

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097592.D
 Acq On : 21 Sep 2018 3:07
 Operator : SJ/JU
 Sample : J4963-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ122I-20180914

Quant Time: Sep 21 06:02:08 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	723	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3140	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	2102	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	6530	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8689	0.40	ng	0.00
34) Perylene-d12	23.20	264	8729	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	531	0.25	ng	0.00
5) Phenol-d6	0.00	99	0	0.00	ng	
8) Nitrobenzene-d5	8.56	82	990	0.41	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	2163	0.50	ng	0.03
14) 2,4,6-Tribromophenol	15.52	330	515	0.59	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	4491	0.60	ng	0.01
25) Fluoranthene-d10	18.80	212	39455	0.47	ng	0.00
29) Terphenyl-d14	19.41	244	9793	0.62	ng	0.00

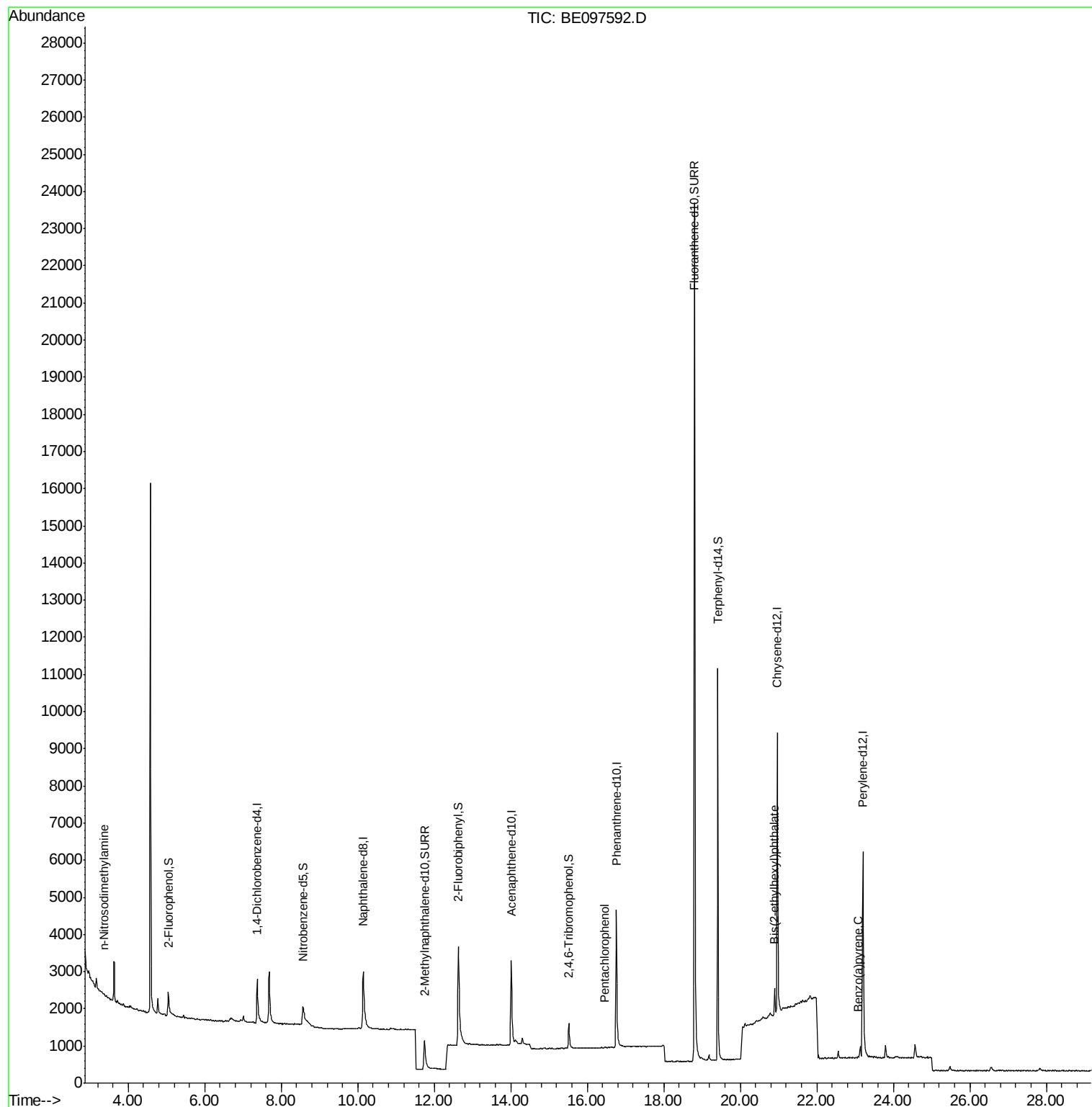
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.37	42	18	0.033	ng	# 1
22) Pentachlorophenol	16.46	266	14	0.139	ng	93
32) Bis(2-ethylhexyl)phthalate	20.89	149	1138	0.041	ng	# 95
37) Benzo(a)pyrene	23.08	252	5	0.021	ng	# 1

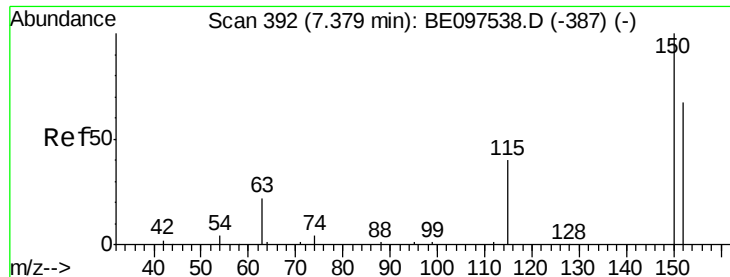
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097592.D

Acq: 21 Sep 2018 3:07

Instrument :

BNA_E

ClientSampleId :

SA-PZ122I-20180914

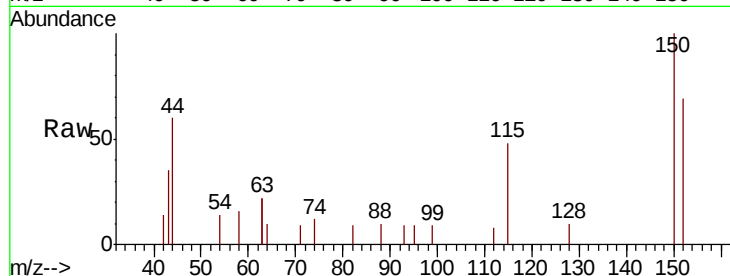
Tgt Ion: 152 Resp: 723

Ion Ratio Lower Upper

152 100

150 145.2 117.2 175.8

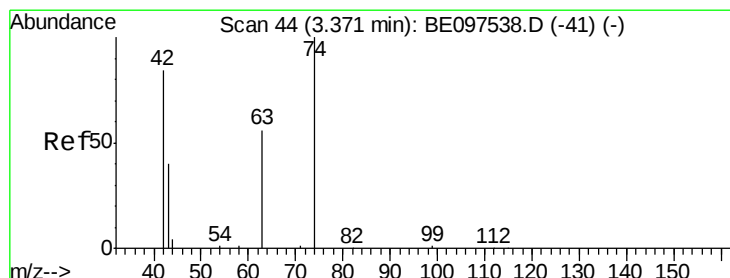
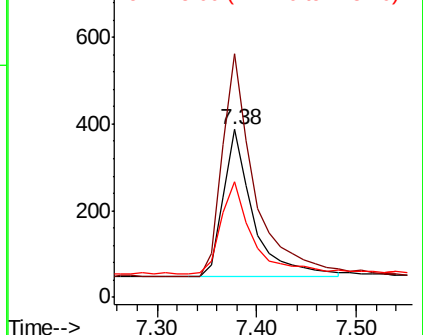
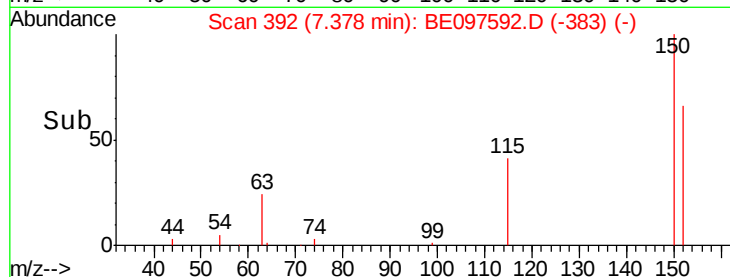
115 69.0 57.0 85.6



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: 0.033 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

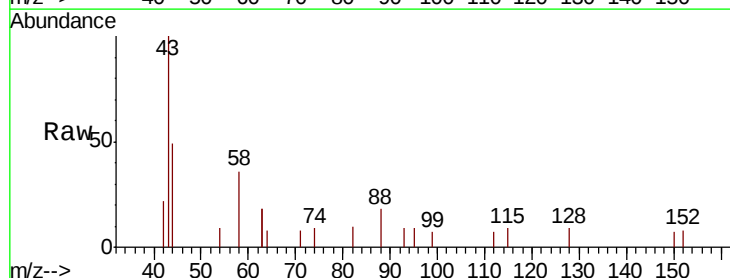
Tgt Ion: 42 Resp: 18

Ion Ratio Lower Upper

42 100

74 38.9 96.0 144.0#

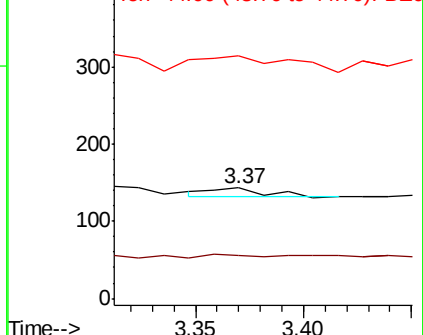
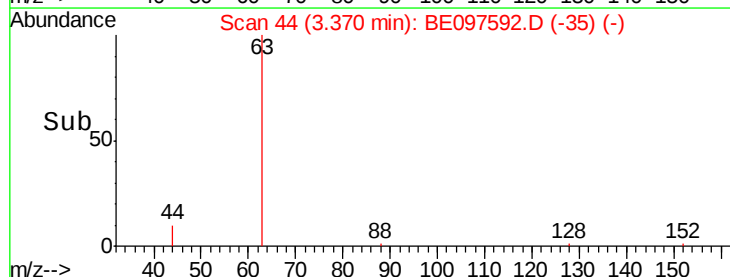
44 366.7 12.0 18.0#

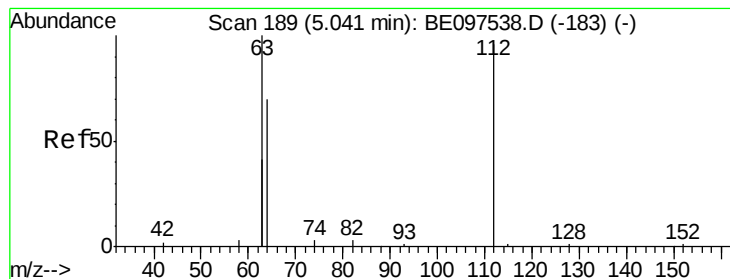


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.245 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

Instrument :

BNA_E

ClientSampleId :

SA-PZ122I-20180914

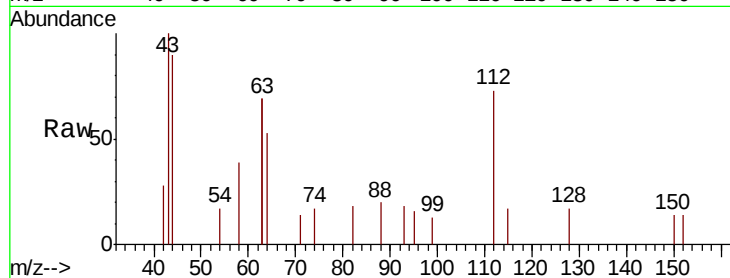
Tgt Ion: 112 Resp: 531

Ion Ratio Lower Upper

112 100

64 63.8 60.1 90.1

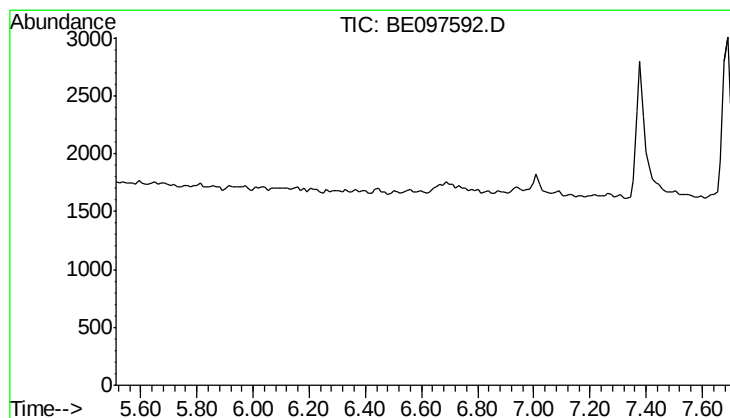
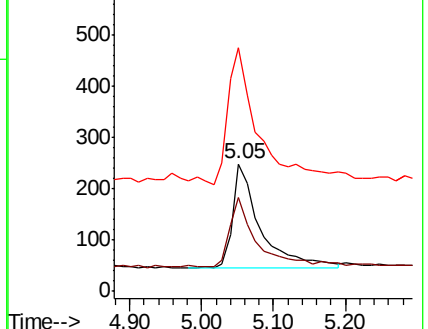
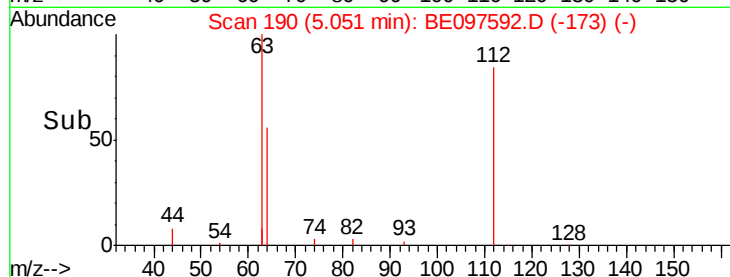
63 158.2 116.8 175.2



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: BE097592.D

Acq: 21 Sep 2018 3:07

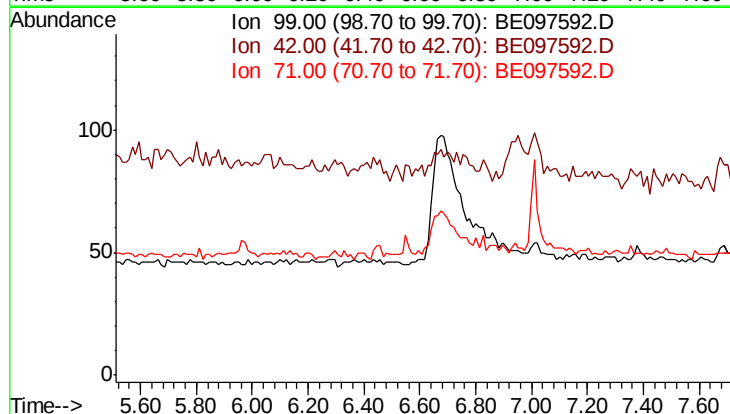
Tgt Ion: 99

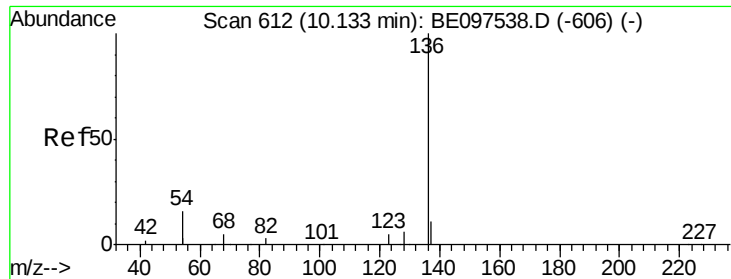
Sig Exp Ratio

99 100

42 25.2

71 35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

Instrument :

BNA_E

ClientSampleId :

SA-PZ122I-20180914

Tgt Ion: 136 Resp: 3140

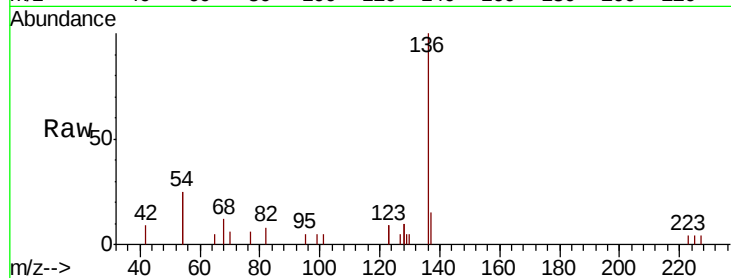
Ion Ratio Lower Upper

136 100

137 14.6 9.5 14.3#

54 50.1 29.1 43.7#

68 11.6 6.2 9.2#



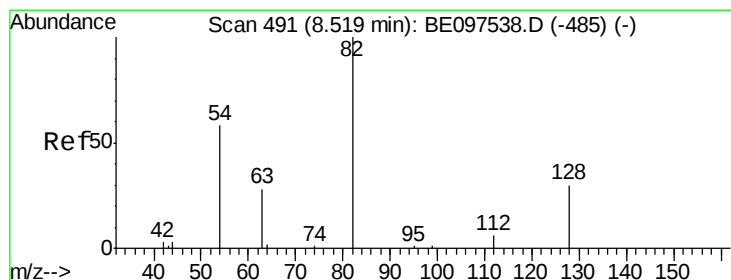
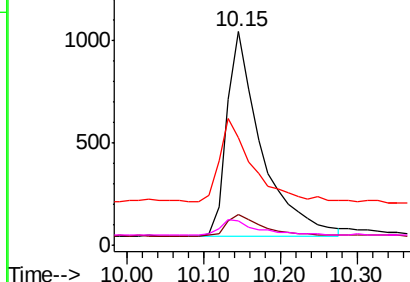
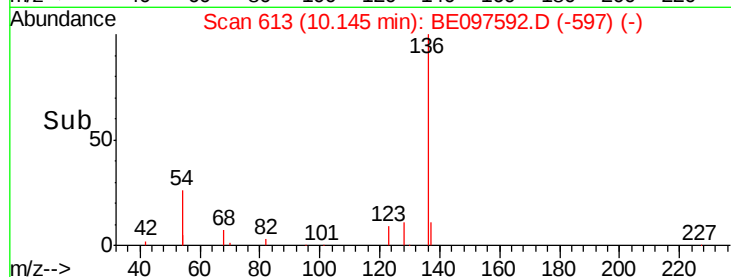
Abundance

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: 0.408 ng

RT: 8.56 min Scan# 495

Delta R.T. 0.03 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

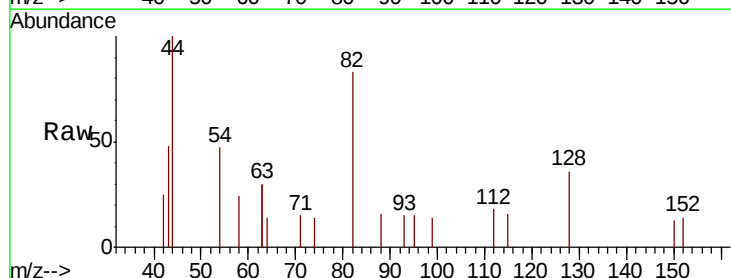
Tgt Ion: 82 Resp: 990

Ion Ratio Lower Upper

82 100

128 43.0 24.0 36.0#

54 56.7 40.0 60.0

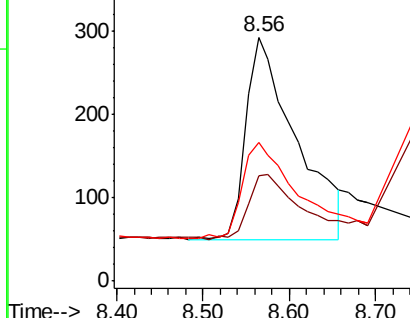
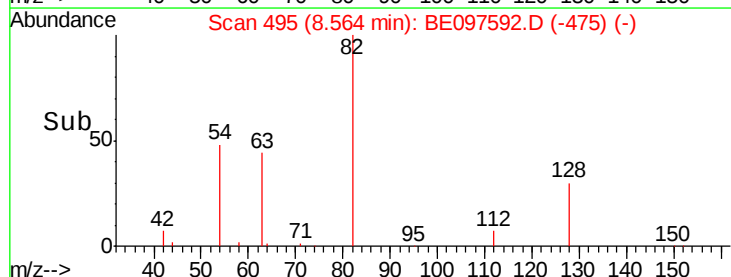


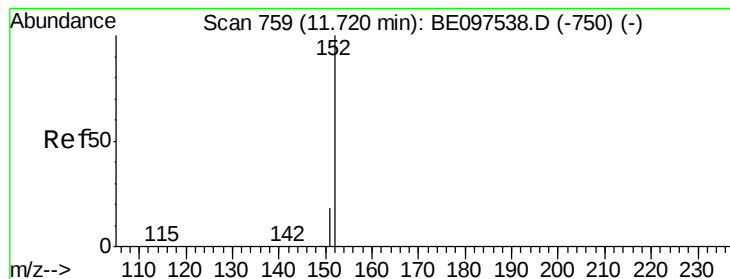
Abundance

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: 0.500 ng

RT: 11.74 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

Instrument :

BNA_E

ClientSampleId :

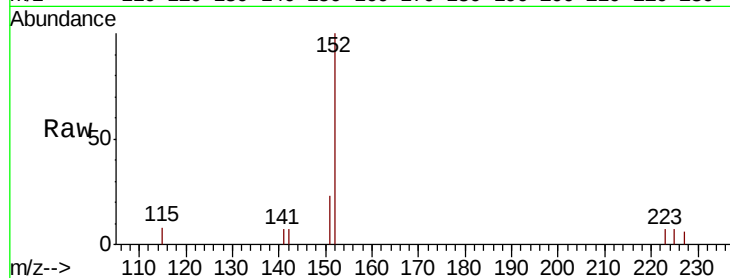
SA-PZ122I-20180914

Tgt Ion:152 Resp: 2163

Ion Ratio Lower Upper

152 100

151 18.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

800

600

400

200

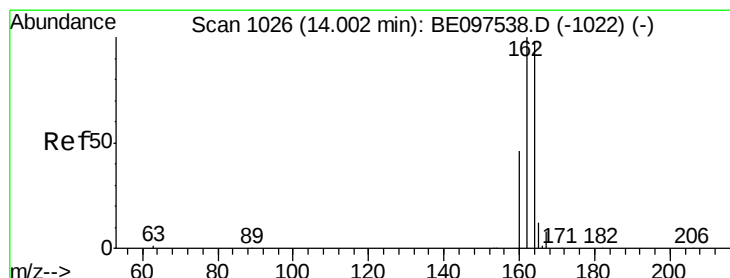
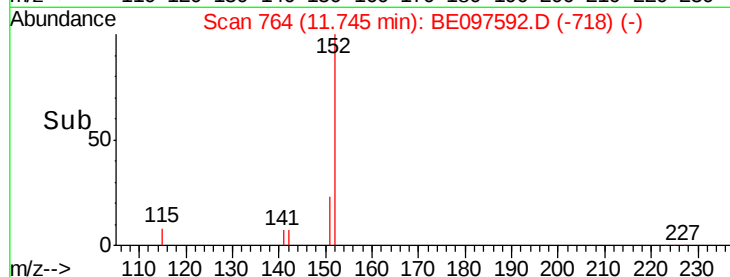
0

11.60

11.74

11.80

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

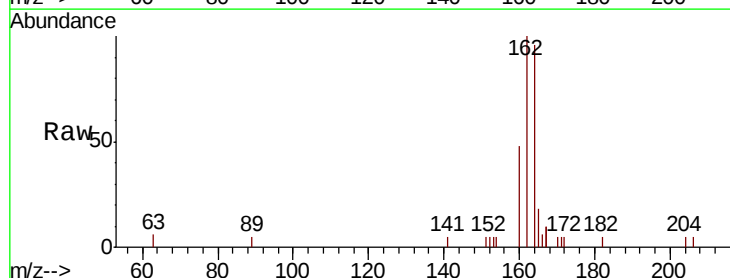
Tgt Ion:164 Resp: 2102

Ion Ratio Lower Upper

164 100

162 104.4 83.1 124.7

160 49.7 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

1200

1000

800

600

400

200

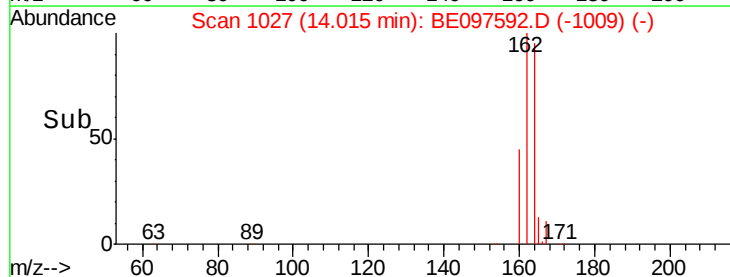
0

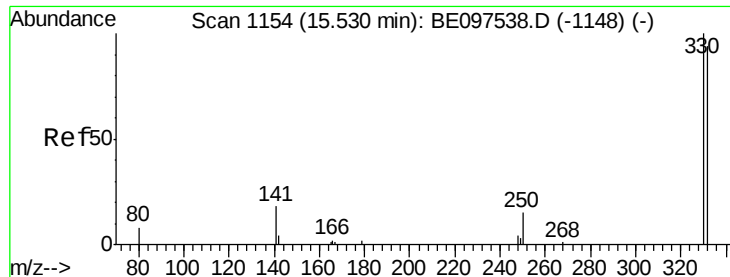
14.00

14.01

14.20

Time-->

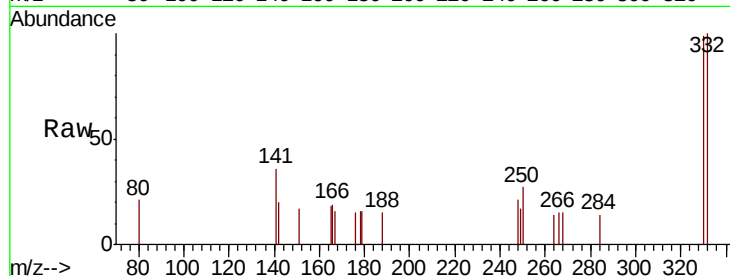




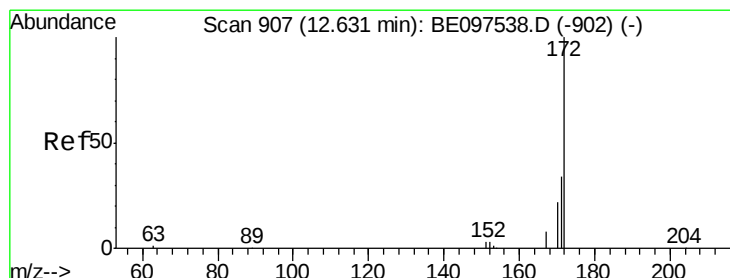
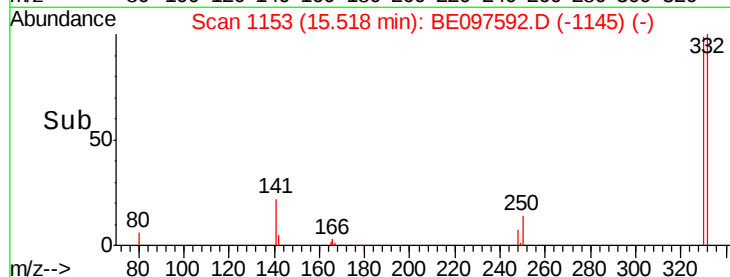
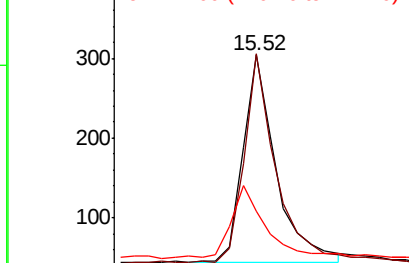
#14
 2,4,6-Tribromophenol
 Concen: 0.590 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE097592.D
 Acq: 21 Sep 2018 3:07

Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ122I-20180914

Tgt Ion: 330 Resp: 515
 Ion Ratio Lower Upper
 330 100
 332 95.9 152.7 229.1#
 141 35.0 33.7 50.5

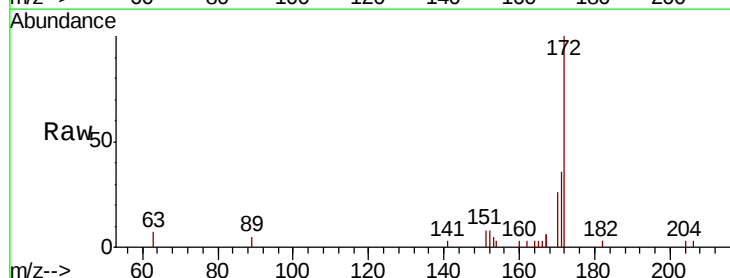


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

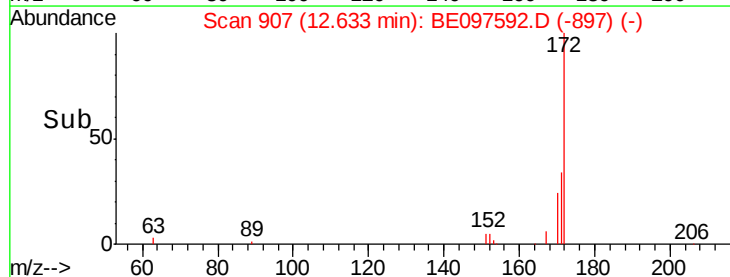
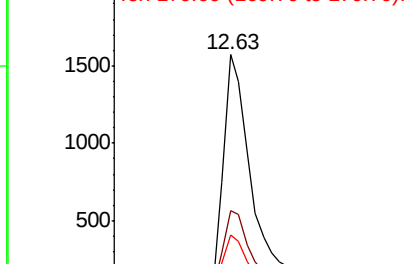


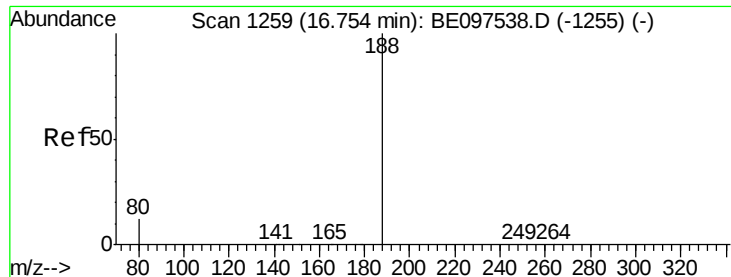
#15
 2-Fluorobiphenyl
 Concen: 0.605 ng
 RT: 12.63 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BE097592.D
 Acq: 21 Sep 2018 3:07

Tgt Ion: 172 Resp: 4491
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.9 44.9
 170 25.8 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: 16.76 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

Instrument :

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ClientSampleId :

SA-PZ122I-20180914

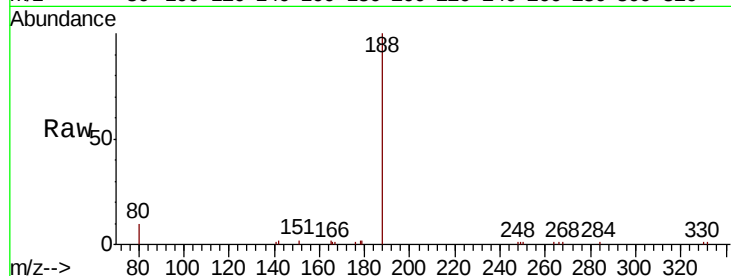
Tgt Ion:188 Resp: 6530

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

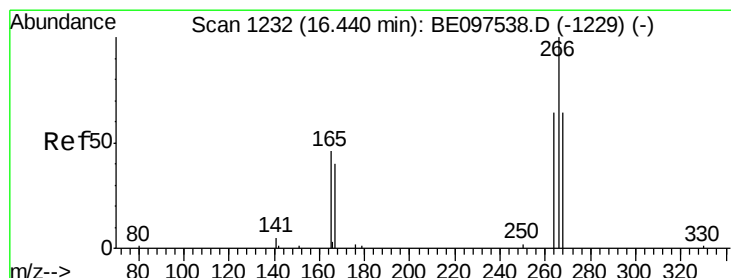
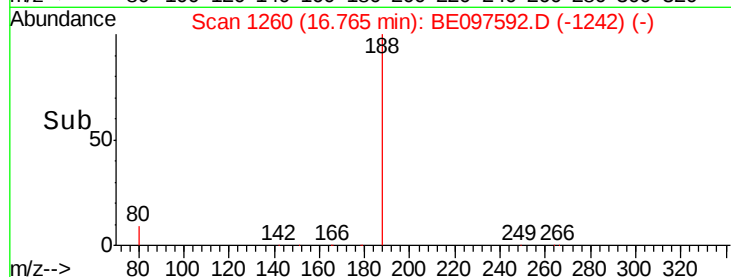
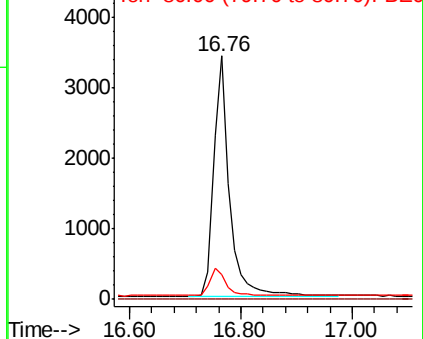
80 10.2 3.6 5.4#



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: 0.139 ng

RT: 16.46 min Scan# 1234

Delta R.T. 0.02 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

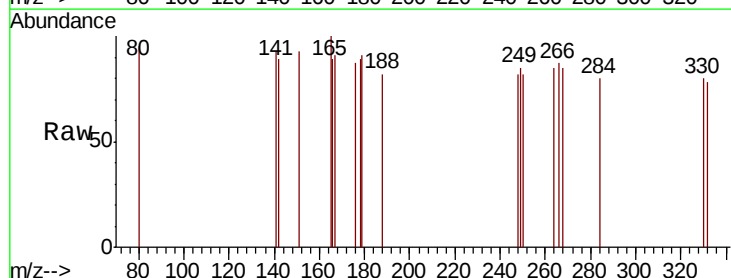
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 97.9 72.5 108.7

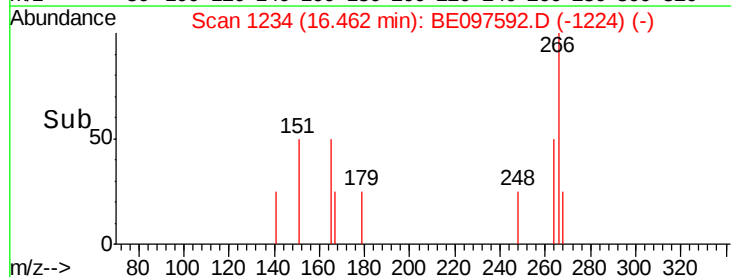
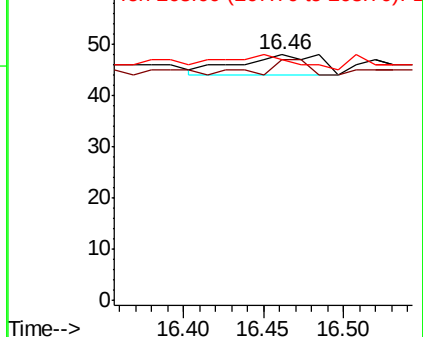
268 97.9 73.8 110.6

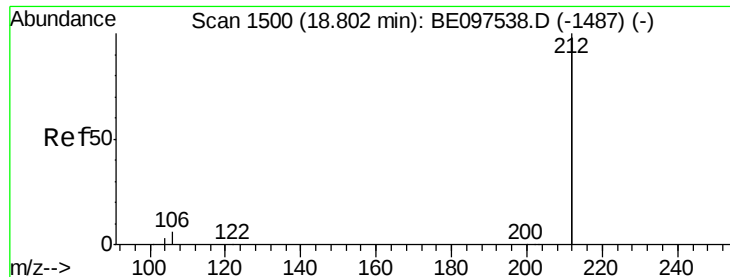


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.472 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

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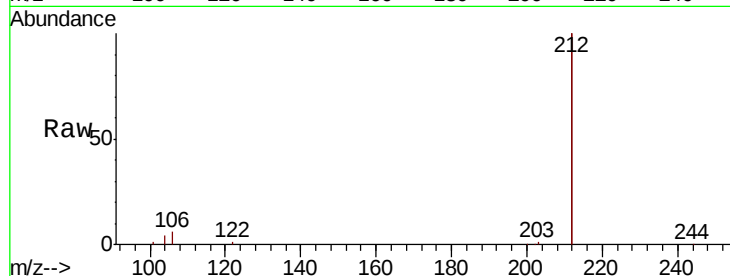
Tgt Ion:212 Resp: 39455

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

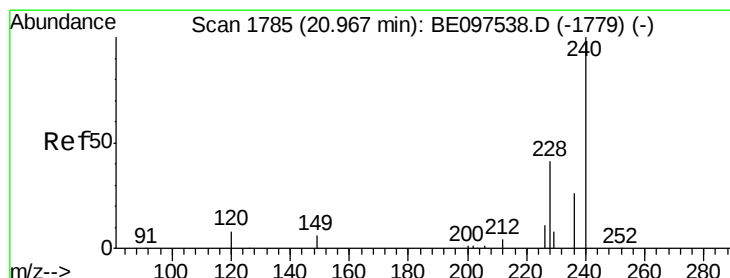
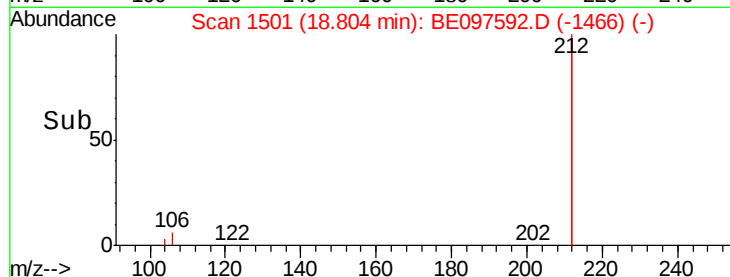
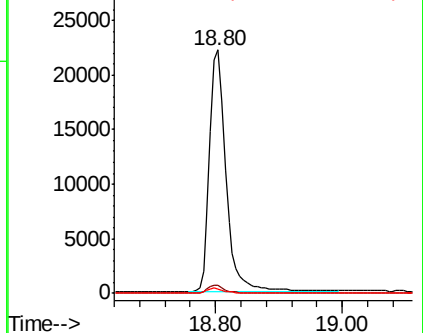
104 1.7 1.6 2.4



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# 1786

Delta R.T. -0.00 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

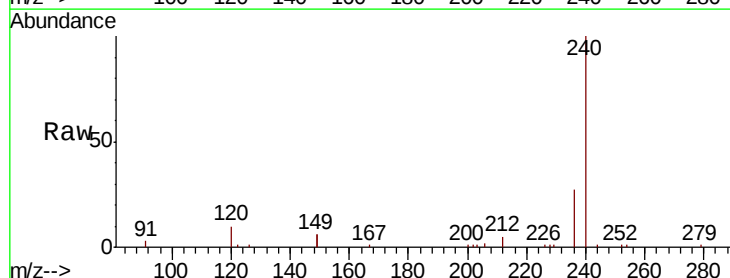
Tgt Ion:240 Resp: 8689

Ion Ratio Lower Upper

240 100

120 9.9 5.5 8.3#

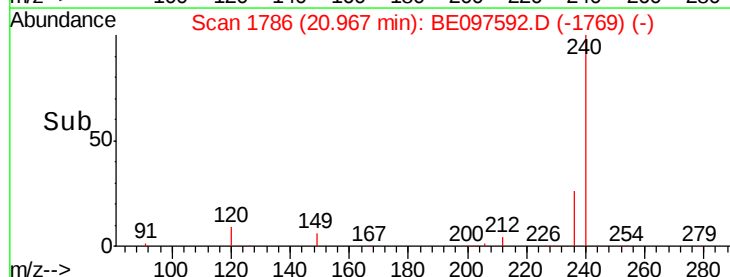
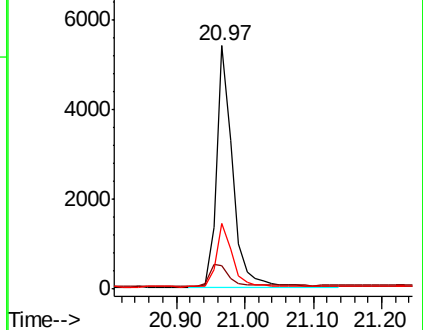
236 27.1 20.7 31.1

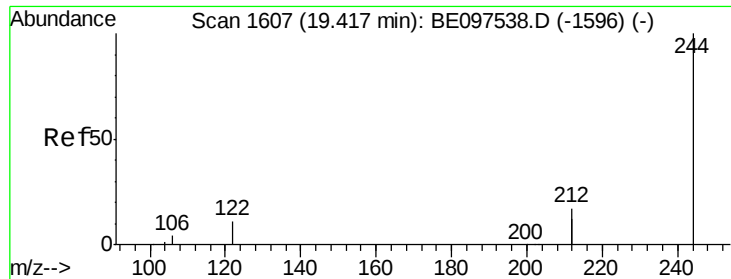


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.616 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

Instrument :

BNA_E

ClientSampleId :

SA-PZ122I-20180914

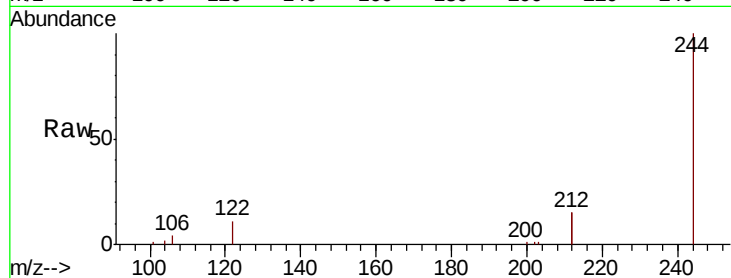
Tgt Ion:244 Resp: 9793

Ion Ratio Lower Upper

244 100

212 30.7 25.4 38.0

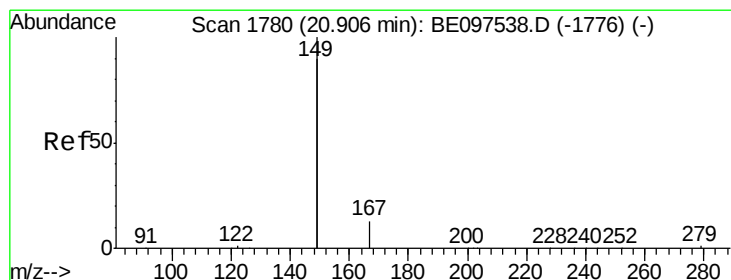
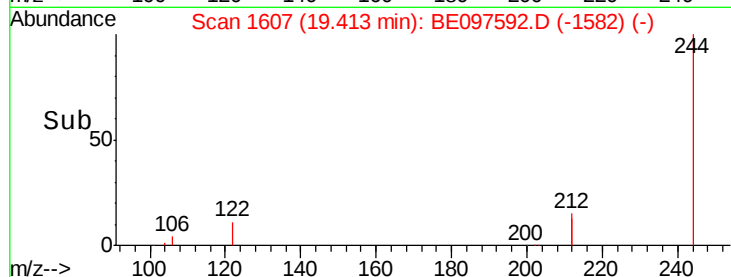
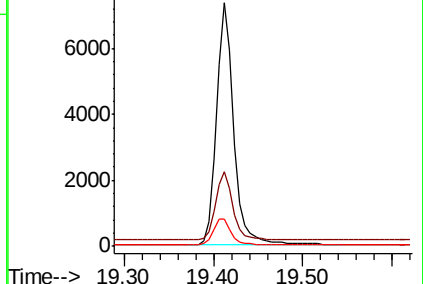
122 11.3 8.1 12.1



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: 0.041 ng

RT: 20.89 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

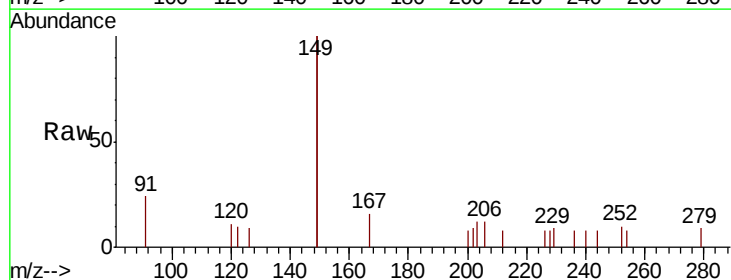
Tgt Ion:149 Resp: 1138

Ion Ratio Lower Upper

149 100

167 8.4 5.4 8.0#

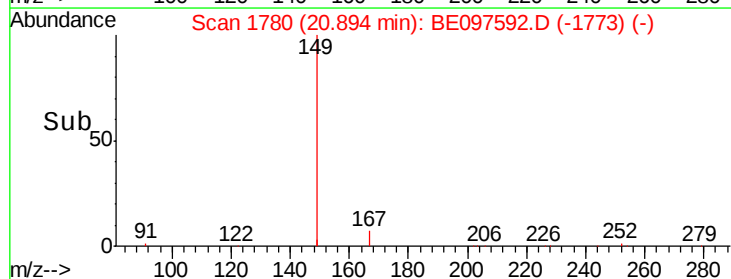
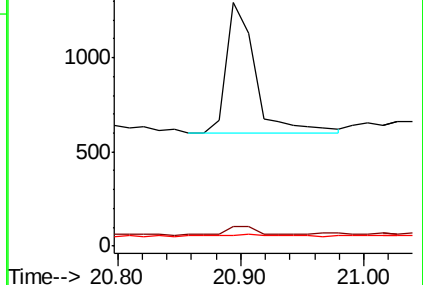
279 2.9 0.7 1.1#

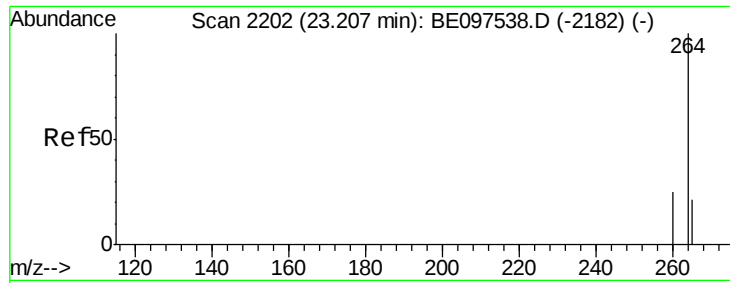


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

Instrument :

BNA_E

ClientSampleId :

SA-PZ122I-20180914

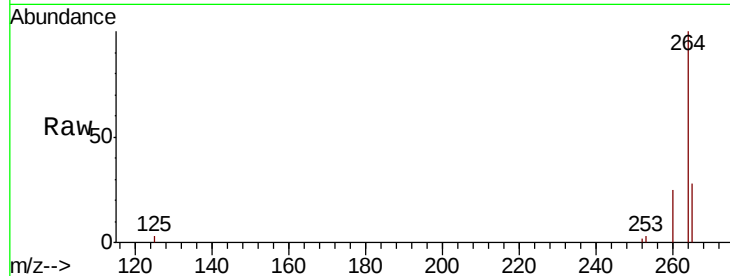
Tgt Ion:264 Resp: 8729

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

265 28.4 22.8 34.2

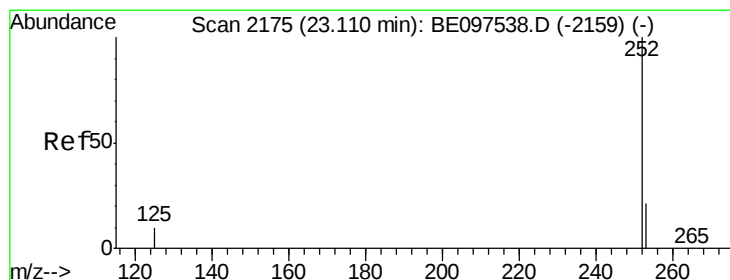
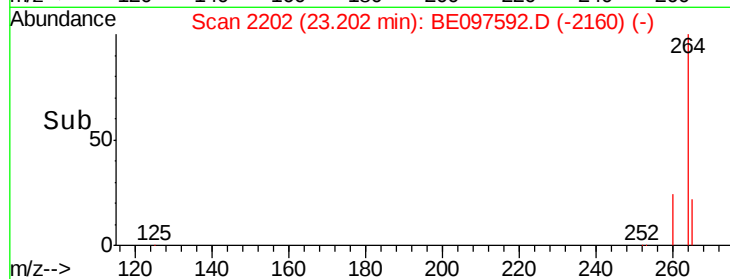
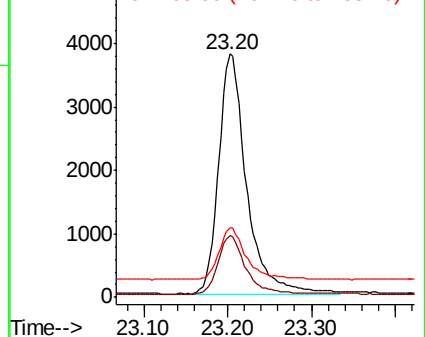


Abundance

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: 23.08 min Scan# 2168

Delta R.T. -0.03 min

Lab File: BE097592.D

Acq: 21 Sep 2018 3:07

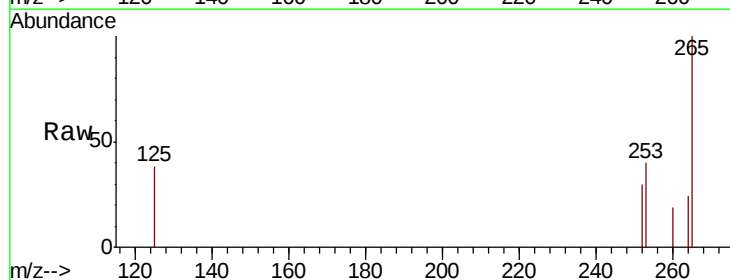
Tgt Ion:252 Resp: 5

Ion Ratio Lower Upper

252 100

253 133.3 16.0 24.0#

125 127.4 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

