

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096286.D
 Acq On : 2 May 2018 8:35
 Operator : SJ/JU
 Sample : J2641-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 11:19:45 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

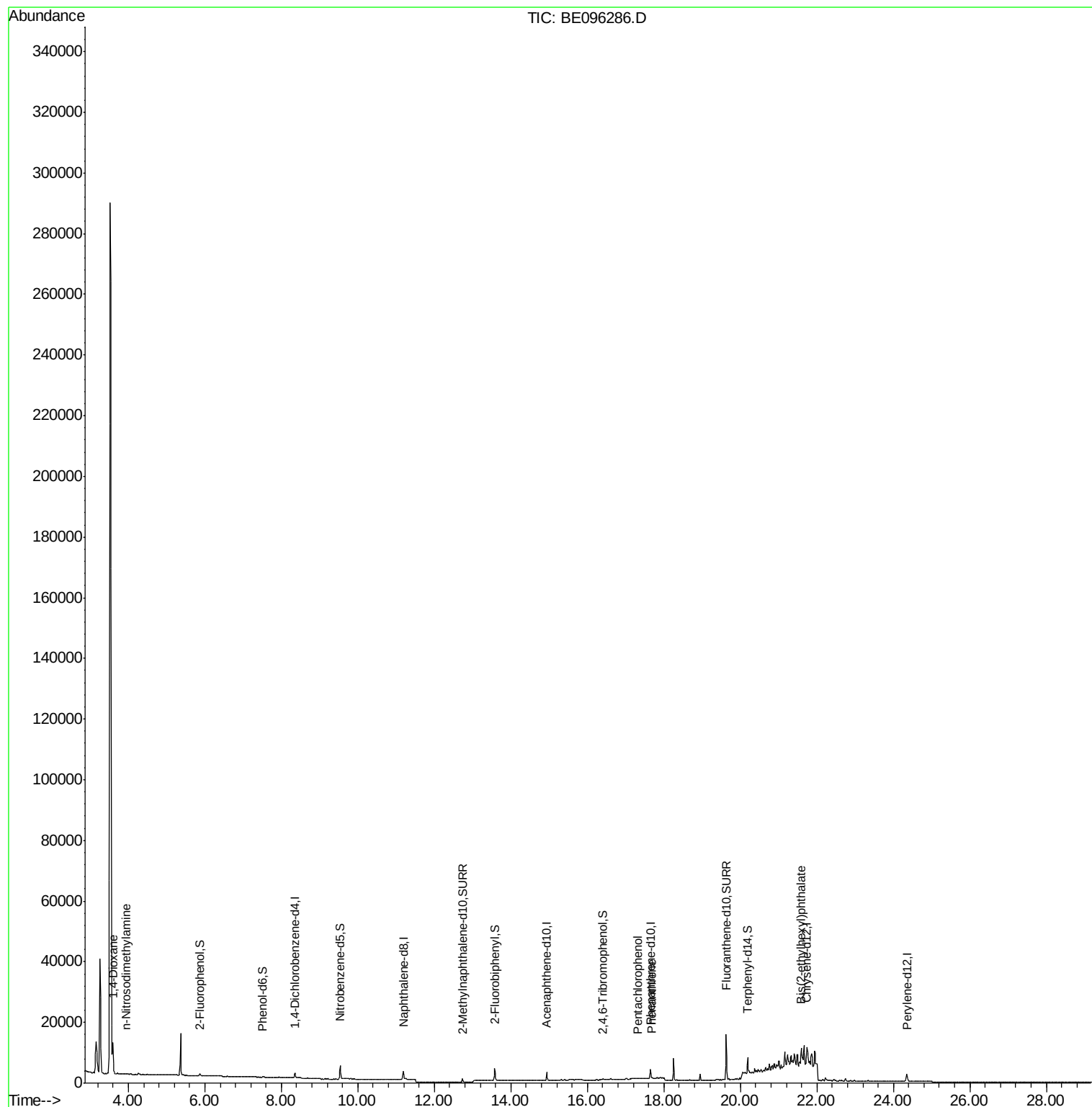
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	837	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3126	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1642	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	4263	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4081	0.40	ng	0.00
34) Perylene-d12	24.35	264	3776	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	351	0.14	ng	0.00
5) Phenol-d6	7.53	99	283	0.08	ng	0.02
8) Nitrobenzene-d5	9.54	82	1703	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1562	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	219	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3564	0.51	ng	0.00
25) Fluoranthene-d10	19.63	212	18989	0.33	ng	0.00
29) Terphenyl-d14	20.19	244	4899	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.59	88	6019	4.655	ng	Qvalue 92
3) n-Nitrosodimethylamine	3.94	42	42	0.027	ng	# 10
22) Pentachlorophenol	17.31	266	17	0.150	ng	94
23) Phenanthrene	17.68	178	242	0.020	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.60	149	4905	0.145	ng	# 95

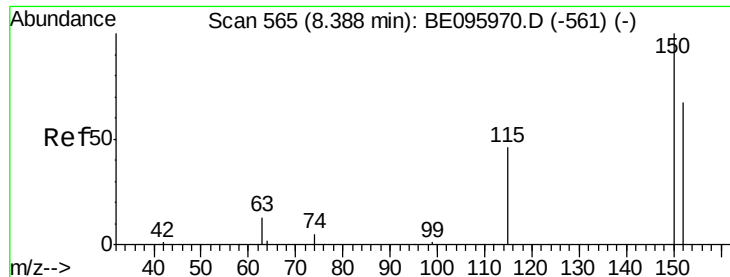
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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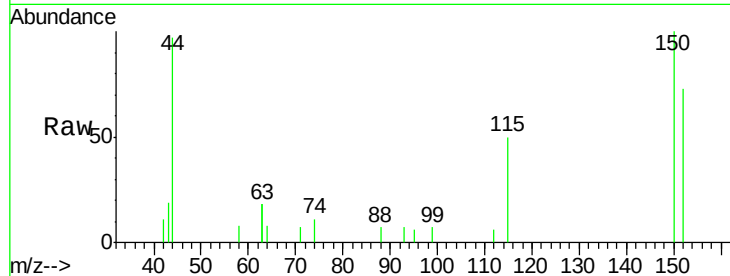


#1

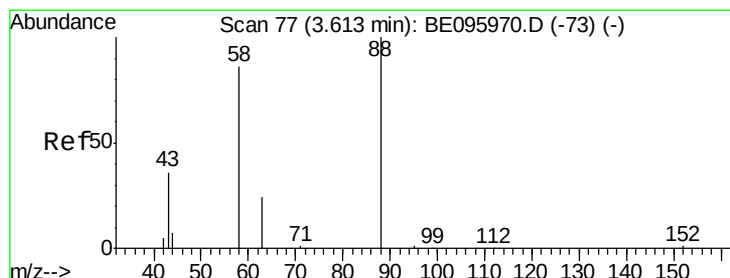
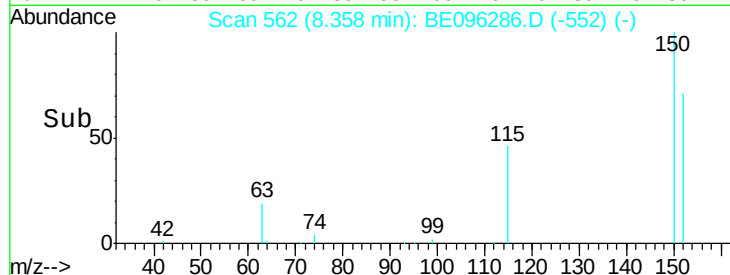
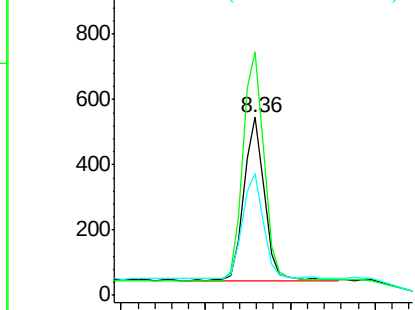
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096286.D
Acq: 2 May 2018 8:35

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 837
Ion Ratio Lower Upper
152 100
150 136.6 117.2 175.8
115 68.1 57.0 85.6



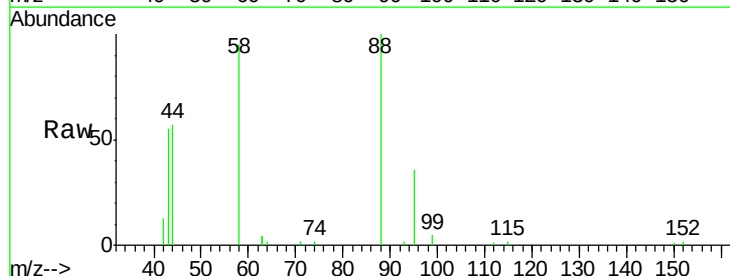
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



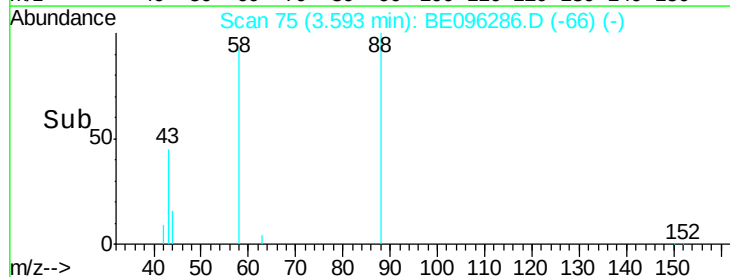
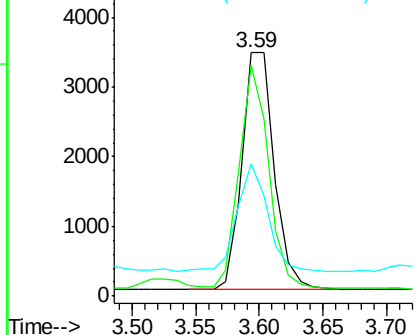
#2

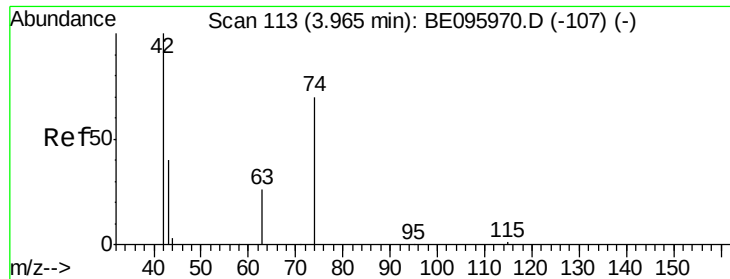
1,4-Dioxane
Concen: 4.655 ng
RT: 3.59 min Scan# 75
Delta R.T. -0.01 min
Lab File: BE096286.D
Acq: 2 May 2018 8:35

Tgt Ion: 88 Resp: 6019
Ion Ratio Lower Upper
88 100
58 83.9 63.2 94.8
43 42.8 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



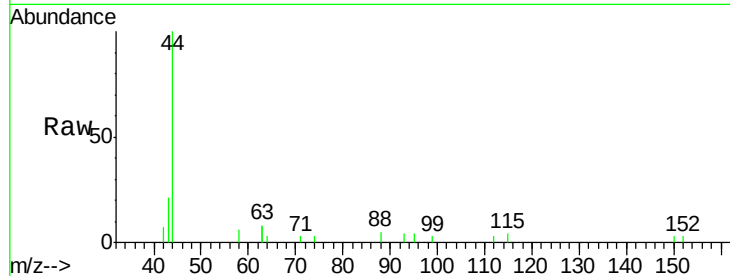


#3

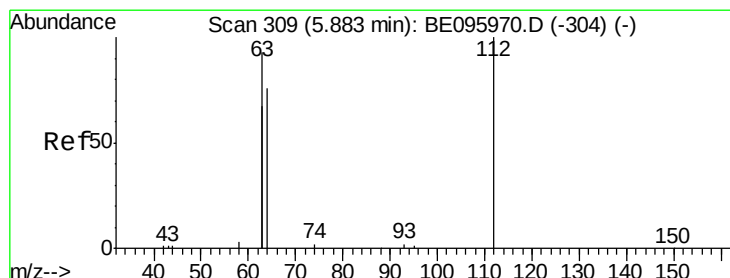
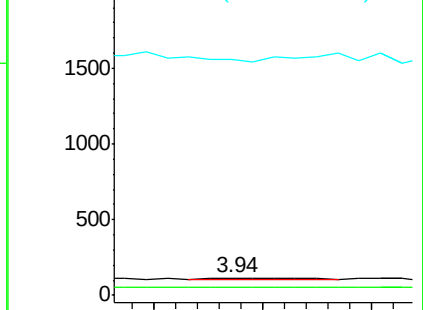
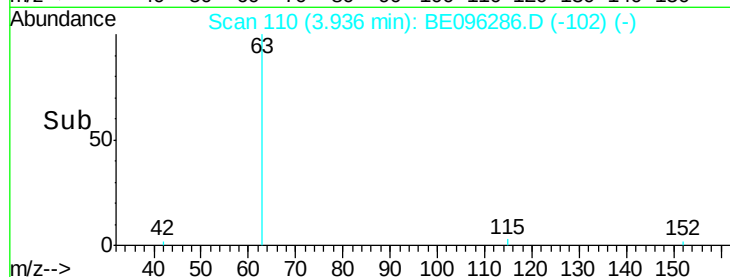
n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.94 min Scan# 110
 Delta R.T. -0.02 min
 Lab File: BE096286.D
 Acq: 2 May 2018 8:35

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	11.9	96.0	144.0#
44	0.0	12.0	18.0#



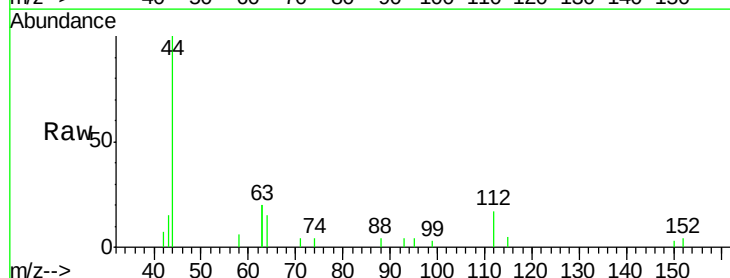
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



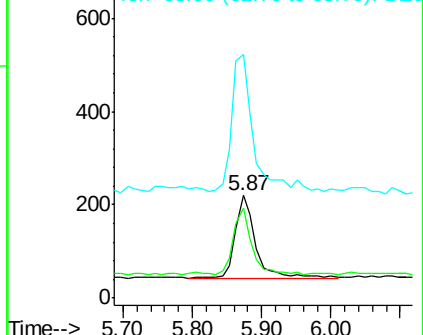
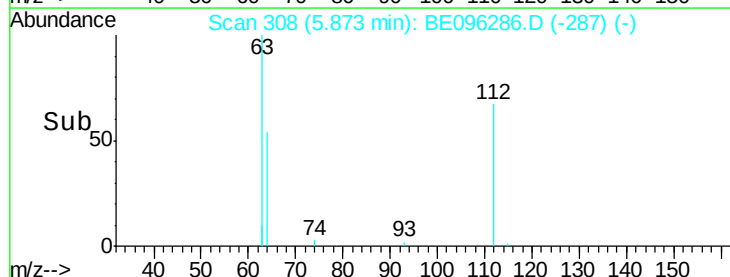
#4

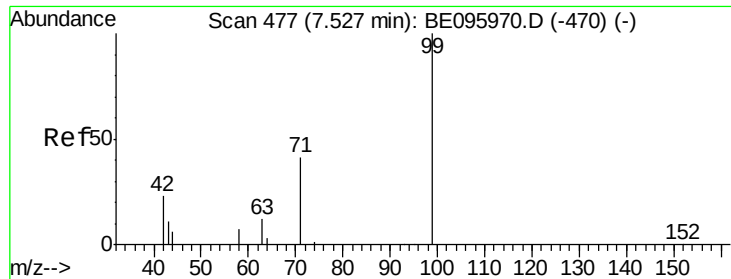
2-Fluorophenol
 Concen: 0.136 ng
 RT: 5.87 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096286.D
 Acq: 2 May 2018 8:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.4	60.1	90.1
63	181.8	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: 0.079 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

Instrument :

BNA_E

ClientSampled :

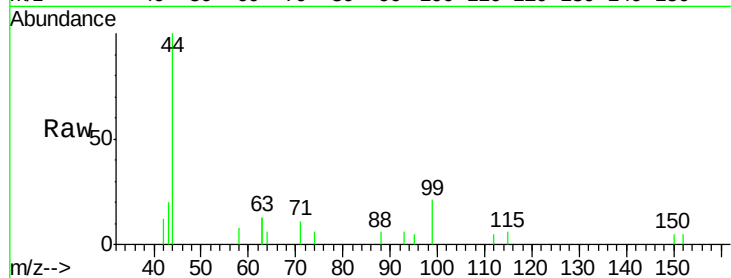
Tot Ion: 99 Resp: 283

Ion Ratio Lower Upper

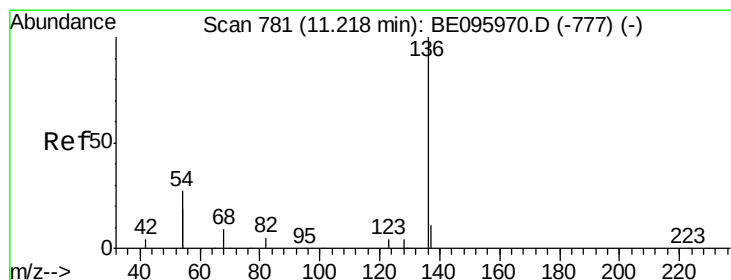
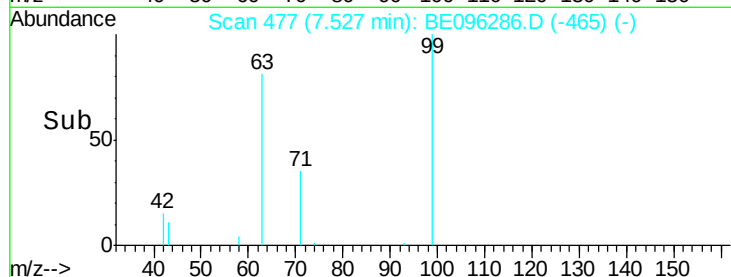
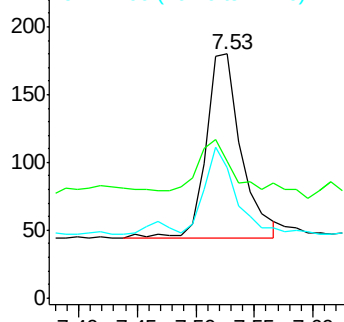
99 100

42 24.4 20.2 30.2

71 38.5 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: BE096286.D

Acq: 2 May 2018 8:35

Tgt Ion: 136 Resp: 3126

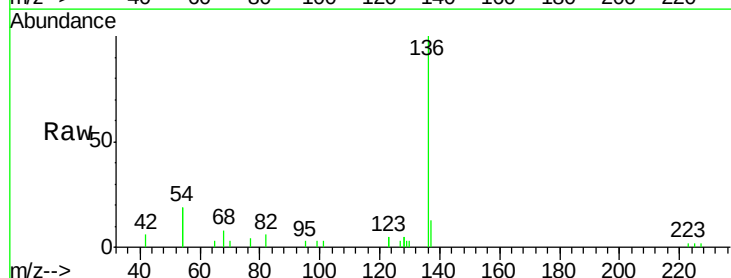
Ion Ratio Lower Upper

136 100

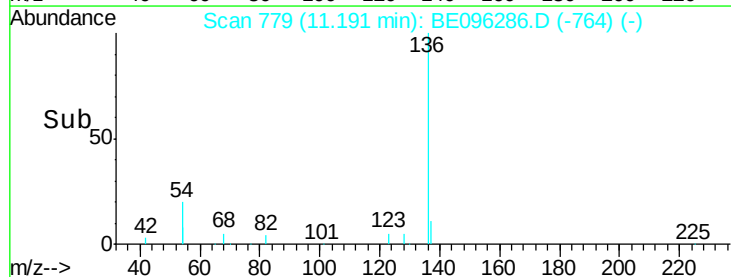
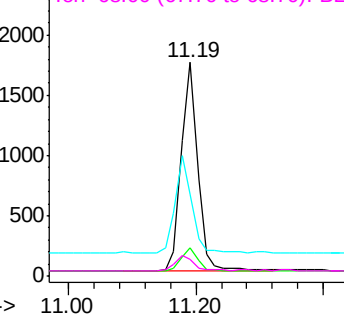
137 13.3 9.5 14.3

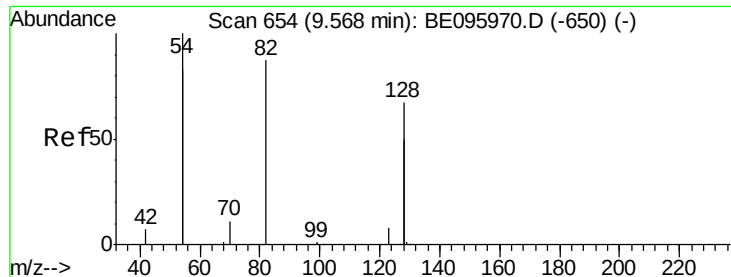
54 38.6 29.1 43.7

68 7.6 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: 0.464 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

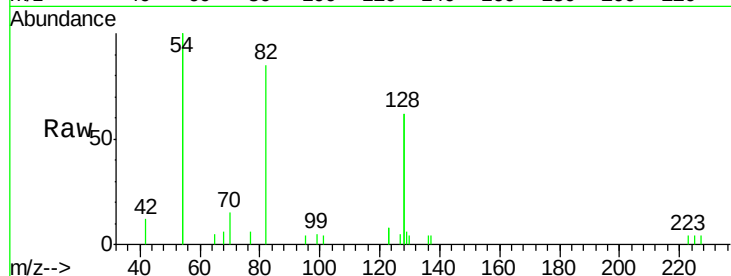
Lab File: BE096286.D

Acq: 2 May 2018 8:35

Instrument :

BNA_E

ClientSampled :



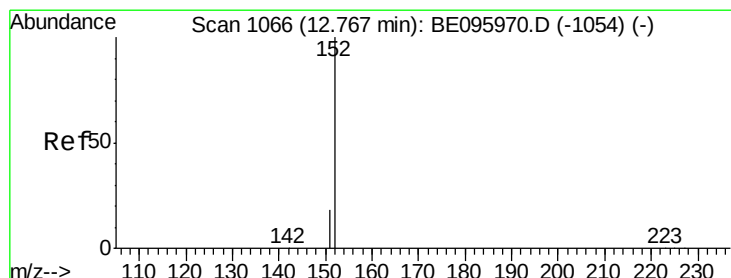
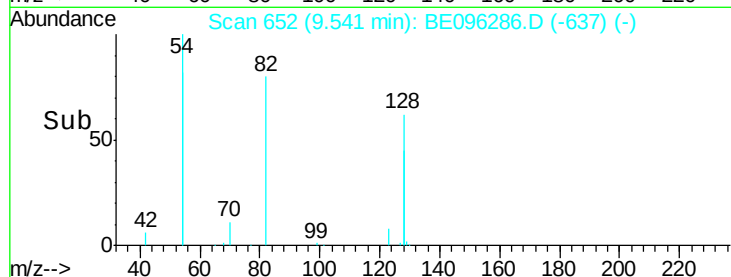
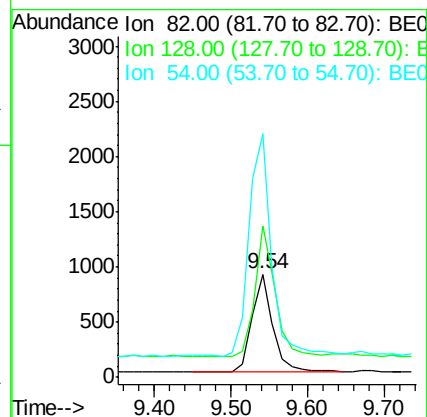
Tot Ion: 82 Resp: 1703

Ion Ratio Lower Upper

82 100

128 147.1 150.0 225.0#

54 236.2 154.2 231.4#



#11

2-Methylnaphthalene-d10

Concen: 0.315 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096286.D

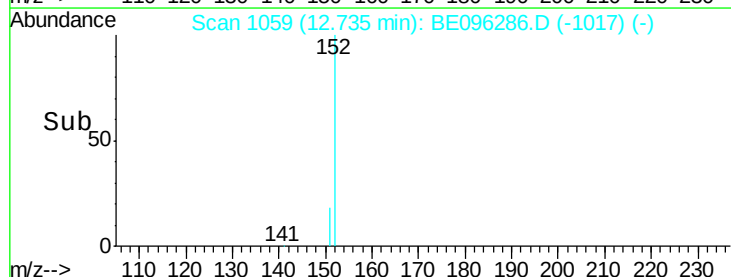
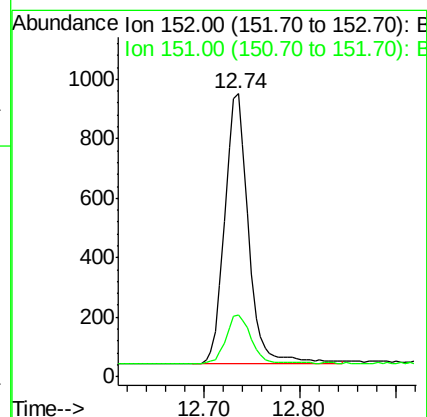
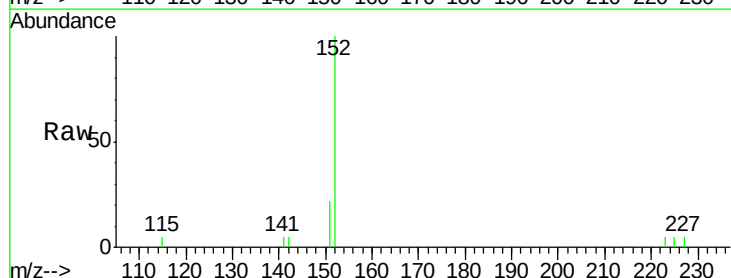
Acq: 2 May 2018 8:35

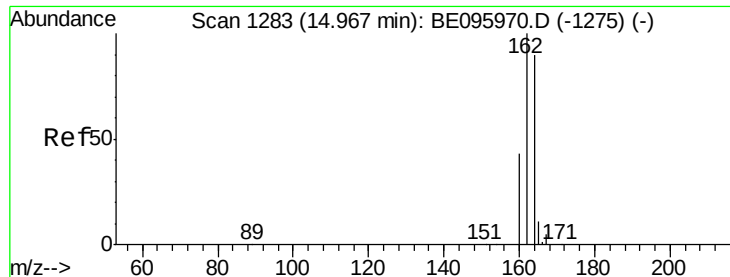
Tgt Ion: 152 Resp: 1562

Ion Ratio Lower Upper

152 100

151 19.3 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: BE096286.D

Acq: 2 May 2018 8:35

Instrument :

BNA_E

ClientSampled :

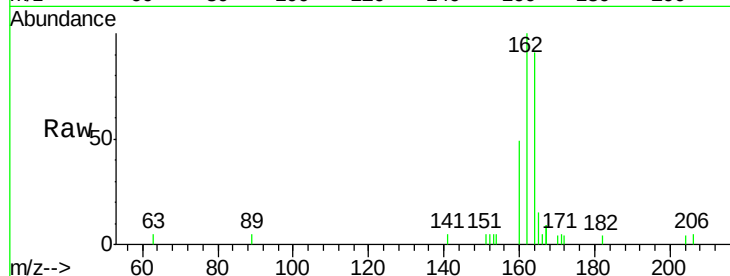
Tot Ion:164 Resp: 1642

Ion Ratio Lower Upper

164 100

162 109.7 83.1 124.7

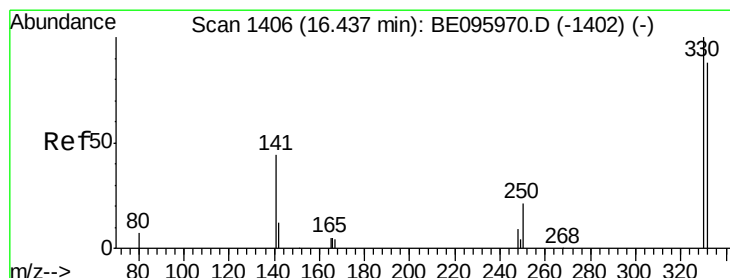
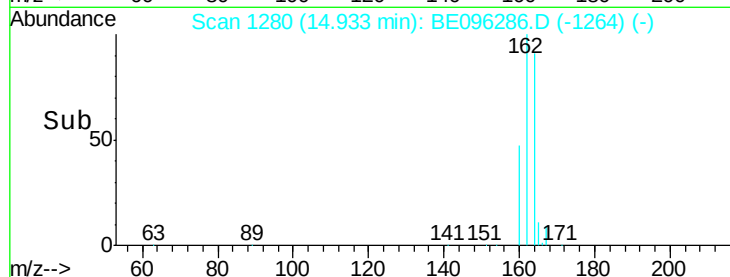
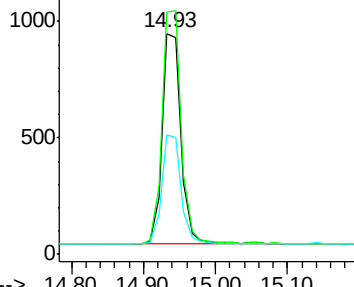
160 53.8 37.1 55.7



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: 0.276 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

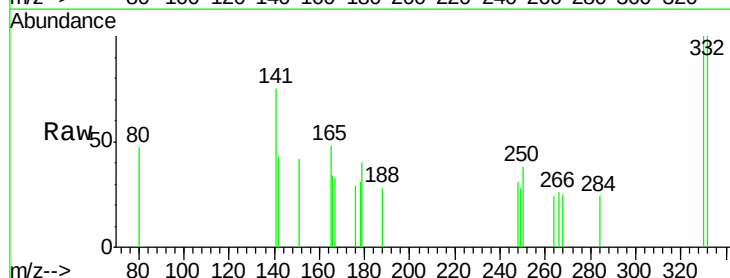
Tgt Ion:330 Resp: 219

Ion Ratio Lower Upper

330 100

332 98.2 152.7 229.1#

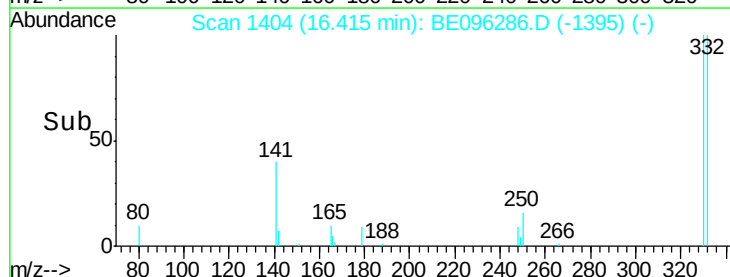
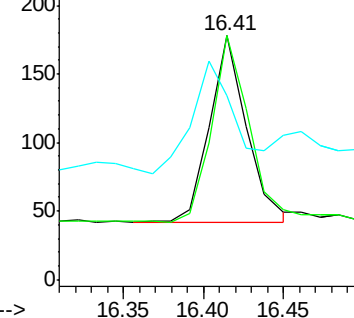
141 70.8 33.7 50.5#

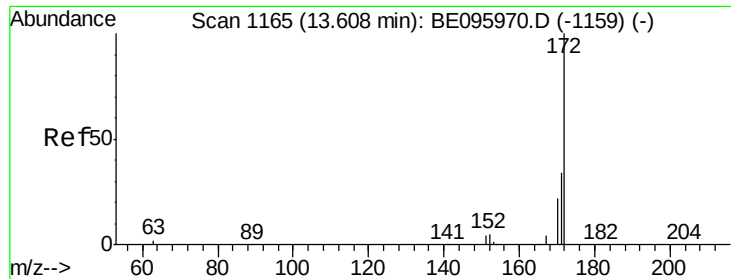


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

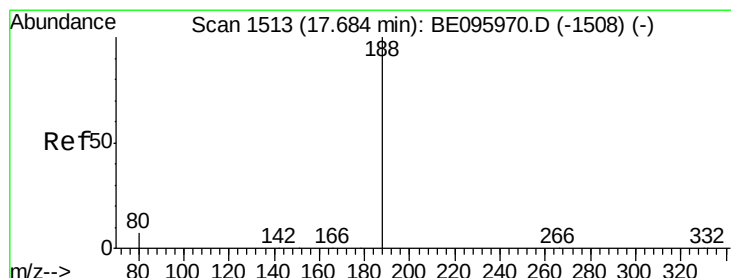
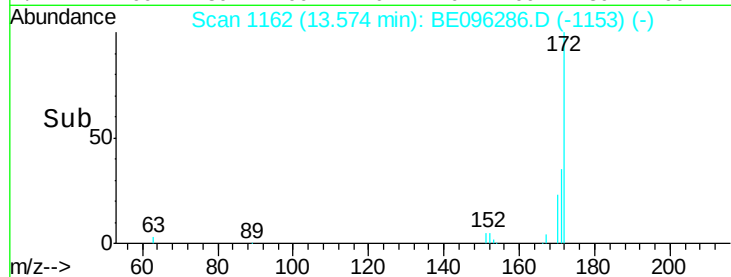
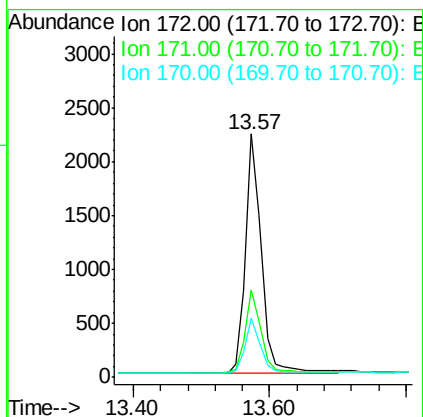
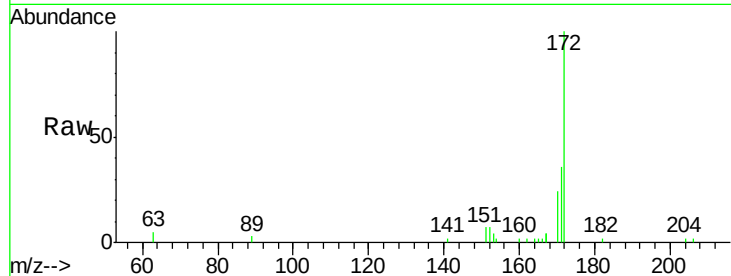




#15
2-Fluorobiphenyl
Concen: 0.507 ng
RT: 13.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE096286.D
Acq: 2 May 2018 8:35

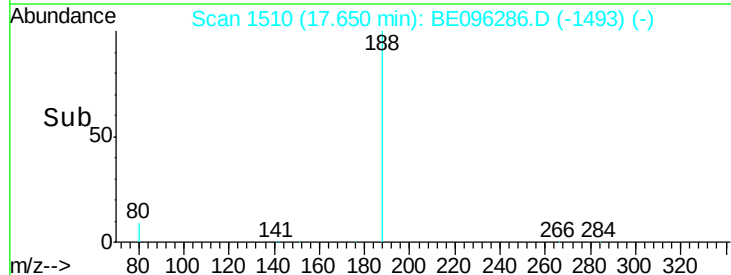
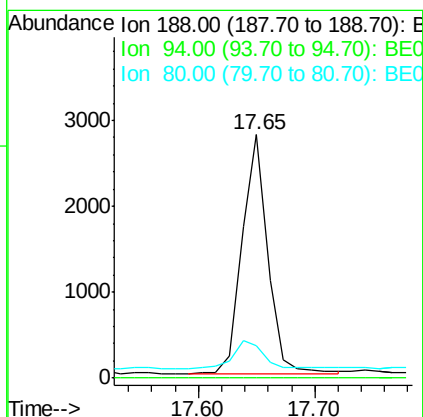
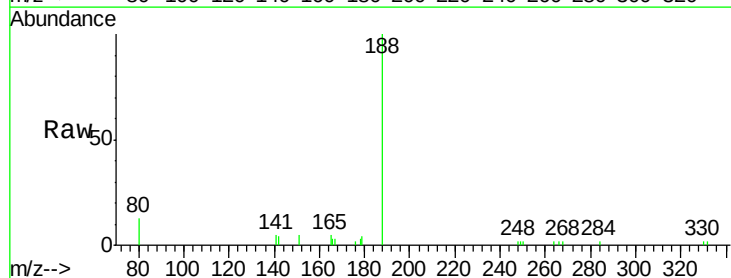
Instrument :
BNA_E
ClientSampleId :

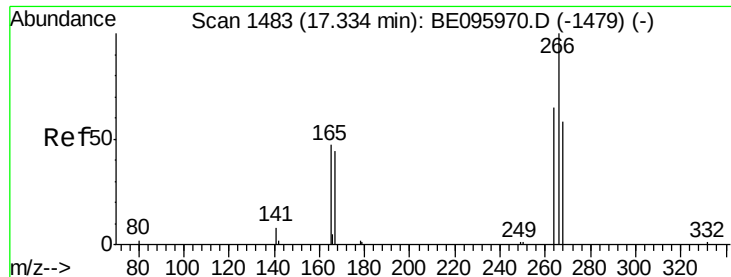
Tot Ion:172 Resp: 3564
Ion Ratio Lower Upper
172 100
171 36.0 29.9 44.9
170 24.3 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096286.D
Acq: 2 May 2018 8:35

Tgt Ion:188 Resp: 4263
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.2 3.6 5.4#

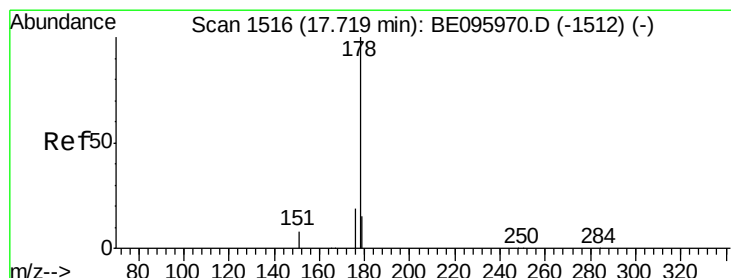
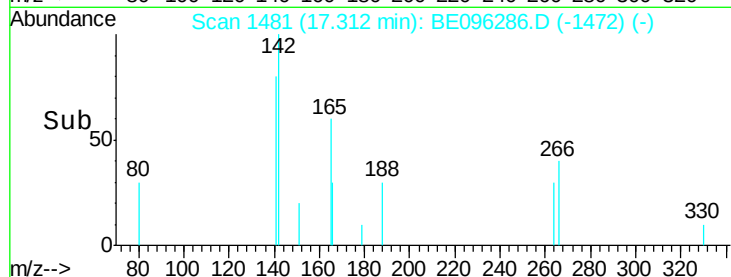
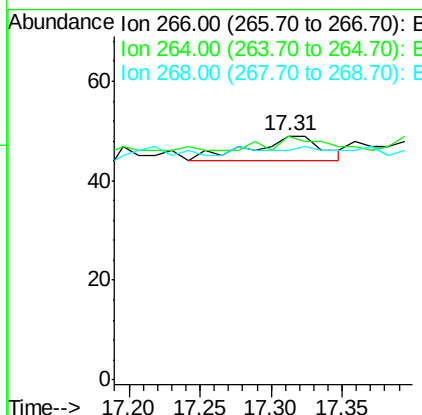
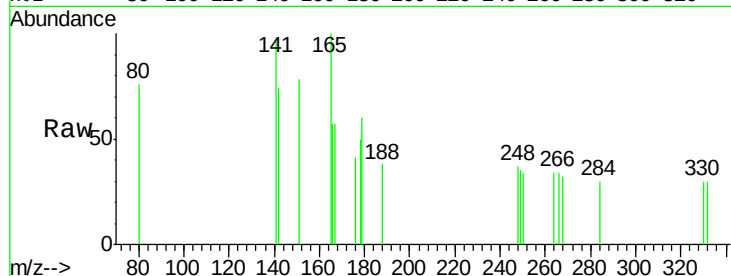




#22
 Pentachlorophenol
 Concen: 0.150 ng
 RT: 17.31 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BE096286.D
 Acq: 2 May 2018 8:35

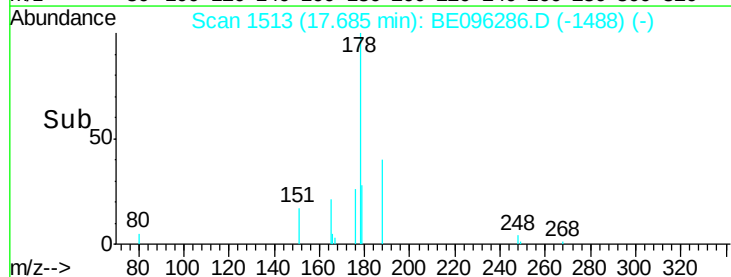
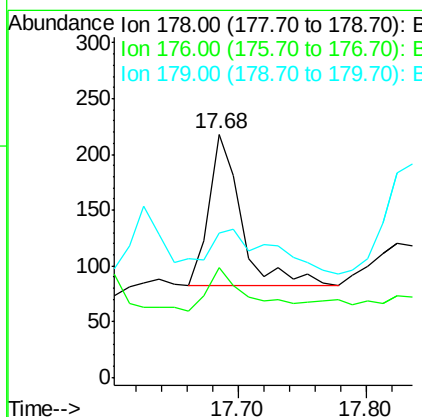
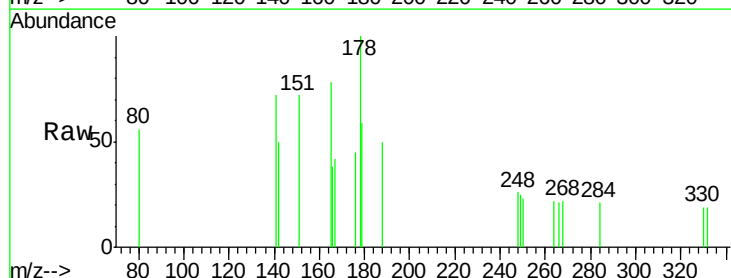
Instrument :
 BNA_E
 ClientSampled :

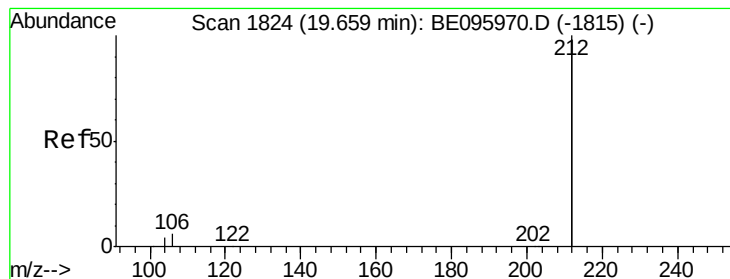
Tot Ion:266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 264 100.0 72.5 108.7
 268 93.9 73.8 110.6



#23
 Phenanthrene
 Concen: 0.020 ng
 RT: 17.68 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BE096286.D
 Acq: 2 May 2018 8:35

Tgt Ion:178 Resp: 242
 Ion Ratio Lower Upper
 178 100
 176 32.2 15.1 22.7#
 179 0.0 11.8 17.6#





#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 19.63 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

Instrument :

BNA_E

ClientSampleId :

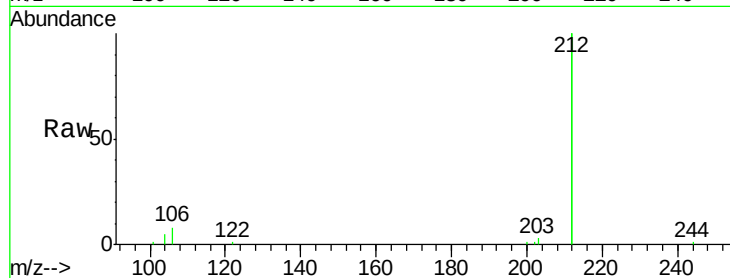
Tot Ion:212 Resp: 18989

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

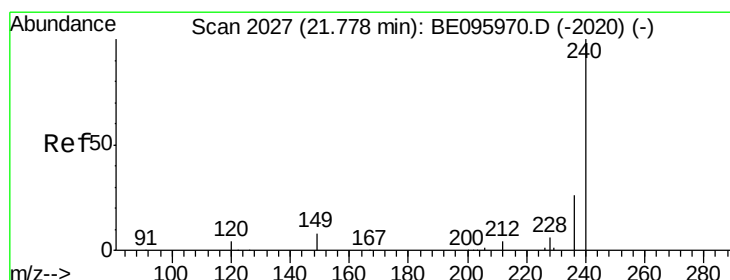
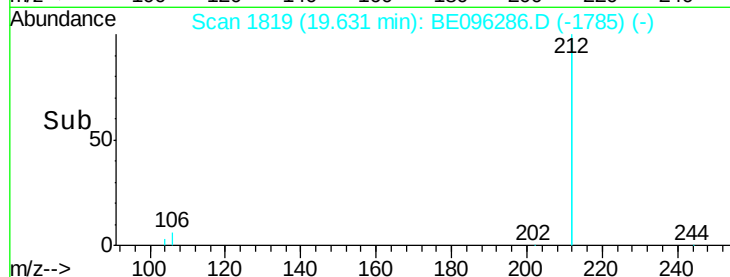
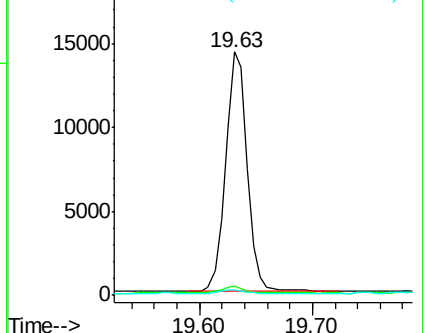
104 1.9 1.6 2.4



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: BE096286.D

Acq: 2 May 2018 8:35

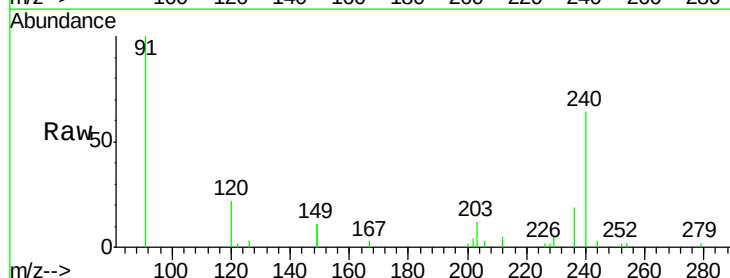
Tgt Ion:240 Resp: 4081

Ion Ratio Lower Upper

240 100

120 34.9 5.5 8.3#

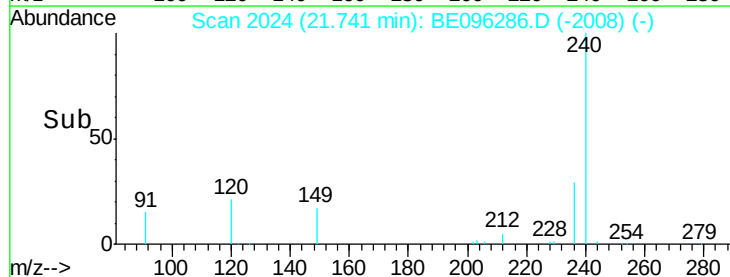
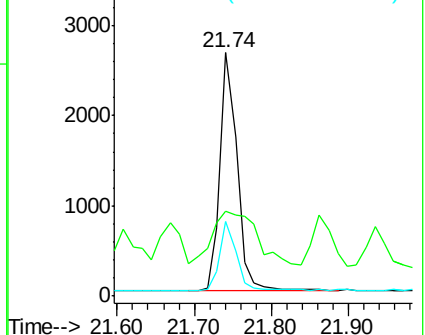
236 30.5 20.7 31.1

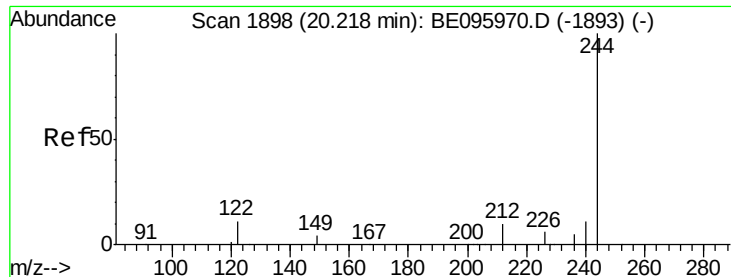


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.543 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

Instrument :

BNA_E

ClientSampled :

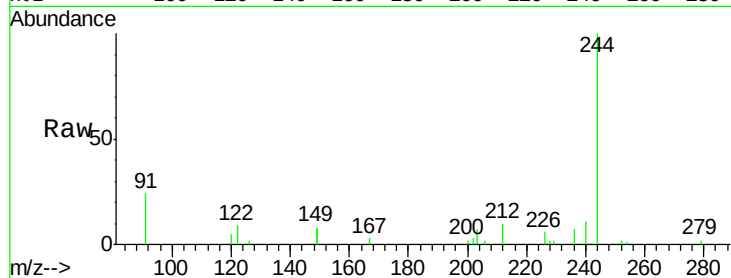
Tot Ion:244 Resp: 4899

Ion Ratio Lower Upper

244 100

212 10.5 25.4 38.0#

122 8.7 8.1 12.1



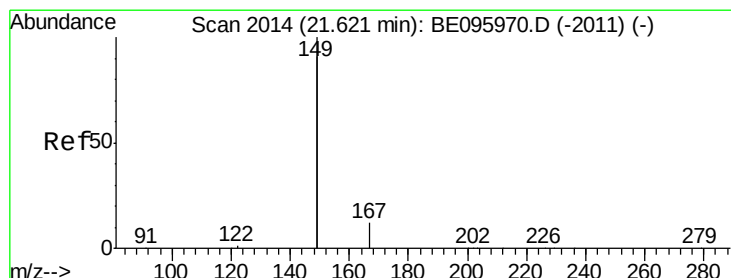
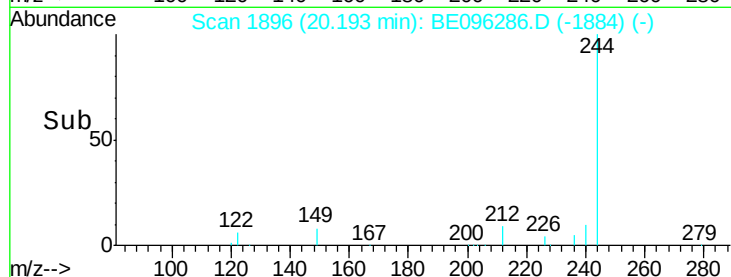
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.19

Time--> 20.00 20.10 20.20 20.30



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.145 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

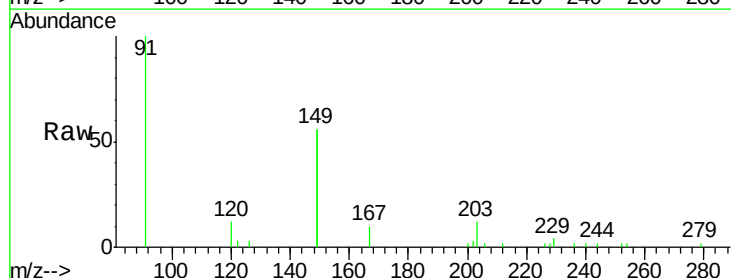
Tgt Ion:149 Resp: 4905

Ion Ratio Lower Upper

149 100

167 8.7 5.4 8.0#

279 0.9 0.7 1.1



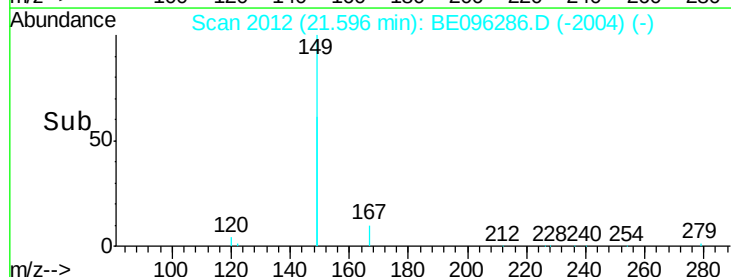
Abundance Ion 149.00 (148.70 to 149.70): E

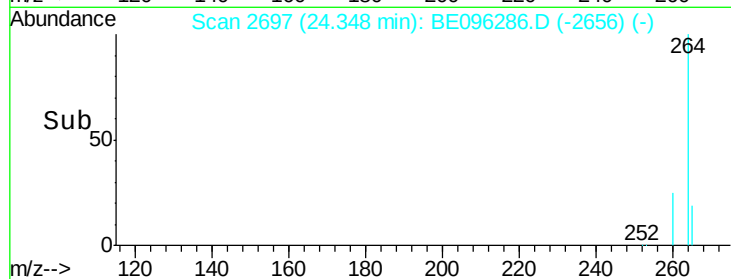
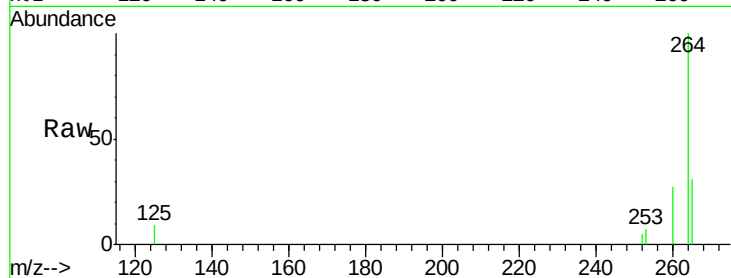
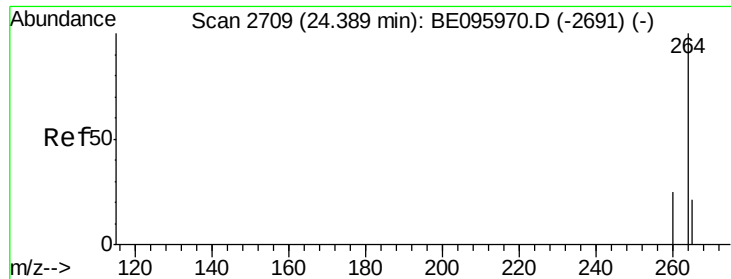
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.60

Time--> 21.50 21.60 21.70





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 3776

Ion Ratio Lower Upper

264 100

260 27.4 20.5 30.7

265 31.1 22.8 34.2

