

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097530.D
 Acq On : 18 Sep 2018 13:05
 Operator : SJ/JU
 Sample : J4913-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 16:11:19 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

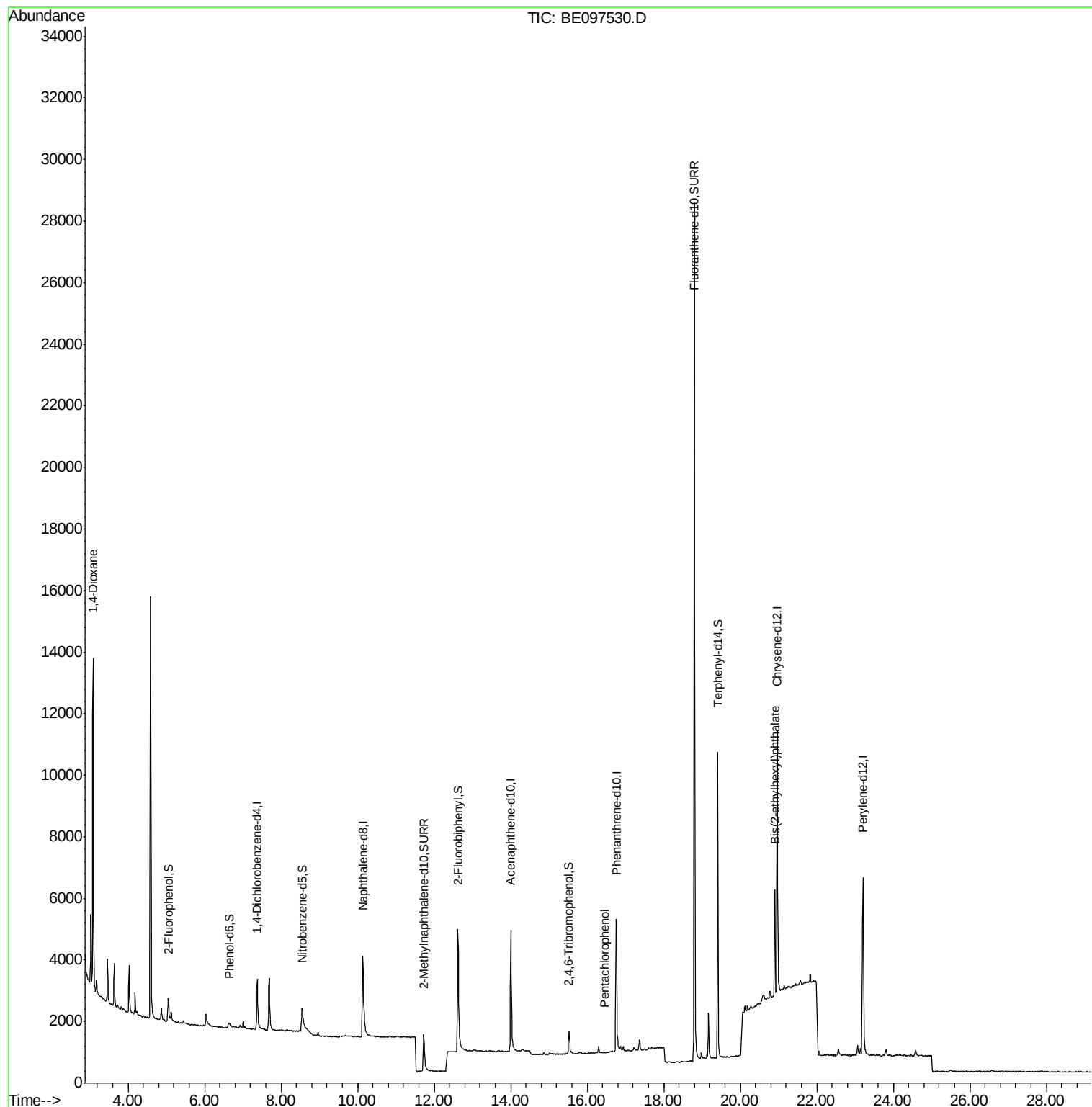
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	937	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4562	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2803	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	7627	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8907	0.40	ng	0.00
34) Perylene-d12	23.20	264	8590	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	587	0.18	ng	0.00
5) Phenol-d6	6.64	99	256	0.06	ng	0.03
8) Nitrobenzene-d5	8.54	82	1372	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	11.72	152	2783	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	581	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5350	0.55	ng	0.00
25) Fluoranthene-d10	18.80	212	39519	0.43	ng	0.00
29) Terphenyl-d14	19.41	244	8660	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	7211	4.450	ng	Qvalue # 87
22) Pentachlorophenol	16.45	266	13	0.067	ng	97
32) Bis(2-ethylhexyl)phthalate	20.91	149	4498	0.090	ng	# 98

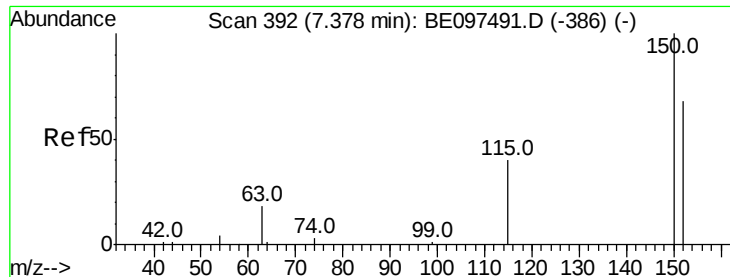
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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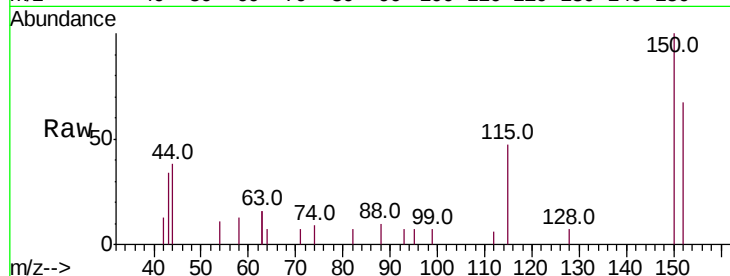


#1

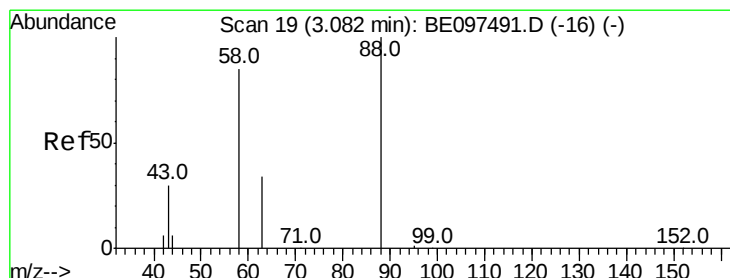
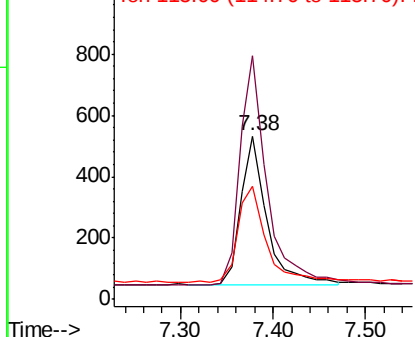
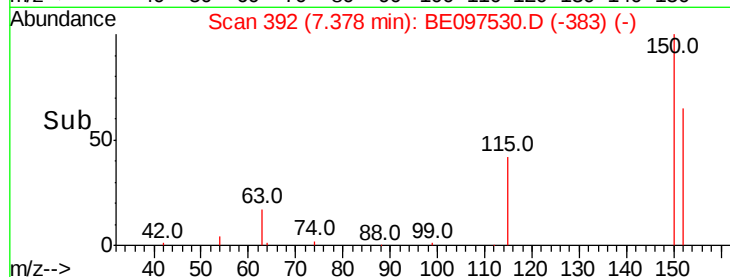
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.38 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BE097530.D
 Acq: 18 Sep 2018 13:05

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 937
 Ion Ratio Lower Upper
 152 100
 150 149.0 117.2 175.8
 115 69.4 57.0 85.6



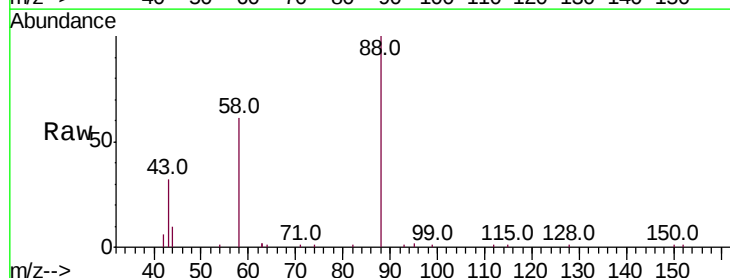
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



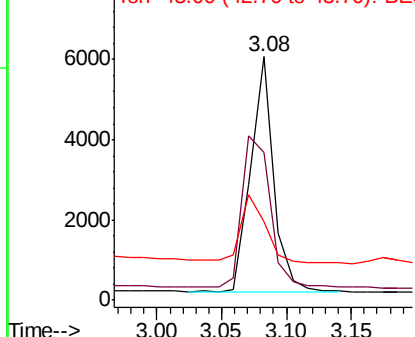
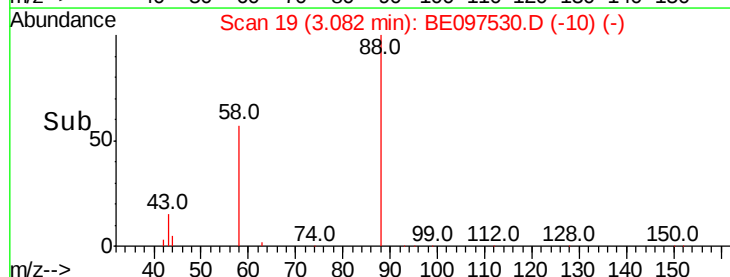
#2

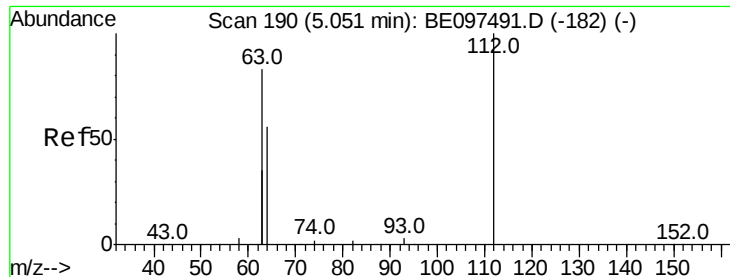
1,4-Dioxane
 Concen: 4.450 ng
 RT: 3.08 min Scan# 19
 Delta R.T. 0.00 min
 Lab File: BE097530.D
 Acq: 18 Sep 2018 13:05

Tgt Ion: 88 Resp: 7211
 Ion Ratio Lower Upper
 88 100
 58 77.5 63.2 94.8
 43 29.9 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: 0.185 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097530.D

Acq: 18 Sep 2018 13:05

Instrument :

BNA_E

ClientSampleId :

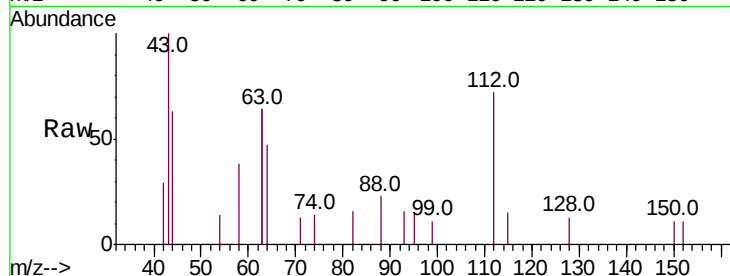
Tot Ion:112 Resp: 587

Ion Ratio Lower Upper

112 100

64 65.2 60.1 90.1

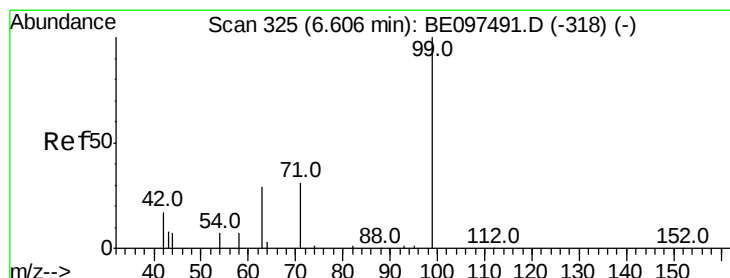
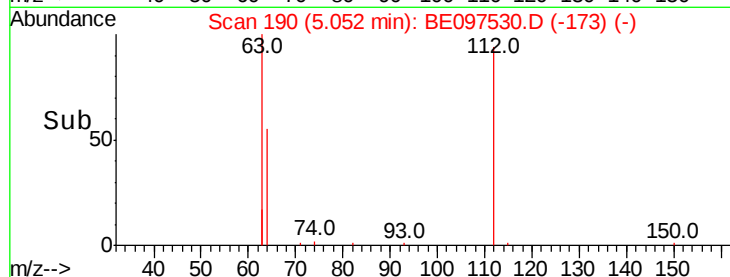
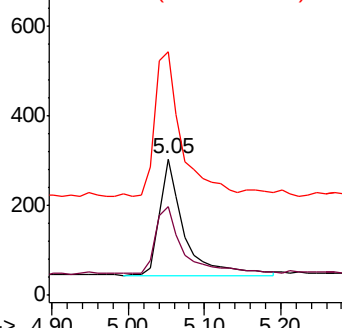
63 135.4 116.8 175.2



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: 0.064 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.03 min

Lab File: BE097530.D

Acq: 18 Sep 2018 13:05

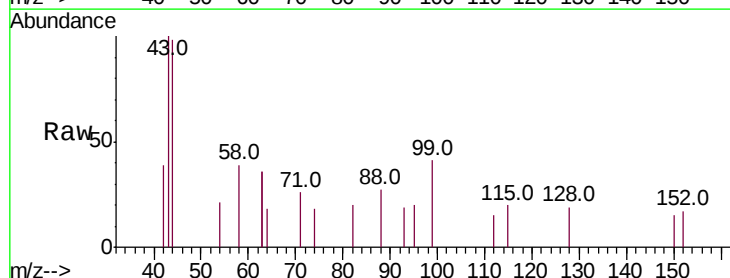
Tgt Ion: 99 Resp: 256

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

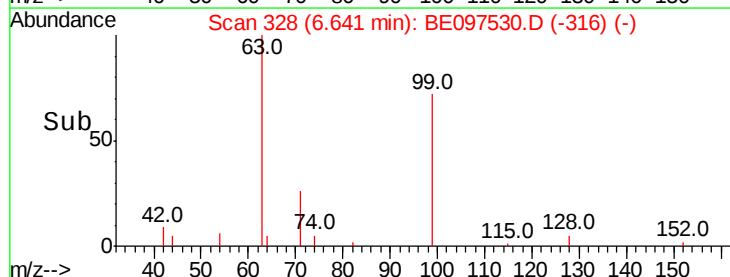
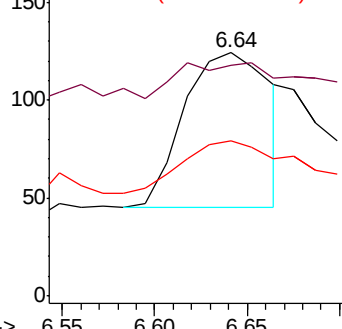
71 33.6 28.4 42.6

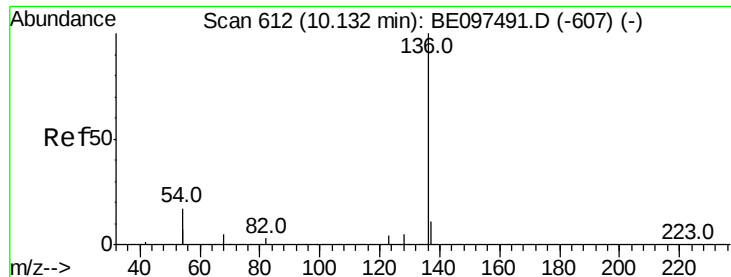


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097530.D

Acq: 18 Sep 2018 13:05

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 4562

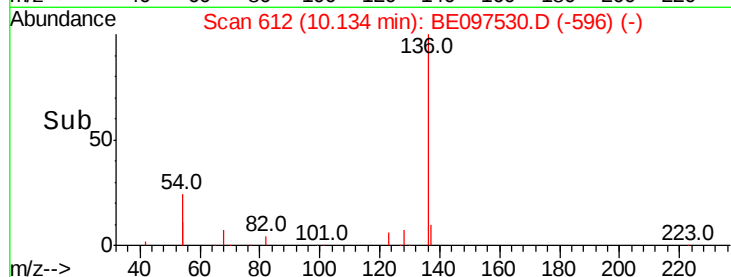
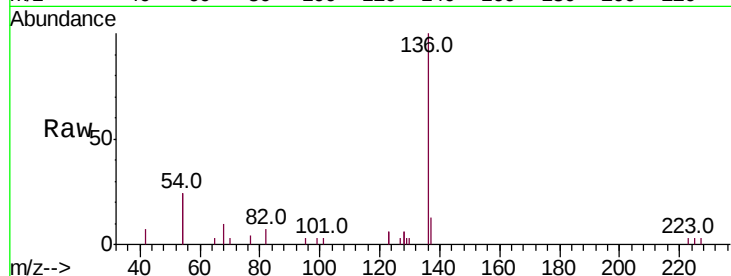
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 47.4 29.1 43.7#

68 10.1 6.2 9.2#



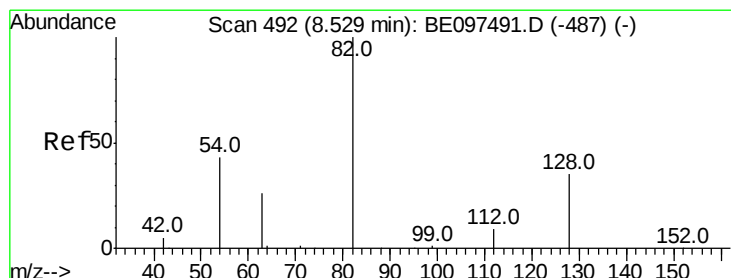
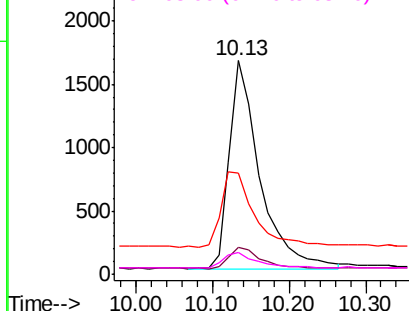
Abundance

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: 0.374 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.01 min

Lab File: BE097530.D

Acq: 18 Sep 2018 13:05

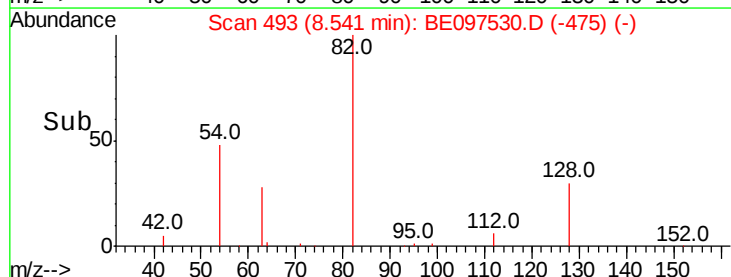
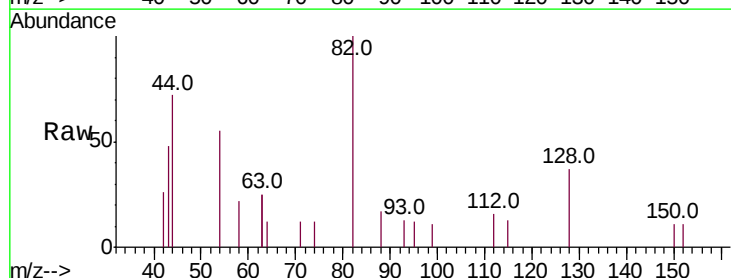
Tgt Ion: 82 Resp: 1372

Ion Ratio Lower Upper

82 100

128 37.4 24.0 36.0#

54 54.9 40.0 60.0

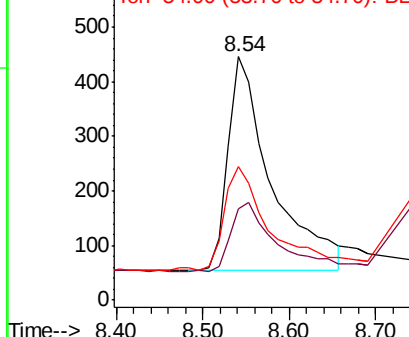


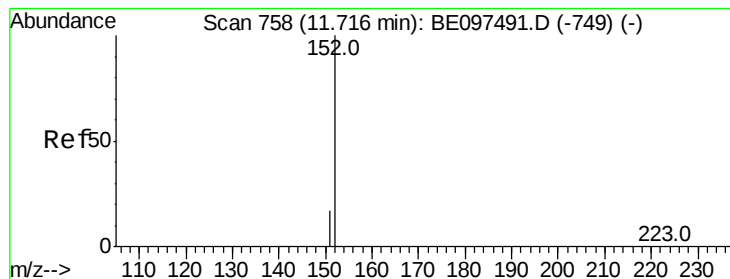
Abundance

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: 0.427 ng

RT: 11.72 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE097530.D

Acq: 18 Sep 2018 13:05

Instrument :

BNA_E

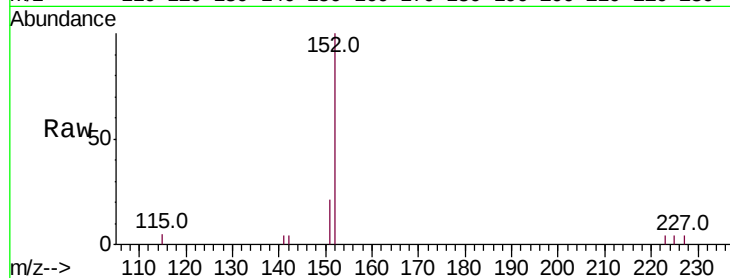
ClientSampleId :

Tot Ion:152 Resp: 2783

Ion Ratio Lower Upper

152 100

151 18.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1200

1000

800

600

400

200

0

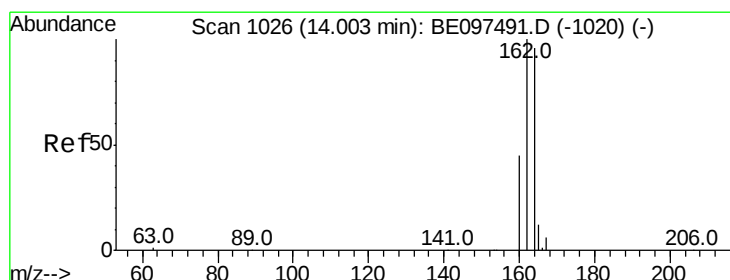
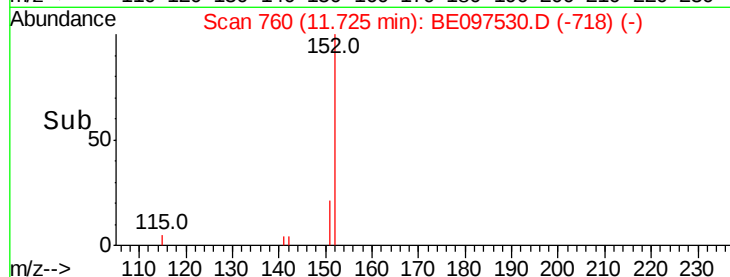
11.60

11.70

11.80

11.90

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097530.D

Acq: 18 Sep 2018 13:05

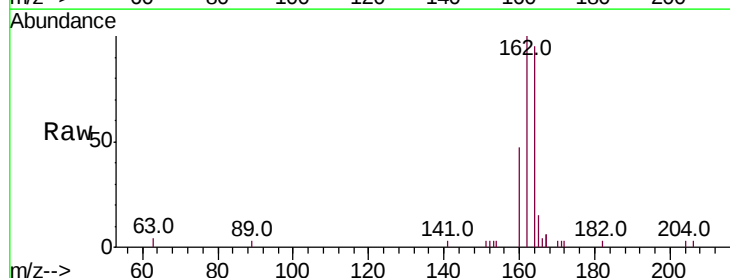
Tgt Ion:164 Resp: 2803

Ion Ratio Lower Upper

164 100

162 105.1 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

2000

1500

1000

500

0

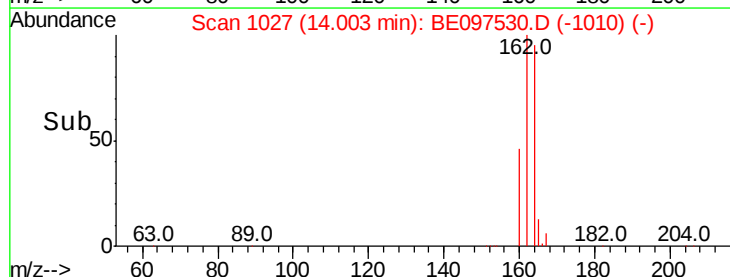
13.90

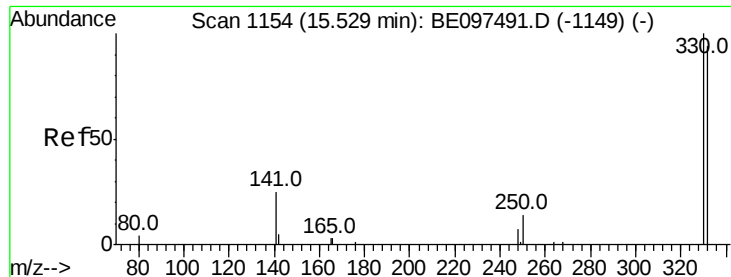
14.00

14.10

14.20

Time-->

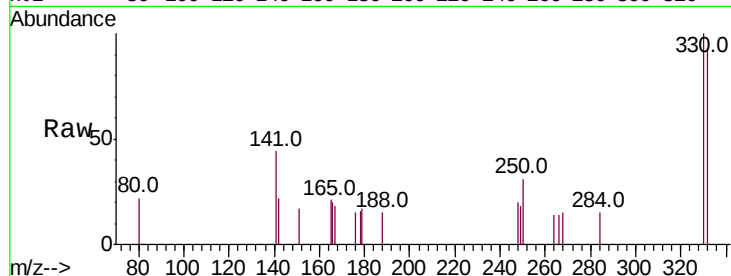




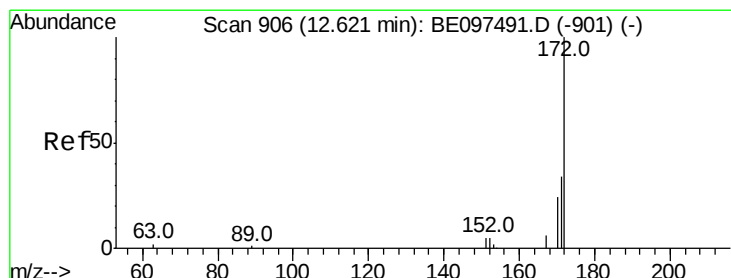
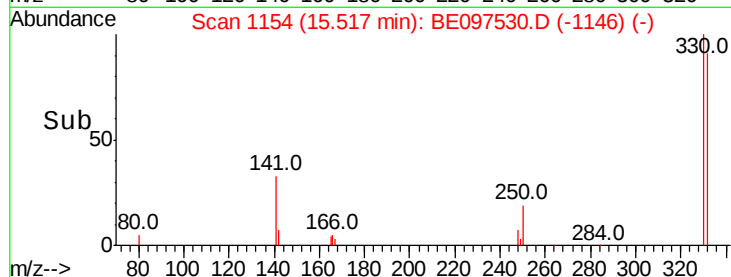
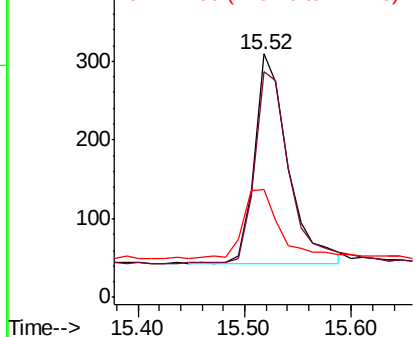
#14
 2,4,6-Tribromophenol
 Concen: 0.392 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BE097530.D
 Acq: 18 Sep 2018 13:05

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 581
 Ion Ratio Lower Upper
 330 100
 332 94.1 152.7 229.1#
 141 35.6 33.7 50.5

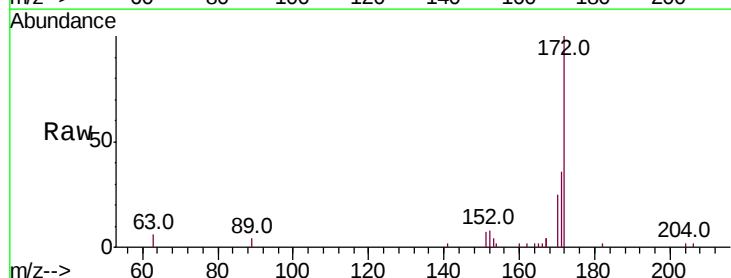


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

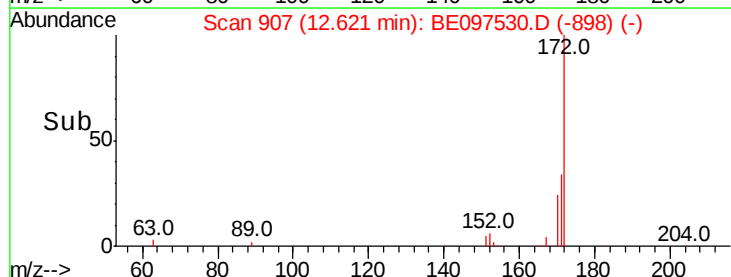
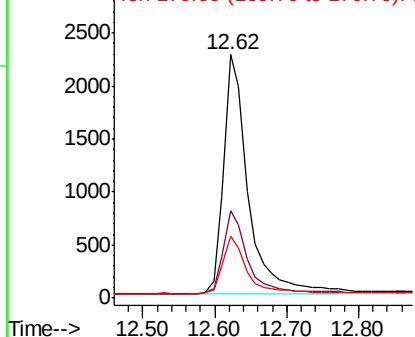


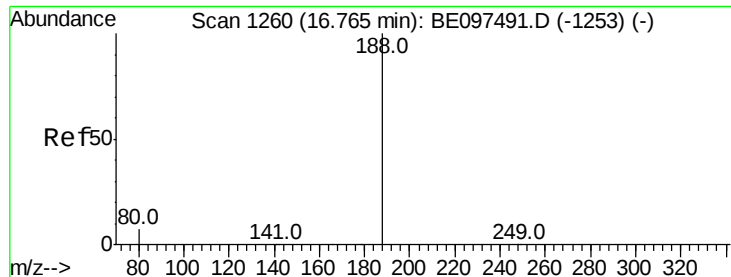
#15
 2-Fluorobiphenyl
 Concen: 0.547 ng
 RT: 12.62 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097530.D
 Acq: 18 Sep 2018 13:05

Tgt Ion:172 Resp: 5350
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.9 44.9
 170 25.2 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# 1261

Delta R.T. 0.00 min

Lab File: BE097530.D

Acq: 18 Sep 2018 13:05

Instrument :

BNA_E

ClientSampled :

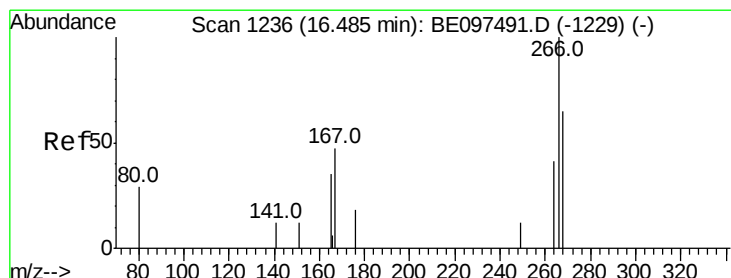
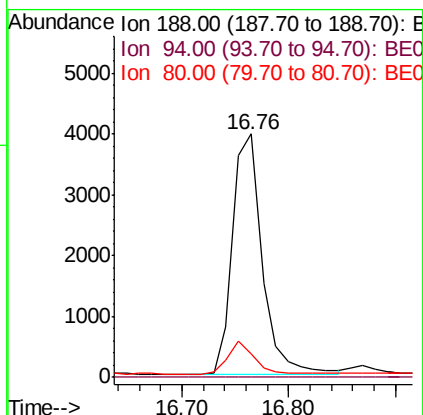
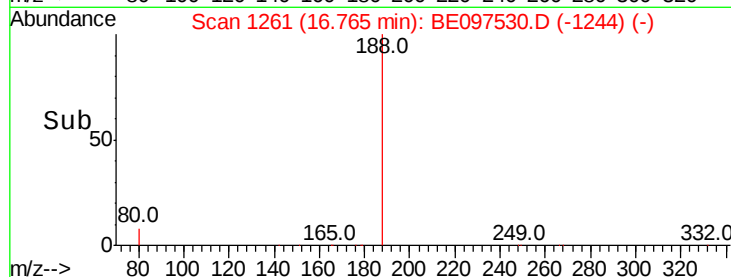
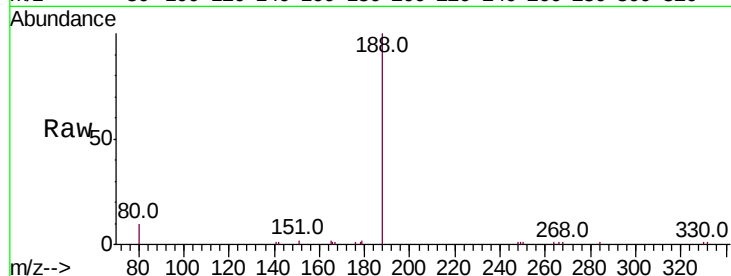
Tot Ion:188 Resp: 7627

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 9.8 3.6 5.4#



#22

Pentachlorophenol

Concen: 0.067 ng

RT: 16.45 min Scan# 1234

Delta R.T. -0.03 min

Lab File: BE097530.D

Acq: 18 Sep 2018 13:05

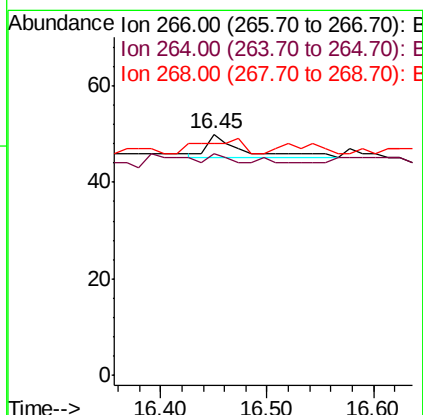
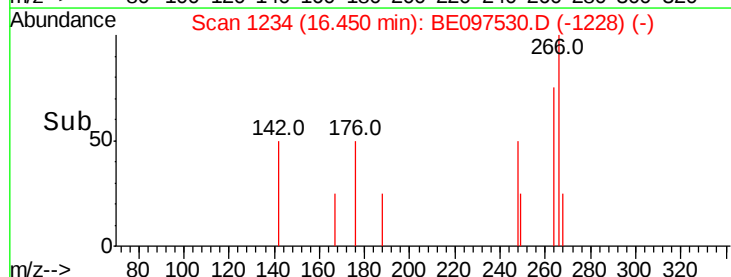
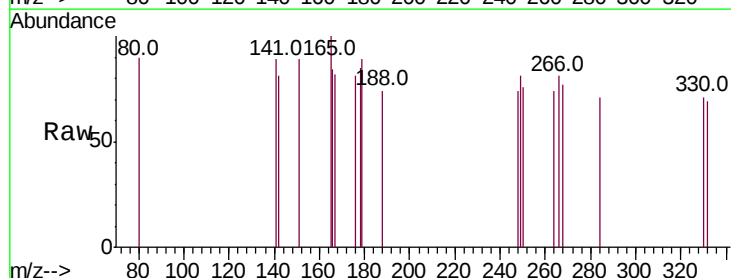
Tgt Ion:266 Resp: 13

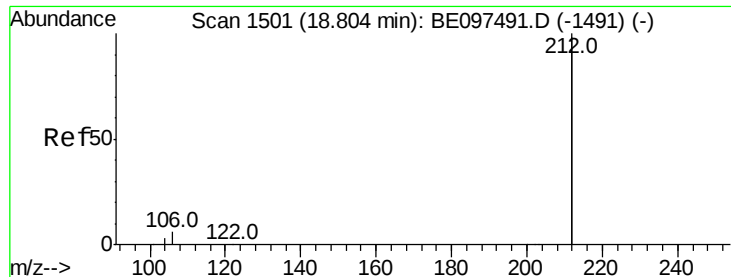
Ion Ratio Lower Upper

266 100

264 92.0 72.5 108.7

268 96.0 73.8 110.6





#25

Fluoranthene-d10

Concen: 0.431 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097530.D

Acq: 18 Sep 2018 13:05

Instrument :

BNA_E

ClientSampleId :

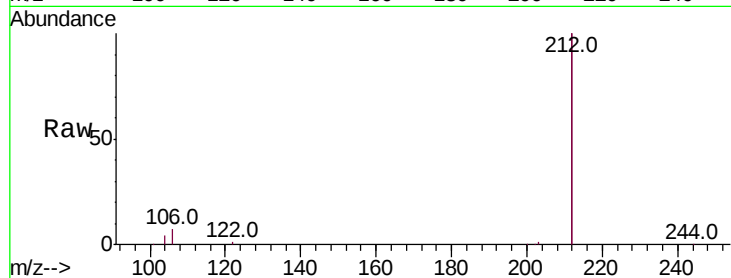
Tot Ion:212 Resp: 39519

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

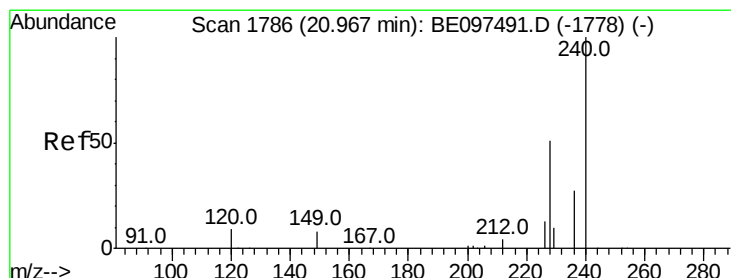
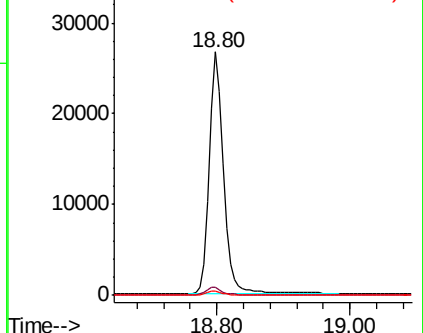
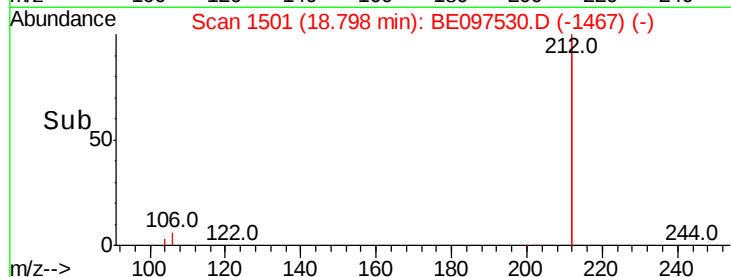
104 1.7 1.6 2.4



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# 1787

Delta R.T. 0.00 min

Lab File: BE097530.D

Acq: 18 Sep 2018 13:05

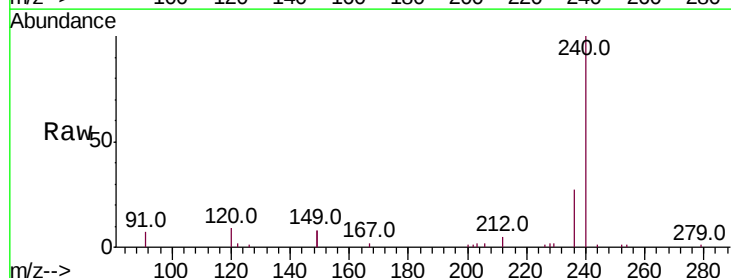
Tgt Ion:240 Resp: 8907

Ion Ratio Lower Upper

240 100

120 8.5 5.5 8.3#

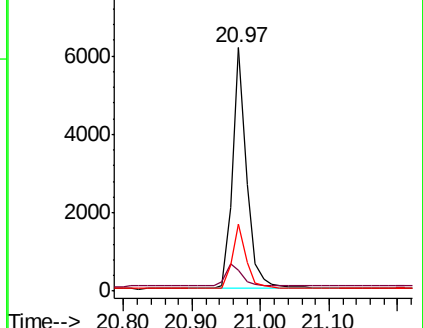
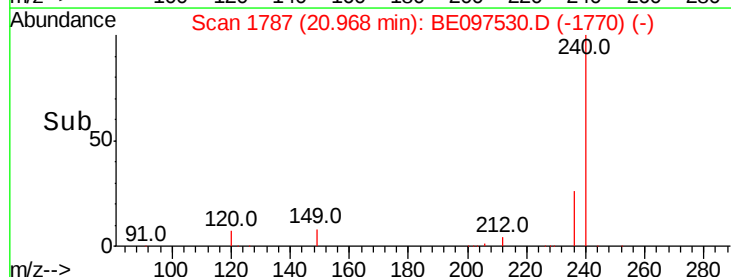
236 27.3 20.7 31.1

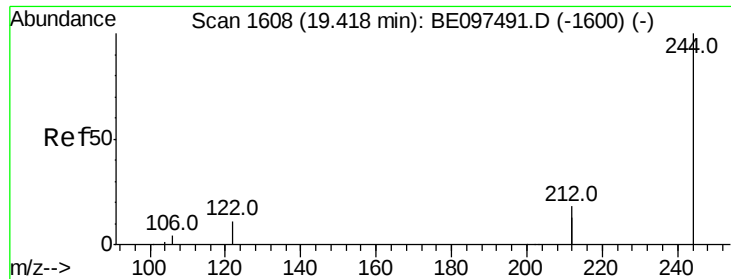


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.508 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097530.D

Acq: 18 Sep 2018 13:05

Instrument :

BNA_E

ClientSampleId :

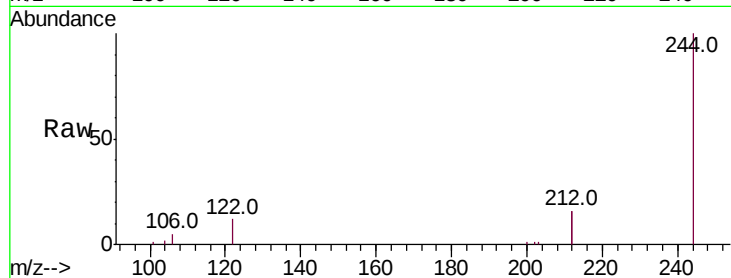
Tot Ion:244 Resp: 8660

Ion Ratio Lower Upper

244 100

212 32.0 25.4 38.0

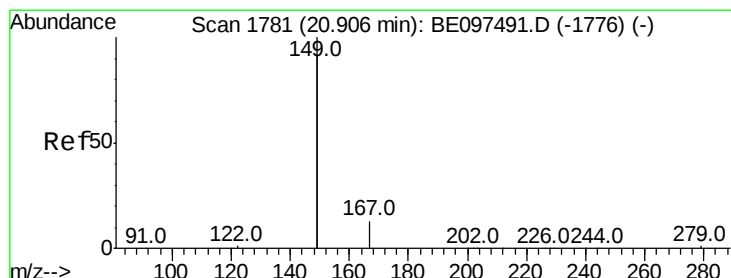
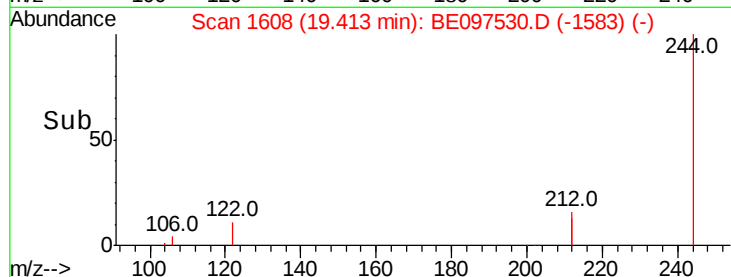
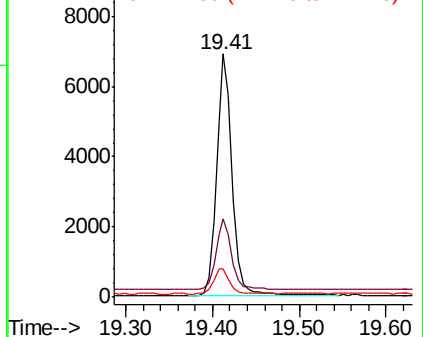
122 12.0 8.1 12.1



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: 0.090 ng

RT: 20.91 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097530.D

Acq: 18 Sep 2018 13:05

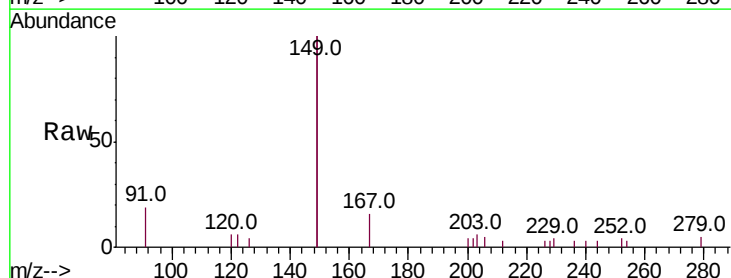
Tgt Ion:149 Resp: 4498

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

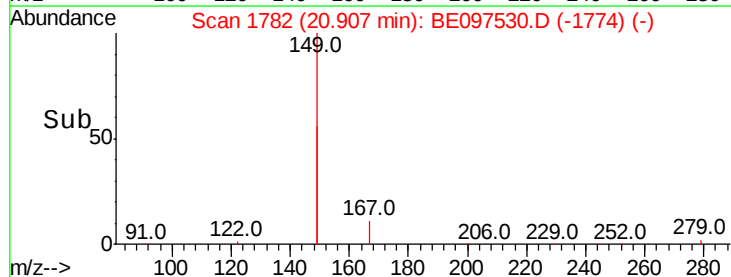
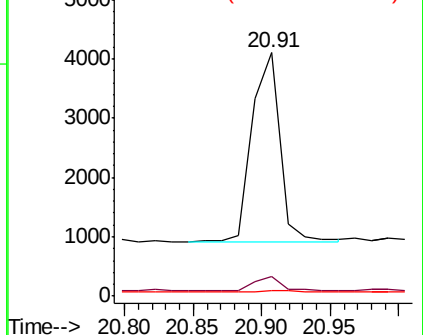
279 1.3 0.7 1.1#

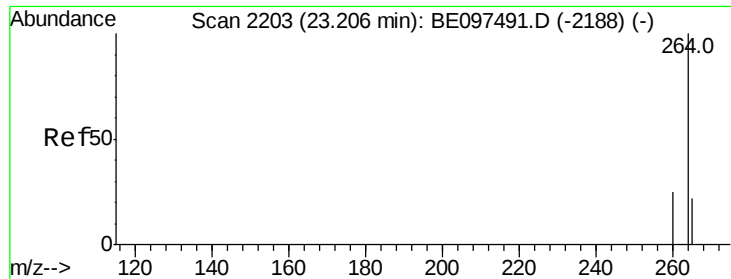


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE097530.D
Acq: 18 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 8590
Ion Ratio Lower Upper
264 100
260 25.1 20.5 30.7
265 30.3 22.8 34.2

