

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097532.D
 Acq On : 18 Sep 2018 14:19
 Operator : SJ/JU
 Sample : J4913-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 16:11:35 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

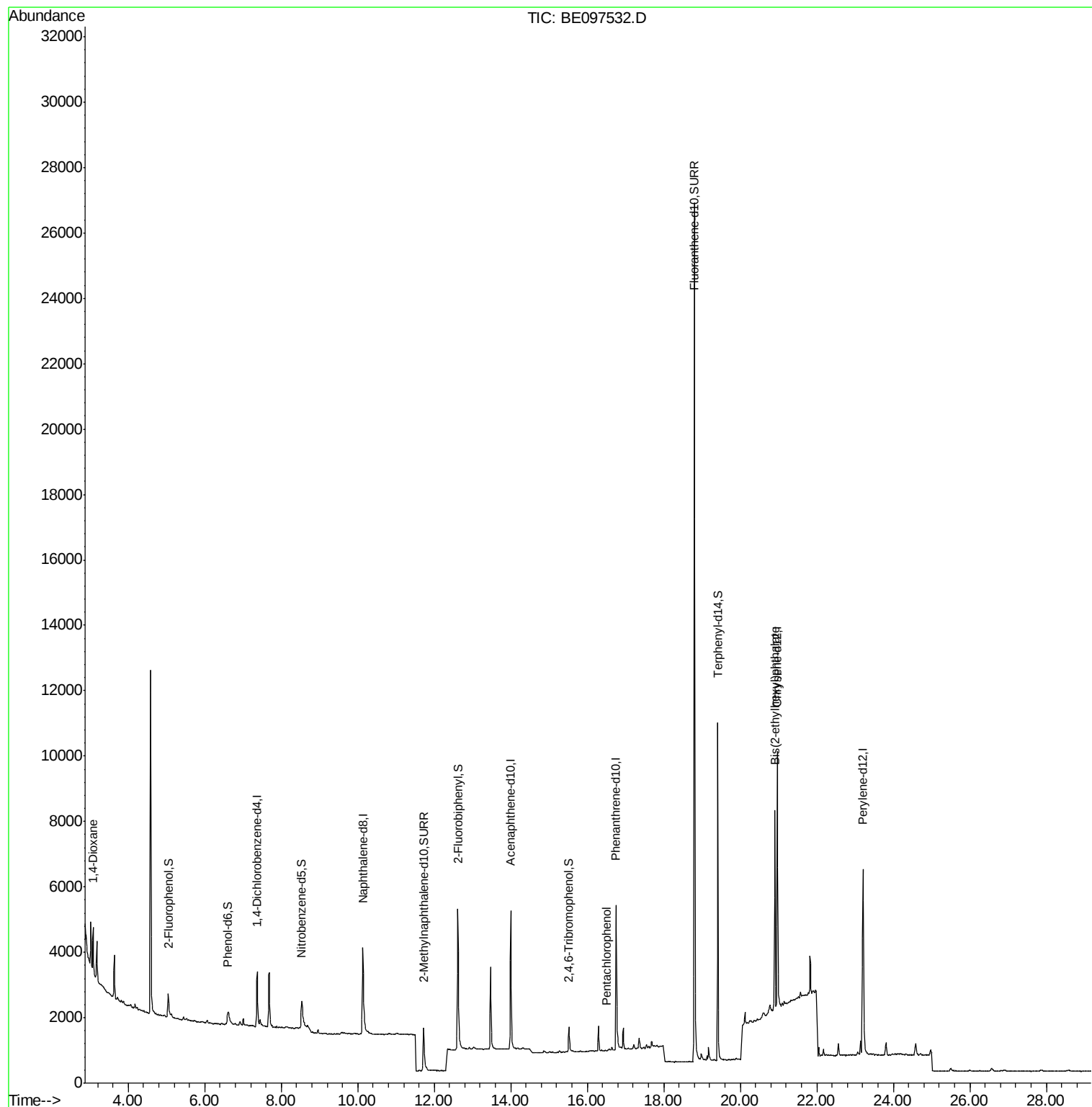
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	941	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4348	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2656	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7414	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	8538	0.40	ng	0.00
34) Perylene-d12	23.21	264	8685	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	555	0.17	ng	0.00
5) Phenol-d6	6.61	99	421	0.10	ng	0.00
8) Nitrobenzene-d5	8.53	82	1474	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2703	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	555	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5051	0.54	ng	0.00
25) Fluoranthene-d10	18.80	212	38786	0.44	ng	0.00
29) Terphenyl-d14	19.41	244	8892	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	927	0.570	ng	96
22) Pentachlorophenol	16.50	266	4	0.047	ng	93
32) Bis(2-ethylhexyl)phthalate	20.91	149	7535	0.158	ng	# 100

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

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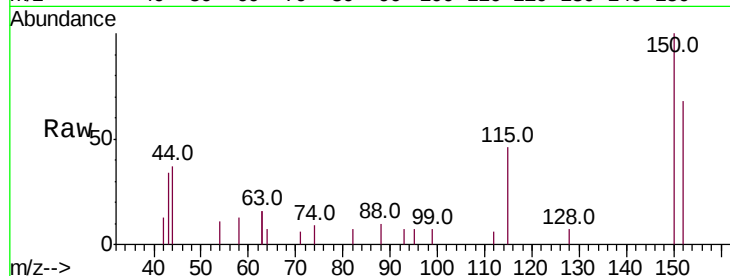


#1

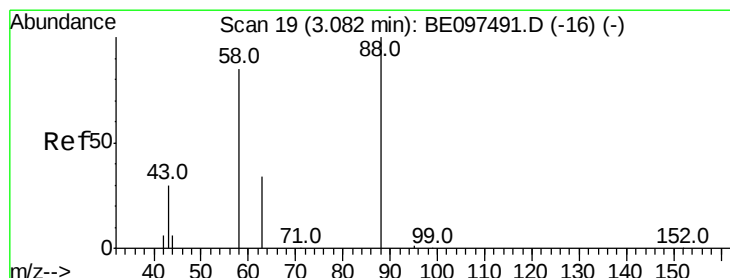
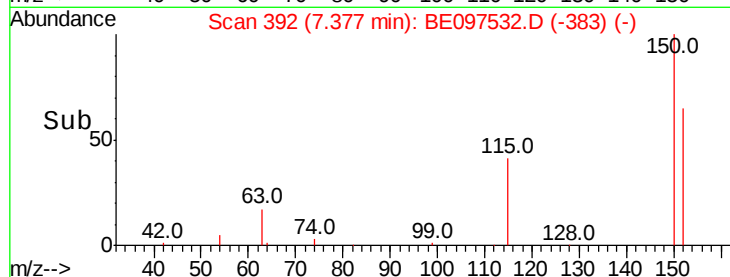
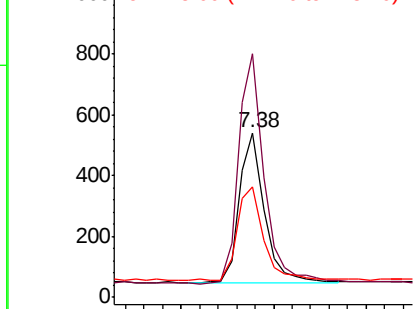
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097532.D
Acq: 18 Sep 2018 14:19

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 941
Ion Ratio Lower Upper
152 100
150 147.8 117.2 175.8
115 67.3 57.0 85.6



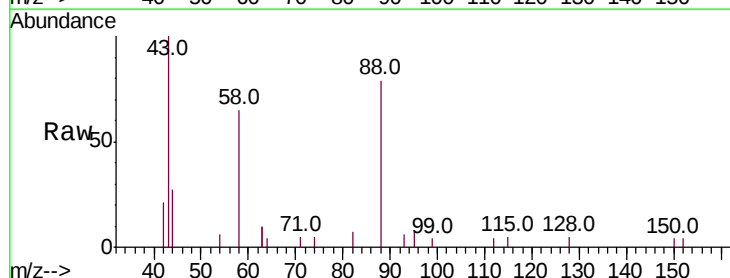
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



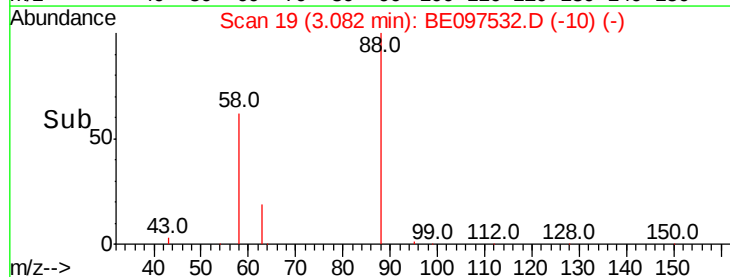
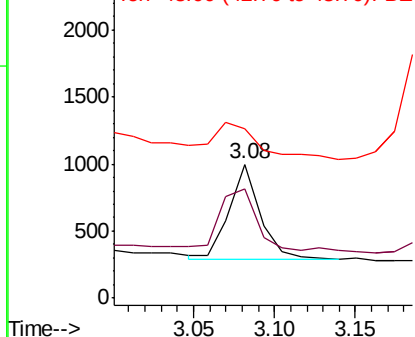
#2

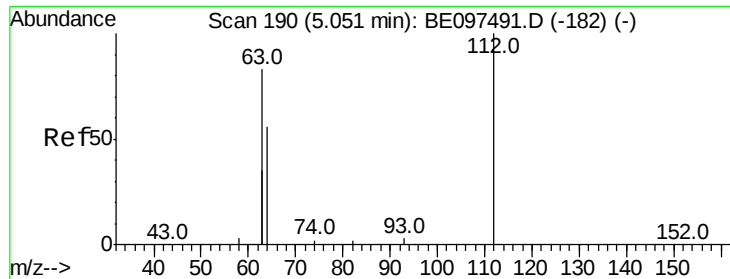
1,4-Dioxane
Concen: 0.570 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097532.D
Acq: 18 Sep 2018 14:19

Tgt Ion: 88 Resp: 927
Ion Ratio Lower Upper
88 100
58 77.3 63.2 94.8
43 57.3 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: 0.174 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097532.D

Acq: 18 Sep 2018 14:19

Instrument :

BNA_E

ClientSampleId :

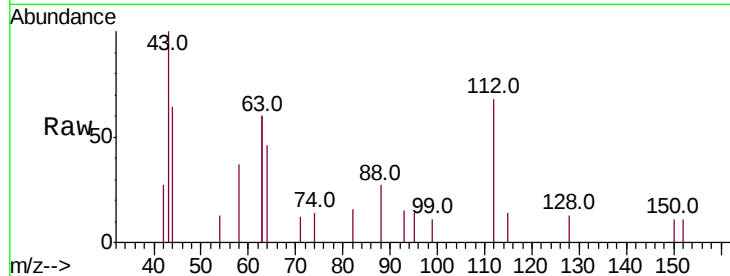
Tot Ion: 112 Resp: 555

Ion Ratio Lower Upper

112 100

64 66.3 60.1 90.1

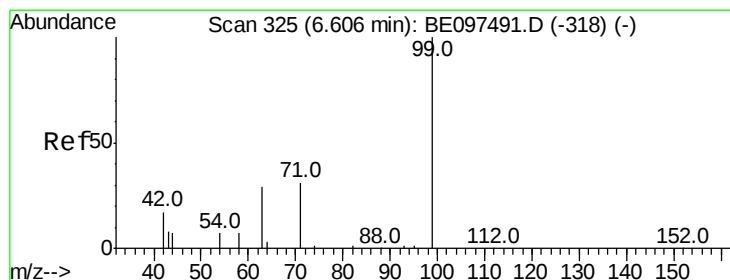
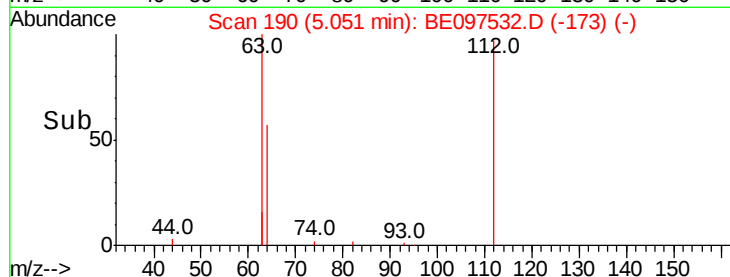
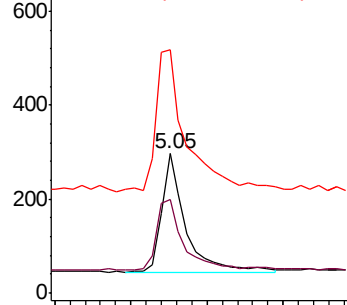
63 154.4 116.8 175.2



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: BE097532.D

Acq: 18 Sep 2018 14:19

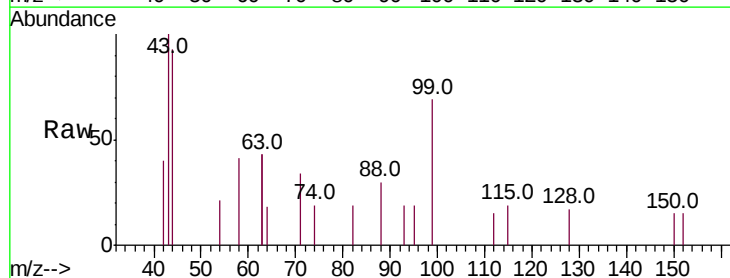
Tgt Ion: 99 Resp: 421

Ion Ratio Lower Upper

99 100

42 17.3 20.2 30.2#

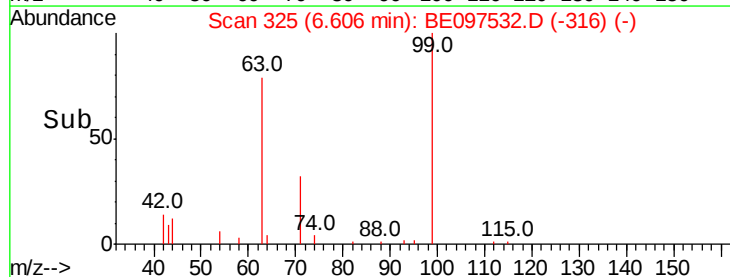
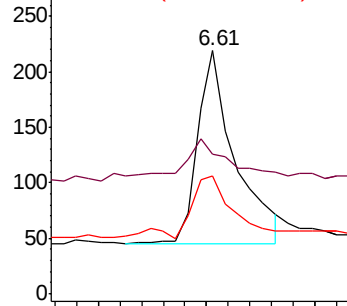
71 33.7 28.4 42.6

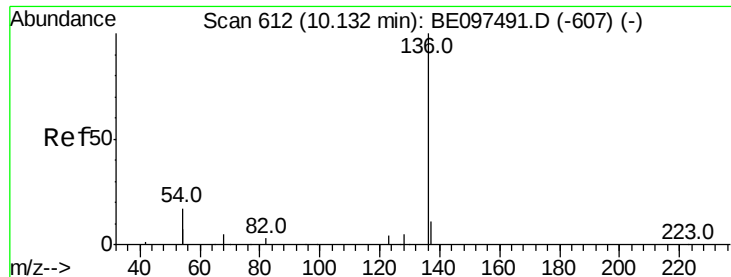


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097532.D

Acq: 18 Sep 2018 14:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4348

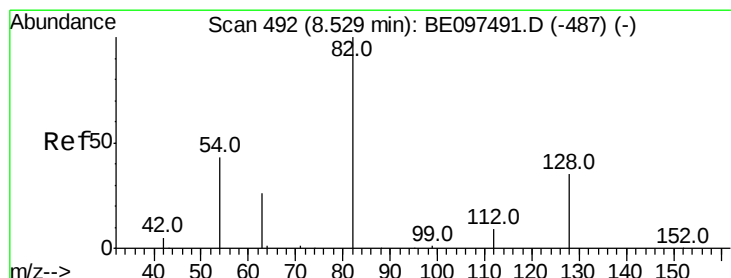
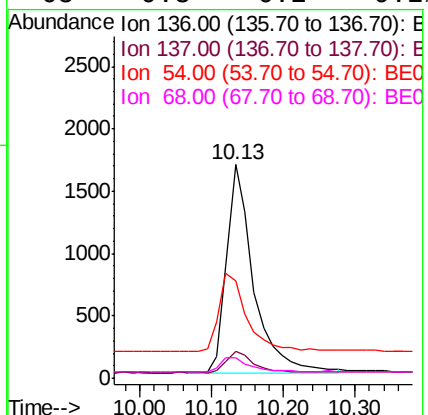
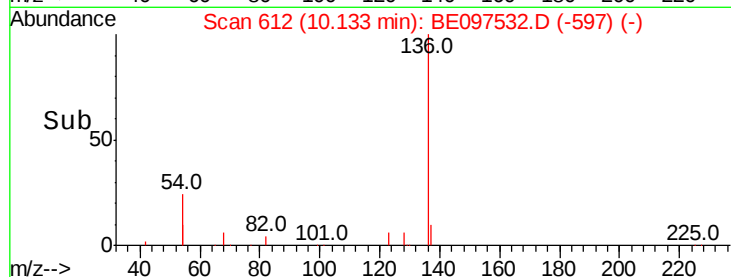
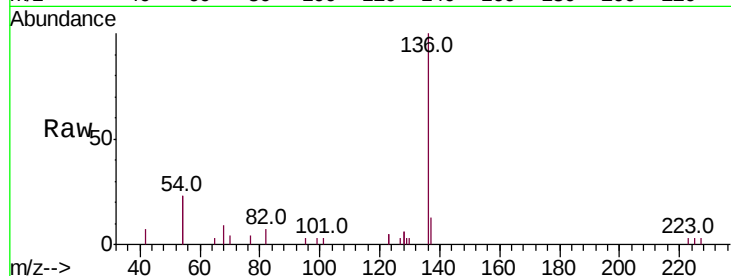
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 45.8 29.1 43.7#

68 9.3 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.421 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097532.D

Acq: 18 Sep 2018 14:19

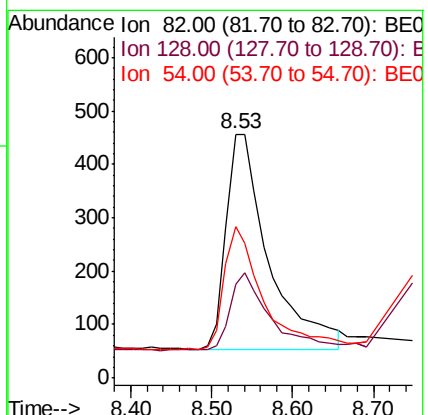
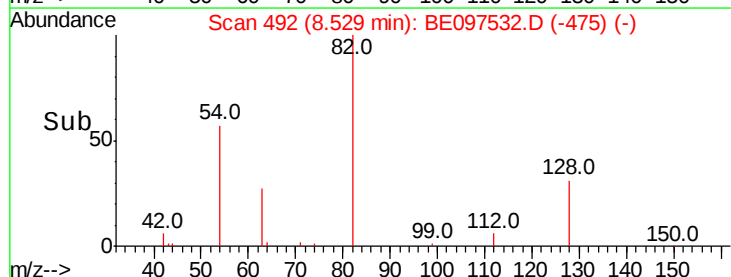
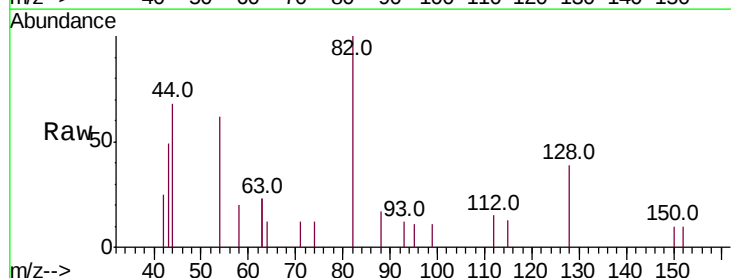
Tgt Ion: 82 Resp: 1474

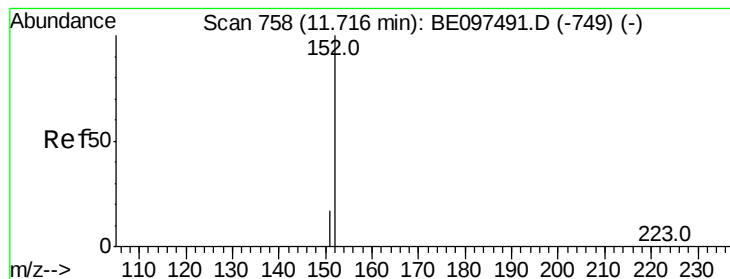
Ion Ratio Lower Upper

82 100

128 38.6 24.0 36.0#

54 62.3 40.0 60.0#





#11

2-Methylnaphthalene-d10

Concen: 0.435 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097532.D

Acq: 18 Sep 2018 14:19

Instrument :

BNA_E

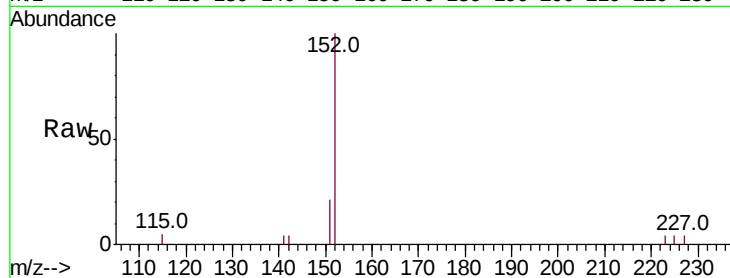
ClientSampled :

Tot Ion:152 Resp: 2703

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

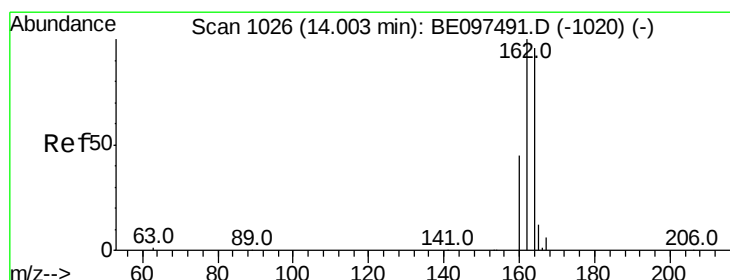
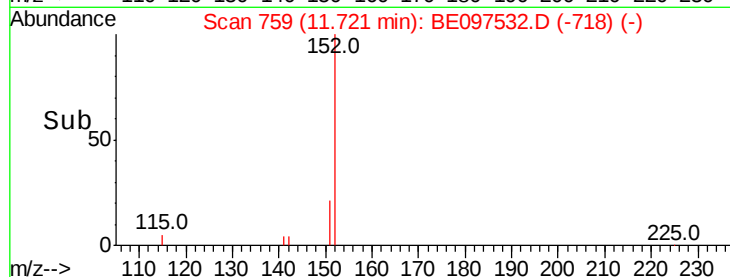
11.72

1000

500

0

Time--> 11.60 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE097532.D

Acq: 18 Sep 2018 14:19

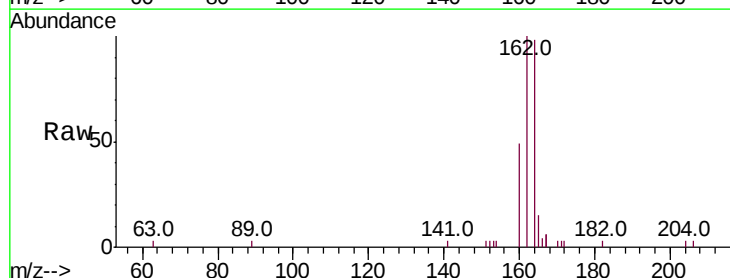
Tgt Ion:164 Resp: 2656

Ion Ratio Lower Upper

164 100

162 101.8 83.1 124.7

160 49.5 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

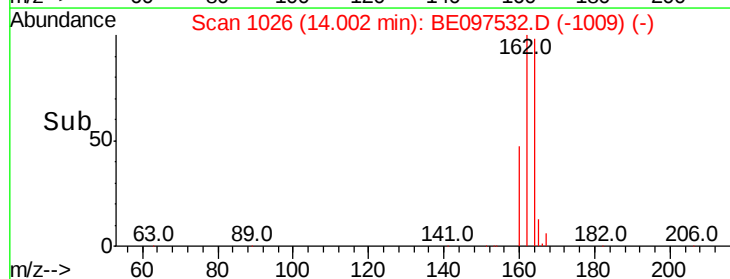
1500

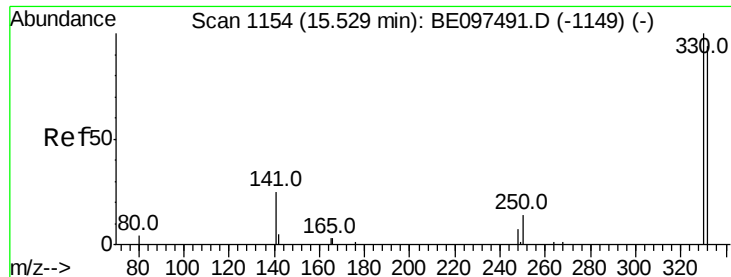
1000

500

0

Time--> 13.80 14.00 14.20

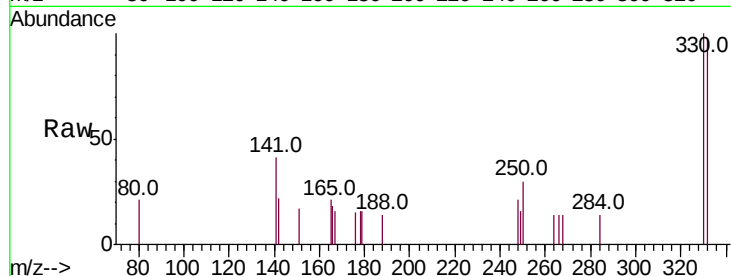




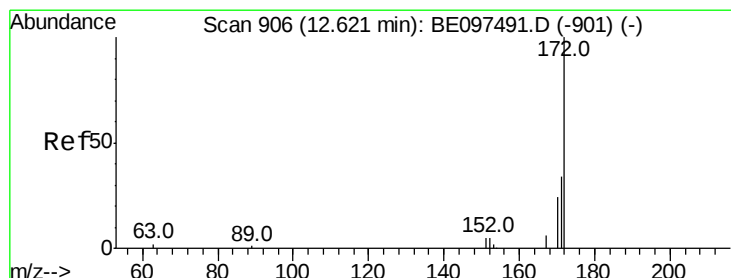
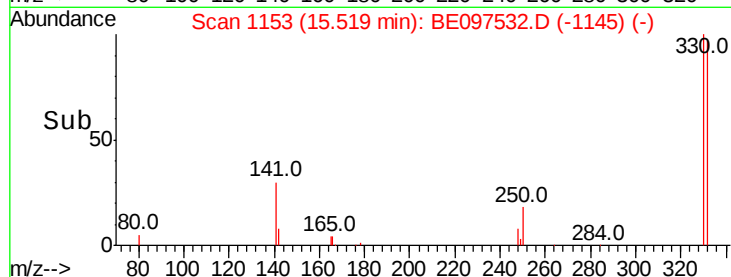
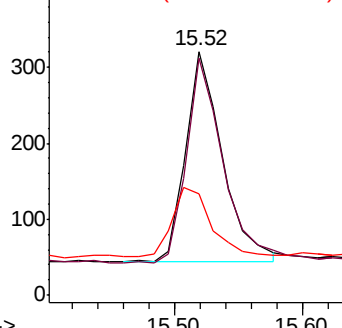
#14
 2,4,6-Tribromophenol
 Concen: 0.396 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BE097532.D
 Acq: 18 Sep 2018 14:19

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 555
 Ion Ratio Lower Upper
 330 100
 332 96.9 152.7 229.1#
 141 35.9 33.7 50.5

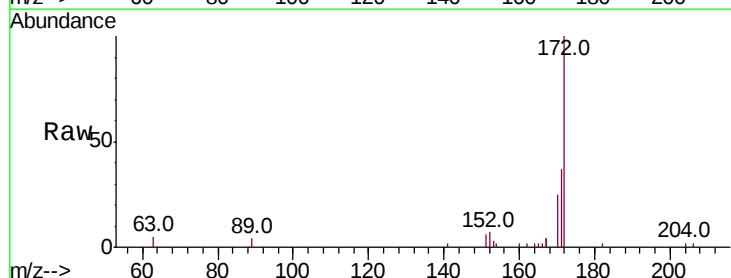


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

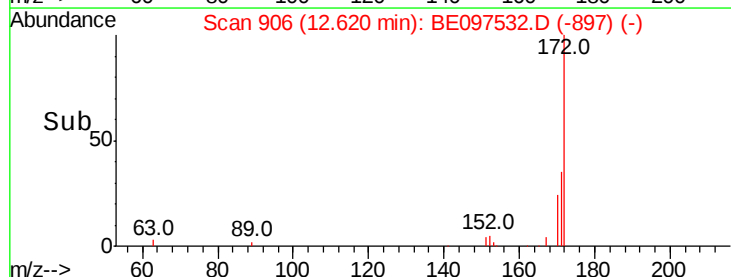
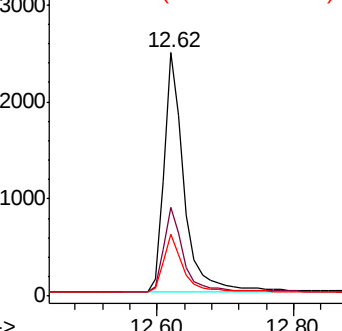


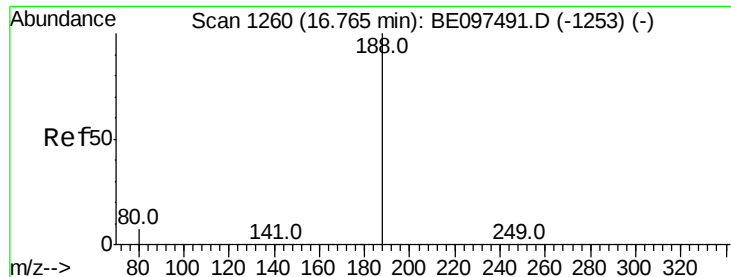
#15
 2-Fluorobiphenyl
 Concen: 0.545 ng
 RT: 12.62 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BE097532.D
 Acq: 18 Sep 2018 14:19

Tgt Ion:172 Resp: 5051
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.9 44.9
 170 25.3 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# 1259

Delta R.T. -0.01 min

Lab File: BE097532.D

Acq: 18 Sep 2018 14:19

Instrument :

BNA_E

ClientSampled :

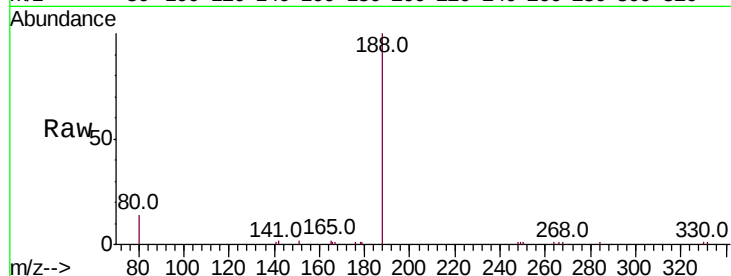
Tot Ion:188 Resp: 7414

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

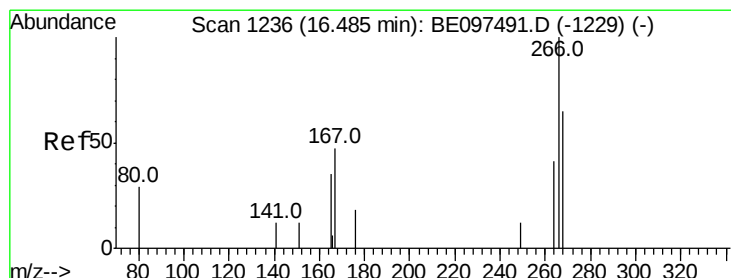
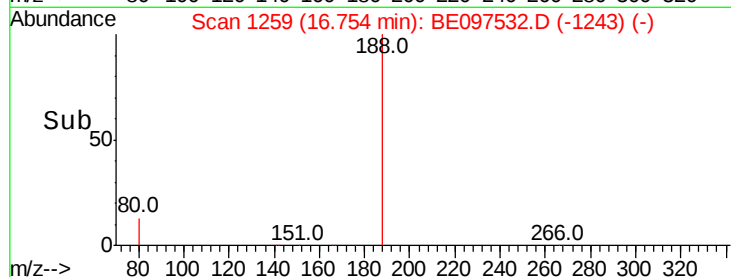
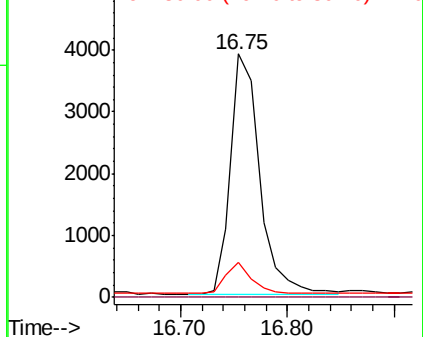
80 14.1 3.6 5.4#



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: 0.047 ng

RT: 16.50 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BE097532.D

Acq: 18 Sep 2018 14:19

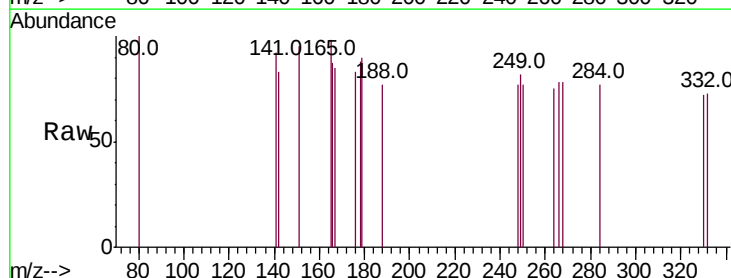
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

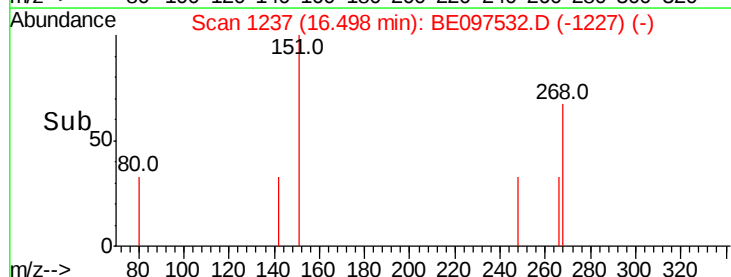
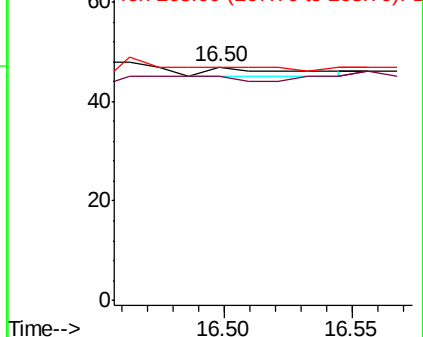
268 100.0 73.8 110.6

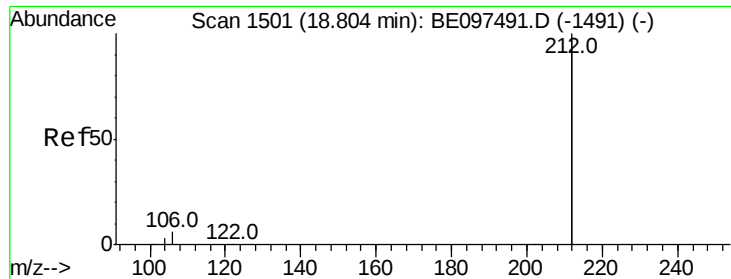


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 18.80 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE097532.D

Acq: 18 Sep 2018 14:19

Instrument :

BNA_E

ClientSampleId :

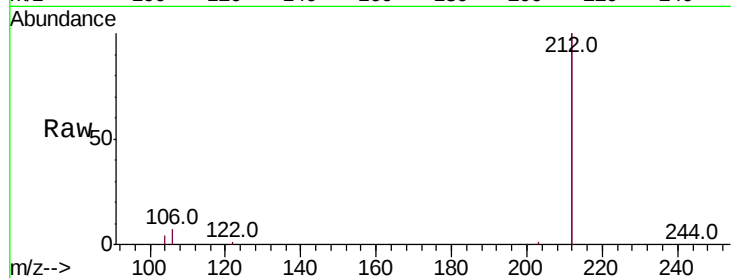
Tot Ion:212 Resp: 38786

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

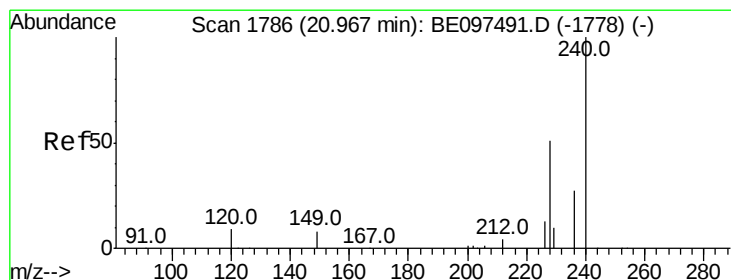
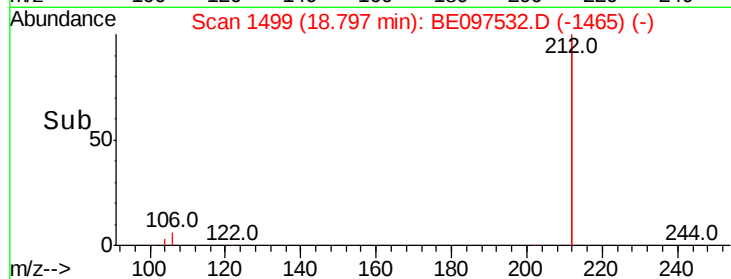
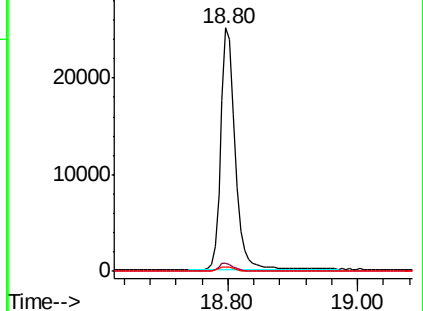
104 1.7 1.6 2.4



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: BE097532.D

Acq: 18 Sep 2018 14:19

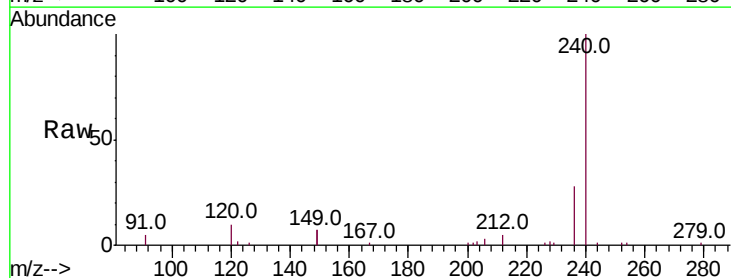
Tgt Ion:240 Resp: 8538

Ion Ratio Lower Upper

240 100

120 10.4 5.5 8.3#

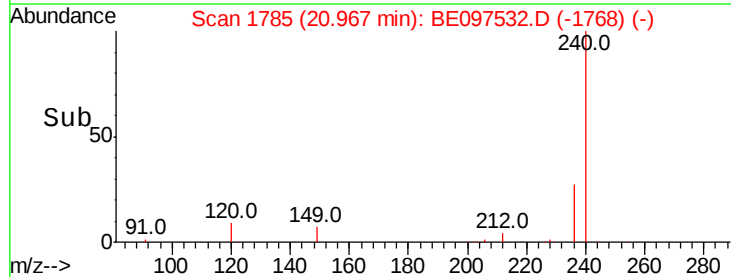
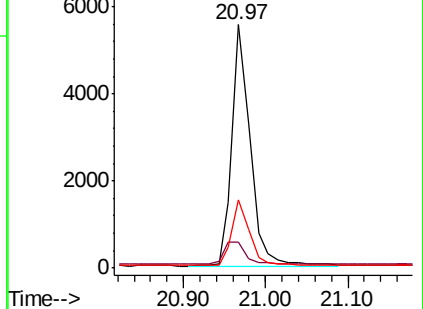
236 27.8 20.7 31.1

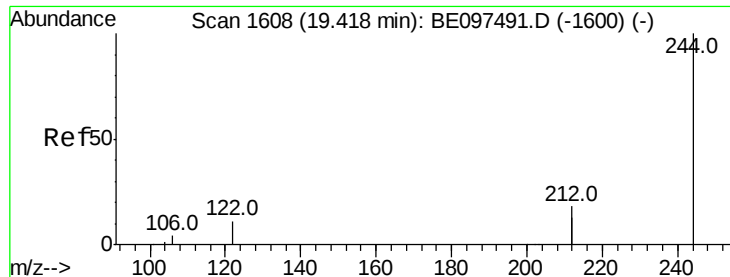


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.545 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097532.D

Acq: 18 Sep 2018 14:19

Instrument :

BNA_E

ClientSampleId :

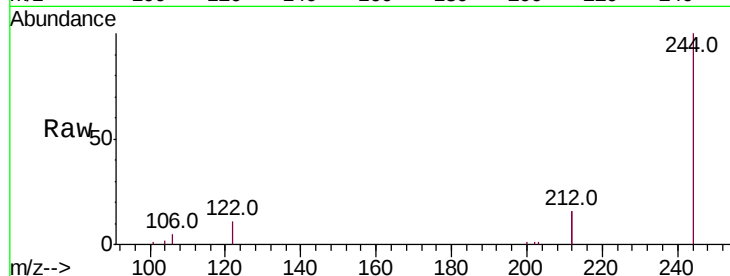
Tot Ion:244 Resp: 8892

Ion Ratio Lower Upper

244 100

212 32.4 25.4 38.0

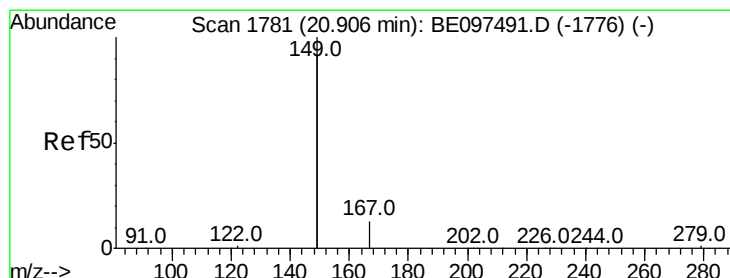
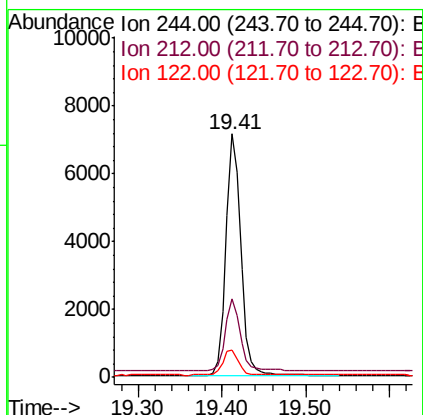
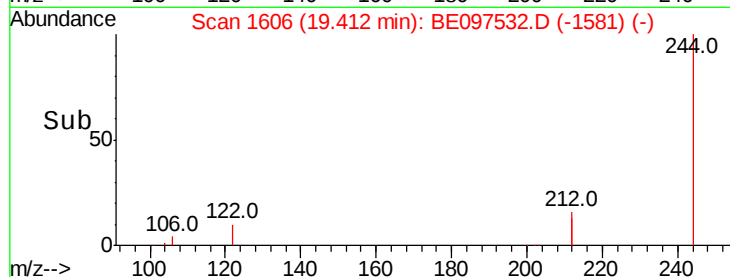
122 11.2 8.1 12.1



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: 0.158 ng

RT: 20.91 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE097532.D

Acq: 18 Sep 2018 14:19

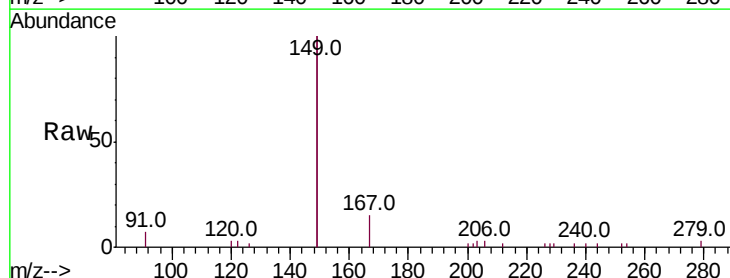
Tgt Ion:149 Resp: 7535

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

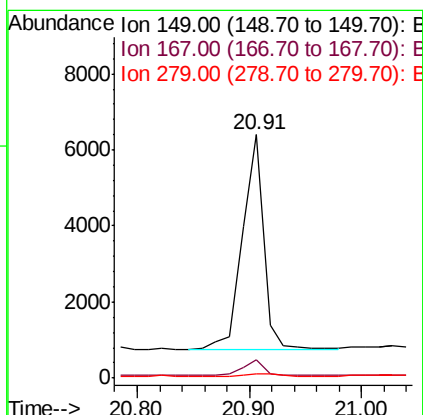
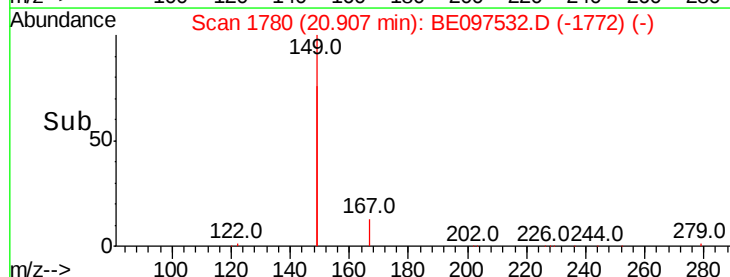
279 1.1 0.7 1.1#

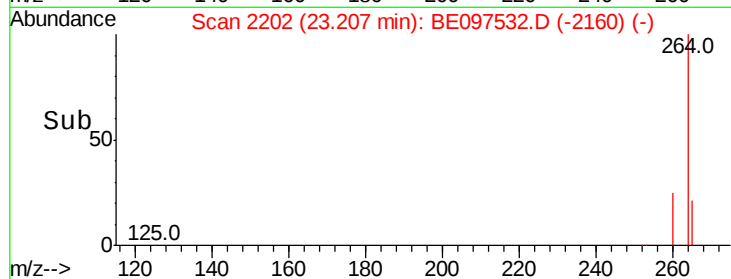
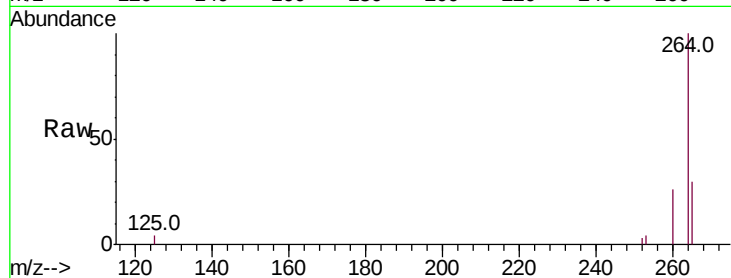
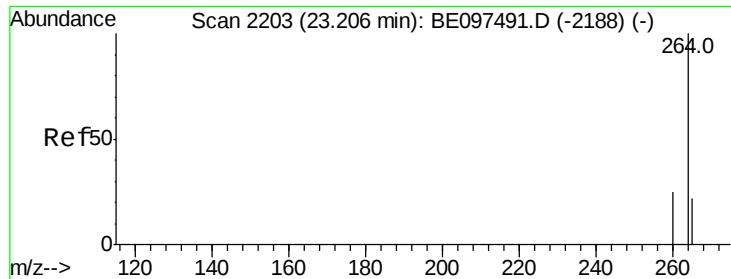


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BE097532.D

Acq: 18 Sep 2018 14:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 8685

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 30.0 22.8 34.2

