

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
 Data File : BE097121.D
 Acq On : 31 Jul 2018 14:16
 Operator : SJ/JU
 Sample : J4211-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-072618

Quant Time: Jul 31 15:14:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 10:49:28 2018
 Response via : Initial Calibration

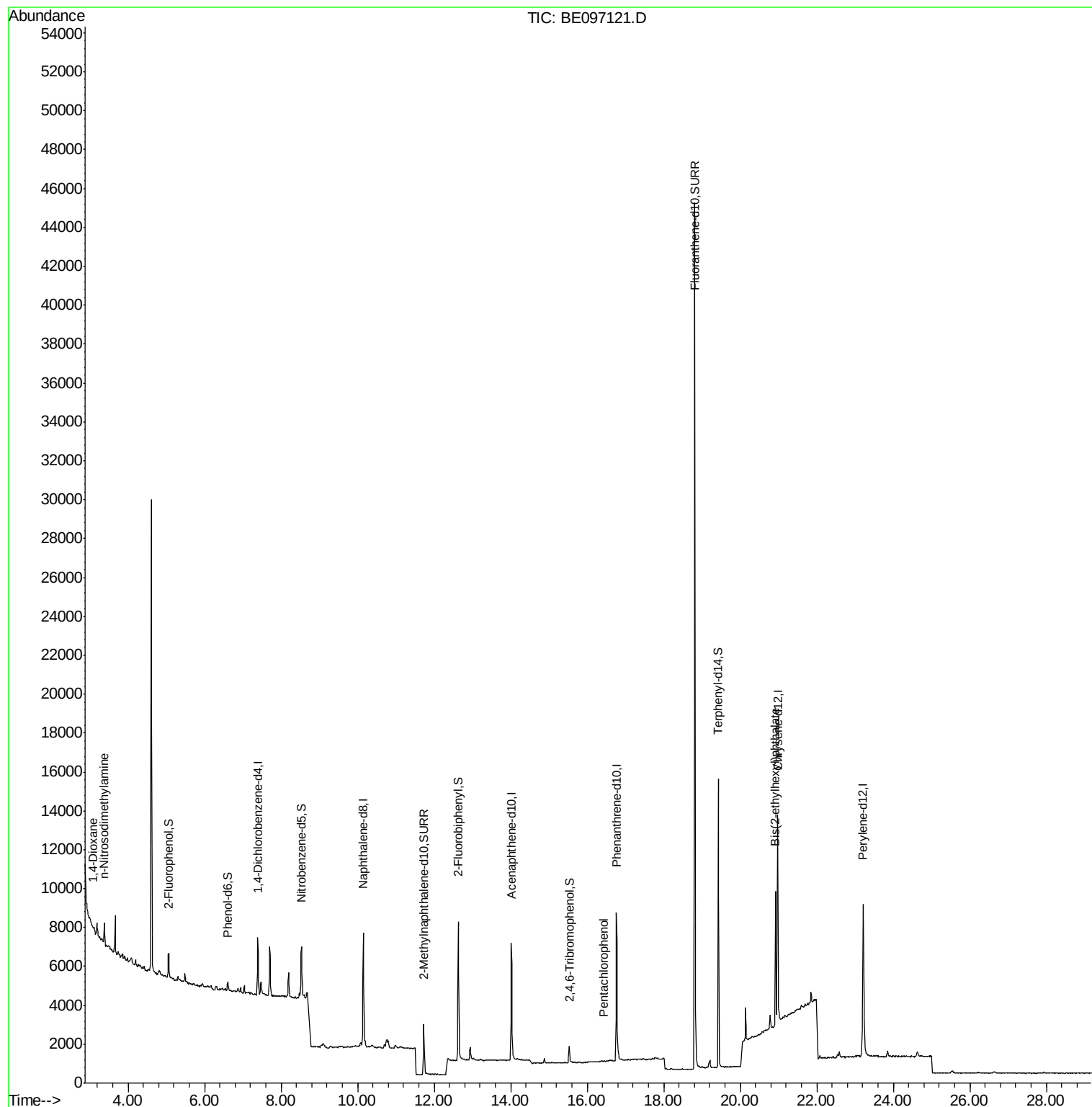
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1334	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6286	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3938	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11773	0.40	ng	0.00
27) Chrysene-d12	20.98	240	12131	0.40	ng	0.00
34) Perylene-d12	23.21	264	11951	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	623	0.17	ng	0.01
5) Phenol-d6	6.61	99	499	0.09	ng	0.01
8) Nitrobenzene-d5	8.53	82	2546	0.47	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	3824	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	577	0.45	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	6484	0.48	ng	0.00
25) Fluoranthene-d10	18.81	212	57520	0.49	ng	0.00
29) Terphenyl-d14	19.43	244	12896	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	53	0.025	ng	# 16
3) n-Nitrosodimethylamine	3.37	42	79	0.033	ng	# 11
22) Pentachlorophenol	16.44	266	12	0.043	ng	96
32) Bis(2-ethylhexyl)phthalate	20.92	149	8829	0.280	ng	# 99

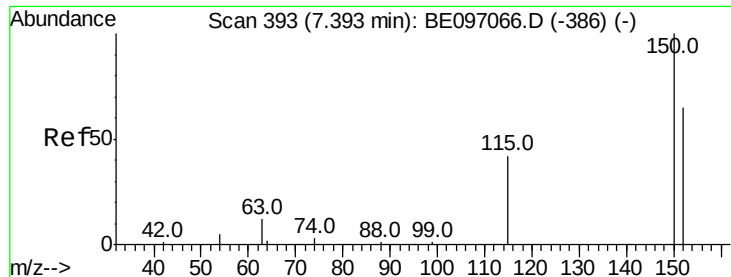
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

FB-072618

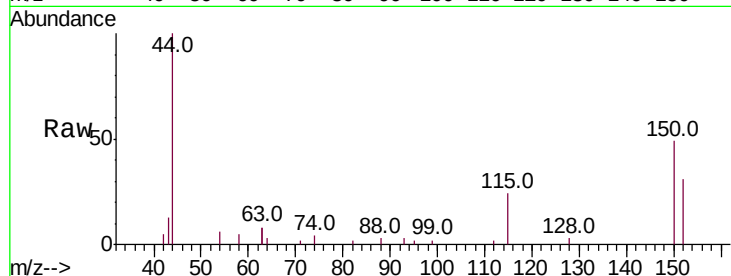
Tot Ion:152 Resp: 1334

Ion Ratio Lower Upper

152 100

150 159.2 117.2 175.8

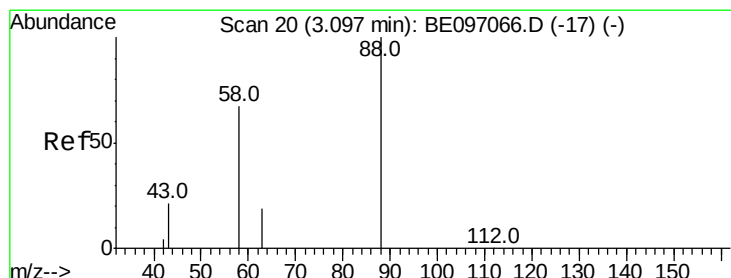
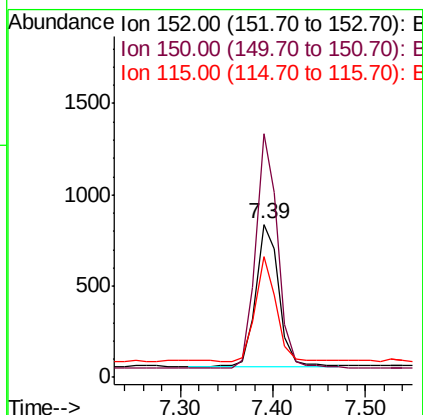
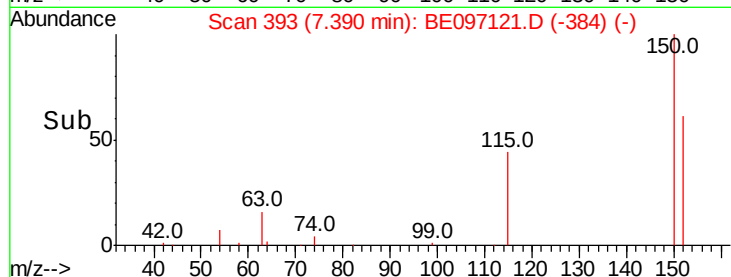
115 79.1 57.0 85.6



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: 0.025 ng

RT: 3.07 min Scan# 18

Delta R.T. -0.02 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

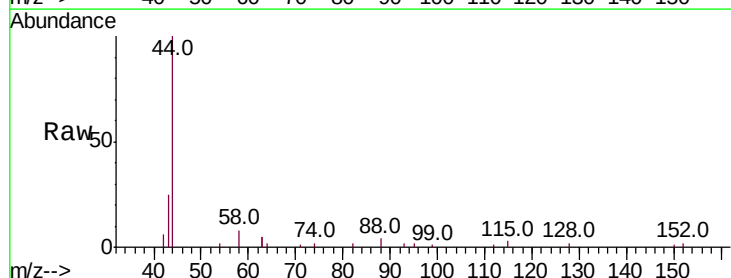
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

58 0.0 63.2 94.8#

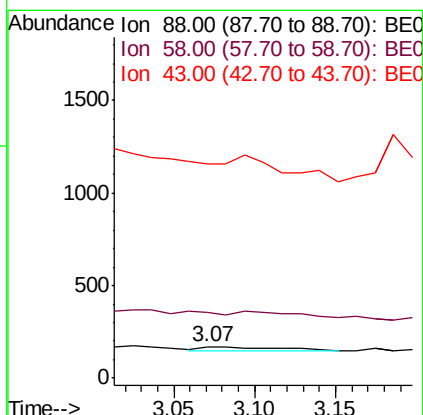
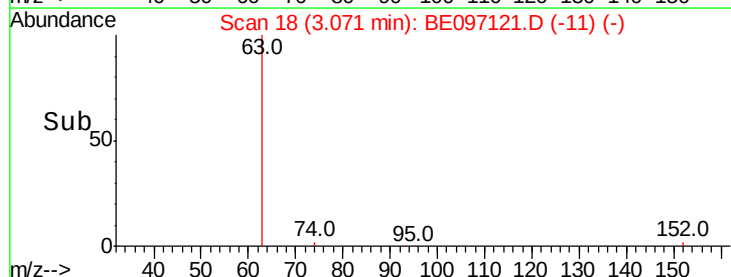
43 0.0 41.2 61.8#

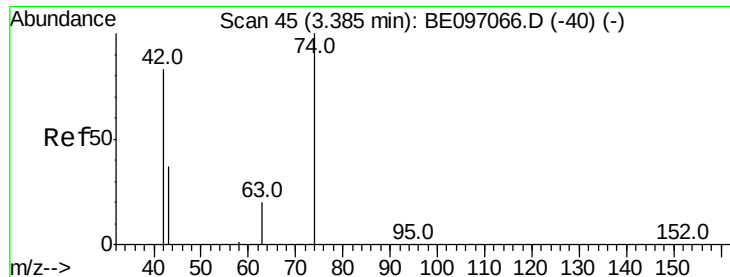


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

Instrument :

BNA_E

ClientSampled :

FB-072618

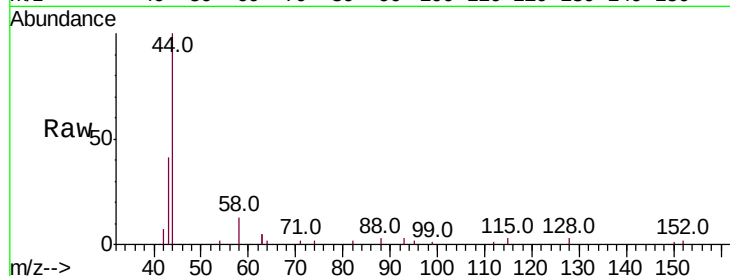
Tot Ion: 42 Resp: 79

Ion Ratio Lower Upper

42 100

74 13.9 96.0 144.0#

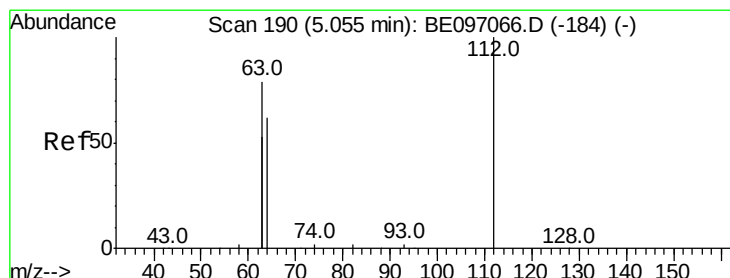
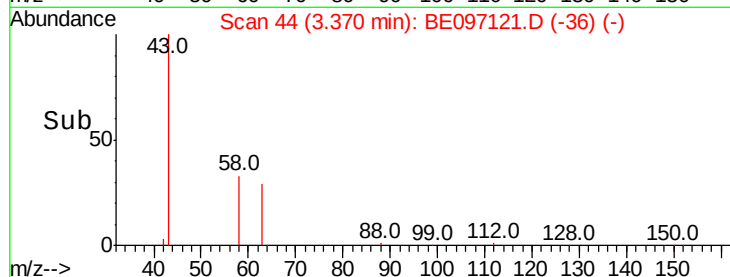
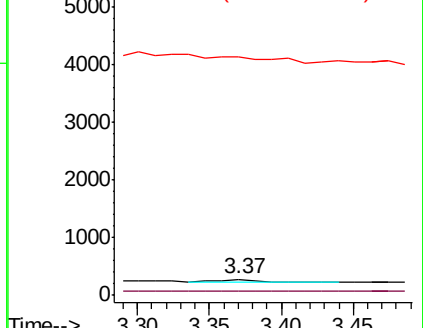
44 0.0 12.0 18.0#



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: 0.166 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

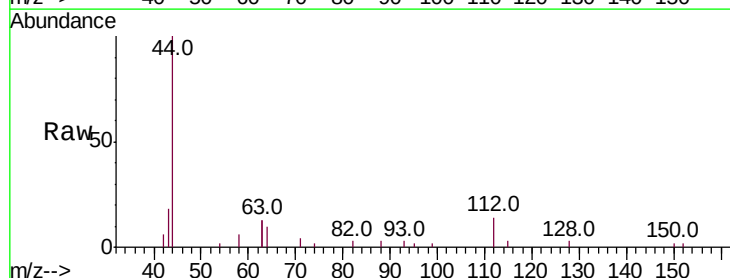
Tgt Ion: 112 Resp: 623

Ion Ratio Lower Upper

112 100

64 76.7 60.1 90.1

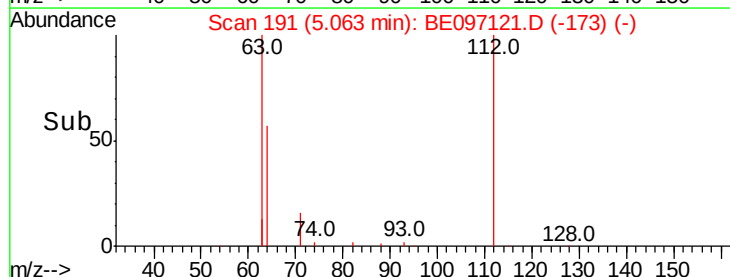
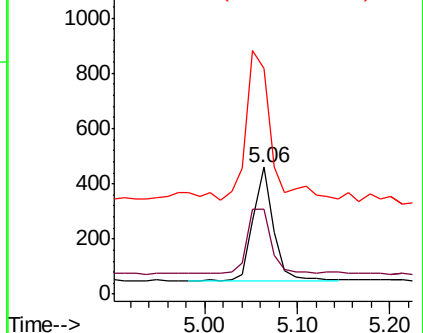
63 158.9 116.8 175.2

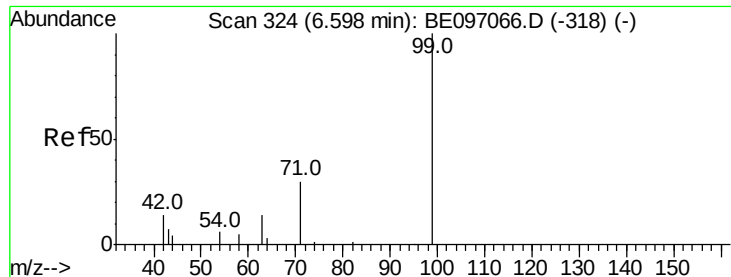


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.091 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

FB-072618

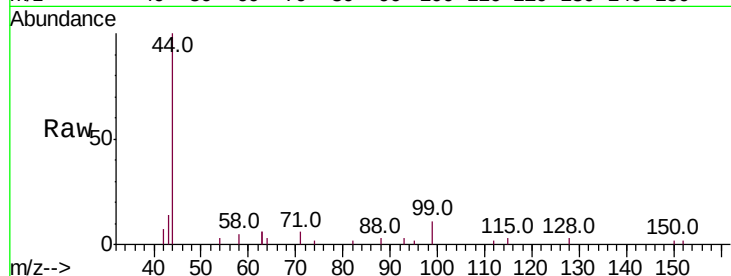
Tot Ion: 99 Resp: 499

Ion Ratio Lower Upper

99 100

42 32.7 20.2 30.2#

71 43.1 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

6.61

300

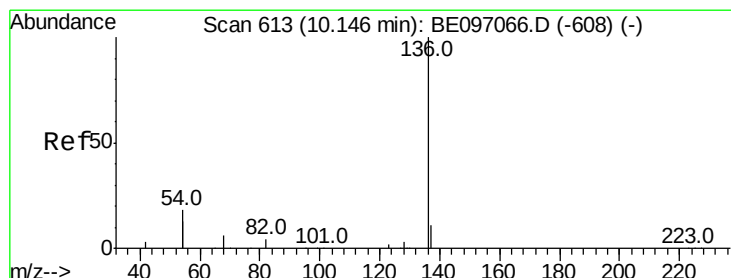
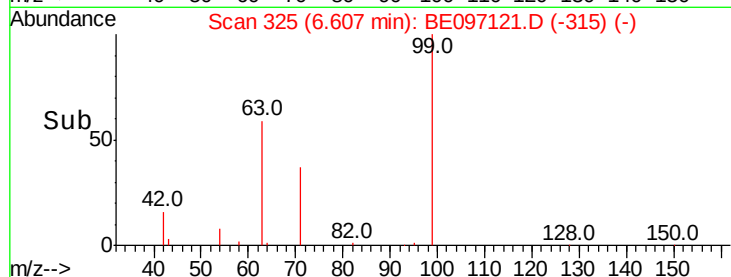
200

100

0

6.55 6.60 6.65

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

Tgt Ion:136 Resp: 6286

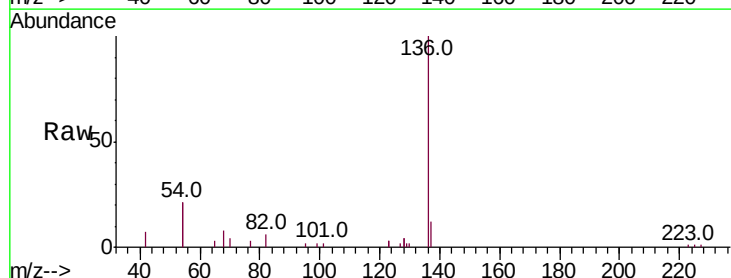
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 42.6 29.1 43.7

68 8.5 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

10.14

5000

4000

3000

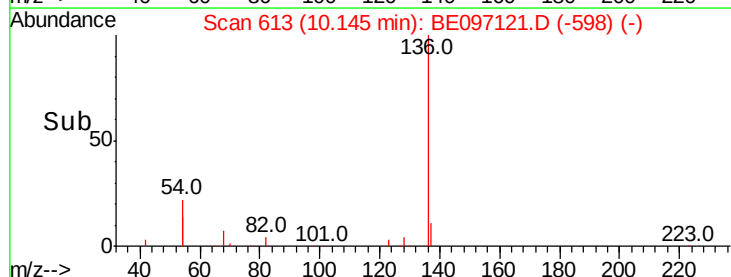
2000

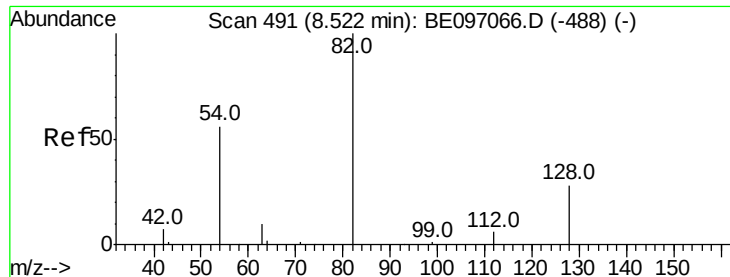
1000

0

10.00 10.10 10.20 10.30

Time-->





#8

Nitrobenzene-d5

Concen: 0.466 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

FB-072618

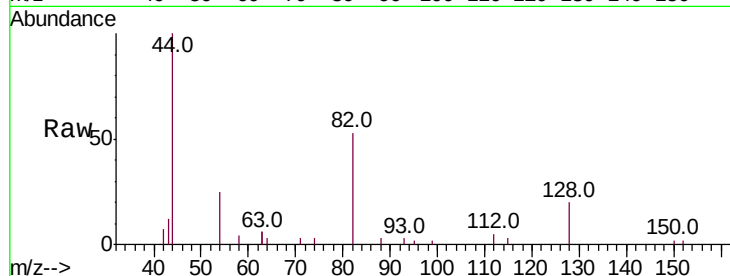
Tot Ion: 82 Resp: 2546

Ion Ratio Lower Upper

82 100

128 37.0 24.0 36.0#

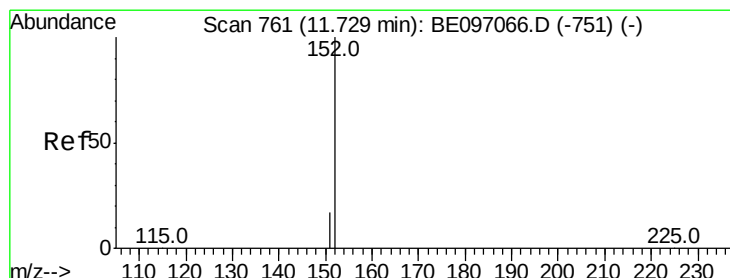
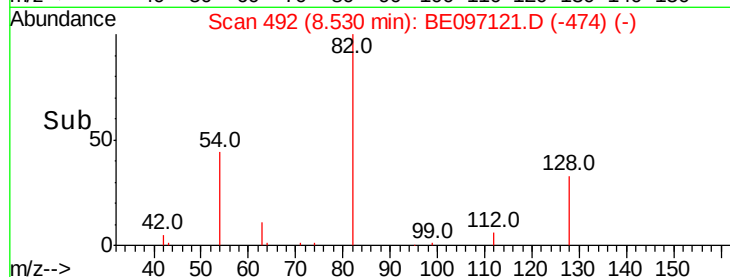
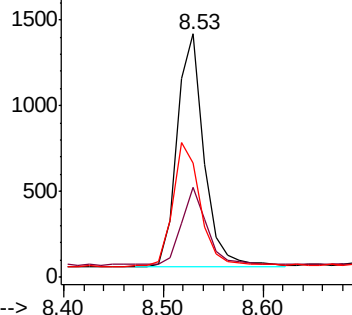
54 46.9 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.01 min

Lab File: BE097121.D

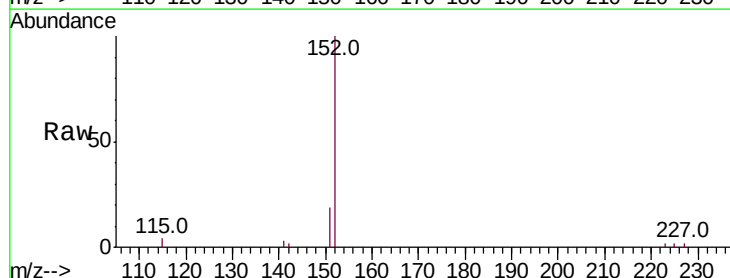
Acq: 31 Jul 2018 14:16

Tgt Ion: 152 Resp: 3824

Ion Ratio Lower Upper

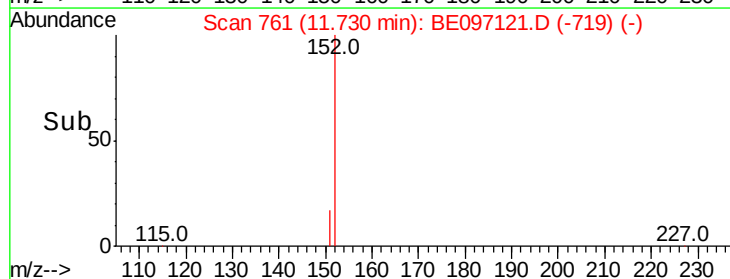
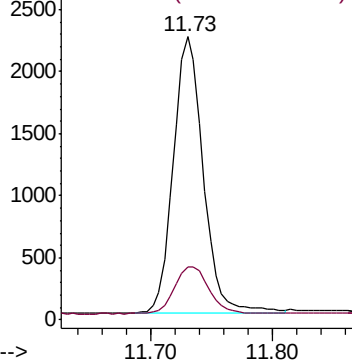
152 100

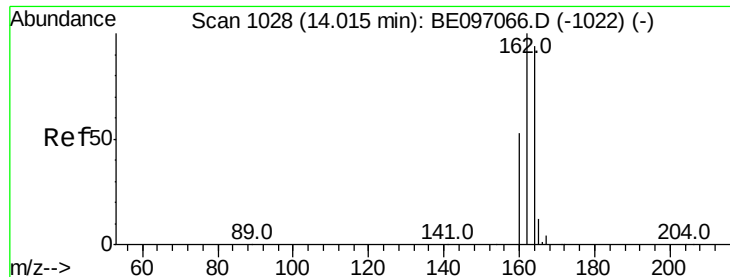
151 20.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

FB-072618

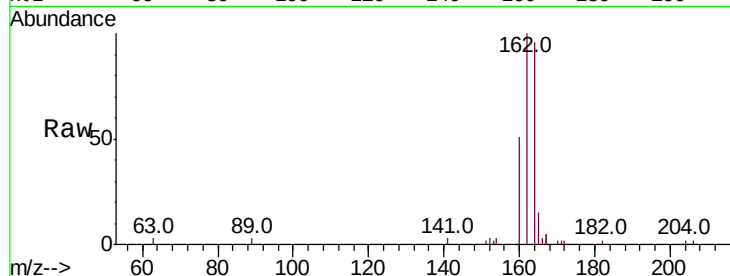
Tot Ion:164 Resp: 3938

Ion Ratio Lower Upper

164 100

162 104.2 83.1 124.7

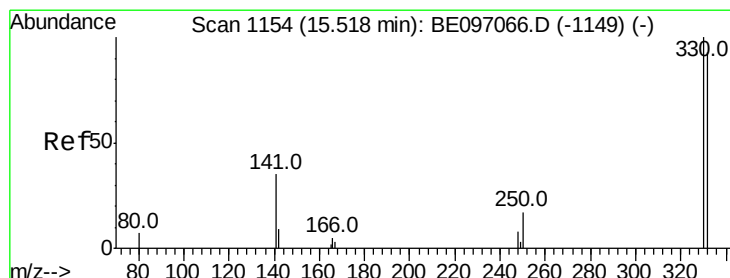
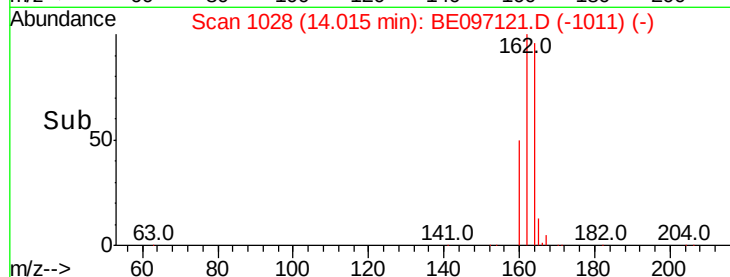
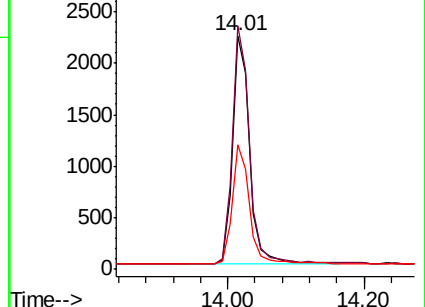
160 53.4 37.1 55.7



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: 0.445 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

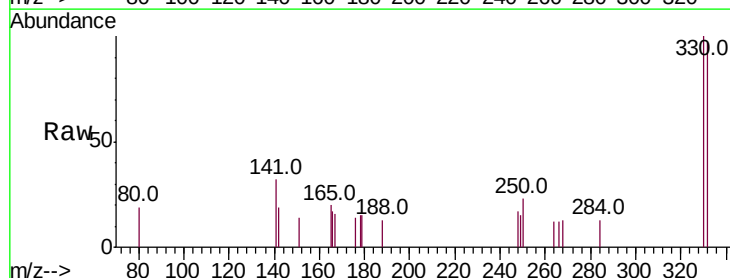
Tgt Ion:330 Resp: 577

Ion Ratio Lower Upper

330 100

332 96.5 152.7 229.1#

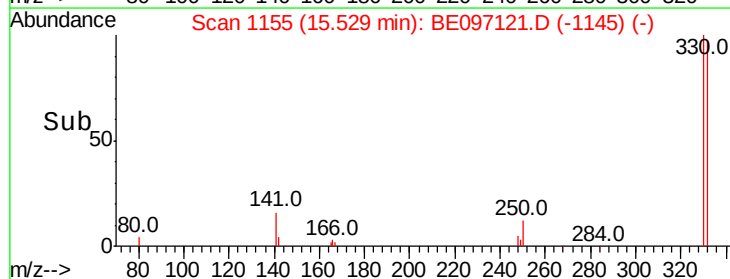
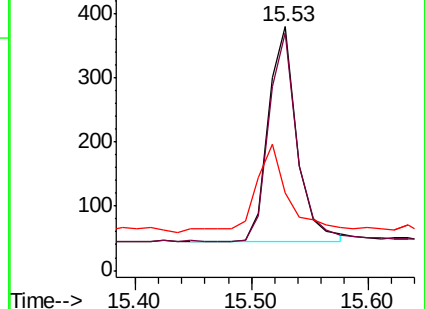
141 39.0 33.7 50.5

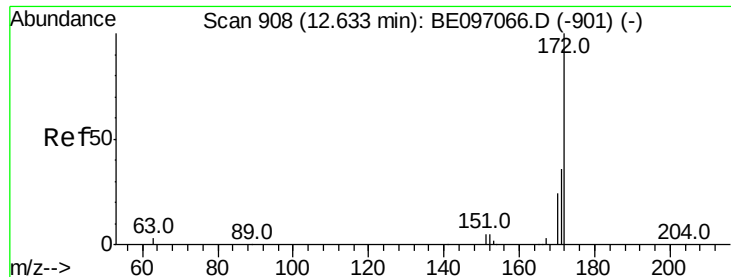


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

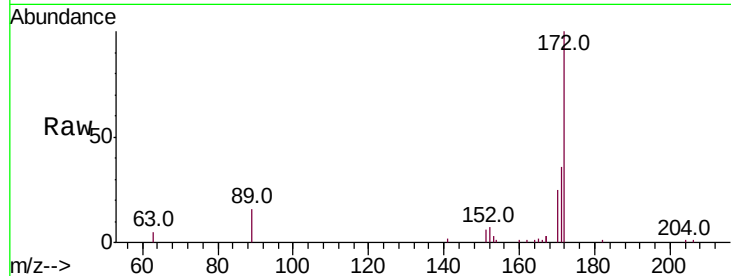




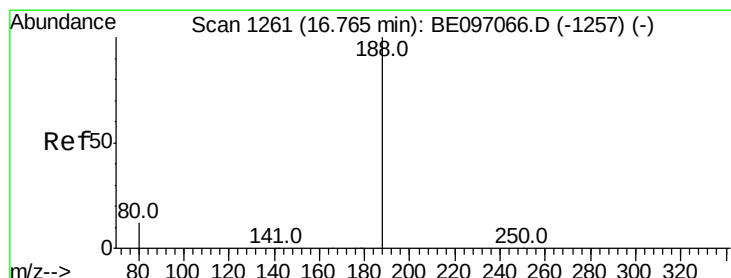
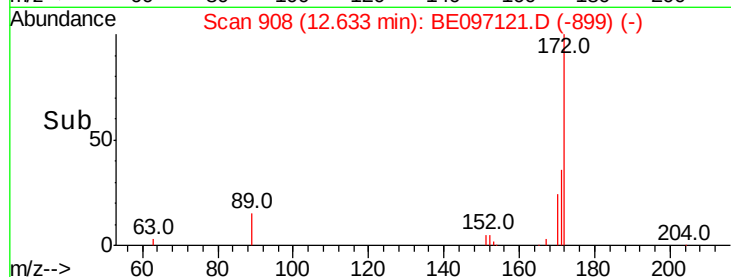
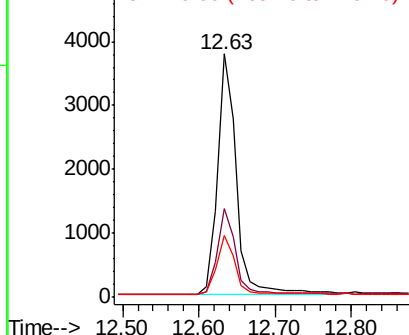
#15
2-Fluorobiphenyl
Concen: 0.477 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097121.D
Acq: 31 Jul 2018 14:16

Instrument :
BNA_E
ClientSampleId :
FB-072618

Tot Ion:172 Resp: 6484
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 25.4 21.8 32.8

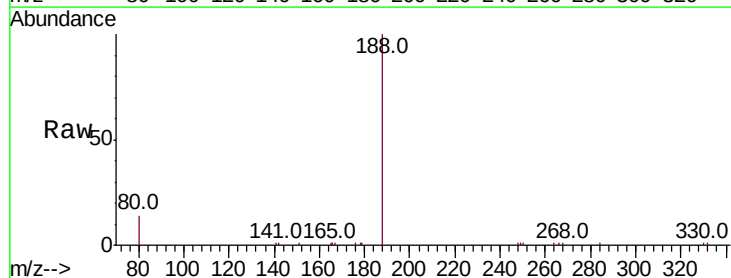


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

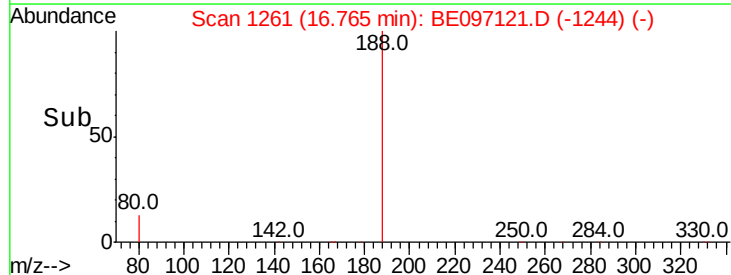
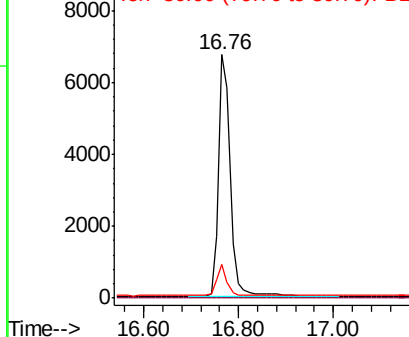


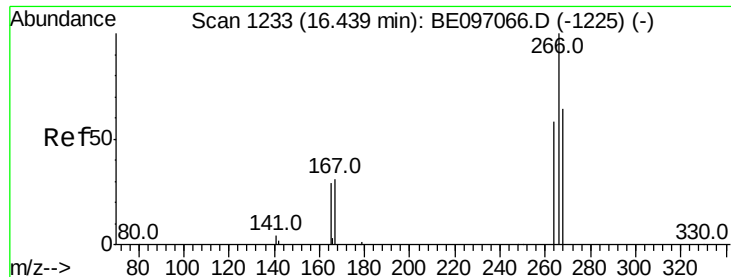
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097121.D
Acq: 31 Jul 2018 14:16

Tgt Ion:188 Resp: 11773
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.0 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: 0.043 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

FB-072618

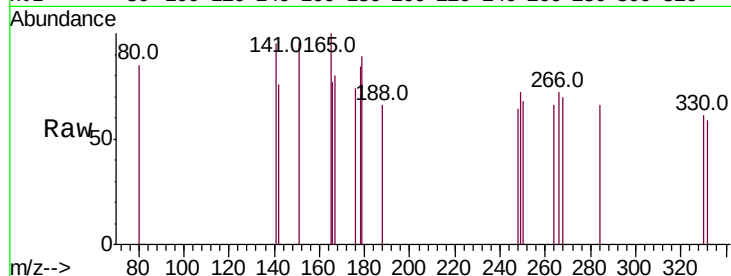
Tot Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 92.5 72.5 108.7

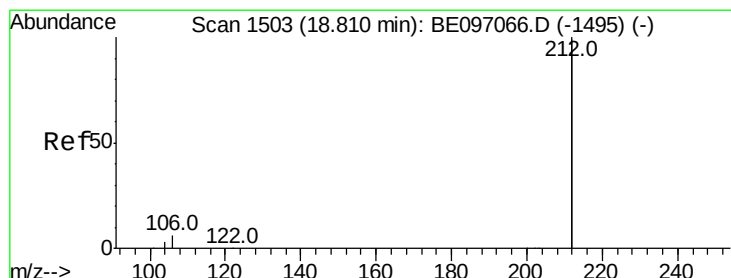
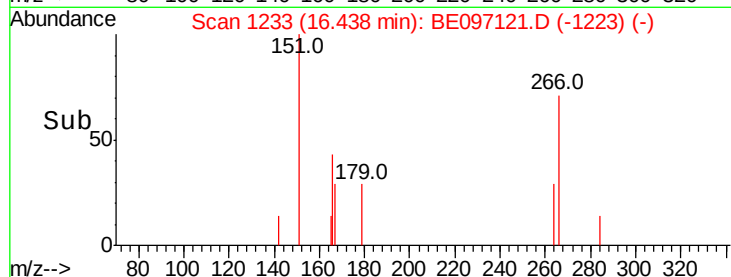
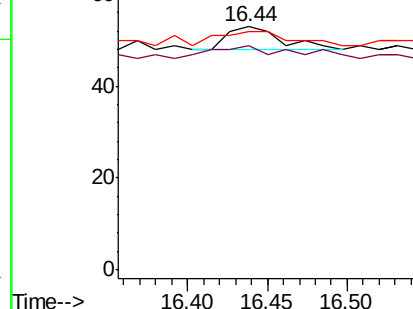
268 98.1 73.8 110.6



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: 0.488 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

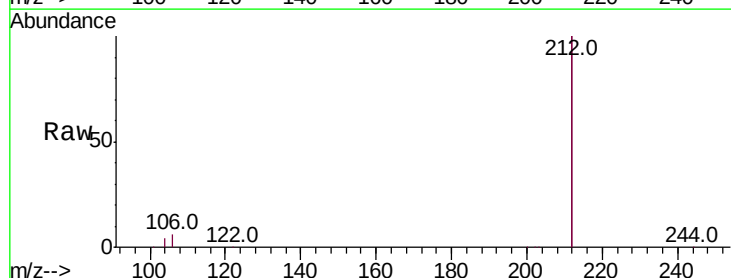
Tgt Ion:212 Resp: 57520

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

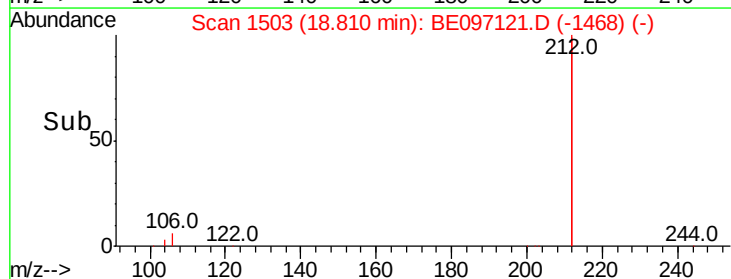
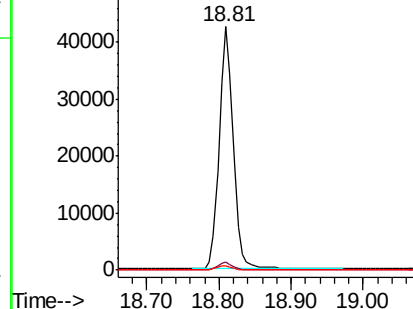
104 1.7 1.6 2.4

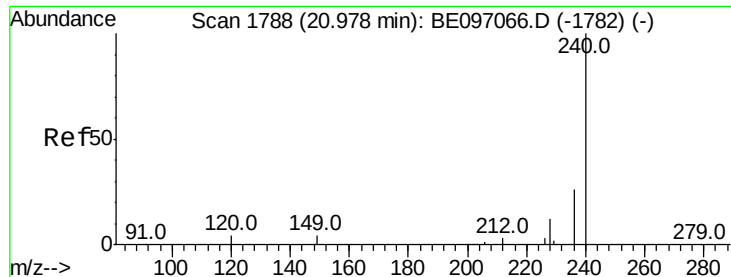


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

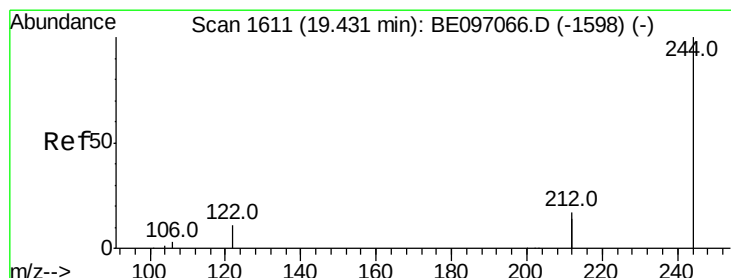
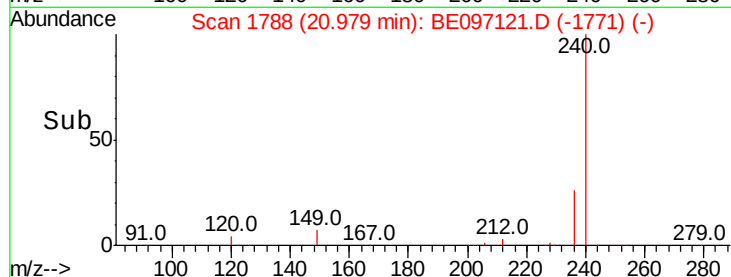
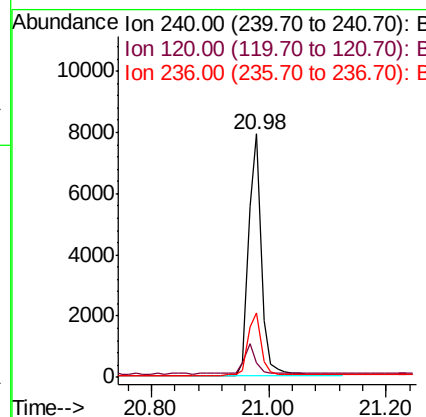
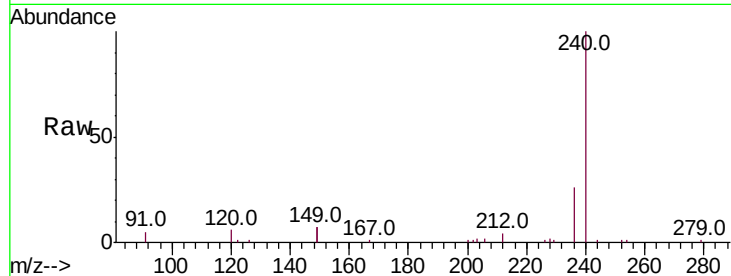




#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097121.D
Acq: 31 Jul 2018 14:16

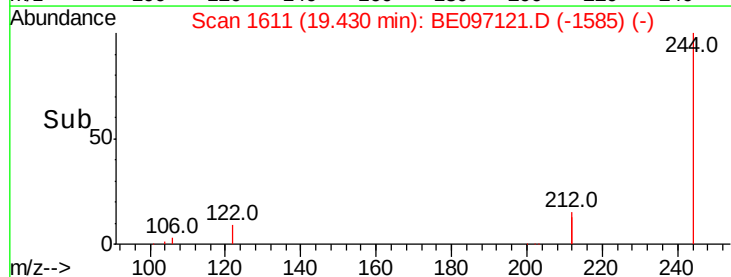
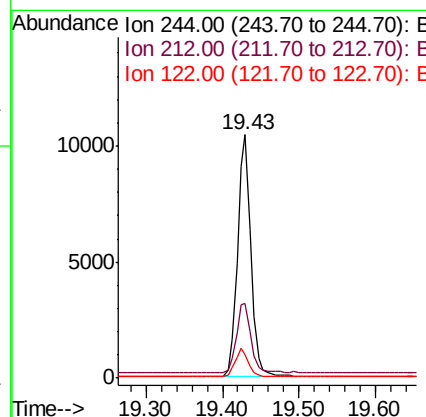
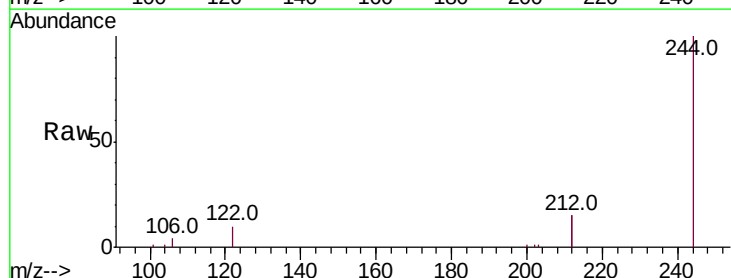
Instrument :
BNA_E
ClientSampleId :
FB-072618

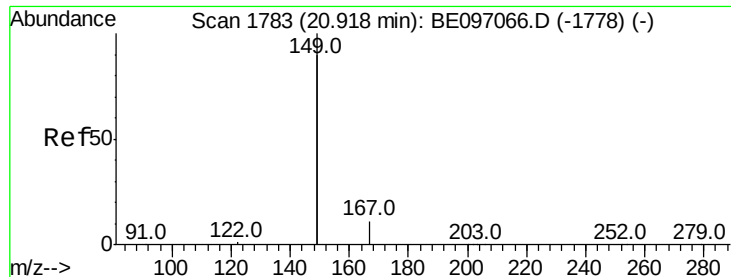
Tot Ion:240 Resp: 12131
Ion Ratio Lower Upper
240 100
120 5.8 5.5 8.3
236 26.5 20.7 31.1



#29
Terphenyl-d14
Concen: 0.553 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097121.D
Acq: 31 Jul 2018 14:16

Tgt Ion:244 Resp: 12896
Ion Ratio Lower Upper
244 100
212 30.6 25.4 38.0
122 9.8 8.1 12.1

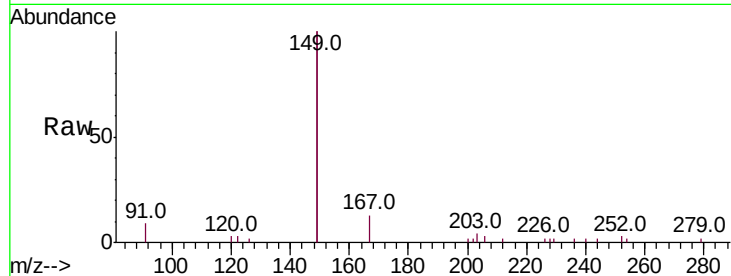




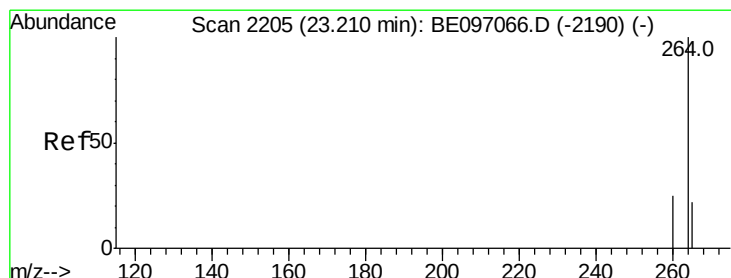
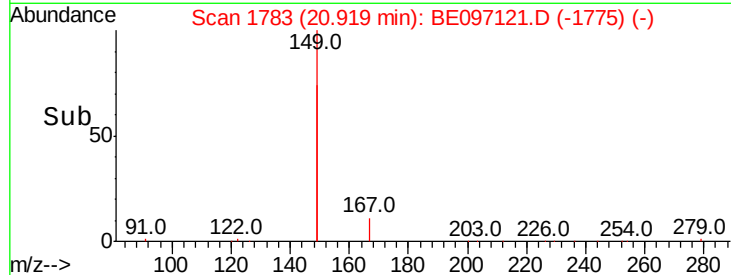
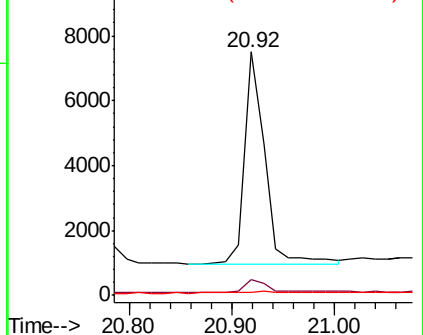
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.280 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097121.D
 Acq: 31 Jul 2018 14:16

Instrument :
 BNA_E
 ClientSampleId :
 FB-072618

Tot Ion:149 Resp: 8829
 Ion Ratio Lower Upper
 149 100
 167 6.2 5.4 8.0
 279 1.4 0.7 1.1#

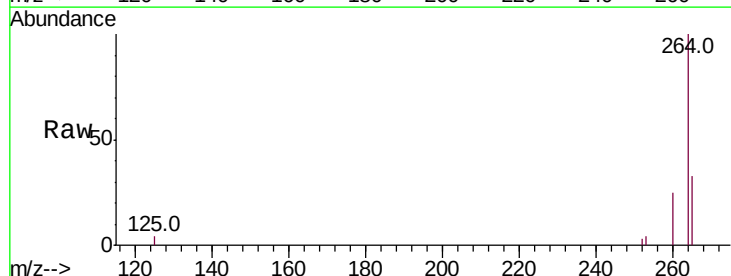


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE097121.D
 Acq: 31 Jul 2018 14:16

Tgt Ion:264 Resp: 11951
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.5 30.7
 265 33.0 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

