

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097091.D
 Acq On : 25 Jul 2018 3:51
 Operator : SJ/JU
 Sample : J4073-13DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-071618DL

Quant Time: Jul 25 08:12:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

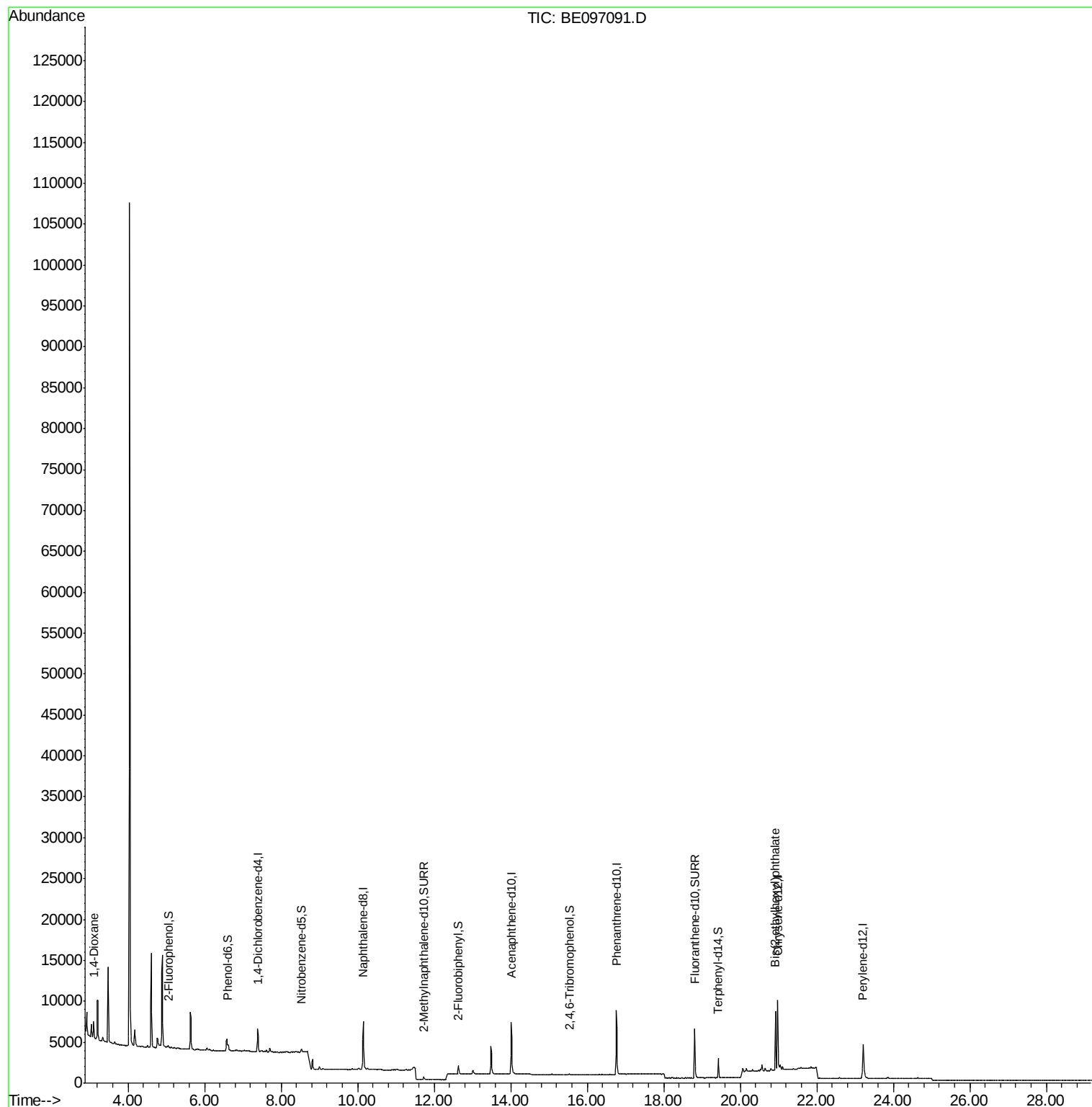
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1273	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6318	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3875	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11309	0.40	ng	0.00
27) Chrysene-d12	20.98	240	10344	0.40	ng	0.00
34) Perylene-d12	23.21	264	7167	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	119	0.03	ng	0.00
5) Phenol-d6	6.60	99	133	0.03	ng	0.00
8) Nitrobenzene-d5	8.53	82	406	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	631	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	99	0.08	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	1090	0.08	ng	0.00
25) Fluoranthene-d10	18.81	212	8448	0.07	ng	0.00
29) Terphenyl-d14	19.43	244	2317	0.12	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	1161	0.574	ng	94
32) Bis(2-ethylhexyl)phthalate	20.92	149	7830	0.291	ng	100

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

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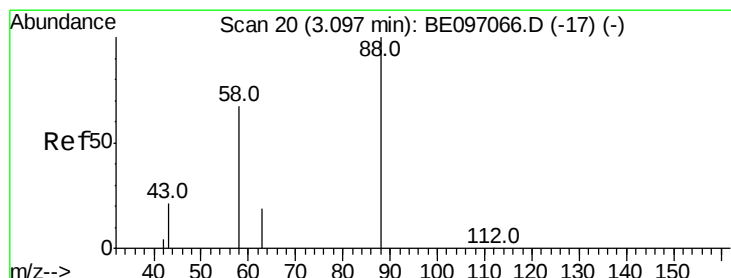
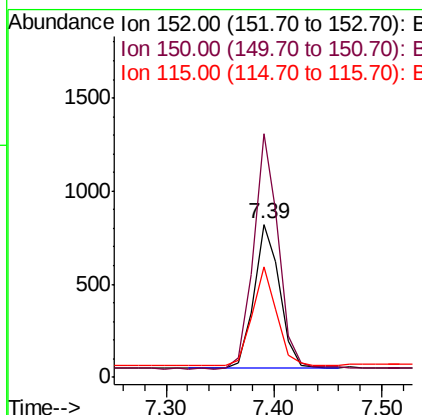
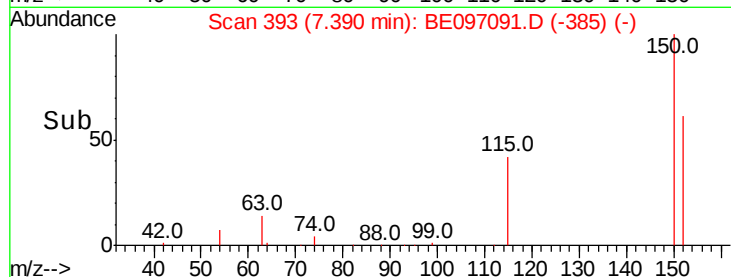
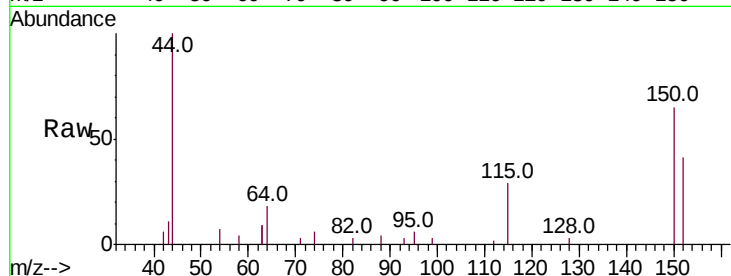




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

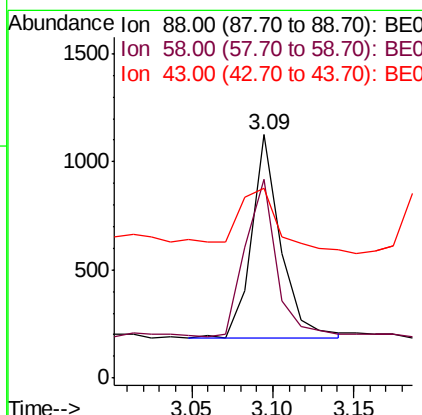
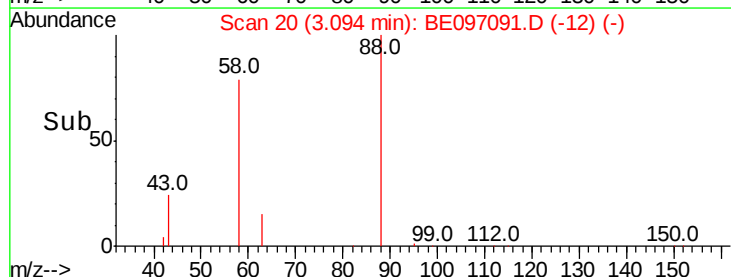
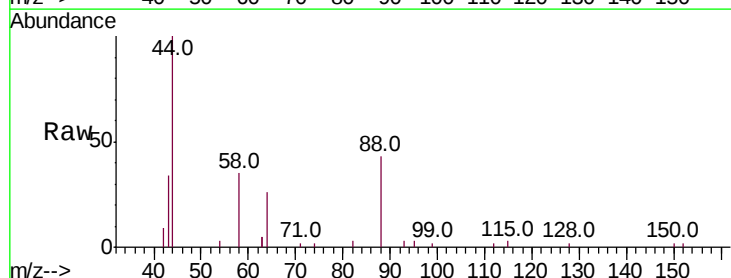
Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-071618DL

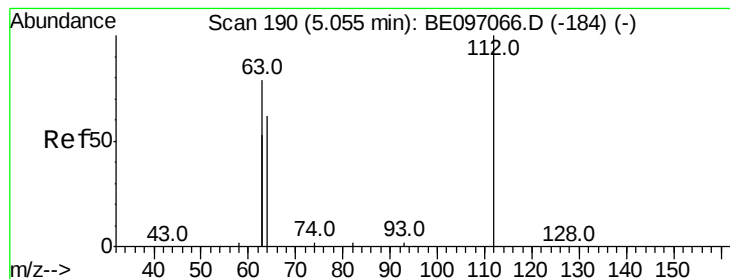
Tot Ion:152 Resp: 1273
 Ion Ratio Lower Upper
 152 100
 150 159.4 117.2 175.8
 115 72.2 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.574 ng
 RT: 3.09 min Scan# 20
 Delta R.T. -0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

Tgt Ion: 88 Resp: 1161
 Ion Ratio Lower Upper
 88 100
 58 84.9 63.2 94.8
 43 47.3 41.2 61.8





#4

2-Fluorophenol

Concen: 0.033 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

Instrument :

BNA_E

ClientSampleId :

RE109D1-071618DL

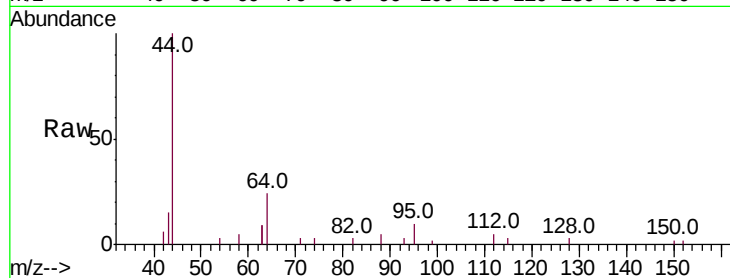
Tot Ion:112 Resp: 119

Ion Ratio Lower Upper

112 100

64 226.1 60.1 90.1#

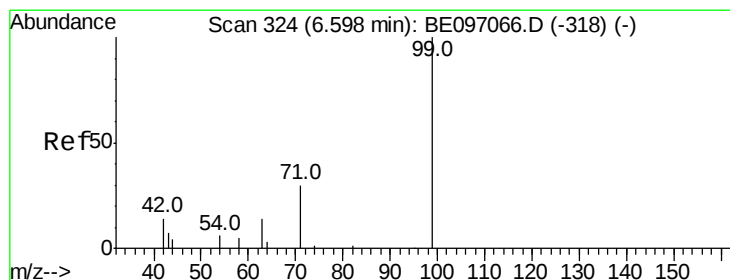
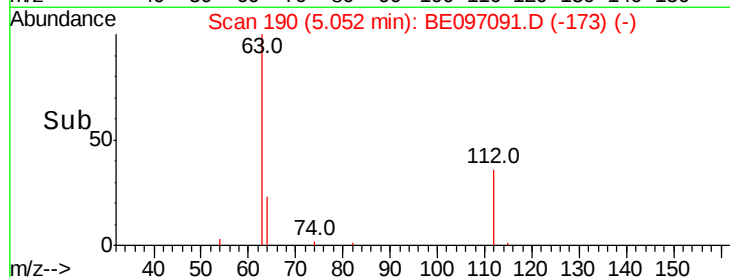
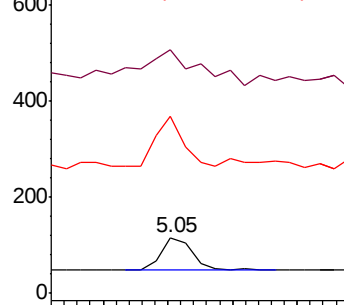
63 132.8 116.8 175.2



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: 0.025 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

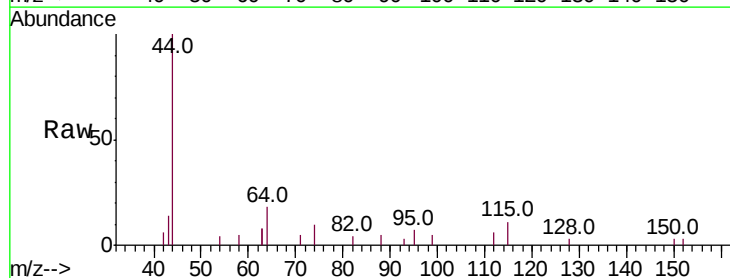
Tgt Ion: 99 Resp: 133

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

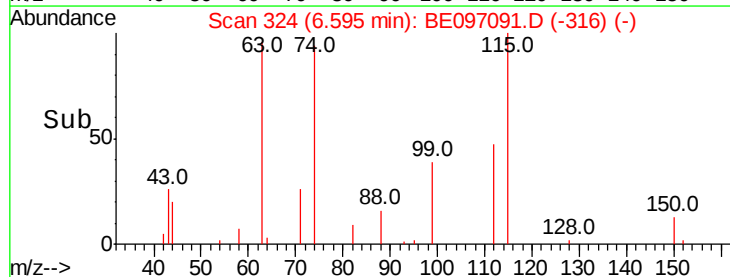
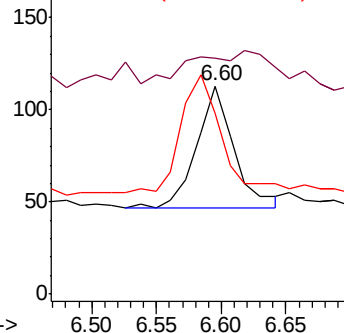
71 105.3 28.4 42.6#

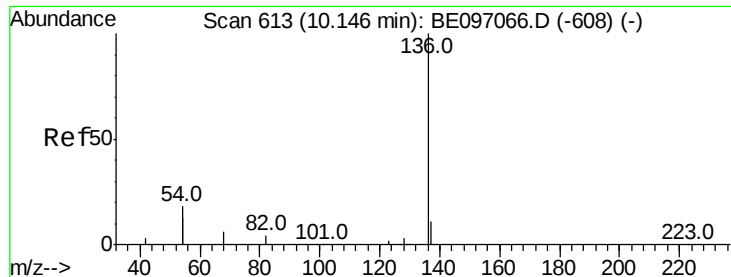


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

Instrument :

BNA_E

ClientSampleId :

RE109D1-071618DL

Tot Ion:136 Resp: 6318

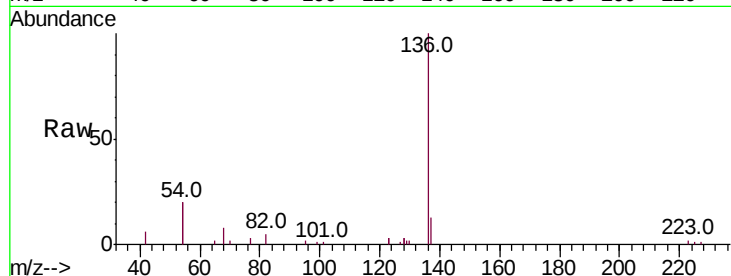
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 39.6 29.1 43.7

68 7.9 6.2 9.2

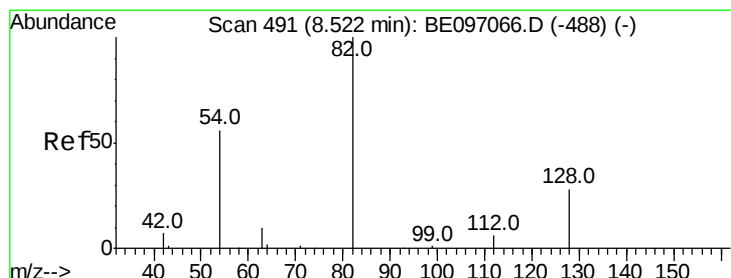
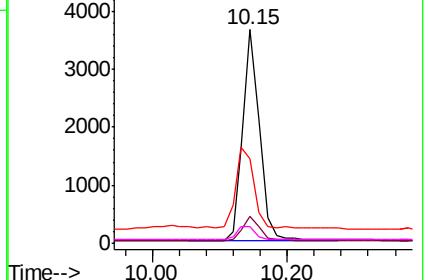
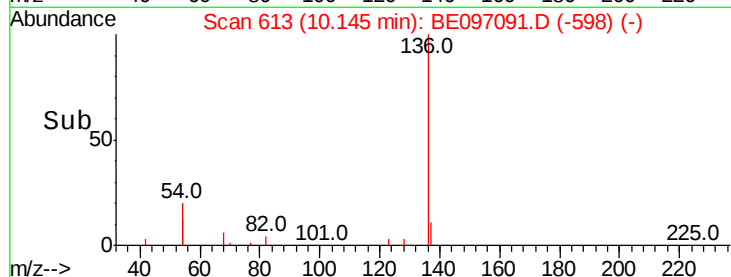


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.074 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

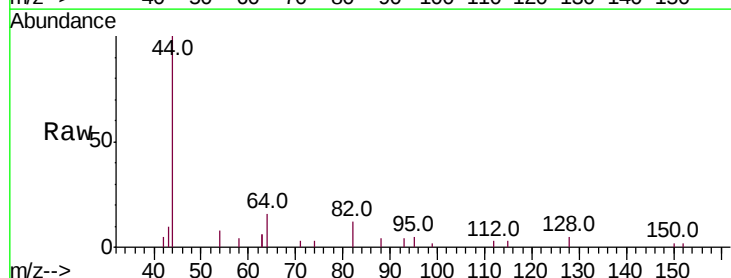
Tgt Ion: 82 Resp: 406

Ion Ratio Lower Upper

82 100

128 43.4 24.0 36.0#

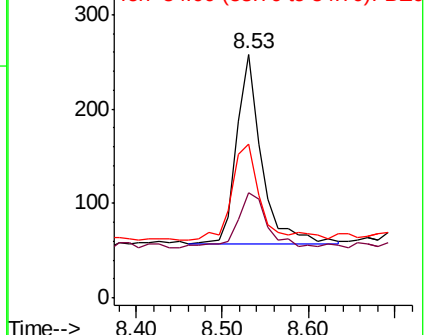
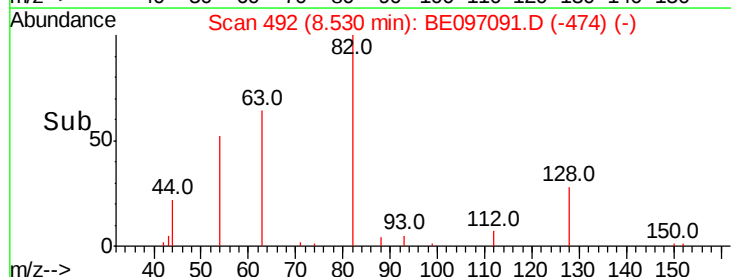
54 63.2 40.0 60.0#

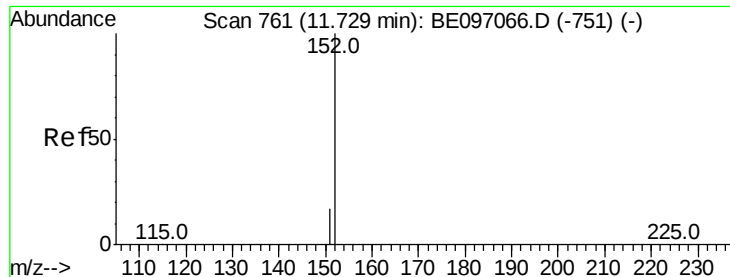


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

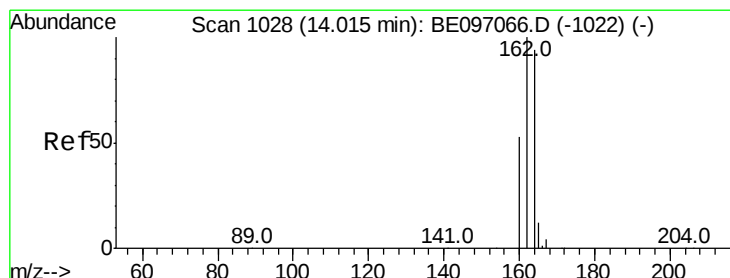
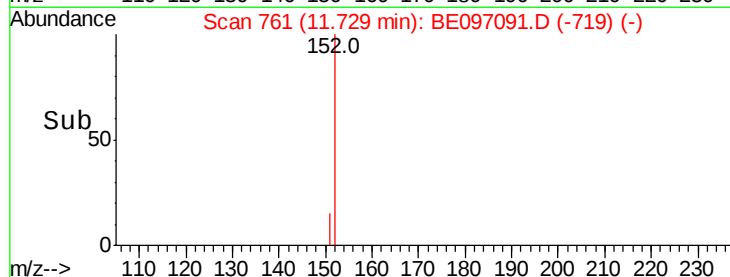
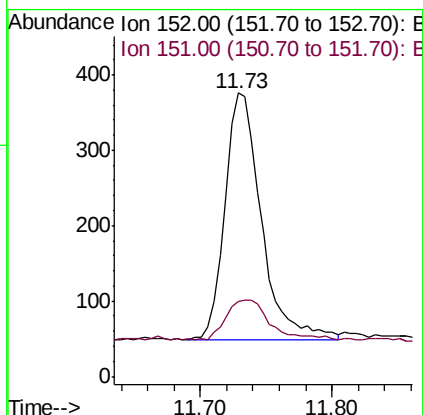
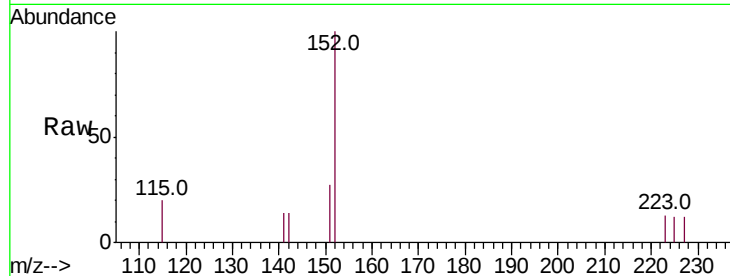




#11
2-Methylnaphthalene-d10
Concen: 0.067 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097091.D
Acq: 25 Jul 2018 3:51

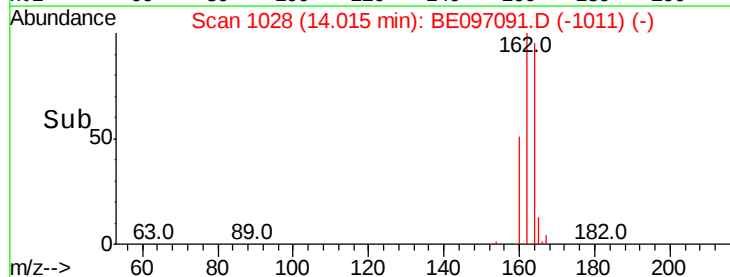
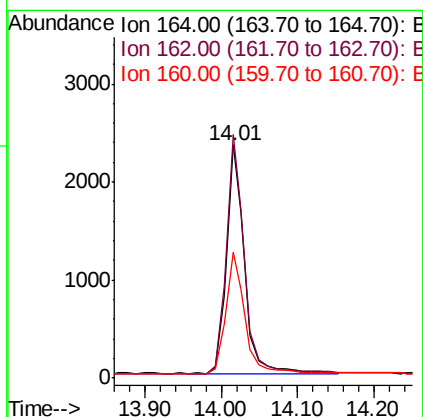
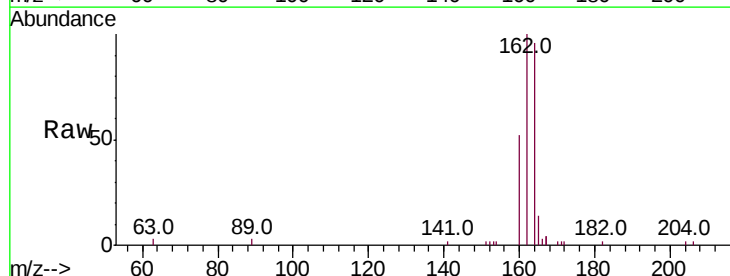
Instrument :
BNA_E
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RE109D1-071618DL

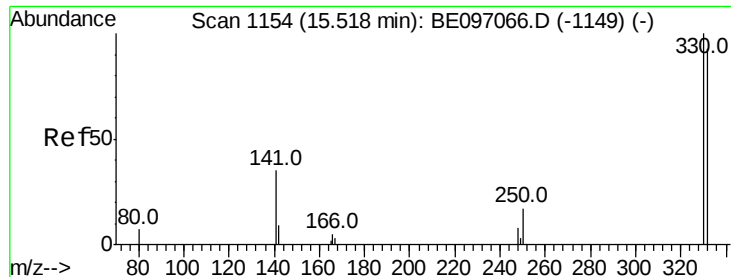
Tot Ion:152 Resp: 631
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097091.D
Acq: 25 Jul 2018 3:51

Tgt Ion:164 Resp: 3875
Ion Ratio Lower Upper
164 100
162 104.5 83.1 124.7
160 54.1 37.1 55.7

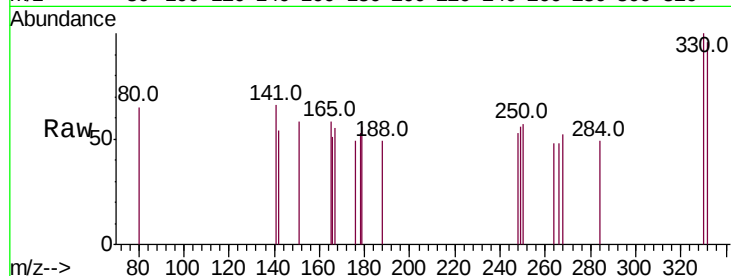




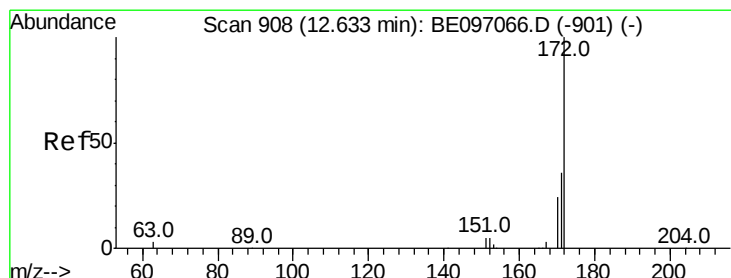
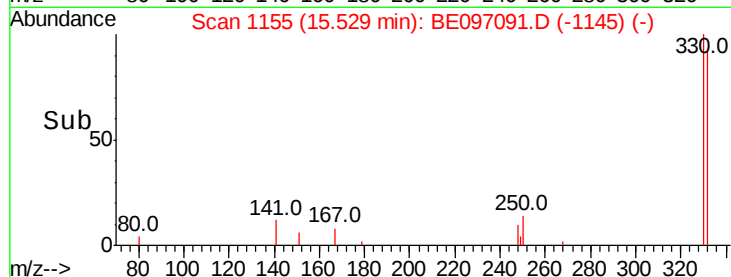
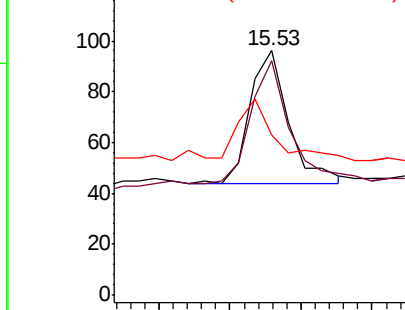
#14
 2,4,6-Tribromophenol
 Concen: 0.078 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-071618DL

Tot Ion:330 Resp: 99
 Ion Ratio Lower Upper
 330 100
 332 92.9 152.7 229.1#
 141 40.4 33.7 50.5

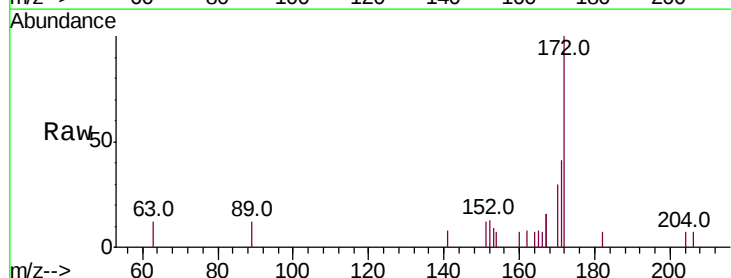


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

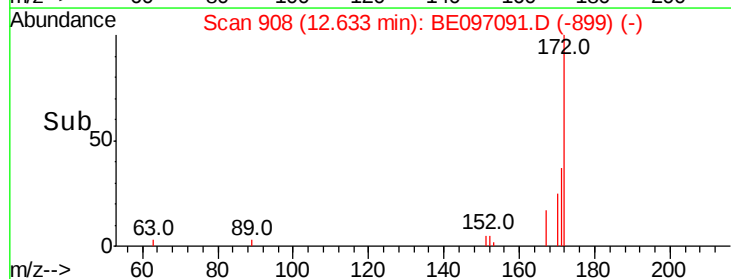
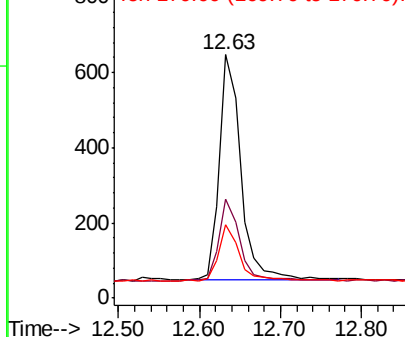


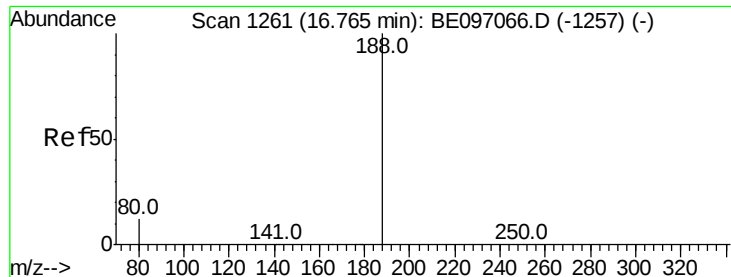
#15
 2-Fluorobiphenyl
 Concen: 0.081 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

Tgt Ion:172 Resp: 1090
 Ion Ratio Lower Upper
 172 100
 171 40.7 29.9 44.9
 170 29.9 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: BE097091.D

Acq: 25 Jul 2018 3:51

Instrument :

BNA_E

ClientSampleId :

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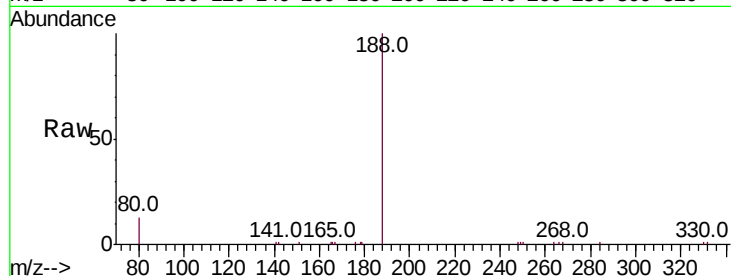
Tot Ion:188 Resp: 11309

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

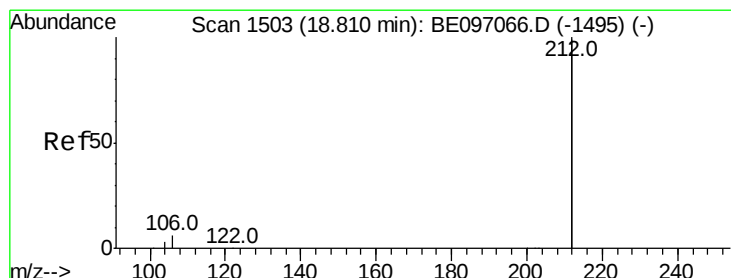
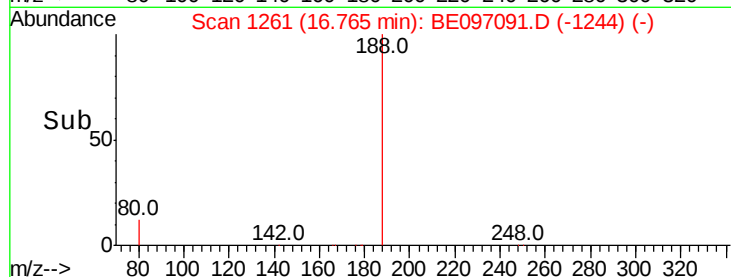
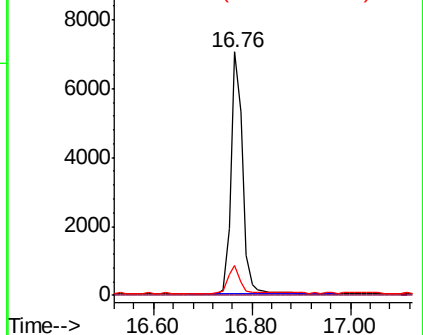
80 12.5 3.6 5.4#



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



#25

Fluoranthene-d10

Concen: 0.075 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

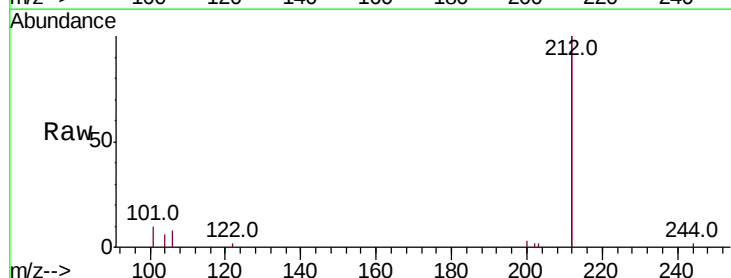
Tgt Ion:212 Resp: 8448

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

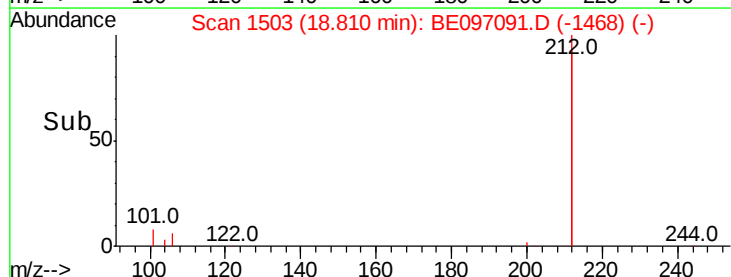
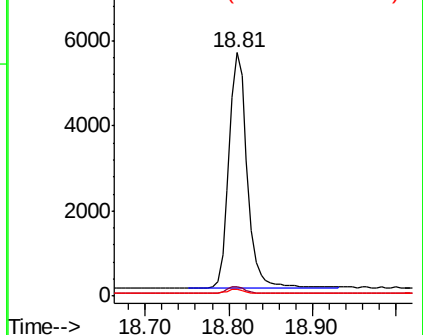
104 1.8 1.6 2.4

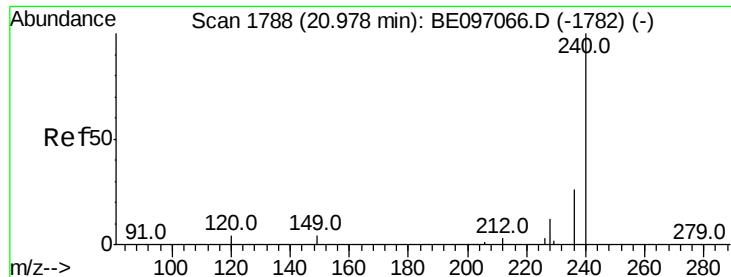


Abundance Ion 212.00 (211.70 to 212.70): E

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: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097091.D

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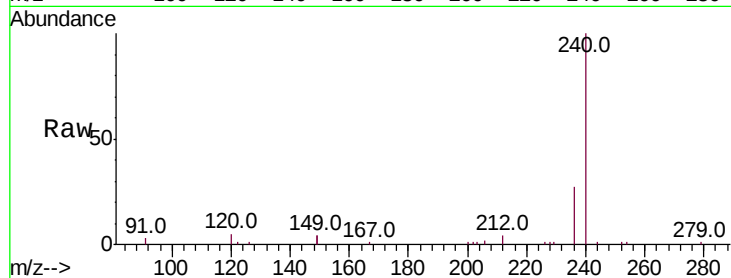
Tot Ion:240 Resp: 10344

Ion Ratio Lower Upper

240 100

120 5.4 5.5 8.3#

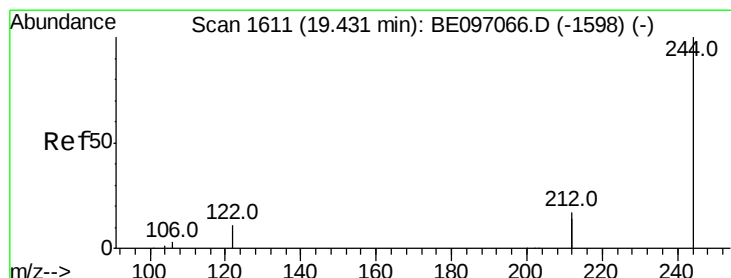
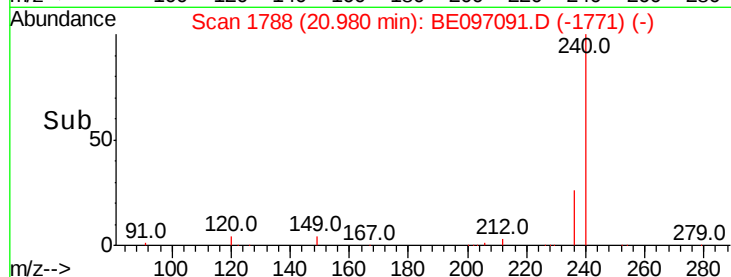
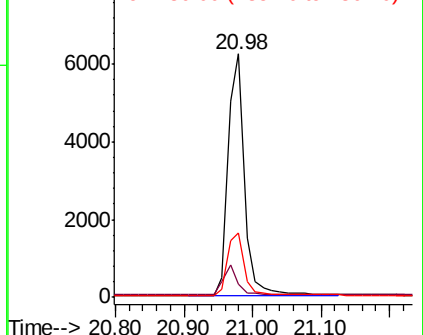
236 26.6 20.7 31.1



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: 0.117 ng

RT: 19.43 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

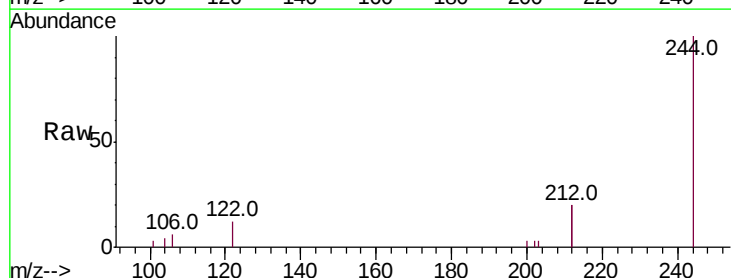
Tgt Ion:244 Resp: 2317

Ion Ratio Lower Upper

244 100

212 40.5 25.4 38.0#

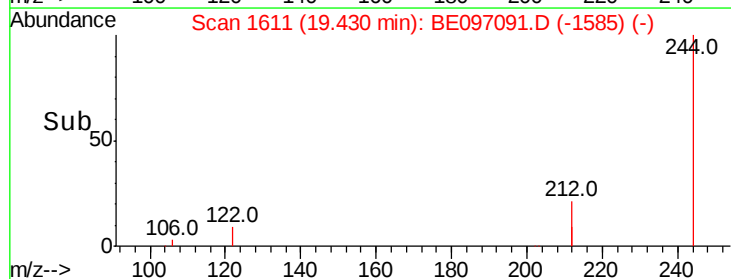
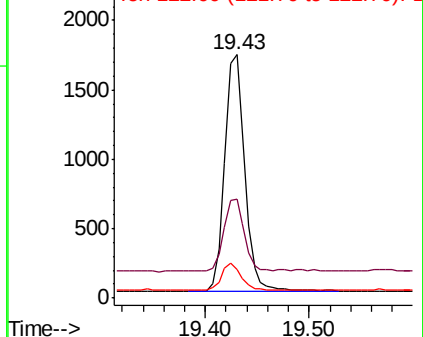
122 11.7 8.1 12.1

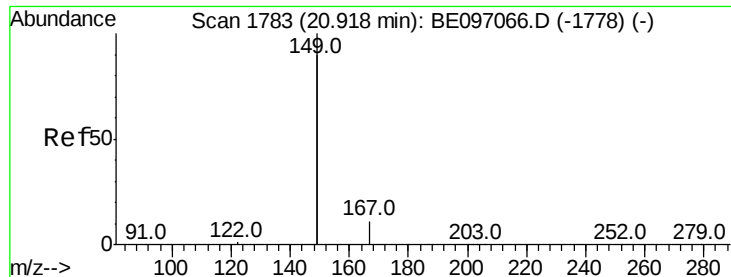


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

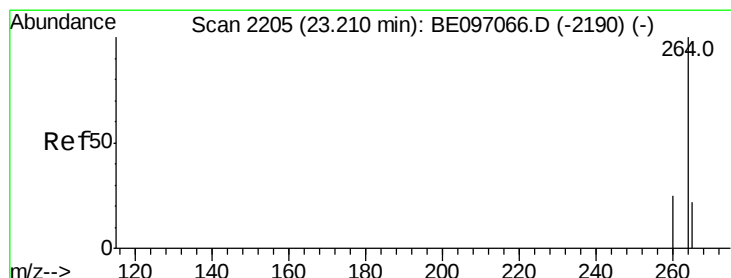
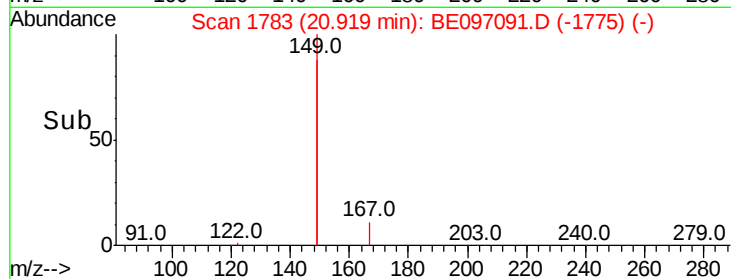
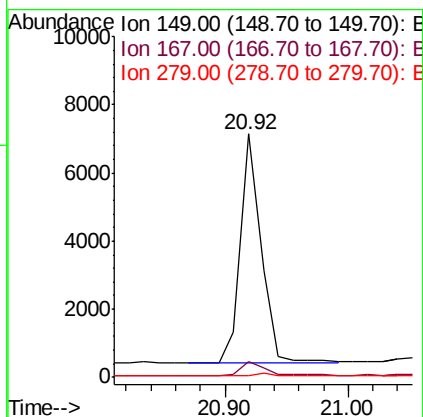
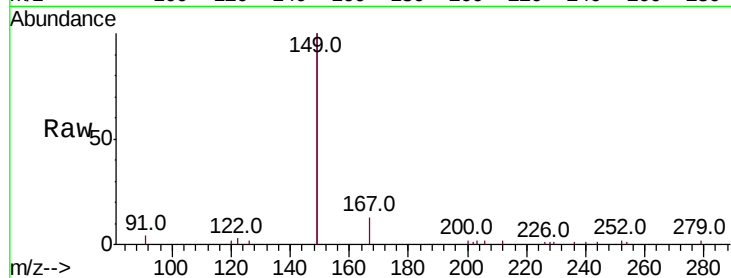




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.291 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-071618DL

Tot Ion:149 Resp: 7830
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 1.1 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

Tgt Ion:264 Resp: 7167
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.5 30.7
 265 26.5 22.8 34.2

