

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096261.D
 Acq On : 1 May 2018 17:28
 Operator : SJ/JU
 Sample : J2600-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 01:55:18 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

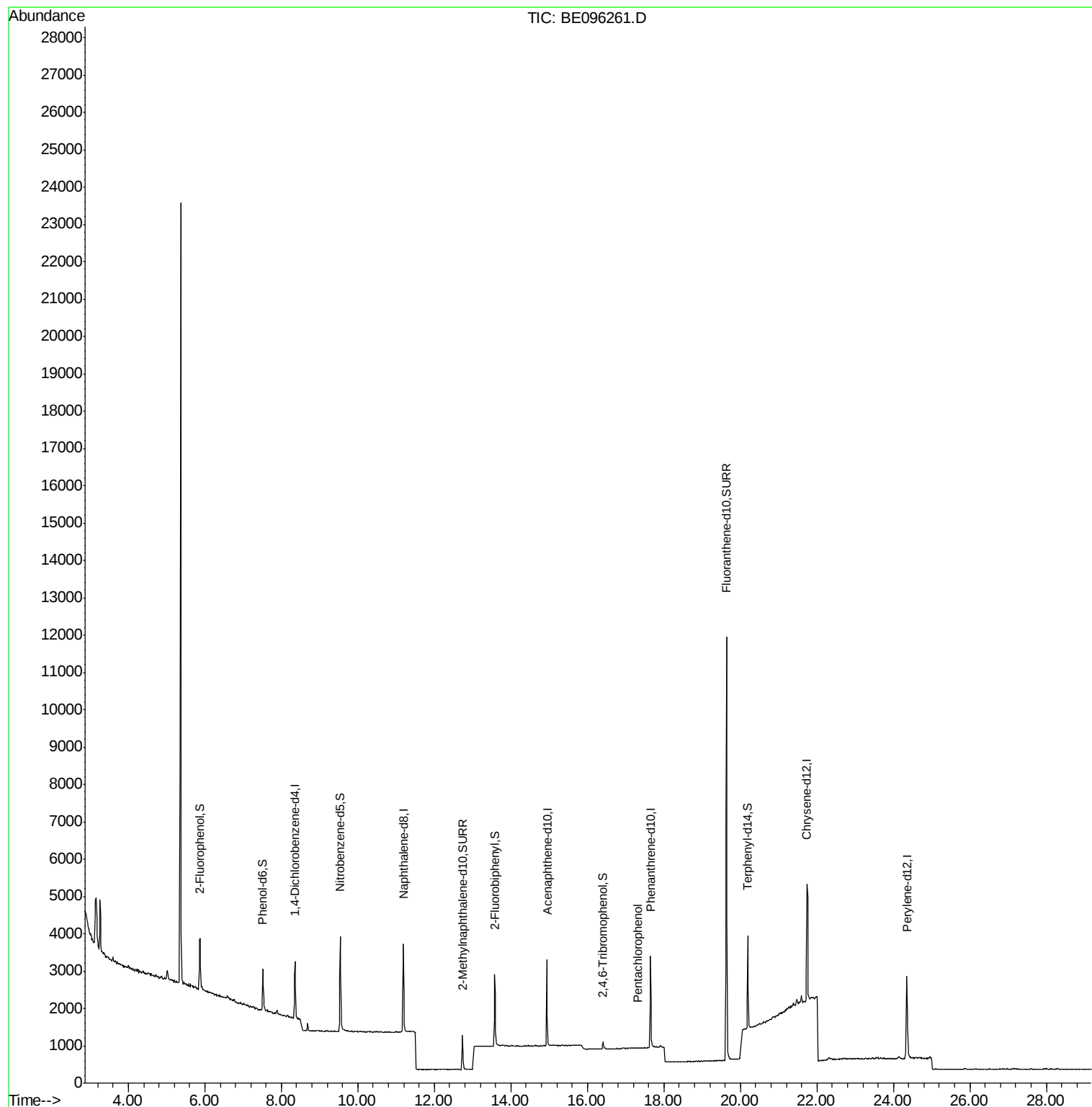
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	764	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2769	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1415	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3411	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3757	0.40	ng	0.00
34) Perylene-d12	24.35	264	3621	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	761	0.32	ng	0.00
5) Phenol-d6	7.52	99	1010	0.31	ng	0.00
8) Nitrobenzene-d5	9.54	82	1101	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1333	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	129	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	1942	0.32	ng	0.00
25) Fluoranthene-d10	19.64	212	15167	0.33	ng	0.00
29) Terphenyl-d14	20.19	244	2372	0.29	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.31	266	3	0.139	ng	Qvalue 94

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

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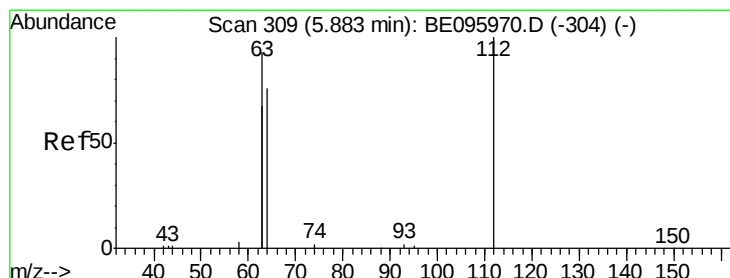
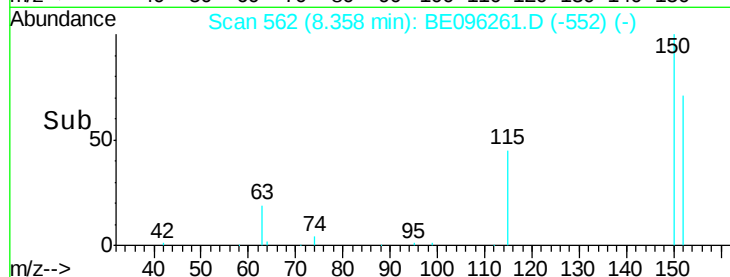
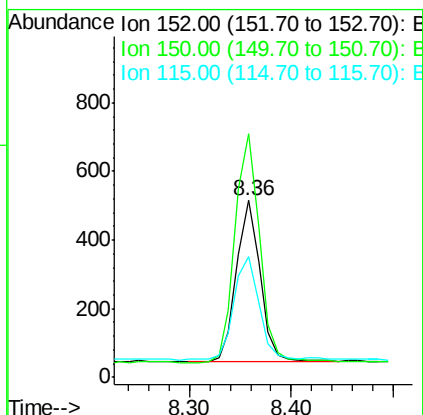
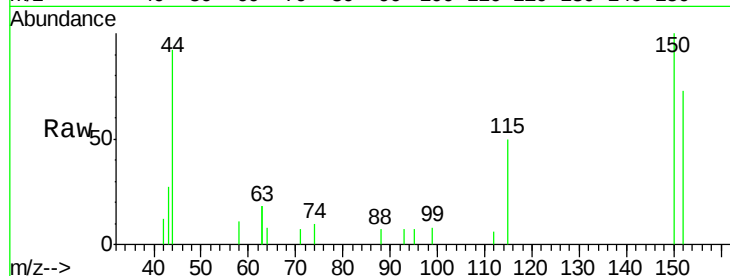


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BE096261.D
 Acq: 1 May 2018 17:28

Instrument :
 BNA_E
 ClientSampled :

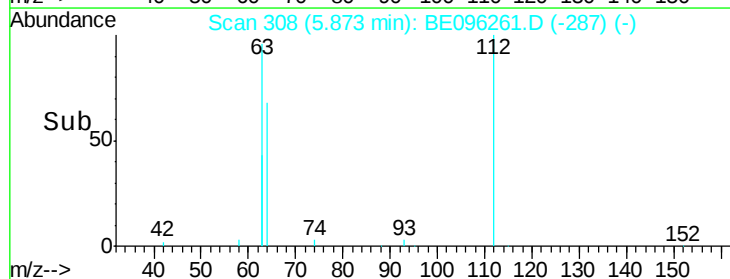
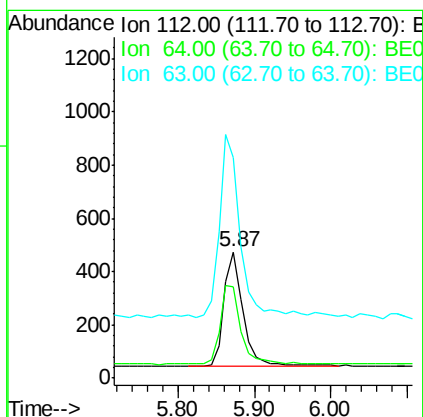
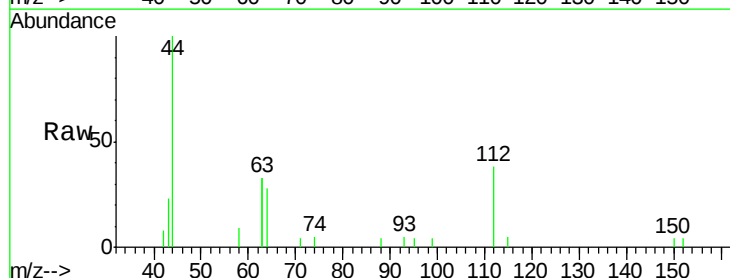
Tot Ion:152 Resp: 764
 Ion Ratio Lower Upper
 152 100
 150 137.7 117.2 175.8
 115 68.5 57.0 85.6



#4

2-Fluorophenol
 Concen: 0.322 ng
 RT: 5.87 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096261.D
 Acq: 1 May 2018 17:28

Tgt Ion:112 Resp: 761
 Ion Ratio Lower Upper
 112 100
 64 73.5 60.1 90.1
 63 171.7 116.8 175.2





#5

Phenol-d6

Concen: 0.310 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

Instrument :

BNA_E

ClientSampleId :

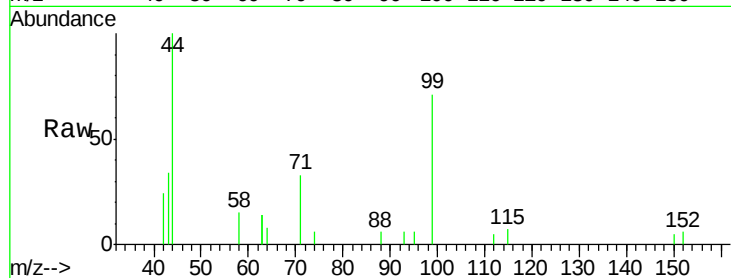
Tot Ion: 99 Resp: 1010

Ion Ratio Lower Upper

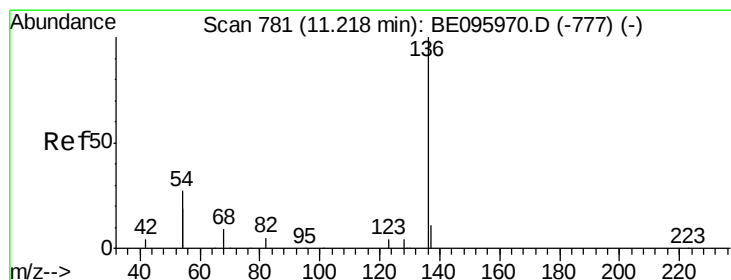
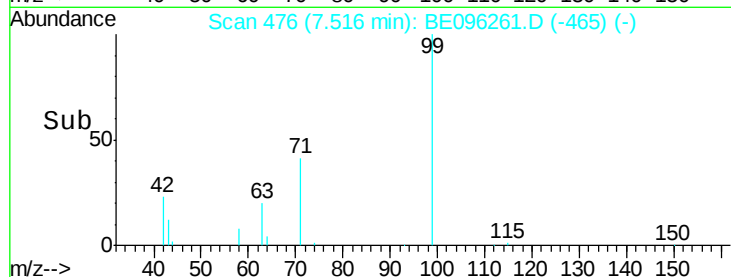
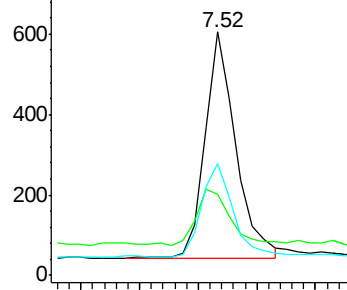
99 100

42 25.9 20.2 30.2

71 42.4 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: BE096261.D

Acq: 1 May 2018 17:28

Tgt Ion: 136 Resp: 2769

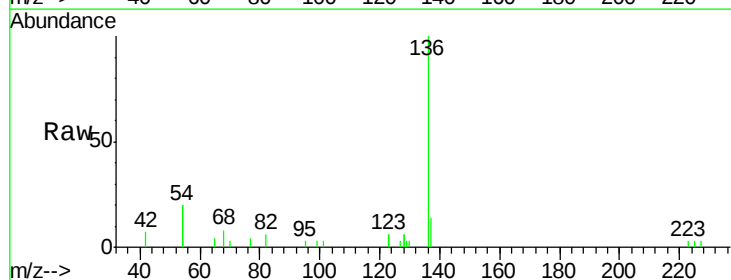
Ion Ratio Lower Upper

136 100

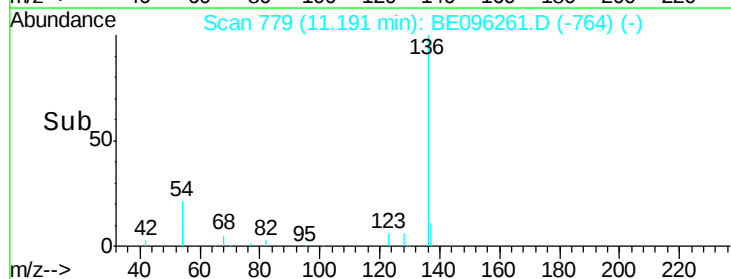
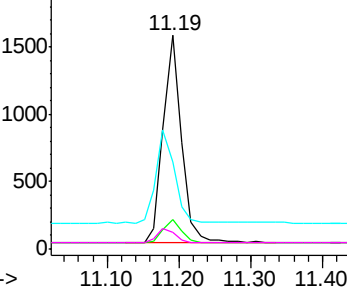
137 13.5 9.5 14.3

54 40.8 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





#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

Instrument :

BNA_E

ClientSampleId :

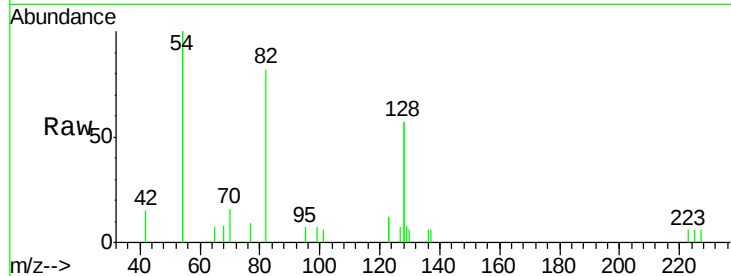
Tot Ion: 82 Resp: 1101

Ion Ratio Lower Upper

82 100

128 140.1 150.0 225.0#

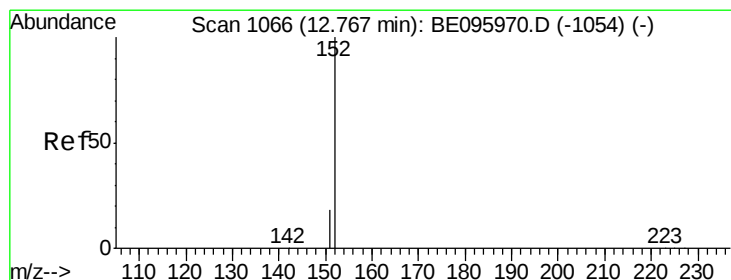
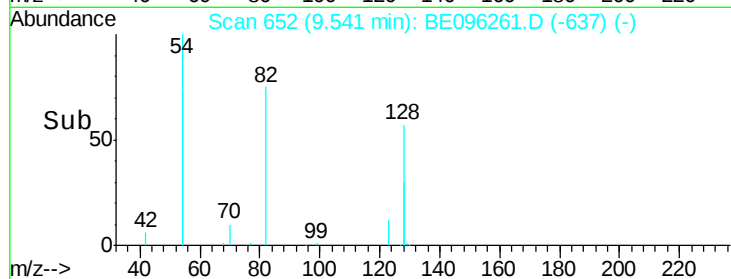
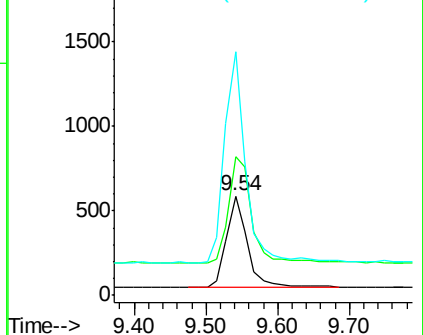
54 245.2 154.2 231.4#



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) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.304 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096261.D

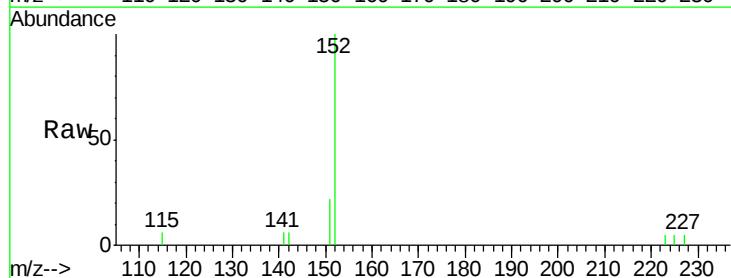
Acq: 1 May 2018 17:28

Tgt Ion: 152 Resp: 1333

Ion Ratio Lower Upper

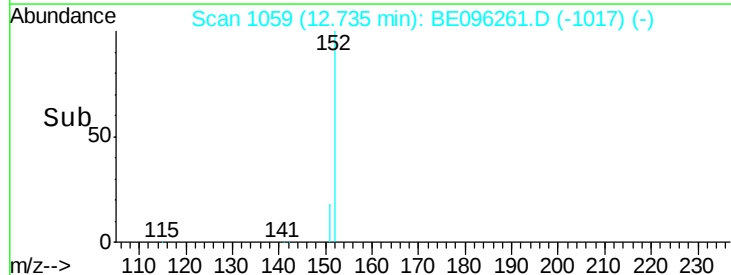
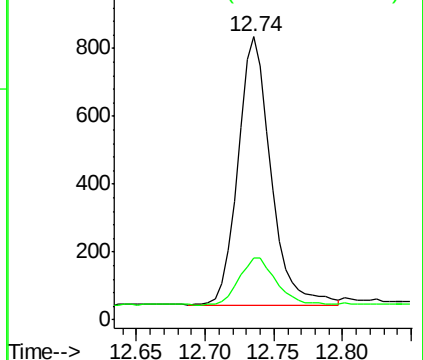
152 100

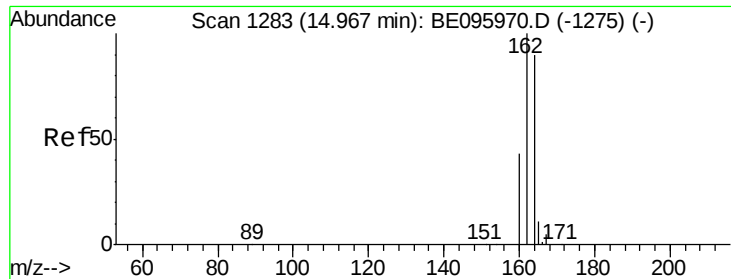
151 19.8 15.4 23.0



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

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

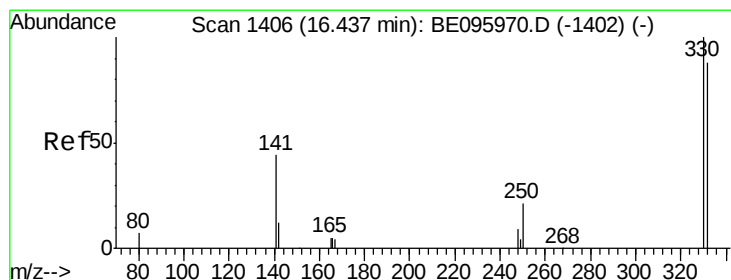
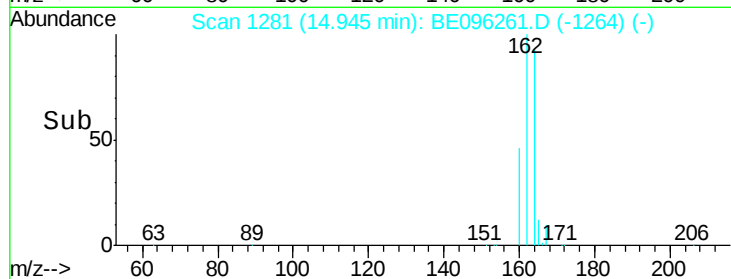
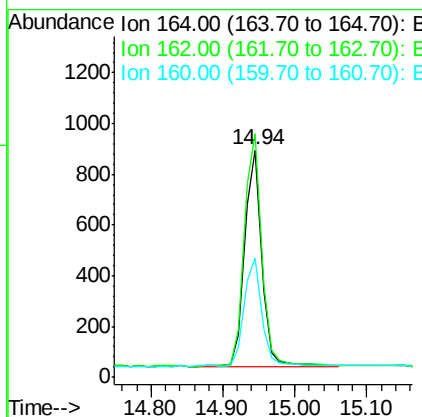
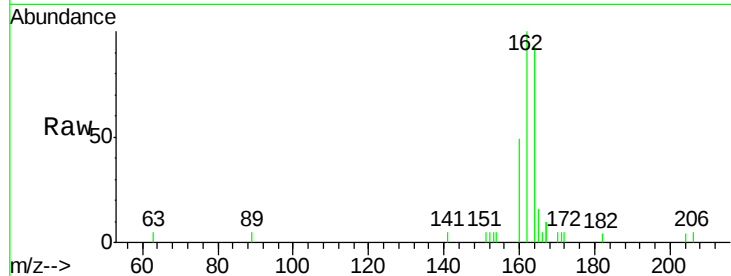




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.94 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BE096261.D
 Acq: 1 May 2018 17:28

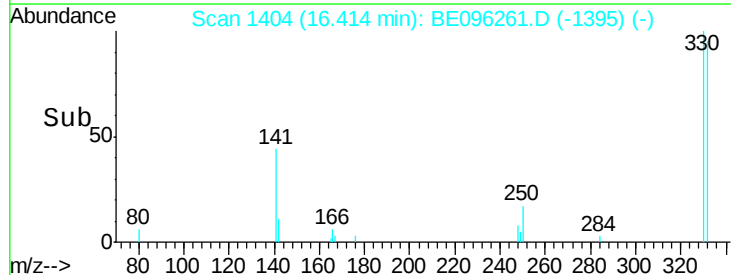
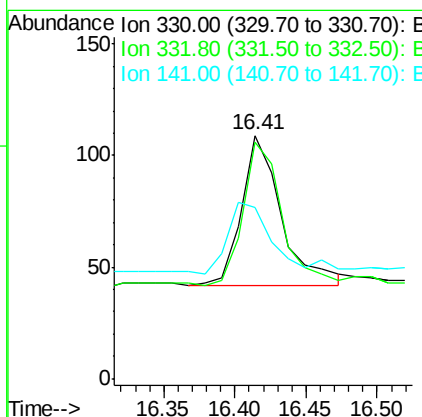
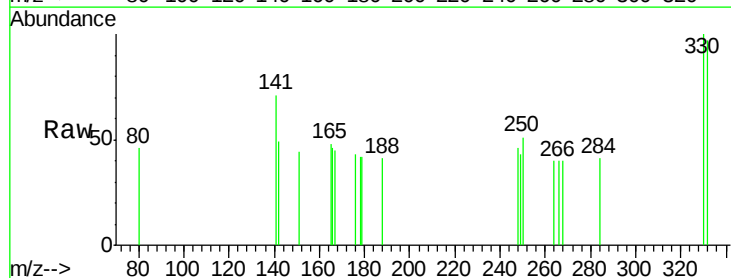
Instrument :
 BNA_E
 ClientSampleId :

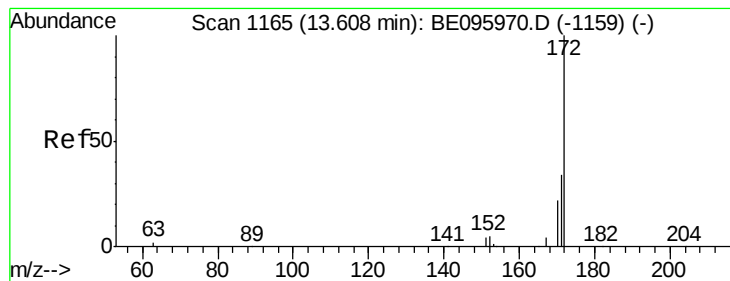
Tot Ion:164 Resp: 1415
 Ion Ratio Lower Upper
 164 100
 162 107.0 83.1 124.7
 160 52.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.189 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096261.D
 Acq: 1 May 2018 17:28

Tgt Ion:330 Resp: 129
 Ion Ratio Lower Upper
 330 100
 332 93.8 152.7 229.1#
 141 51.2 33.7 50.5#





#15

2-Fluorobiphenyl

Concen: 0.321 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

Instrument :

BNA_E

ClientSampled :

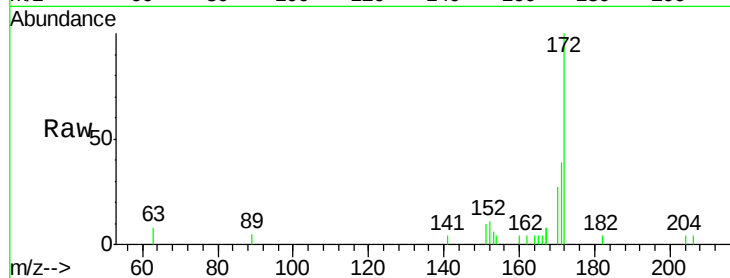
Tot Ion:172 Resp: 1942

Ion Ratio Lower Upper

172 100

171 39.2 29.9 44.9

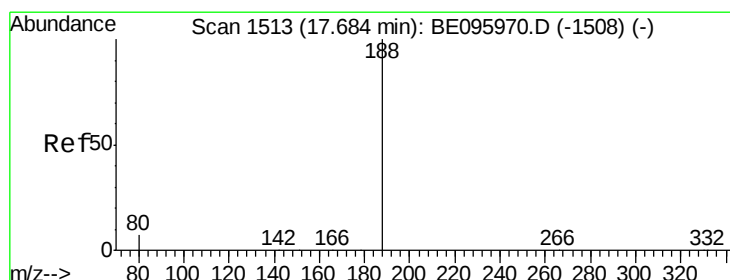
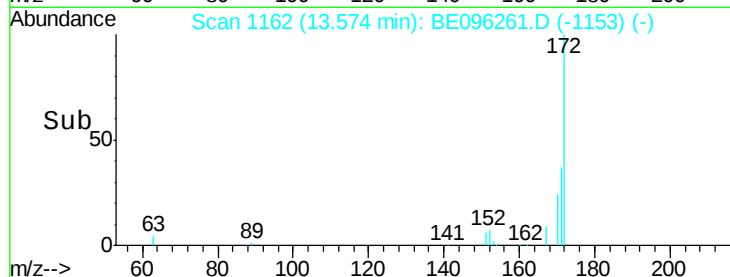
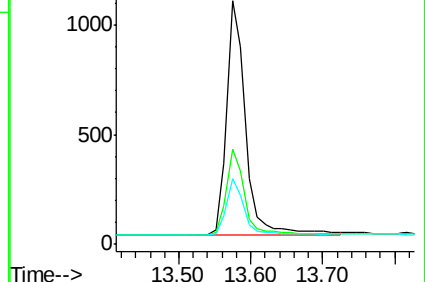
170 27.1 21.8 32.8



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: BE096261.D

Acq: 1 May 2018 17:28

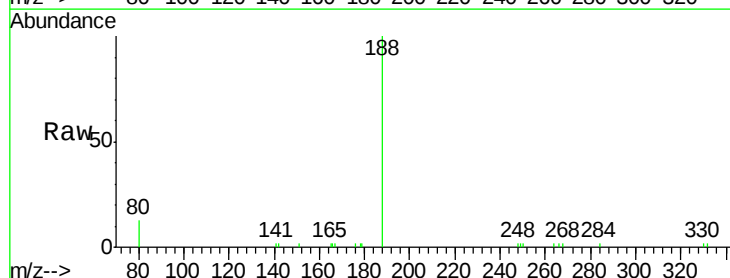
Tgt Ion:188 Resp: 3411

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

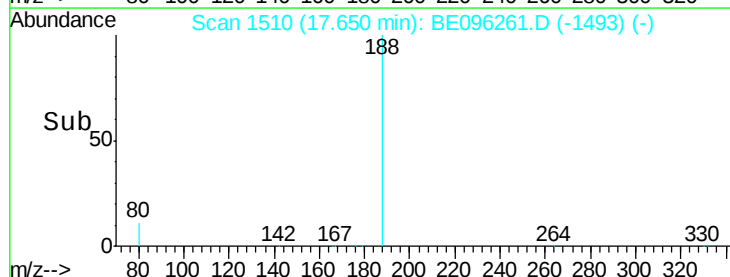
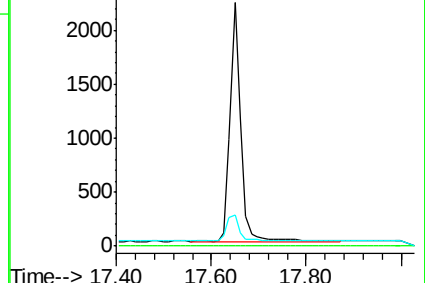
80 12.8 3.6 5.4#

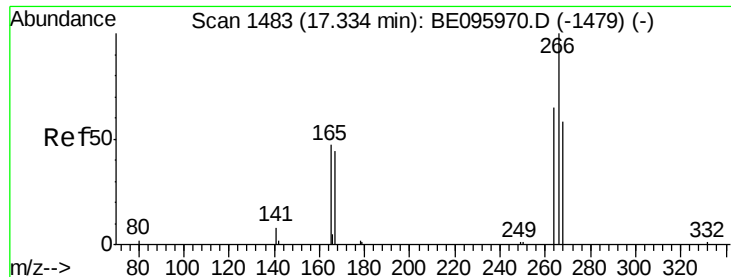


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



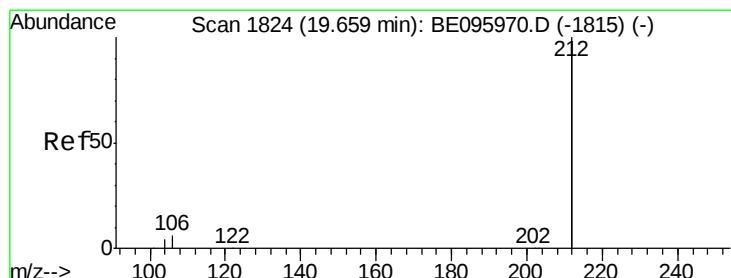
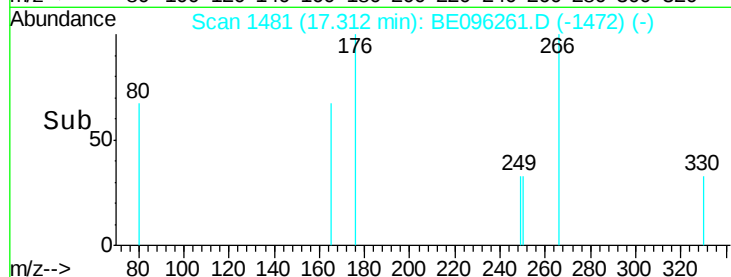
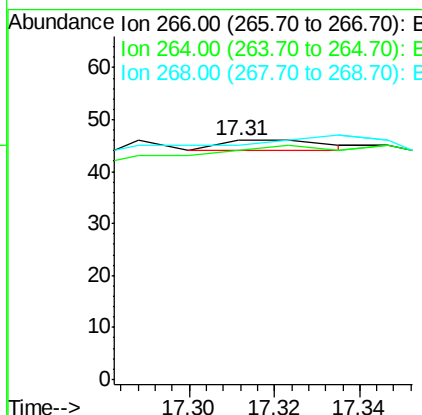
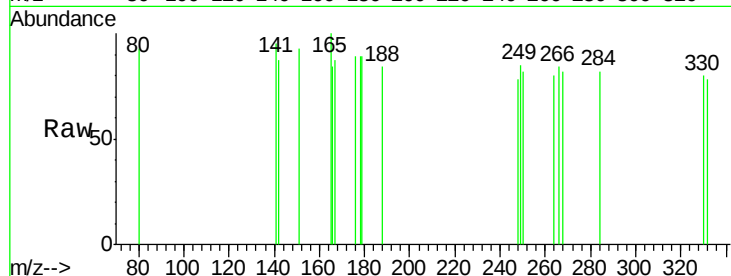


#22
 Pentachlorophenol
 Concen: 0.139 ng
 RT: 17.31 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BE096261.D
 Acq: 1 May 2018 17:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 3

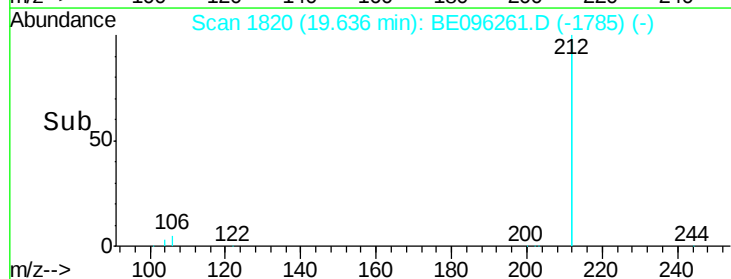
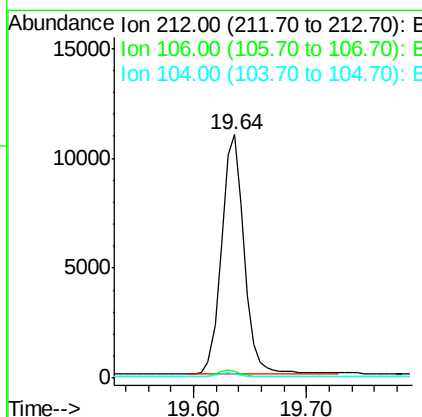
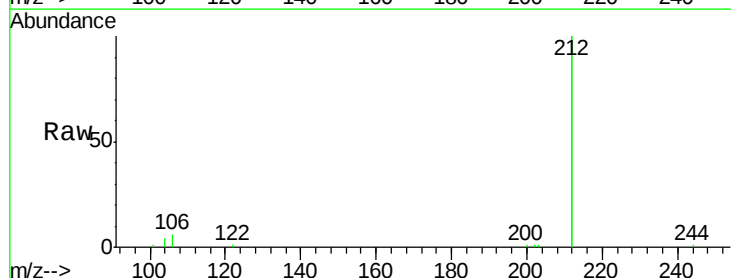
Ion	Ratio	Lower	Upper
266	100		
264	95.7	72.5	108.7
268	97.8	73.8	110.6

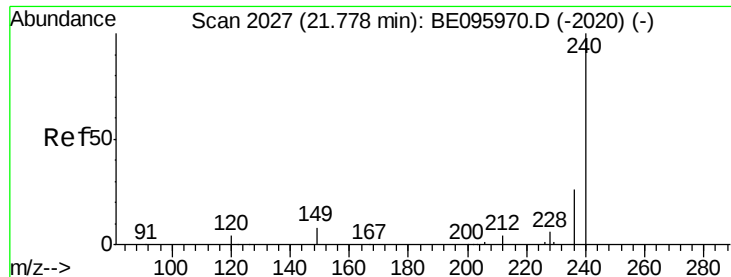


#25
 Fluoranthene-d10
 Concen: 0.328 ng
 RT: 19.64 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BE096261.D
 Acq: 1 May 2018 17:28

Tgt Ion:212 Resp: 15167

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.8	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

Instrument :

BNA_E

ClientSampleId :

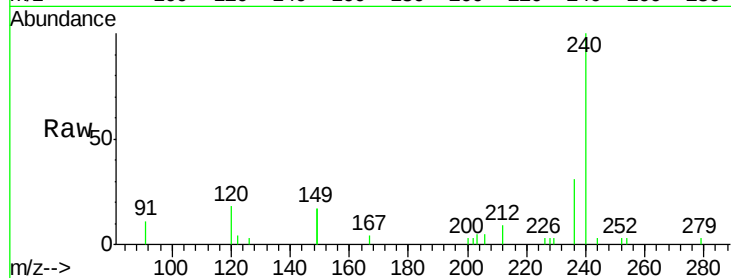
Tot Ion:240 Resp: 3757

Ion Ratio Lower Upper

240 100

120 17.5 5.5 8.3#

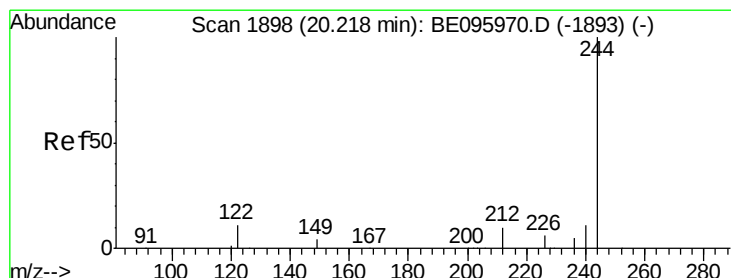
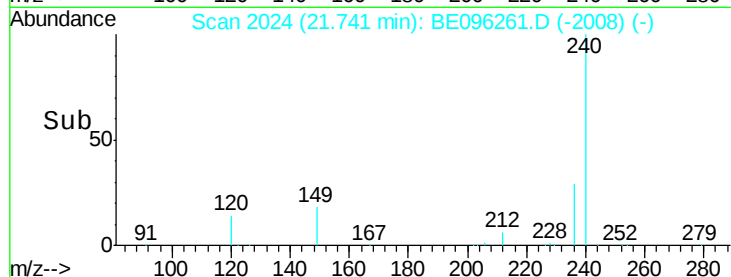
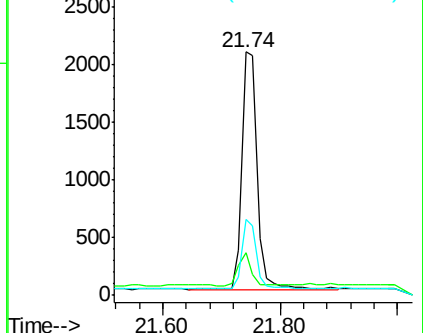
236 31.2 20.7 31.1#



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: 0.286 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

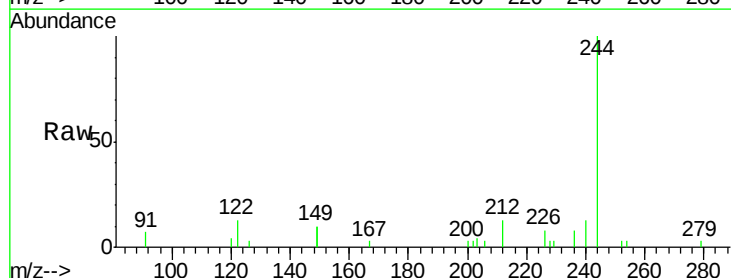
Tgt Ion:244 Resp: 2372

Ion Ratio Lower Upper

244 100

212 12.6 25.4 38.0#

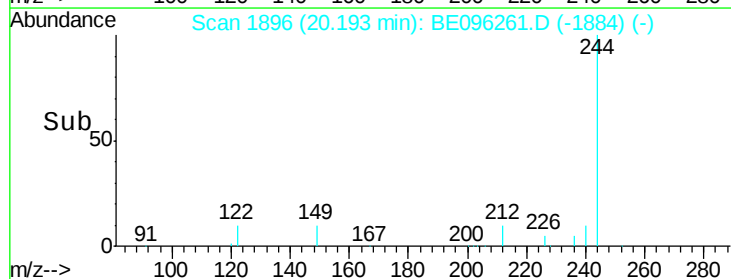
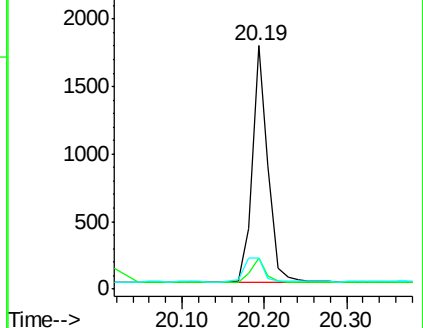
122 12.7 8.1 12.1#

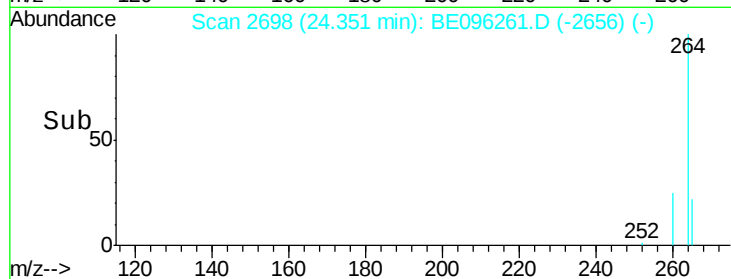
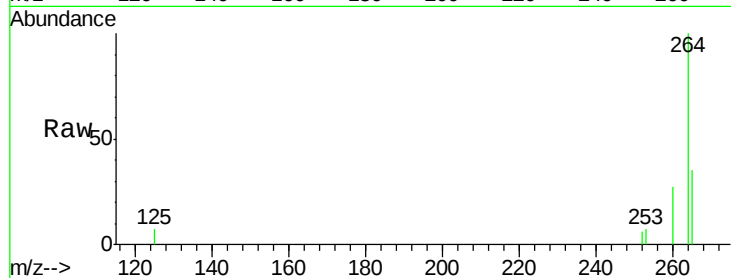
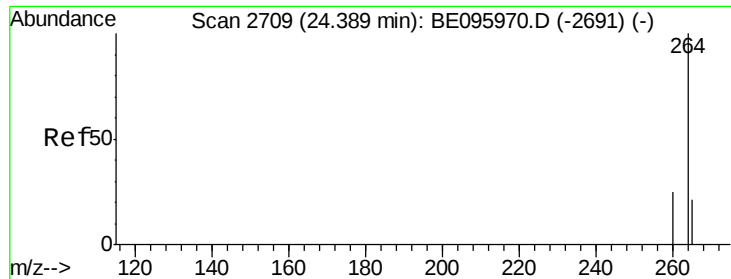


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2698

Delta R.T. -0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 3621

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 35.3 22.8 34.2

