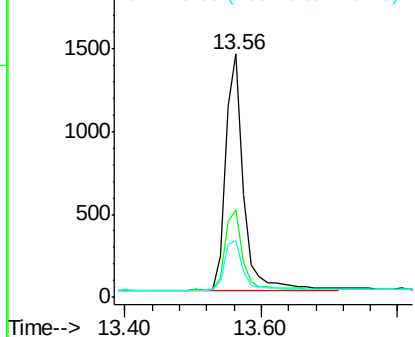
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096590.D
Acq: 16 May 2018 11:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2628
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 23.4 21.8 32.8

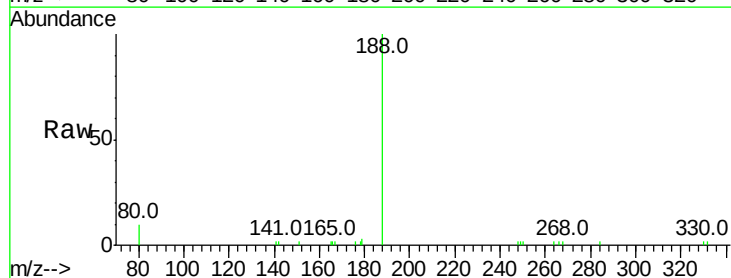


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

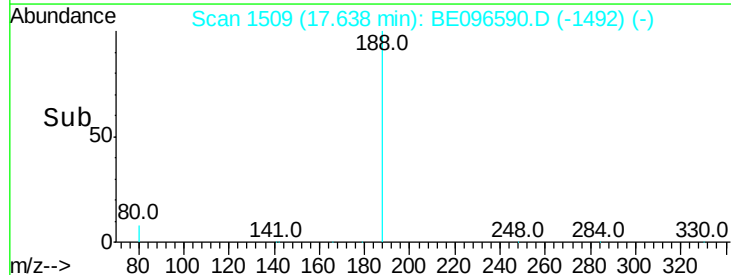
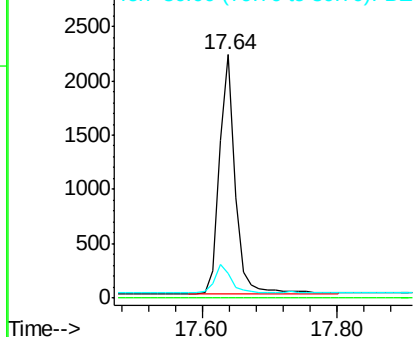


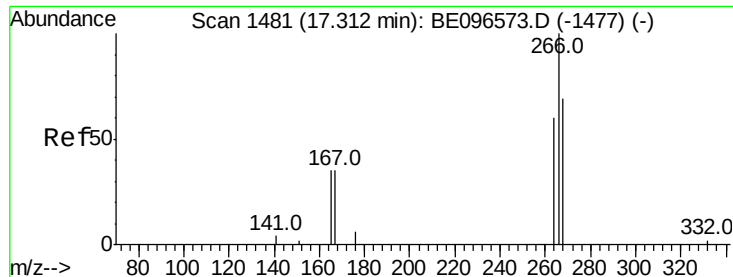
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096590.D
Acq: 16 May 2018 11:24

Tgt Ion:188 Resp: 3645
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.0 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

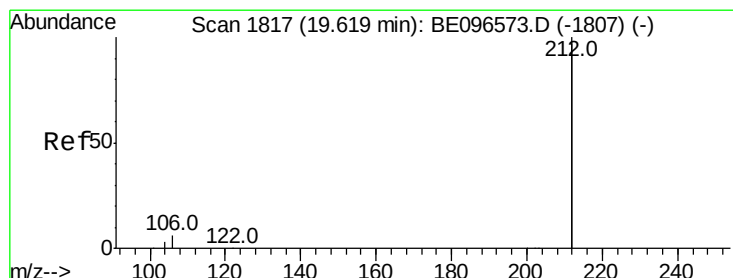
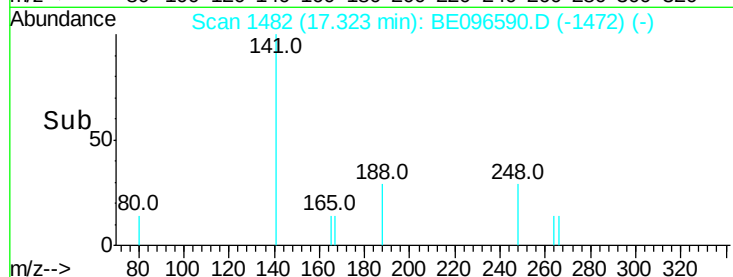
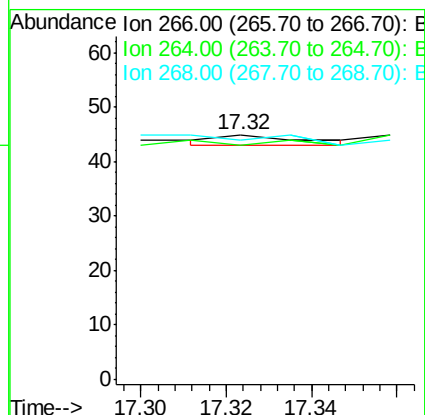
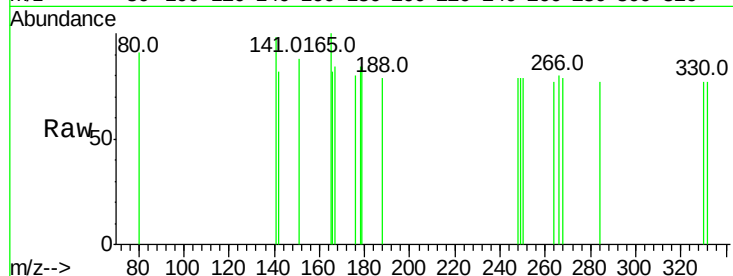




#22
 Pentachlorophenol
 Concen: 0.186 ng
 RT: 17.32 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BE096590.D
 Acq: 16 May 2018 11:24

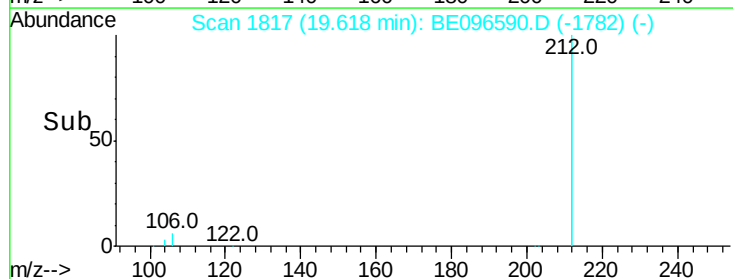
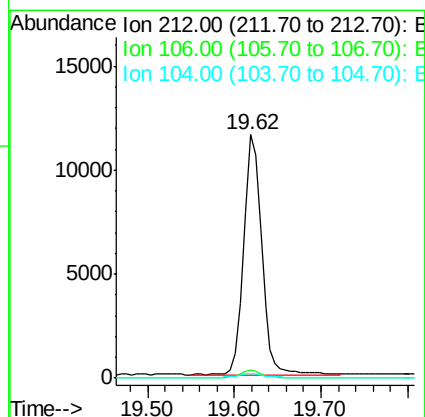
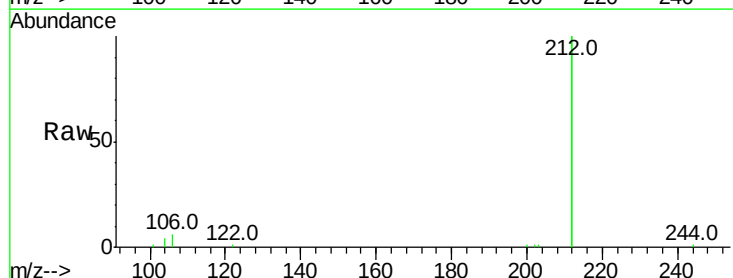
Instrument :
 BNA_E
 ClientSampleId :

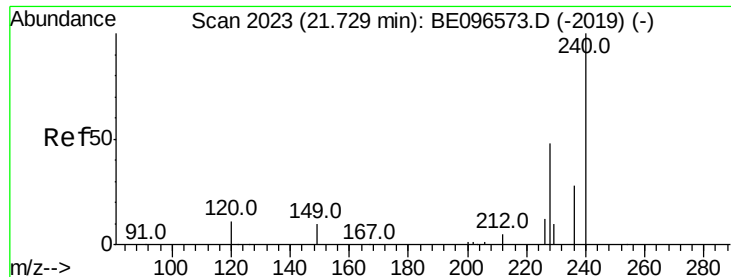
Tot Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 95.6 72.5 108.7
 268 97.8 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.370 ng
 RT: 19.62 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BE096590.D
 Acq: 16 May 2018 11:24

Tgt Ion:212 Resp: 16496
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.8 4.2
 104 1.6 1.6 2.4#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096590.D

Acq: 16 May 2018 11:24

Instrument :

BNA_E

ClientSampled :

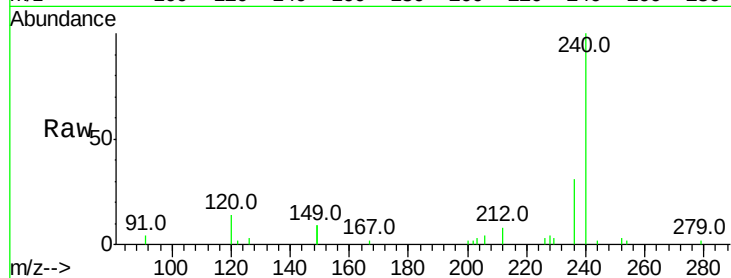
Tot Ion:240 Resp: 3772

Ion Ratio Lower Upper

240 100

120 14.3 5.5 8.3#

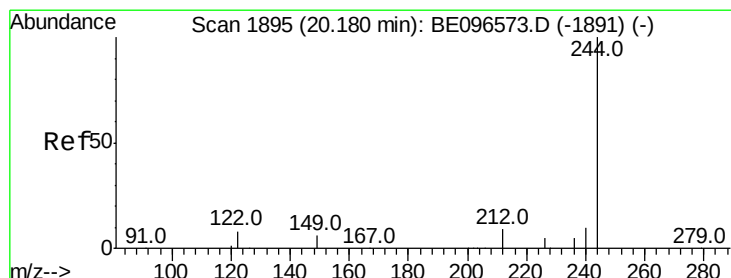
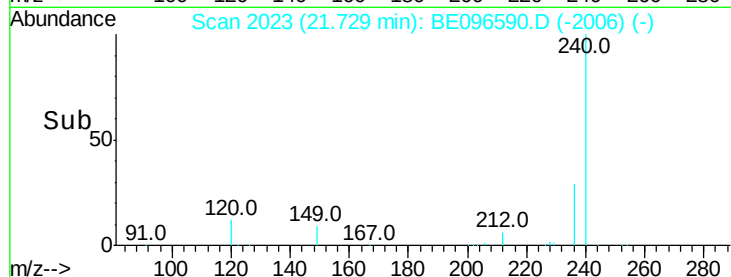
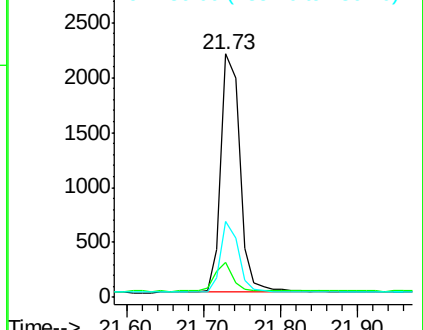
236 30.9 20.7 31.1



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: 0.360 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096590.D

Acq: 16 May 2018 11:24

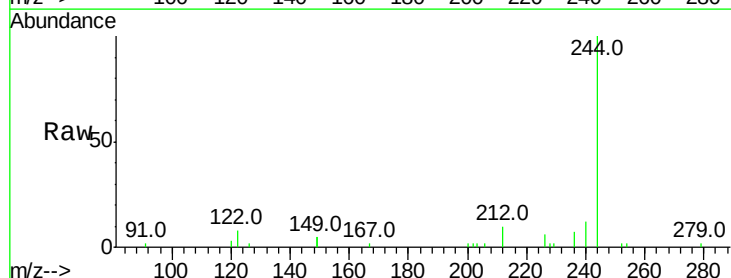
Tgt Ion:244 Resp: 3072

Ion Ratio Lower Upper

244 100

212 9.9 25.4 38.0#

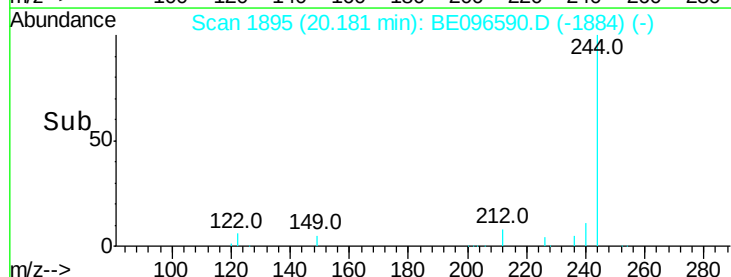
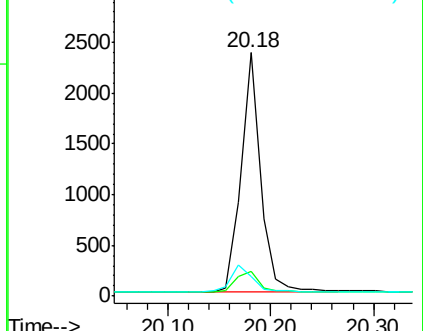
122 8.1 8.1 12.1#

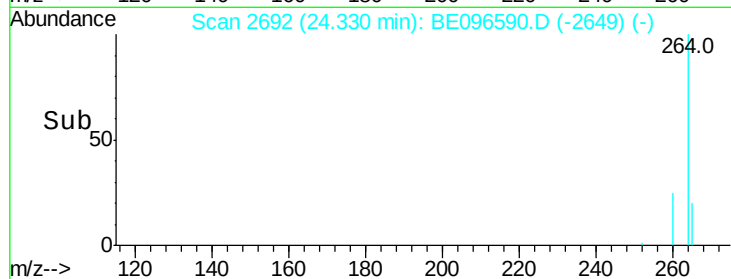
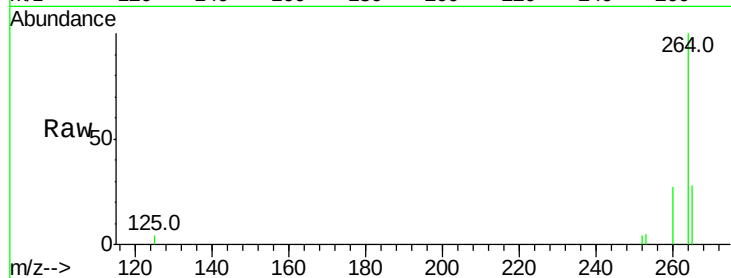
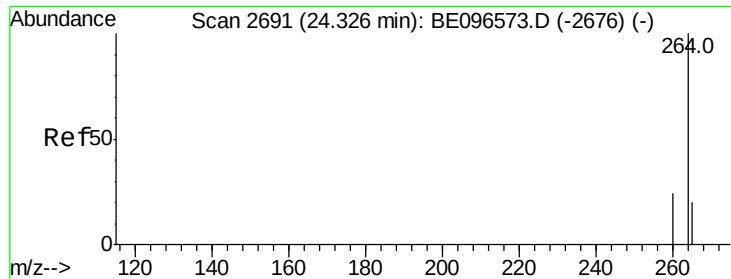


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.33 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BE096590.D

Acq: 16 May 2018 11:24

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 3599

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 28.0 22.8 34.2

