

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097523.D
 Acq On : 18 Sep 2018 8:45
 Operator : SJ/JU
 Sample : J4913-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 10:46:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

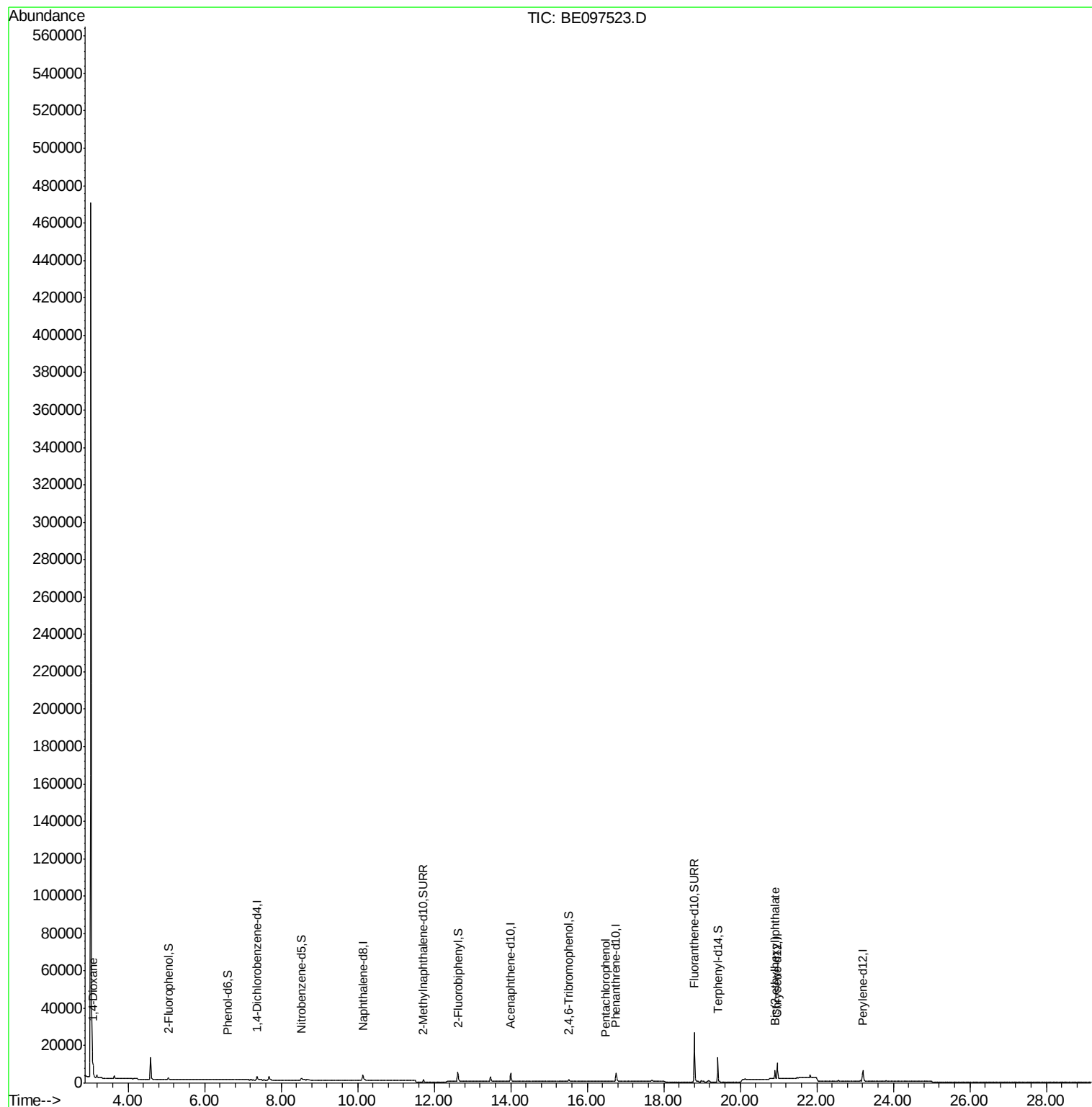
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	983	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4582	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2725	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7529	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9118	0.40	ng	0.00
34) Perylene-d12	23.20	264	9115	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	603	0.18	ng	0.00
5) Phenol-d6	6.61	99	441	0.10	ng	0.00
8) Nitrobenzene-d5	8.53	82	1495	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2745	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	658	0.46	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5642	0.59	ng	0.00
25) Fluoranthene-d10	18.80	212	39262	0.43	ng	0.00
29) Terphenyl-d14	19.41	244	11551	0.66	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	2055	1.209	ng	97
22) Pentachlorophenol	16.47	266	10	0.060	ng	98
32) Bis(2-ethylhexyl)phthalate	20.91	149	5222	0.102	ng	100

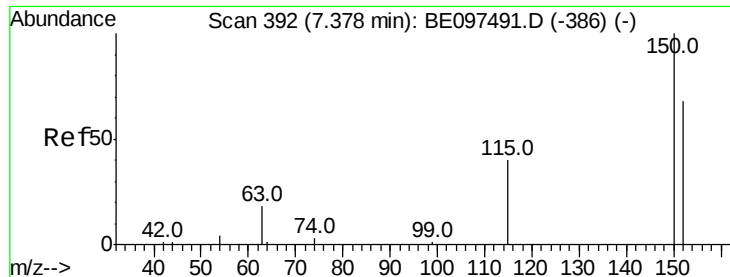
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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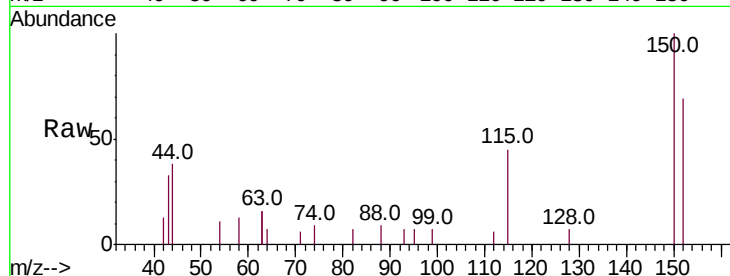


#1

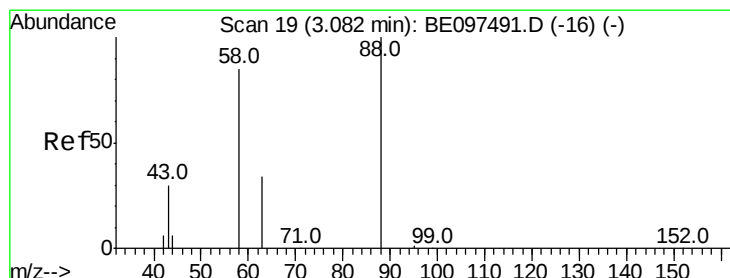
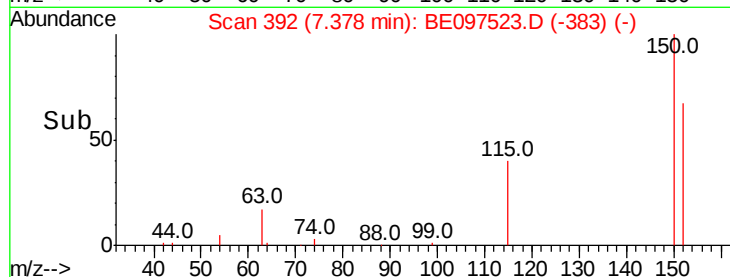
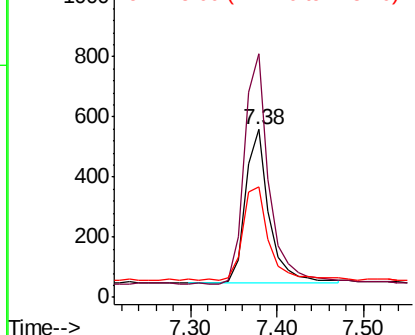
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097523.D
Acq: 18 Sep 2018 8:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 983
Ion Ratio Lower Upper
152 100
150 145.0 117.2 175.8
115 65.9 57.0 85.6



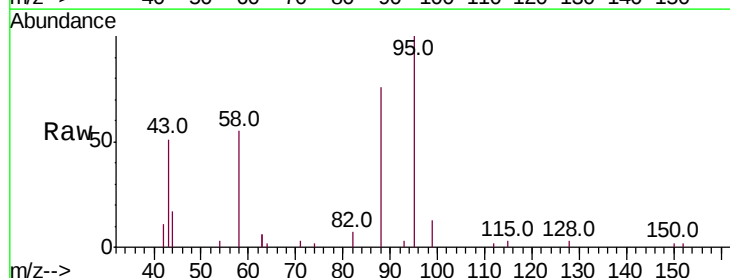
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



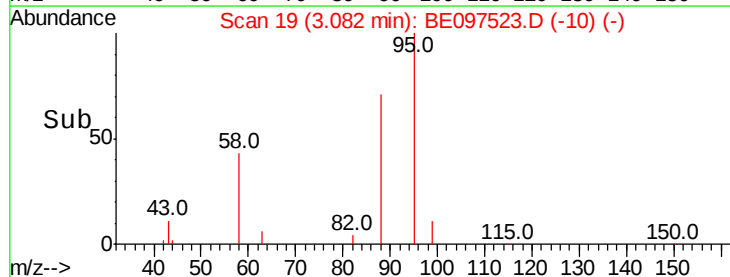
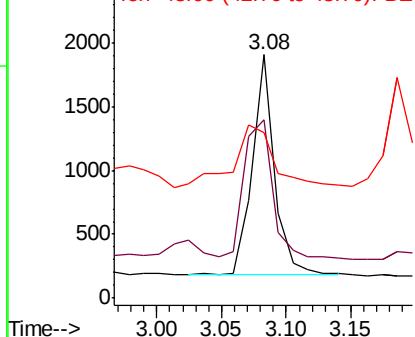
#2

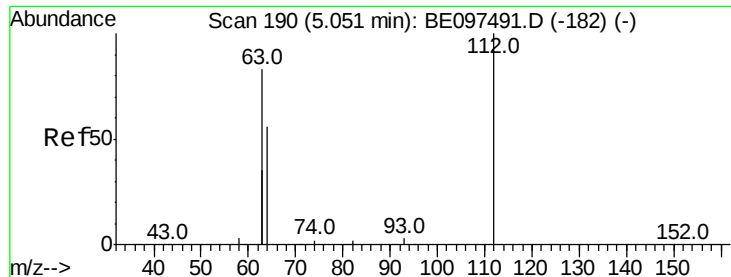
1,4-Dioxane
Concen: 1.209 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097523.D
Acq: 18 Sep 2018 8:45

Tgt Ion: 88 Resp: 2055
Ion Ratio Lower Upper
88 100
58 80.4 63.2 94.8
43 54.4 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





#4

2-Fluorophenol

Concen: 0.181 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

Instrument :

BNA_E

ClientSampleId :

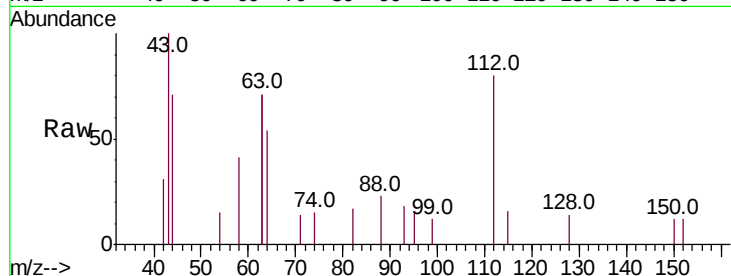
Tot Ion:112 Resp: 603

Ion Ratio Lower Upper

112 100

64 68.0 60.1 90.1

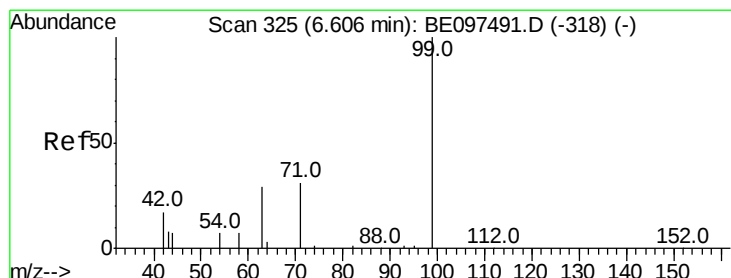
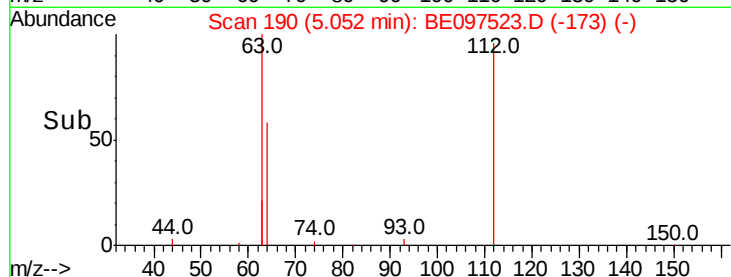
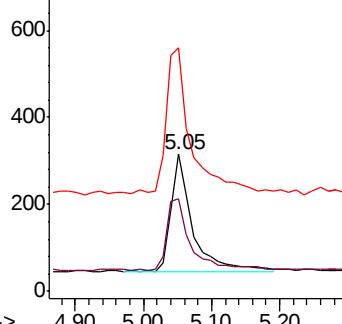
63 139.6 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.104 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

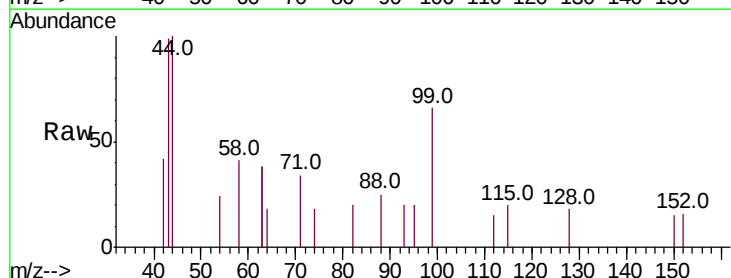
Tgt Ion: 99 Resp: 441

Ion Ratio Lower Upper

99 100

42 22.7 20.2 30.2

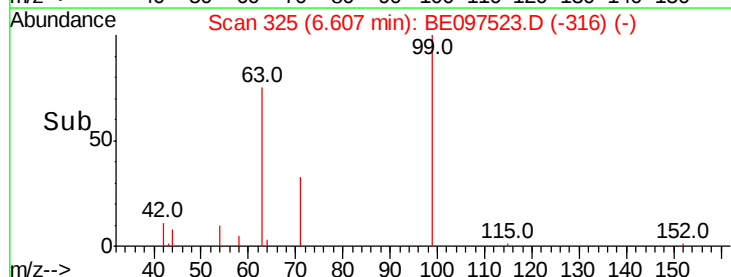
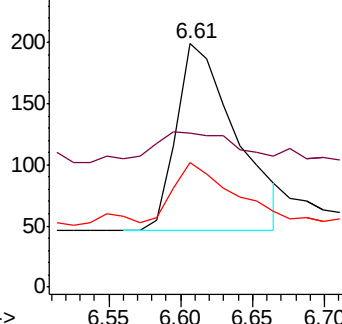
71 30.8 28.4 42.6

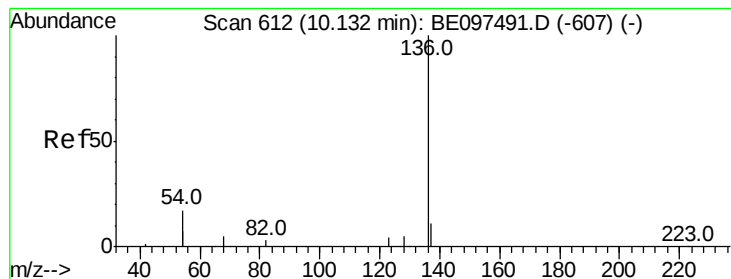


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4582

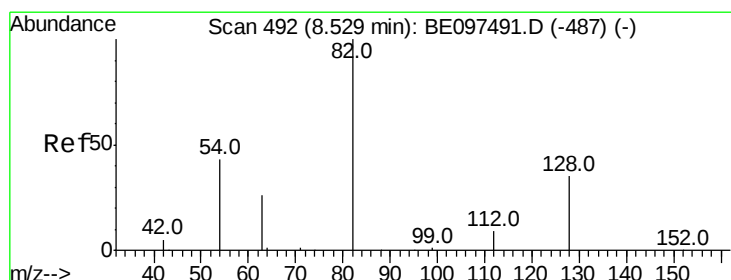
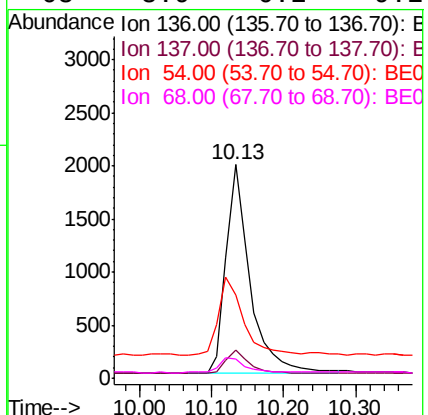
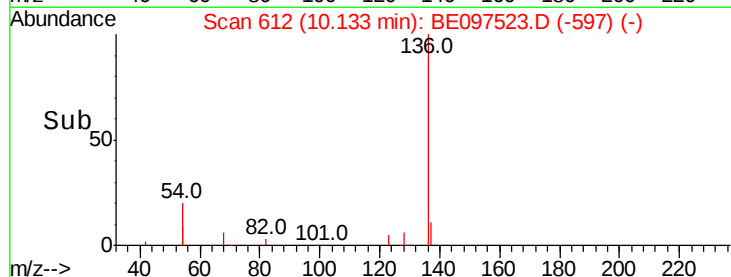
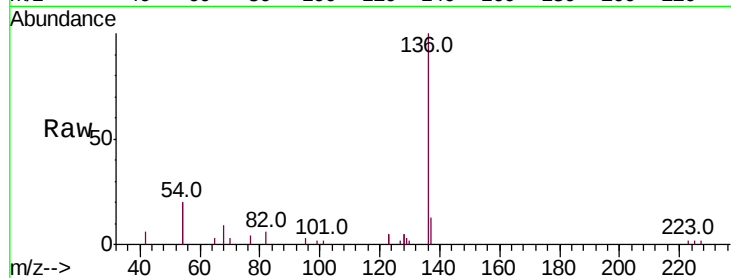
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 39.3 29.1 43.7

68 8.9 6.2 9.2



#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

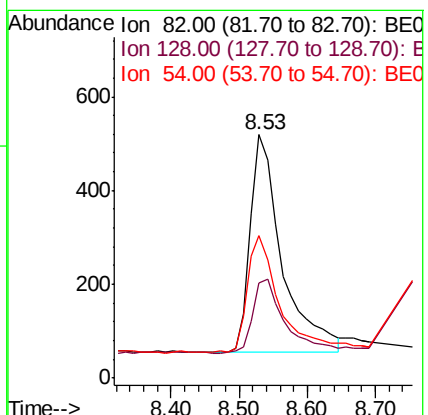
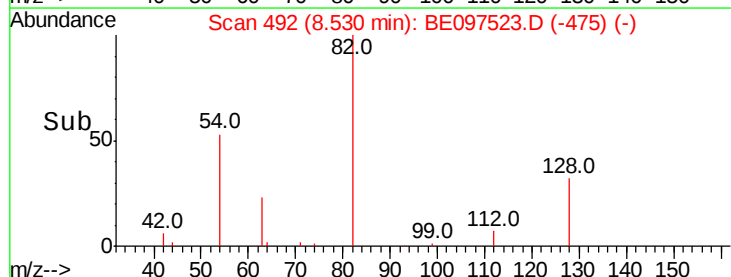
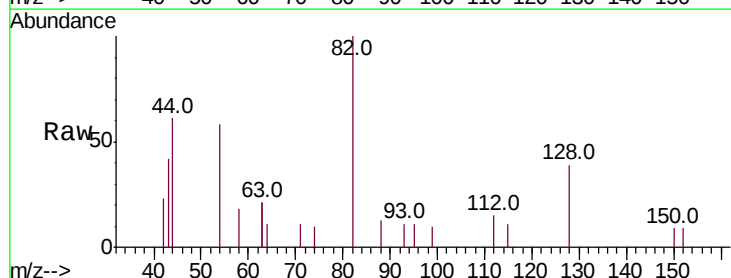
Tgt Ion: 82 Resp: 1495

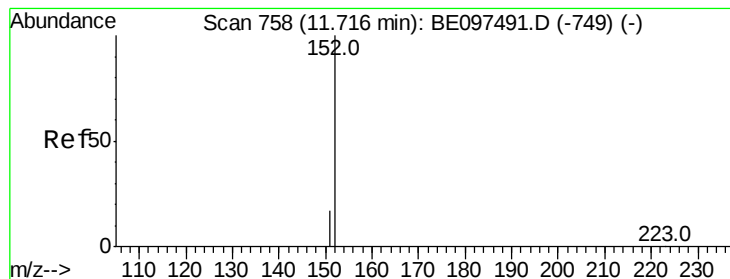
Ion Ratio Lower Upper

82 100

128 39.1 24.0 36.0#

54 58.4 40.0 60.0





#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

Instrument :

BNA_E

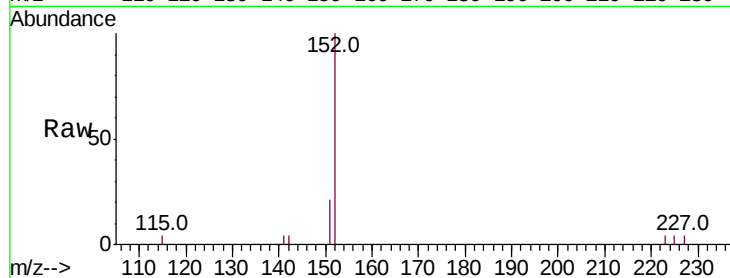
ClientSampled :

Tot Ion:152 Resp: 2745

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

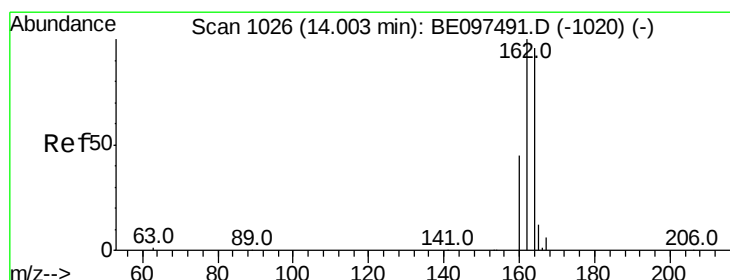
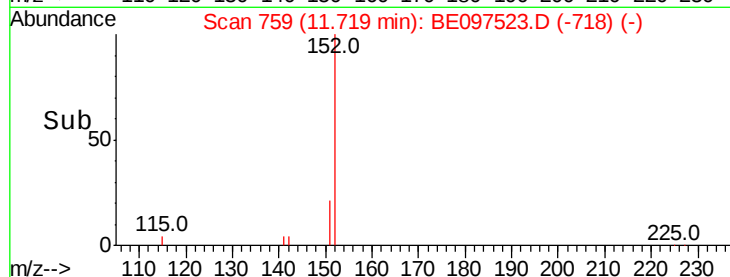
11.72

1000

500

0

Time--> 11.60 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

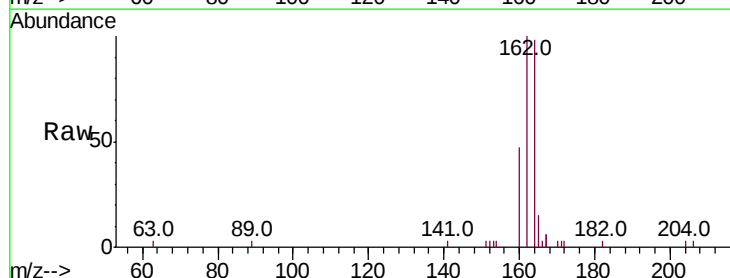
Tgt Ion:164 Resp: 2725

Ion Ratio Lower Upper

164 100

162 101.6 83.1 124.7

160 48.1 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

14.00

2000

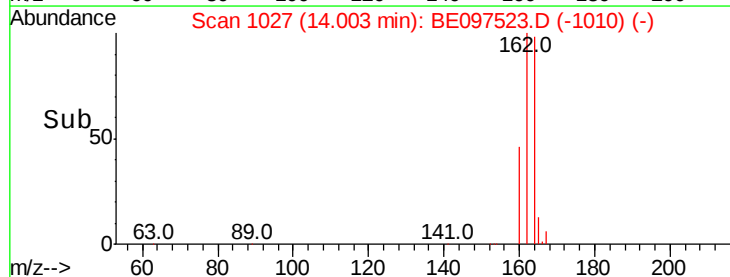
1500

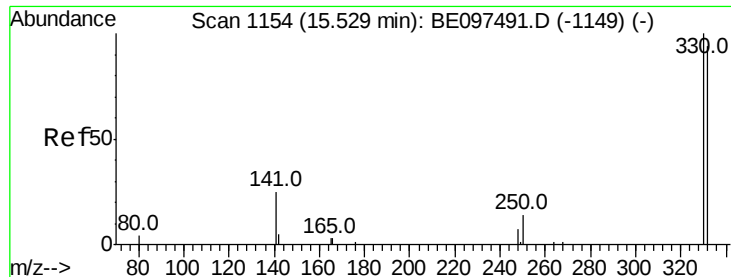
1000

500

0

Time--> 13.80 14.00 14.20

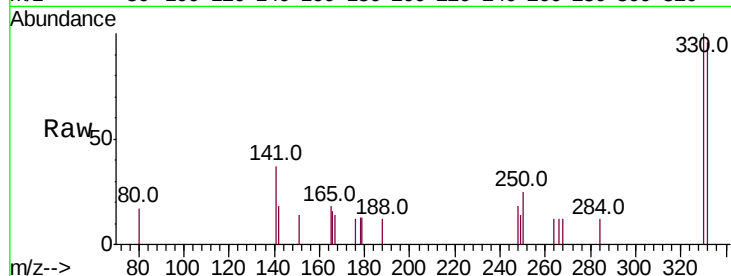




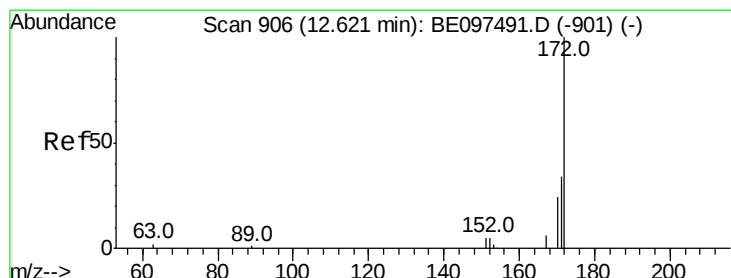
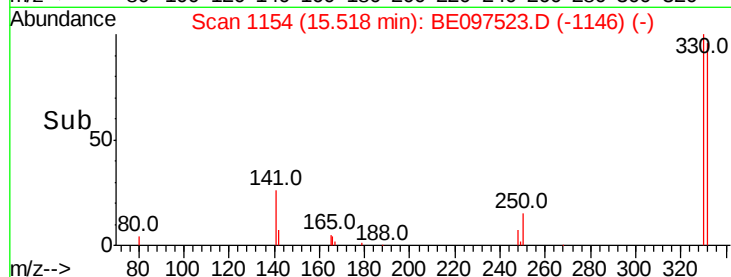
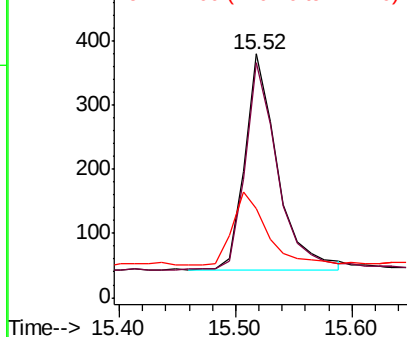
#14
 2,4,6-Tribromophenol
 Concen: 0.457 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BE097523.D
 Acq: 18 Sep 2018 8:45

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 658
 Ion Ratio Lower Upper
 330 100
 332 95.3 152.7 229.1#
 141 35.9 33.7 50.5

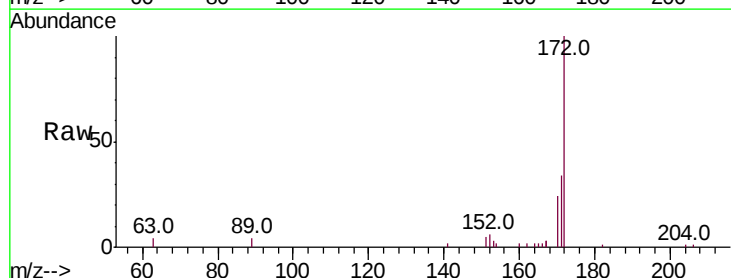


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

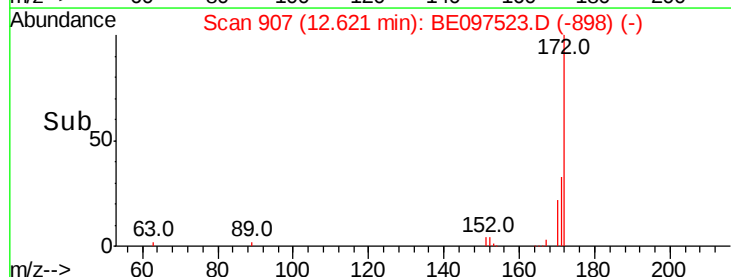
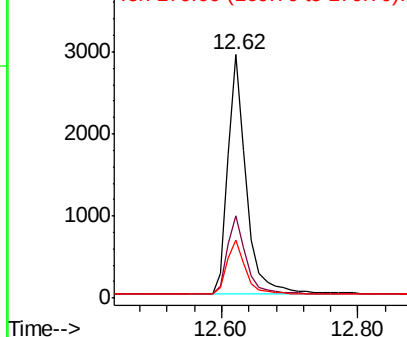


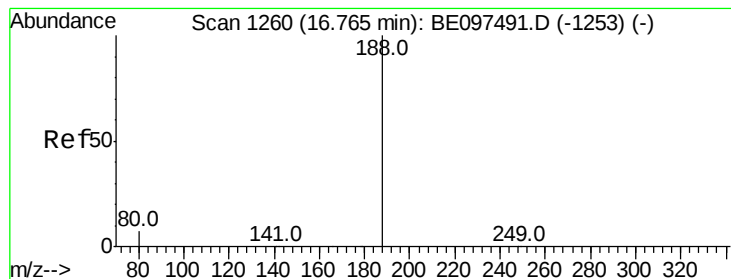
#15
 2-Fluorobiphenyl
 Concen: 0.593 ng
 RT: 12.62 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097523.D
 Acq: 18 Sep 2018 8:45

Tgt Ion:172 Resp: 5642
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.9 44.9
 170 23.6 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: 16.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

Instrument :

BNA_E

ClientSampled :

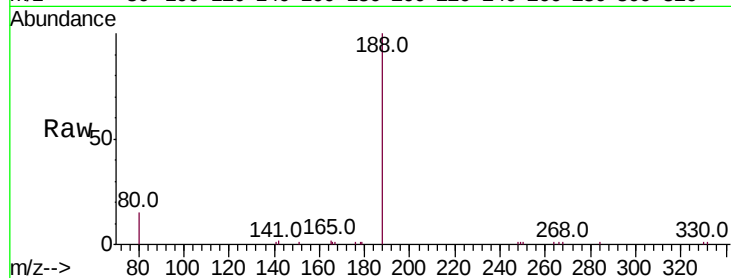
Tot Ion:188 Resp: 7529

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

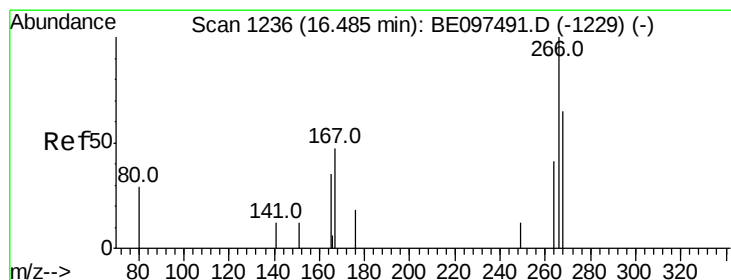
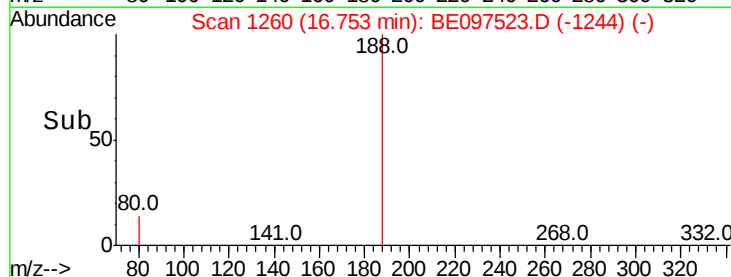
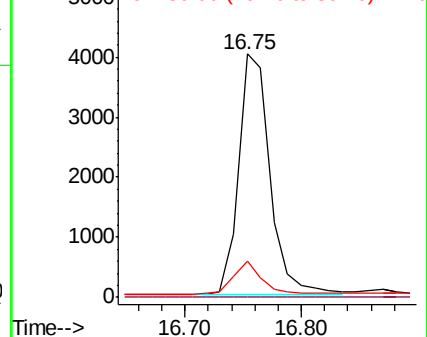
80 15.0 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.060 ng

RT: 16.47 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

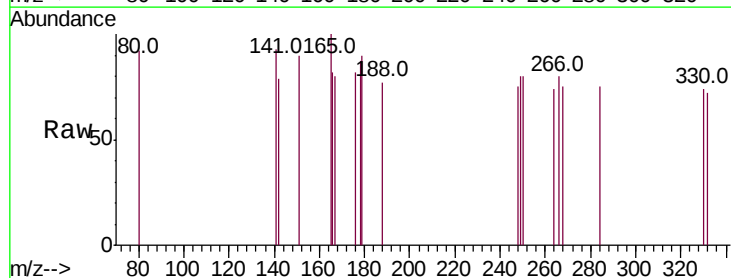
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 91.8 72.5 108.7

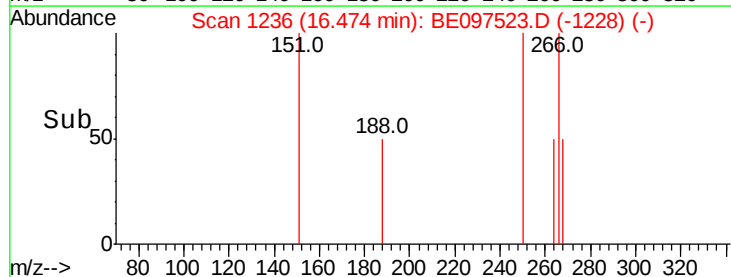
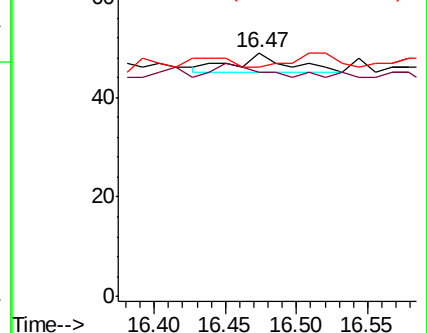
268 93.9 73.8 110.6

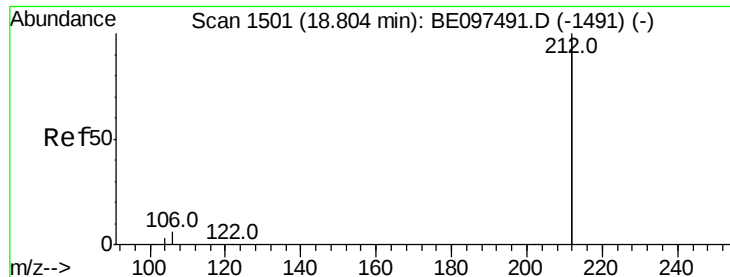


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.434 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

Instrument :

BNA_E

ClientSampleId :

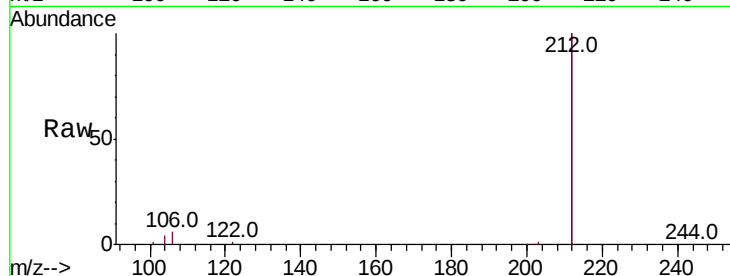
Tot Ion:212 Resp: 39262

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

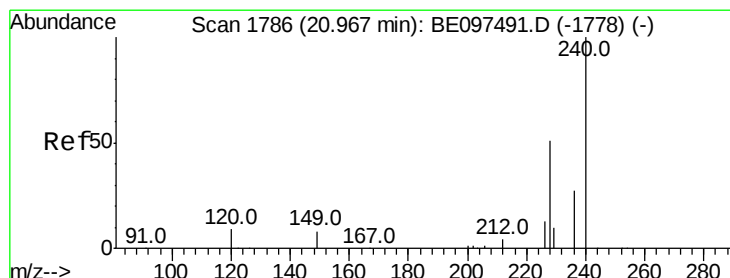
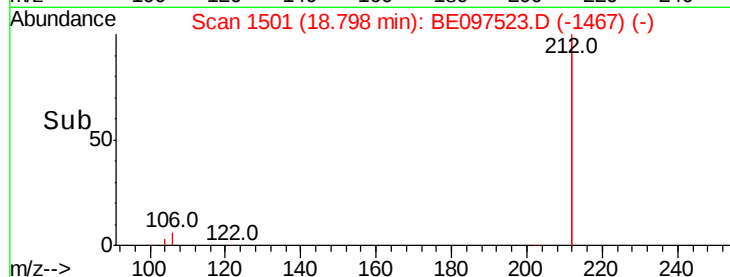
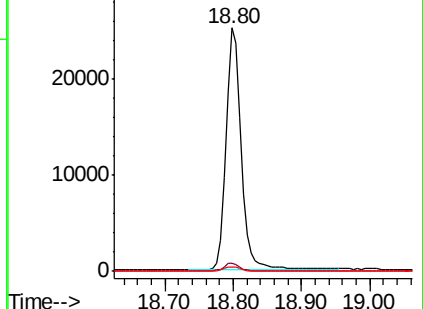
104 1.7 1.6 2.4



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# 1787

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

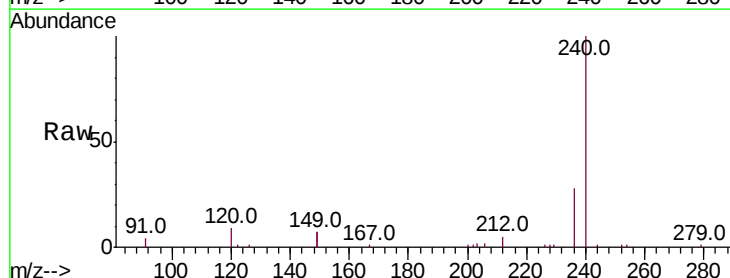
Tgt Ion:240 Resp: 9118

Ion Ratio Lower Upper

240 100

120 8.7 5.5 8.3#

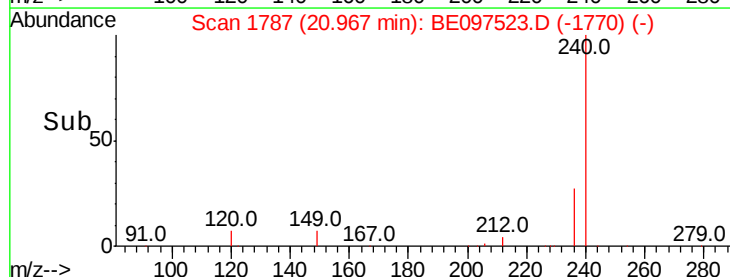
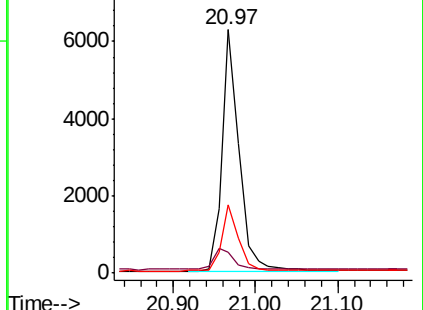
236 27.8 20.7 31.1

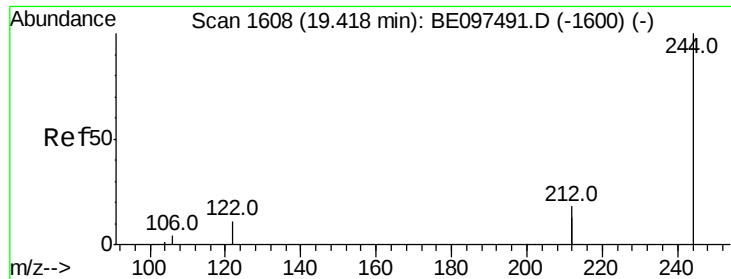


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.662 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

Instrument :

BNA_E

ClientSampleId :

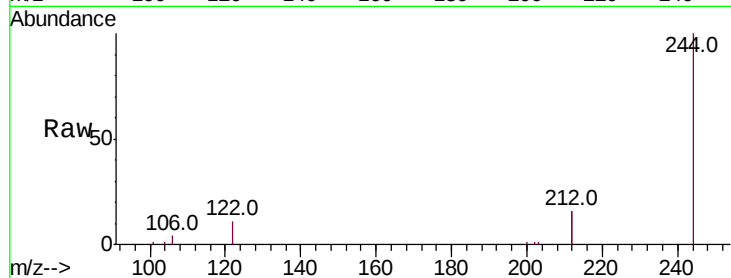
Tot Ion:244 Resp: 11551

Ion Ratio Lower Upper

244 100

212 31.7 25.4 38.0

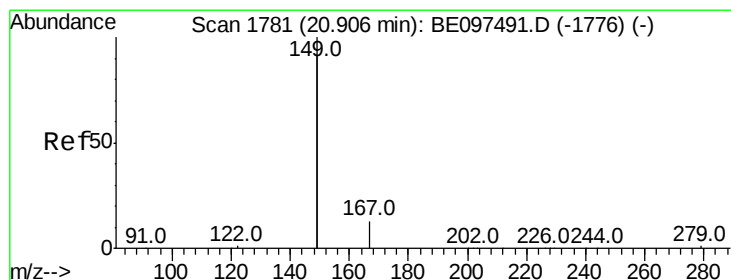
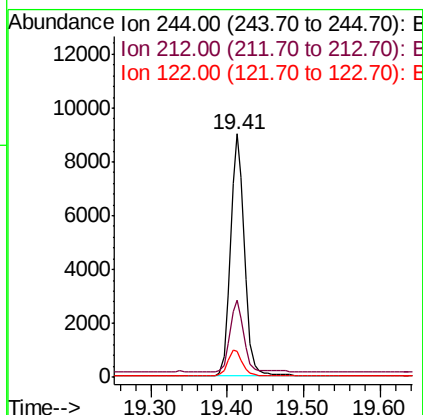
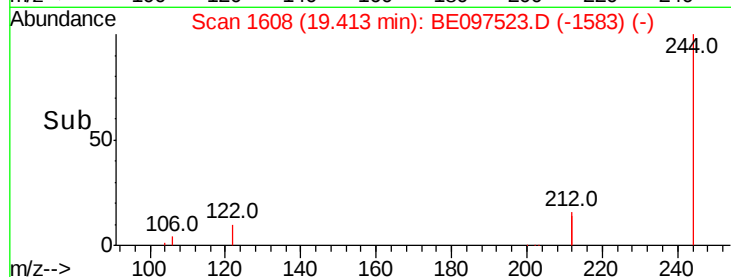
122 10.7 8.1 12.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.102 ng

RT: 20.91 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

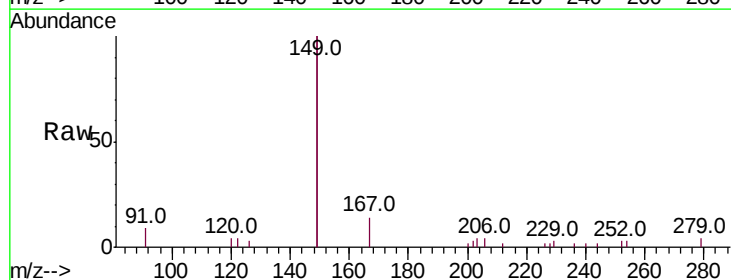
Tgt Ion:149 Resp: 5222

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

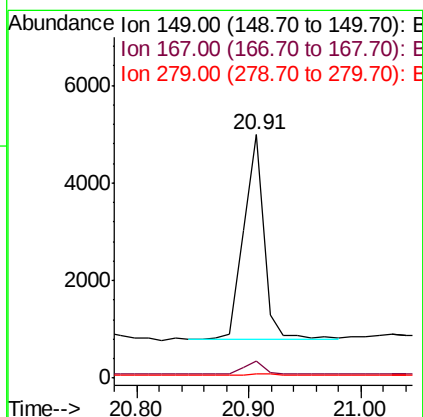
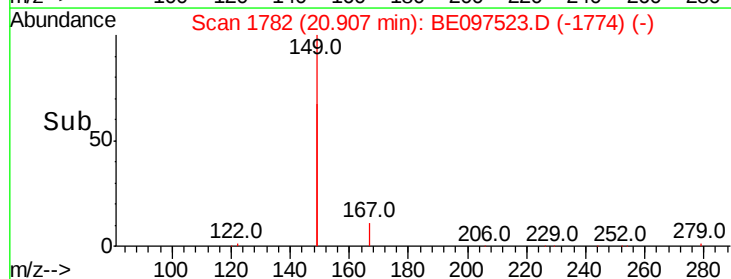
279 1.1 0.7 1.1

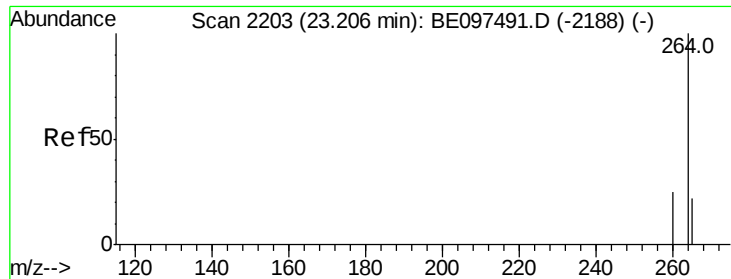


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

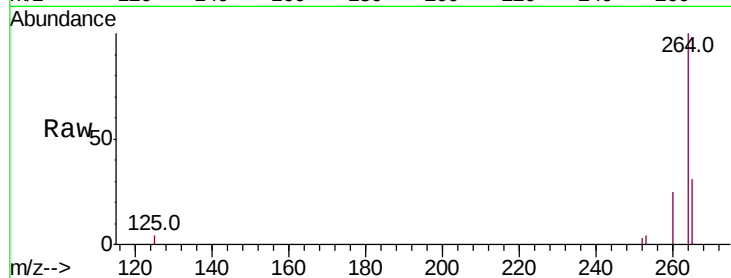




#34
Pervlone-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097523.D
Acq: 18 Sep 2018 8:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 9115
Ion Ratio Lower Upper
264 100
260 24.9 20.5 30.7
265 31.1 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

