

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097634.D
 Acq On : 22 Sep 2018 5:37
 Operator : SJ/JU
 Sample : J4980-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 06:20:46 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	652	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	2839	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	1827	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6323	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8353	0.40	ng	0.00
34) Perylene-d12	23.21	264	8121	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	314	0.16	ng	0.01
5) Phenol-d6	6.63	99	122	0.05	ng	0.02
8) Nitrobenzene-d5	8.58	82	663	0.30	ng	0.05
11) 2-Methylnaphthalene-d10	11.75	152	1773	0.45	ng	0.03
14) 2,4,6-Tribromophenol	15.54	330	302	0.43	ng	0.02
15) 2-Fluorobiphenyl	12.64	172	2978	0.46	ng	0.02
25) Fluoranthene-d10	18.80	212	35642	0.44	ng	0.00
29) Terphenyl-d14	19.41	244	8265	0.54	ng	0.00

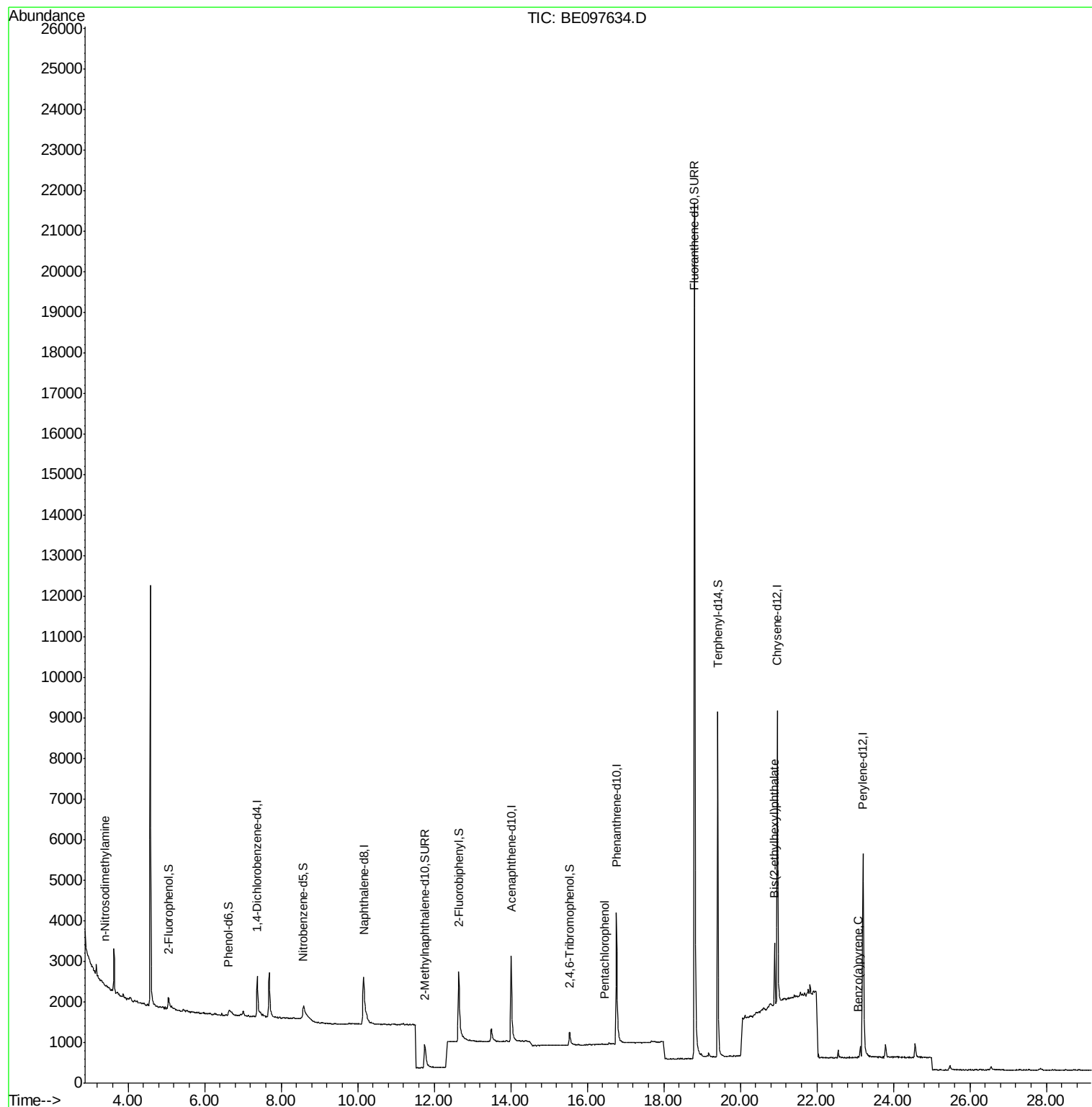
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.40	42	19	0.036	ng	# 8
22) Pentachlorophenol	16.46	266	28	0.150	ng	94
32) Bis(2-ethylhexyl)phthalate	20.89	149	2091	0.070	ng	# 99
37) Benzo(a)pyrene	23.09	252	5	0.021	ng	# 1

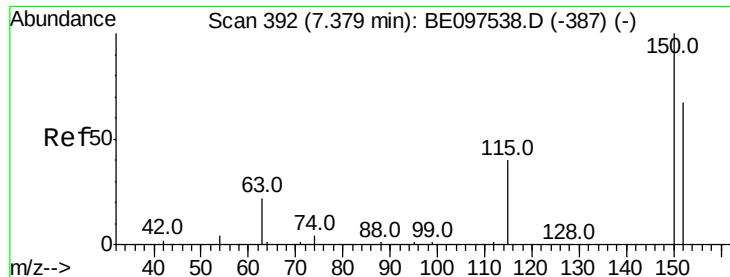
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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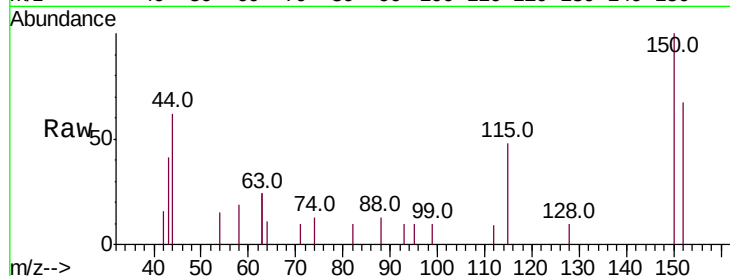


#1

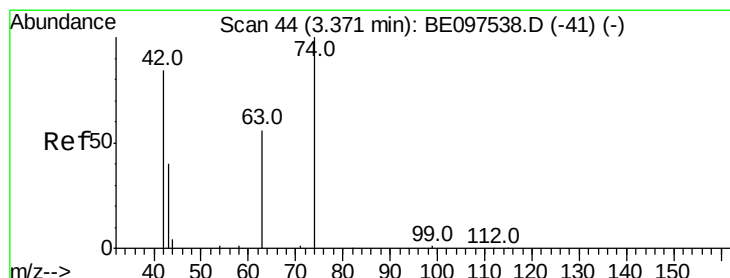
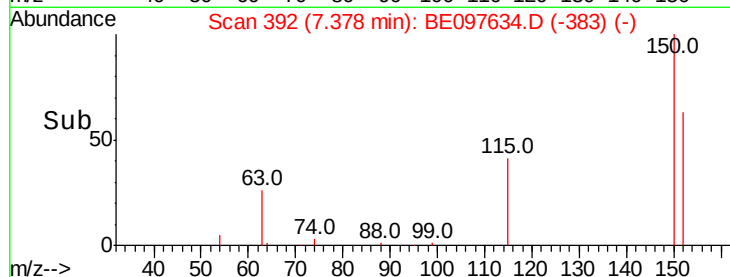
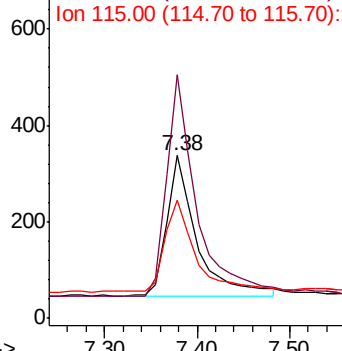
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097634.D
Acq: 22 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 652
Ion Ratio Lower Upper
152 100
150 149.9 117.2 175.8
115 72.4 57.0 85.6



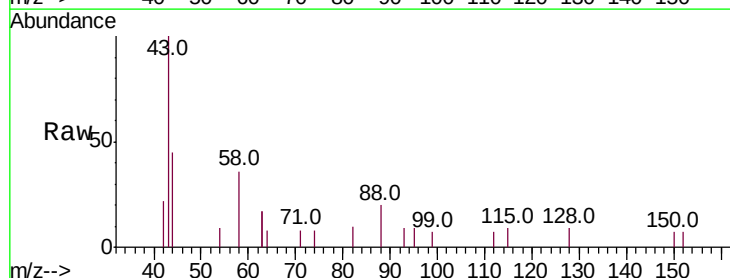
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



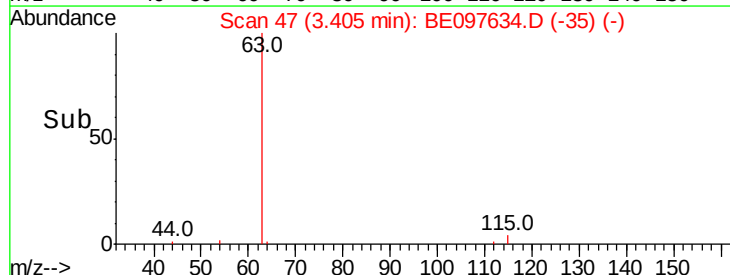
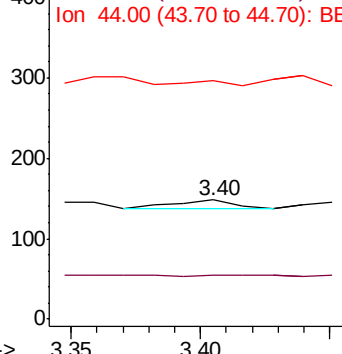
#3

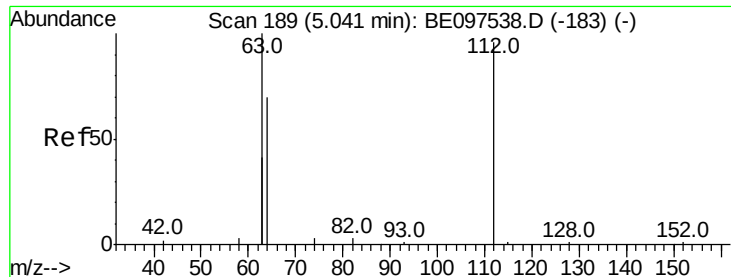
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.40 min Scan# 47
Delta R.T. 0.03 min
Lab File: BE097634.D
Acq: 22 Sep 2018 5:37

Tgt Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
74 10.5 96.0 144.0#
44 0.0 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: 0.161 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

Instrument :

BNA_E

ClientSampled :

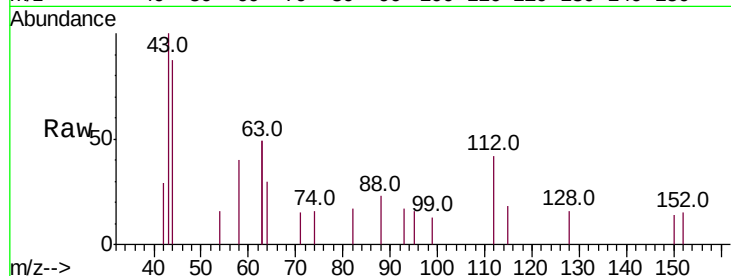
Tot Ion:112 Resp: 314

Ion Ratio Lower Upper

112 100

64 72.0 60.1 90.1

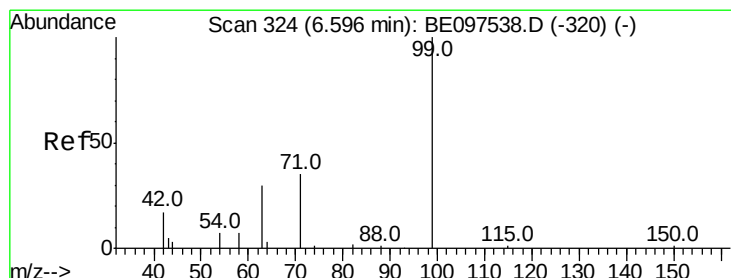
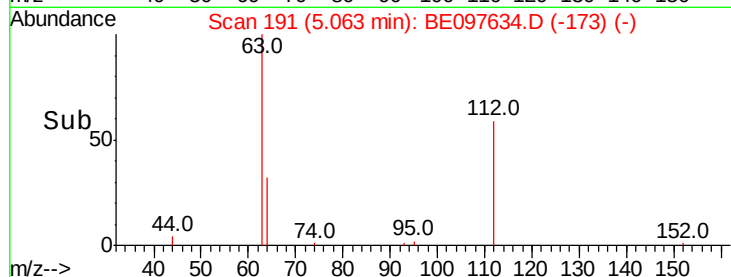
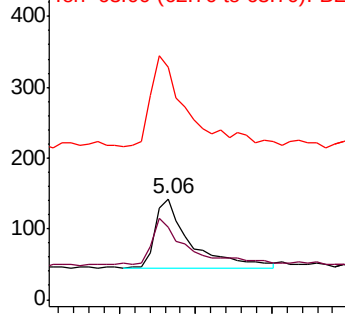
63 137.3 116.8 175.2



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: 0.049 ng

RT: 6.63 min Scan# 327

Delta R.T. 0.02 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

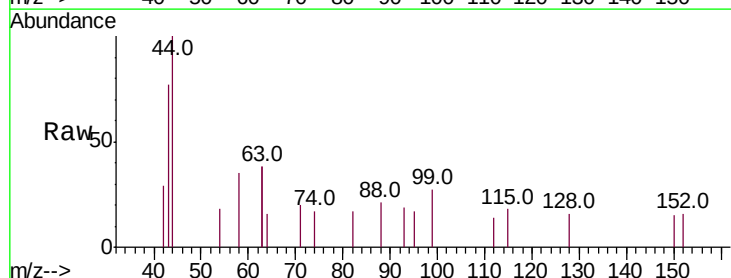
Tgt Ion: 99 Resp: 122

Ion Ratio Lower Upper

99 100

42 44.3 20.2 30.2#

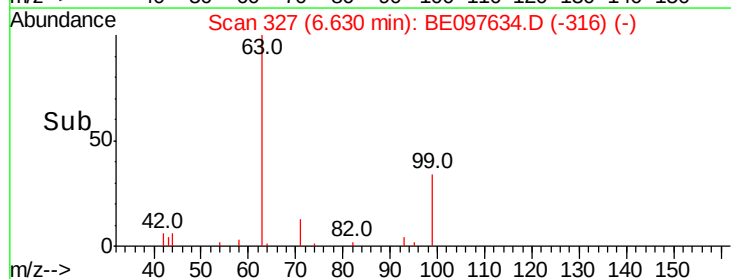
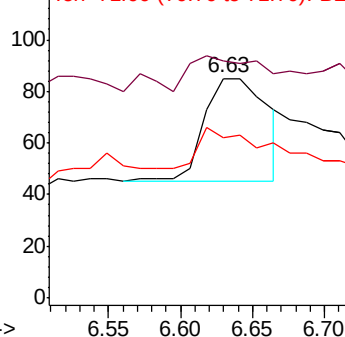
71 28.7 28.4 42.6

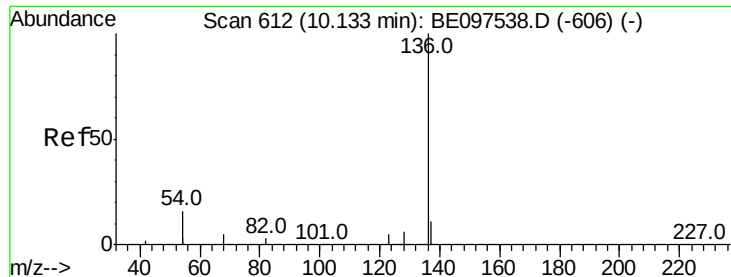


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.16 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2839

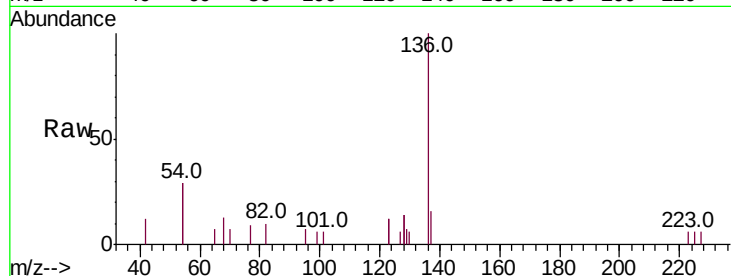
Ion Ratio Lower Upper

136 100

137 16.1 9.5 14.3#

54 58.2 29.1 43.7#

68 12.9 6.2 9.2#

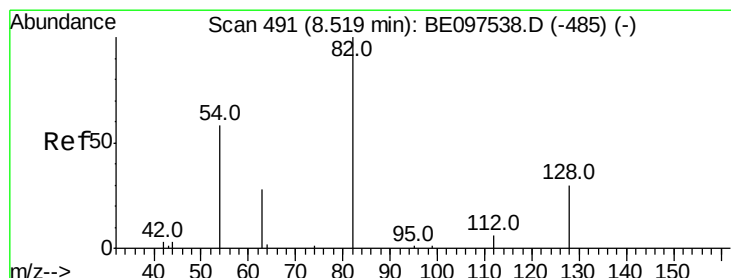
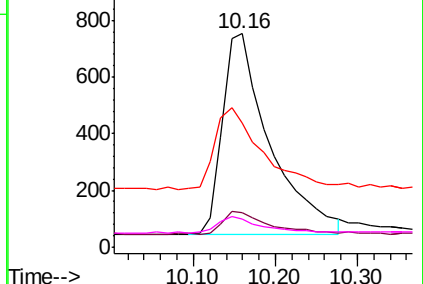
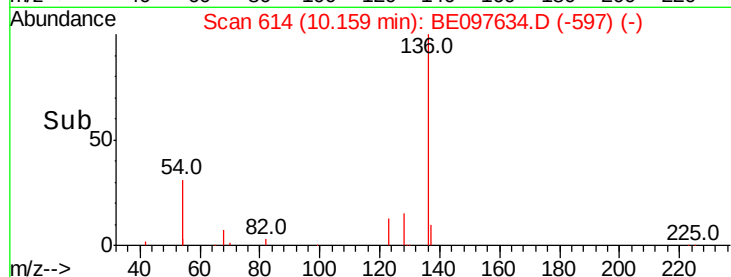


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.302 ng

RT: 8.58 min Scan# 496

Delta R.T. 0.05 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

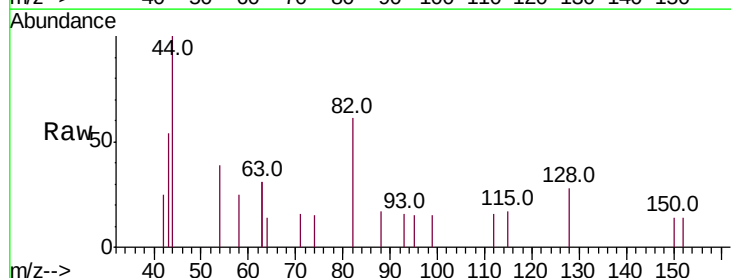
Tgt Ion: 82 Resp: 663

Ion Ratio Lower Upper

82 100

128 47.1 24.0 36.0#

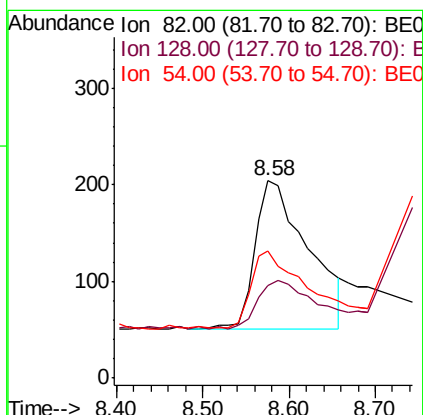
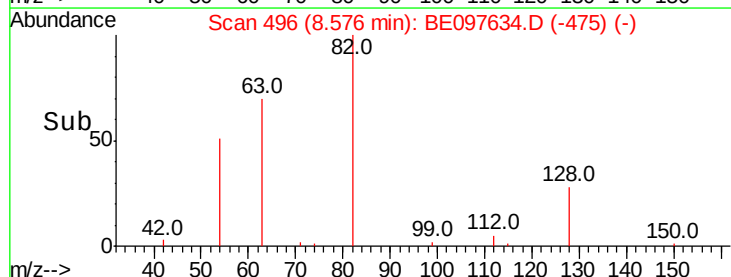
54 64.2 40.0 60.0#

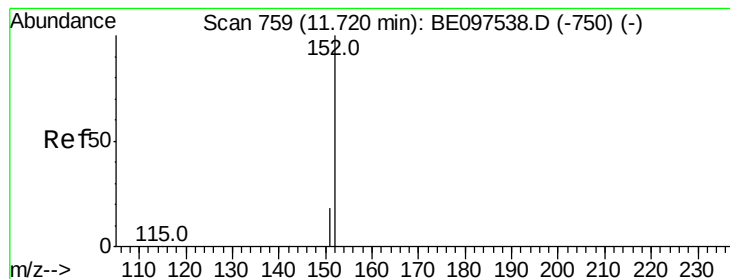


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.453 ng

RT: 11.75 min Scan# 765

Delta R.T. 0.03 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

Instrument :

BNA_E

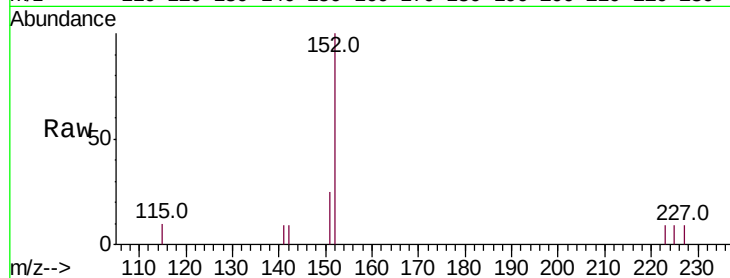
ClientSampleId :

Tot Ion:152 Resp: 1773

Ion Ratio Lower Upper

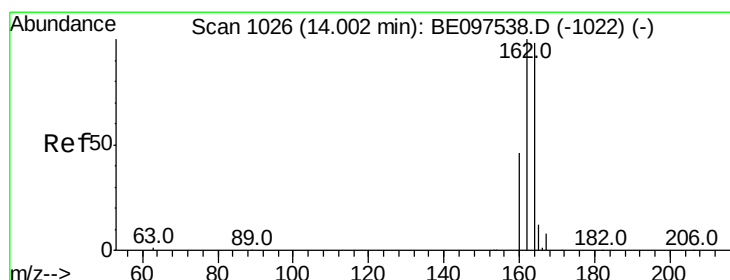
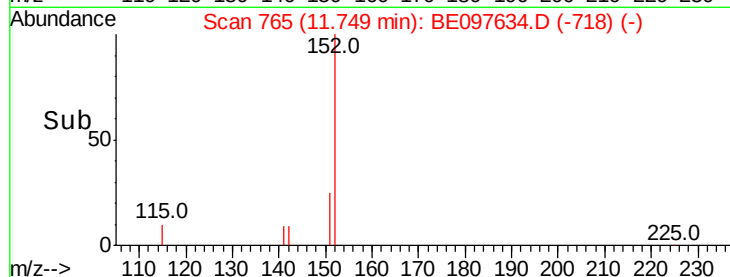
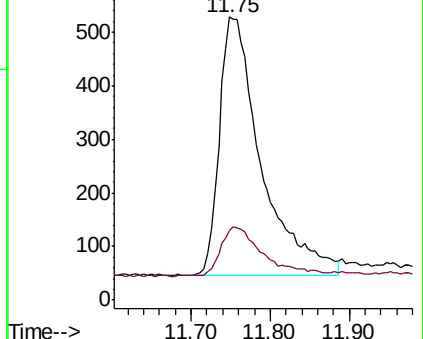
152 100

151 18.9 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: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

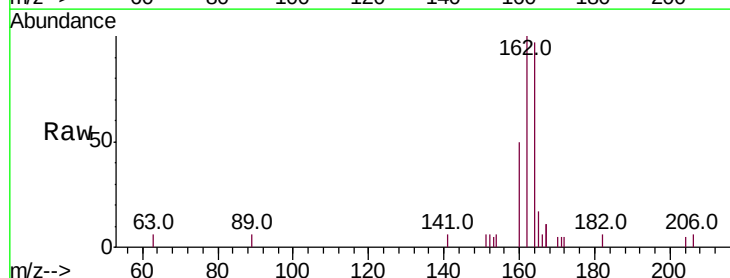
Tgt Ion:164 Resp: 1827

Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

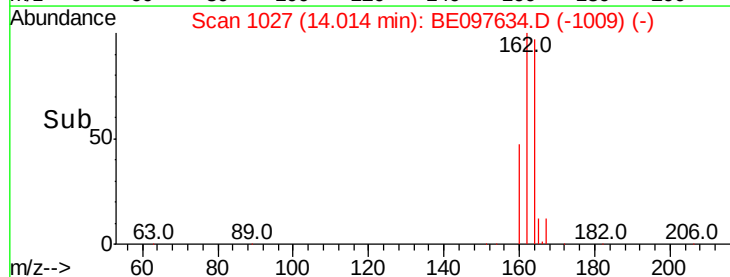
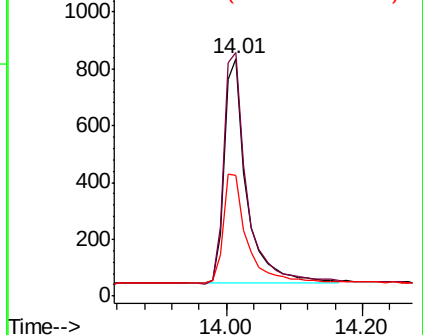
160 50.9 37.1 55.7

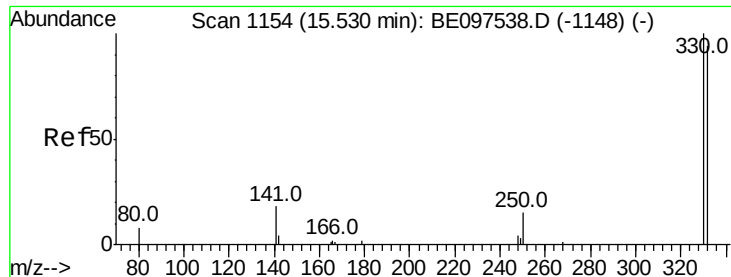


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

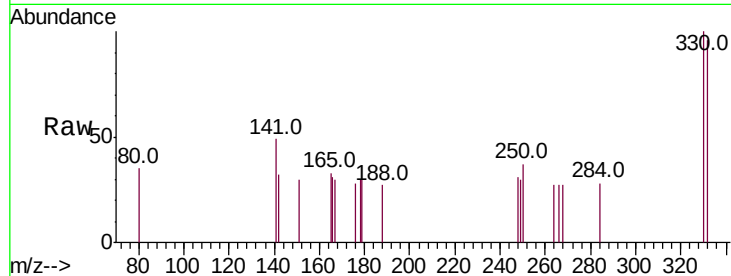




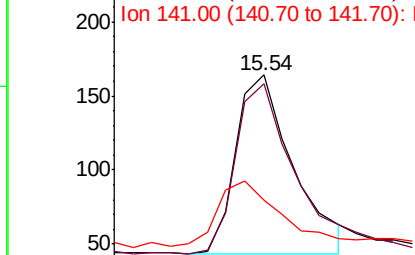
#14
 2,4,6-Tribromophenol
 Concen: 0.432 ng
 RT: 15.54 min Scan# 1155
 Delta R.T. 0.02 min
 Lab File: BE097634.D
 Acq: 22 Sep 2018 5:37

Instrument :
 BNA_E
 ClientSampled :

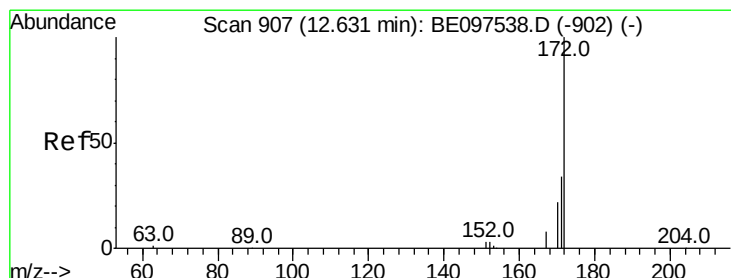
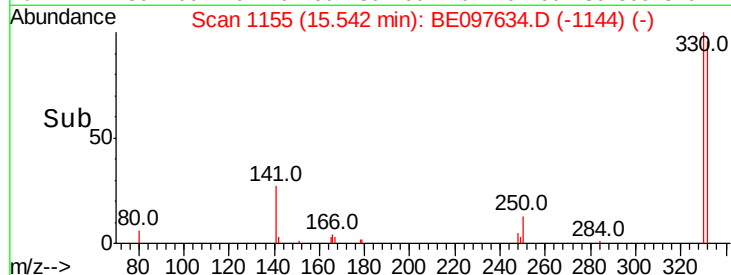
Tot Ion:330 Resp: 302
 Ion Ratio Lower Upper
 330 100
 332 94.4 152.7 229.1#
 141 42.1 33.7 50.5



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

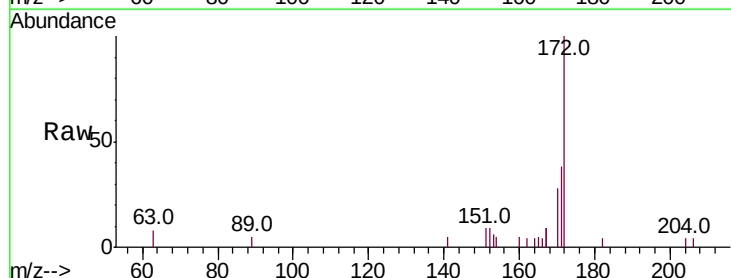


Time--> 15.45 15.50 15.55 15.60

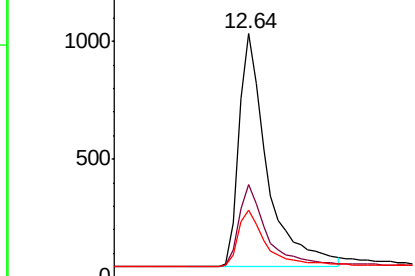


#15
 2-Fluorobiphenyl
 Concen: 0.461 ng
 RT: 12.64 min Scan# 908
 Delta R.T. 0.02 min
 Lab File: BE097634.D
 Acq: 22 Sep 2018 5:37

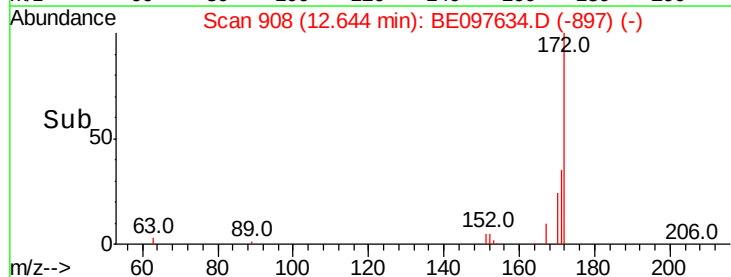
Tgt Ion:172 Resp: 2978
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.9 44.9
 170 27.7 21.8 32.8

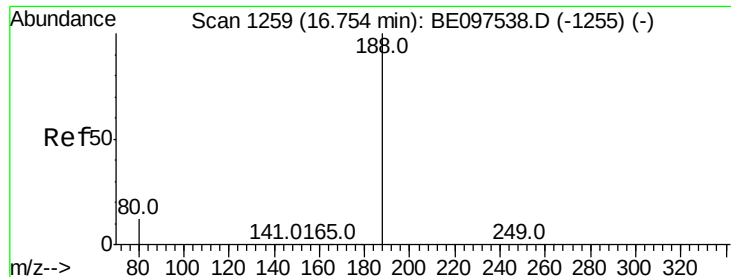


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 12.60 12.64 12.68 12.72 12.76 12.80





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

Instrument :

BNA_E

ClientSampleId :

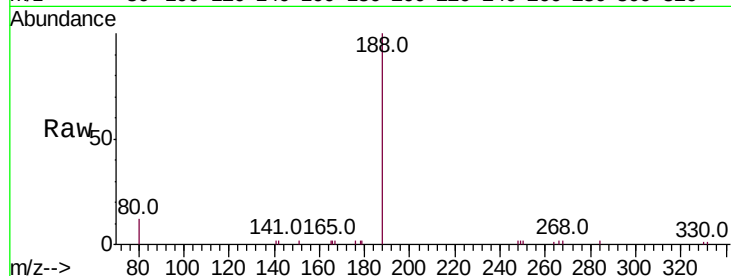
Tot Ion:188 Resp: 6323

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

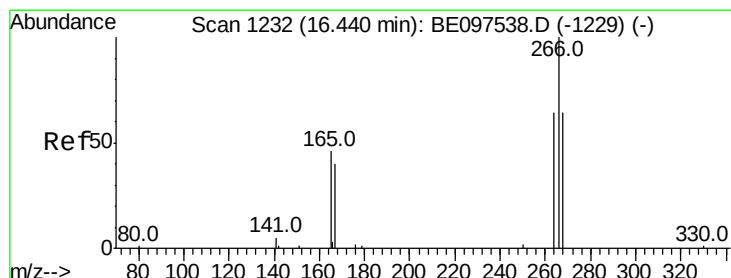
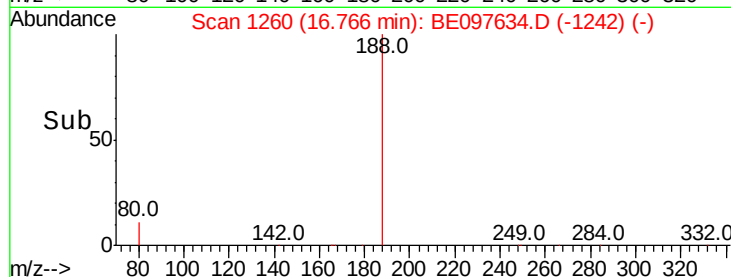
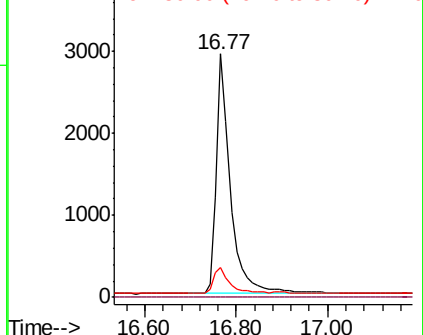
80 12.2 3.6 5.4#



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: 0.150 ng

RT: 16.46 min Scan# 1234

Delta R.T. 0.02 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

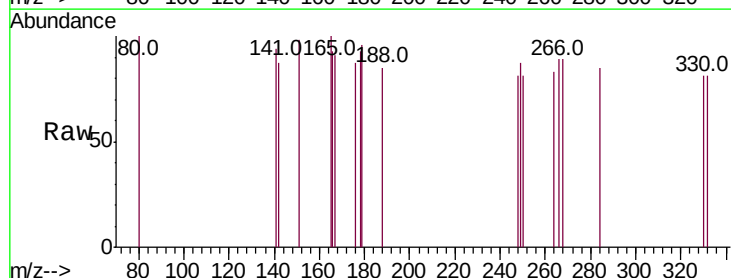
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 93.8 72.5 108.7

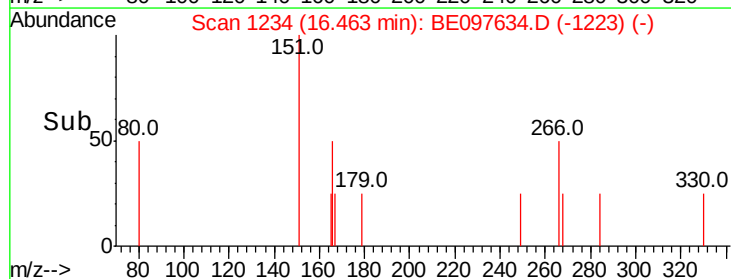
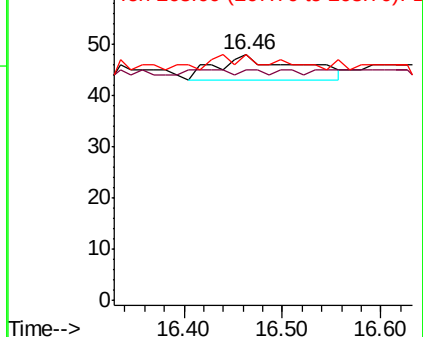
268 100.0 73.8 110.6

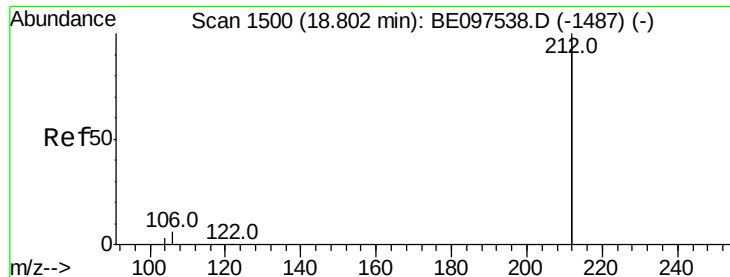


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.440 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

Instrument :

BNA_E

ClientSampleId :

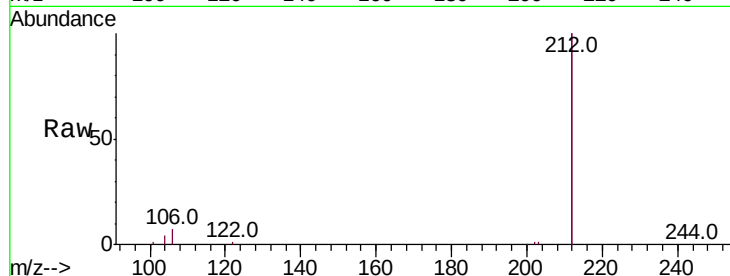
Tot Ion:212 Resp: 35642

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

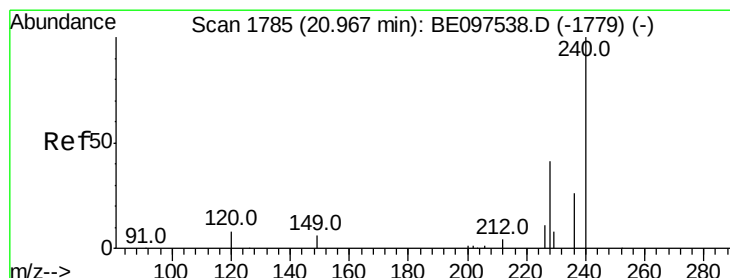
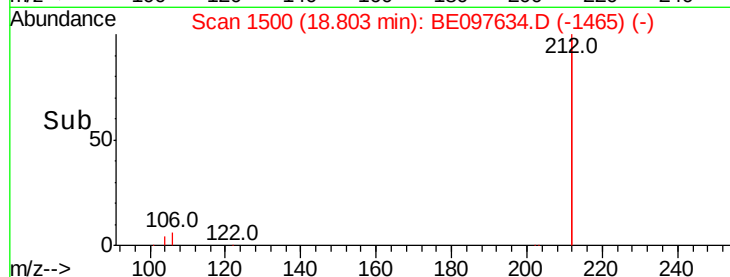
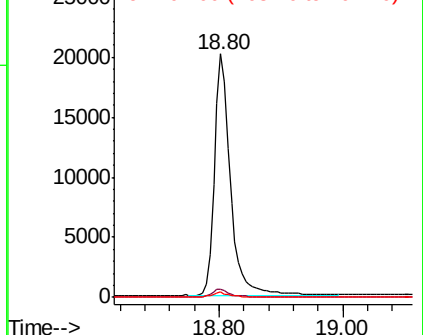
104 1.7 1.6 2.4



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: 20.97 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

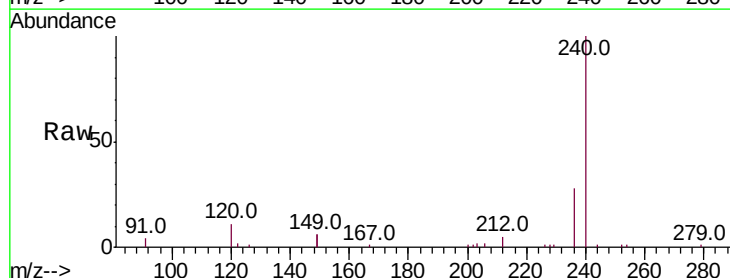
Tgt Ion:240 Resp: 8353

Ion Ratio Lower Upper

240 100

120 10.9 5.5 8.3#

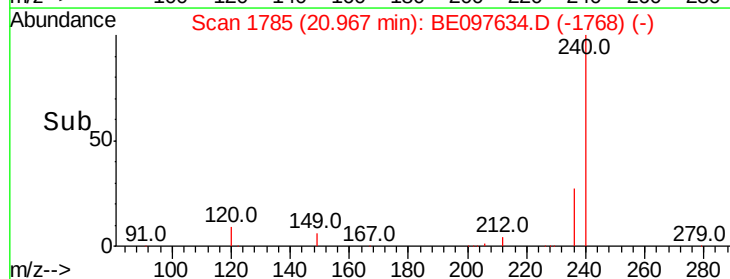
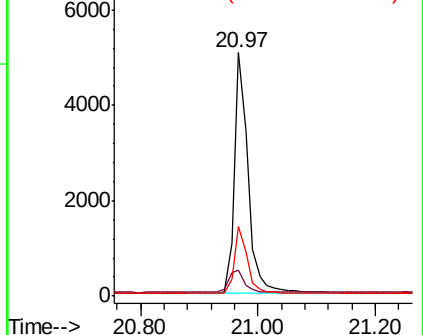
236 28.3 20.7 31.1

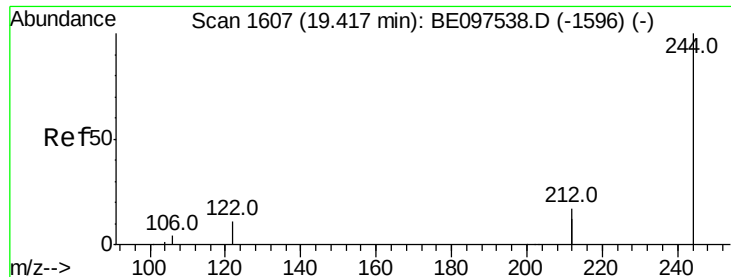


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.541 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

Instrument :

BNA_E

ClientSampleId :

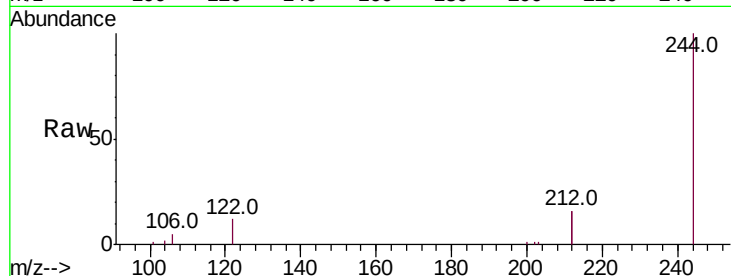
Tot Ion:244 Resp: 8265

Ion Ratio Lower Upper

244 100

212 32.2 25.4 38.0

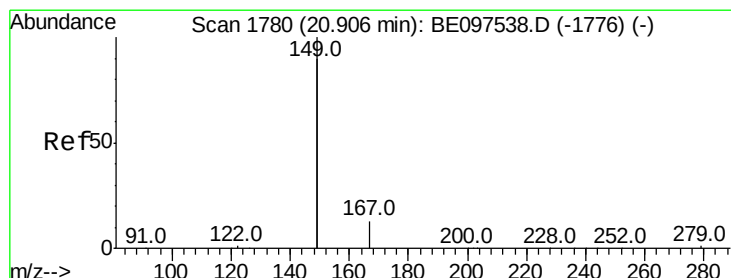
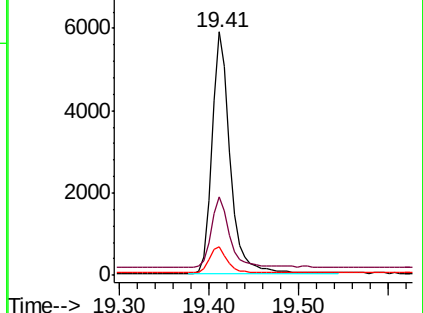
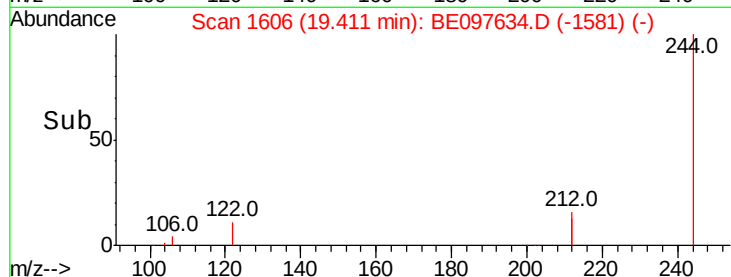
122 11.8 8.1 12.1



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: 0.070 ng

RT: 20.89 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE097634.D

Acq: 22 Sep 2018 5:37

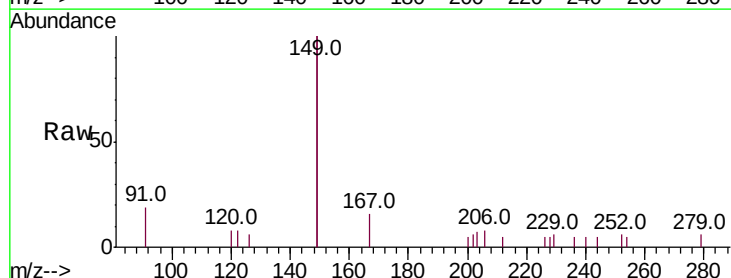
Tgt Ion:149 Resp: 2091

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

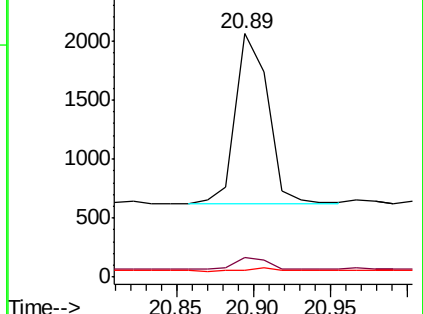
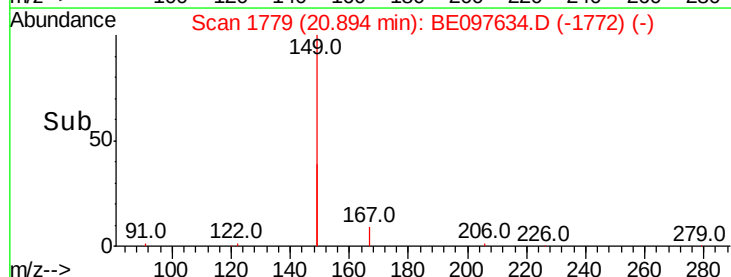
279 1.4 0.7 1.1#

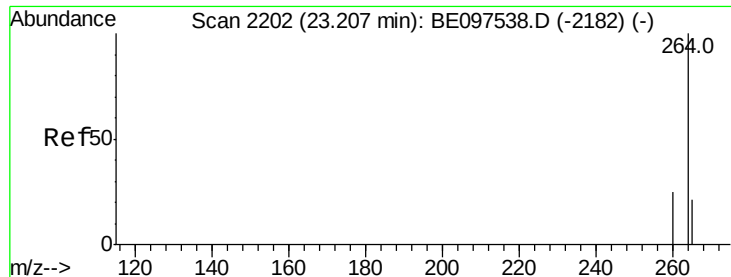


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

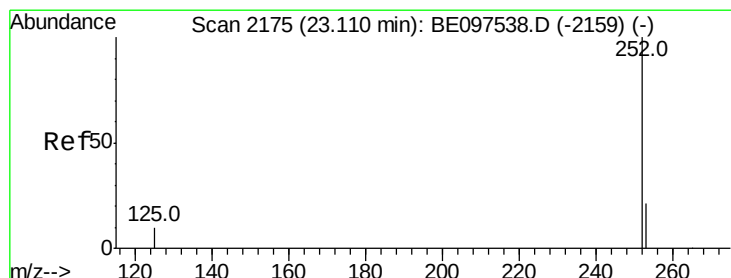
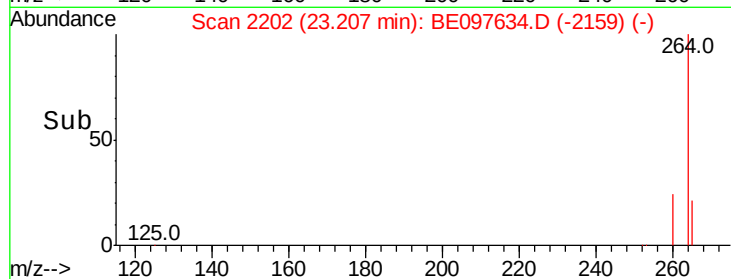
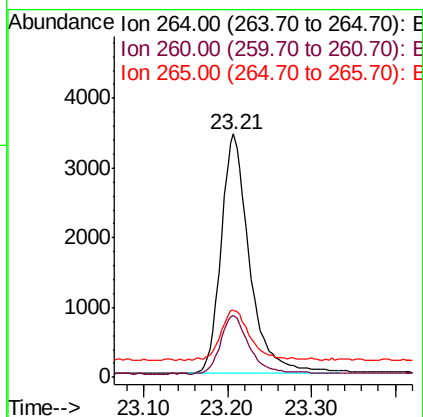
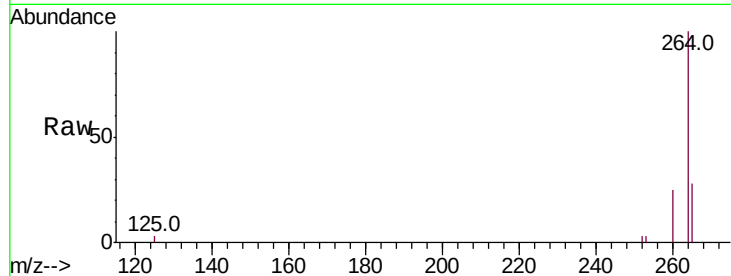




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097634.D
Acq: 22 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 8121
Ion Ratio Lower Upper
264 100
260 25.4 20.5 30.7
265 27.7 22.8 34.2



#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.09 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BE097634.D
Acq: 22 Sep 2018 5:37

Tgt Ion:252 Resp: 5
Ion Ratio Lower Upper
252 100
253 141.5 16.0 24.0#
125 111.0 12.0 18.0#

