

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097625.D
 Acq On : 21 Sep 2018 23:27
 Operator : SJ/JU
 Sample : PB112996BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 04:10:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

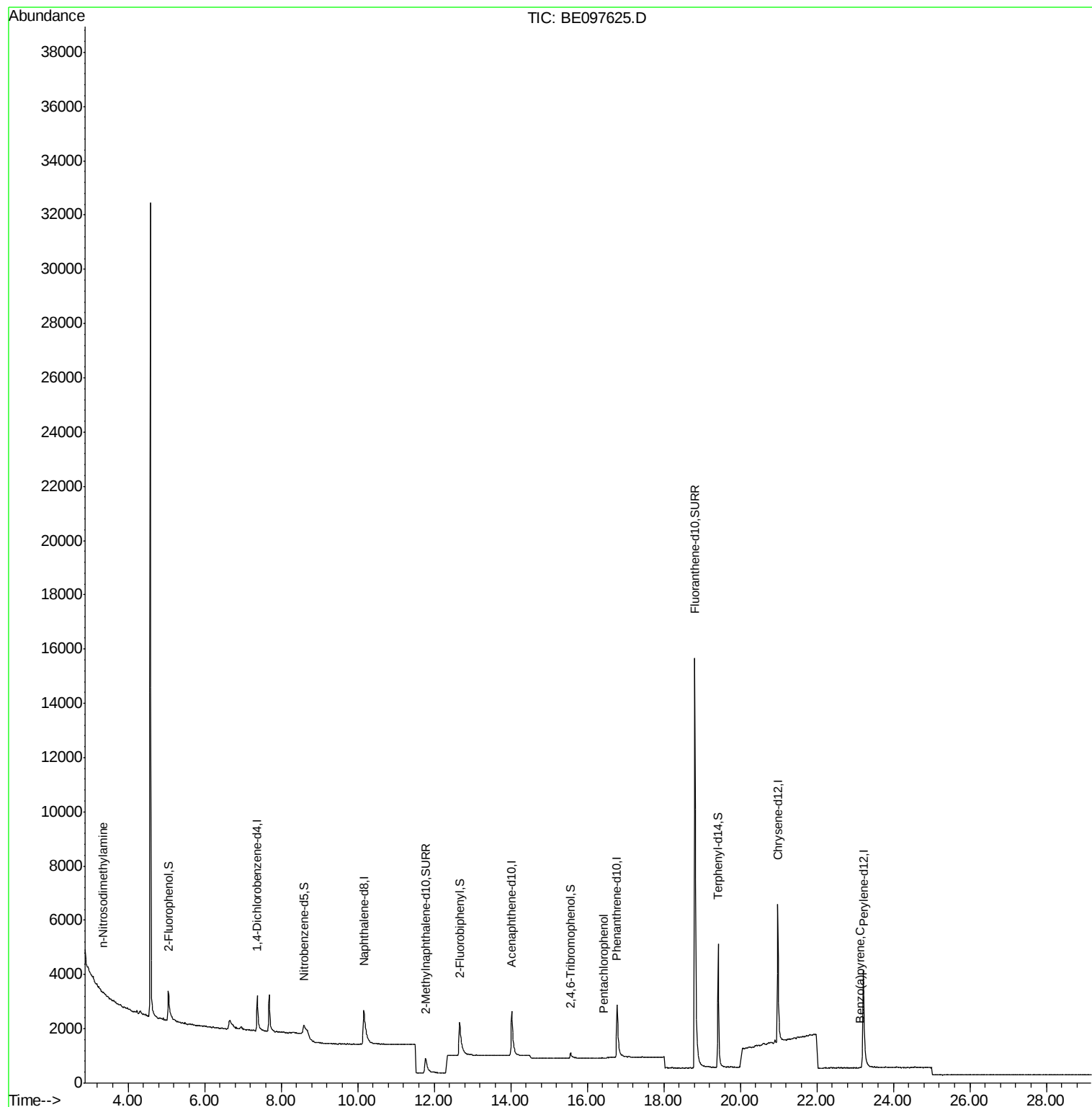
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	872	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3617	0.40	ng	0.03
13) Acenaphthene-d10	14.03	164	1934	0.40	ng	0.02
19) Phenanthrene-d10	16.78	188	5413	0.40	ng	0.02
27) Chrysene-d12	20.98	240	7308	0.40	ng	0.01
34) Perylene-d12	23.22	264	7054	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1101	0.42	ng	0.01
5) Phenol-d6	0.00	99	0	0.00	ng	
8) Nitrobenzene-d5	8.59	82	654	0.23	ng	0.06
11) 2-Methylnaphthalene-d10	11.78	152	2124	0.43	ng	0.06
14) 2,4,6-Tribromophenol	15.56	330	193	0.30	ng	0.05
15) 2-Fluorobiphenyl	12.67	172	2954	0.43	ng	0.05
25) Fluoranthene-d10	18.82	212	31311	0.45	ng	0.01
29) Terphenyl-d14	19.42	244	5582	0.42	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.35	42	41	0.048	ng	Qvalue # 4
22) Pentachlorophenol	16.43	266	2	0.131	ng	94
37) Benzo(a)pyrene	23.13	252	7	0.021	ng	# 1

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

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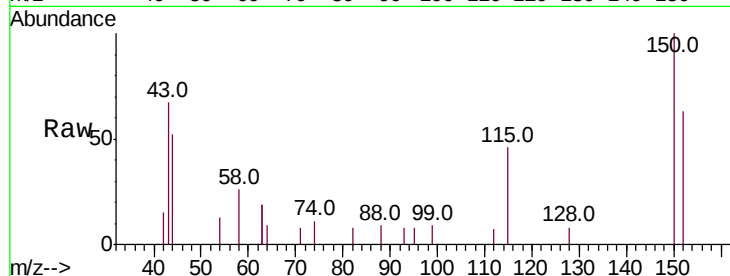


#1

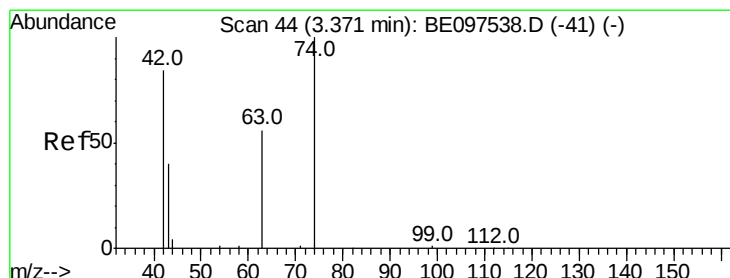
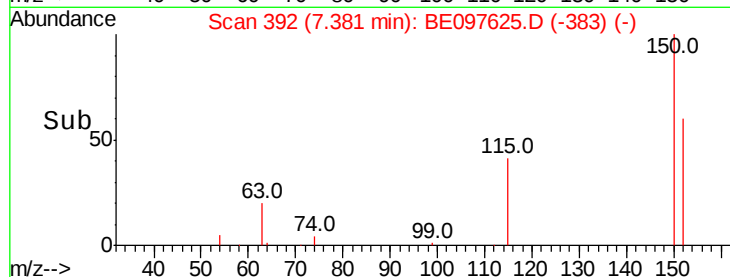
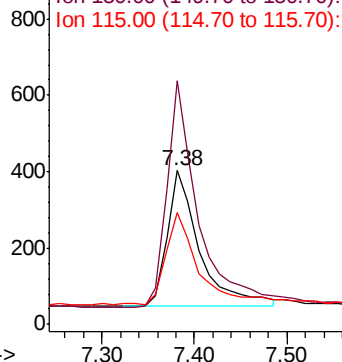
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097625.D
Acq: 21 Sep 2018 23:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 872
Ion Ratio Lower Upper
152 100
150 158.7 117.2 175.8
115 72.9 57.0 85.6



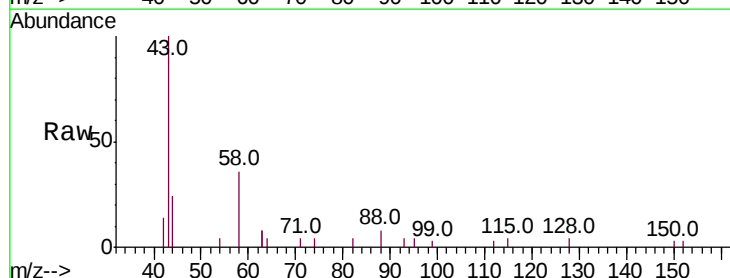
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



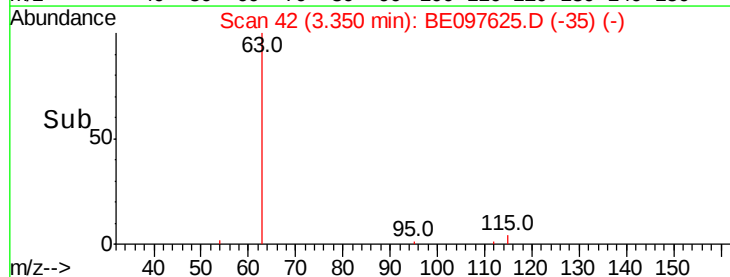
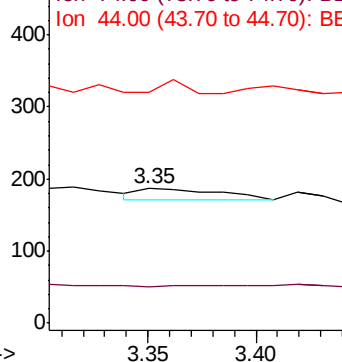
#3

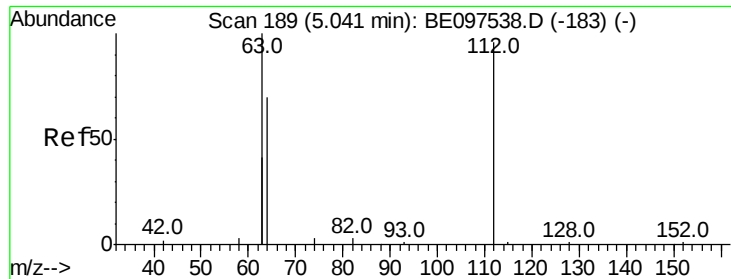
n-Nitrosodimethylamine
Concen: 0.048 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.02 min
Lab File: BE097625.D
Acq: 21 Sep 2018 23:27

Tgt Ion: 42 Resp: 41
Ion Ratio Lower Upper
42 100
74 7.3 96.0 144.0#
44 36.6 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: 0.421 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097625.D

Acq: 21 Sep 2018 23:27

Instrument :

BNA_E

ClientSampled :

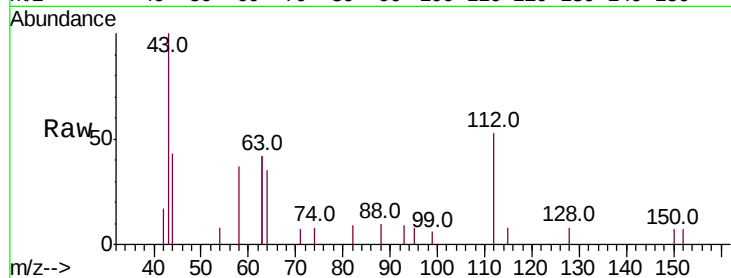
Tot Ion:112 Resp: 1101

Ion Ratio Lower Upper

112 100

64 66.2 60.1 90.1

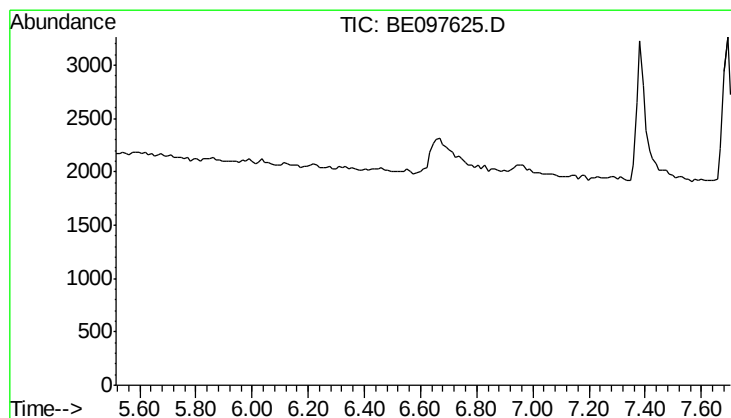
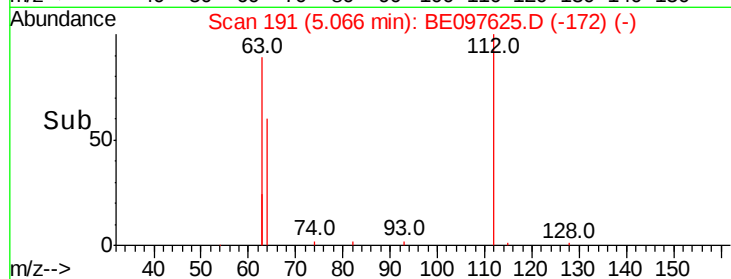
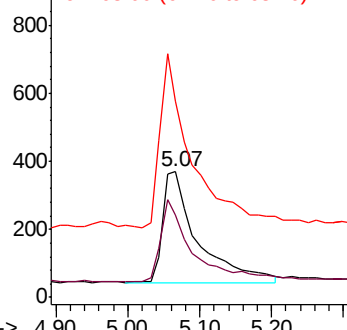
63 141.2 116.8 175.2



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: 0.000 ng

Expected RT: 6.61 min

Lab File: BE097625.D

Acq: 21 Sep 2018 23:27

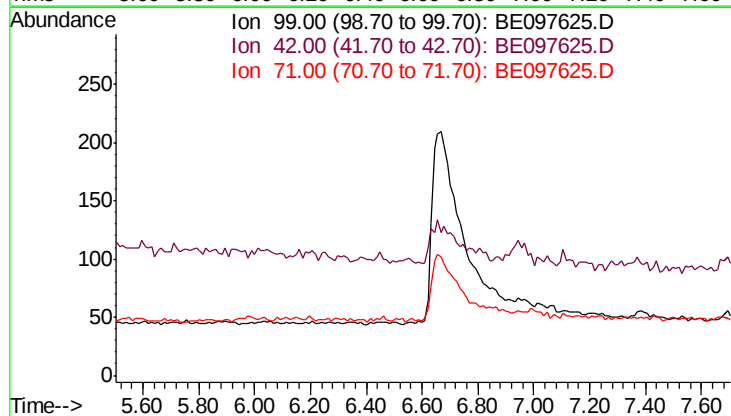
Tgt Ion: 99

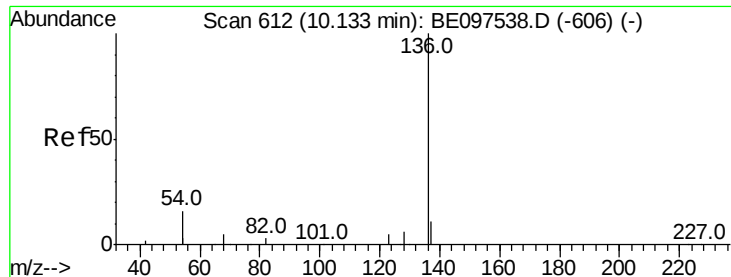
Sig Exp Ratio

99 100

42 25.2

71 35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE097625.D

Acq: 21 Sep 2018 23:27

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3617

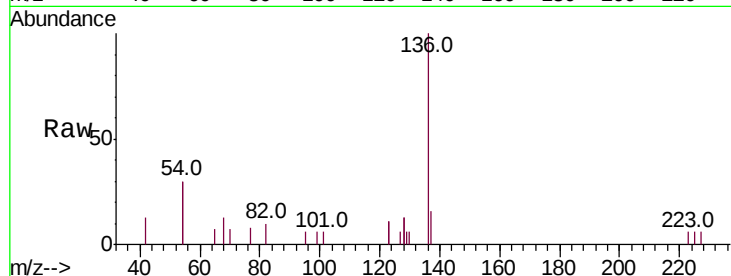
Ion Ratio Lower Upper

136 100

137 15.8 9.5 14.3#

54 60.1 29.1 43.7#

68 12.7 6.2 9.2#



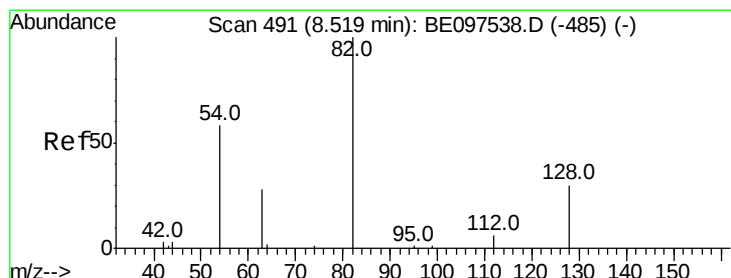
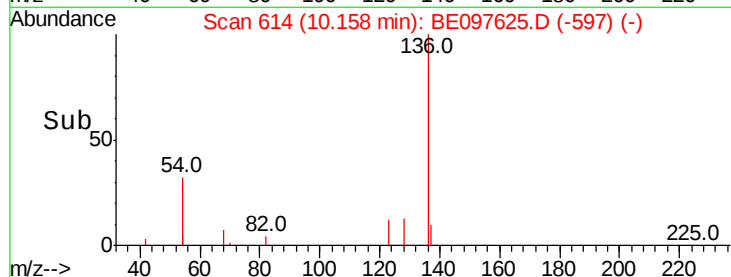
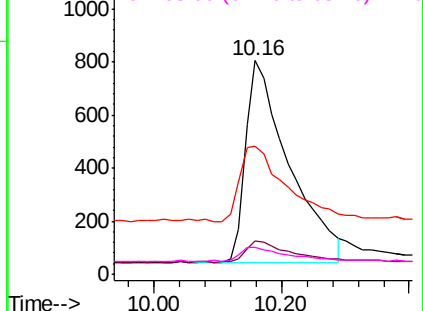
Abundance

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: 0.234 ng

RT: 8.59 min Scan# 497

Delta R.T. 0.06 min

Lab File: BE097625.D

Acq: 21 Sep 2018 23:27

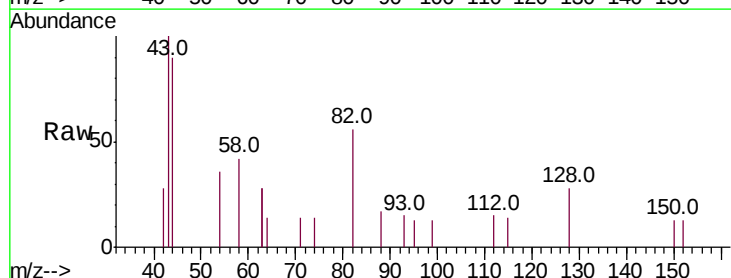
Tgt Ion: 82 Resp: 654

Ion Ratio Lower Upper

82 100

128 49.8 24.0 36.0#

54 64.0 40.0 60.0#

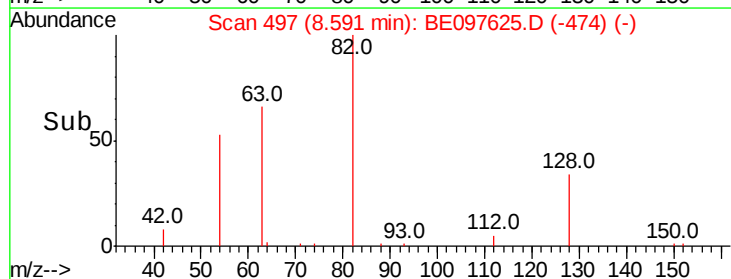
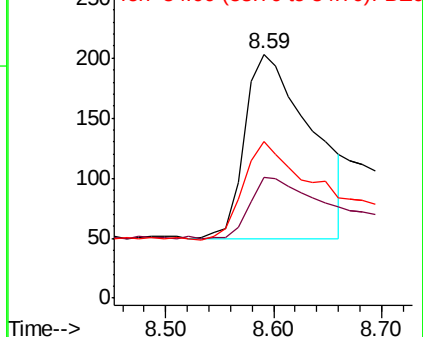


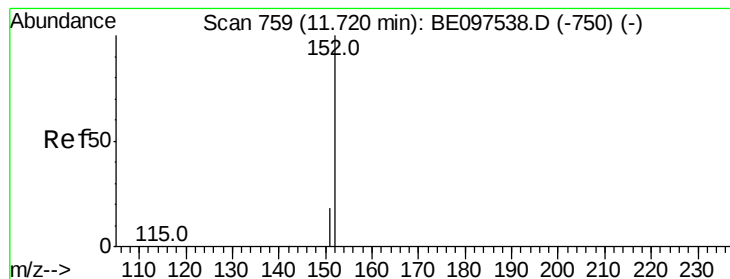
Abundance

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

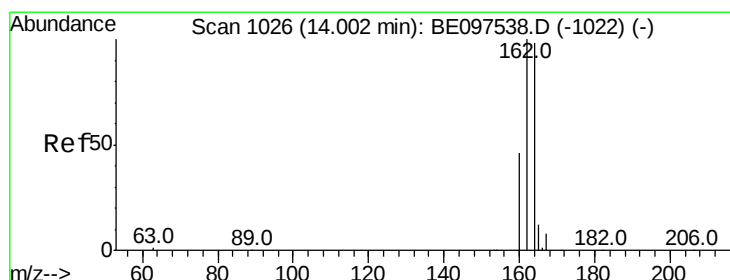
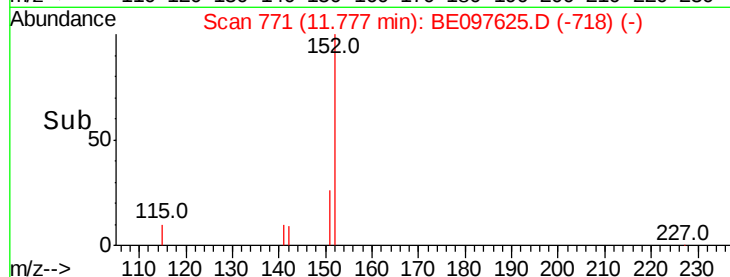
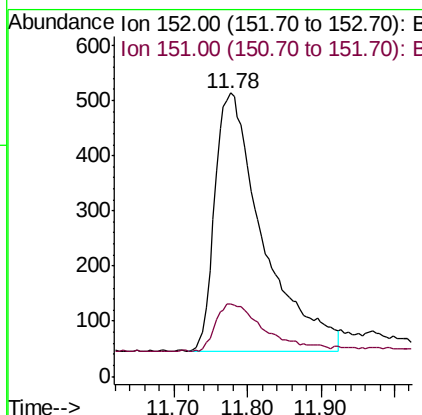
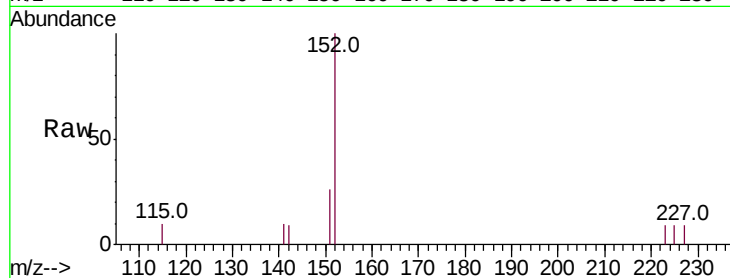




#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 11.78 min Scan# 771
Delta R.T. 0.06 min
Lab File: BE097625.D
Acq: 21 Sep 2018 23:27

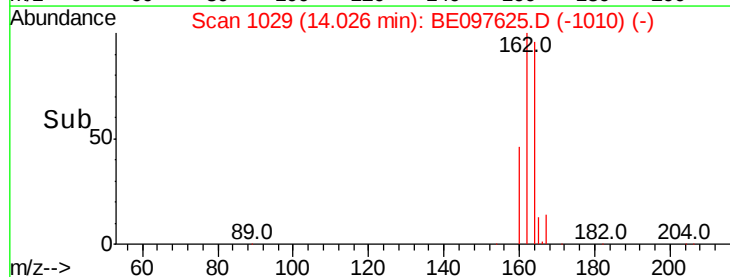
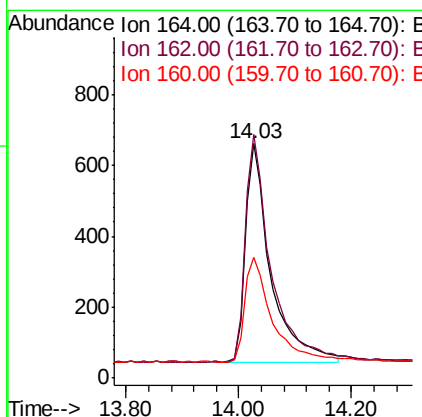
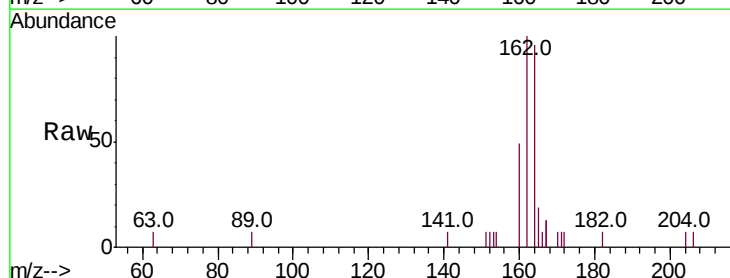
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2124
Ion Ratio Lower Upper
152 100
151 18.6 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.02 min
Lab File: BE097625.D
Acq: 21 Sep 2018 23:27

Tgt Ion:164 Resp: 1934
Ion Ratio Lower Upper
164 100
162 103.8 83.1 124.7
160 51.2 37.1 55.7

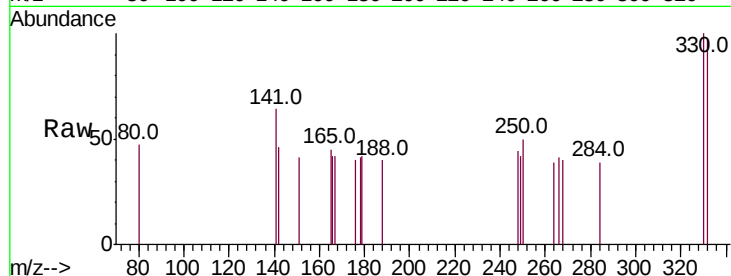




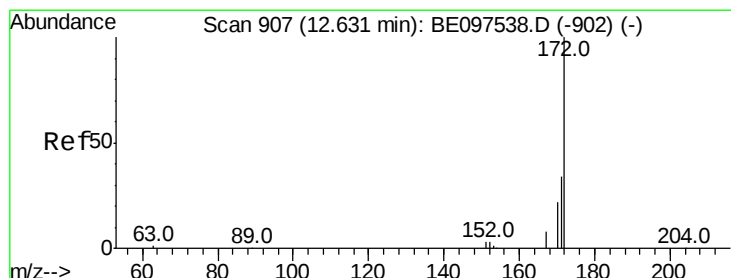
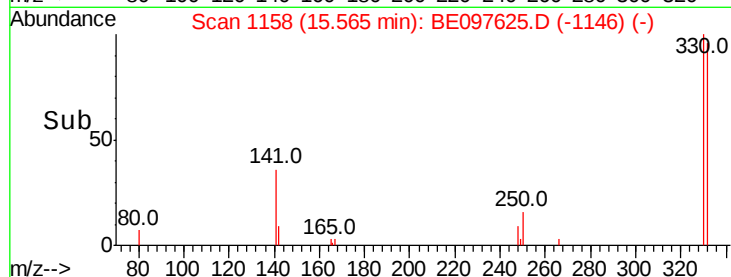
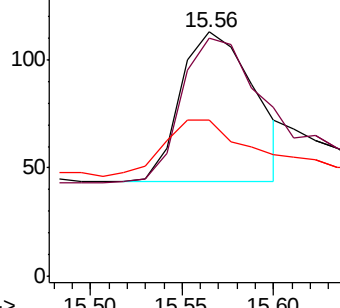
#14
 2,4,6-Tribromophenol
 Concen: 0.301 ng
 RT: 15.56 min Scan# 1158
 Delta R.T. 0.05 min
 Lab File: BE097625.D
 Acq: 21 Sep 2018 23:27

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 193
 Ion Ratio Lower Upper
 330 100
 332 101.0 152.7 229.1#
 141 42.0 33.7 50.5

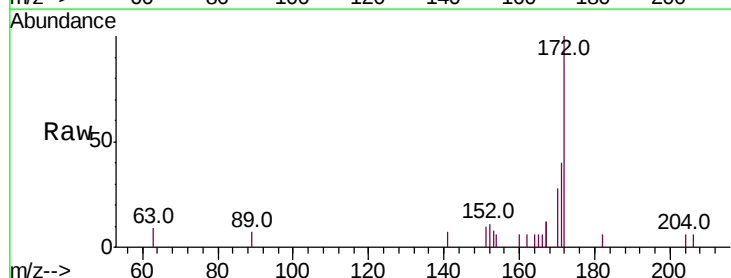


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

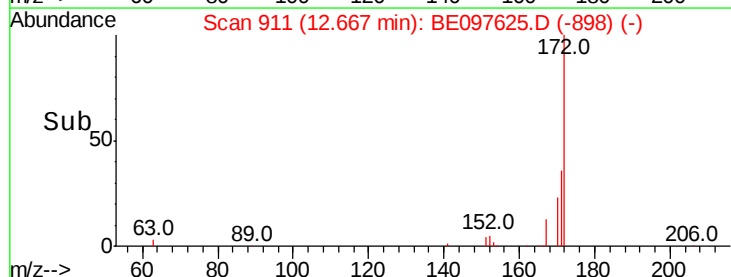
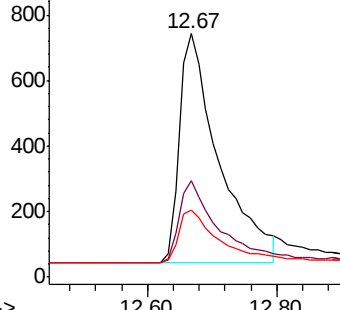


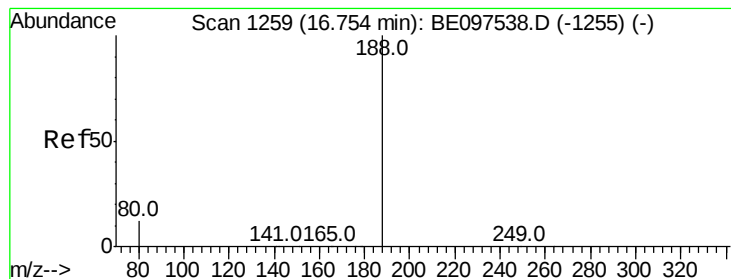
#15
 2-Fluorobiphenyl
 Concen: 0.432 ng
 RT: 12.67 min Scan# 911
 Delta R.T. 0.05 min
 Lab File: BE097625.D
 Acq: 21 Sep 2018 23:27

Tgt Ion:172 Resp: 2954
 Ion Ratio Lower Upper
 172 100
 171 39.6 29.9 44.9
 170 27.7 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. 0.02 min

Lab File: BE097625.D

Acq: 21 Sep 2018 23:27

Instrument :

BNA_E

ClientSampleId :

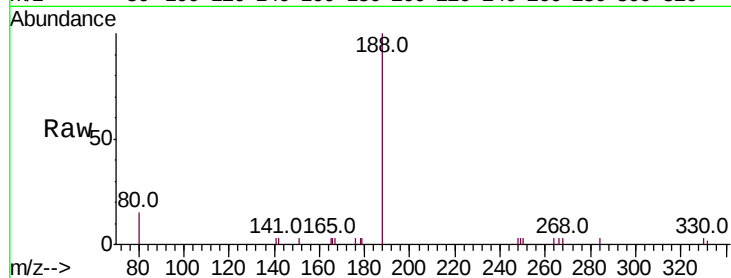
Tot Ion:188 Resp: 5413

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

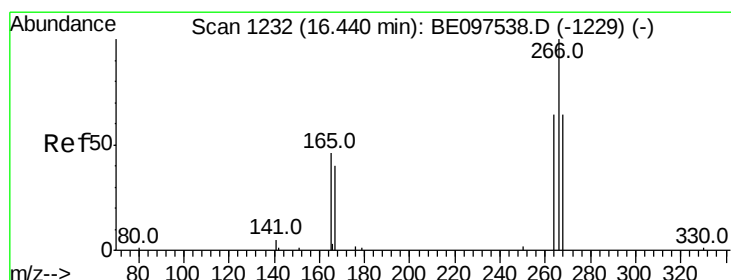
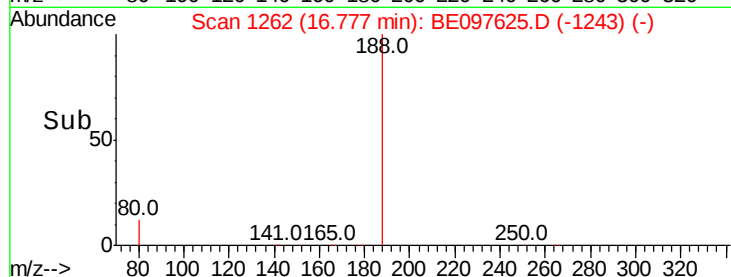
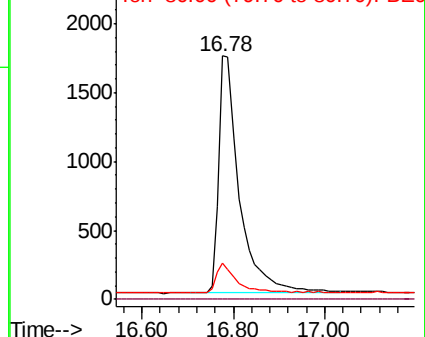
80 14.9 3.6 5.4#



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: 0.131 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097625.D

Acq: 21 Sep 2018 23:27

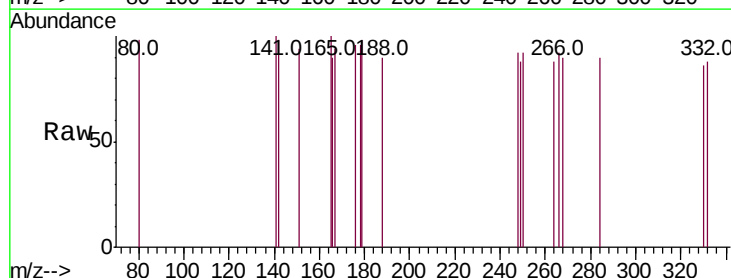
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

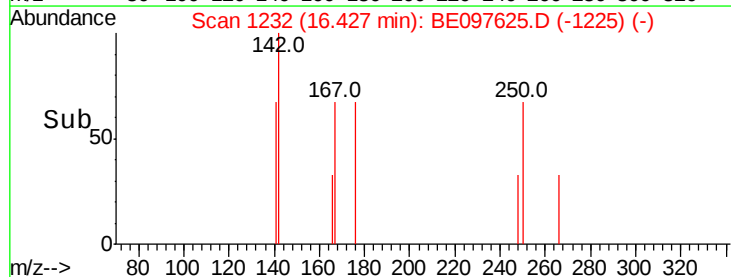
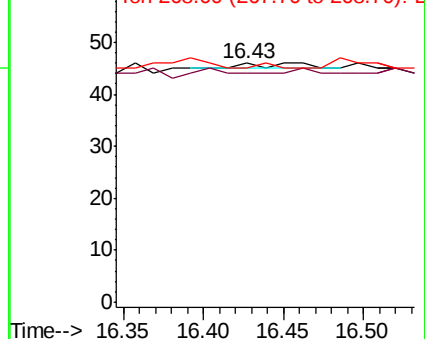
268 97.8 73.8 110.6

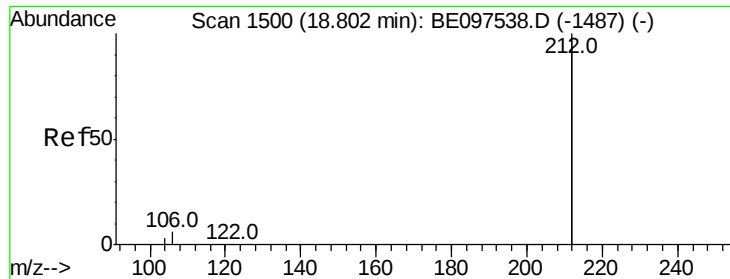


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.452 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097625.D

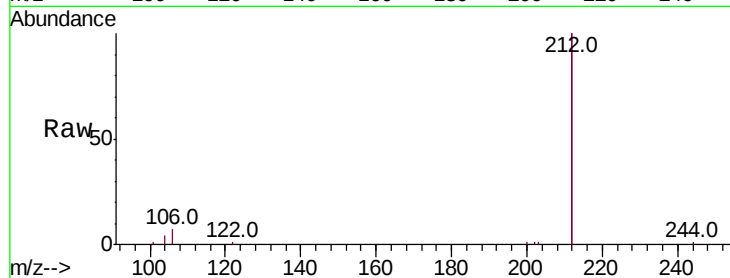
Acq: 21 Sep 2018 23:27

Instrument :

BNA_E

ClientSampleId :

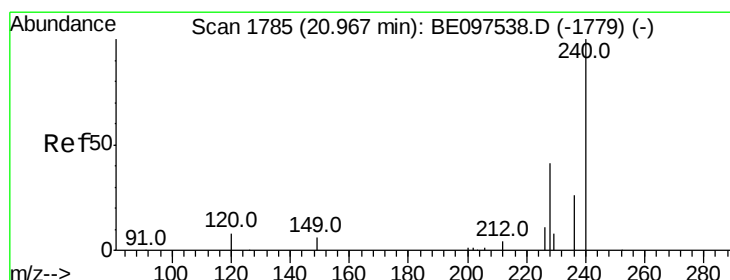
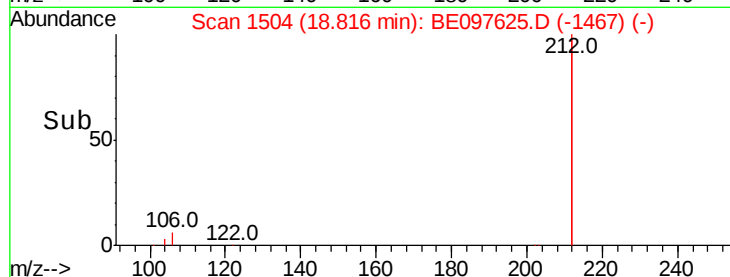
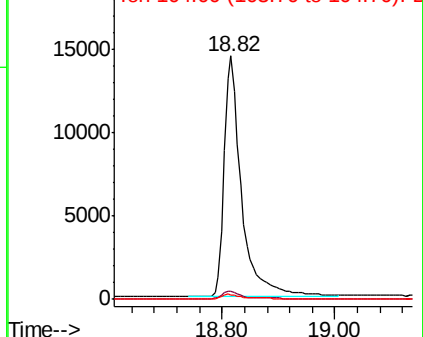
Tot Ion:212	Resp:	31311
Ion Ratio	Lower	Upper
212	100	
106	3.2	2.8 4.2
104	1.8	1.6 2.4



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: 0.400 ng

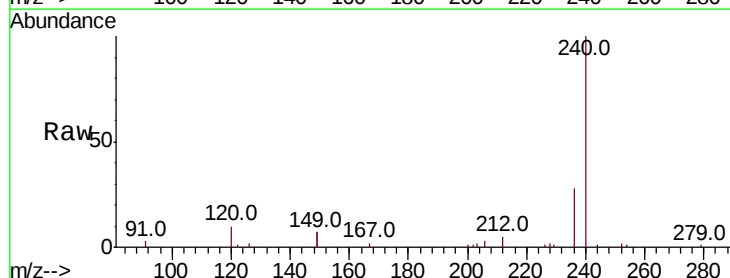
RT: 20.98 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BE097625.D

Acq: 21 Sep 2018 23:27

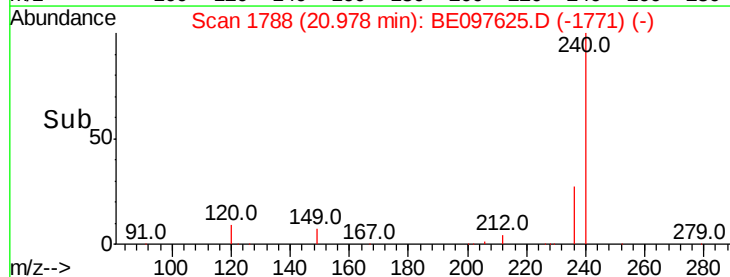
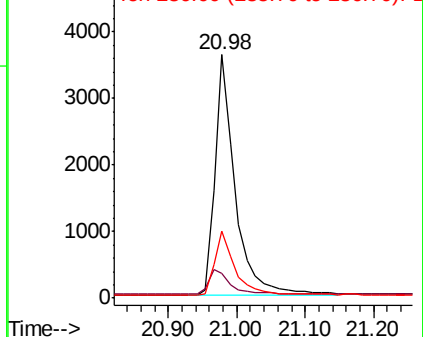
Tgt Ion:240	Resp:	7308
Ion Ratio	Lower	Upper
240	100	
120	10.4	5.5 8.3#
236	27.6	20.7 31.1

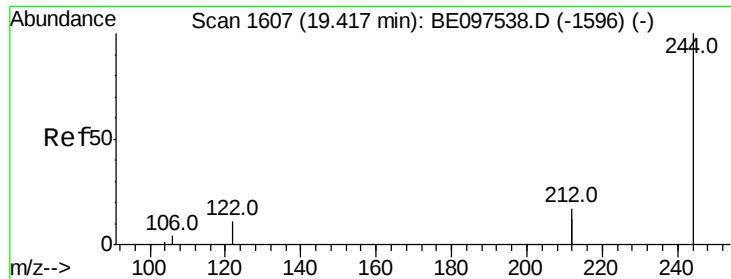


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

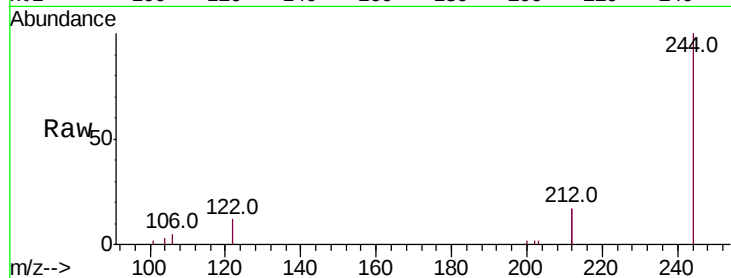




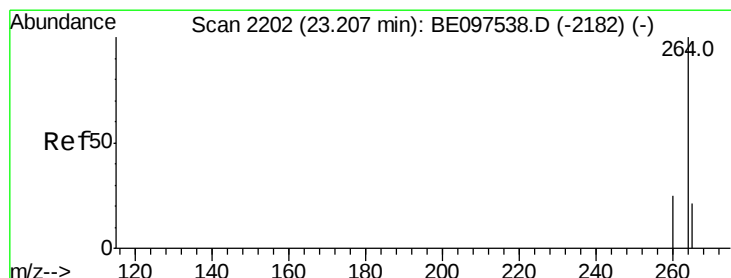
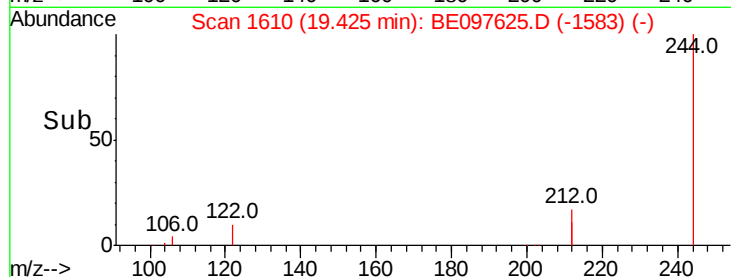
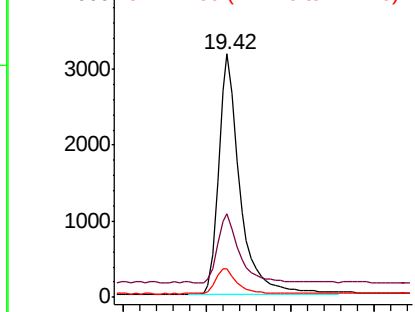
#29
 Terphenyl-d14
 Concen: 0.417 ng
 RT: 19.42 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BE097625.D
 Acq: 21 Sep 2018 23:27

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 5582
 Ion Ratio Lower Upper
 244 100
 212 34.4 25.4 38.0
 122 11.7 8.1 12.1

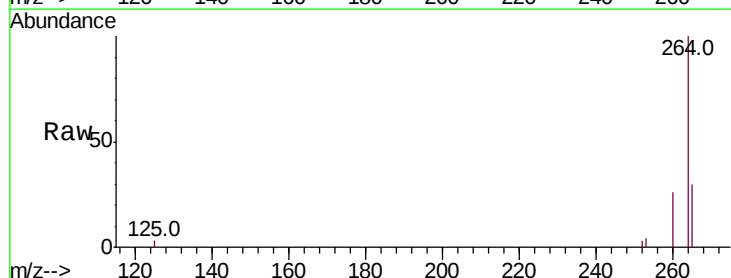


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

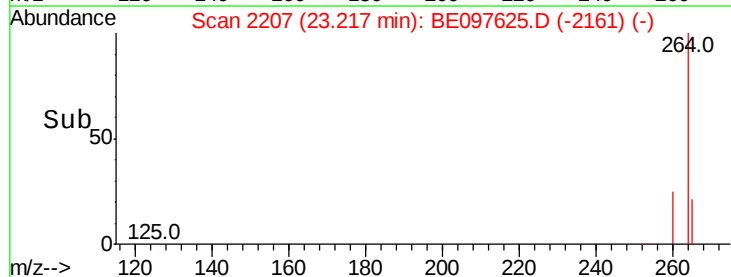
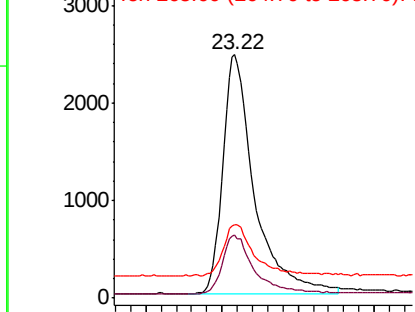


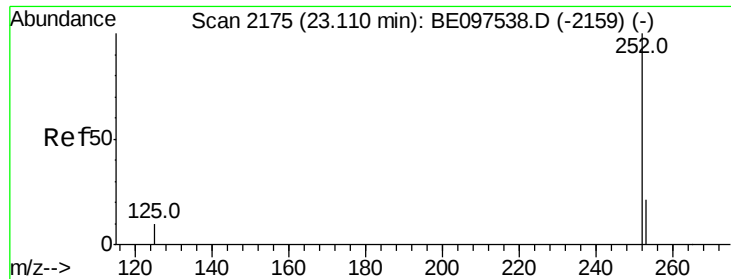
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BE097625.D
 Acq: 21 Sep 2018 23:27

Tgt Ion:264 Resp: 7054
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 30.0 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





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.13 min Scan# 2183

Delta R.T. 0.02 min

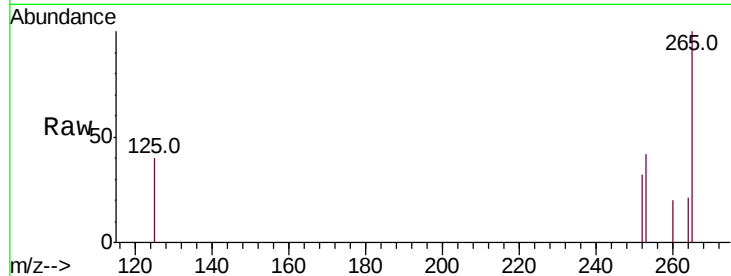
Lab File: BE097625.D

Acq: 21 Sep 2018 23:27

Instrument :

BNA_E

ClientSampleId :



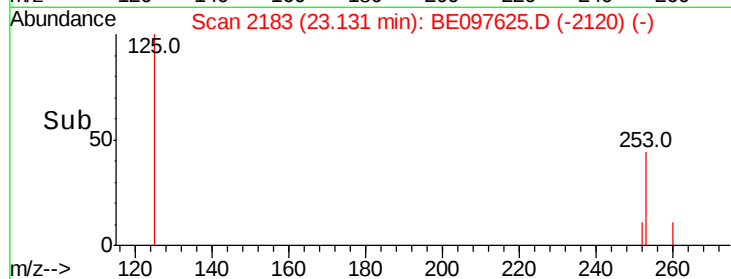
Tot Ion: 252 Resp: 7

Ion Ratio Lower Upper

252 100

253 132.9 16.0 24.0#

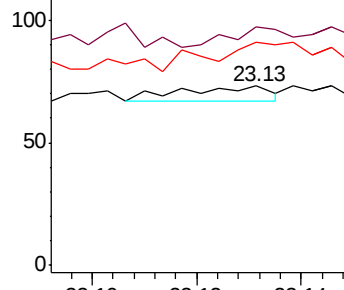
125 124.7 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->