

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
 Data File : BE097683.D
 Acq On : 26 Sep 2018 11:38
 Operator : SJ/JU
 Sample : J4963-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 15:28:39 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

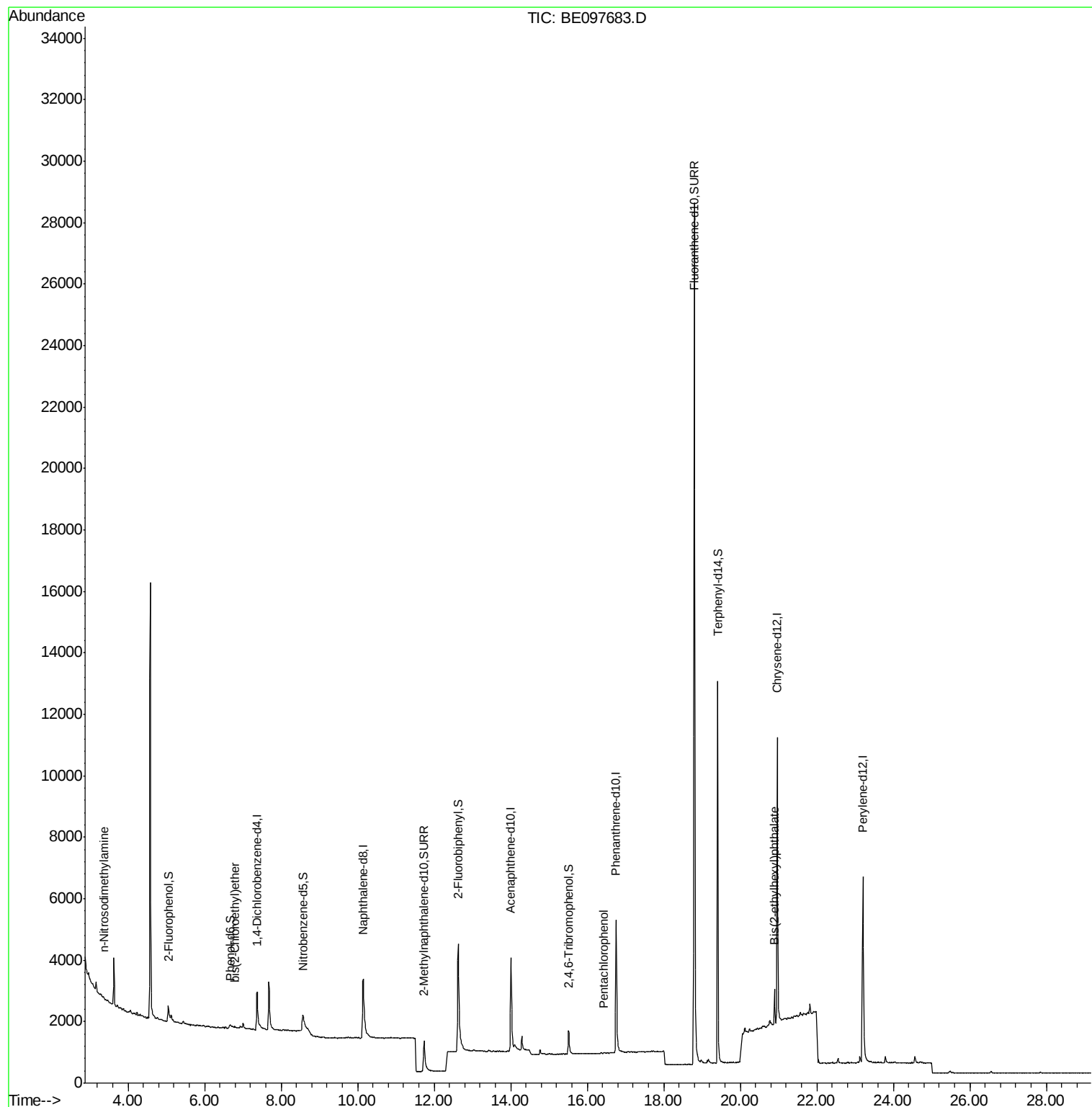
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	884	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4153	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	2694	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	8105	0.40	ng	0.00
27) Chrysene-d12	20.97	240	10169	0.40	ng	0.00
34) Perylene-d12	23.20	264	9803	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	507	0.22	ng	0.00
5) Phenol-d6	6.67	99	124	0.04	ng	0.05
8) Nitrobenzene-d5	8.57	82	1146	0.44	ng	0.02
11) 2-Methylnaphthalene-d10	11.74	152	2635	0.43	ng	0.02
14) 2,4,6-Tribromophenol	15.52	330	606	0.53	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	5868	0.67	ng	0.00
25) Fluoranthene-d10	18.80	212	44967	0.51	ng	0.00
29) Terphenyl-d14	19.41	244	11651	0.58	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.36	42	25	0.09	ng	# 1
6) bis(2-Chloroethyl)ether	6.81	93	20	0.07	ng	# 1
22) Pentachlorophenol	16.43	266	13	0.02	ng	98
32) Bis(2-ethylhexyl)phthalate	20.89	149	1415	0.05	ng	# 98

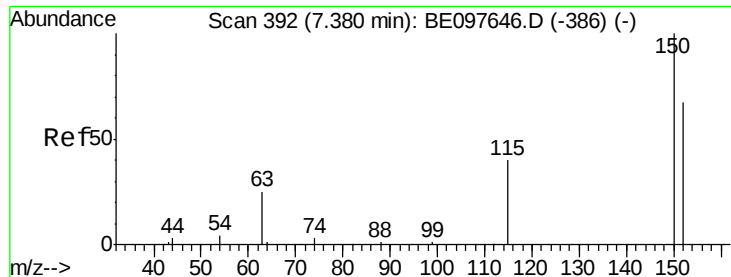
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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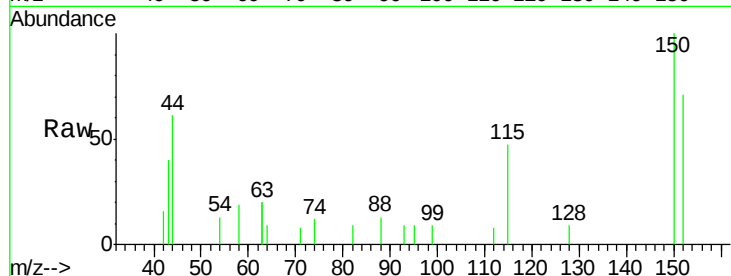


#1

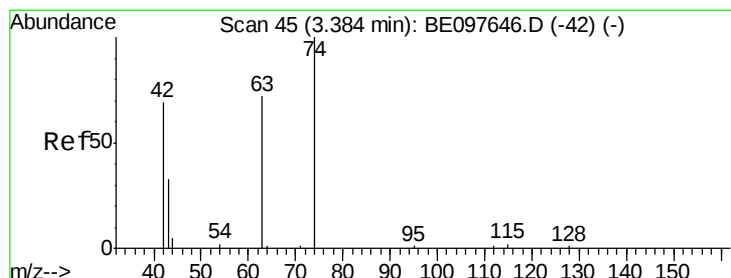
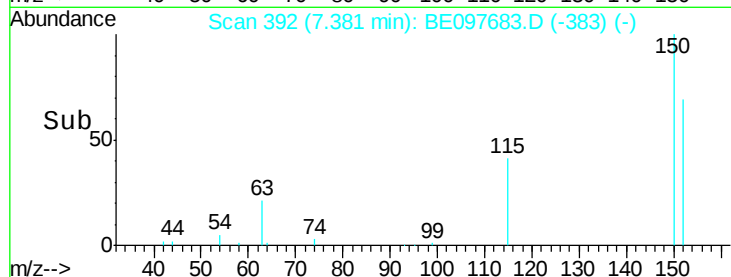
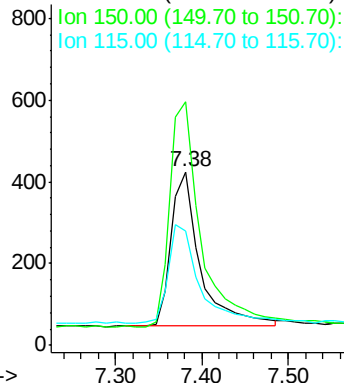
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097683.D
Acq: 26 Sep 2018 11:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 884
Ion Ratio Lower Upper
152 100
150 140.2 117.2 175.8
115 66.1 57.0 85.6



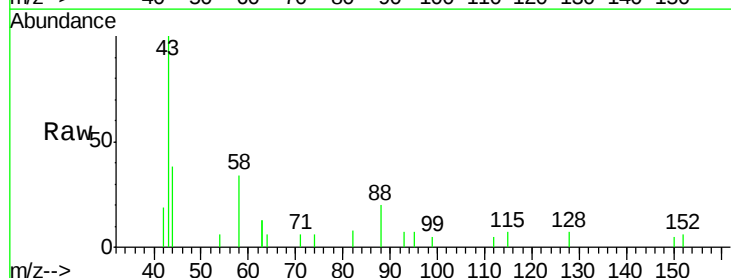
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



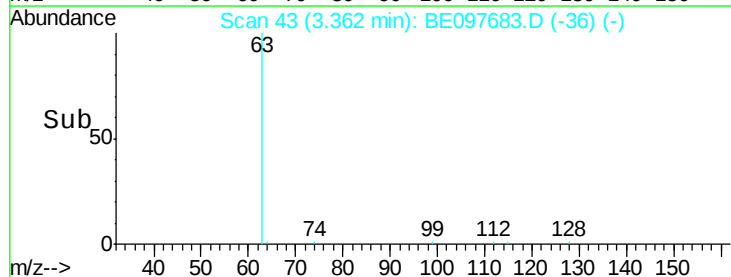
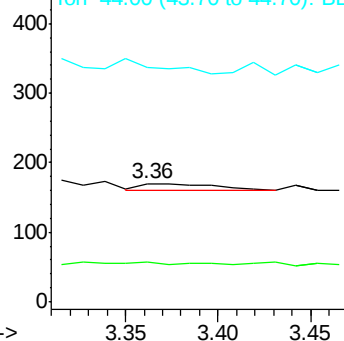
#3

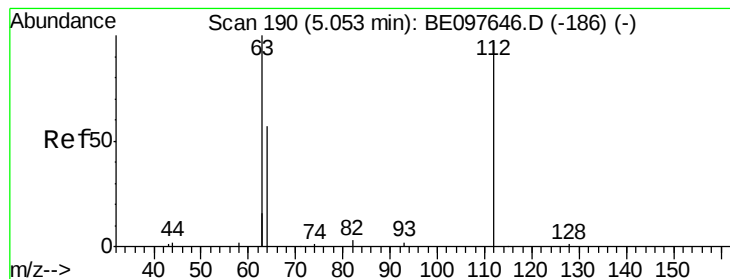
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE097683.D
Acq: 26 Sep 2018 11:38

Tgt Ion: 42 Resp: 25
Ion Ratio Lower Upper
42 100
74 20.0 96.0 144.0#
44 132.0 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: 0.22 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097683.D

Acq: 26 Sep 2018 11:38

Instrument :

BNA_E

ClientSampled :

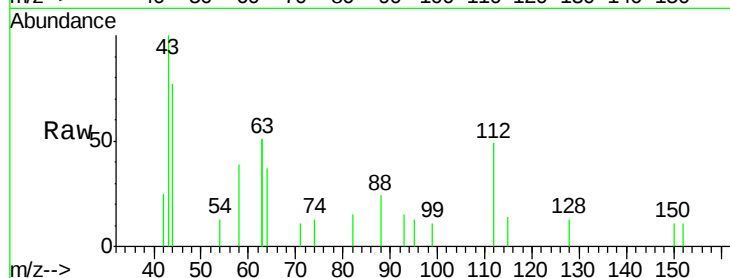
Tot Ion:112 Resp: 507

Ion Ratio Lower Upper

112 100

64 65.3 60.1 90.1

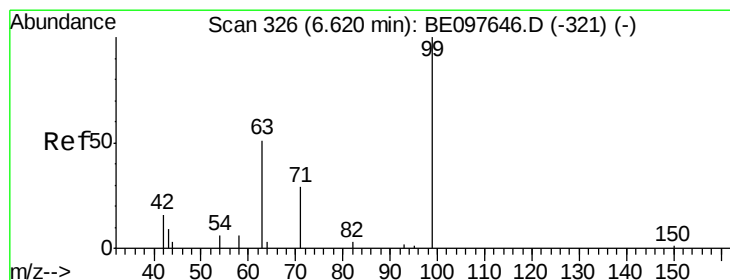
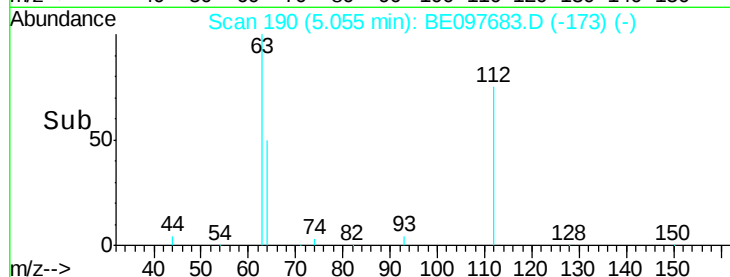
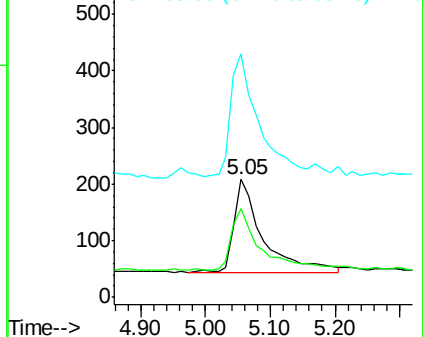
63 126.4 116.8 175.2



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: 0.04 ng

RT: 6.67 min Scan# 330

Delta R.T. 0.05 min

Lab File: BE097683.D

Acq: 26 Sep 2018 11:38

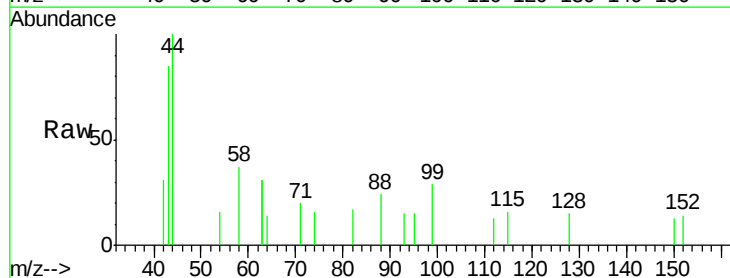
Tgt Ion: 99 Resp: 124

Ion Ratio Lower Upper

99 100

42 29.8 20.2 30.2

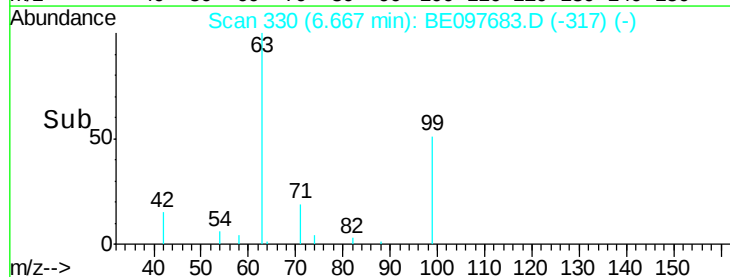
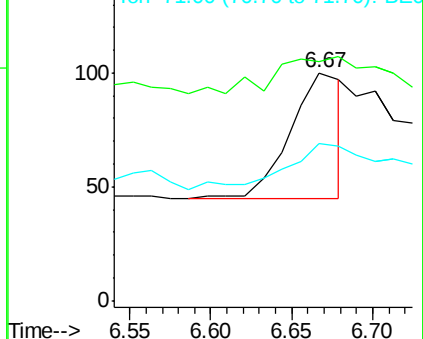
71 40.3 28.4 42.6

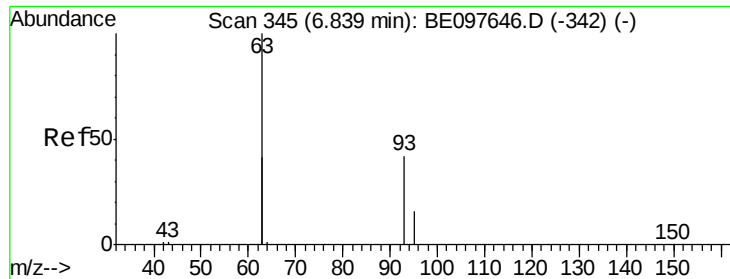


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.07 ng

RT: 6.81 min Scan# 342

Delta R.T. -0.03 min

Lab File: BE097683.D

Acq: 26 Sep 2018 11:38

Instrument :

BNA_E

ClientSampleId :

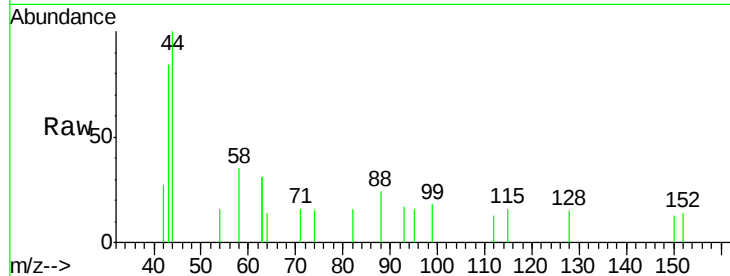
Tot Ion: 93 Resp: 20

Ion Ratio Lower Upper

93 100

63 90.0 275.3 412.9#

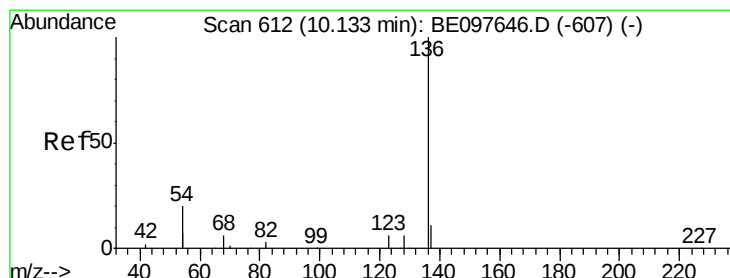
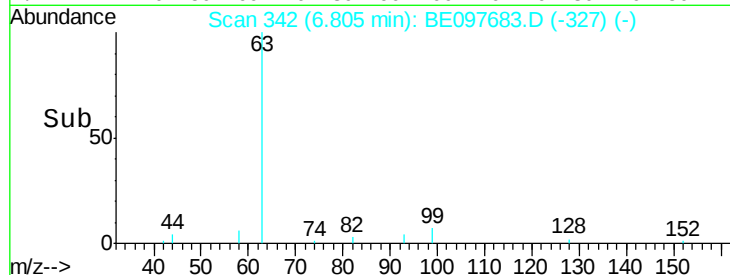
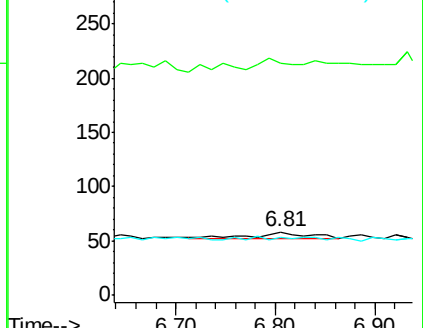
95 0.0 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097683.D

Acq: 26 Sep 2018 11:38

Tgt Ion: 136 Resp: 4153

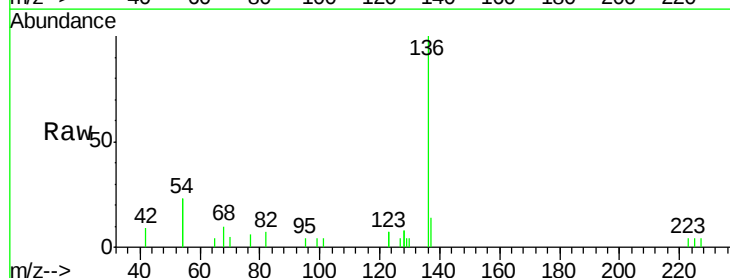
Ion Ratio Lower Upper

136 100

137 14.4 9.5 14.3#

54 46.5 29.1 43.7#

68 10.1 6.2 9.2#

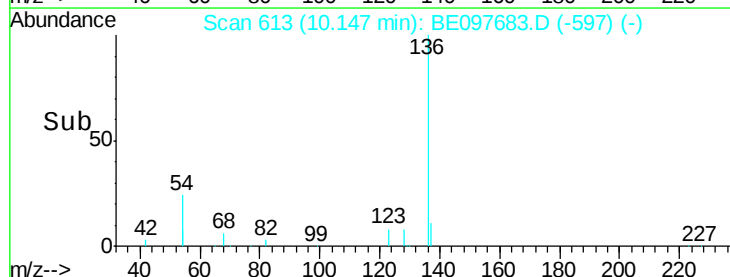
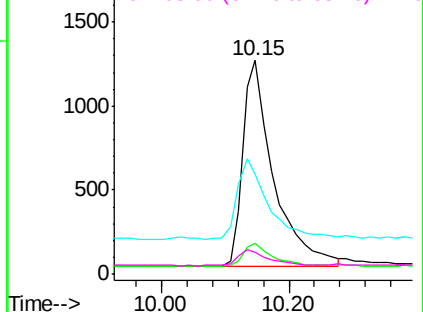


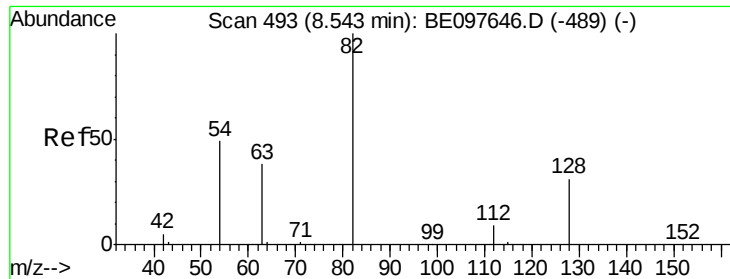
Abundance Ion 136.00 (135.70 to 136.70): E

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

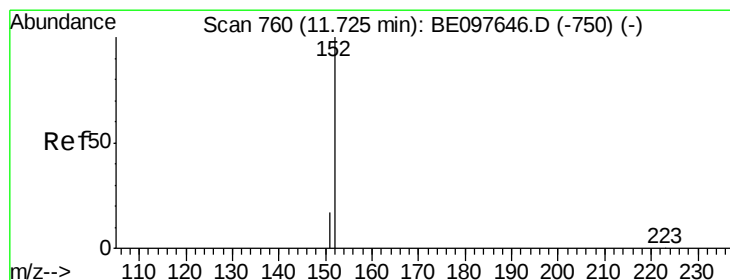
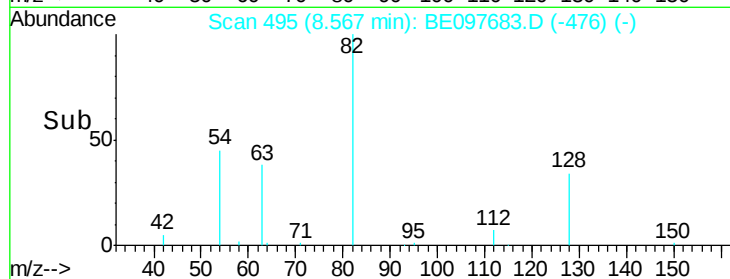
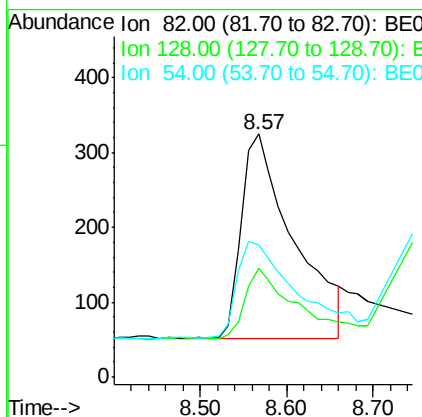
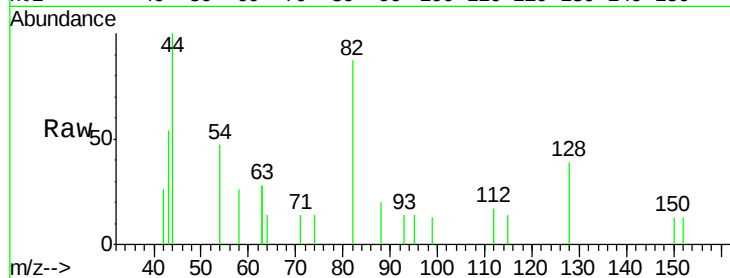




#8
 Nitrobenzene-d5
 Concen: 0.44 ng
 RT: 8.57 min Scan# 495
 Delta R.T. 0.02 min
 Lab File: BE097683.D
 Acq: 26 Sep 2018 11:38

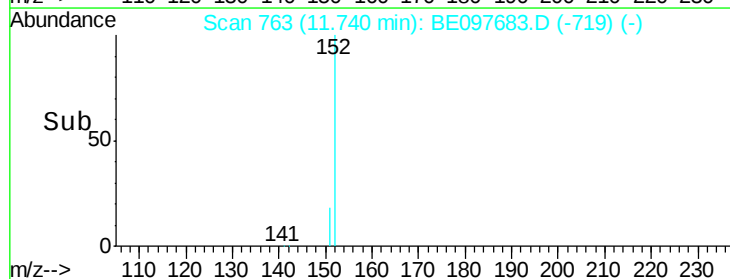
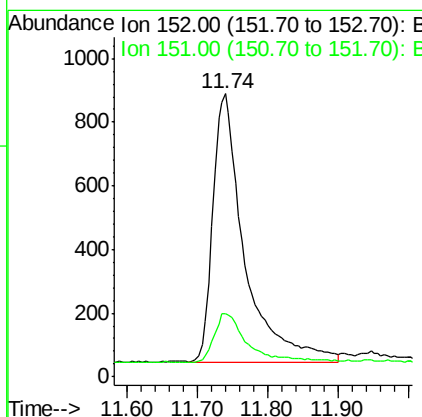
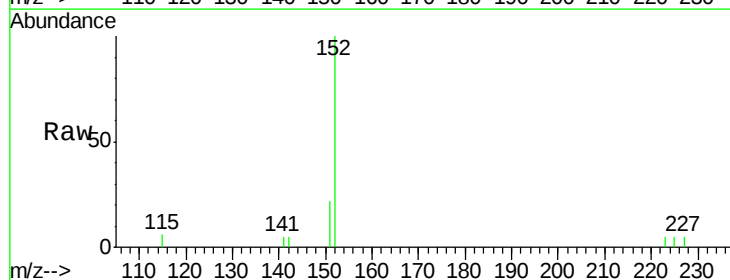
Instrument :
 BNA_E
 ClientSampleId :

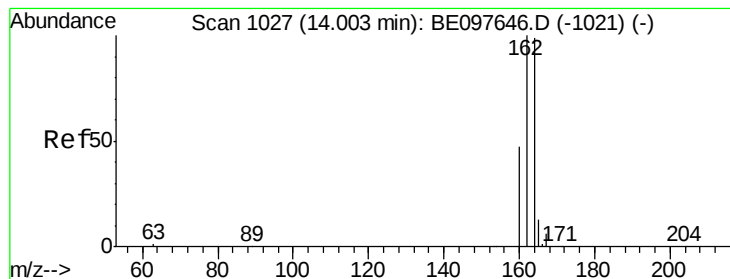
Tot Ion: 82 Resp: 1146
 Ion Ratio Lower Upper
 82 100
 128 44.9 24.0 36.0#
 54 54.5 40.0 60.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.43 ng
 RT: 11.74 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE097683.D
 Acq: 26 Sep 2018 11:38

Tgt Ion: 152 Resp: 2635
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.4 23.0





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.00 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE097683.D

Acq: 26 Sep 2018 11:38

Instrument :

BNA_E

ClientSampleId :

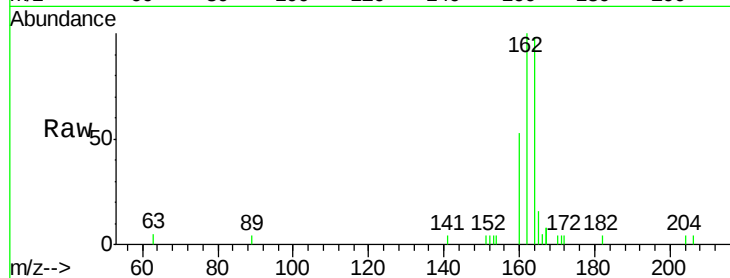
Tot Ion:164 Resp: 2694

Ion Ratio Lower Upper

164 100

162 101.9 83.1 124.7

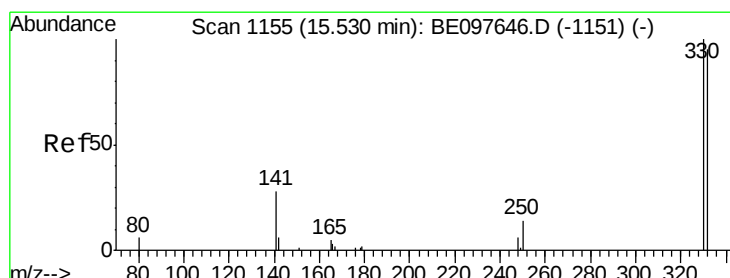
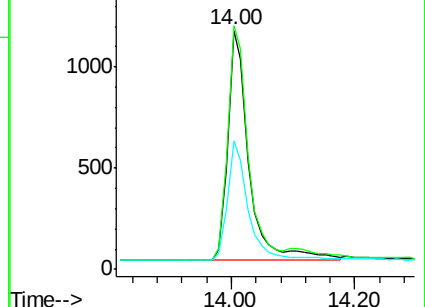
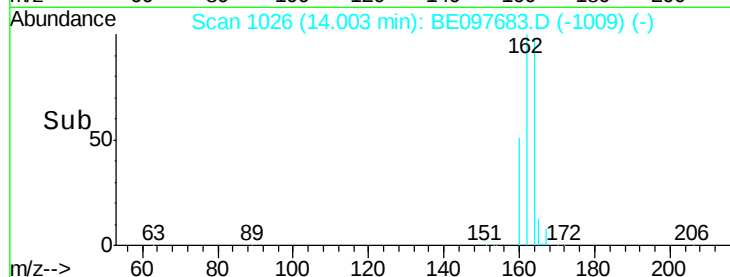
160 53.5 37.1 55.7



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: 0.53 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097683.D

Acq: 26 Sep 2018 11:38

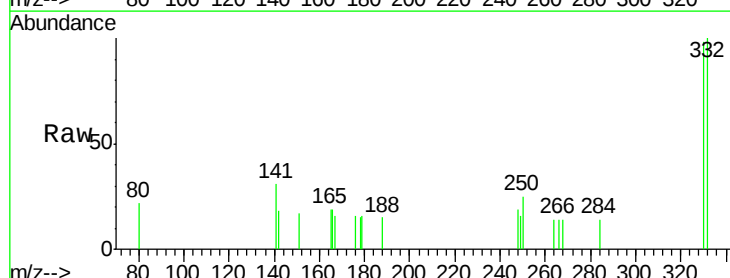
Tgt Ion:330 Resp: 606

Ion Ratio Lower Upper

330 100

332 96.7 152.7 229.1#

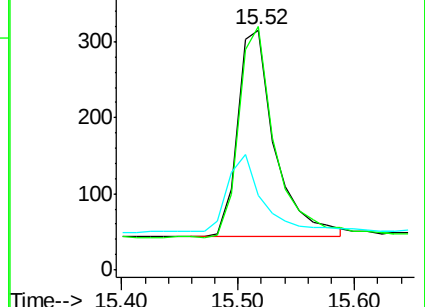
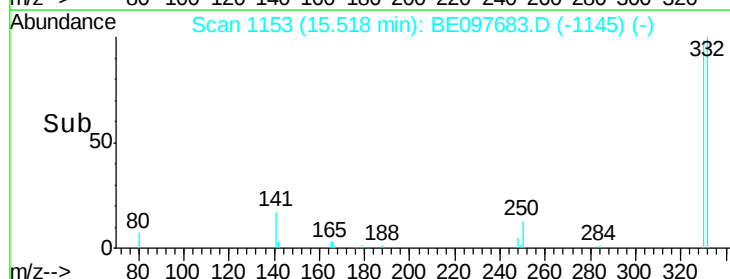
141 34.8 33.7 50.5

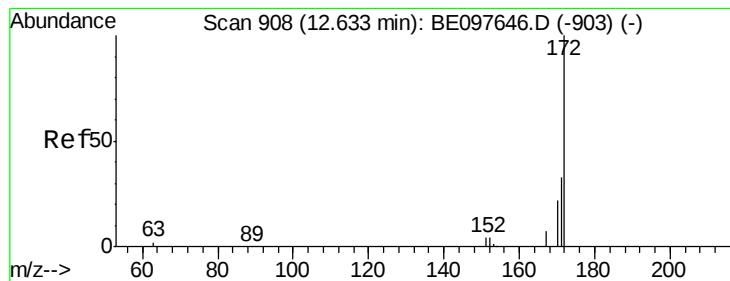


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

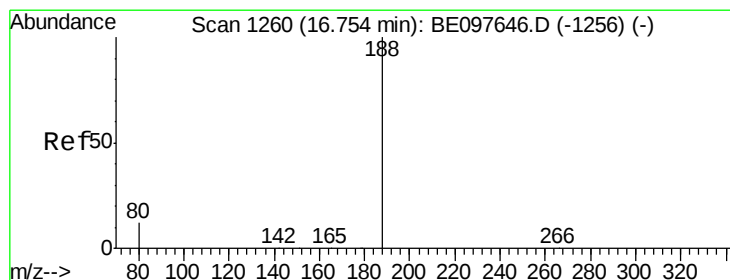
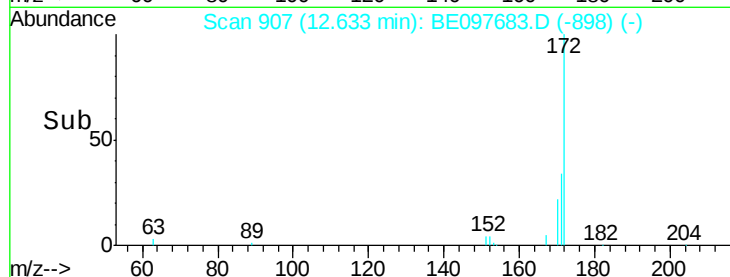
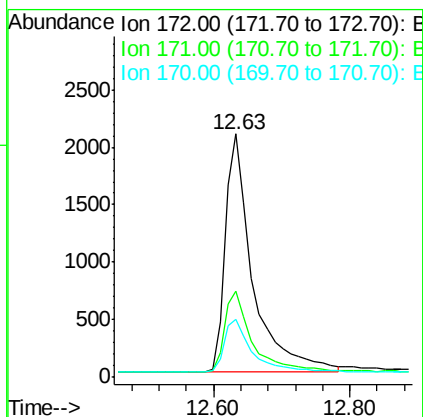
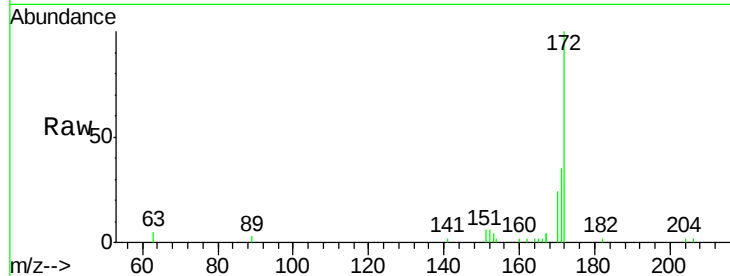




#15
2-Fluorobiphenyl
Concen: 0.67 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097683.D
Acq: 26 Sep 2018 11:38

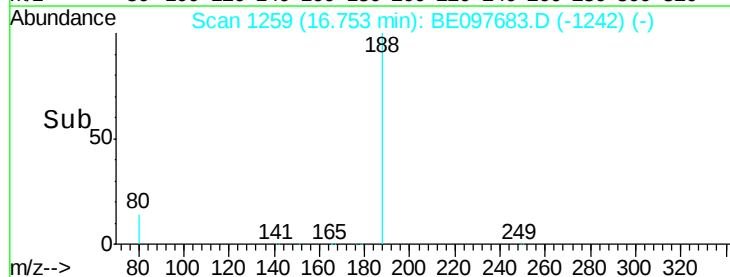
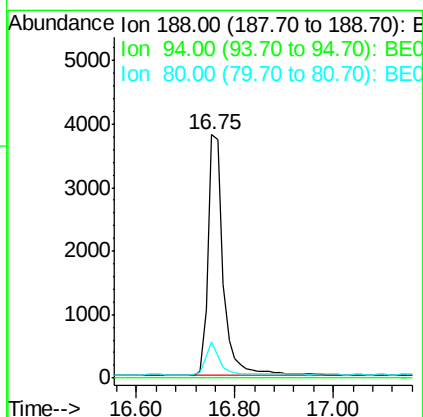
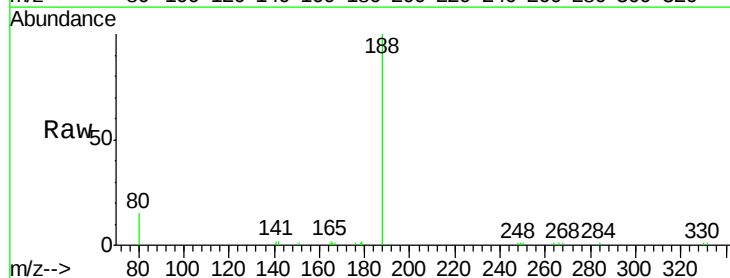
Instrument :
BNA_E
ClientSampleId :

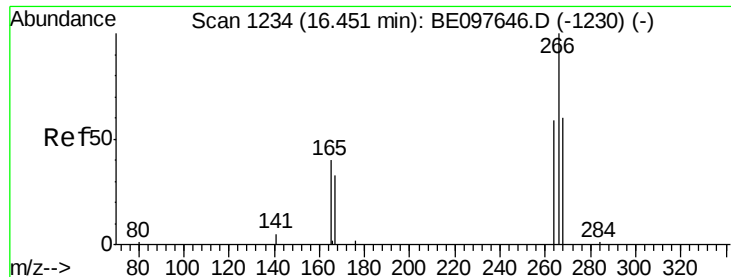
Tot Ion:172 Resp: 5868
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 24.1 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE097683.D
Acq: 26 Sep 2018 11:38

Tgt Ion:188 Resp: 8105
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.9 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.02 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.02 min

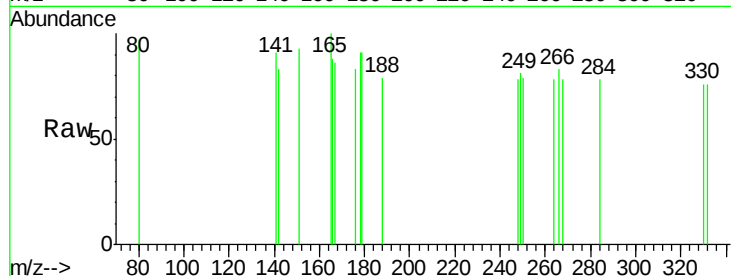
Lab File: BE097683.D

Acq: 26 Sep 2018 11:38

Instrument :

BNA_E

ClientSampleId :



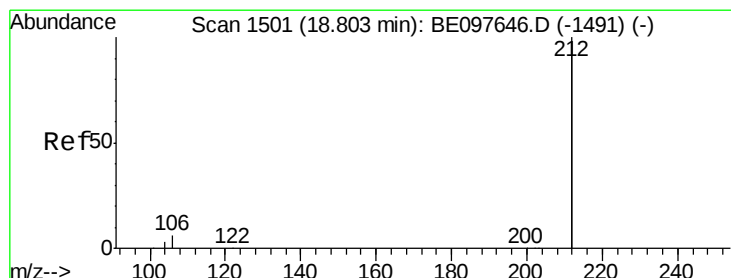
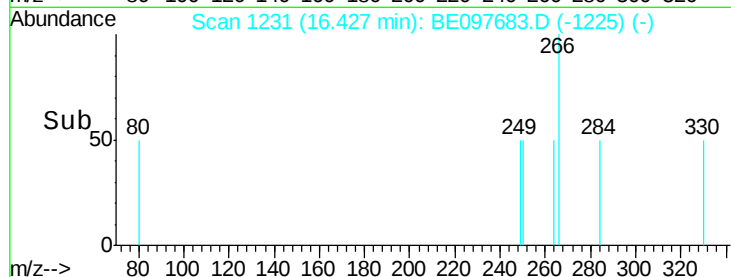
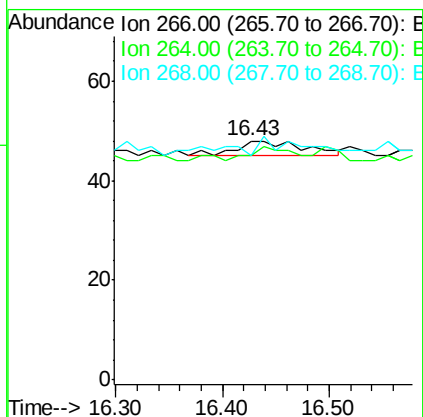
Tot Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 93.8 72.5 108.7

268 93.8 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.51 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097683.D

Acq: 26 Sep 2018 11:38

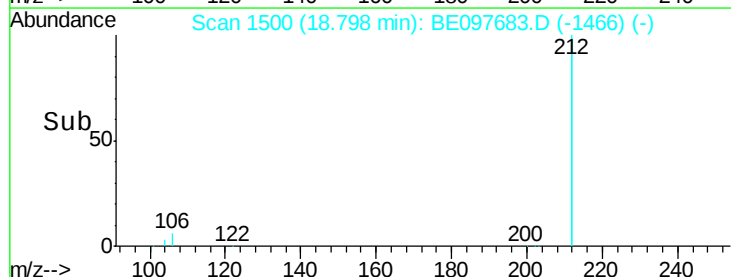
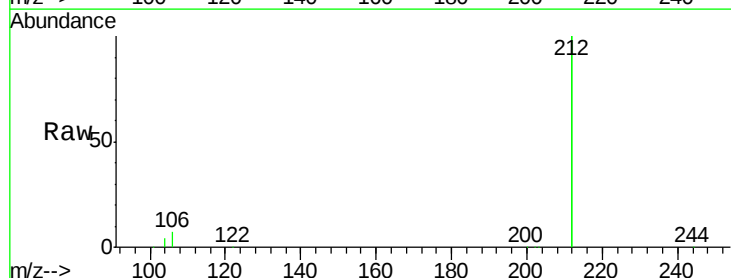
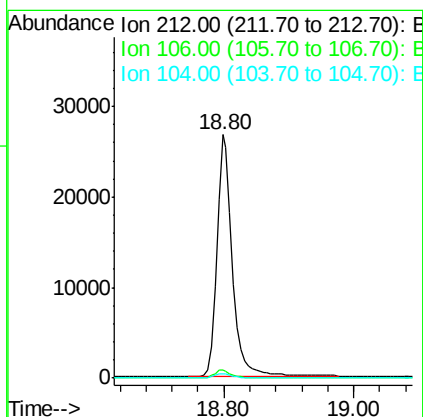
Tgt Ion:212 Resp: 44967

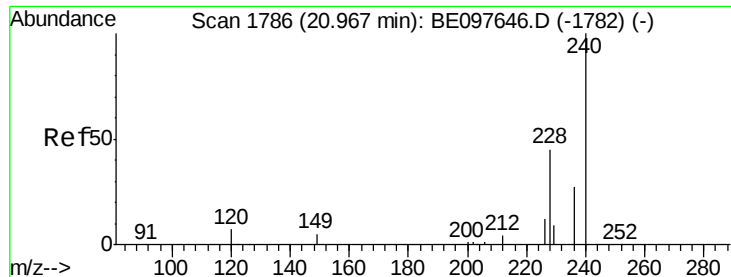
Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

104 1.7 1.6 2.4

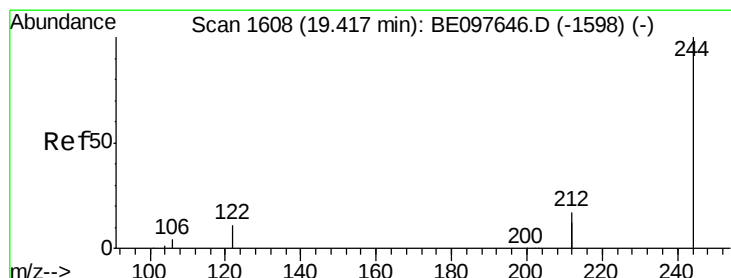
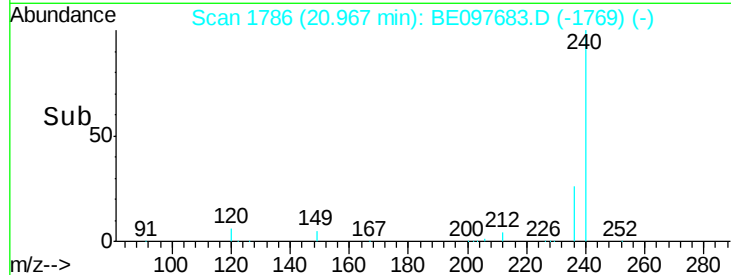
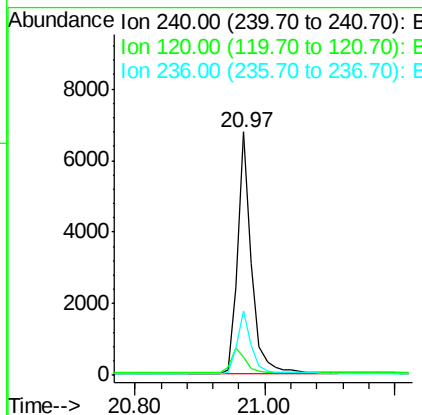
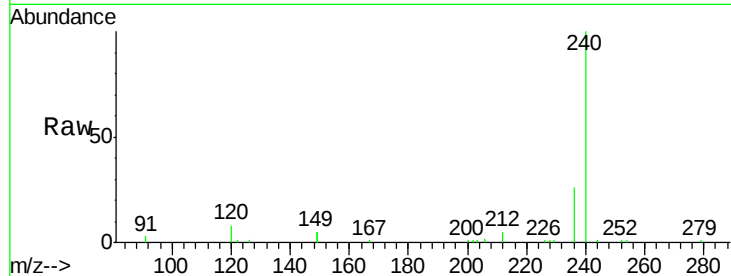




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097683.D
 Acq: 26 Sep 2018 11:38

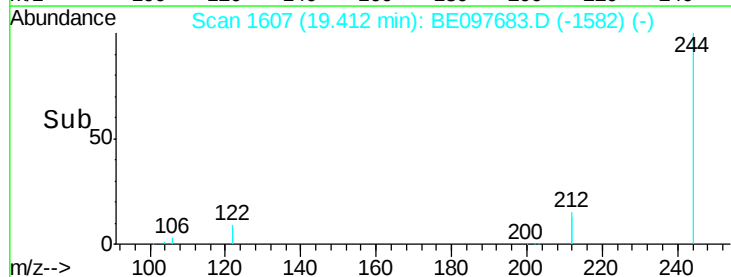
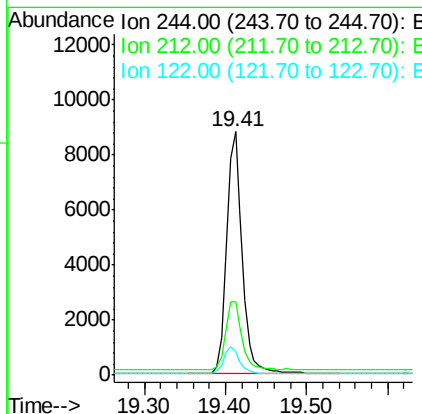
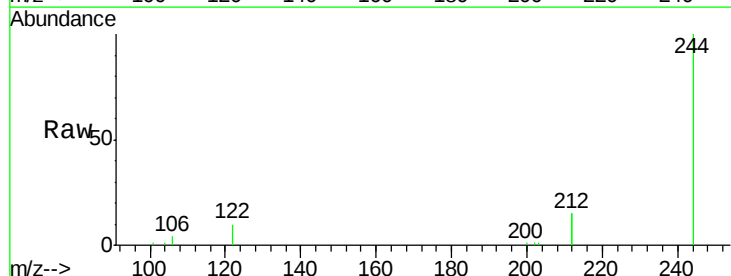
Instrument :
 BNA_E
 ClientSampleId :

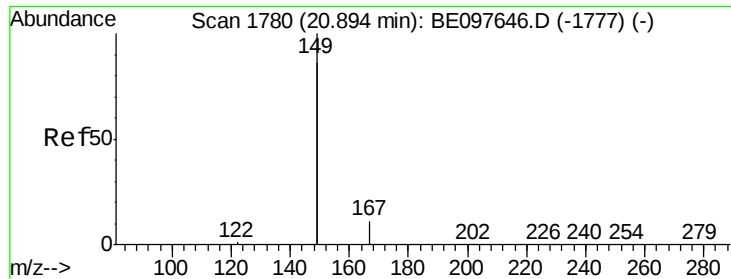
Tot Ion:240 Resp: 10169
 Ion Ratio Lower Upper
 240 100
 120 7.5 5.5 8.3
 236 26.5 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.58 ng
 RT: 19.41 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BE097683.D
 Acq: 26 Sep 2018 11:38

Tgt Ion:244 Resp: 11651
 Ion Ratio Lower Upper
 244 100
 212 29.9 25.4 38.0
 122 9.9 8.1 12.1

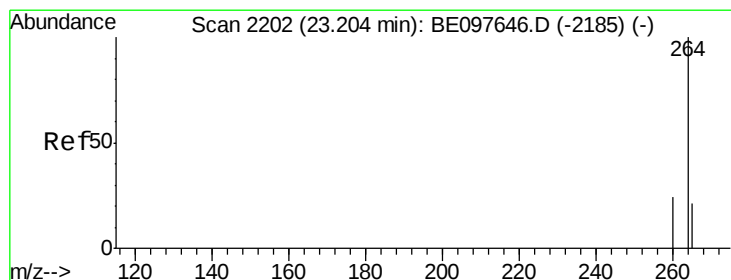
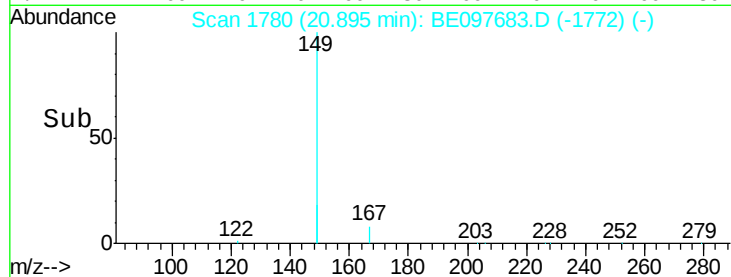
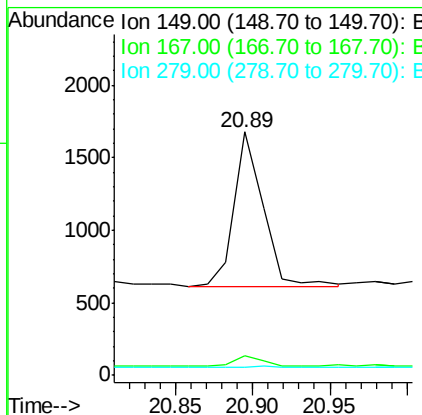
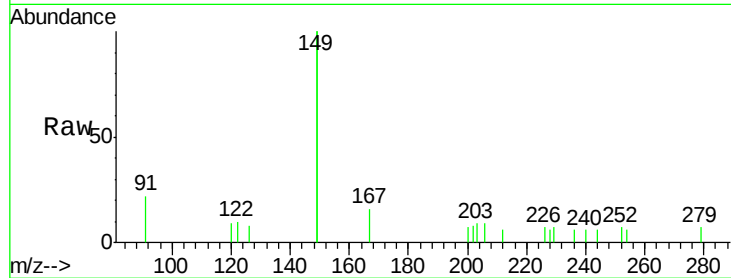




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.05 ng
 RT: 20.89 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BE097683.D
 Acq: 26 Sep 2018 11:38

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1415
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.4 8.0
 279 2.2 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097683.D
 Acq: 26 Sep 2018 11:38

Tgt Ion:264 Resp: 9803
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 26.9 22.8 34.2

