

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
 Data File : BE097686.D
 Acq On : 26 Sep 2018 13:28
 Operator : SJ/JU
 Sample : J5033-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 15:29:38 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

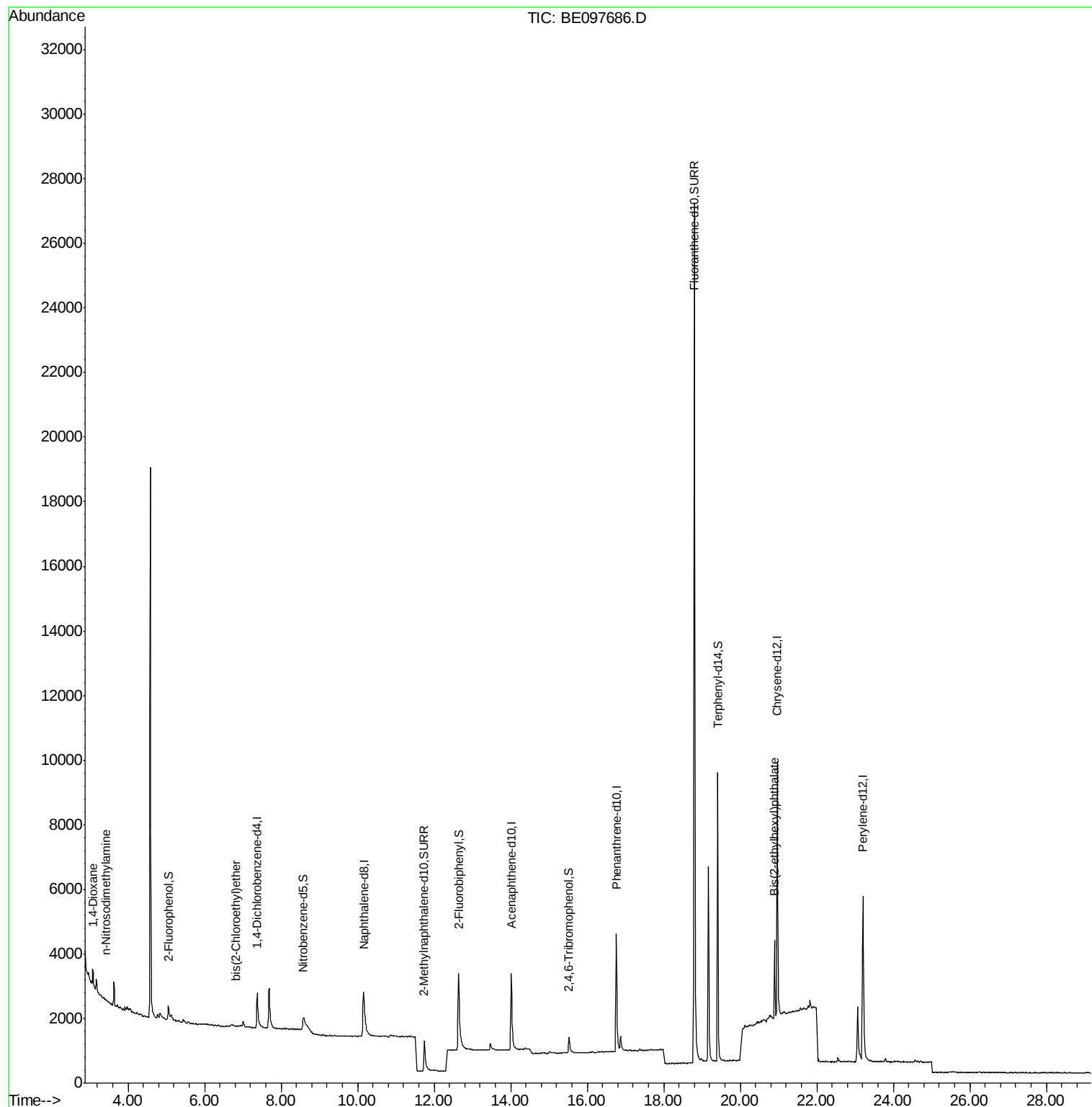
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	748	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3411	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	2184	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6584	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8851	0.40	ng	0.00
34) Perylene-d12	23.20	264	8141	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	444	0.23	ng	0.00
5) Phenol-d6	6.60	99	3	0.00	ng	-0.02
8) Nitrobenzene-d5	8.58	82	867	0.41	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	2449	0.48	ng	0.02
14) 2,4,6-Tribromophenol	15.52	330	439	0.48	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	4246	0.60	ng	0.01
25) Fluoranthene-d10	18.80	212	43482	0.61	ng	0.00
29) Terphenyl-d14	19.41	244	8583	0.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	348	0.26	ng	# 71
3) n-Nitrosodimethylamine	3.42	42	10	0.08	ng	# 1
6) bis(2-Chloroethyl)ether	6.81	93	10	0.07	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.89	149	2863	0.12	ng	# 98

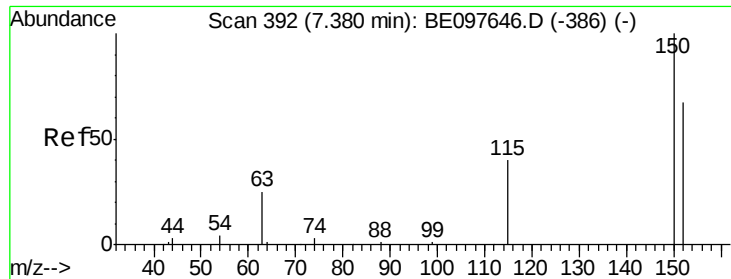
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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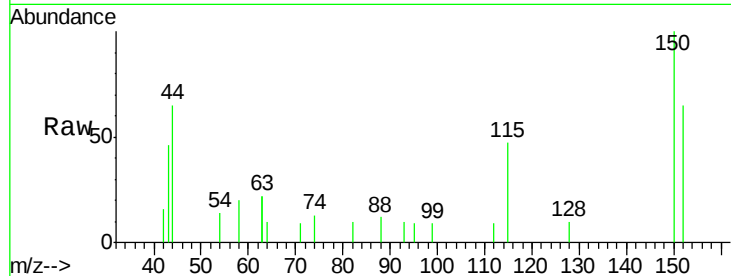


#1

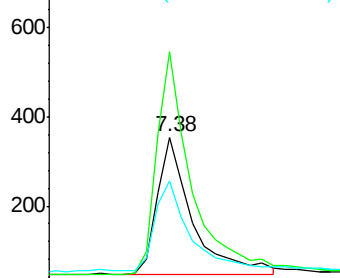
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097686.D
Acq: 26 Sep 2018 13:28

Instrument :
BNA_E
ClientSampleId :

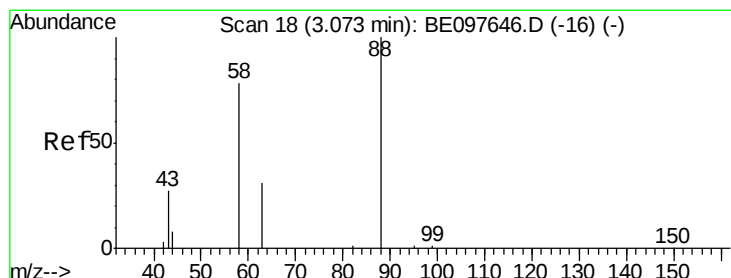
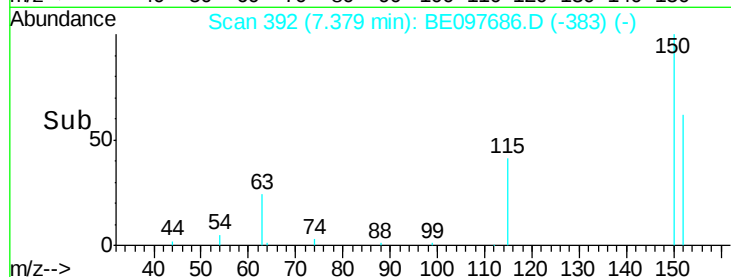
Tot Ion:152 Resp: 748
Ion Ratio Lower Upper
152 100
150 154.1 117.2 175.8
115 72.8 57.0 85.6



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



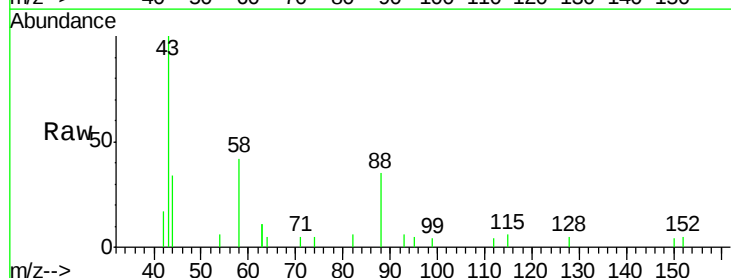
Time-->



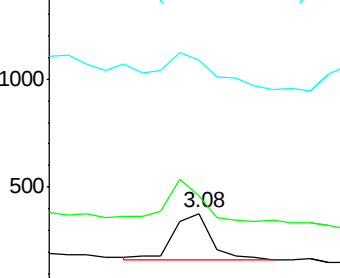
#2

1,4-Dioxane
Concen: 0.26 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097686.D
Acq: 26 Sep 2018 13:28

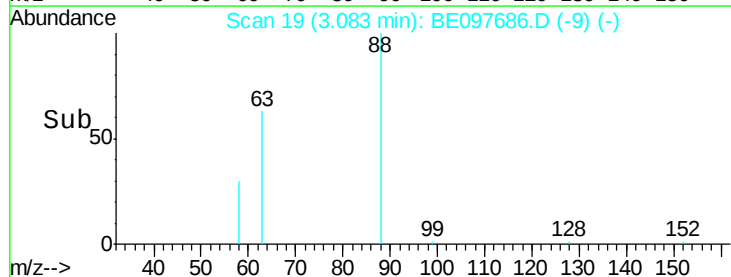
Tgt Ion: 88 Resp: 348
Ion Ratio Lower Upper
88 100
58 79.0 63.2 94.8
43 102.9 41.2 61.8#

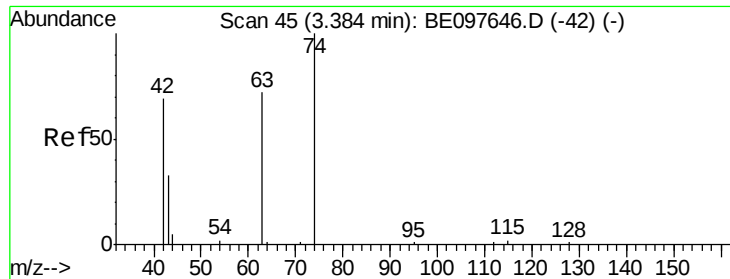


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 3.42 min Scan# 48

Delta R.T. 0.03 min

Lab File: BE097686.D

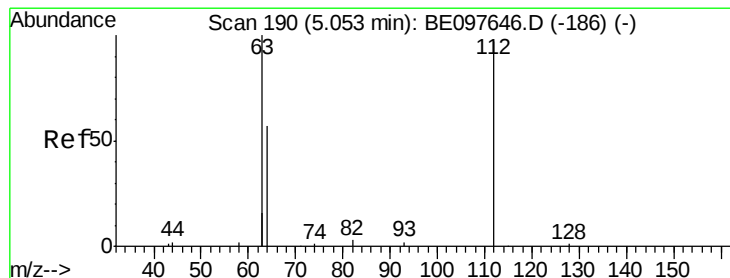
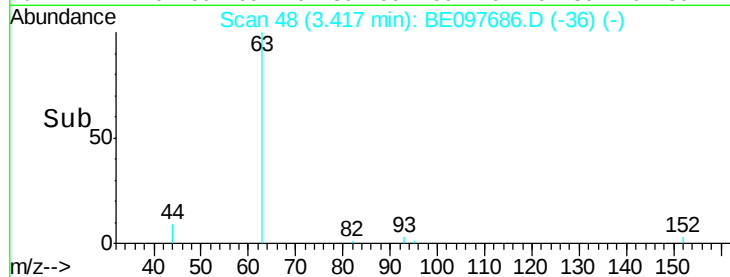
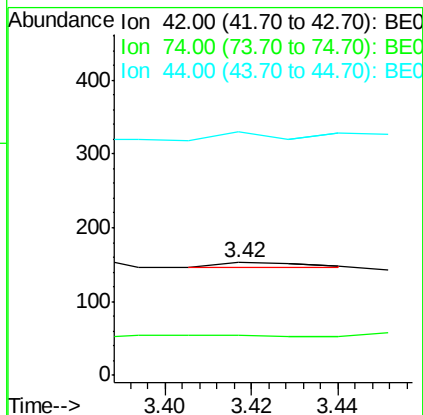
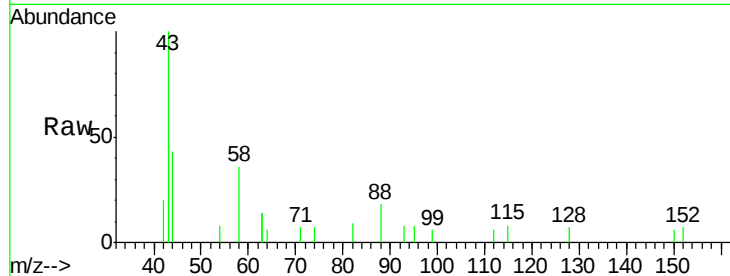
Acq: 26 Sep 2018 13:28

Instrument :

BNA_E

ClientSampled :

Tot Ion:	42	Resp:	10
Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	90.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.23 ng

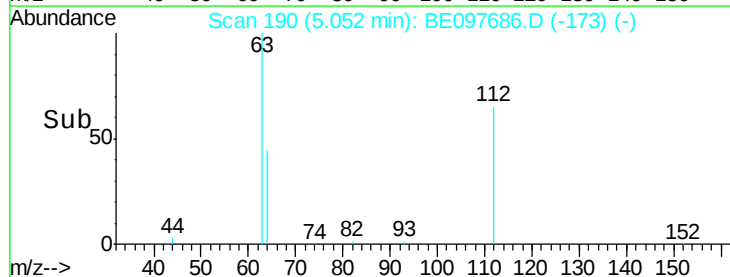
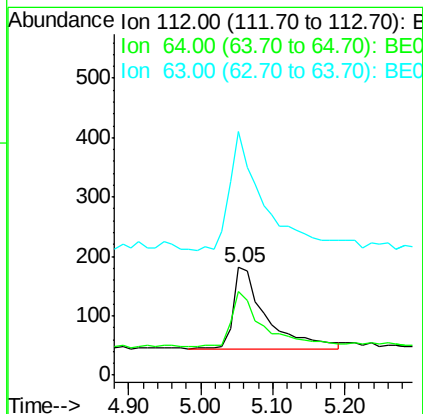
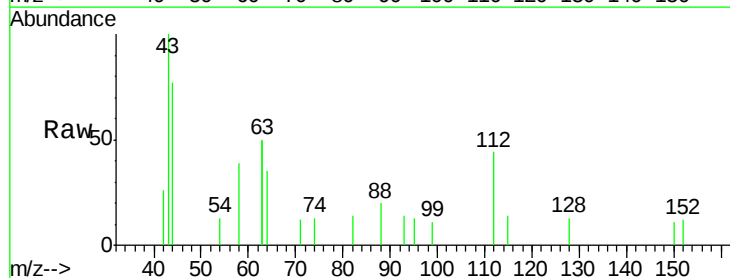
RT: 5.05 min Scan# 190

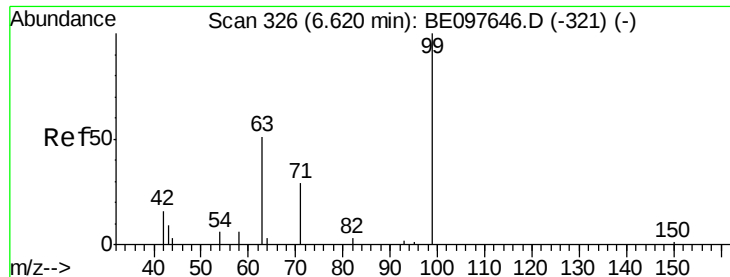
Delta R.T. -0.00 min

Lab File: BE097686.D

Acq: 26 Sep 2018 13:28

Tgt Ion:	112	Resp:	444
Ion	Ratio	Lower	Upper
112	100		
64	61.7	60.1	90.1
63	146.8	116.8	175.2





#5

Phenol-d6

Concen: 0.00 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.02 min

Lab File: BE097686.D

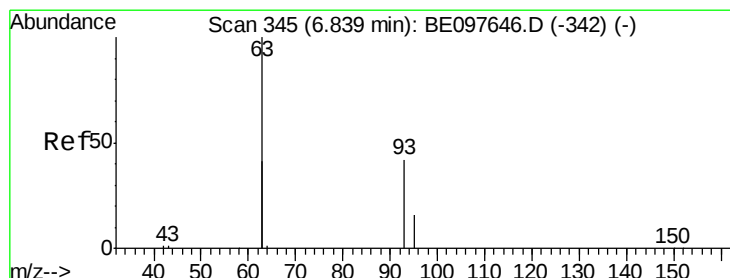
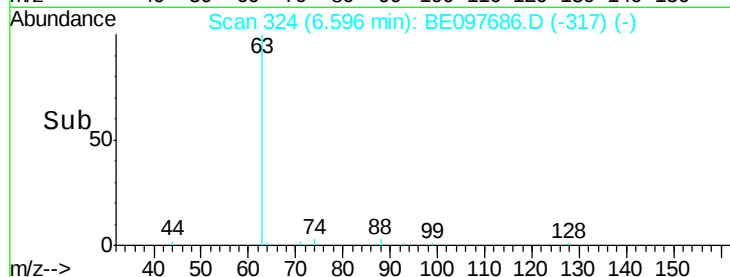
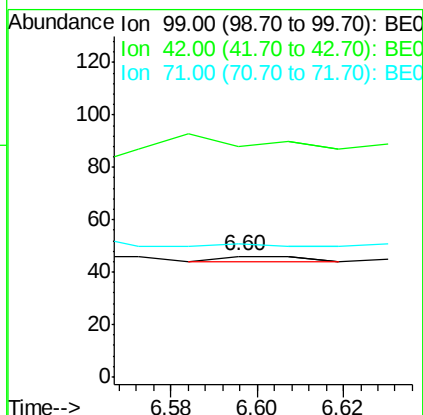
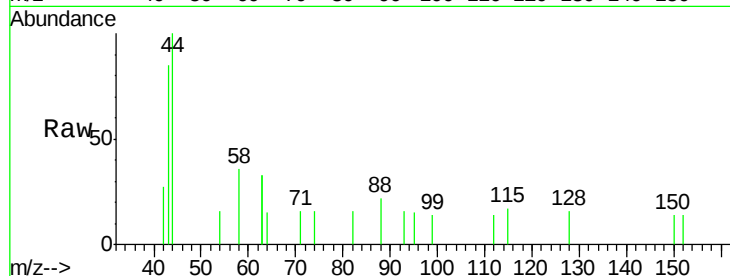
Acq: 26 Sep 2018 13:28

Instrument :

BNA_E

ClientSampled :

Tot Ion:	99	Resp:	3
Ion	Ratio	Lower	Upper
99	100		
42	766.7	20.2	30.2#
71	33.3	28.4	42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.07 ng

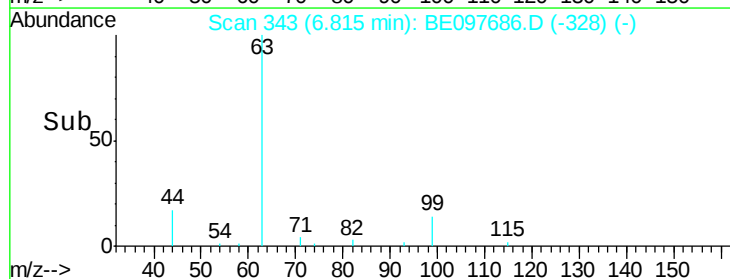
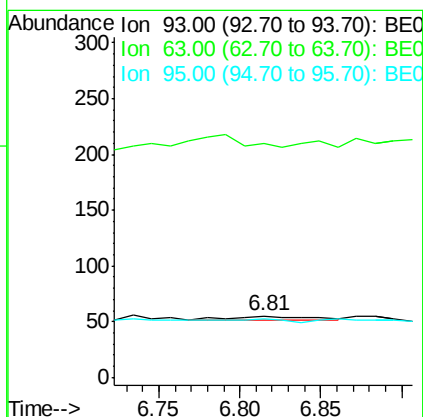
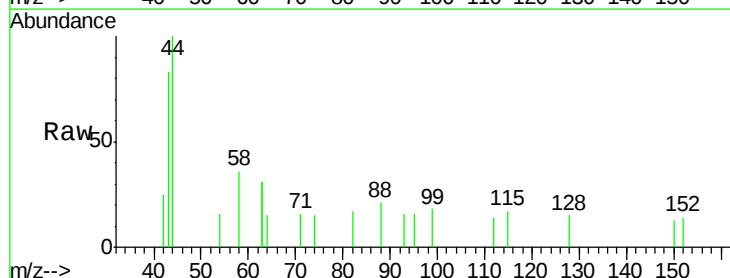
RT: 6.81 min Scan# 343

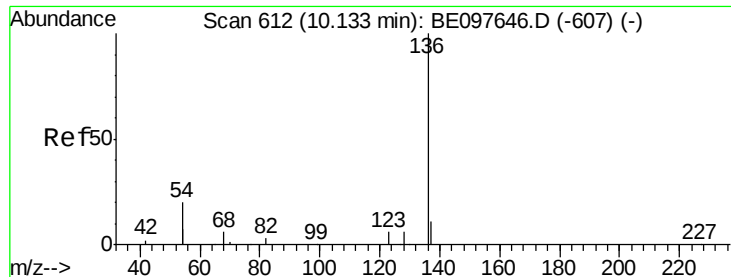
Delta R.T. -0.02 min

Lab File: BE097686.D

Acq: 26 Sep 2018 13:28

Tgt Ion:	93	Resp:	10
Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	80.0	25.2	37.8#





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE097686.D

Acq: 26 Sep 2018 13:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3411

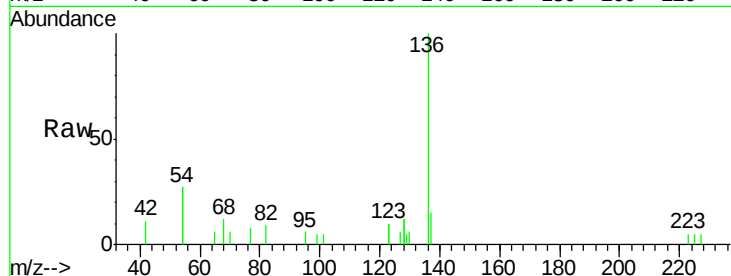
Ion Ratio Lower Upper

136 100

137 15.5 9.5 14.3#

54 53.4 29.1 43.7#

68 12.0 6.2 9.2#

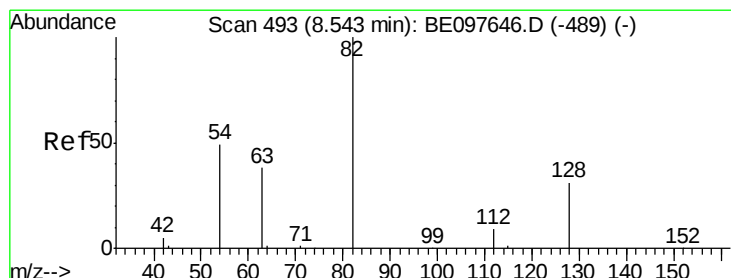
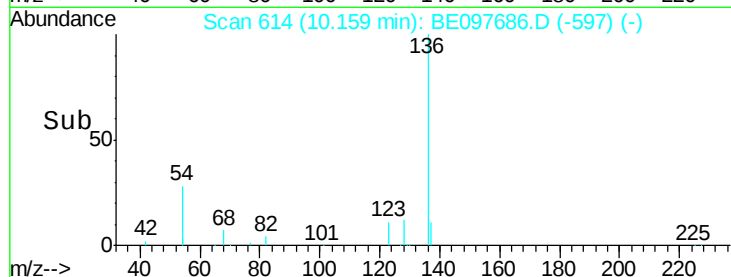
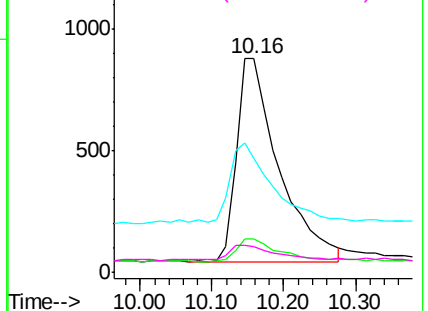


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.41 ng

RT: 8.58 min Scan# 496

Delta R.T. 0.03 min

Lab File: BE097686.D

Acq: 26 Sep 2018 13:28

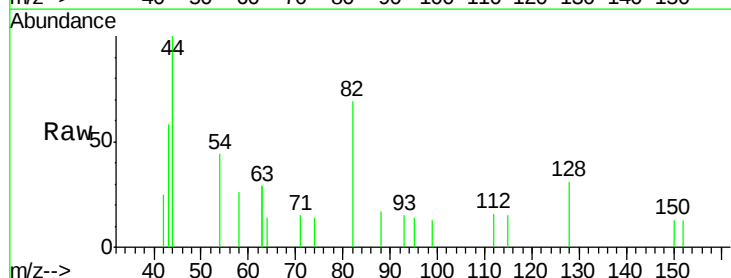
Tgt Ion: 82 Resp: 867

Ion Ratio Lower Upper

82 100

128 44.8 24.0 36.0#

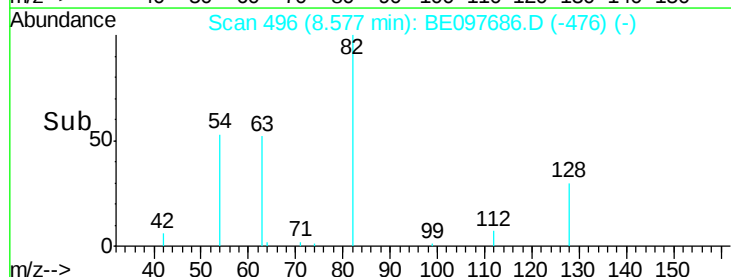
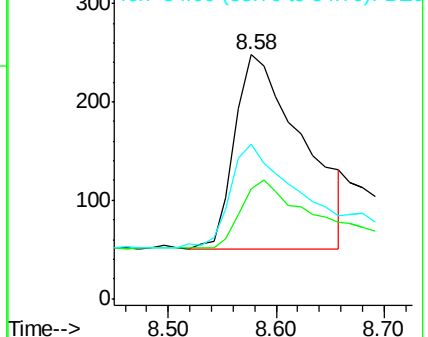
54 63.3 40.0 60.0#

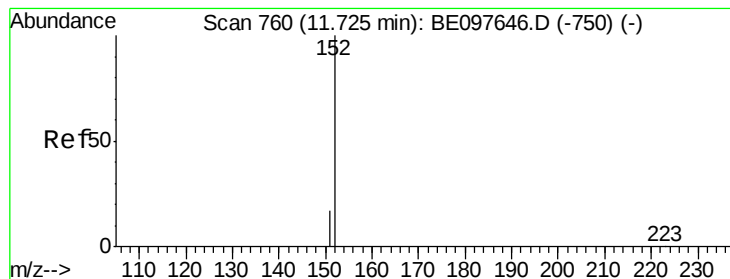


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 11.74 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE097686.D

Acq: 26 Sep 2018 13:28

Instrument :

BNA_E

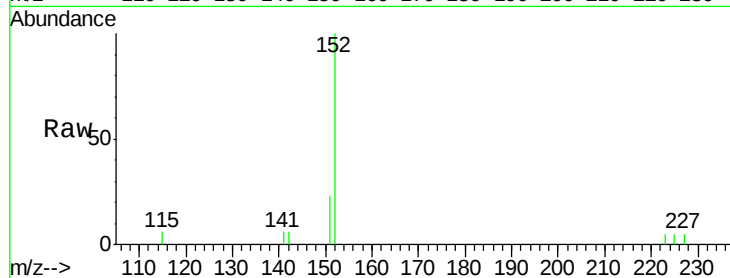
ClientSampled :

Tot Ion:152 Resp: 2449

Ion Ratio Lower Upper

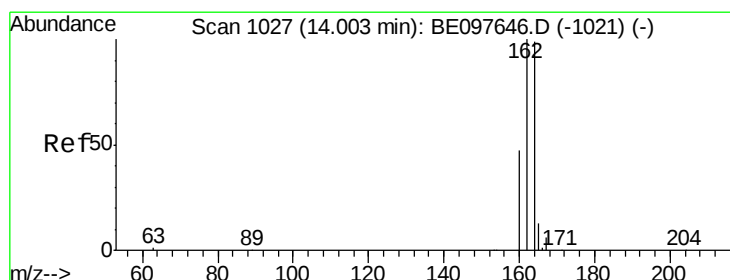
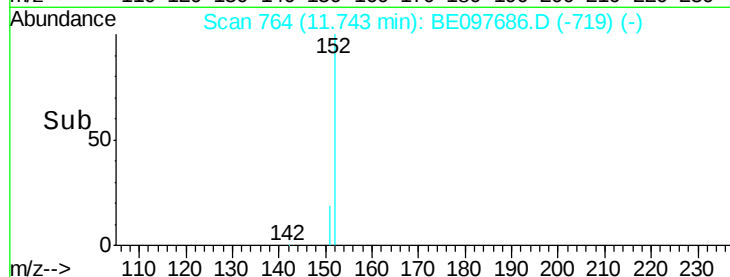
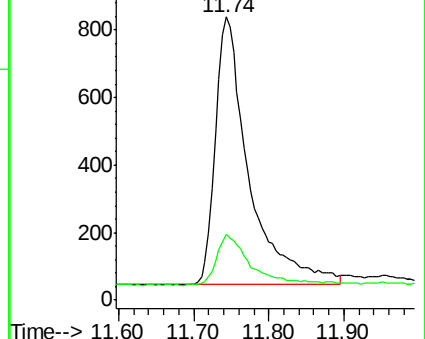
152 100

151 19.4 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: 0.40 ng

RT: 14.01 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE097686.D

Acq: 26 Sep 2018 13:28

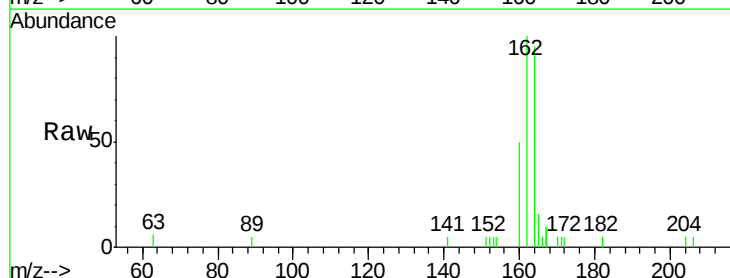
Tgt Ion:164 Resp: 2184

Ion Ratio Lower Upper

164 100

162 104.8 83.1 124.7

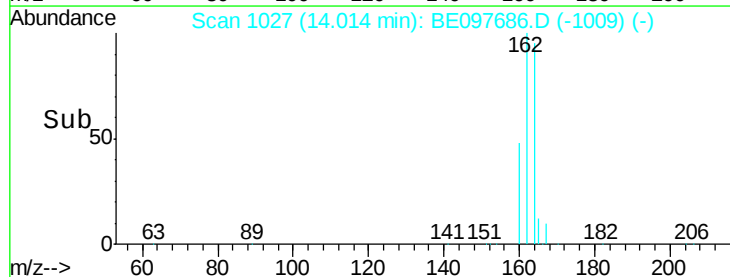
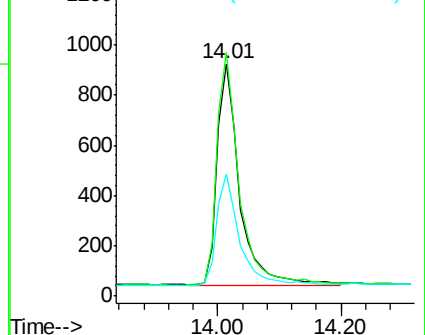
160 52.8 37.1 55.7

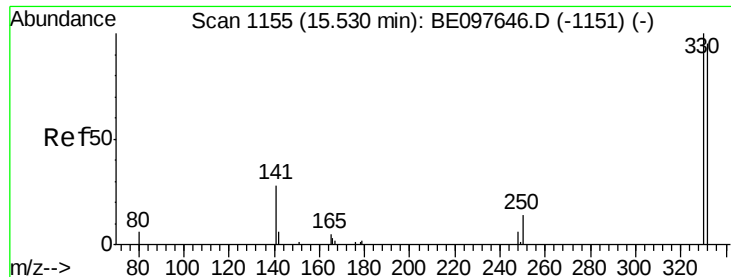


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

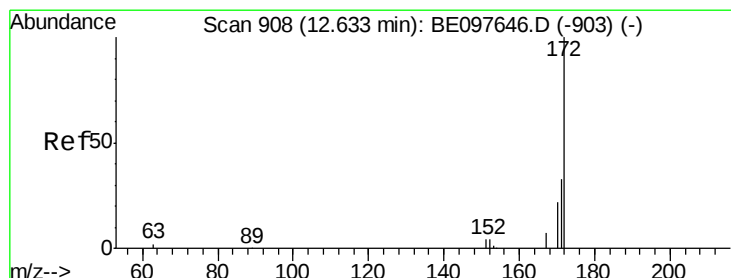
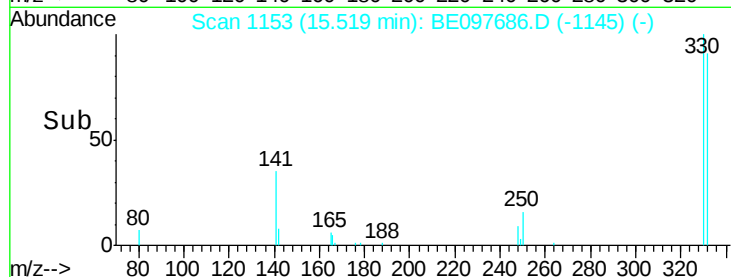
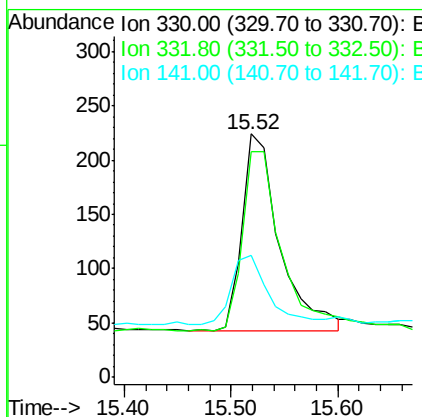
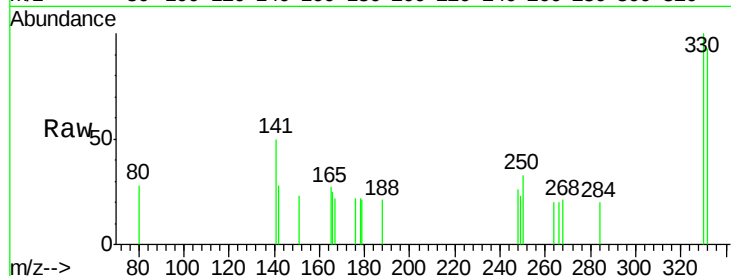




#14
 2,4,6-Tribromophenol
 Concen: 0.48 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BE097686.D
 Acq: 26 Sep 2018 13:28

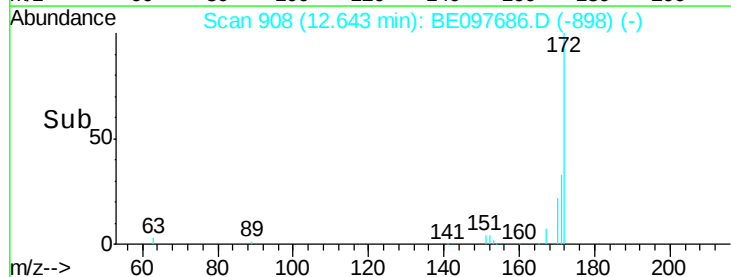
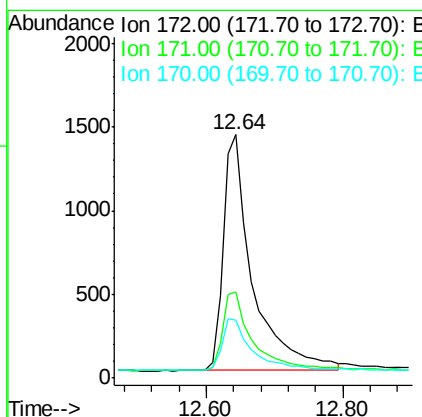
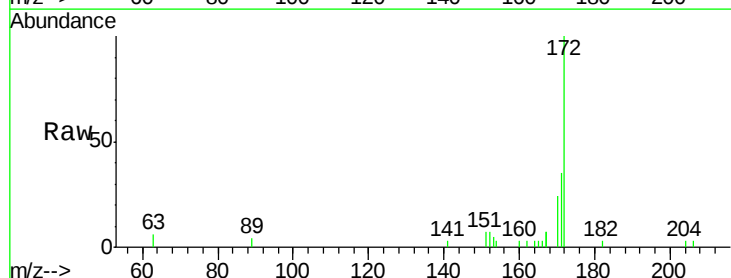
Instrument :
 BNA_E
 ClientSampleId :

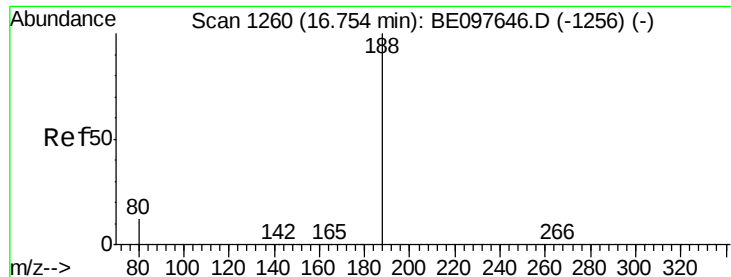
Tot Ion:330 Resp: 439
 Ion Ratio Lower Upper
 330 100
 332 95.0 152.7 229.1#
 141 34.4 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.60 ng
 RT: 12.64 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BE097686.D
 Acq: 26 Sep 2018 13:28

Tgt Ion:172 Resp: 4246
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.9 44.9
 170 24.1 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097686.D

Acq: 26 Sep 2018 13:28

Instrument :

BNA_E

ClientSampleId :

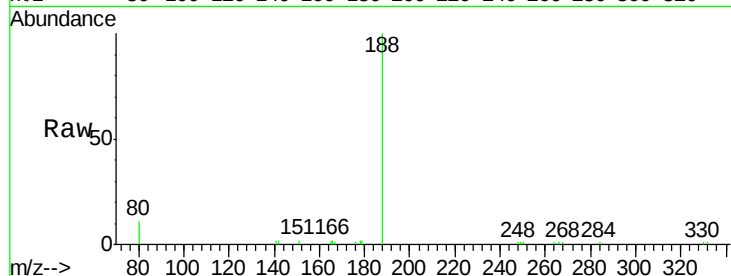
Tot Ion:188 Resp: 6584

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

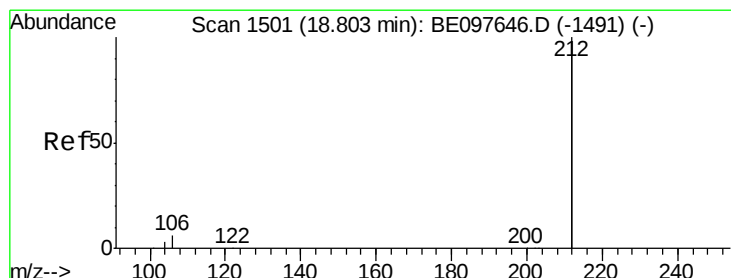
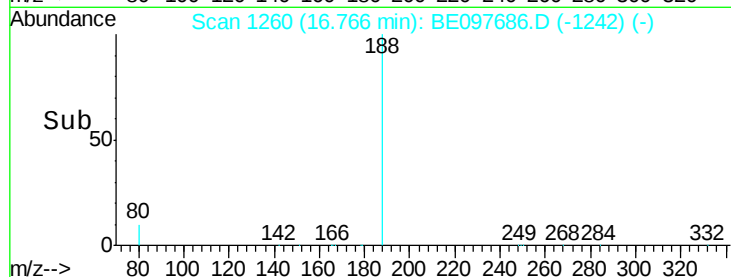
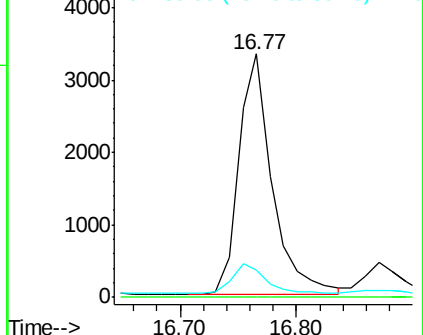
80 11.0 3.6 5.4#



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



#25

Fluoranthene-d10

Concen: 0.61 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097686.D

Acq: 26 Sep 2018 13:28

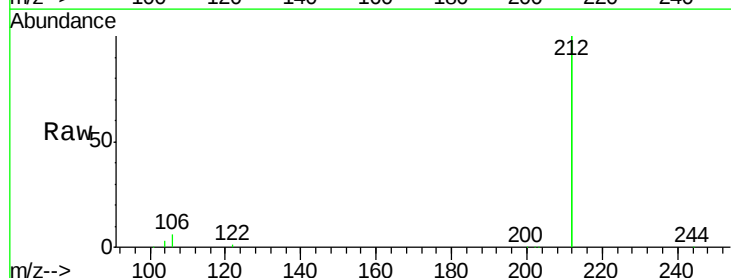
Tgt Ion:212 Resp: 43482

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

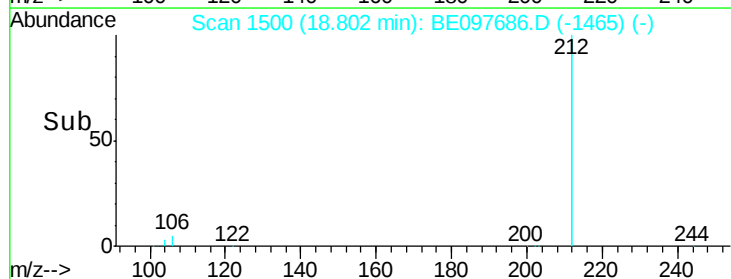
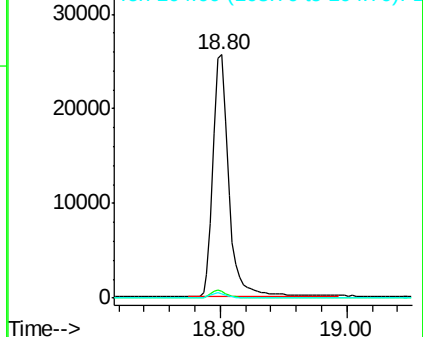
104 1.8 1.6 2.4

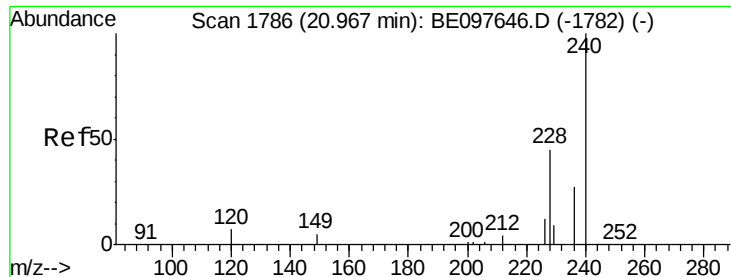


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

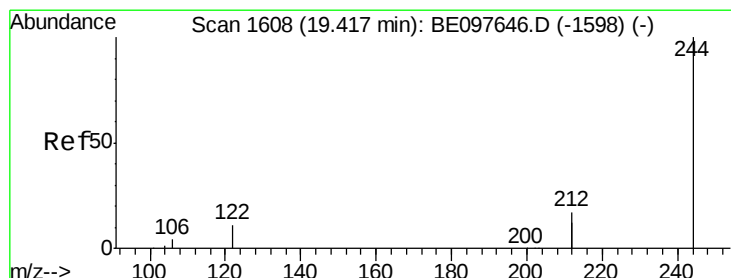
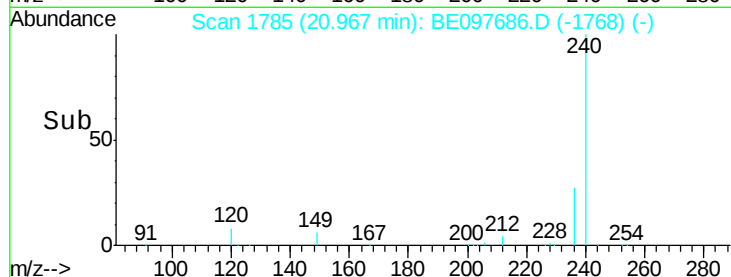
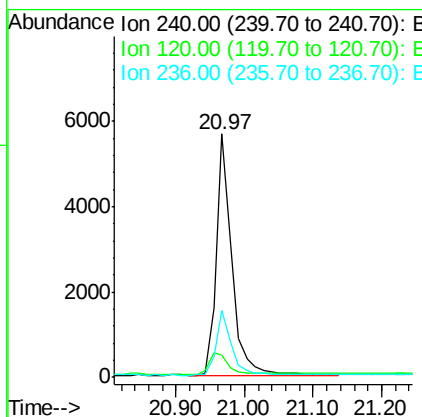
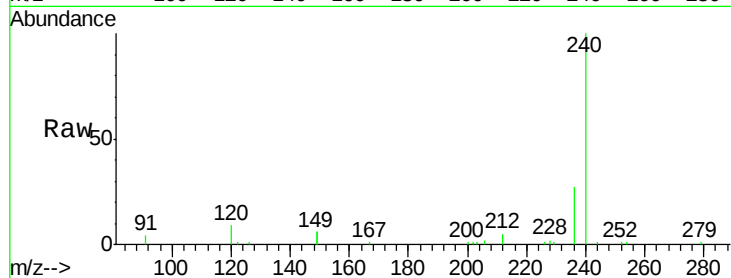




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE097686.D
 Acq: 26 Sep 2018 13:28

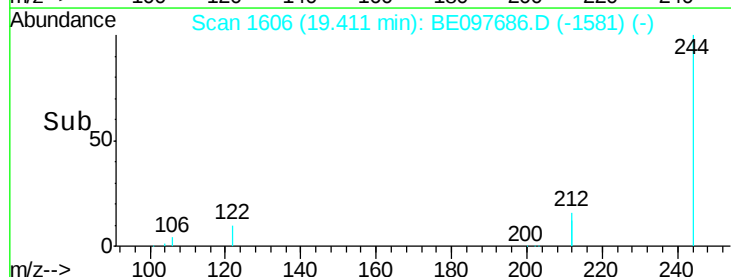
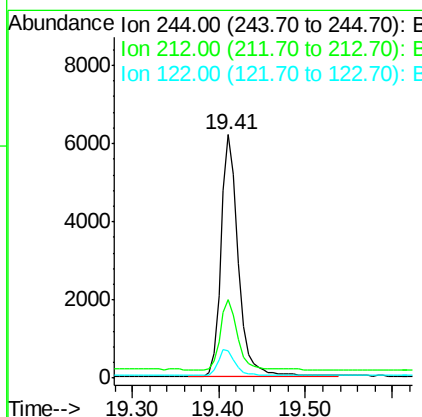
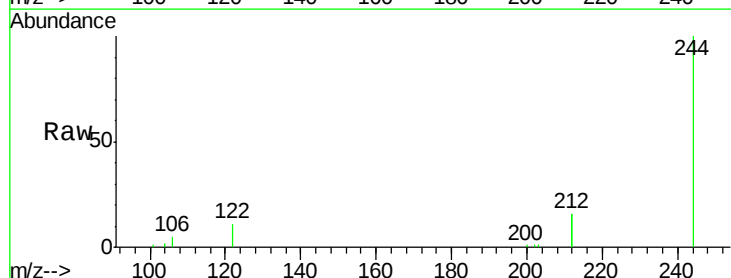
Instrument :
 BNA_E
 ClientSampleId :

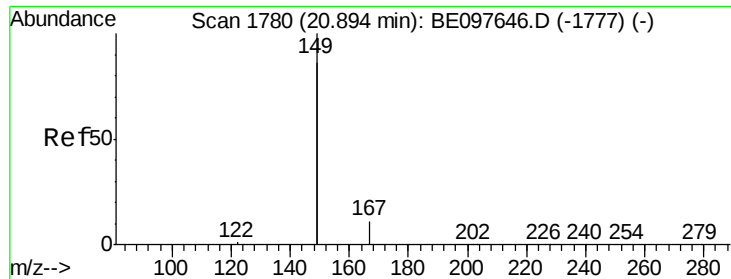
Tot Ion:240 Resp: 8851
 Ion Ratio Lower Upper
 240 100
 120 9.4 5.5 8.3#
 236 27.3 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.49 ng
 RT: 19.41 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BE097686.D
 Acq: 26 Sep 2018 13:28

Tgt Ion:244 Resp: 8583
 Ion Ratio Lower Upper
 244 100
 212 32.4 25.4 38.0
 122 11.4 8.1 12.1

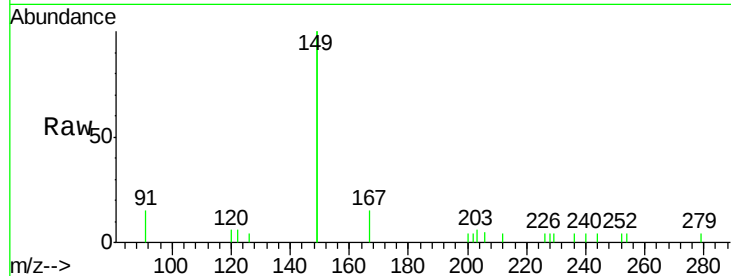




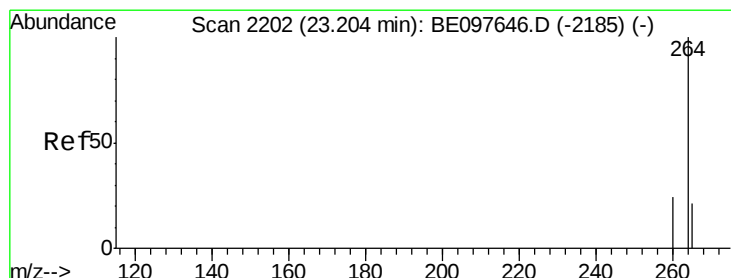
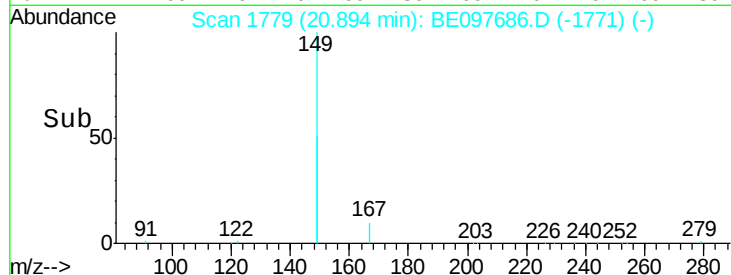
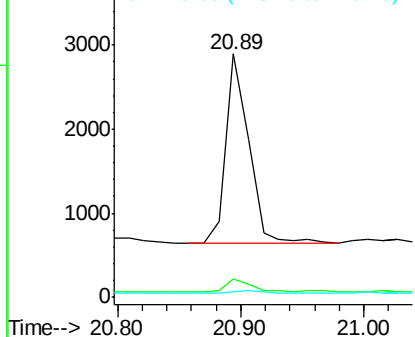
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.12 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BE097686.D
 Acq: 26 Sep 2018 13:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 2863
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.4 8.0
 279 1.5 0.7 1.1#

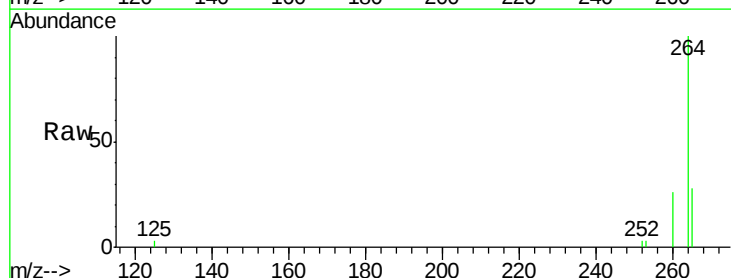


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.20 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BE097686.D
 Acq: 26 Sep 2018 13:28

Tgt Ion:264 Resp: 8141
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.5 30.7
 265 28.0 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

