

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072618\
 Data File : BE097106.D
 Acq On : 26 Jul 2018 17:12
 Operator : SJ/JU
 Sample : PB111184BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 27 03:26:22 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 24 13:24:10 2018
 Response via : Initial Calibration

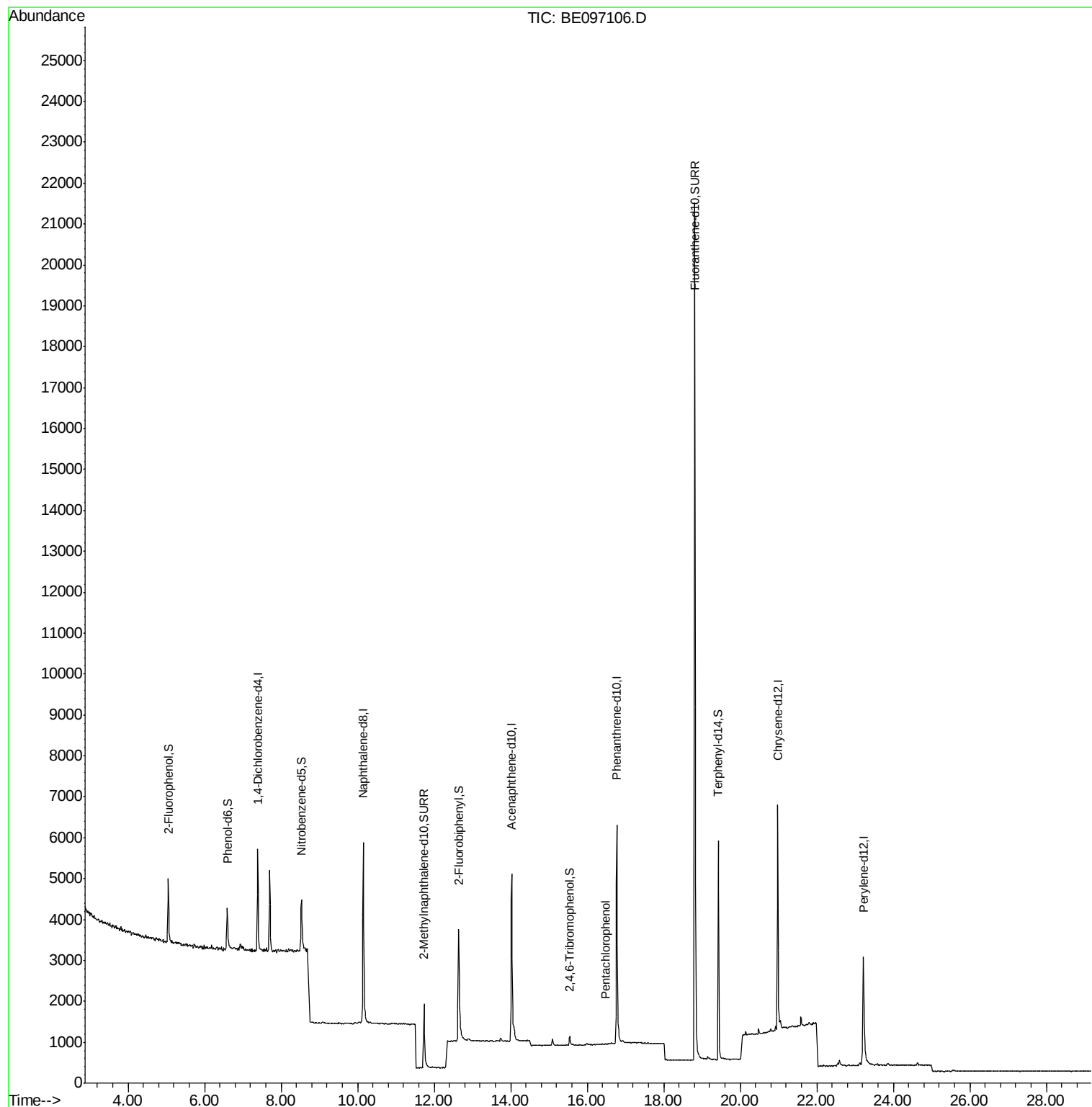
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1142	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5189	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3007	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	8840	0.40	ng	0.01
27) Chrysene-d12	20.98	240	6158	0.40	ng	0.00
34) Perylene-d12	23.22	264	4996	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	870	0.27	ng	0.00
5) Phenol-d6	6.60	99	1088	0.23	ng	0.00
8) Nitrobenzene-d5	8.53	82	1546	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	2866	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	193	0.20	ng	0.02
15) 2-Fluorobiphenyl	12.64	172	4080	0.39	ng	0.01
25) Fluoranthene-d10	18.81	212	33188	0.38	ng	0.00
29) Terphenyl-d14	19.43	244	4861	0.41	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.47	266	3	0.037	ng	93
32) Bis(2-ethylhexyl)phthalate	20.92	149	176	Below Cal	#	98

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

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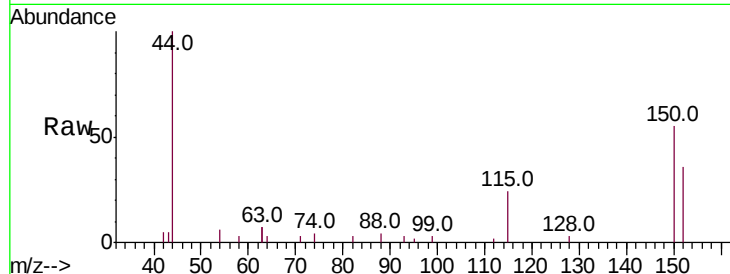


#1

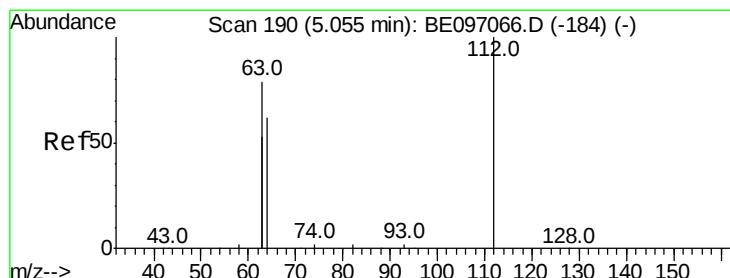
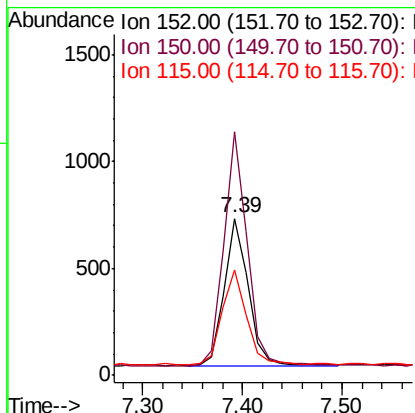
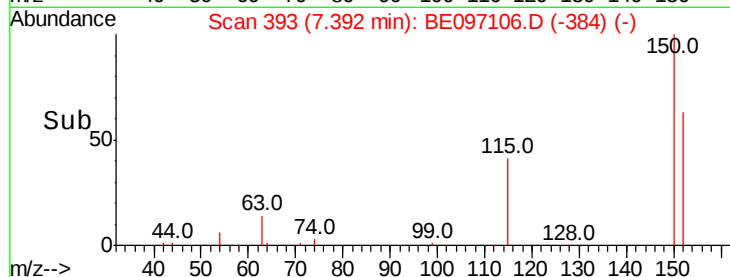
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE097106.D
 Acq: 26 Jul 2018 17:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1142
 Ion Ratio Lower Upper
 152 100
 150 155.2 117.2 175.8
 115 67.6 57.0 85.6



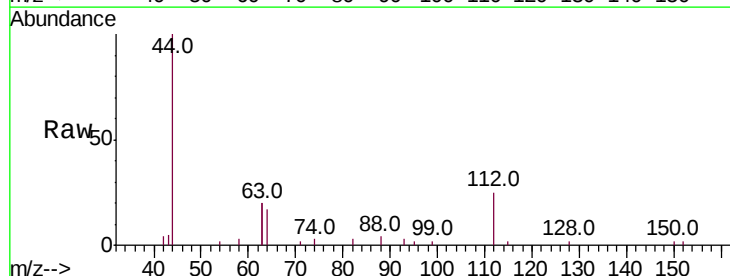
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



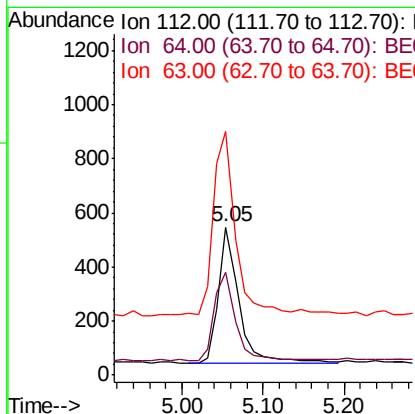
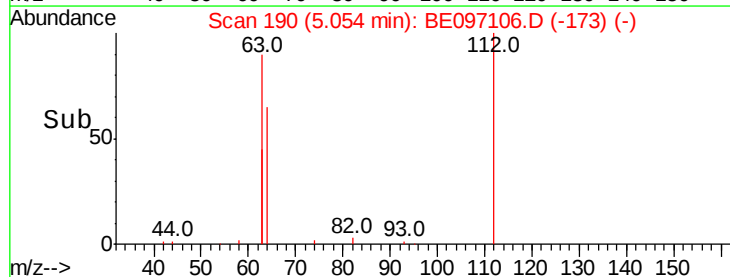
#4

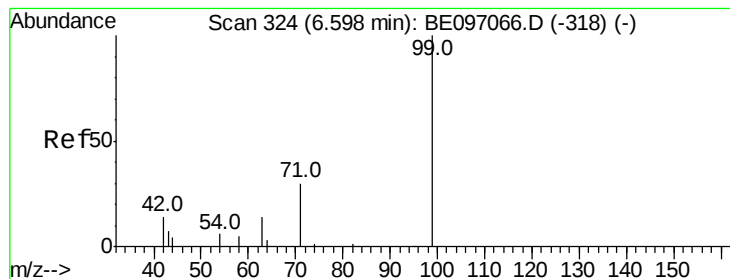
2-Fluorophenol
 Concen: 0.271 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE097106.D
 Acq: 26 Jul 2018 17:12

Tgt Ion:112 Resp: 870
 Ion Ratio Lower Upper
 112 100
 64 69.1 60.1 90.1
 63 151.8 116.8 175.2



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: 0.231 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097106.D

Acq: 26 Jul 2018 17:12

Instrument :

BNA_E

ClientSampleId :

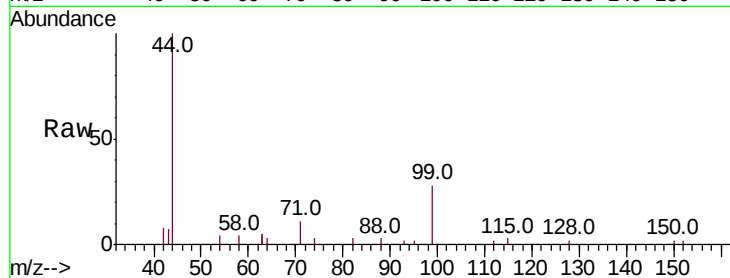
Tot Ion: 99 Resp: 1088

Ion Ratio Lower Upper

99 100

42 24.0 20.2 30.2

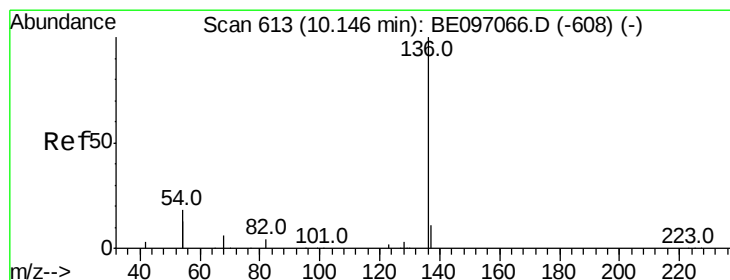
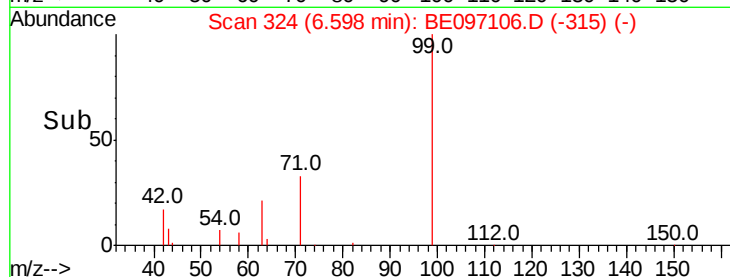
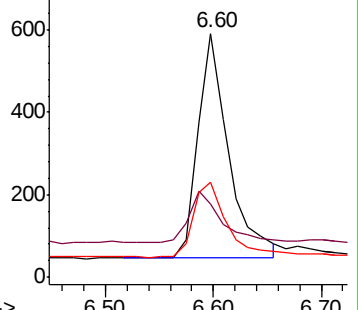
71 36.9 28.4 42.6



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: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097106.D

Acq: 26 Jul 2018 17:12

Tgt Ion: 136 Resp: 5189

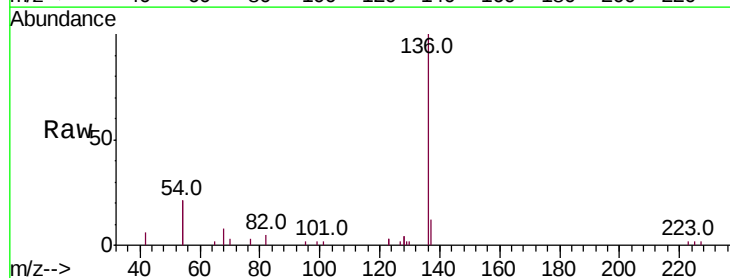
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 42.9 29.1 43.7

68 8.5 6.2 9.2

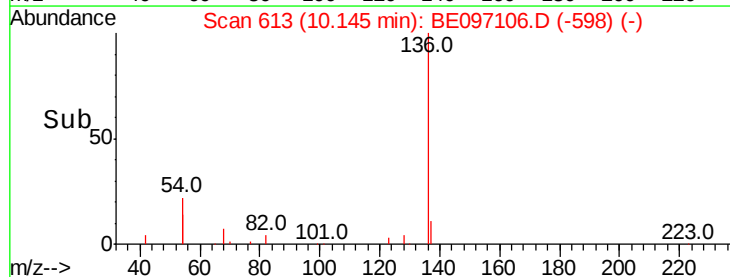
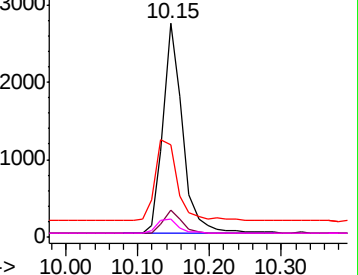


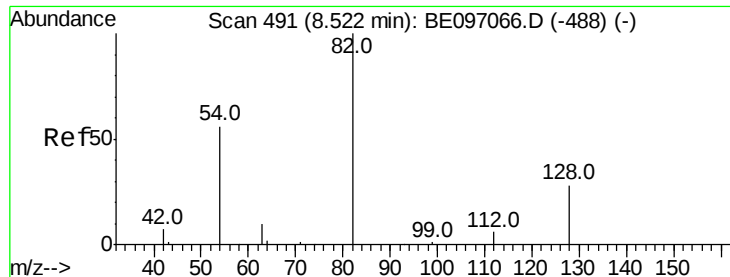
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.343 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097106.D

Acq: 26 Jul 2018 17:12

Instrument :

BNA_E

ClientSampleId :

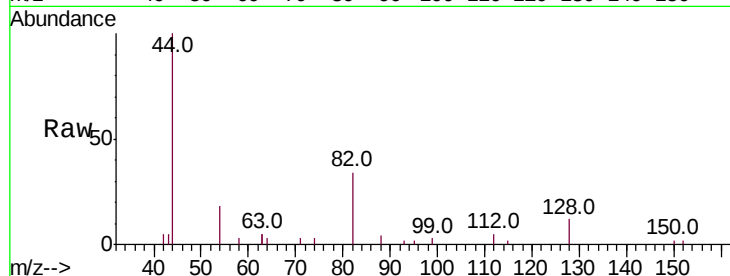
Tot Ion: 82 Resp: 1546

Ion Ratio Lower Upper

82 100

128 35.8 24.0 36.0

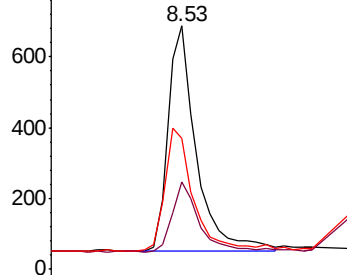
54 53.9 40.0 60.0



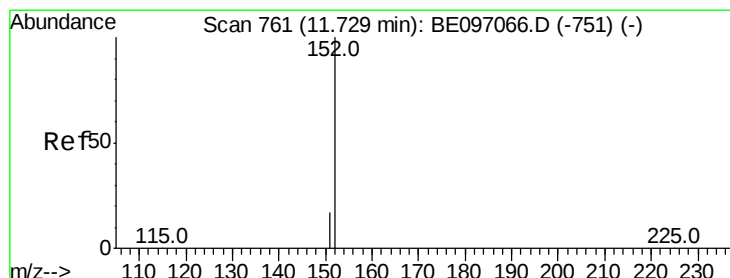
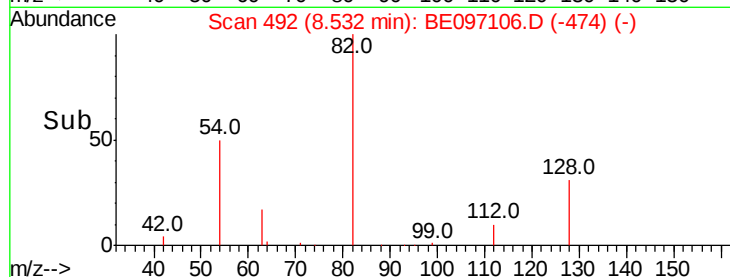
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.369 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE097106.D

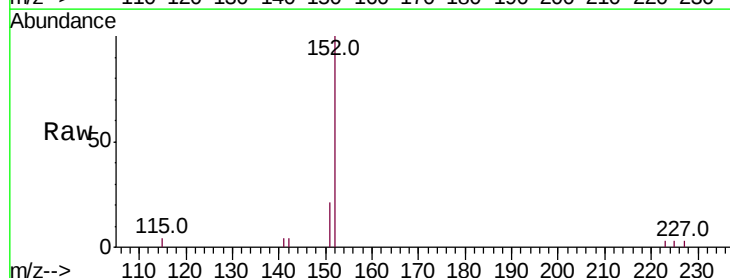
Acq: 26 Jul 2018 17:12

Tgt Ion:152 Resp: 2866

Ion Ratio Lower Upper

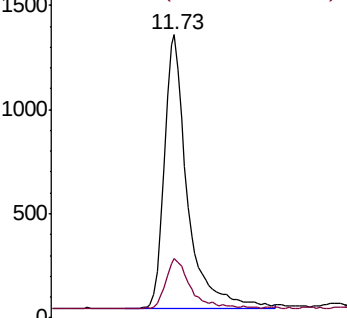
152 100

151 19.5 15.4 23.0

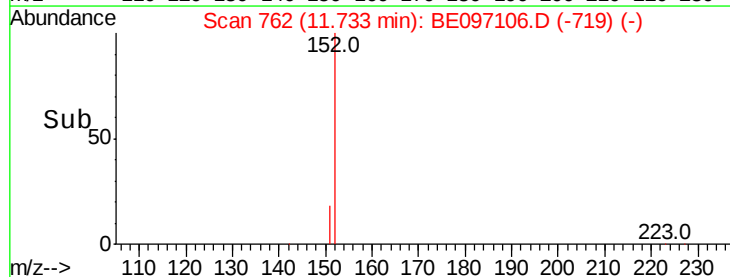


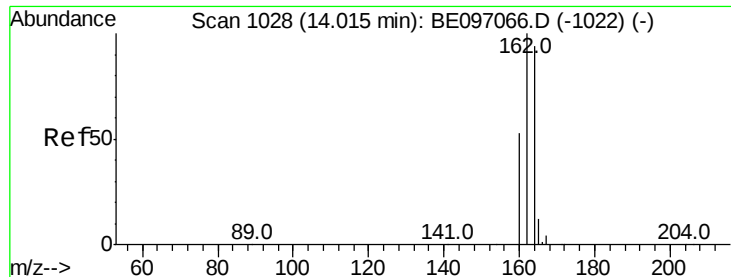
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BE097106.D

Acq: 26 Jul 2018 17:12

Instrument :

BNA_E

ClientSampleId :

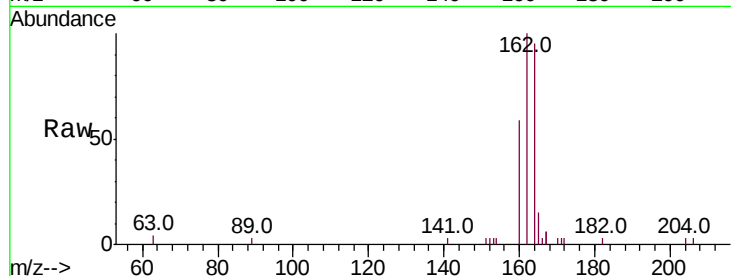
Tot Ion:164 Resp: 3007

Ion Ratio Lower Upper

164 100

162 105.3 83.1 124.7

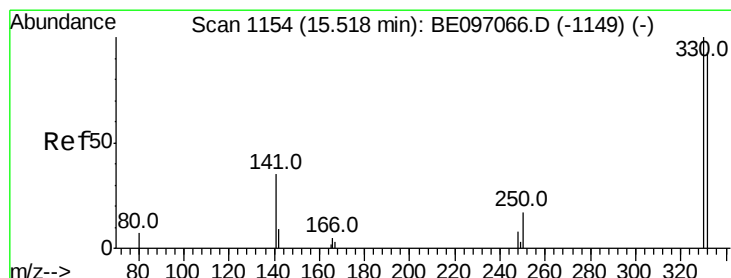
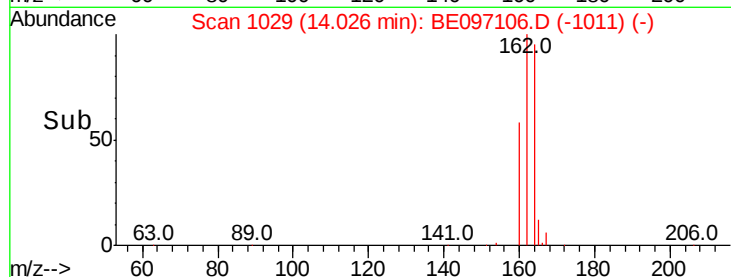
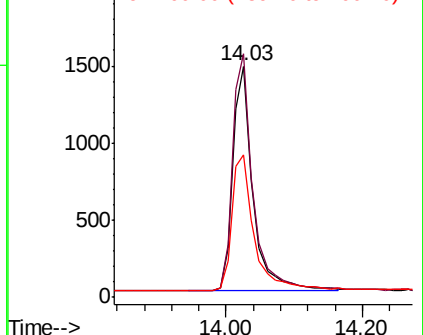
160 61.9 37.1 55.7#



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: 0.195 ng

RT: 15.54 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE097106.D

Acq: 26 Jul 2018 17:12

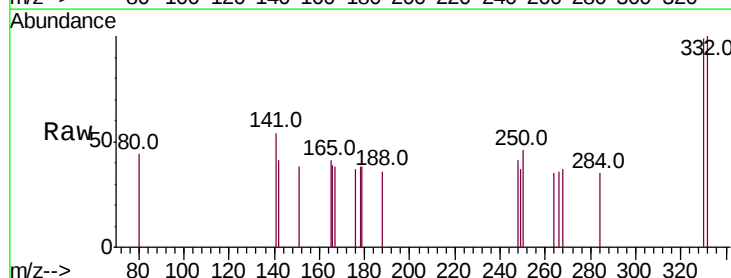
Tgt Ion:330 Resp: 193

Ion Ratio Lower Upper

330 100

332 96.9 152.7 229.1#

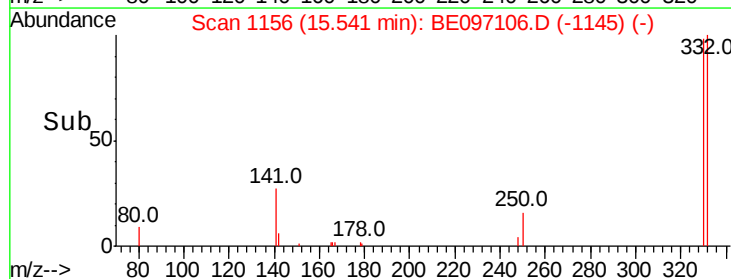
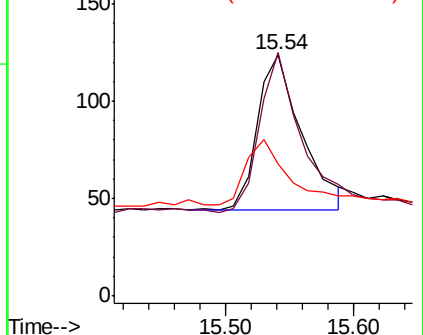
141 39.4 33.7 50.5

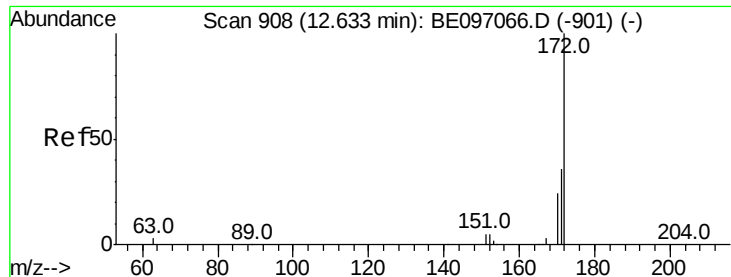


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.393 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.01 min

Lab File: BE097106.D

Acq: 26 Jul 2018 17:12

Instrument :

BNA_E

ClientSampleId :

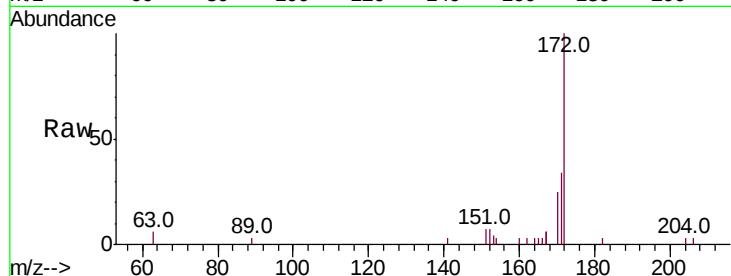
Tot Ion:172 Resp: 4080

Ion Ratio Lower Upper

172 100

171 34.3 29.9 44.9

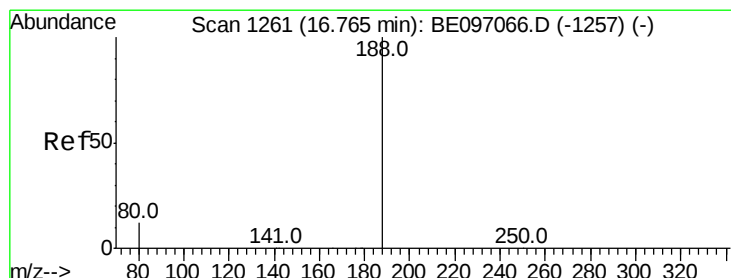
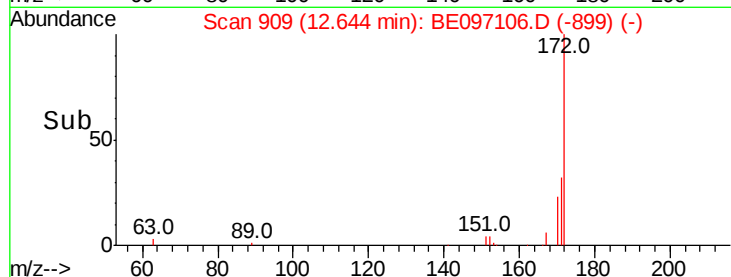
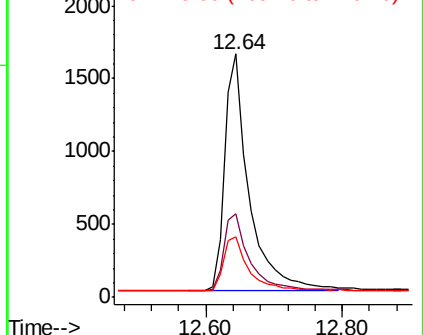
170 25.0 21.8 32.8



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: 16.78 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BE097106.D

Acq: 26 Jul 2018 17:12

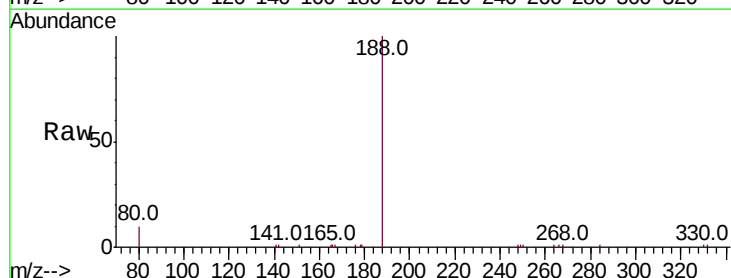
Tgt Ion:188 Resp: 8840

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

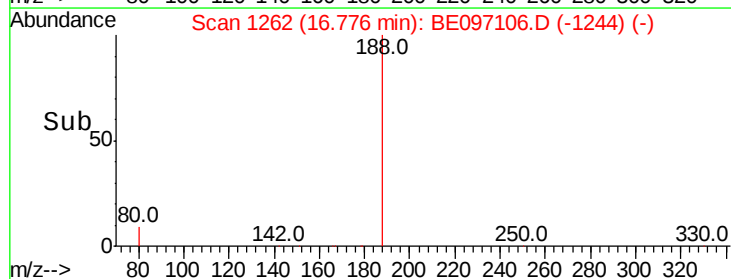
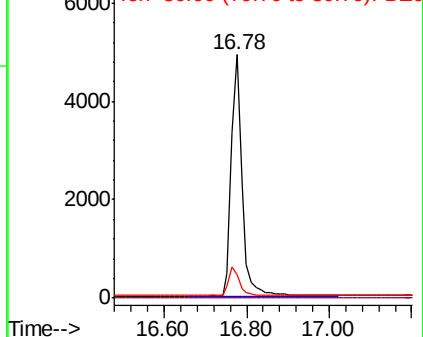
80 9.8 3.6 5.4#

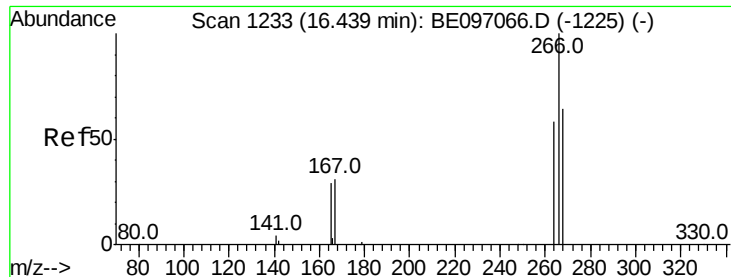


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

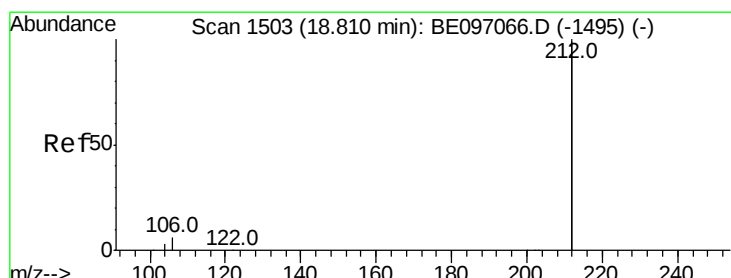
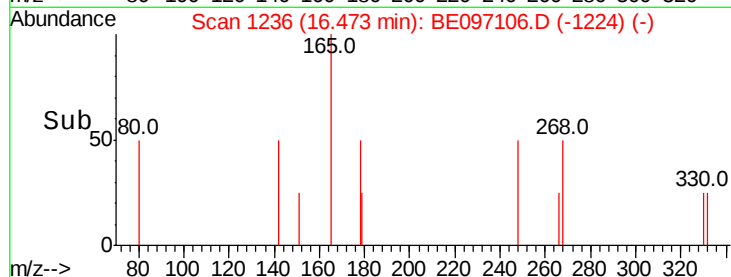
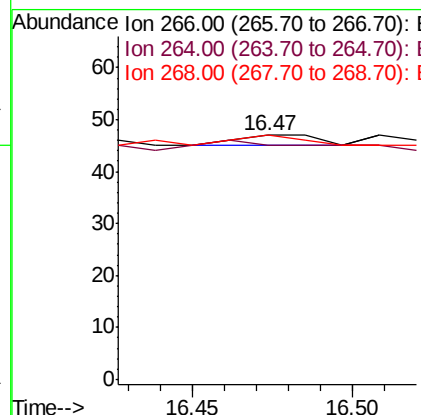
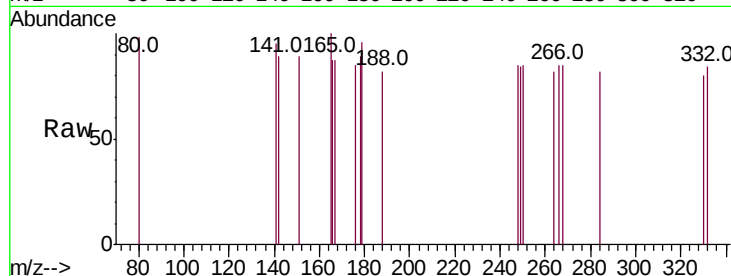




#22
 Pentachlorophenol
 Concen: 0.037 ng
 RT: 16.47 min Scan# 1236
 Delta R.T. 0.04 min
 Lab File: BE097106.D
 Acq: 26 Jul 2018 17:12

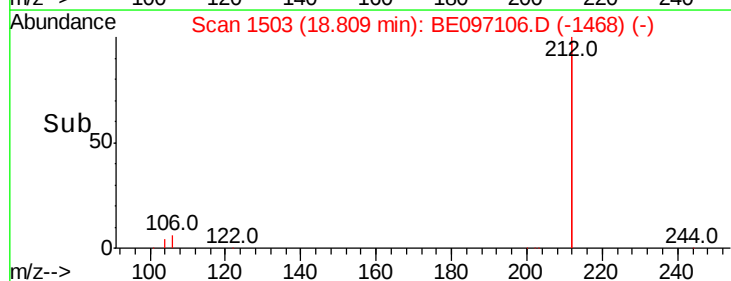
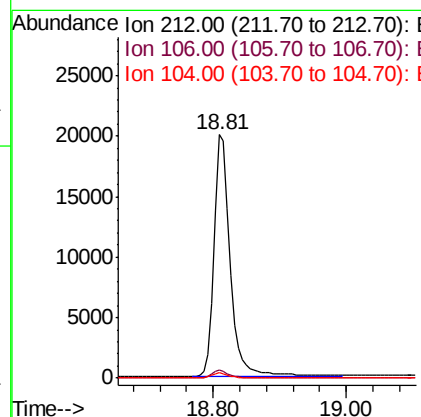
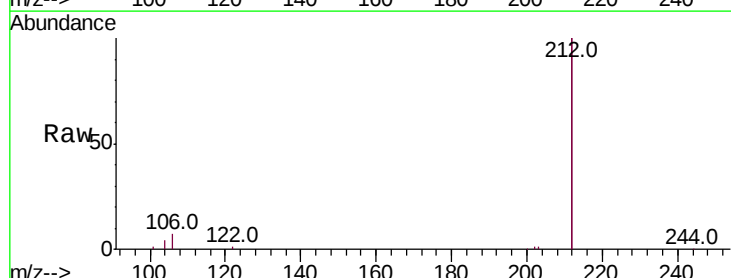
Instrument :
 BNA_E
 ClientSampleId :

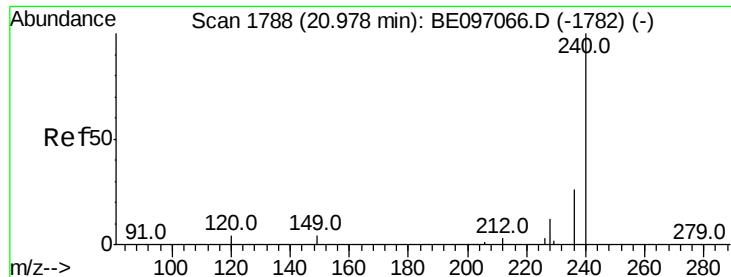
Tot Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 95.7 72.5 108.7
 268 100.0 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.375 ng
 RT: 18.81 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BE097106.D
 Acq: 26 Jul 2018 17:12

Tgt Ion:212 Resp: 33188
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097106.D

Acq: 26 Jul 2018 17:12

Instrument :

BNA_E

ClientSampled :

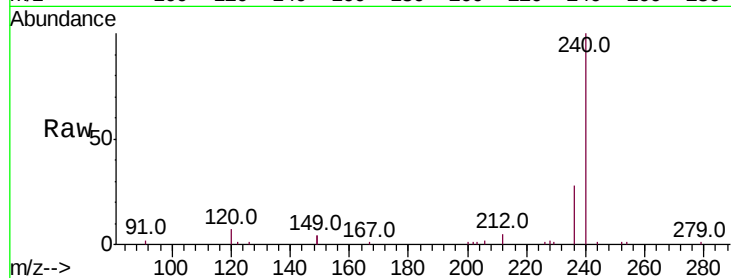
Tot Ion:240 Resp: 6158

Ion Ratio Lower Upper

240 100

120 7.3 5.5 8.3

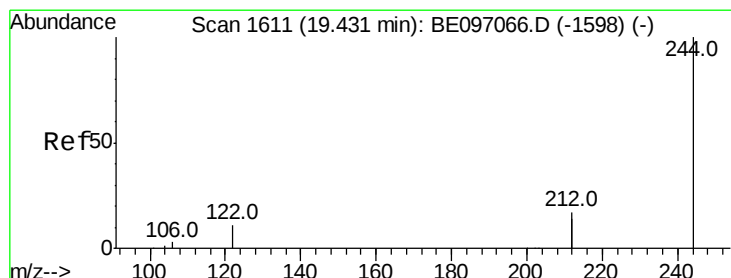
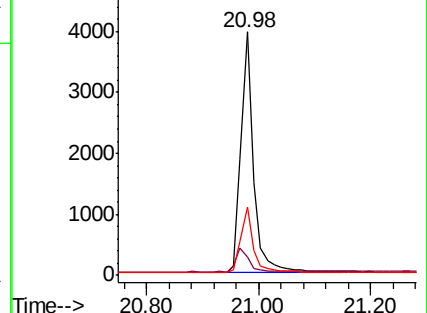
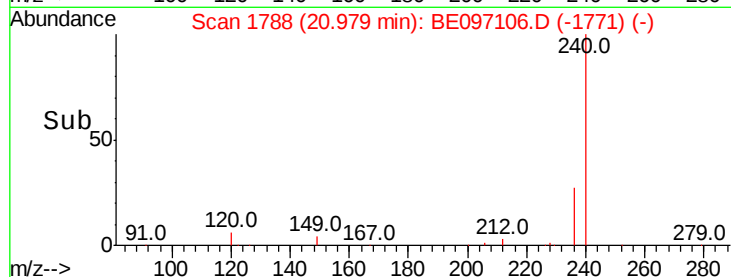
236 28.0 20.7 31.1



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: 0.411 ng

RT: 19.43 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BE097106.D

Acq: 26 Jul 2018 17:12

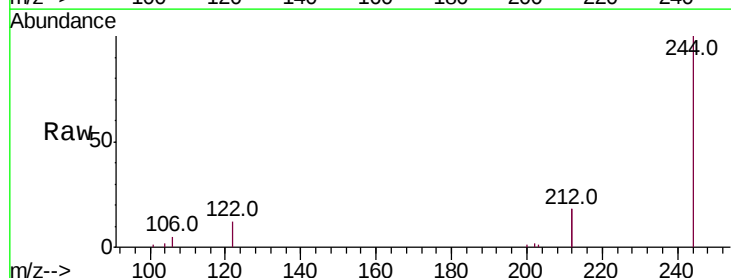
Tgt Ion:244 Resp: 4861

Ion Ratio Lower Upper

244 100

212 36.4 25.4 38.0

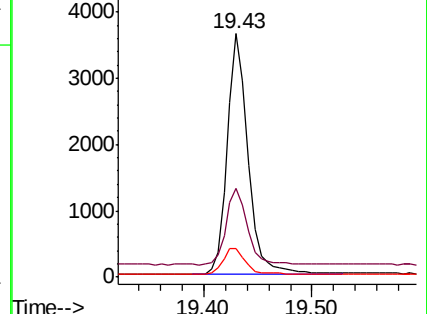
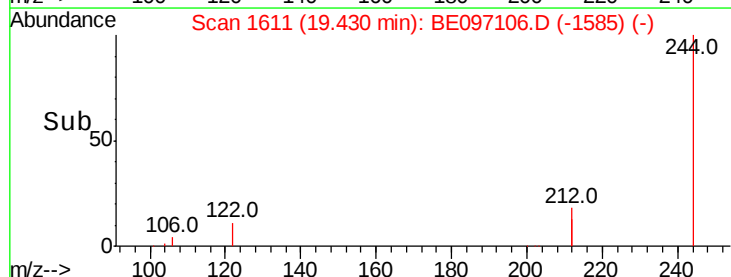
122 11.7 8.1 12.1

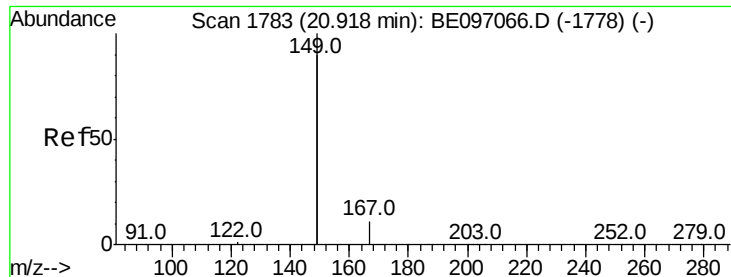


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

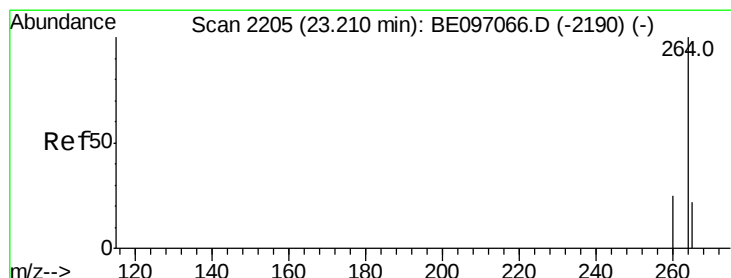
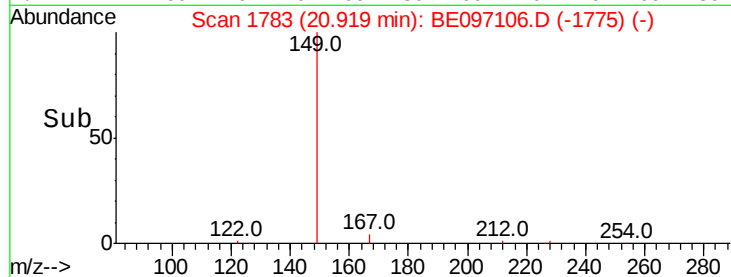
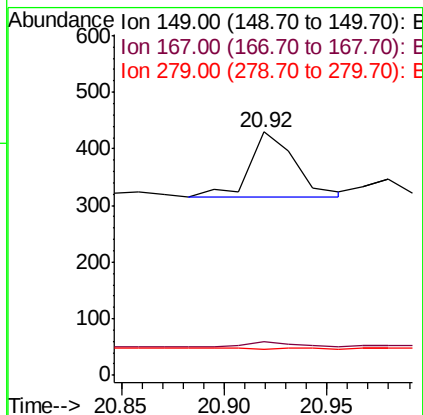
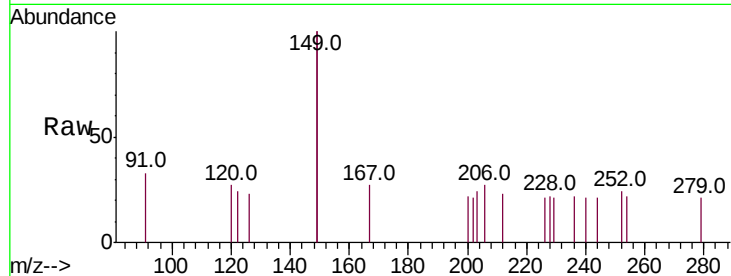




#32
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097106.D
 Acq: 26 Jul 2018 17:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 176
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.4 8.0
 279 1.7 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BE097106.D
 Acq: 26 Jul 2018 17:12

Tgt Ion:264 Resp: 4996
 Ion Ratio Lower Upper
 264 100
 260 27.8 20.5 30.7
 265 27.3 22.8 34.2

