

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096301.D
 Acq On : 2 May 2018 19:33
 Operator : SJ/JU
 Sample : J2662-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 03 01:52:44 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

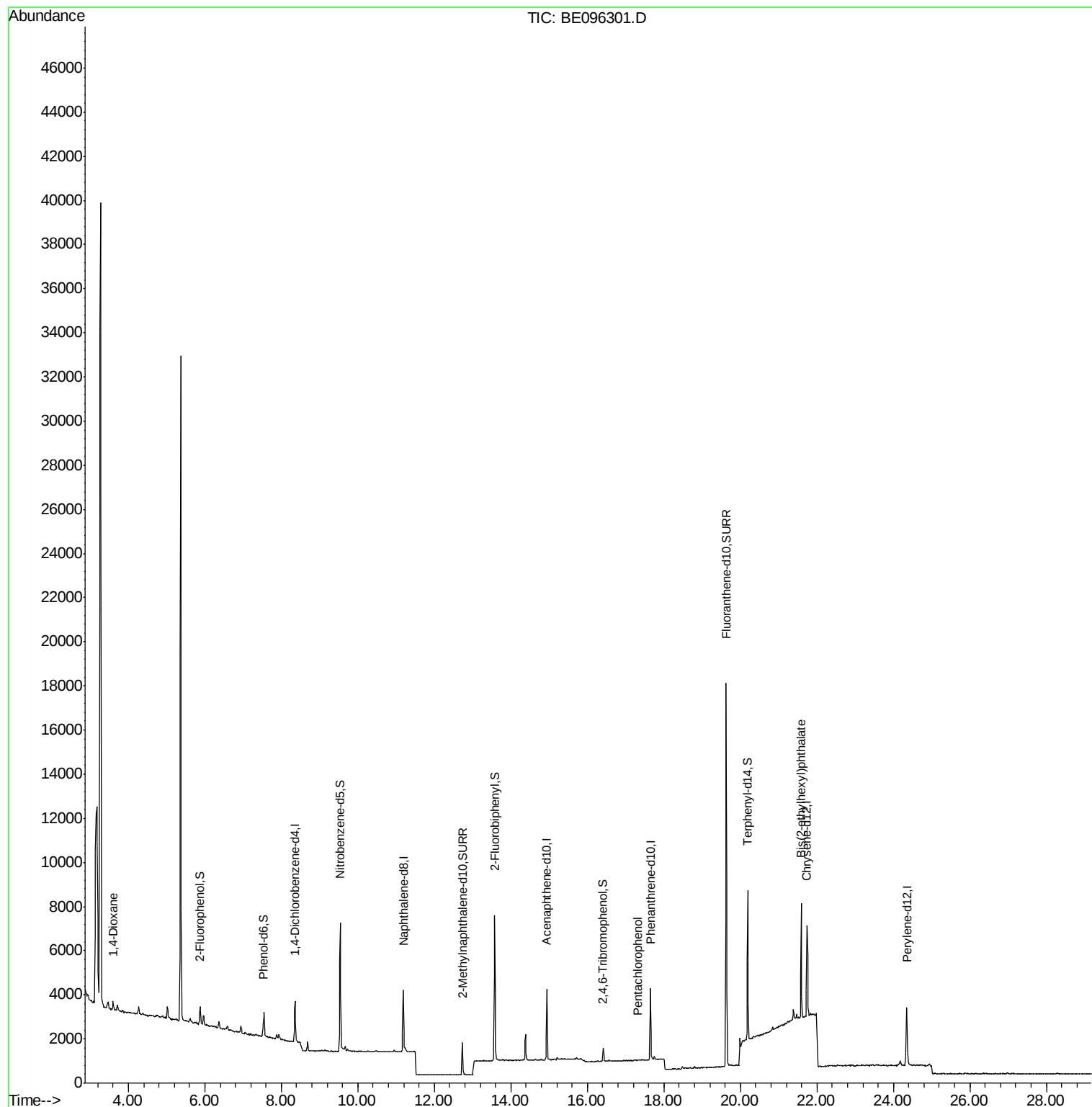
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	923	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3517	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1950	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	4526	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4323	0.40	ng	0.00
34) Perylene-d12	24.35	264	4254	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	431	0.15	ng	0.02
5) Phenol-d6	7.52	99	359	0.09	ng	0.00
8) Nitrobenzene-d5	9.54	82	2304	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2041	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	339	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	5963	0.71	ng	0.00
25) Fluoranthene-d10	19.63	212	22701	0.37	ng	0.00
29) Terphenyl-d14	20.19	244	6237	0.65	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.61	88	307	0.215	ng	Qvalue 86
22) Pentachlorophenol	17.31	266	8	0.142	ng	94
32) Bis(2-ethylhexyl)phthalate	21.60	149	5484	0.153	ng	# 98

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

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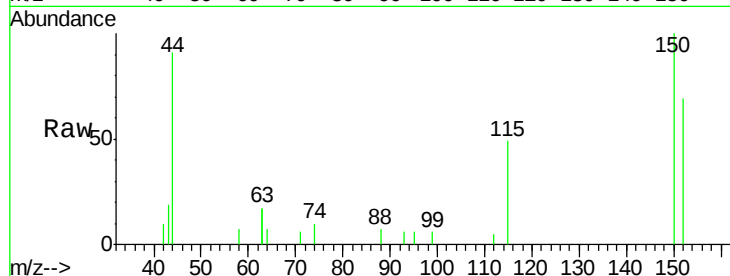


#1

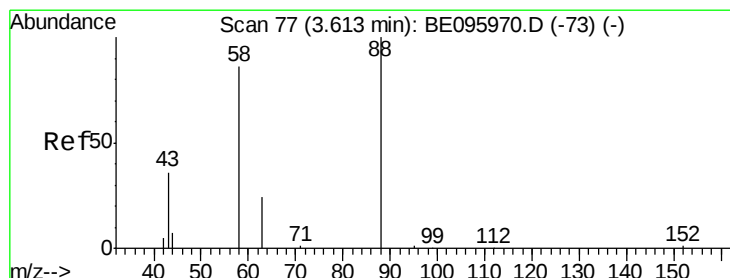
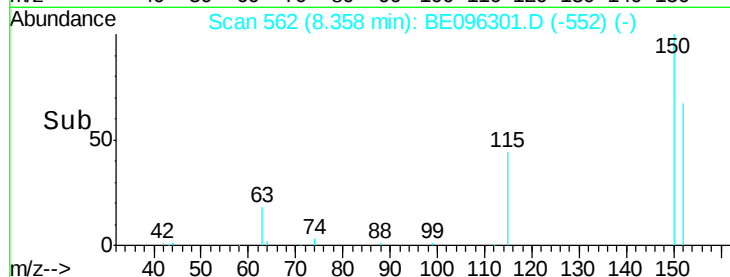
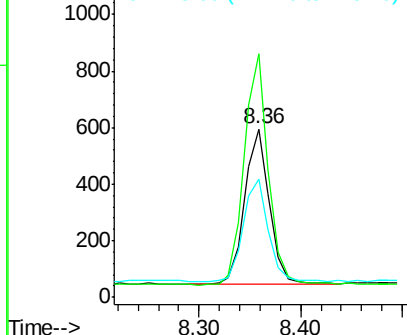
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096301.D
Acq: 2 May 2018 19:33

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 923
Ion Ratio Lower Upper
152 100
150 144.7 117.2 175.8
115 70.3 57.0 85.6



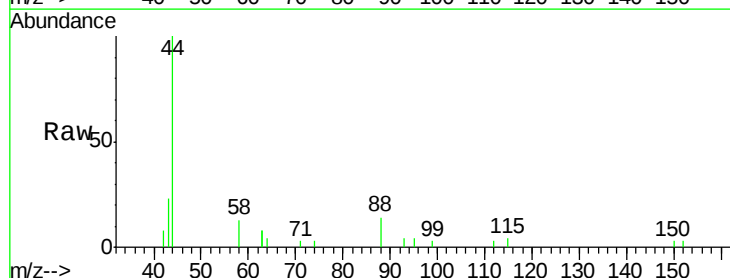
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



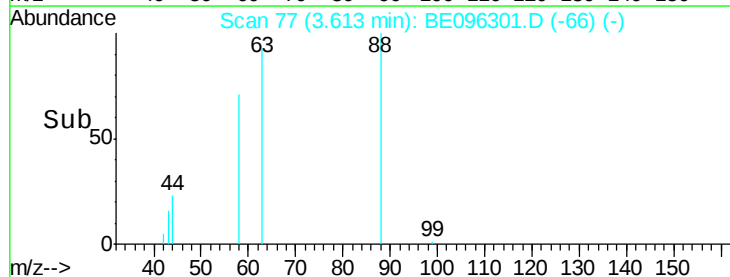
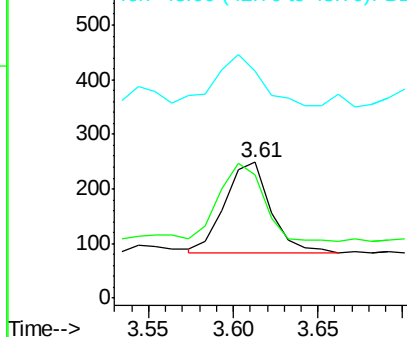
#2

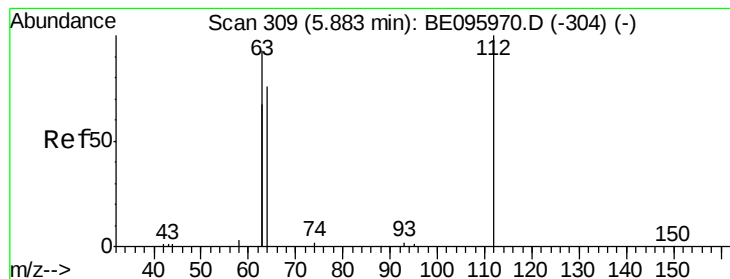
1,4-Dioxane
Concen: 0.215 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.01 min
Lab File: BE096301.D
Acq: 2 May 2018 19:33

Tgt Ion: 88 Resp: 307
Ion Ratio Lower Upper
88 100
58 93.8 63.2 94.8
43 57.3 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: 0.151 ng

RT: 5.88 min Scan# 309

Delta R.T. 0.02 min

Lab File: BE096301.D

Acq: 2 May 2018 19:33

Instrument :

BNA_E

ClientSampleId :

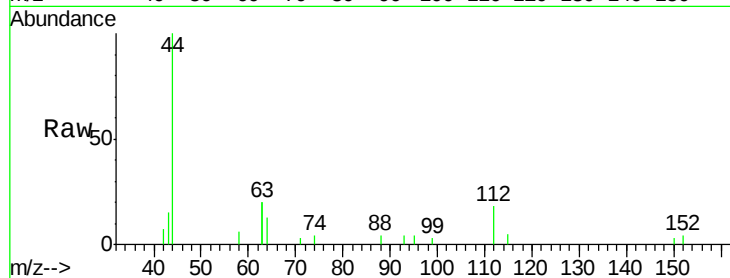
Tot Ion: 112 Resp: 431

Ion Ratio Lower Upper

112 100

64 73.3 60.1 90.1

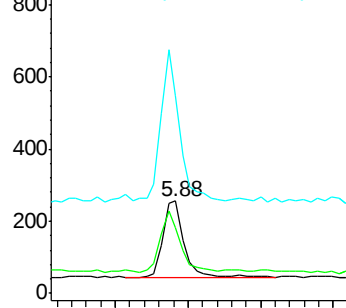
63 170.8 116.8 175.2



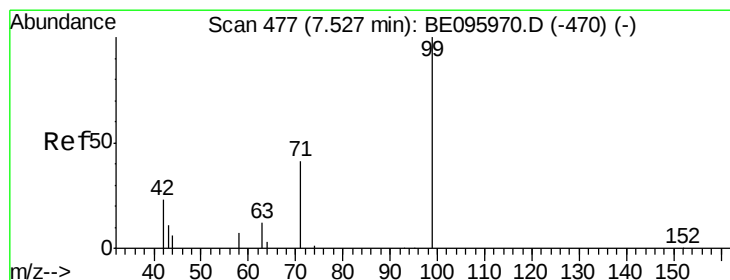
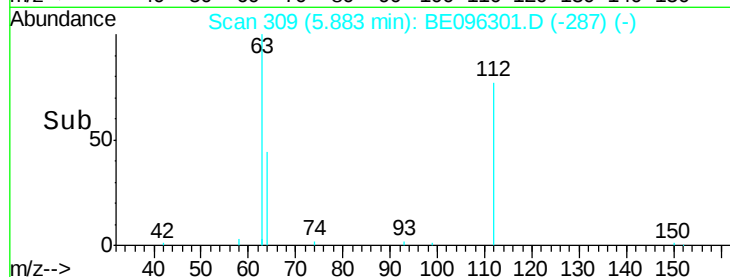
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.091 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096301.D

Acq: 2 May 2018 19:33

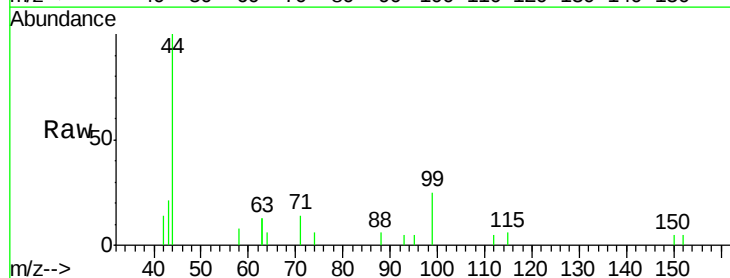
Tgt Ion: 99 Resp: 359

Ion Ratio Lower Upper

99 100

42 42.9 20.2 30.2#

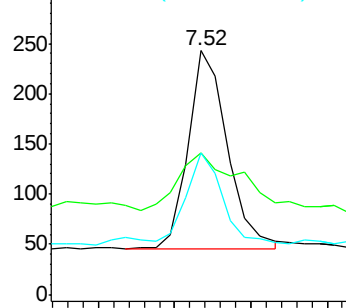
71 40.1 28.4 42.6



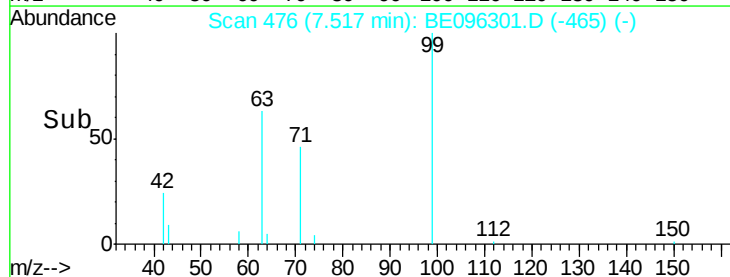
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE096301.D

Acq: 2 May 2018 19:33

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3517

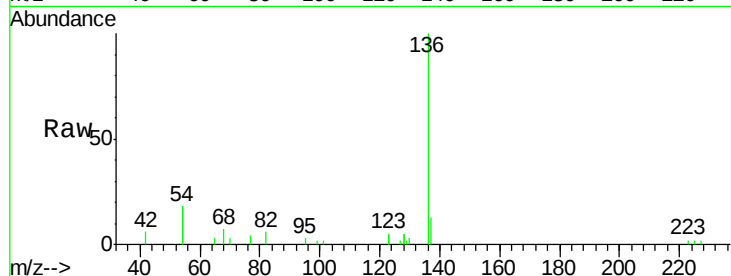
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 35.6 29.1 43.7

68 7.0 6.2 9.2

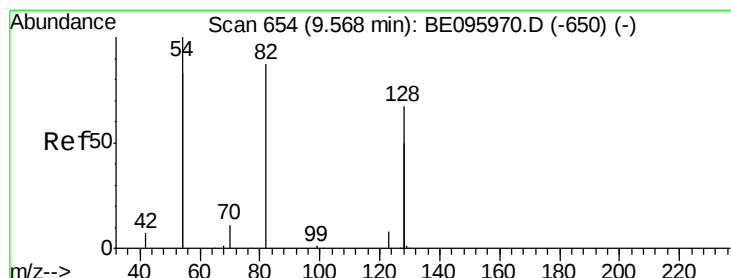
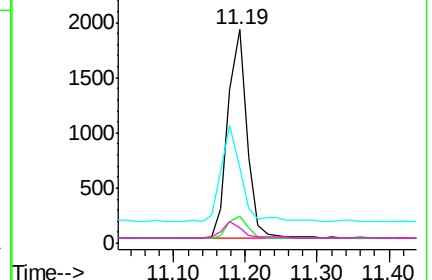
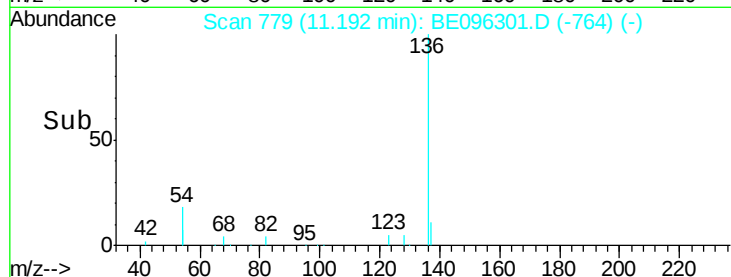


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.559 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096301.D

Acq: 2 May 2018 19:33

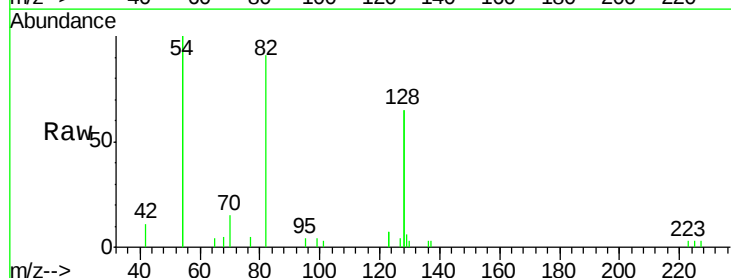
Tgt Ion: 82 Resp: 2304

Ion Ratio Lower Upper

82 100

128 142.9 150.0 225.0#

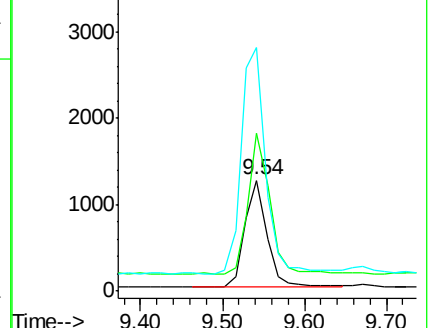
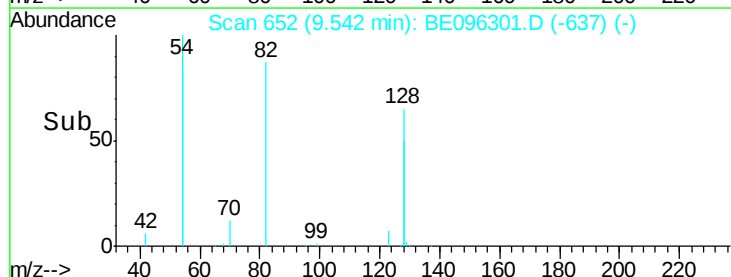
54 219.8 154.2 231.4

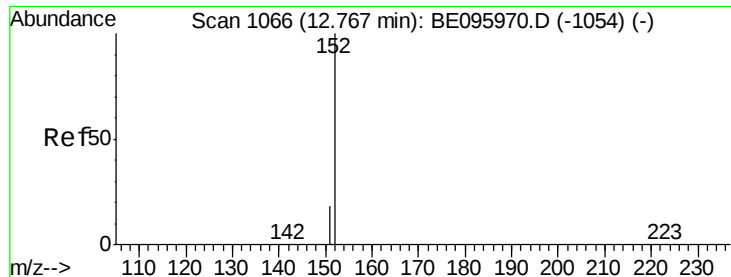


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

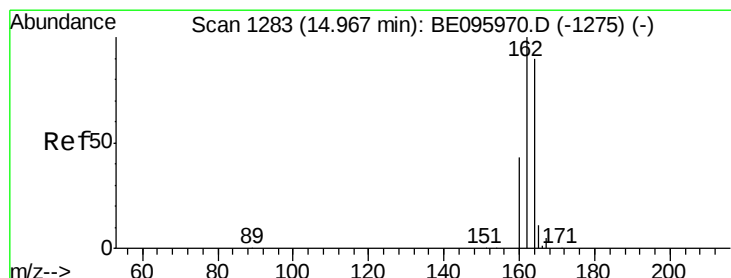
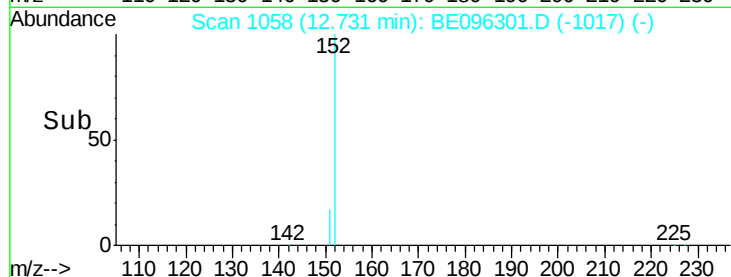
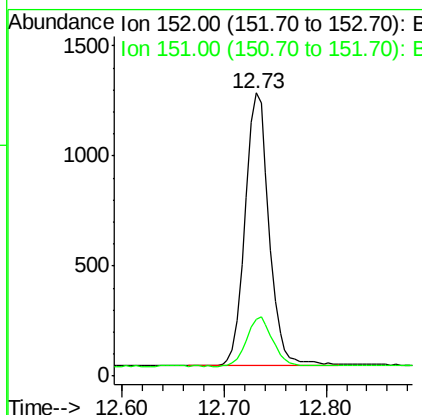
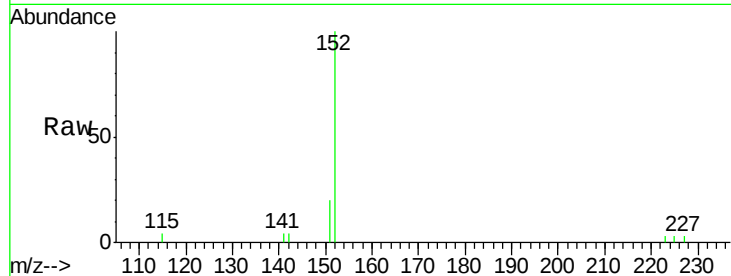




#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE096301.D
Acq: 2 May 2018 19:33

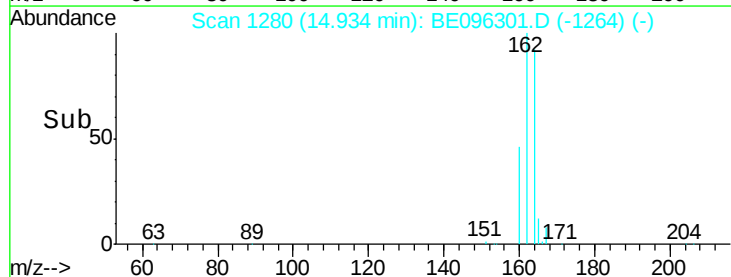
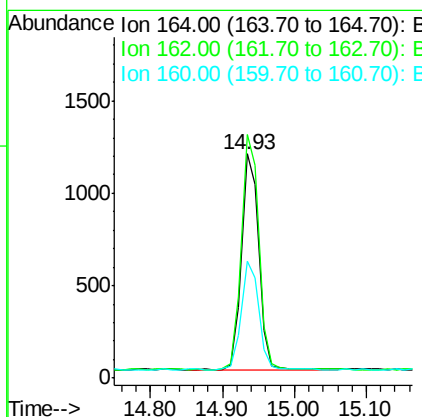
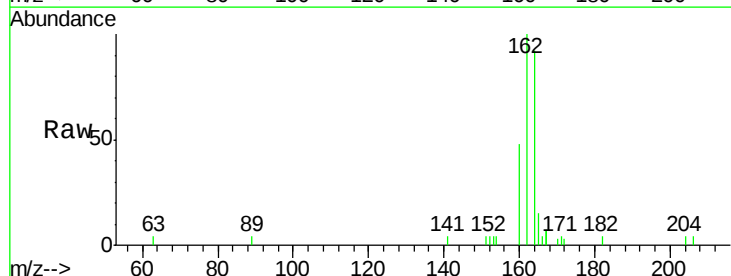
Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2041
Ion Ratio Lower Upper
152 100
151 19.5 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: BE096301.D
Acq: 2 May 2018 19:33

Tgt Ion:164 Resp: 1950
Ion Ratio Lower Upper
164 100
162 108.6 83.1 124.7
160 51.9 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.360 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096301.D

Acq: 2 May 2018 19:33

Instrument :

BNA_E

ClientSampleId :

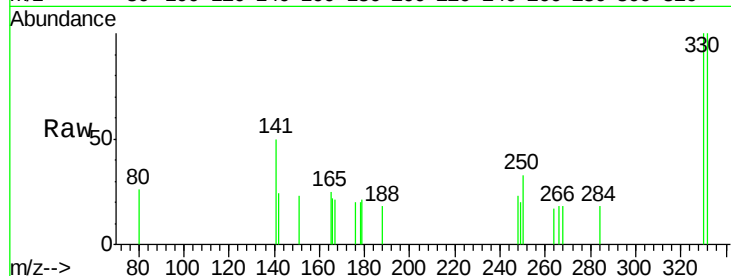
Tot Ion:330 Resp: 339

Ion Ratio Lower Upper

330 100

332 98.2 152.7 229.1#

141 55.5 33.7 50.5#

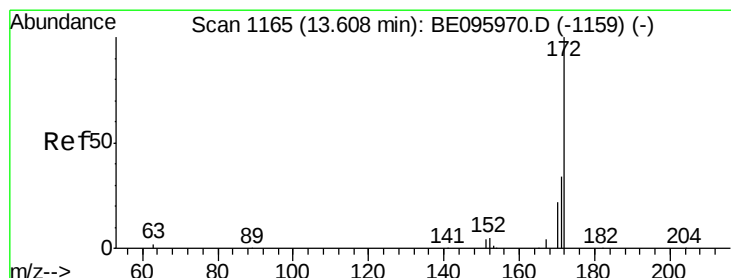
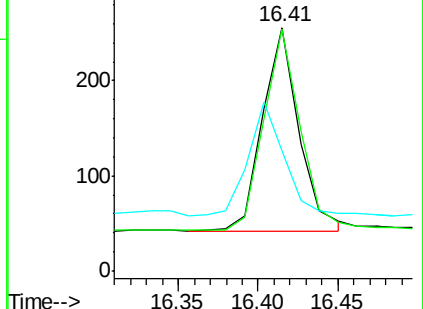
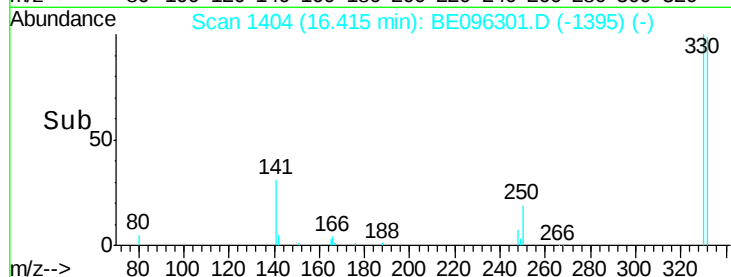


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#15

2-Fluorobiphenyl

Concen: 0.715 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096301.D

Acq: 2 May 2018 19:33

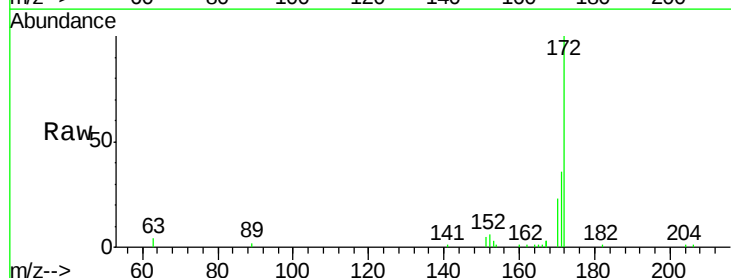
Tgt Ion:172 Resp: 5963

Ion Ratio Lower Upper

172 100

171 35.5 29.9 44.9

170 22.7 21.8 32.8

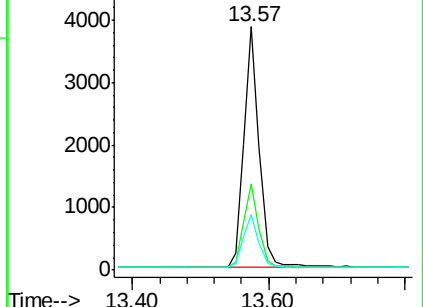
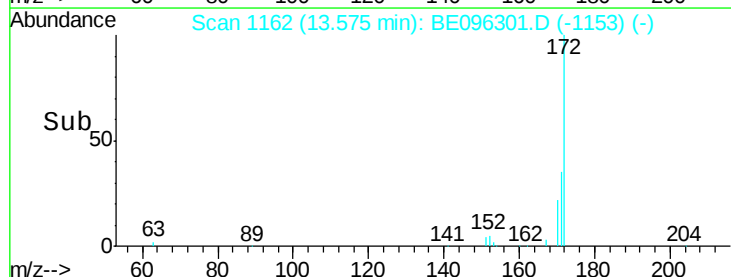


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096301.D

Acq: 2 May 2018 19:33

Instrument :

BNA_E

ClientSampleId :

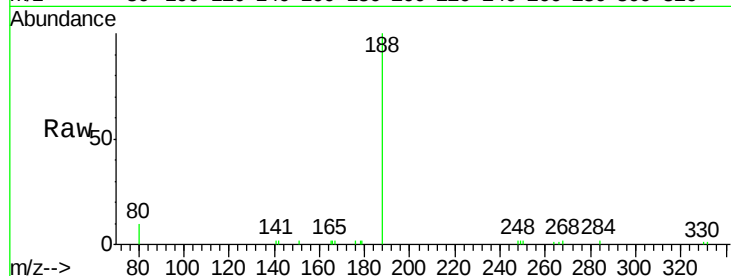
Tot Ion:188 Resp: 4526

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

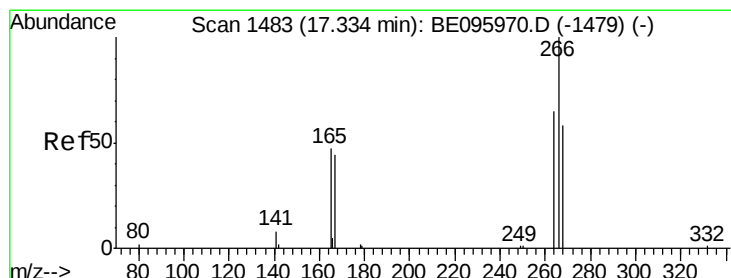
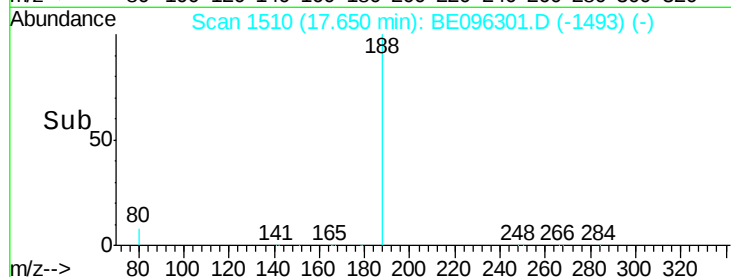
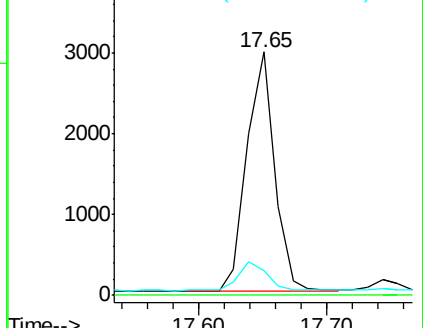
80 10.3 3.6 5.4#



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: 0.142 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096301.D

Acq: 2 May 2018 19:33

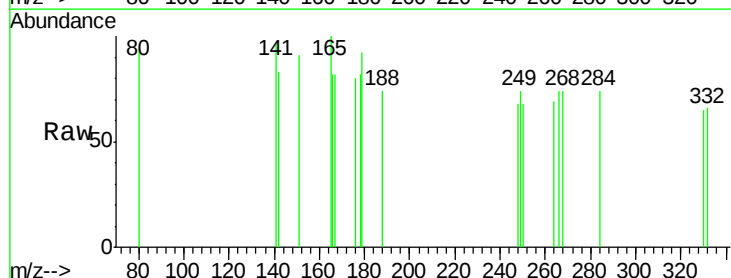
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 93.8 72.5 108.7

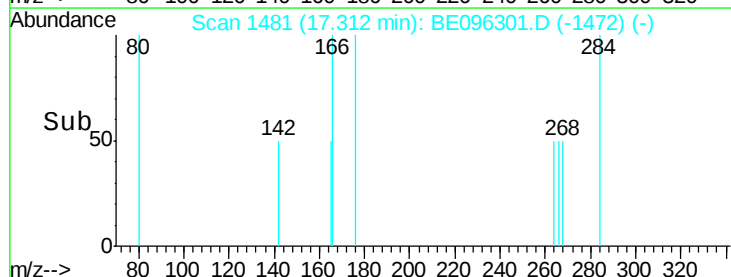
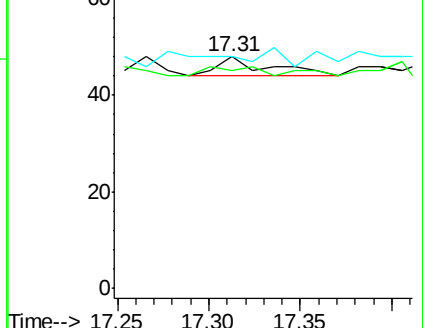
268 100.0 73.8 110.6

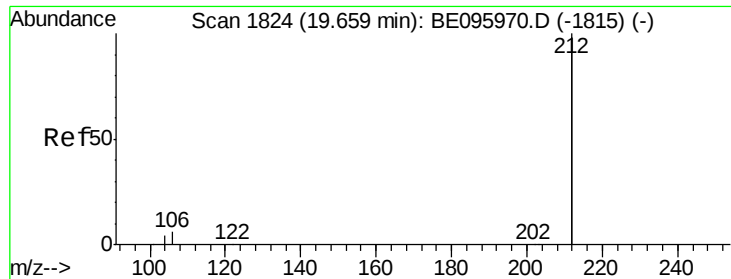


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

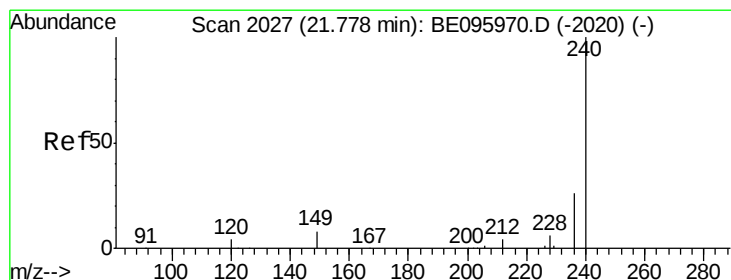
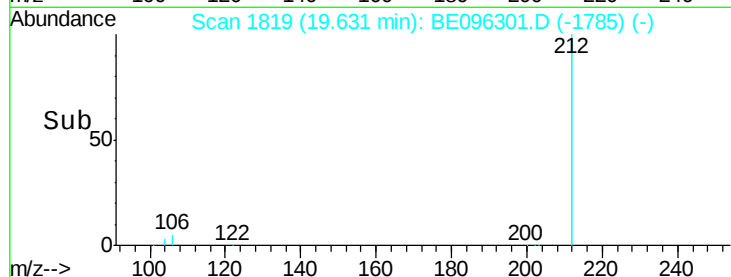
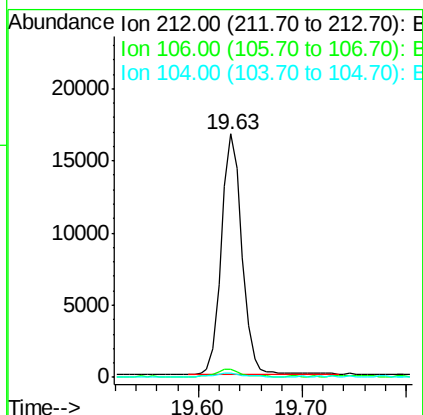
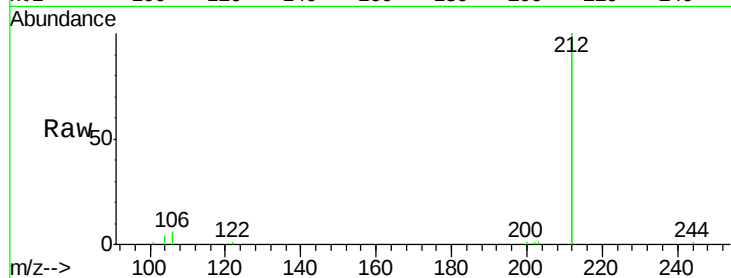




#25
 Fluoranthene-d10
 Concen: 0.369 ng
 RT: 19.63 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BE096301.D
 Acq: 2 May 2018 19:33

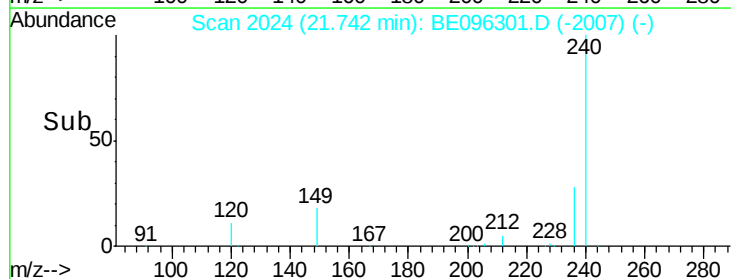
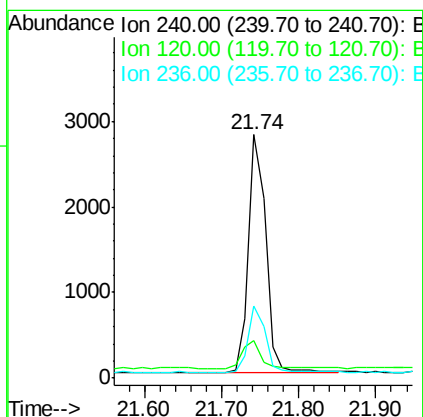
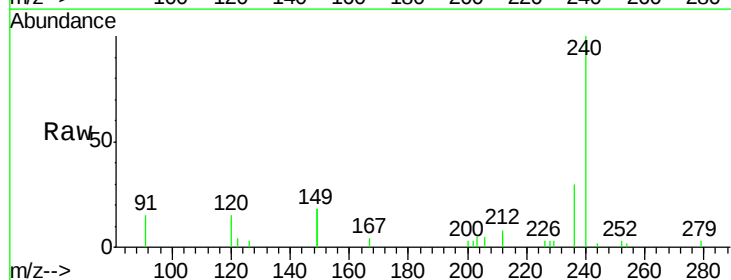
Instrument :
 BNA_E
 ClientSampleId :

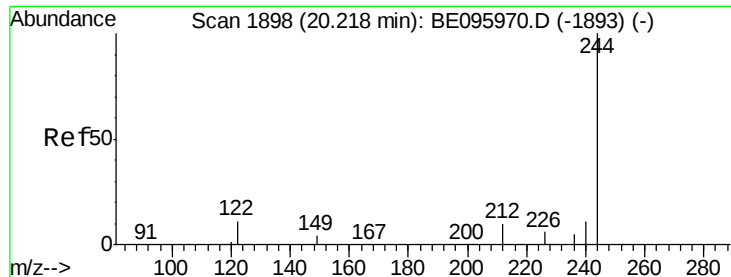
Tot Ion:212 Resp: 22701
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.8 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.74 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BE096301.D
 Acq: 2 May 2018 19:33

Tgt Ion:240 Resp: 4323
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.5 8.3#
 236 29.7 20.7 31.1





#29

Terphenyl-d14

Concen: 0.653 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096301.D

Acq: 2 May 2018 19:33

Instrument :

BNA_E

ClientSampleId :

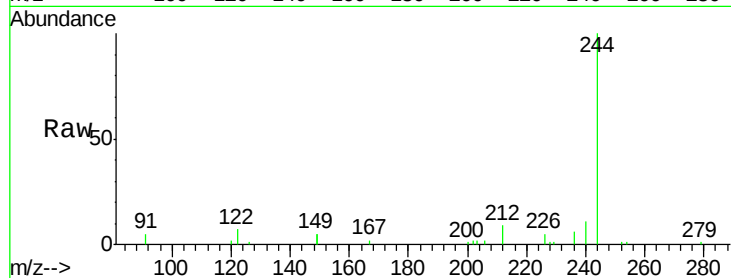
Tot Ion:244 Resp: 6237

Ion Ratio Lower Upper

244 100

212 9.3 25.4 38.0#

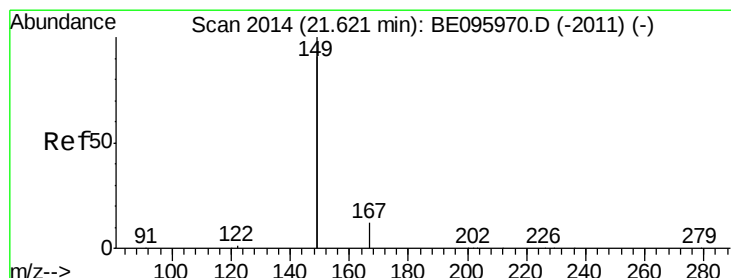
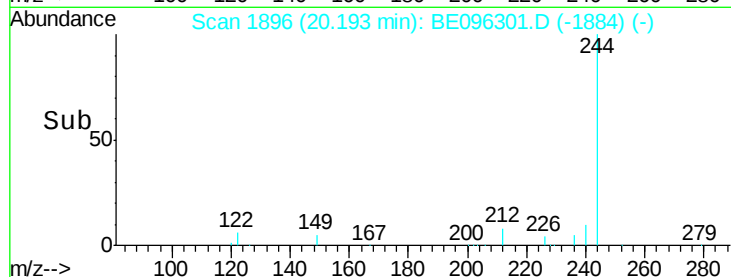
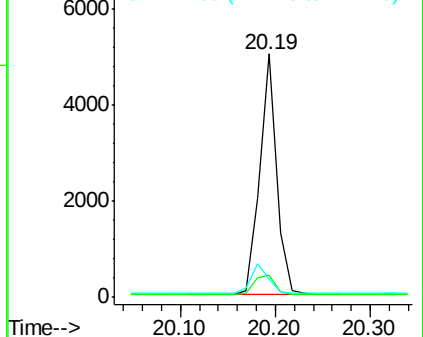
122 7.5 8.1 12.1#



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: 0.153 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096301.D

Acq: 2 May 2018 19:33

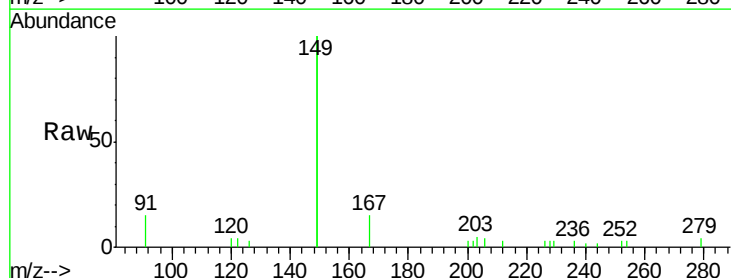
Tgt Ion:149 Resp: 5484

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

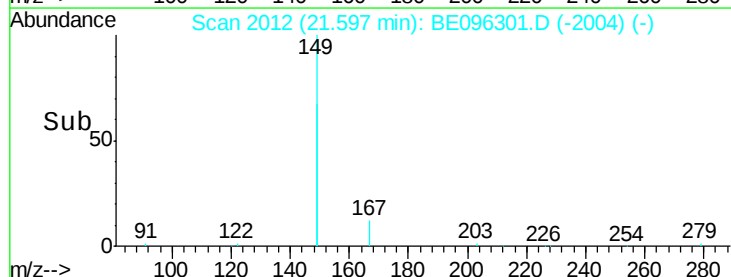
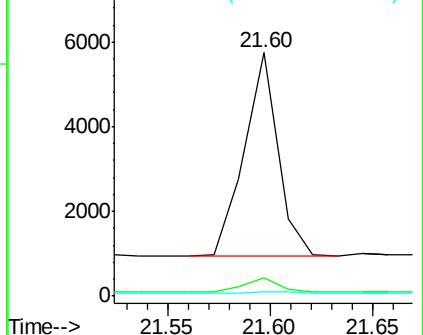
279 1.3 0.7 1.1#

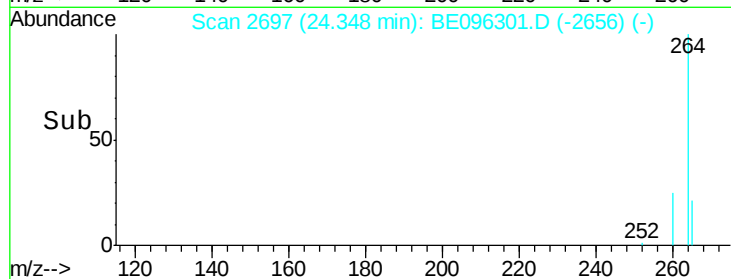
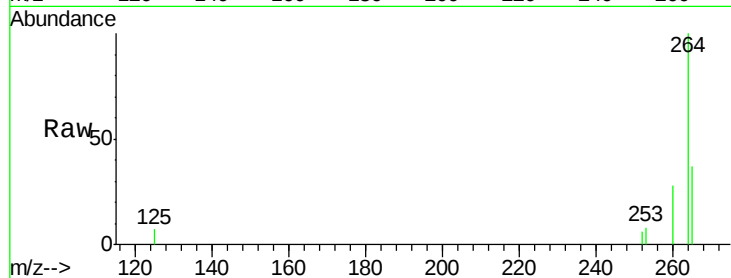


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE096301.D
 Acq: 2 May 2018 19:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.8	20.5	30.7
265	36.7	22.8	34.2

