

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097527.D
 Acq On : 18 Sep 2018 11:14
 Operator : SJ/JU
 Sample : J4913-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 13:12:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

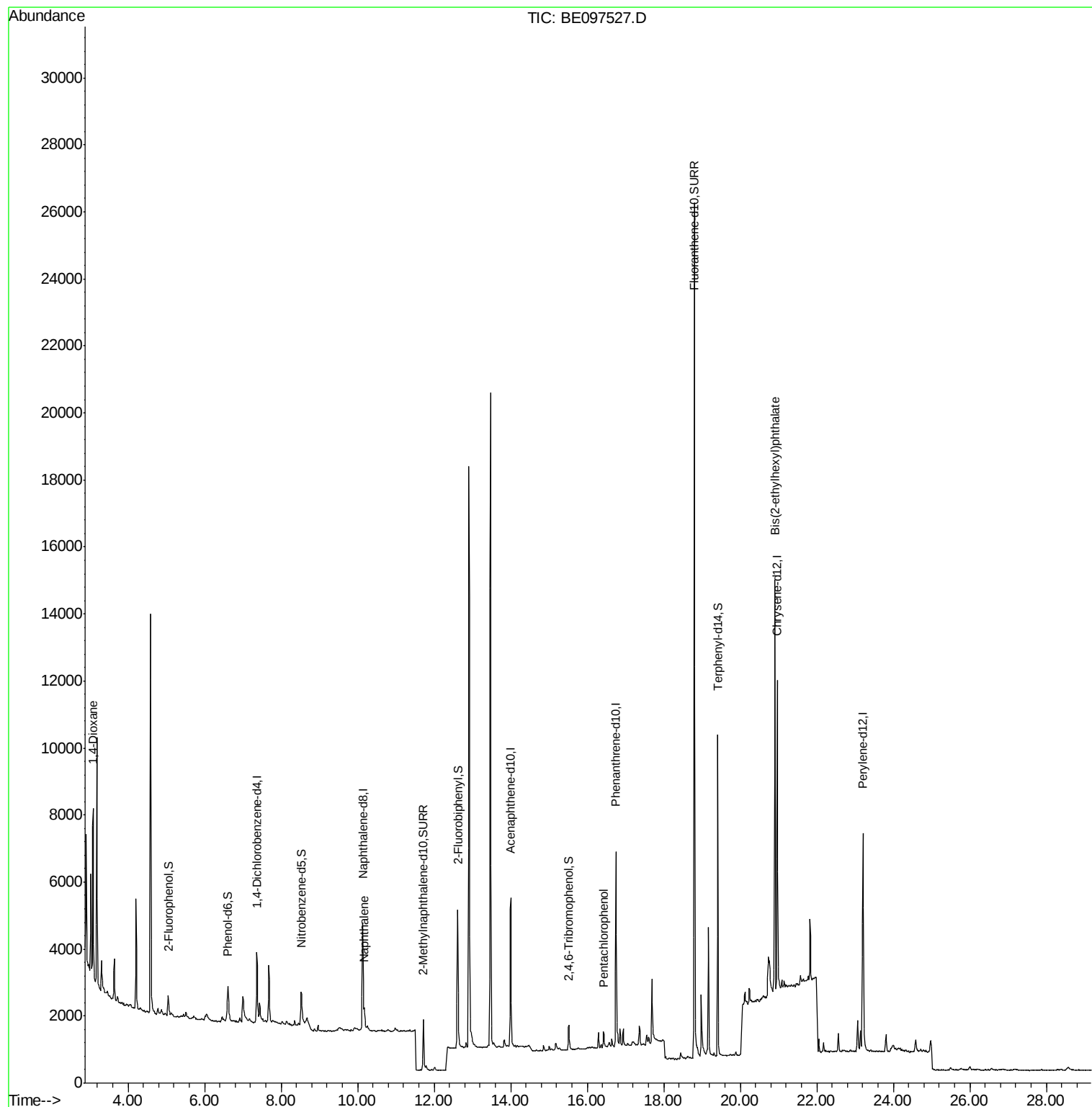
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	980	0.40	ng	-0.01
7) Naphthalene-d8	10.13	136	4701	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2864	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7844	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9251	0.40	ng	0.00
34) Perylene-d12	23.21	264	9162	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	481	0.14	ng	0.00
5) Phenol-d6	6.60	99	408	0.10	ng	-0.01
8) Nitrobenzene-d5	8.52	82	1397	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	11.71	152	2516	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	554	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	4583	0.46	ng	0.00
25) Fluoranthene-d10	18.80	212	34395	0.36	ng	0.00
29) Terphenyl-d14	19.41	244	8019	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	3477	2.052	ng	Qvalue # 90
9) Naphthalene	10.17	128	1040	0.024	ng	# 81
22) Pentachlorophenol	16.43	266	317	0.574	ng	# 77
32) Bis(2-ethylhexyl)phthalate	20.91	149	14566	0.282	ng	100

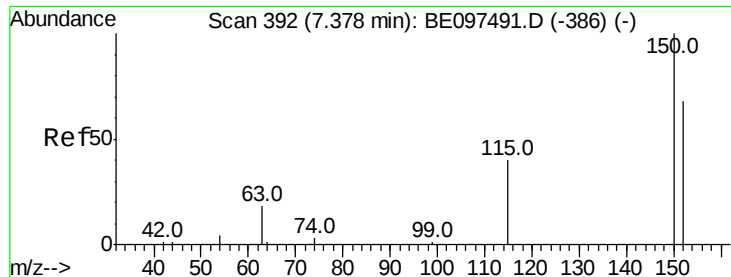
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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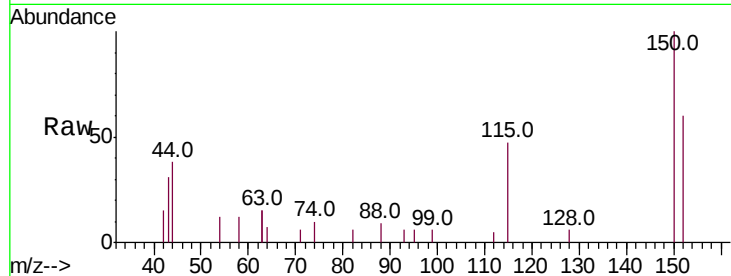


#1

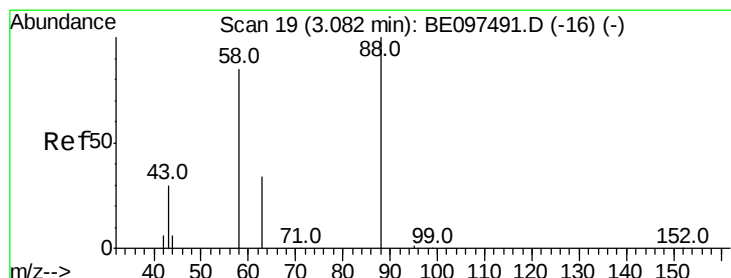
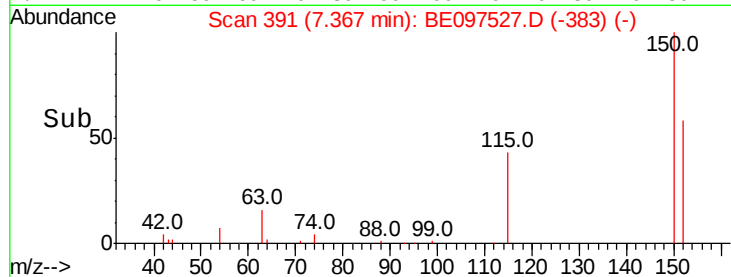
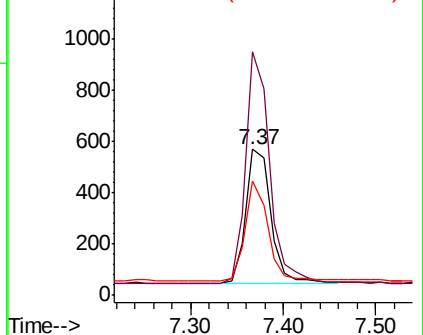
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097527.D
Acq: 18 Sep 2018 11:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 980
Ion Ratio Lower Upper
152 100
150 166.8 117.2 175.8
115 78.4 57.0 85.6



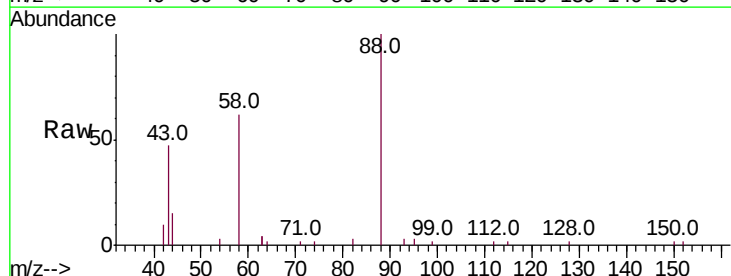
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



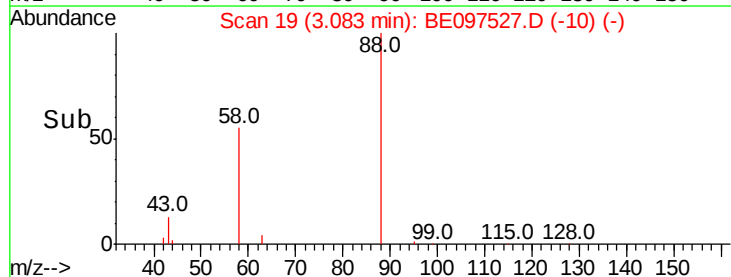
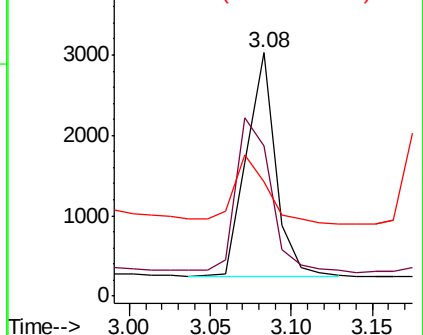
#2

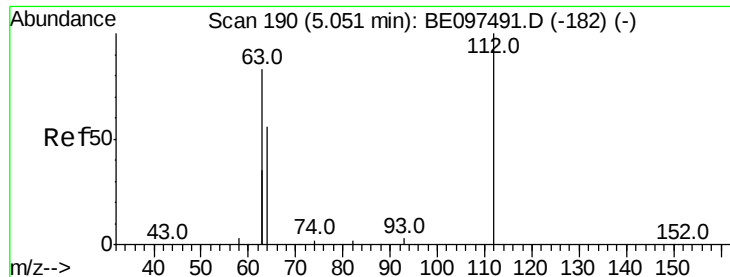
1,4-Dioxane
Concen: 2.052 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097527.D
Acq: 18 Sep 2018 11:14

Tgt Ion: 88 Resp: 3477
Ion Ratio Lower Upper
88 100
58 78.0 63.2 94.8
43 35.1 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: 0.145 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097527.D

Acq: 18 Sep 2018 11:14

Instrument :

BNA_E

ClientSampleId :

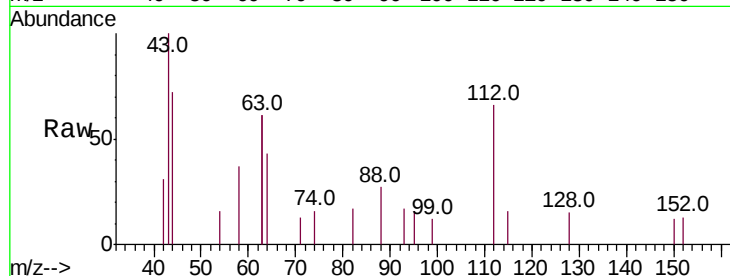
Tot Ion:112 Resp: 481

Ion Ratio Lower Upper

112 100

64 64.2 60.1 90.1

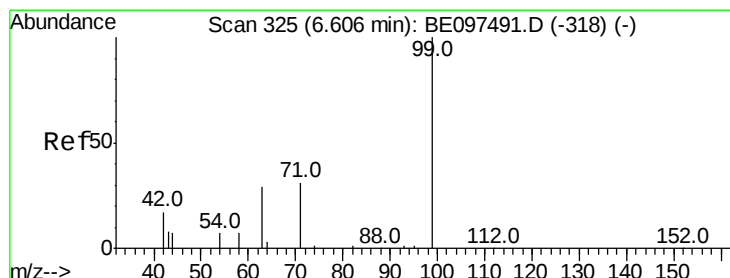
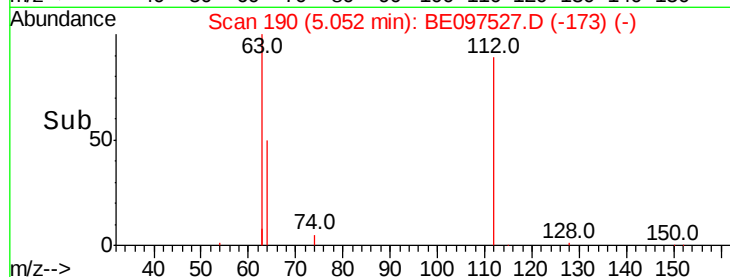
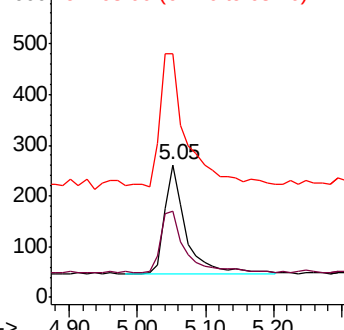
63 148.0 116.8 175.2



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: 0.097 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097527.D

Acq: 18 Sep 2018 11:14

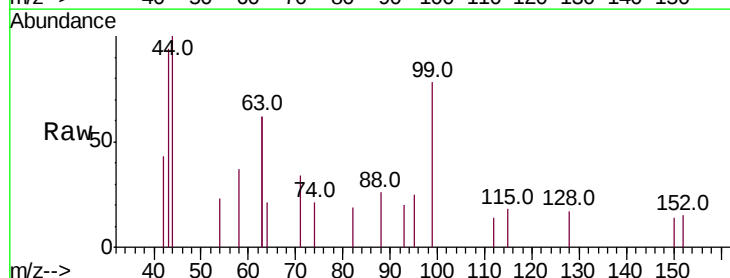
Tgt Ion: 99 Resp: 408

Ion Ratio Lower Upper

99 100

42 31.9 20.2 30.2#

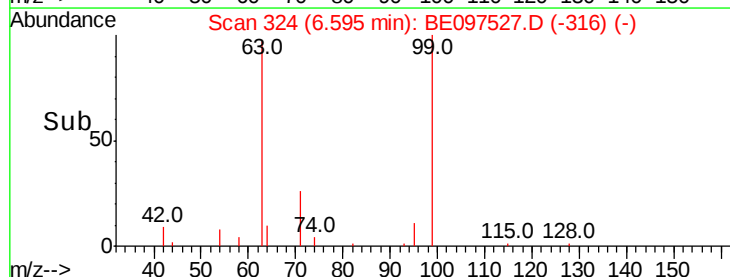
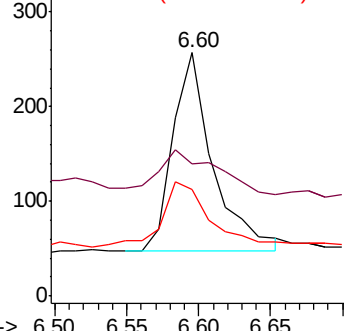
71 39.5 28.4 42.6

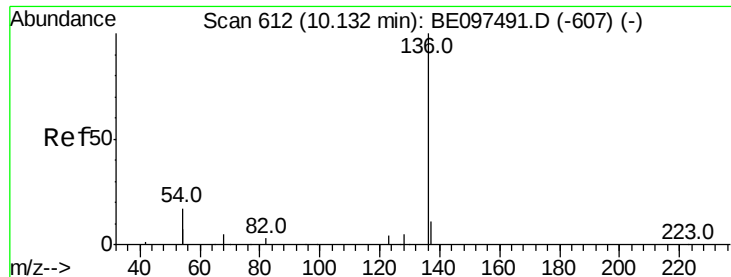


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097527.D

Acq: 18 Sep 2018 11:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4701

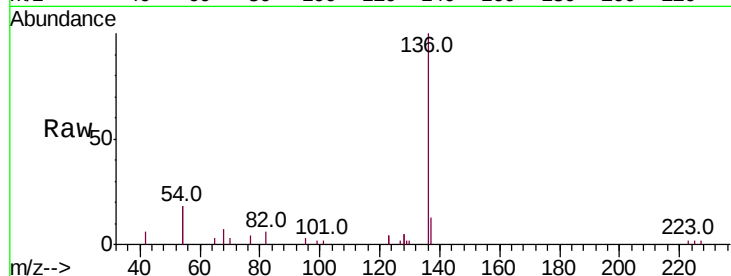
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 35.1 29.1 43.7

68 7.4 6.2 9.2

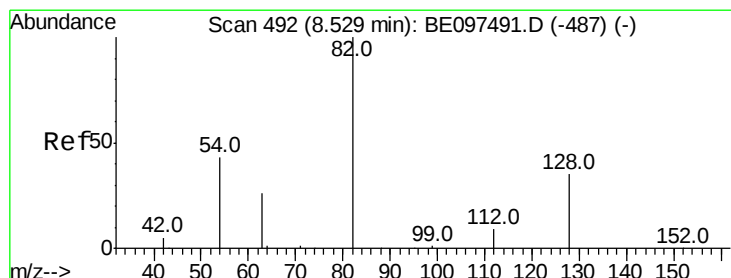
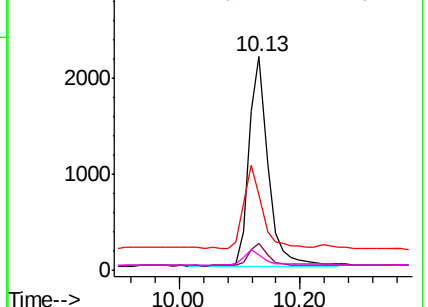
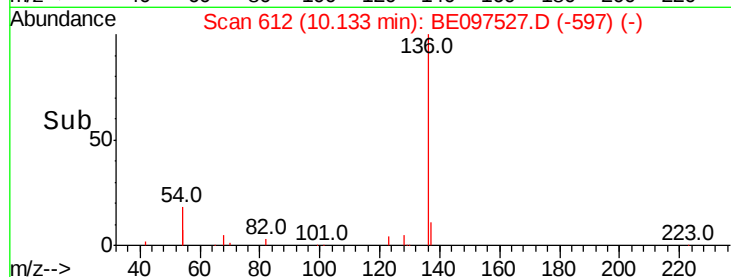


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.369 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097527.D

Acq: 18 Sep 2018 11:14

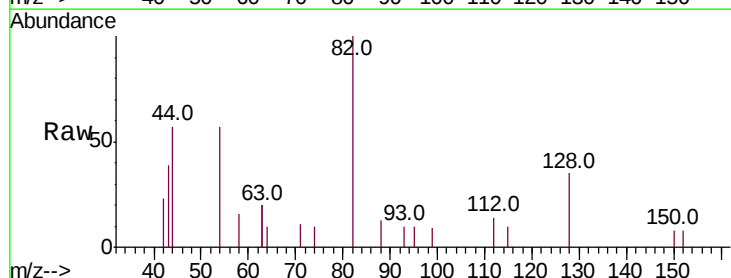
Tgt Ion: 82 Resp: 1397

Ion Ratio Lower Upper

82 100

128 35.0 24.0 36.0

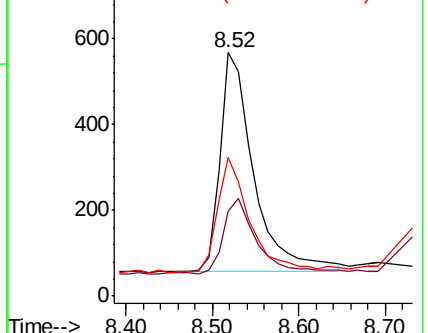
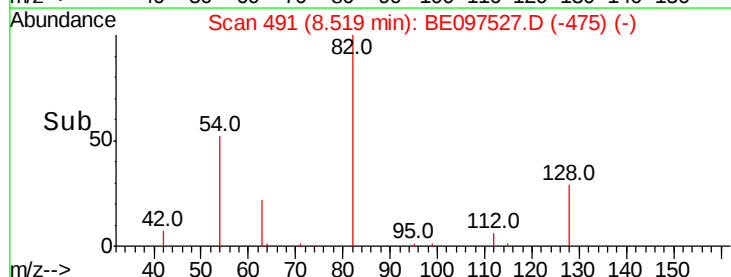
54 56.9 40.0 60.0

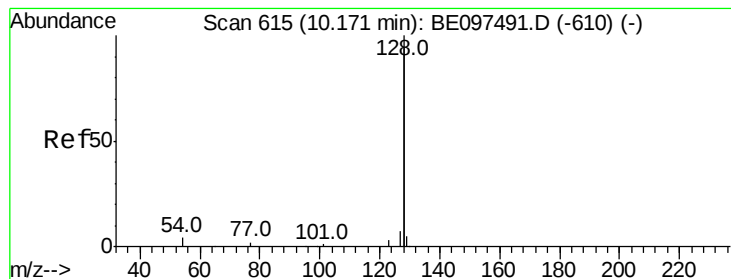


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.024 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097527.D

Acq: 18 Sep 2018 11:14

Instrument :

BNA_E

ClientSampleId :

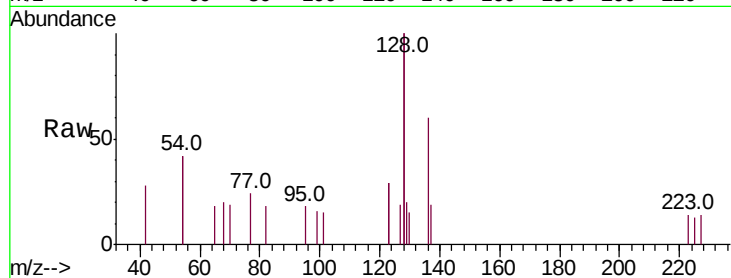
Tot Ion:128 Resp: 1040

Ion Ratio Lower Upper

128 100

129 9.9 2.6 3.8#

127 9.6 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.17

800

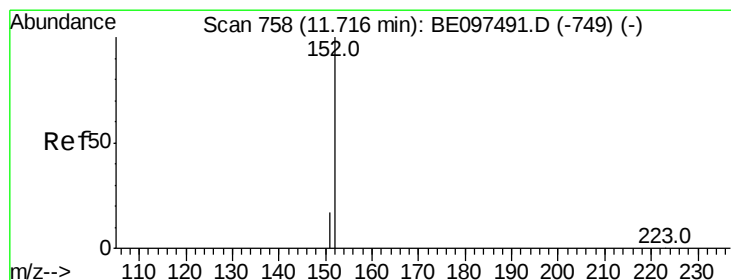
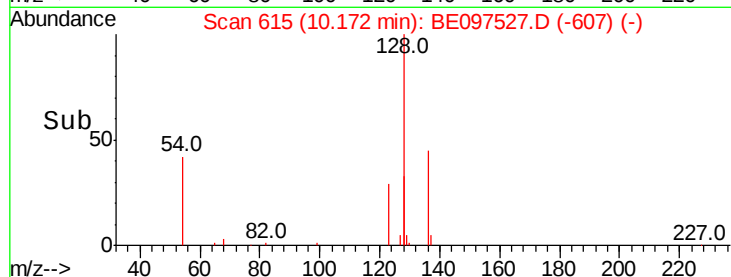
600

400

200

0

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 11.71 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE097527.D

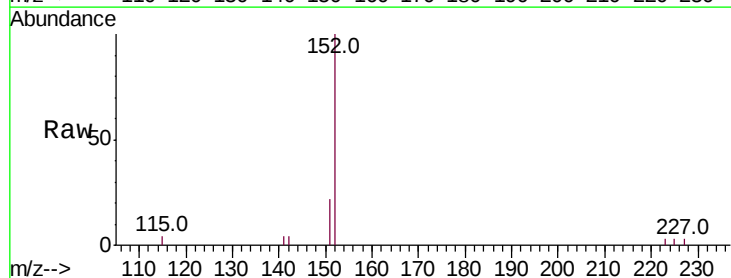
Acq: 18 Sep 2018 11:14

Tgt Ion:152 Resp: 2516

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.71

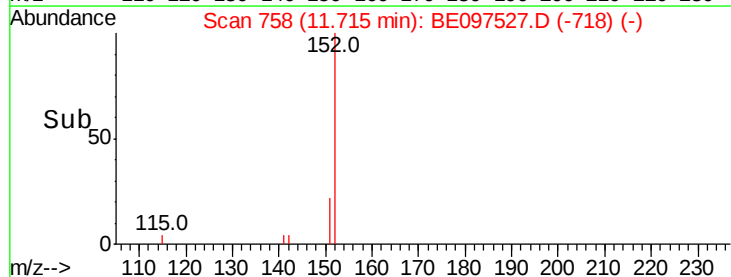
1500

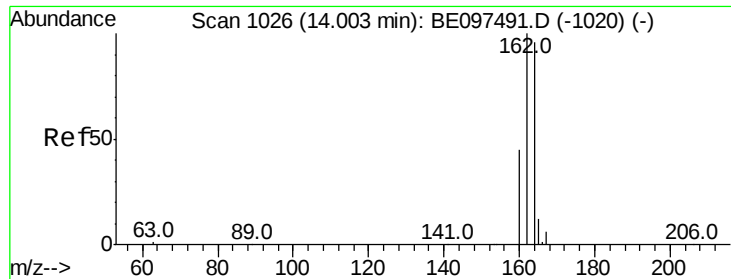
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097527.D

Acq: 18 Sep 2018 11:14

Instrument :

BNA_E

ClientSampleId :

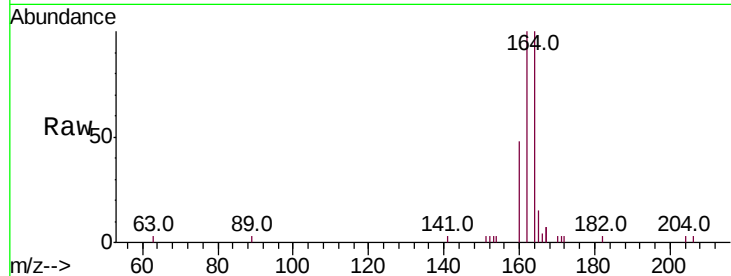
Tot Ion:164 Resp: 2864

Ion Ratio Lower Upper

164 100

162 100.1 83.1 124.7

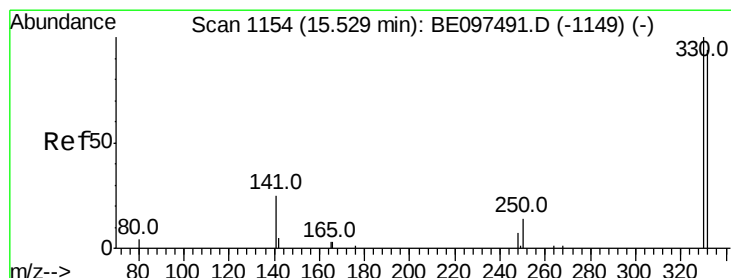
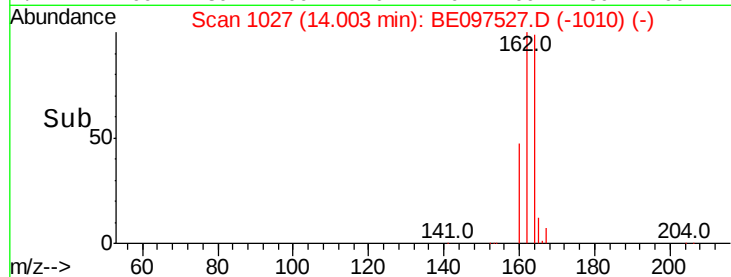
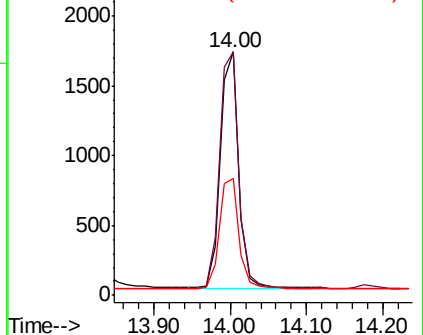
160 48.0 37.1 55.7



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: 0.366 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097527.D

Acq: 18 Sep 2018 11:14

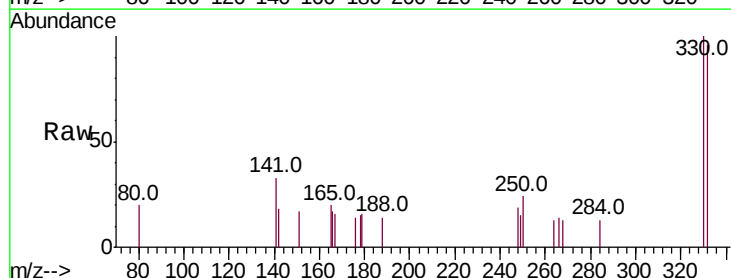
Tgt Ion:330 Resp: 554

Ion Ratio Lower Upper

330 100

332 95.5 152.7 229.1#

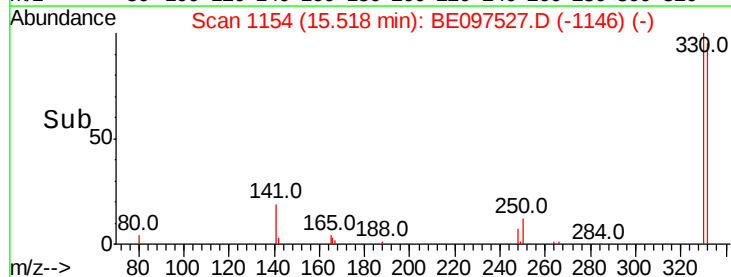
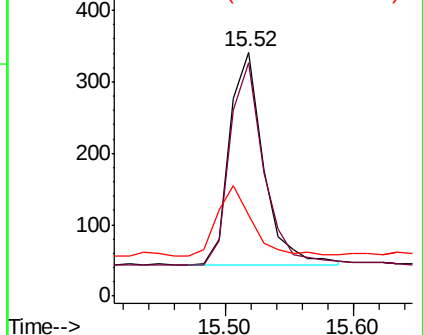
141 32.9 33.7 50.5#

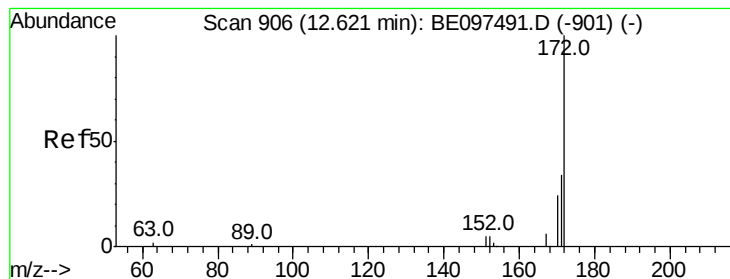


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

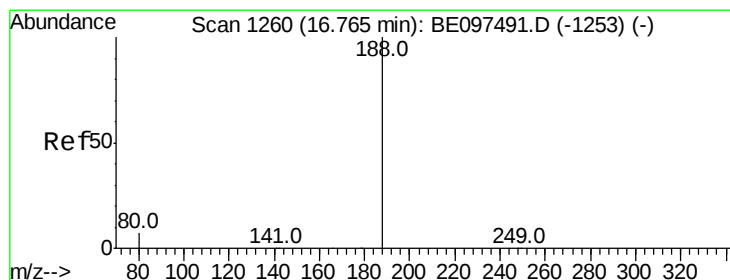
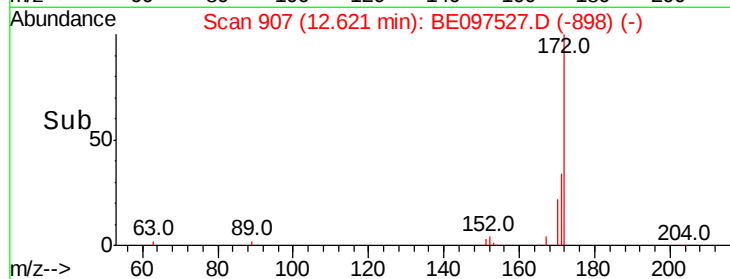
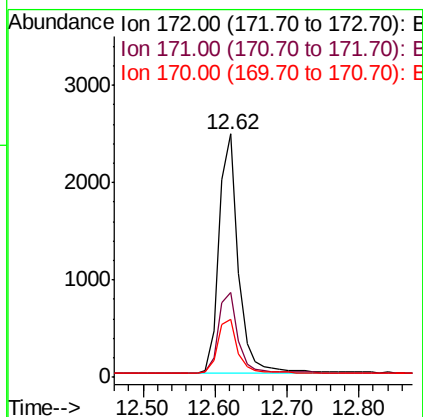
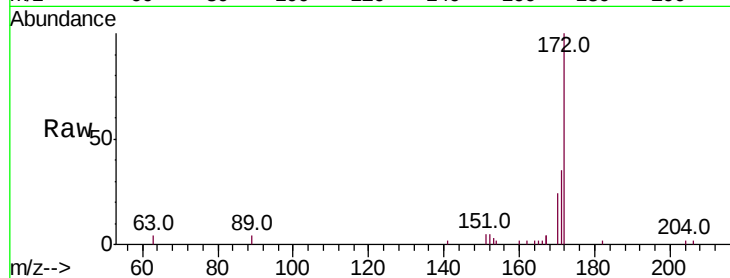




#15
2-Fluorobiphenyl
Concen: 0.458 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097527.D
Acq: 18 Sep 2018 11:14

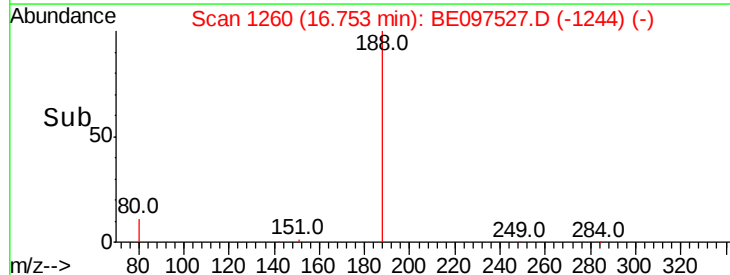
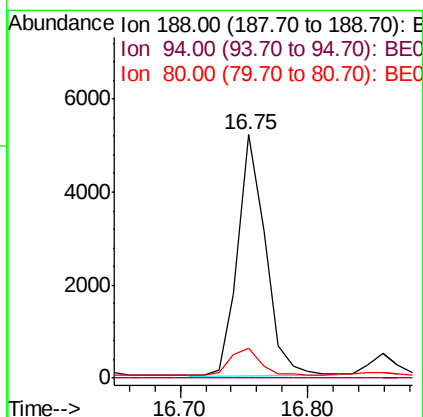
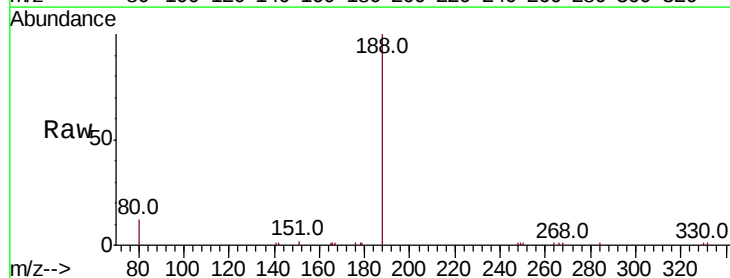
Instrument :
BNA_E
ClientSampleId :

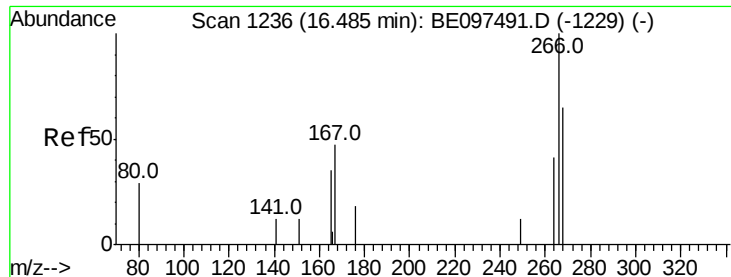
Tot Ion:172 Resp: 4583
Ion Ratio Lower Upper
172 100
171 35.0 29.9 44.9
170 23.9 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097527.D
Acq: 18 Sep 2018 11:14

Tgt Ion:188 Resp: 7844
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.1 3.6 5.4#

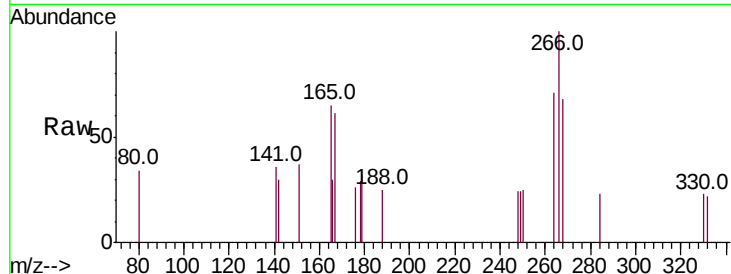




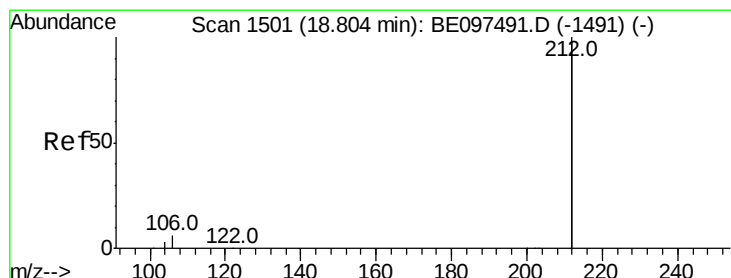
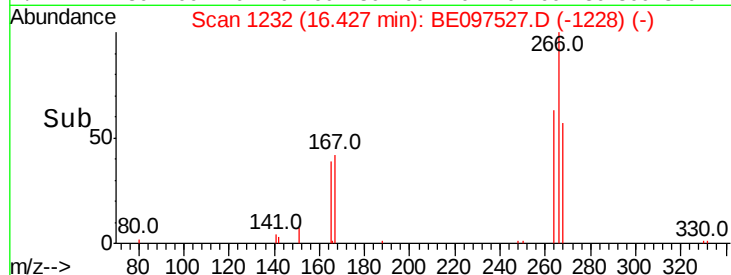
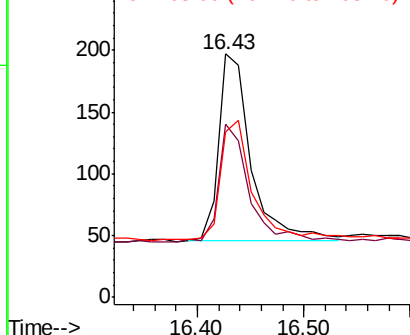
#22
 Pentachlorophenol
 Concen: 0.574 ng
 RT: 16.43 min Scan# 1232
 Delta R.T. -0.06 min
 Lab File: BE097527.D
 Acq: 18 Sep 2018 11:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 317
 Ion Ratio Lower Upper
 266 100
 264 71.1 72.5 108.7#
 268 68.0 73.8 110.6#

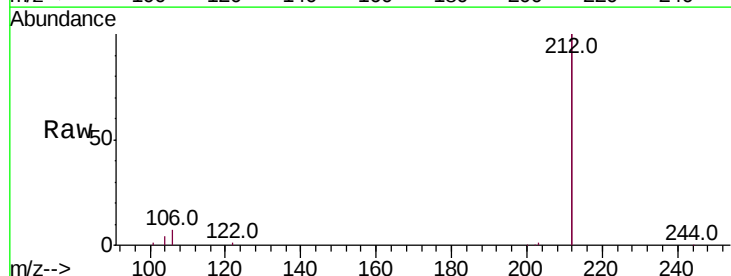


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

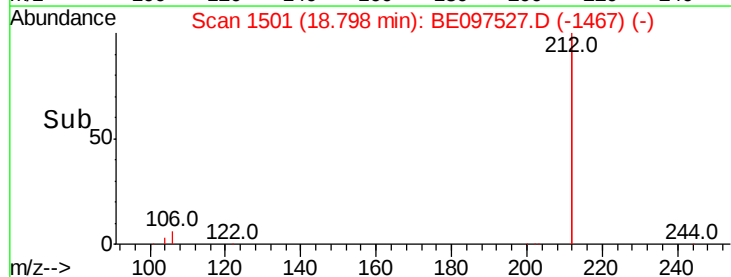
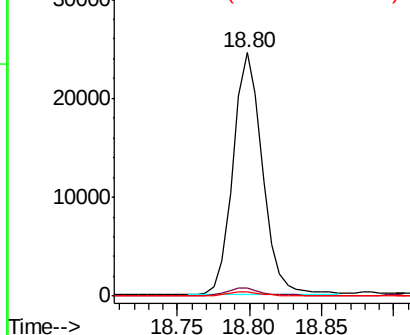


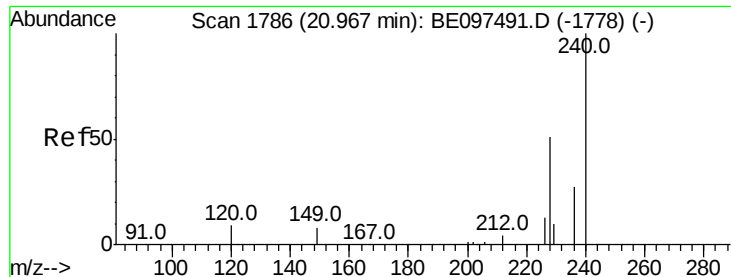
#25
 Fluoranthene-d10
 Concen: 0.365 ng
 RT: 18.80 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BE097527.D
 Acq: 18 Sep 2018 11:14

Tgt Ion:212 Resp: 34395
 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: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097527.D

Acq: 18 Sep 2018 11:14

Instrument :

BNA_E

ClientSampleId :

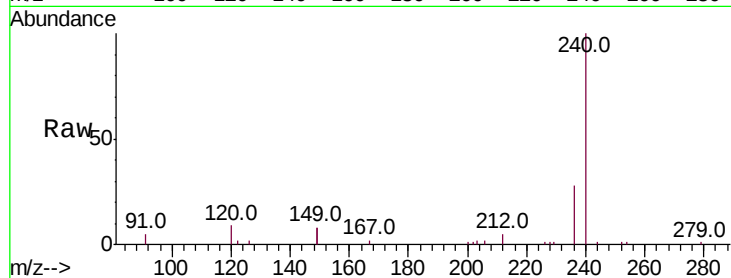
Tot Ion:240 Resp: 9251

Ion Ratio Lower Upper

240 100

120 8.6 5.5 8.3#

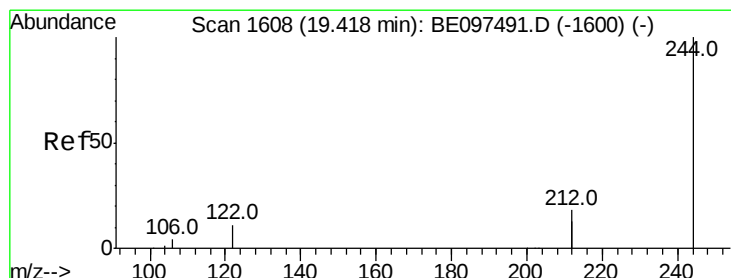
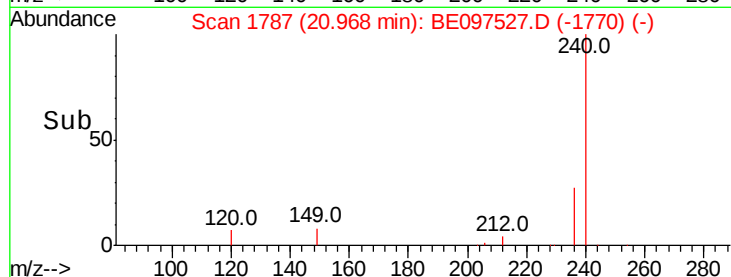
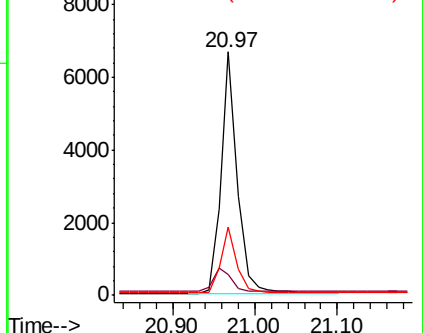
236 27.8 20.7 31.1



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: 0.453 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097527.D

Acq: 18 Sep 2018 11:14

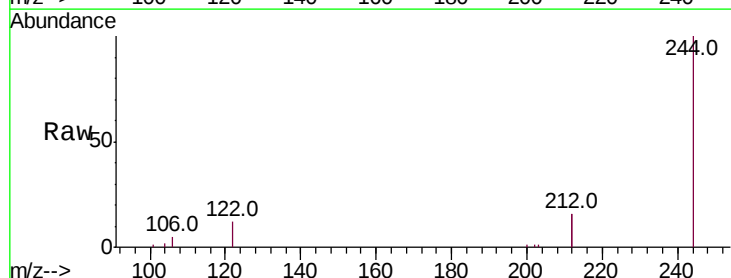
Tgt Ion:244 Resp: 8019

Ion Ratio Lower Upper

244 100

212 32.6 25.4 38.0

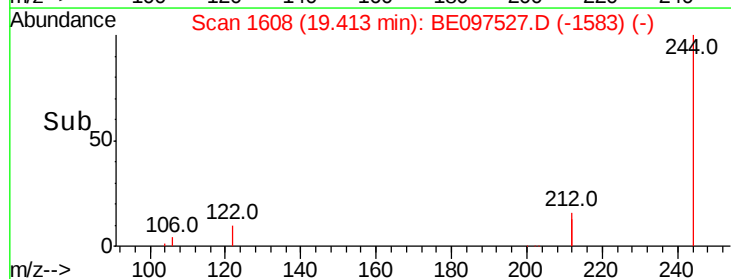
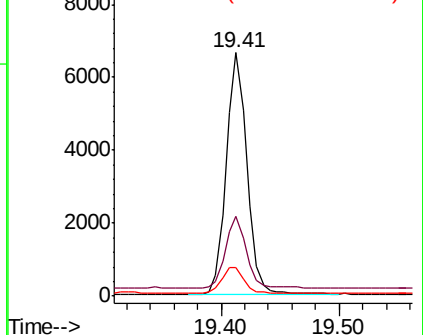
122 11.5 8.1 12.1

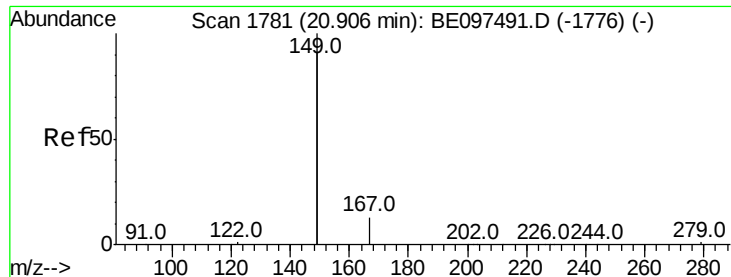


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

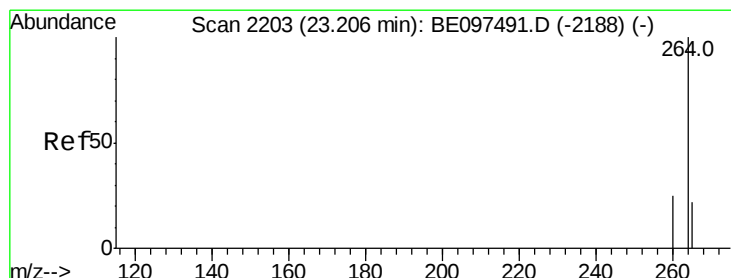
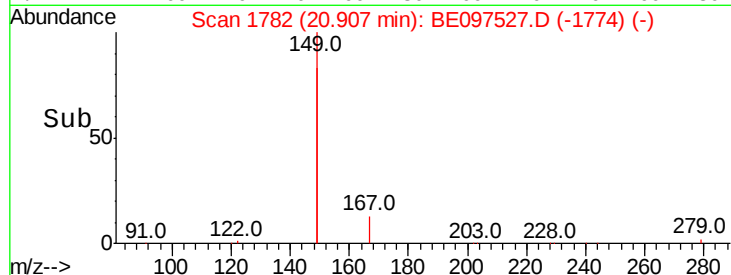
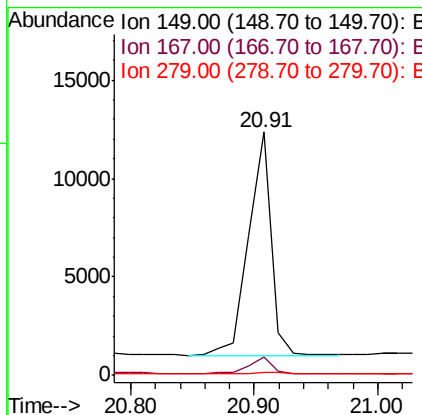
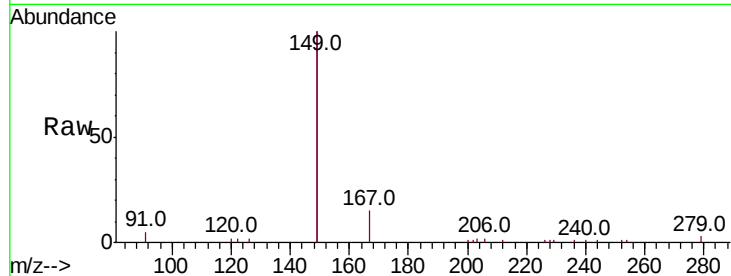




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.282 ng
 RT: 20.91 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BE097527.D
 Acq: 18 Sep 2018 11:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 14566
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 1.0 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE097527.D
 Acq: 18 Sep 2018 11:14

Tgt Ion:264 Resp: 9162
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 30.6 22.8 34.2

