

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
 Data File : BE097682.D
 Acq On : 26 Sep 2018 10:59
 Operator : SJ/JU
 Sample : J4892-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 15:28:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 18:40:34 2018
 Response via : Initial Calibration

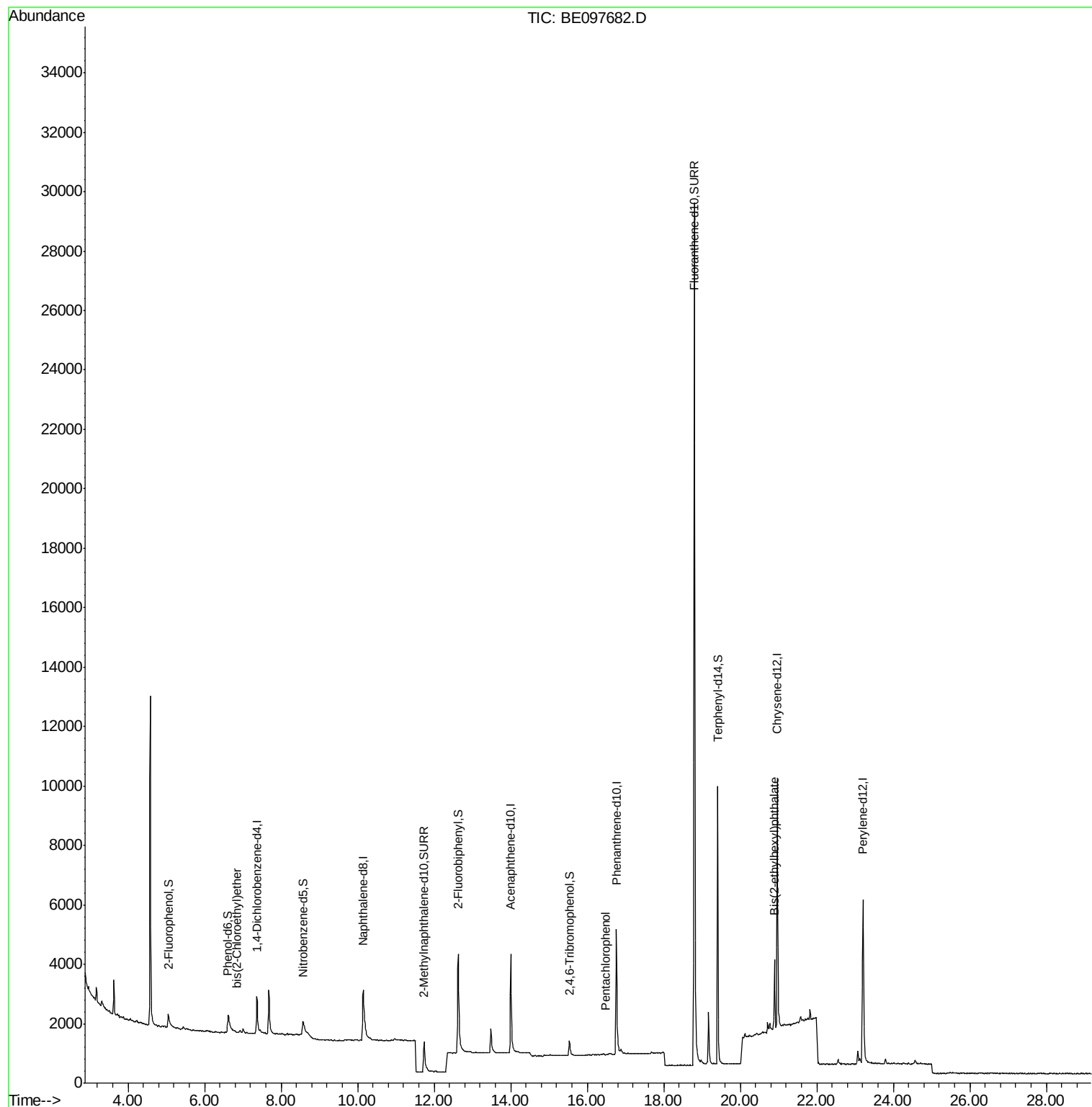
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	818	0.40	ng	-0.01
7) Naphthalene-d8	10.15	136	3603	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	2422	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	7448	0.40	ng	0.01
27) Chrysene-d12	20.97	240	9386	0.40	ng	0.00
34) Perylene-d12	23.21	264	8819	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	449	0.21	ng	0.00
5) Phenol-d6	6.61	99	290	0.10	ng	-0.01
8) Nitrobenzene-d5	8.57	82	945	0.43	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	2547	0.48	ng	0.01
14) 2,4,6-Tribromophenol	15.53	330	429	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5069	0.64	ng	0.00
25) Fluoranthene-d10	18.80	212	49183	0.61	ng	0.00
29) Terphenyl-d14	19.41	244	8789	0.48	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	6.84	93	10	0.07	ng	# 1
22) Pentachlorophenol	16.49	266	10	0.02	ng	98
32) Bis(2-ethylhexyl)phthalate	20.89	149	3111	0.12	ng	# 99

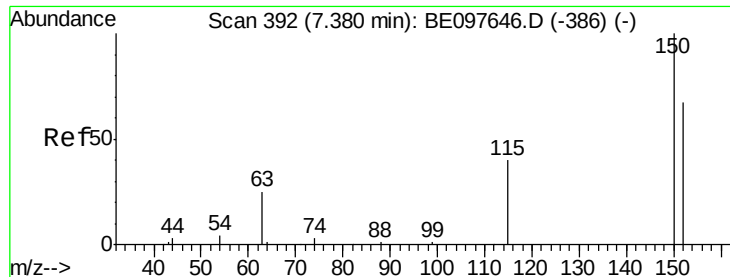
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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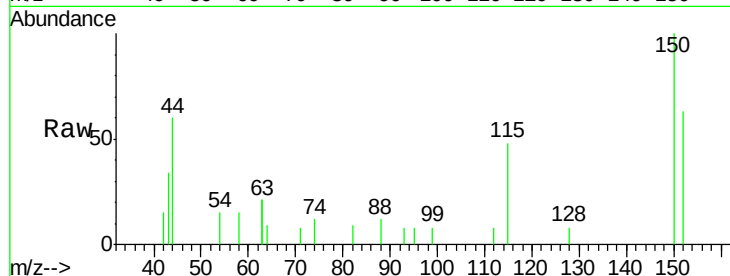


#1

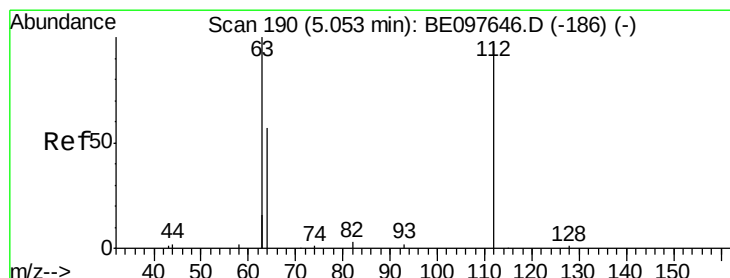
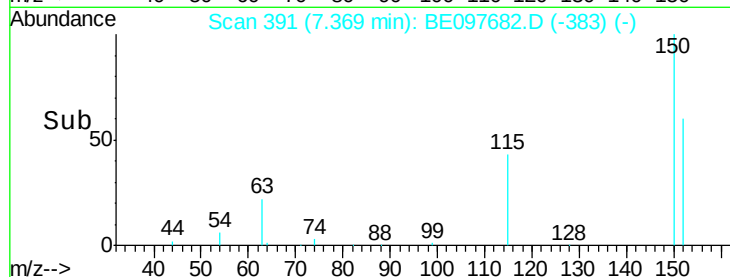
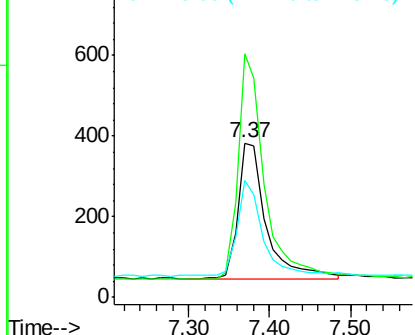
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097682.D
Acq: 26 Sep 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 818
Ion Ratio Lower Upper
152 100
150 157.7 117.2 175.8
115 75.7 57.0 85.6



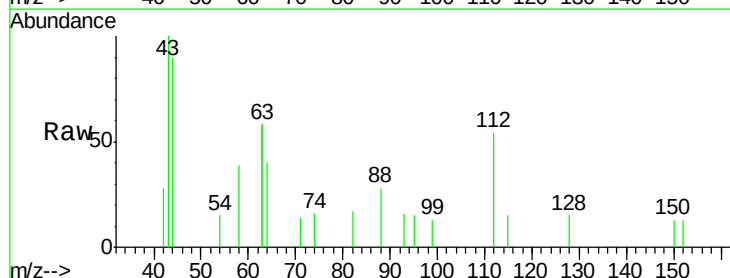
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



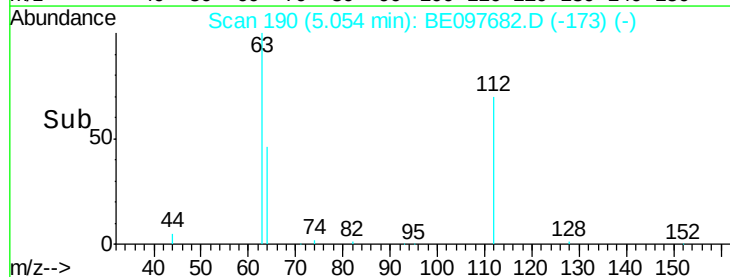
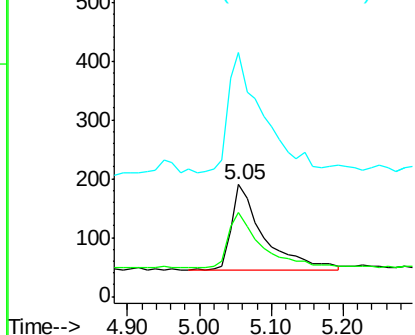
#4

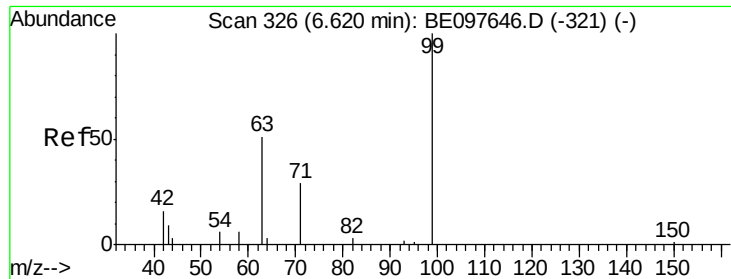
2-Fluorophenol
Concen: 0.21 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097682.D
Acq: 26 Sep 2018 10:59

Tgt Ion:112 Resp: 449
Ion Ratio Lower Upper
112 100
64 67.5 60.1 90.1
63 154.1 116.8 175.2



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: 0.10 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.01 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

Instrument :

BNA_E

ClientSampled :

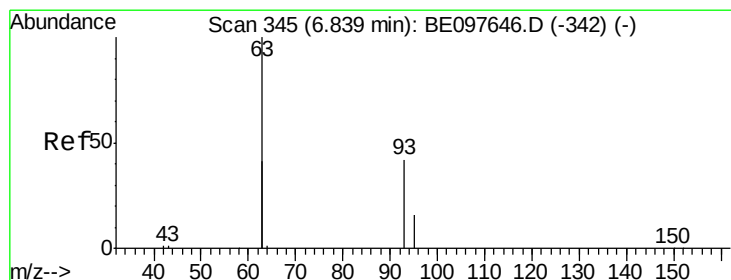
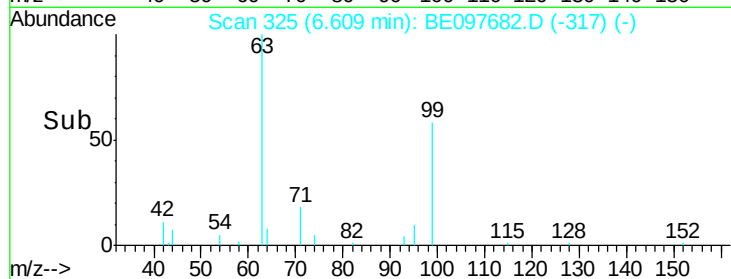
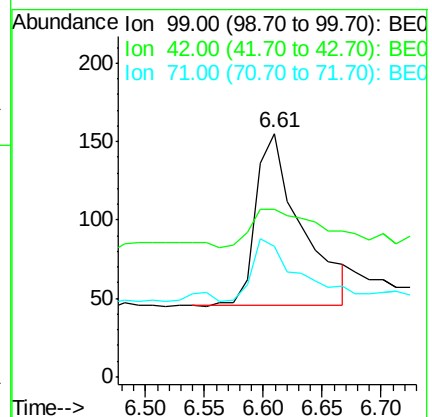
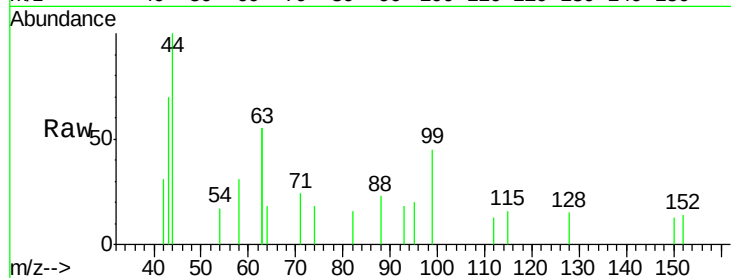
Tot Ion: 99 Resp: 290

Ion Ratio Lower Upper

99 100

42 31.0 20.2 30.2#

71 34.8 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.07 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

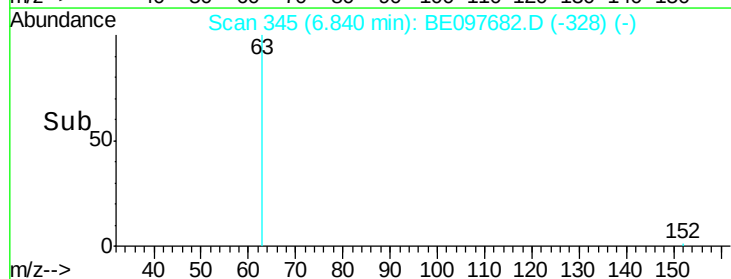
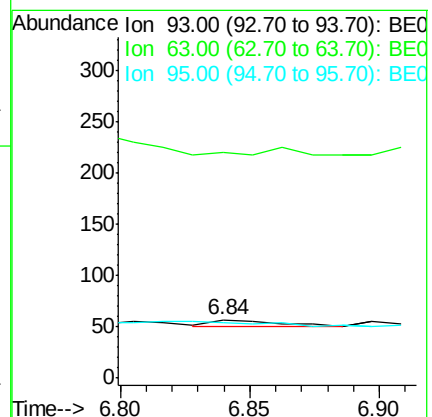
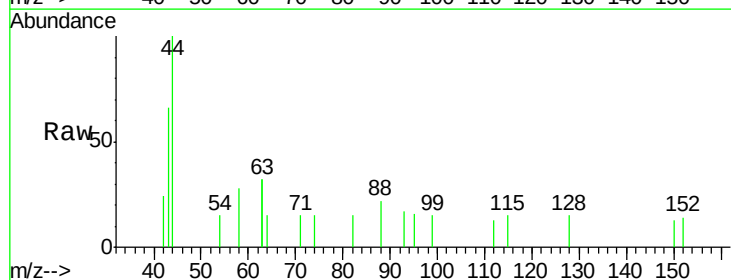
Tgt Ion: 93 Resp: 10

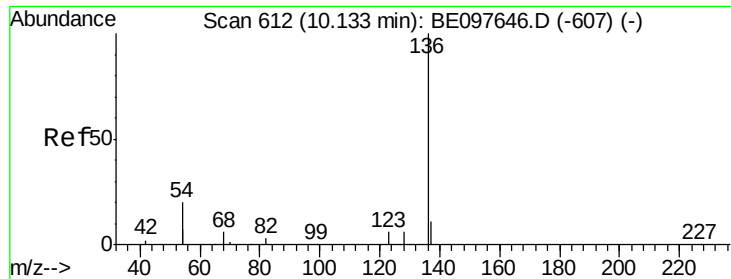
Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

95 0.0 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3603

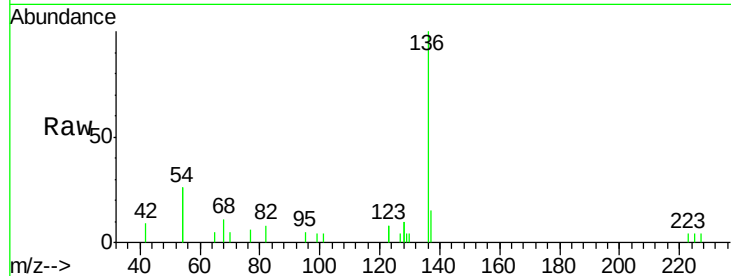
Ion Ratio Lower Upper

136 100

137 14.9 9.5 14.3#

54 51.6 29.1 43.7#

68 11.2 6.2 9.2#

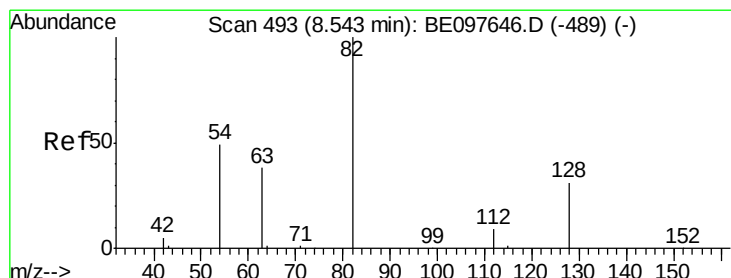
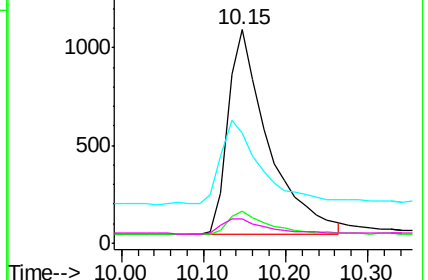
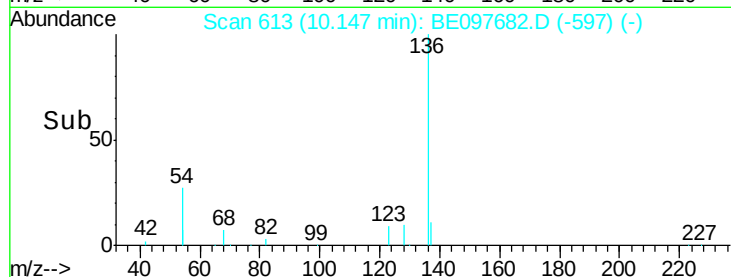


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.43 ng

RT: 8.57 min Scan# 495

Delta R.T. 0.02 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

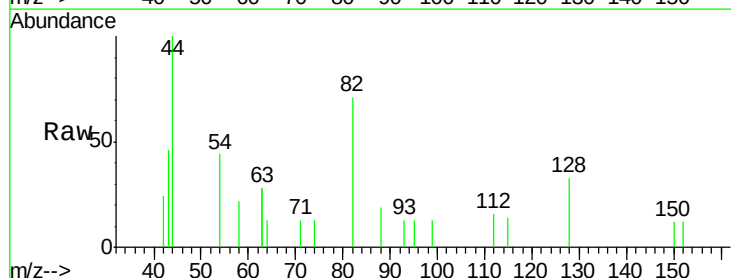
Tgt Ion: 82 Resp: 945

Ion Ratio Lower Upper

82 100

128 47.0 24.0 36.0#

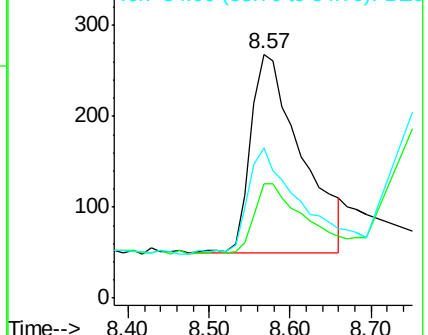
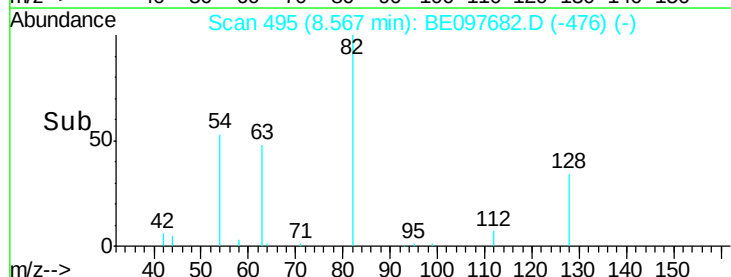
54 61.6 40.0 60.0#

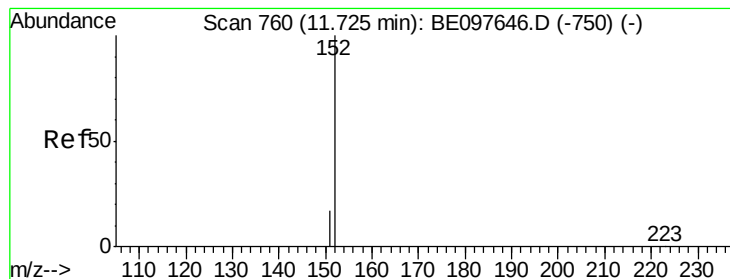


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.48 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.01 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

Instrument :

BNA_E

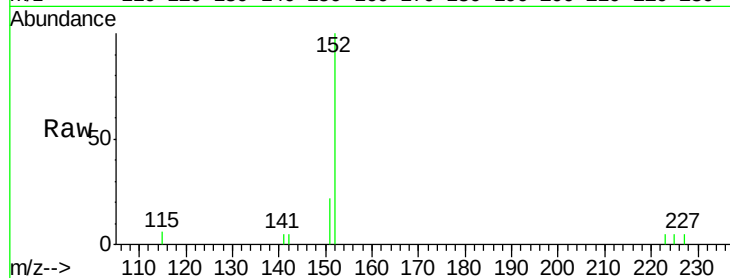
ClientSampled :

Tot Ion:152 Resp: 2547

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

800

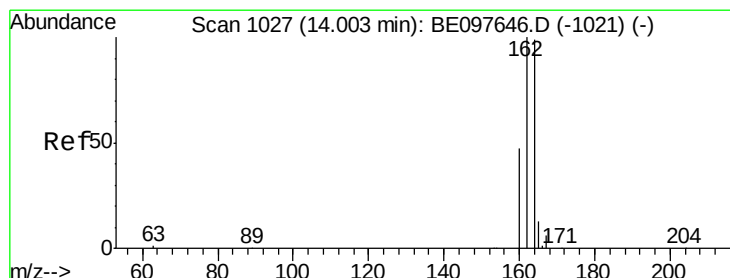
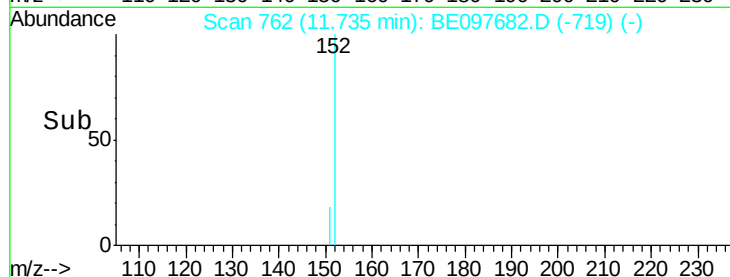
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

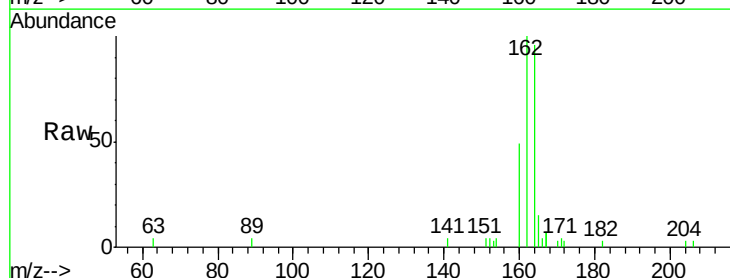
Tgt Ion:164 Resp: 2422

Ion Ratio Lower Upper

164 100

162 104.2 83.1 124.7

160 50.8 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

14.00

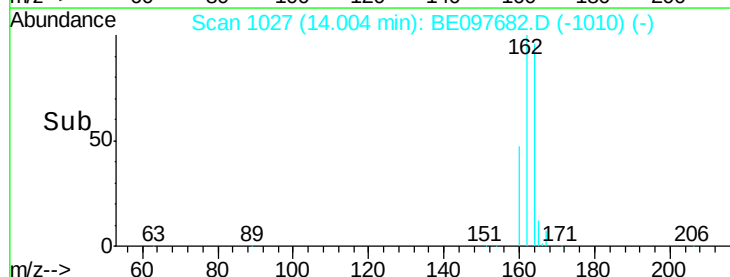
1500

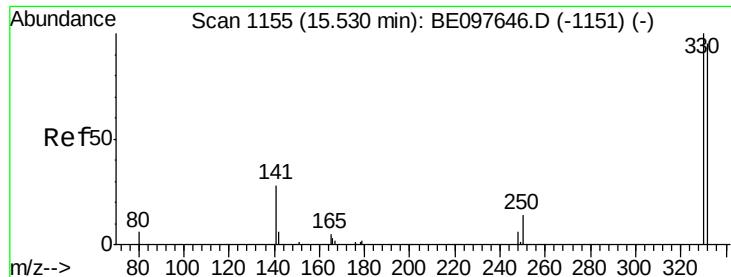
1000

500

0

Time-->

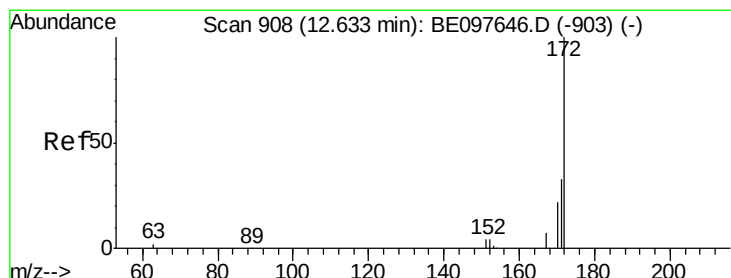
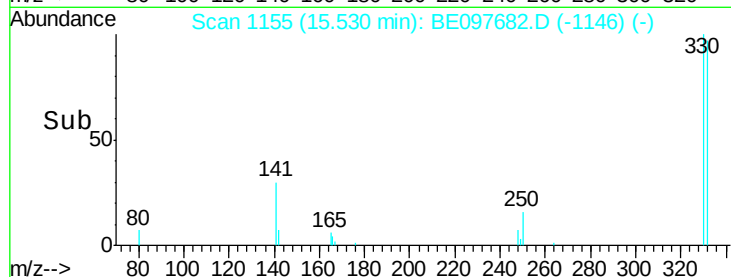
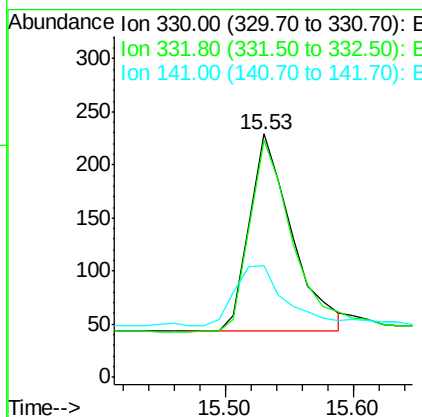
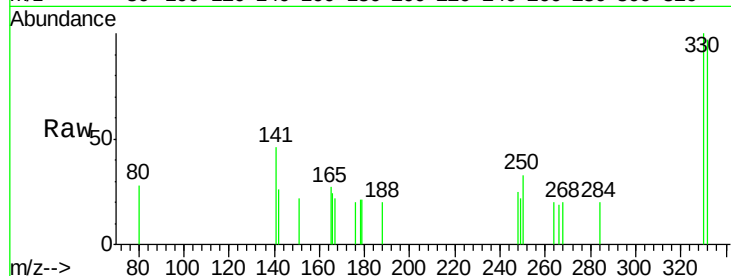




#14
 2,4,6-Tribromophenol
 Concen: 0.43 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BE097682.D
 Acq: 26 Sep 2018 10:59

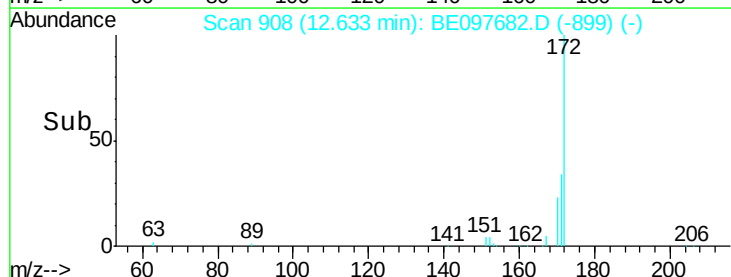
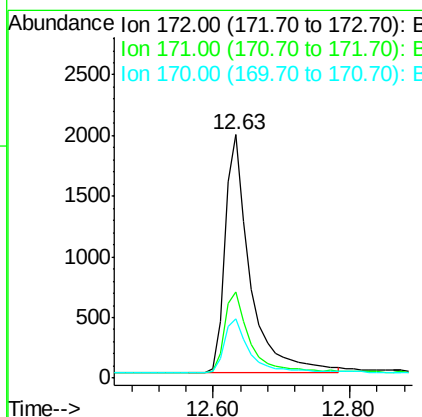
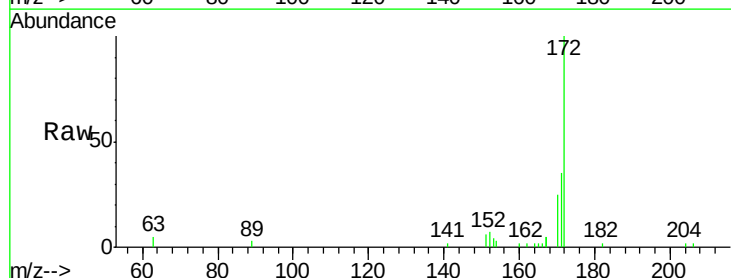
Instrument :
 BNA_E
 ClientSampleId :

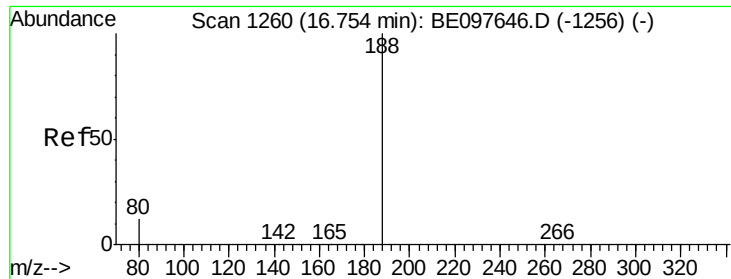
Tot Ion:330 Resp: 429
 Ion Ratio Lower Upper
 330 100
 332 98.1 152.7 229.1#
 141 37.1 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.64 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE097682.D
 Acq: 26 Sep 2018 10:59

Tgt Ion:172 Resp: 5069
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.9 44.9
 170 24.6 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

Instrument :

BNA_E

ClientSampleId :

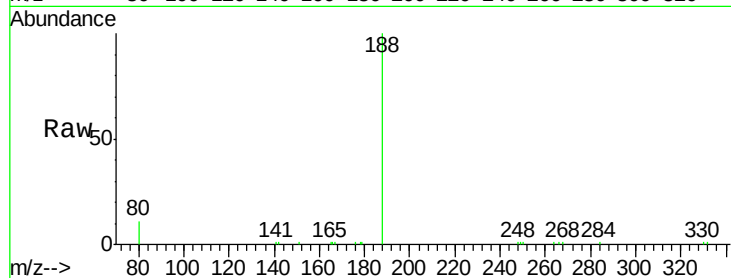
Tot Ion:188 Resp: 7448

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

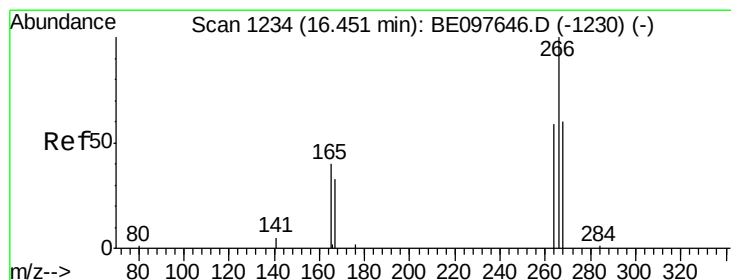
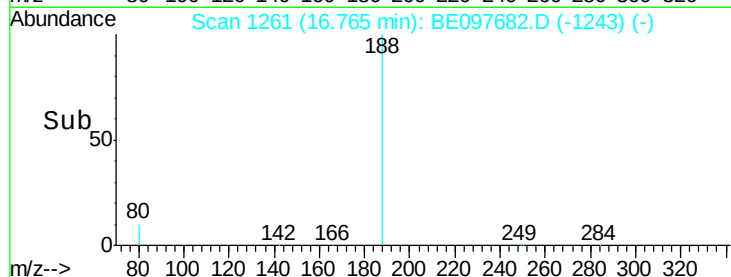
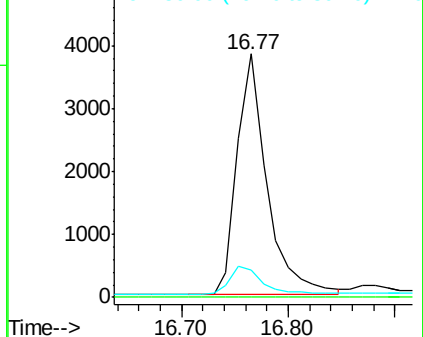
80 11.0 3.6 5.4#



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: 0.02 ng

RT: 16.49 min Scan# 1237

Delta R.T. 0.03 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

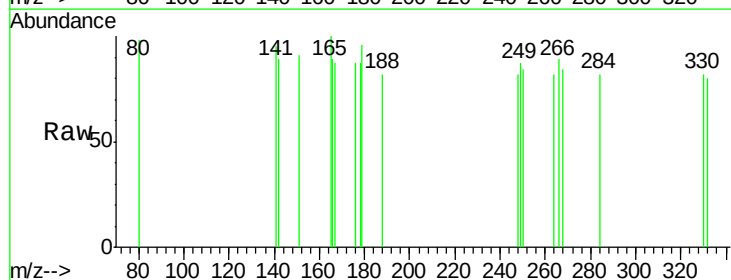
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 91.8 72.5 108.7

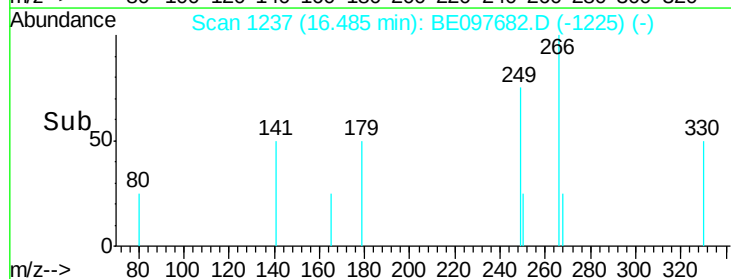
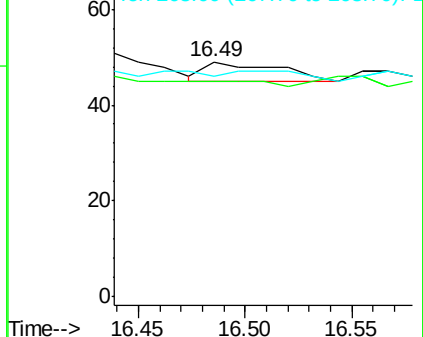
268 93.9 73.8 110.6

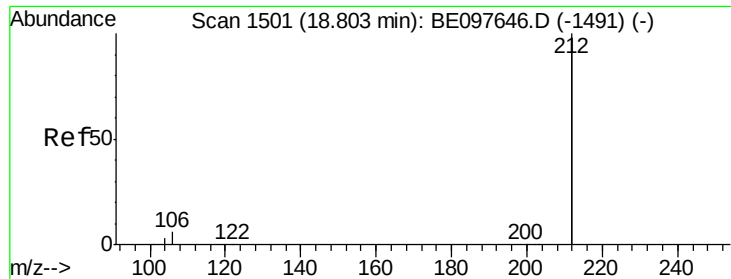


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.61 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

Instrument :

BNA_E

ClientSampleId :

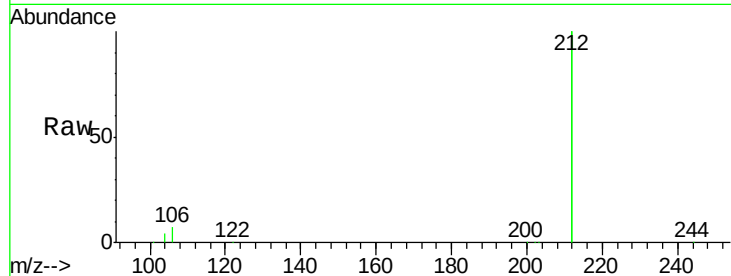
Tot Ion:212 Resp: 49183

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

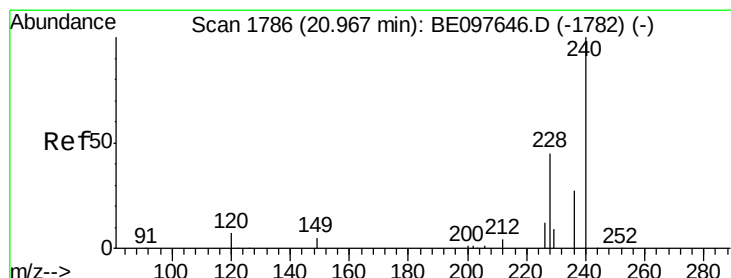
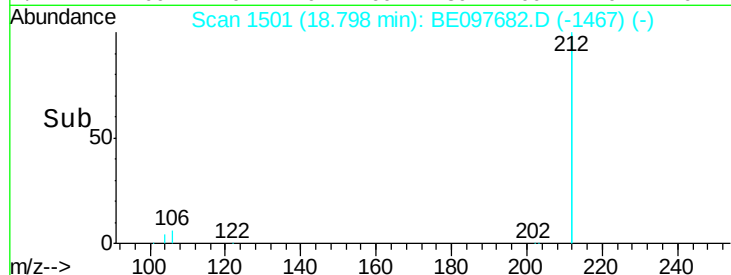
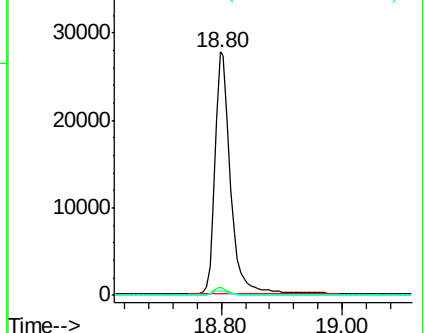
104 1.8 1.6 2.4



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: 0.40 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

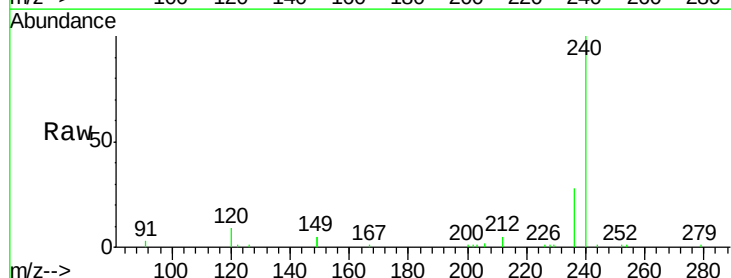
Tgt Ion:240 Resp: 9386

Ion Ratio Lower Upper

240 100

120 9.3 5.5 8.3#

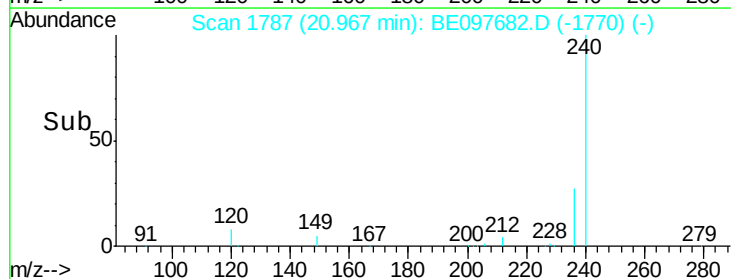
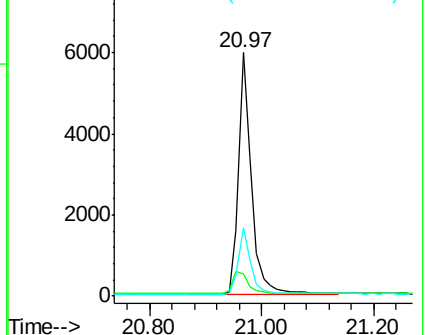
236 27.9 20.7 31.1

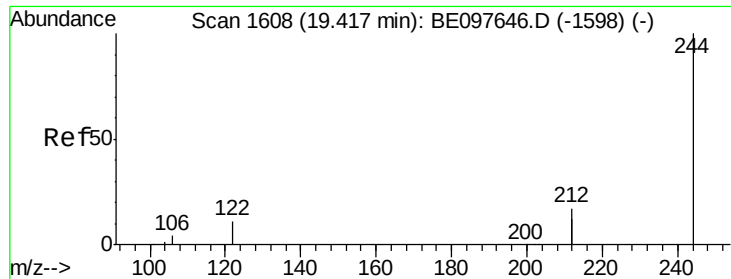


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.48 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

Instrument :

BNA_E

ClientSampleId :

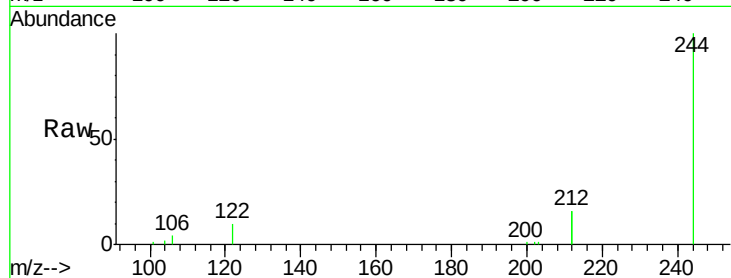
Tot Ion:244 Resp: 8789

Ion Ratio Lower Upper

244 100

212 32.0 25.4 38.0

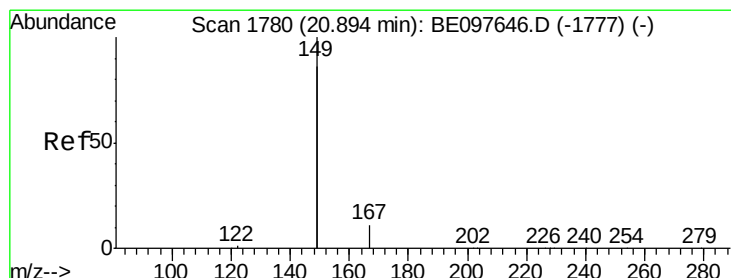
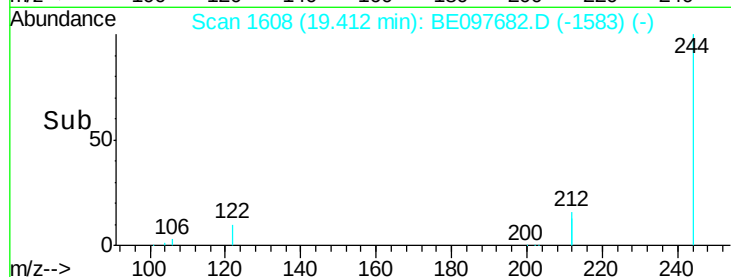
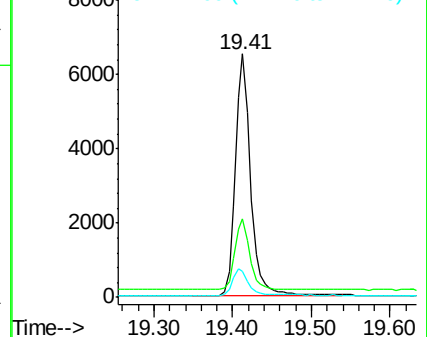
122 10.4 8.1 12.1



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: 0.12 ng

RT: 20.89 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

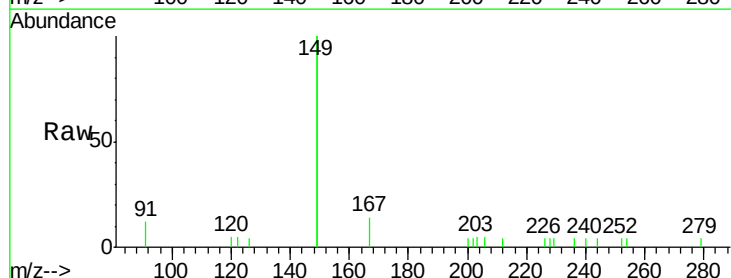
Tgt Ion:149 Resp: 3111

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

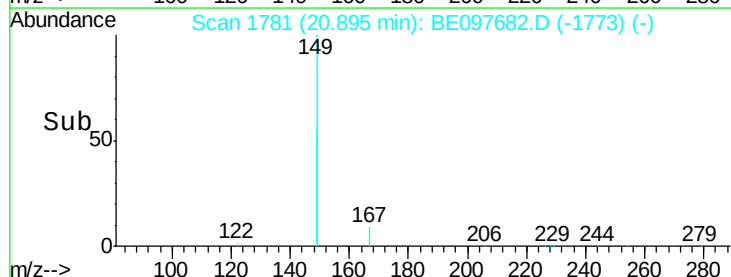
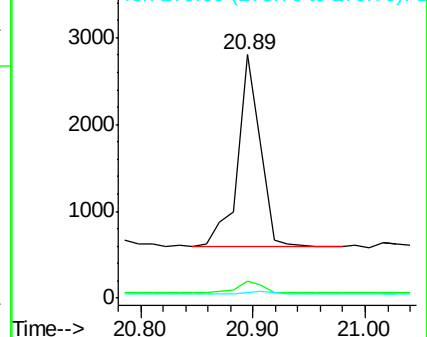
279 1.1 0.7 1.1#

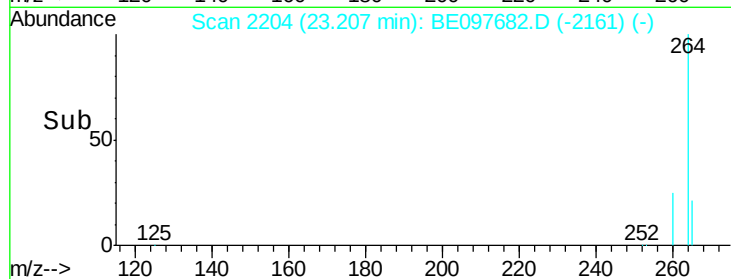
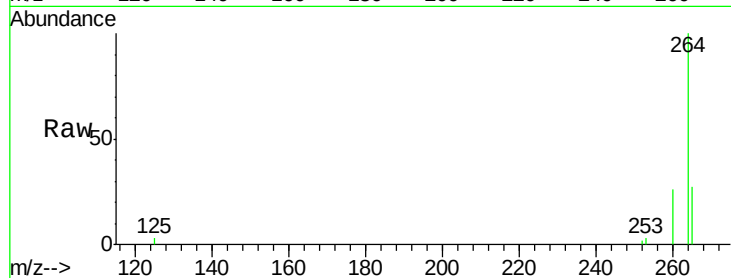
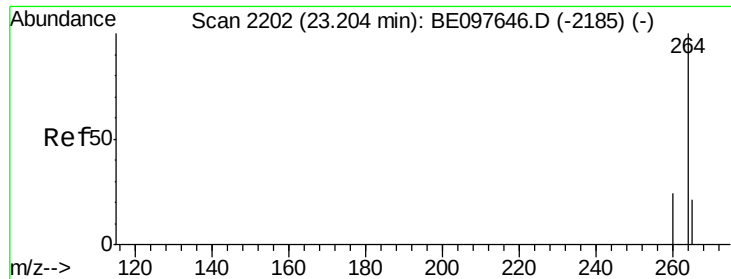


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.40 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097682.D
 Acq: 26 Sep 2018 10:59

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	8819
Ion Ratio	Lower	Upper	
264	100		
260	25.5	20.5	30.7
265	27.1	22.8	34.2

