

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096291.D
 Acq On : 2 May 2018 12:14
 Operator : SJ/JU
 Sample : PB108661BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 03 01:48:41 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

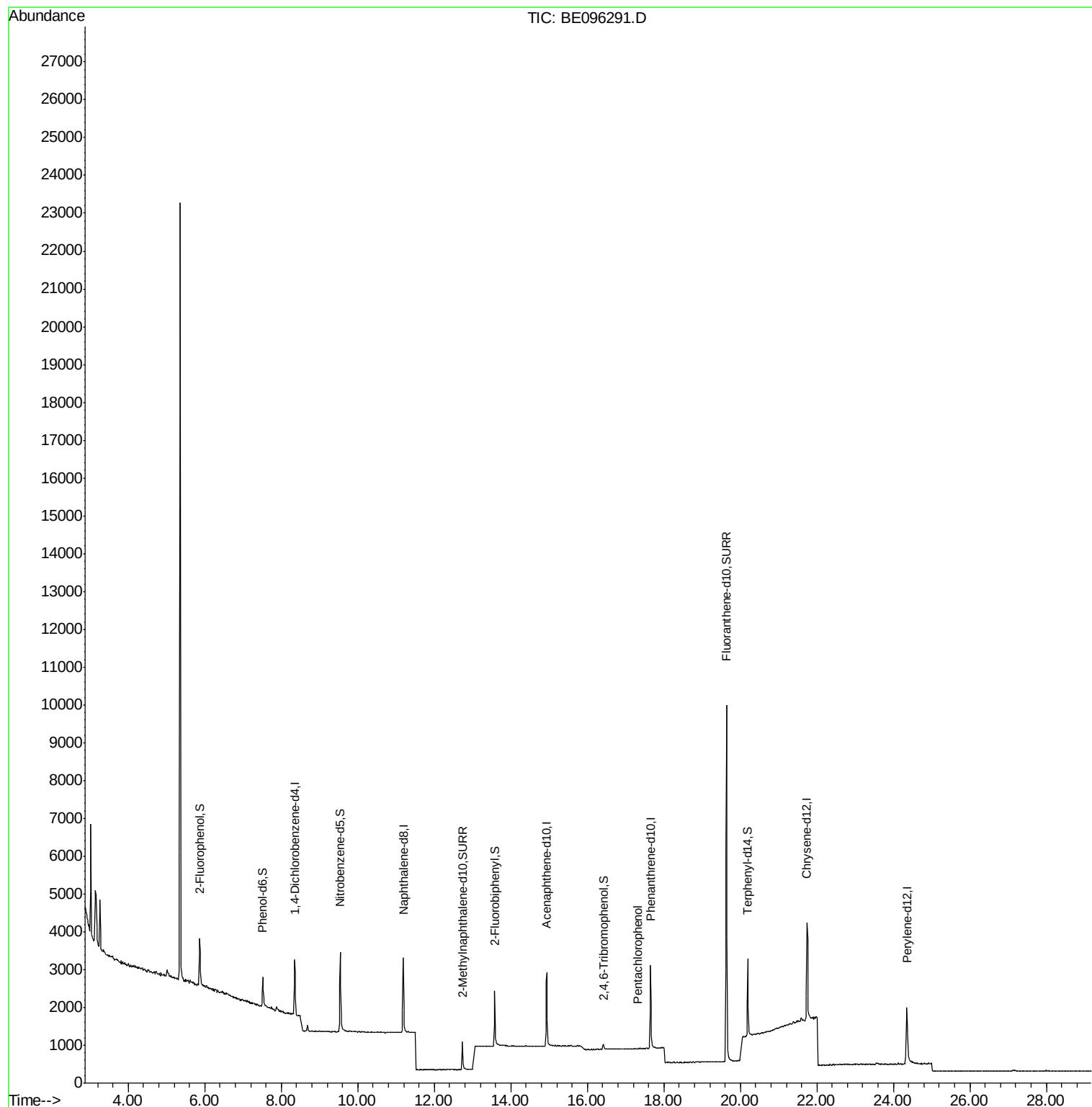
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	743	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2595	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1319	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3264	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3291	0.40	ng	0.00
34) Perylene-d12	24.35	264	2860	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	643	0.28	ng	0.00
5) Phenol-d6	7.52	99	810	0.26	ng	0.01
8) Nitrobenzene-d5	9.54	82	957	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1181	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.43	330	103	0.16	ng	0.01
15) 2-Fluorobiphenyl	13.57	172	1786	0.32	ng	0.00
25) Fluoranthene-d10	19.64	212	13608	0.31	ng	0.00
29) Terphenyl-d14	20.19	244	2089	0.29	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.31	266	4	0.140	ng	Qvalue 92

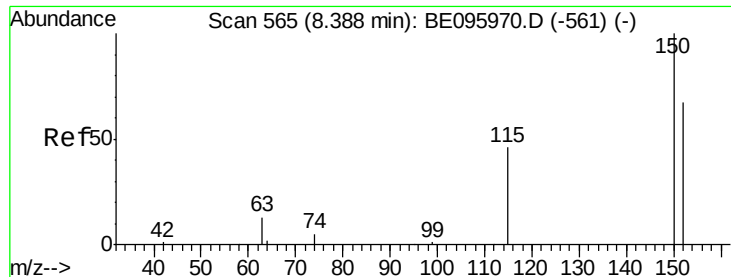
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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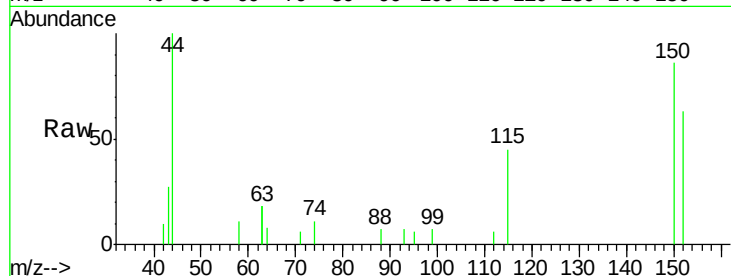


#1

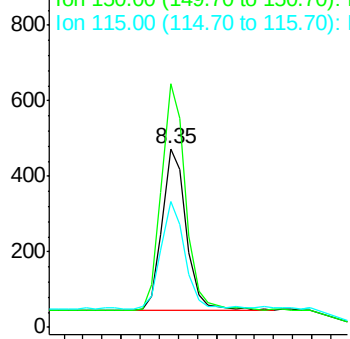
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. -0.01 min
Lab File: BE096291.D
Acq: 2 May 2018 12:14

Instrument :
BNA_E
ClientSampleId :

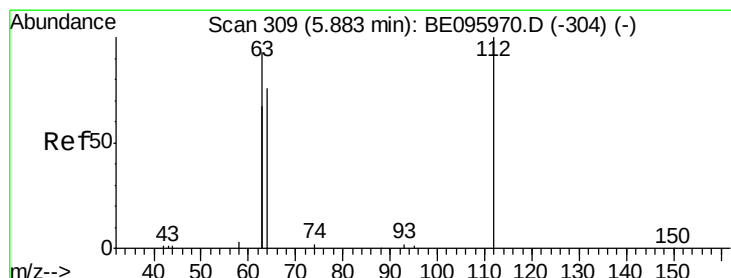
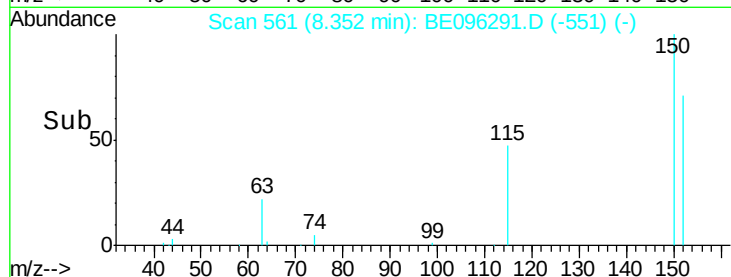
Tot Ion:152 Resp: 743
Ion Ratio Lower Upper
152 100
150 136.1 117.2 175.8
115 70.5 57.0 85.6



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



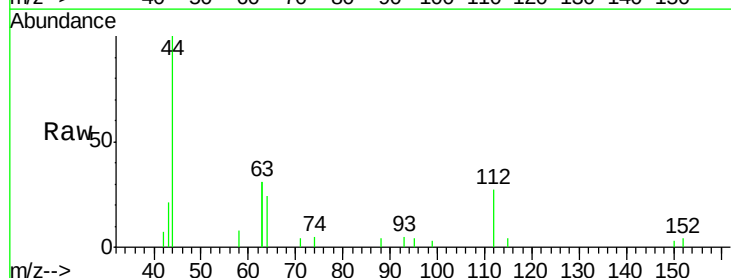
Time-->



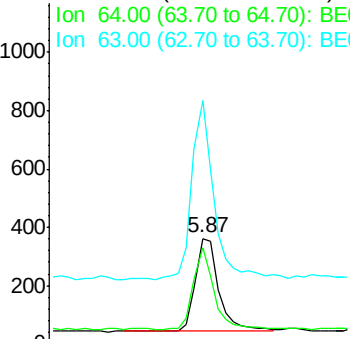
#4

2-Fluorophenol
Concen: 0.280 ng
RT: 5.87 min Scan# 307
Delta R.T. 0.00 min
Lab File: BE096291.D
Acq: 2 May 2018 12:14

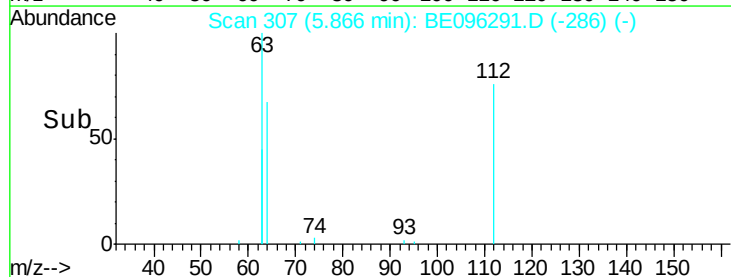
Tgt Ion:112 Resp: 643
Ion Ratio Lower Upper
112 100
64 77.1 60.1 90.1
63 179.5 116.8 175.2#

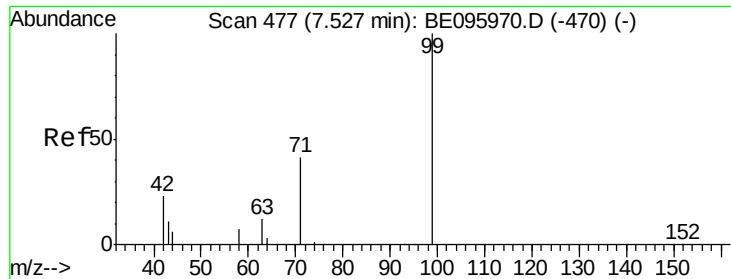


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.255 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096291.D

Acq: 2 May 2018 12:14

Instrument :

BNA_E

ClientSampleId :

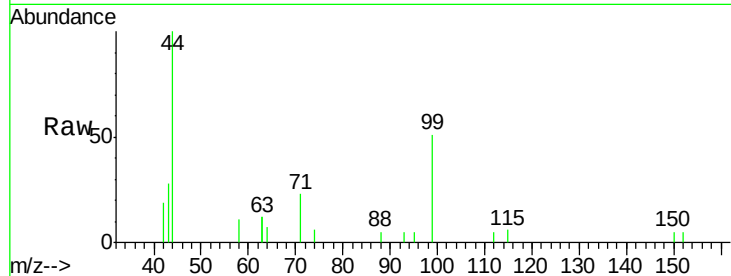
Tot Ion: 99 Resp: 810

Ion Ratio Lower Upper

99 100

42 28.5 20.2 30.2

71 43.8 28.4 42.6#

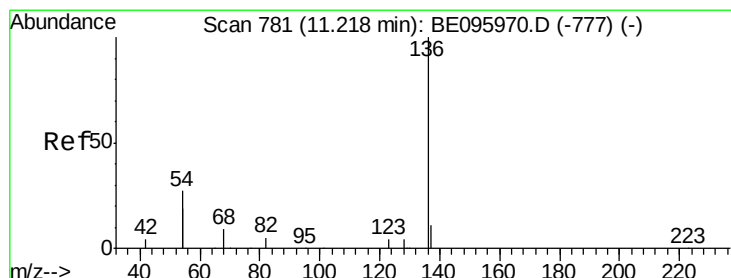
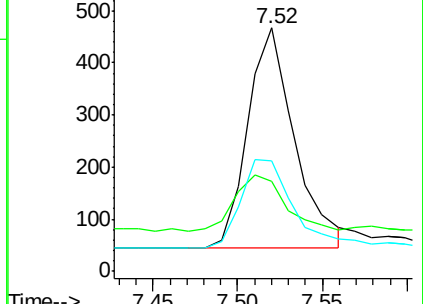
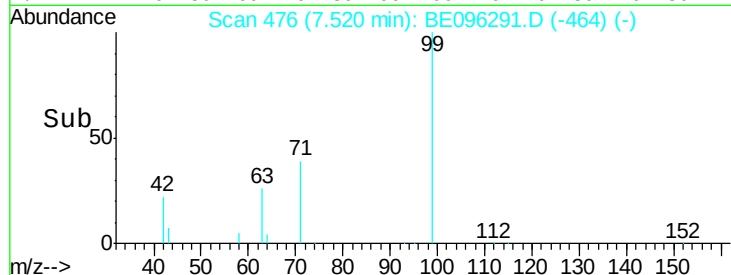


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096291.D

Acq: 2 May 2018 12:14

Tgt Ion: 136 Resp: 2595

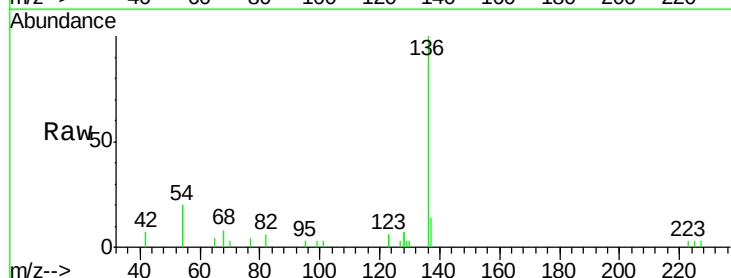
Ion Ratio Lower Upper

136 100

137 14.4 9.5 14.3#

54 39.2 29.1 43.7

68 8.1 6.2 9.2



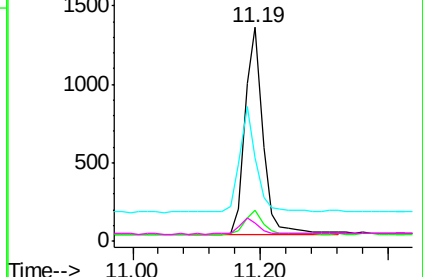
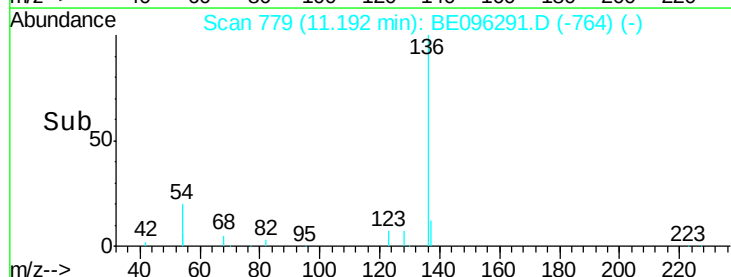
Abundance Ion 136.00 (135.70 to 136.70): E

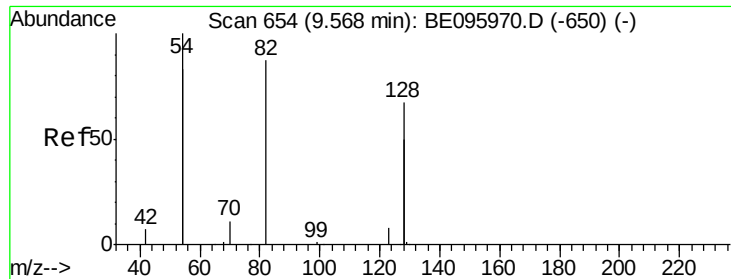
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096291.D

Acq: 2 May 2018 12:14

Instrument :

BNA_E

ClientSampleId :

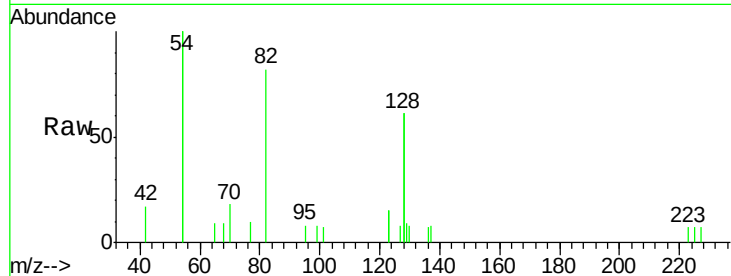
Tot Ion: 82 Resp: 957

Ion Ratio Lower Upper

82 100

128 148.0 150.0 225.0#

54 243.5 154.2 231.4#

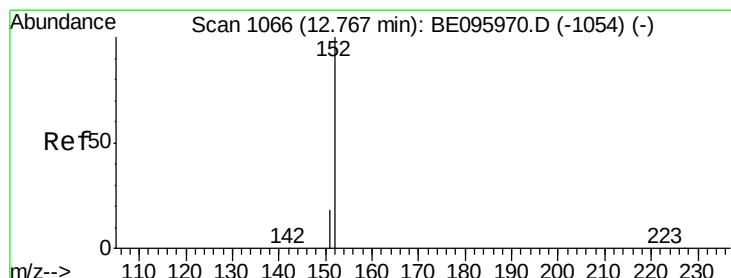
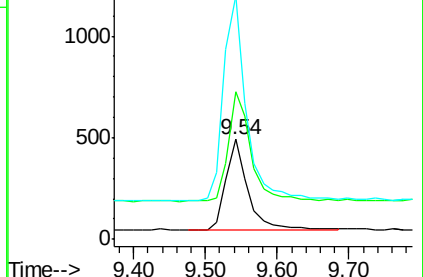
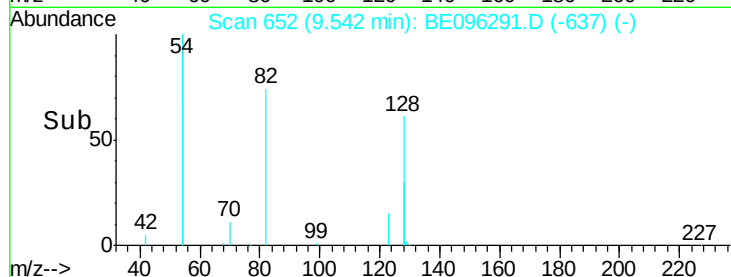


Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.287 ng

RT: 12.73 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096291.D

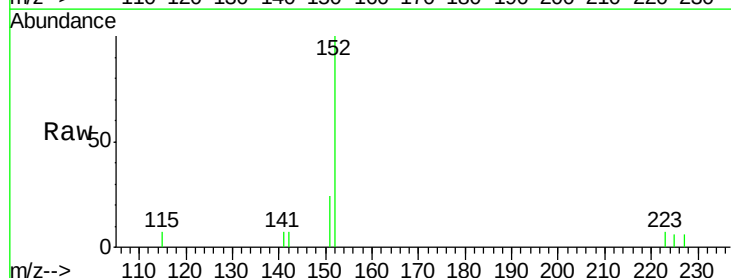
Acq: 2 May 2018 12:14

Tgt Ion: 152 Resp: 1181

Ion Ratio Lower Upper

152 100

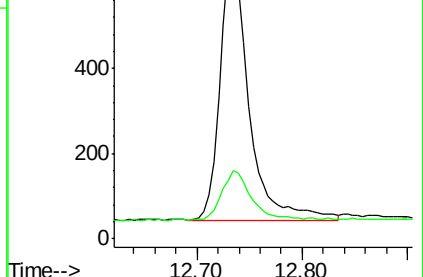
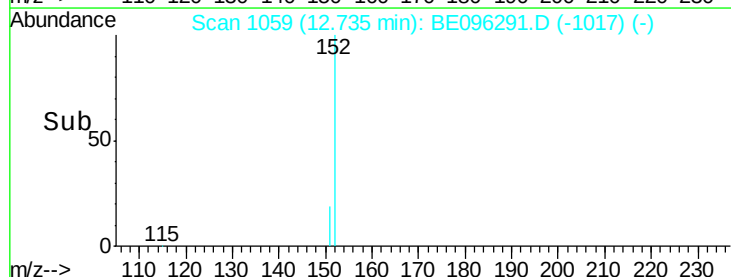
151 19.0 15.4 23.0

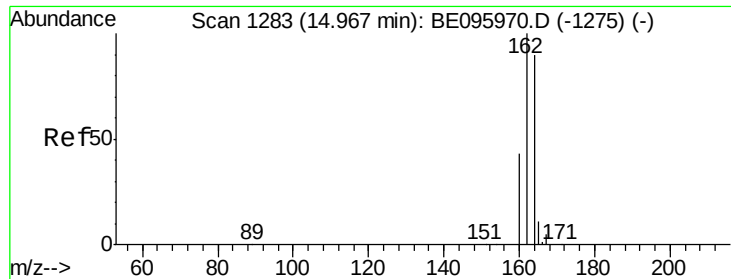


Abundance Ion 152.00 (151.70 to 152.70): BE095970.D (-1054) (-)

Ion 151.00 (150.70 to 151.70): BE095970.D (-1054) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BE096291.D

Acq: 2 May 2018 12:14

Instrument :

BNA_E

ClientSampleId :

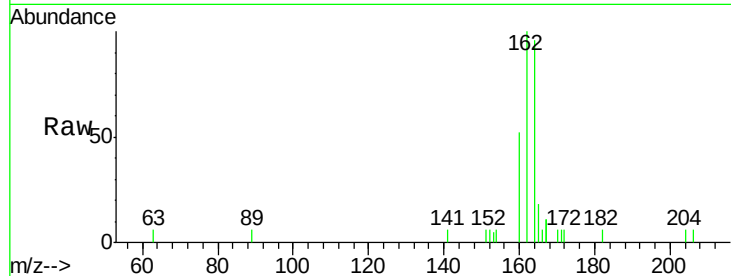
Tot Ion:164 Resp: 1319

Ion Ratio Lower Upper

164 100

162 104.5 83.1 124.7

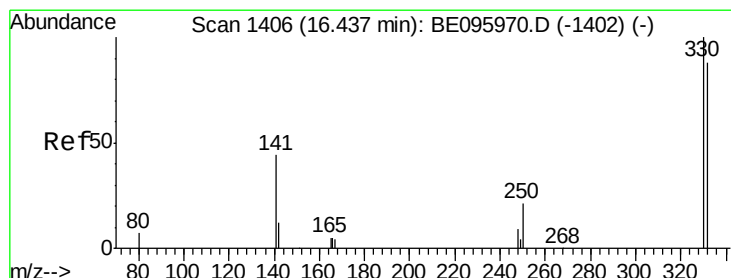
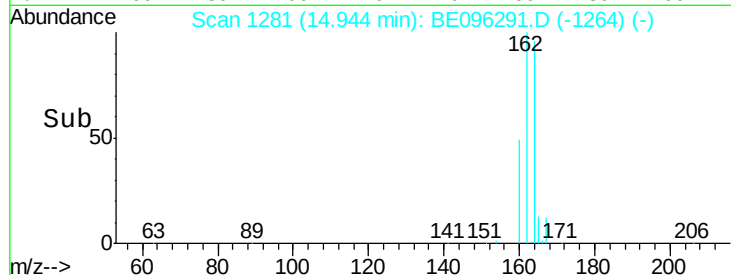
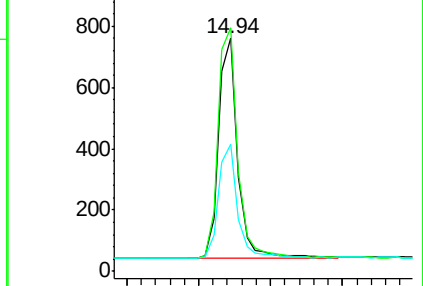
160 54.3 37.1 55.7



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: 0.162 ng

RT: 16.43 min Scan# 1405

Delta R.T. 0.01 min

Lab File: BE096291.D

Acq: 2 May 2018 12:14

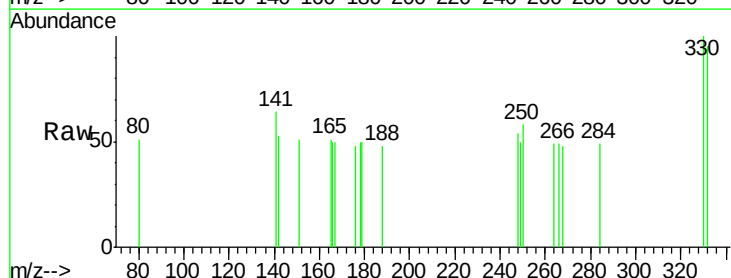
Tgt Ion:330 Resp: 103

Ion Ratio Lower Upper

330 100

332 99.0 152.7 229.1#

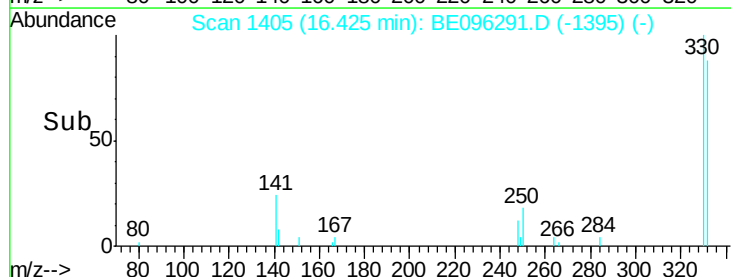
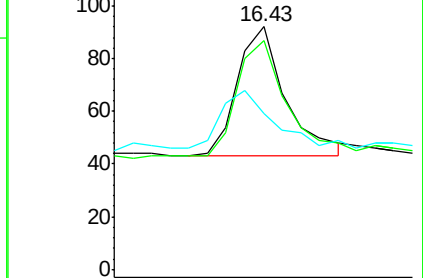
141 46.6 33.7 50.5

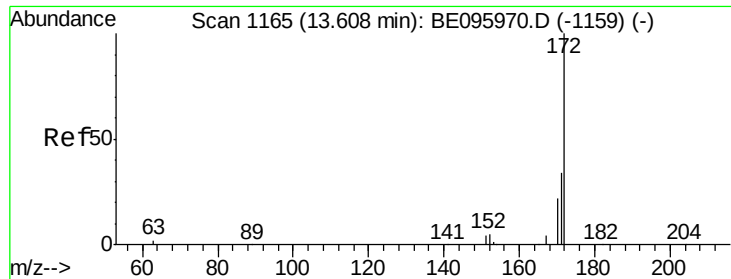


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

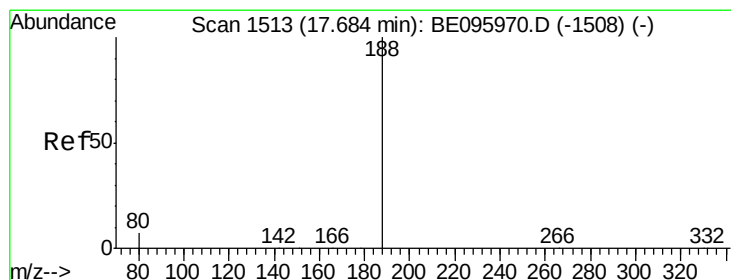
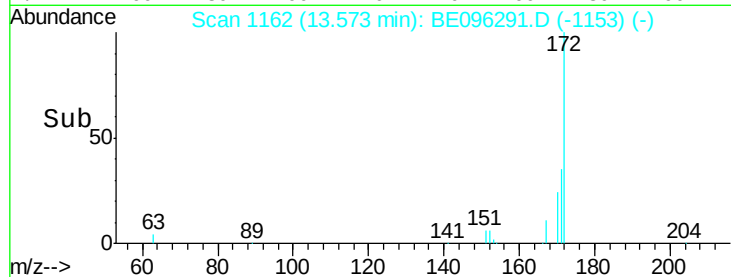
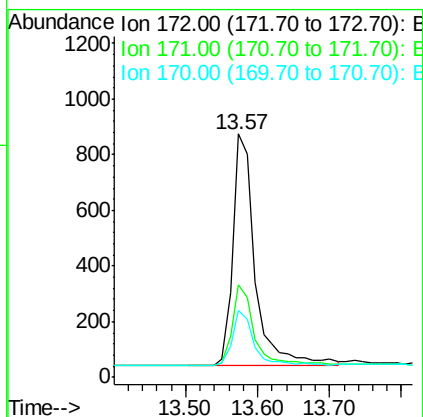
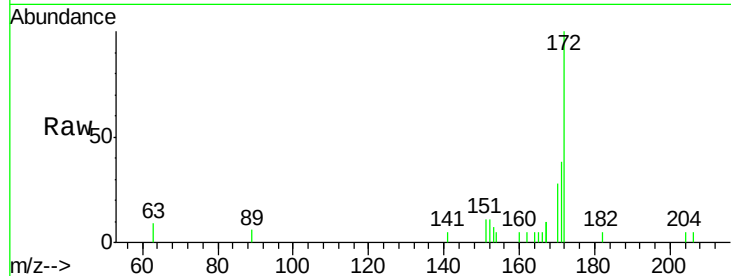




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 13.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE096291.D
Acq: 2 May 2018 12:14

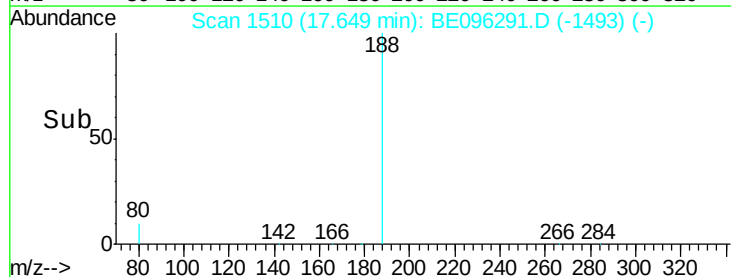
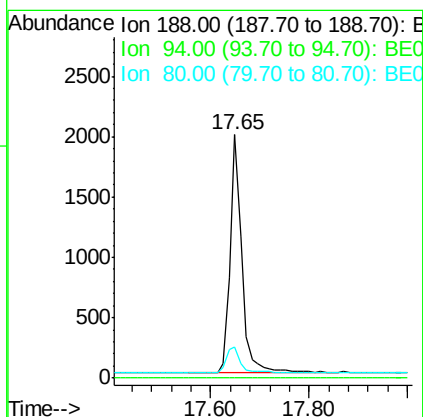
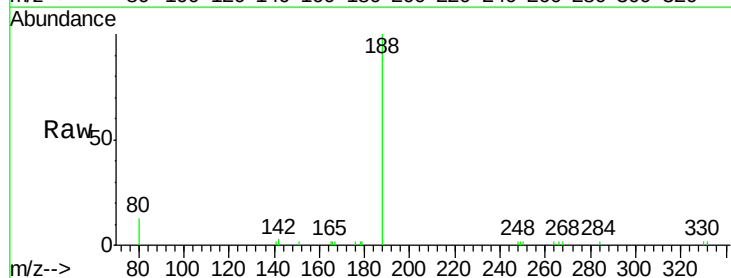
Instrument :
BNA_E
ClientSampled :

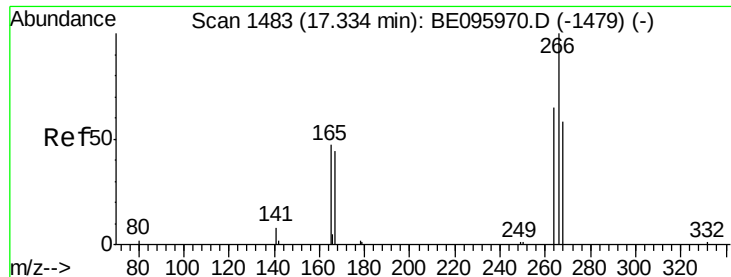
Tot Ion:172 Resp: 1786
Ion Ratio Lower Upper
172 100
171 38.2 29.9 44.9
170 27.8 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096291.D
Acq: 2 May 2018 12:14

Tgt Ion:188 Resp: 3264
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.6 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.140 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096291.D

Acq: 2 May 2018 12:14

Instrument :

BNA_E

ClientSampled :

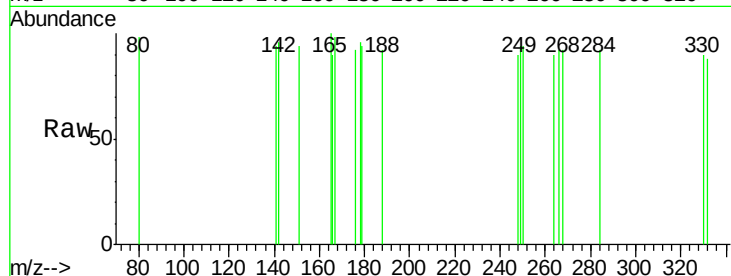
Tot Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 97.8 72.5 108.7

268 100.0 73.8 110.6



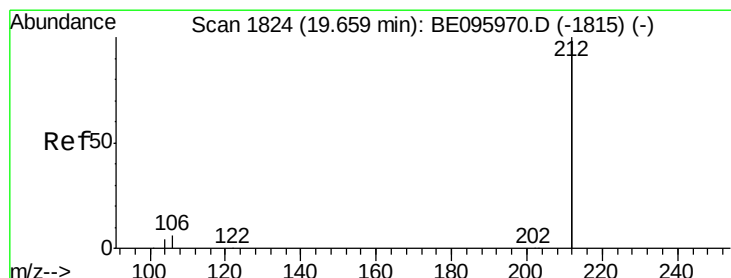
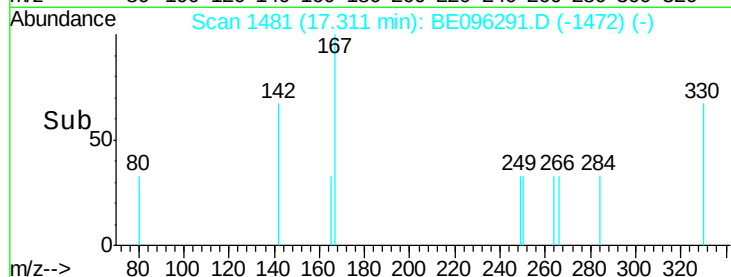
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

17.31

Time--> 17.25 17.30 17.35



#25

Fluoranthene-d10

Concen: 0.307 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096291.D

Acq: 2 May 2018 12:14

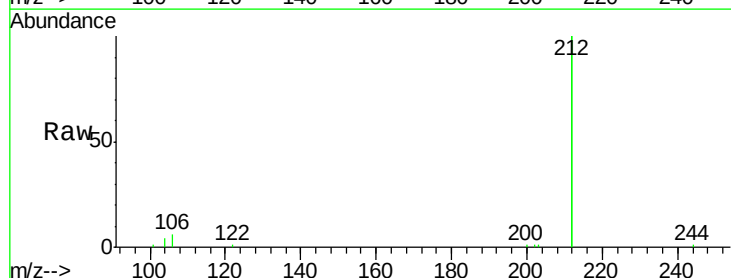
Tgt Ion:212 Resp: 13608

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

104 1.7 1.6 2.4



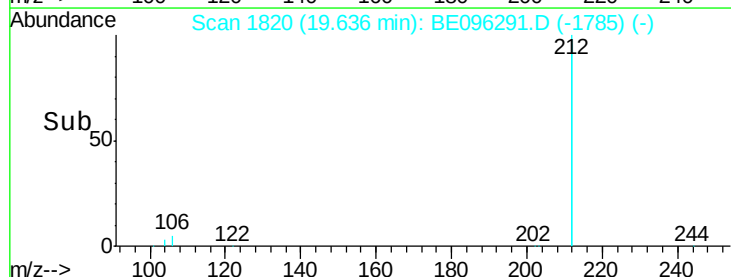
Abundance Ion 212.00 (211.70 to 212.70): E

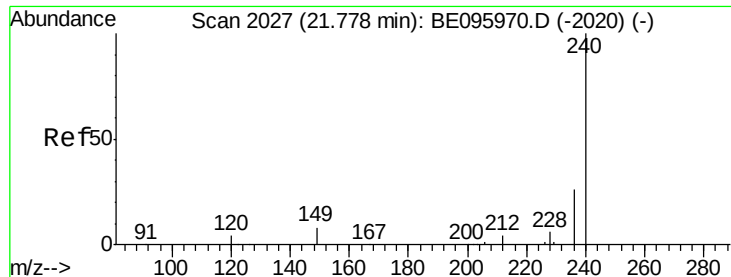
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

19.64

Time--> 19.50 19.60 19.70 19.80





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE096291.D

Acq: 2 May 2018 12:14

Instrument :

BNA_E

ClientSampleId :

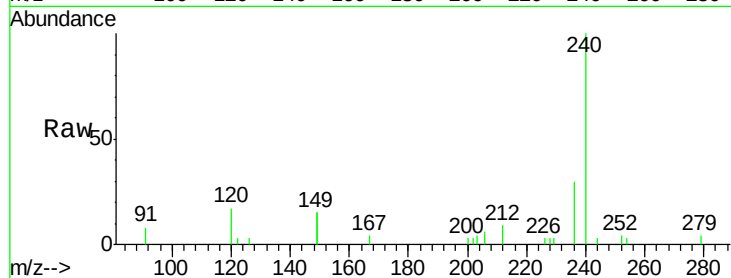
Tot Ion:240 Resp: 3291

Ion Ratio Lower Upper

240 100

120 17.1 5.5 8.3#

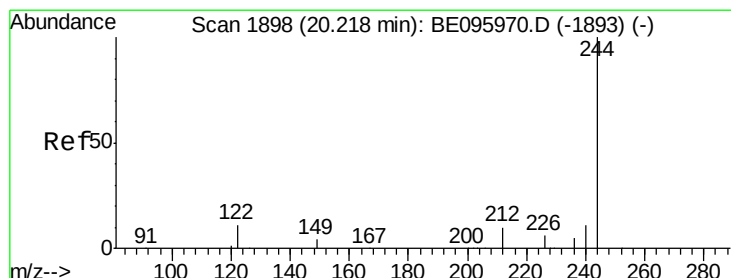
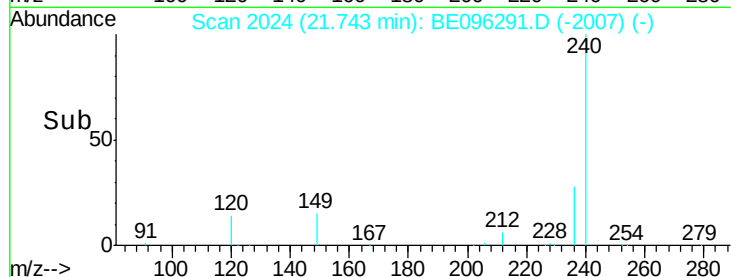
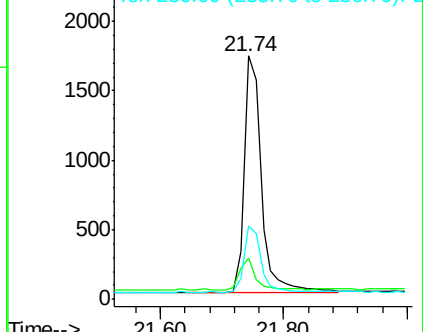
236 30.1 20.7 31.1



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: 0.287 ng

RT: 20.19 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BE096291.D

Acq: 2 May 2018 12:14

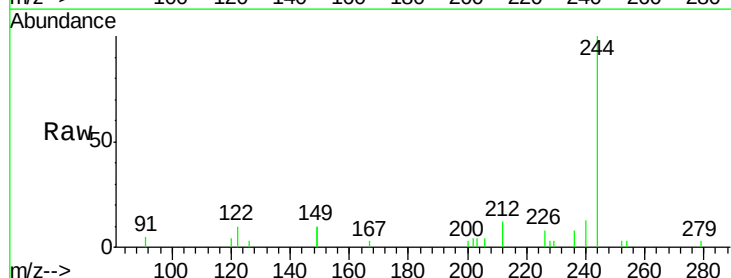
Tgt Ion:244 Resp: 2089

Ion Ratio Lower Upper

244 100

212 11.9 25.4 38.0#

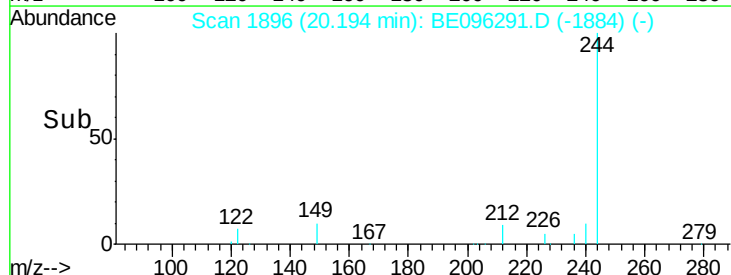
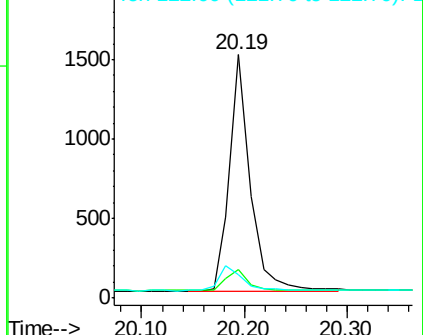
122 9.9 8.1 12.1

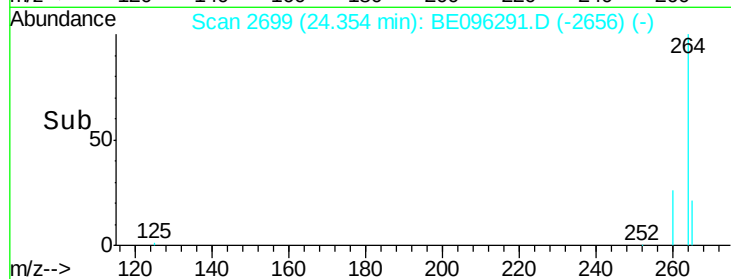
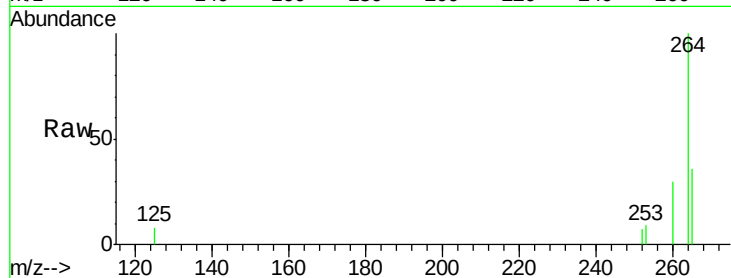
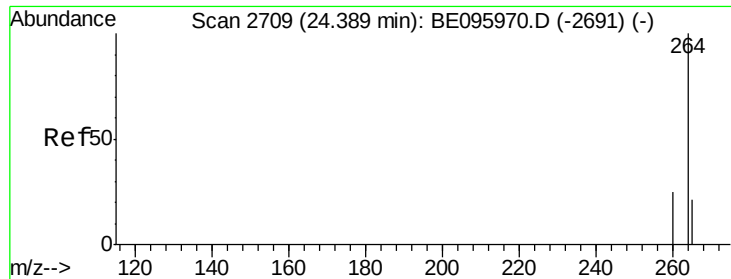


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2699

Delta R.T. 0.00 min

Lab File: BE096291.D

Acq: 2 May 2018 12:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 2860

Ion Ratio Lower Upper

264 100

260 29.6 20.5 30.7

265 36.4 22.8 34.2

