

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097947.D
 Acq On : 17 Oct 2018 14:34
 Operator : SJ/JU
 Sample : J5317-10DL 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-108D2-20181004DL

Quant Time: Oct 17 17:24:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

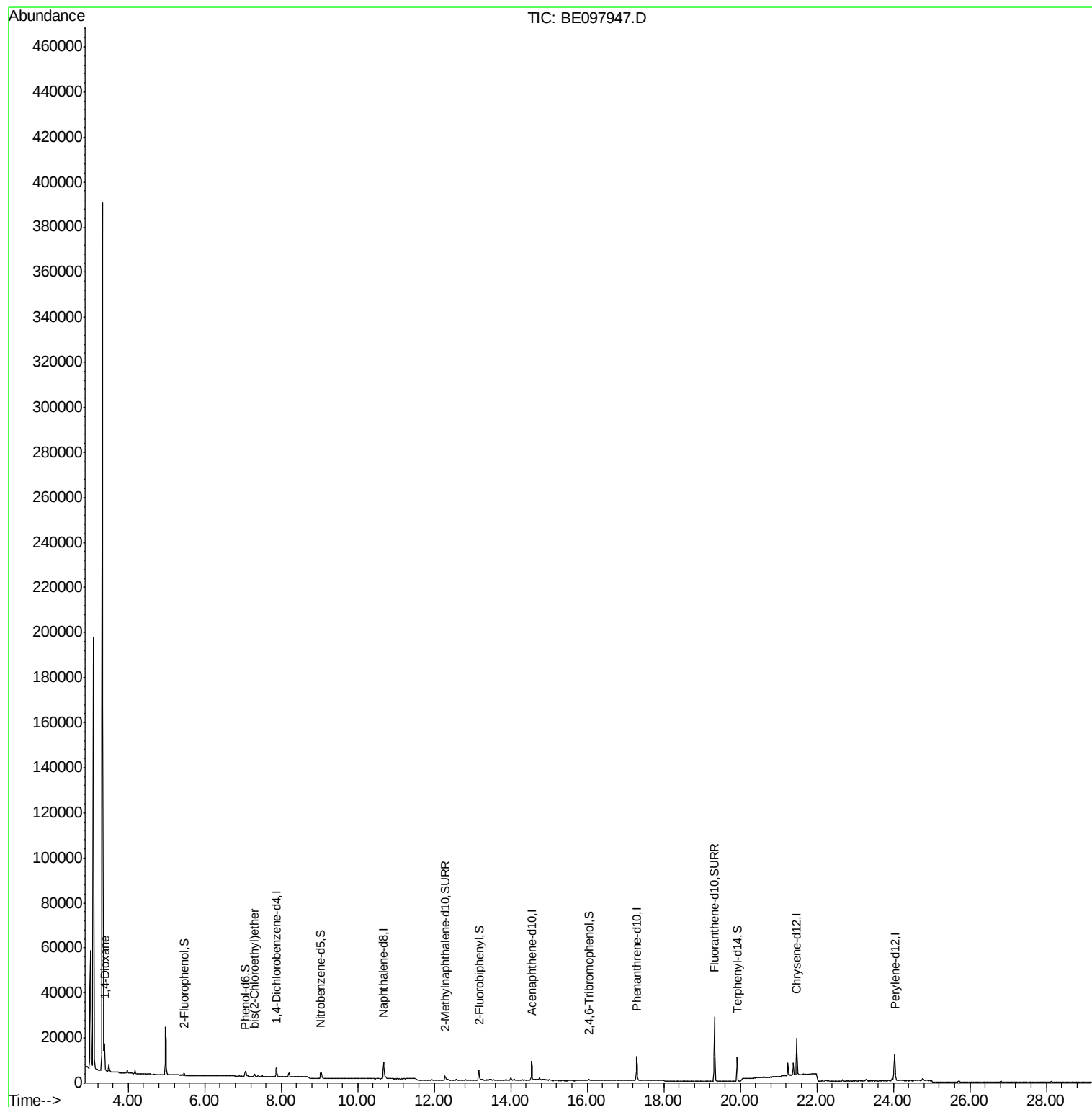
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2009	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	8698	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	5592	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	14940	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	17109	0.40	ng	-0.01
34) Perylene-d12	24.03	264	17789	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	553	0.09	ng	0.00
5) Phenol-d6	7.05	99	466	0.05	ng	0.00
8) Nitrobenzene-d5	9.04	82	1529	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2793	0.19	ng	-0.01
14) 2,4,6-Tribromophenol	16.05	330	463	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	5414	0.24	ng	0.00
25) Fluoranthene-d10	19.33	212	37547	0.19	ng	0.00
29) Terphenyl-d14	19.92	244	10127	0.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	6306	1.800	ng	96
6) bis(2-Chloroethyl)ether	7.30	93	479	0.060	ng	100

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

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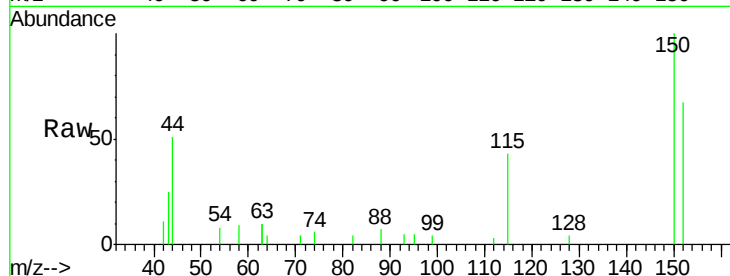


#1

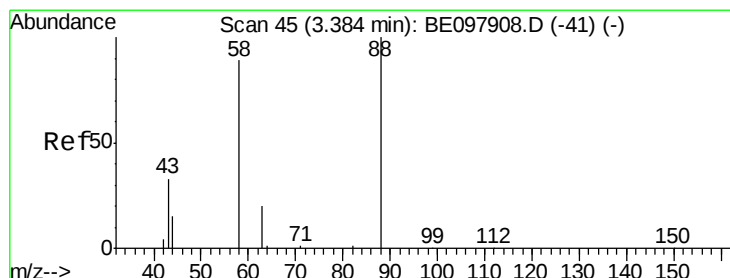
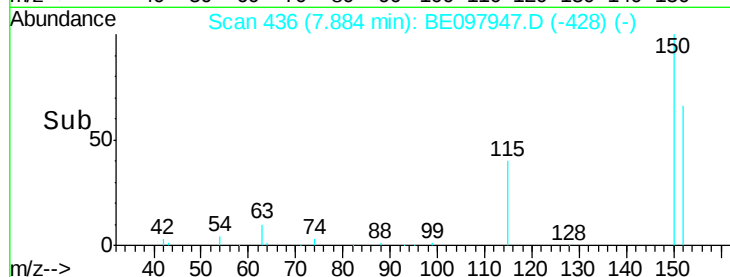
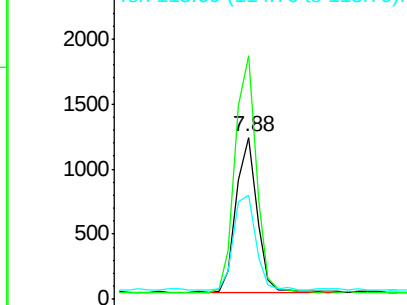
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion: 152 Resp: 2009
Ion Ratio Lower Upper
152 100
150 150.1 118.2 177.4
115 64.2 50.9 76.3



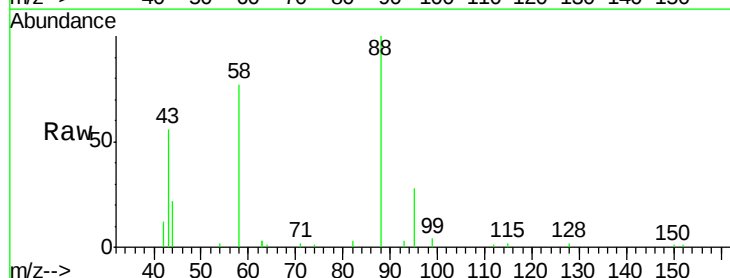
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



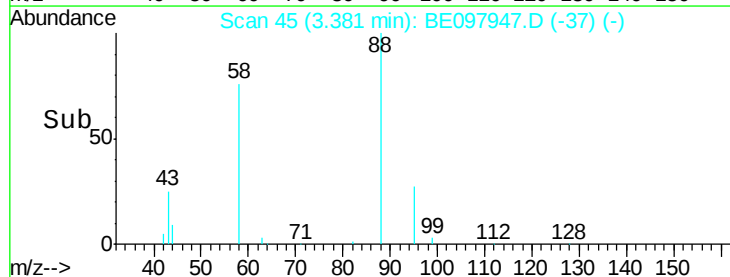
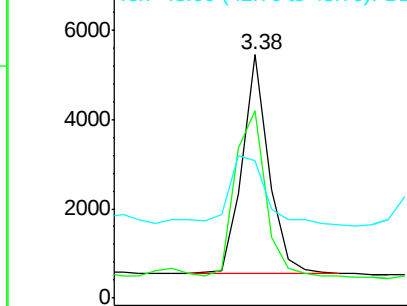
#2

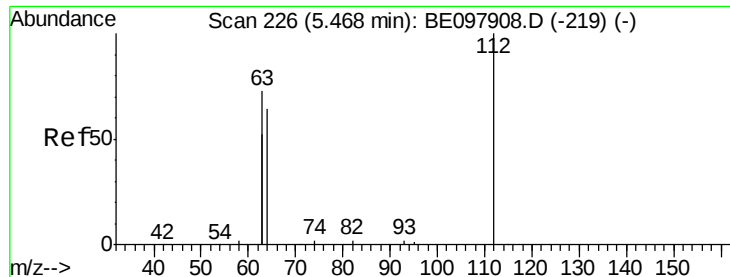
1,4-Dioxane
Concen: 1.800 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Tgt Ion: 88 Resp: 6306
Ion Ratio Lower Upper
88 100
58 86.2 73.2 109.8
43 45.4 36.9 55.3



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: 0.087 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097947.D

Acq: 17 Oct 2018 14:34

Instrument :

BNA_E

ClientSampleId :

RE-108D2-20181004DL

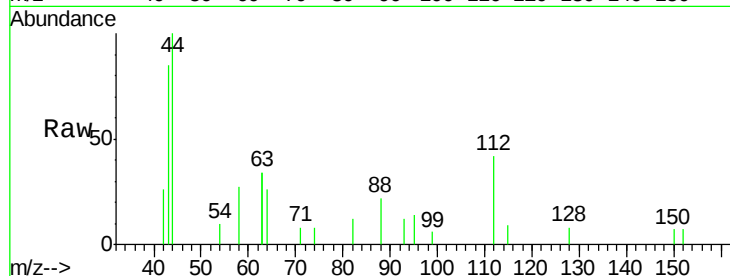
Tgt Ion: 112 Resp: 553

Ion Ratio Lower Upper

112 100

64 71.8 58.9 88.3

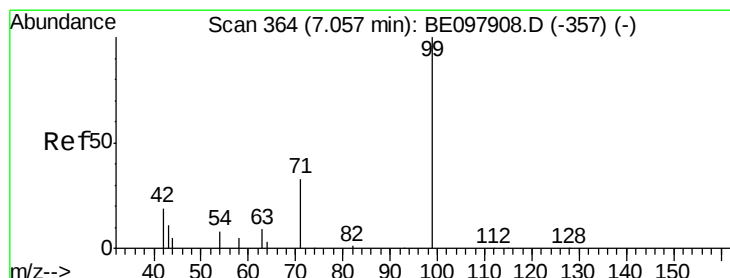
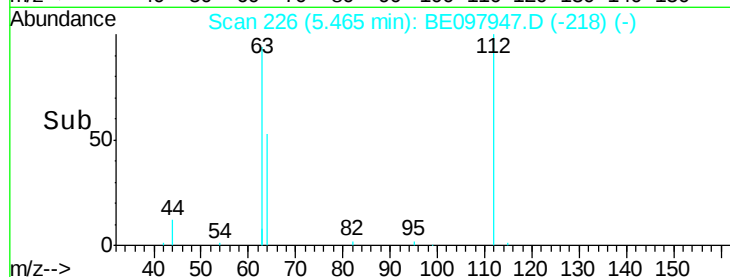
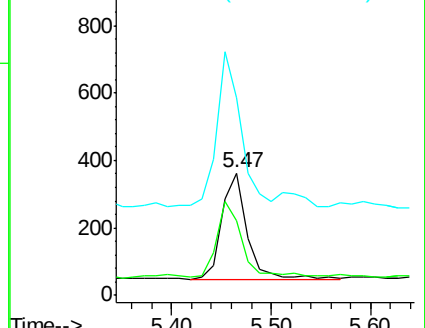
63 136.2 120.3 180.5



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: 0.050 ng

RT: 7.05 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097947.D

Acq: 17 Oct 2018 14:34

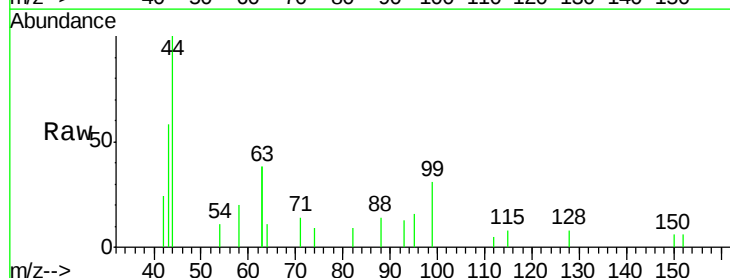
Tgt Ion: 99 Resp: 466

Ion Ratio Lower Upper

99 100

42 81.8 19.9 29.9#

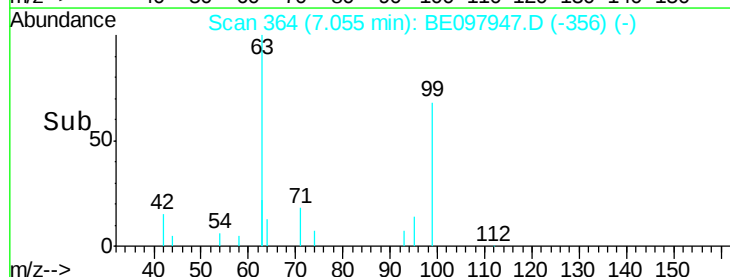
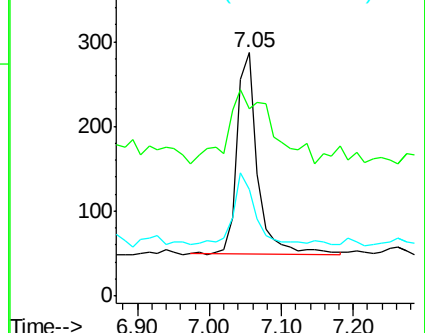
71 38.2 27.8 41.8

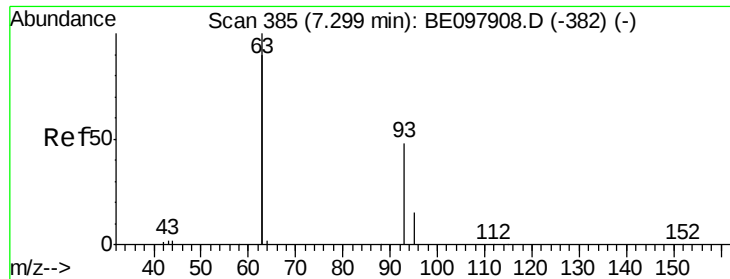


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.060 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097947.D

Acq: 17 Oct 2018 14:34

Instrument :

BNA_E

ClientSampleId :

RE-108D2-20181004DL

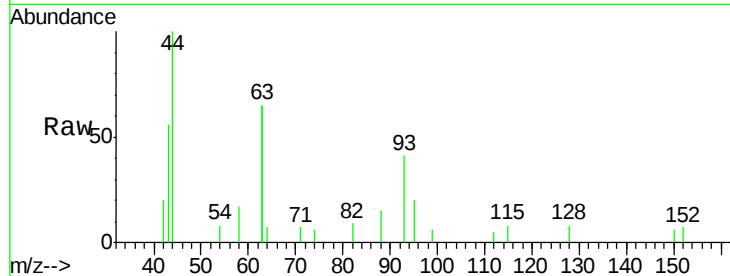
Tgt Ion: 93 Resp: 479

Ion Ratio Lower Upper

93 100

63 324.0 259.0 388.4

95 34.7 27.8 41.8

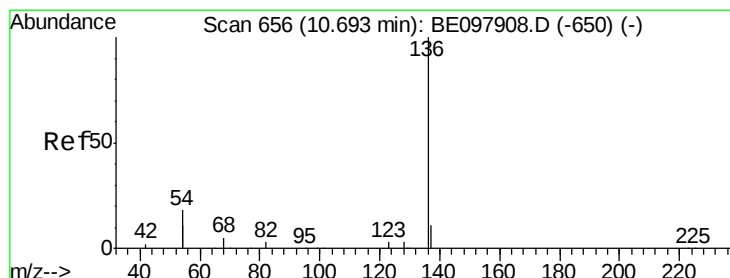
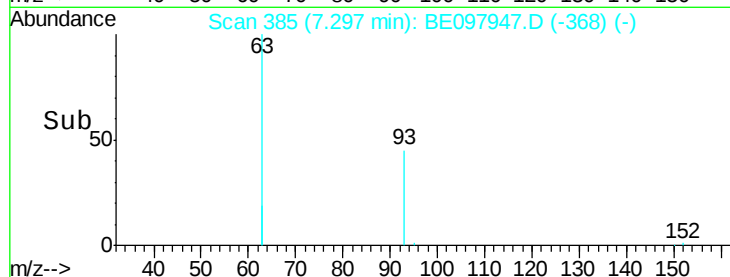
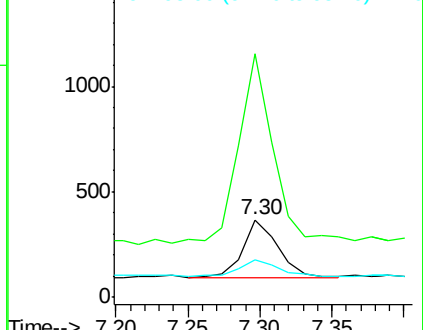


Abundance

Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097947.D

Acq: 17 Oct 2018 14:34

Tgt Ion: 136 Resp: 8698

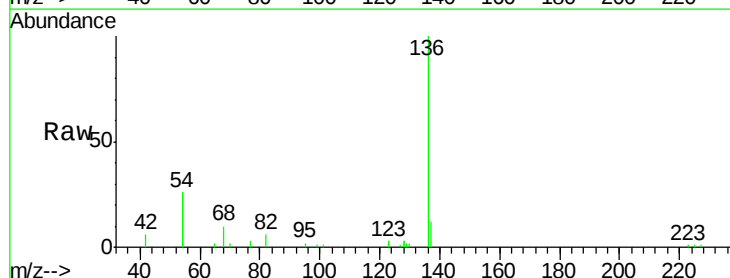
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 52.5 27.7 41.5#

68 10.4 5.3 7.9#



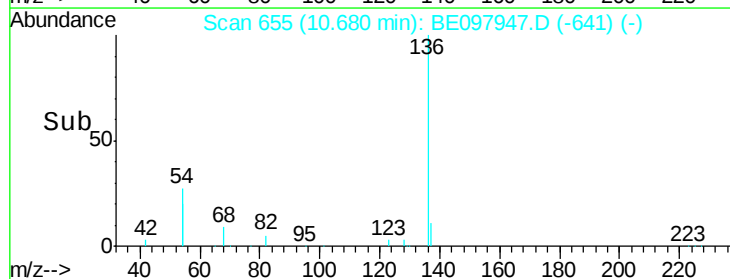
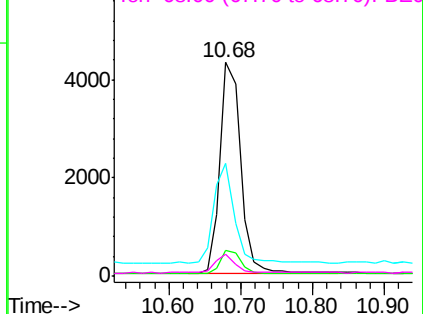
Abundance

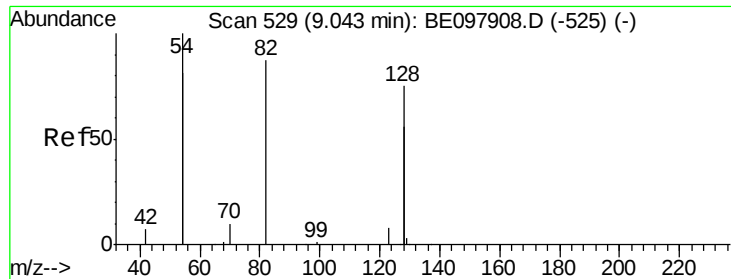
Ion 136.00 (135.70 to 136.70): E

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: 0.186 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097947.D

Acq: 17 Oct 2018 14:34

Instrument :

BNA_E

ClientSampleId :

RE-108D2-20181004DL

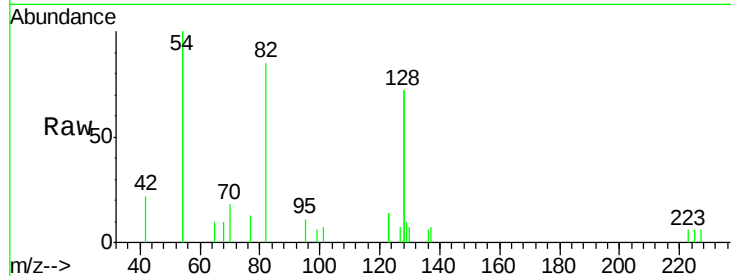
Tgt Ion: 82 Resp: 1529

Ion Ratio Lower Upper

82 100

128 169.0 129.9 194.9

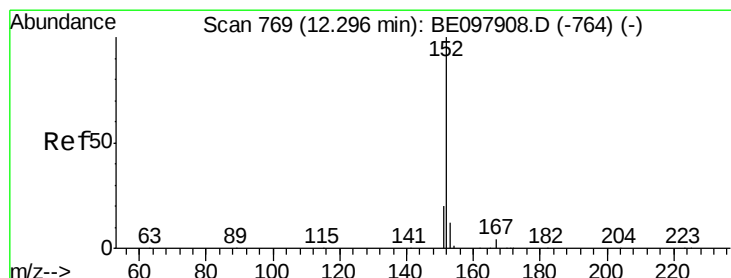
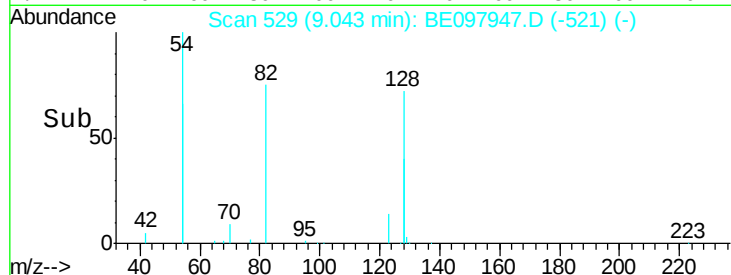
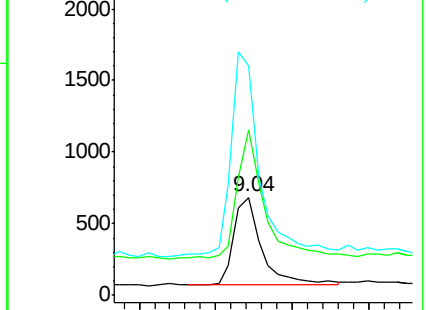
54 234.5 174.0 261.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.193 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097947.D

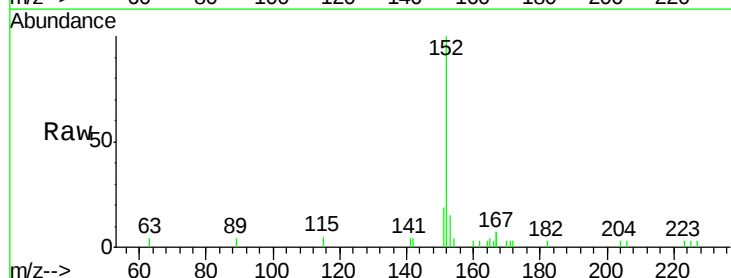
Acq: 17 Oct 2018 14:34

Tgt Ion: 152 Resp: 2793

Ion Ratio Lower Upper

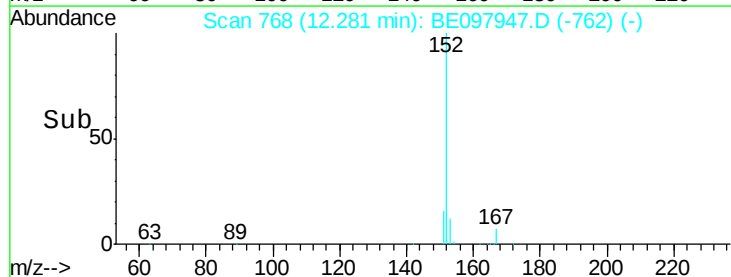
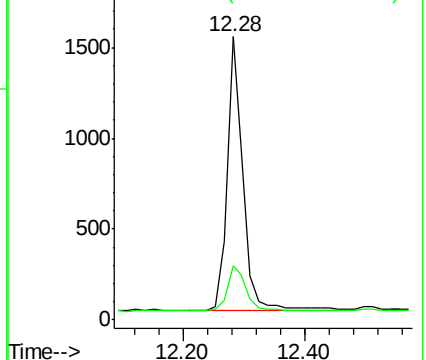
152 100

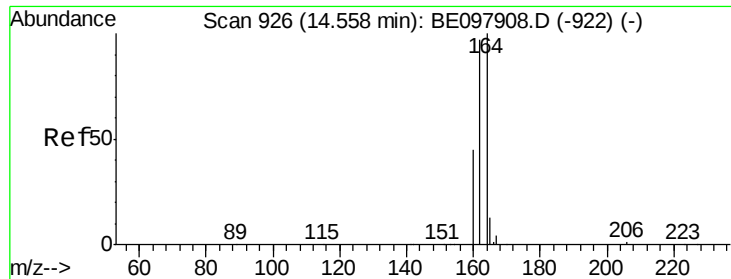
151 19.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

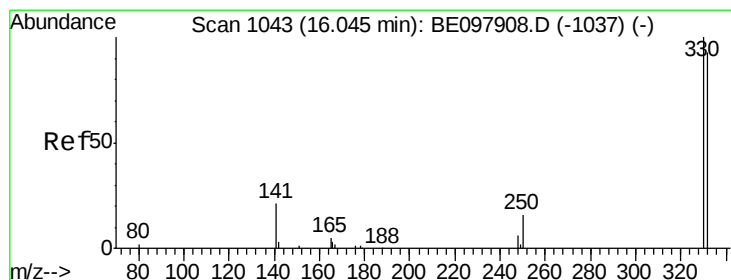
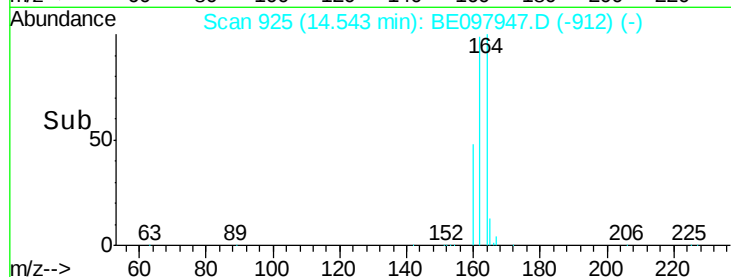
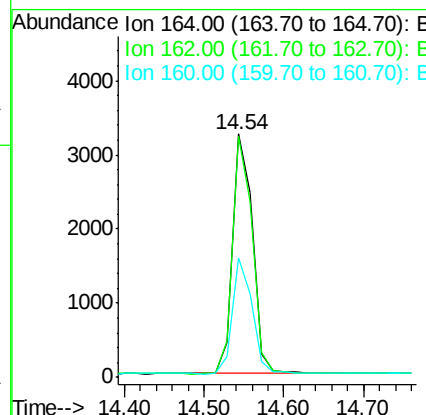
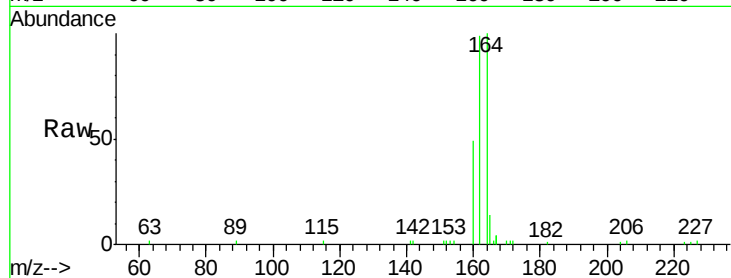




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097947.D
 Acq: 17 Oct 2018 14:34

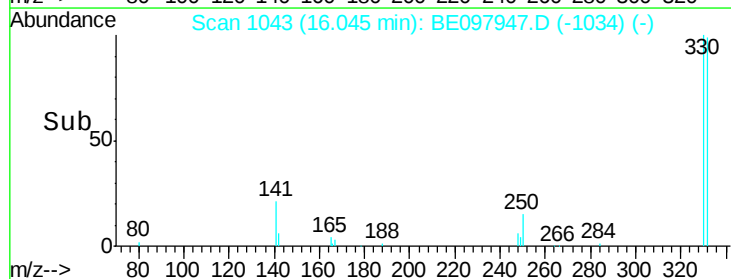
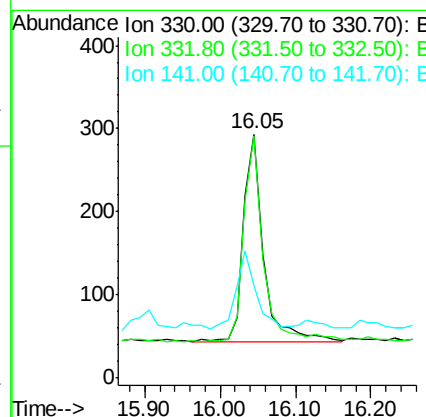
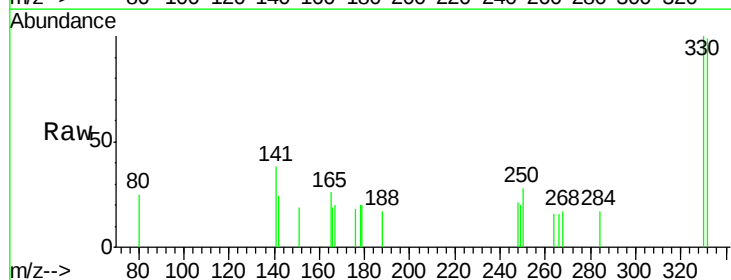
Instrument :
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 RE-108D2-20181004DL

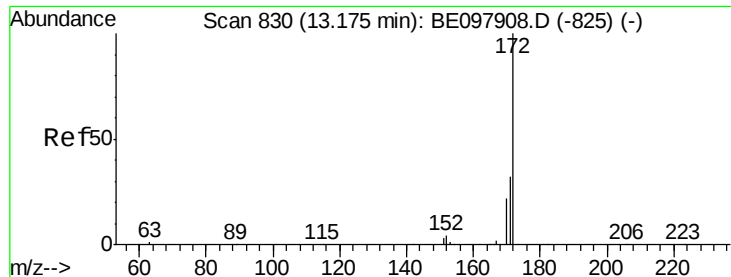
Tgt Ion:164 Resp: 5592
 Ion Ratio Lower Upper
 164 100
 162 99.1 77.4 116.2
 160 49.3 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.154 ng
 RT: 16.05 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097947.D
 Acq: 17 Oct 2018 14:34

Tgt Ion:330 Resp: 463
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.5 114.7
 141 38.0 31.8 47.6

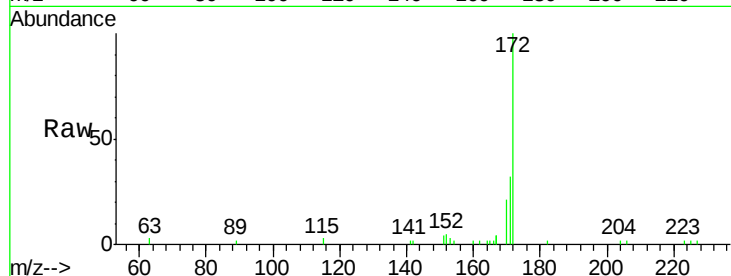




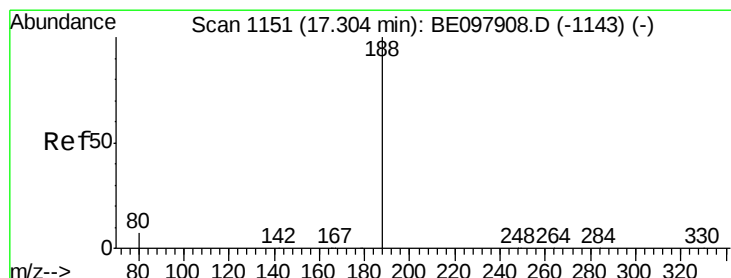
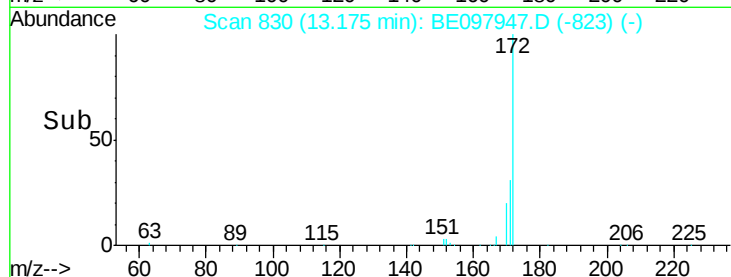
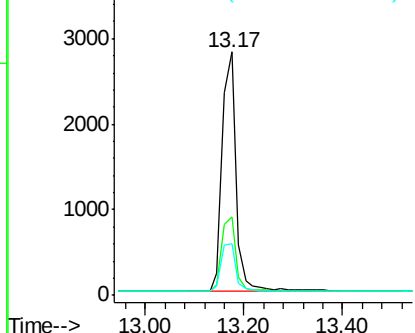
#15
2-Fluorobiphenyl
Concen: 0.237 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion:172 Resp: 5414
Ion Ratio Lower Upper
172 100
171 32.1 26.0 39.0
170 21.3 18.0 27.0

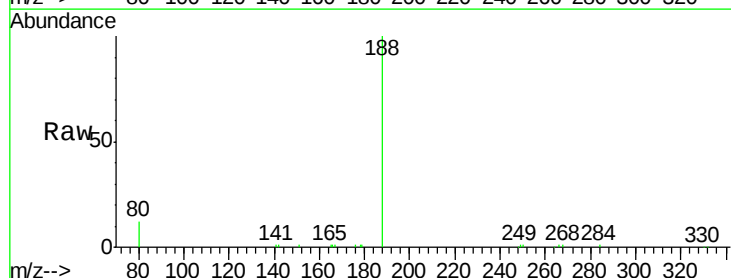


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

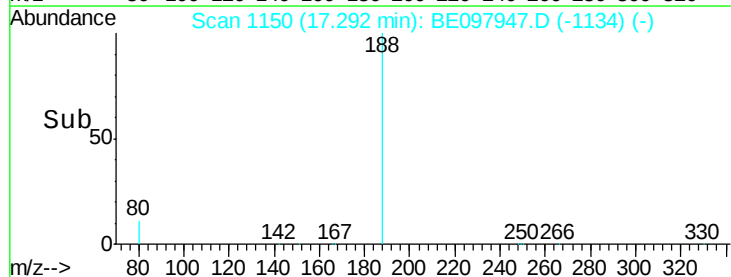
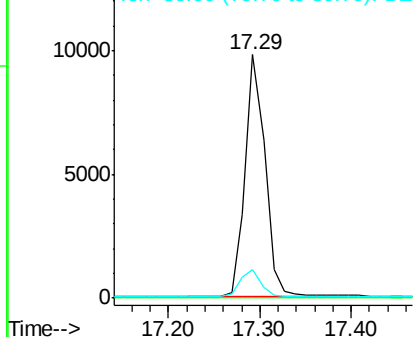


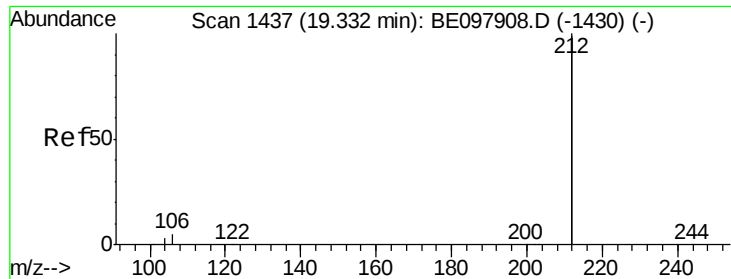
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Tgt Ion:188 Resp: 14940
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 6.3 9.5#



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: 0.185 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097947.D

Acq: 17 Oct 2018 14:34

Instrument :

BNA_E

ClientSampleId :

RE-108D2-20181004DL

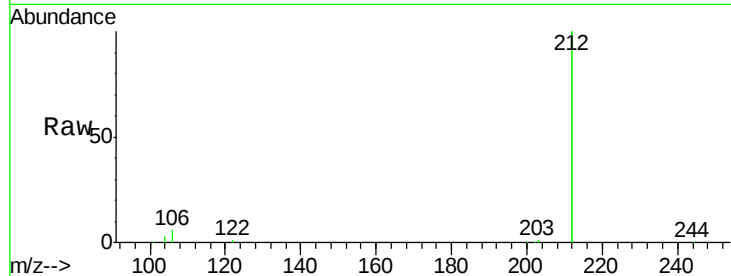
Tgt Ion:212 Resp: 37547

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

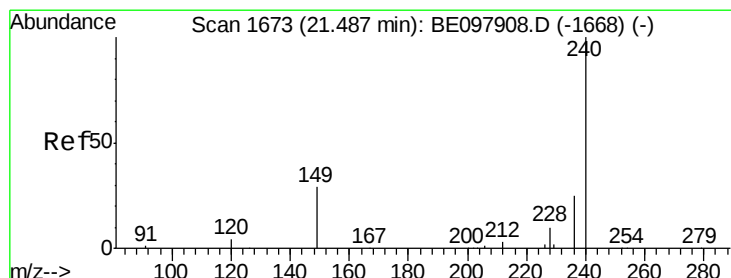
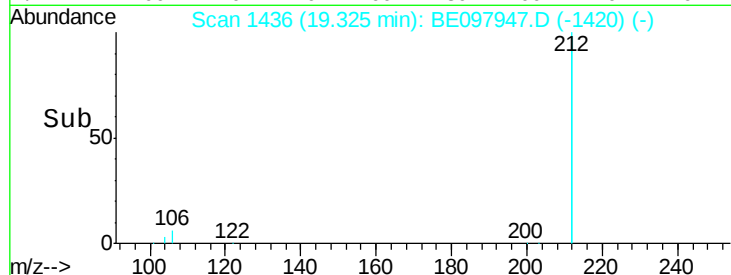
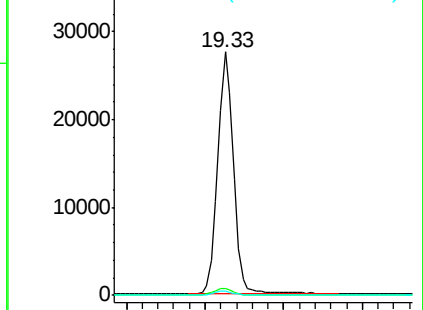
104 1.7 1.3 1.9



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: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097947.D

Acq: 17 Oct 2018 14:34

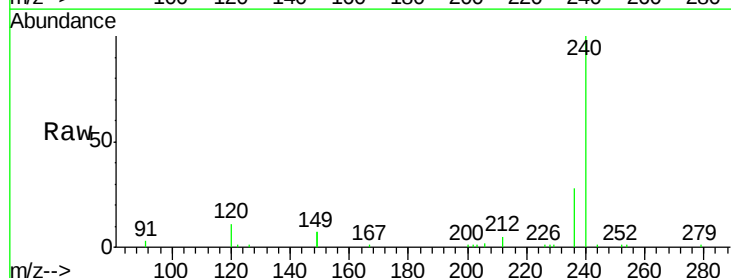
Tgt Ion:240 Resp: 17109

Ion Ratio Lower Upper

240 100

120 11.3 7.1 10.7#

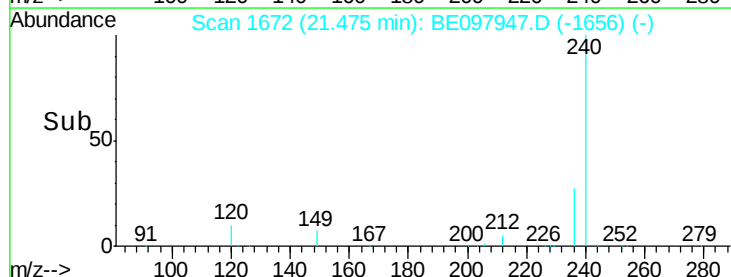
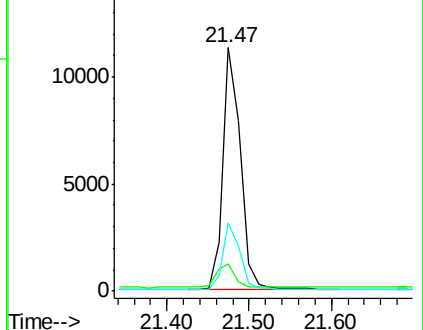
236 27.8 21.3 31.9

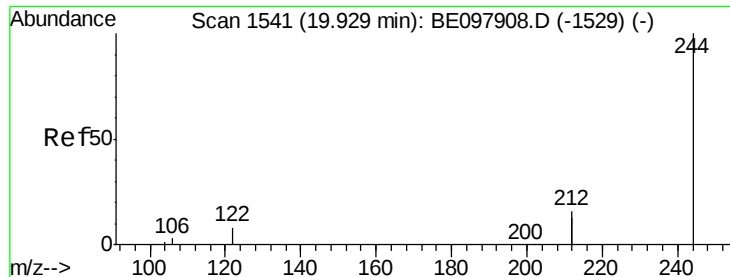


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.258 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097947.D

Acq: 17 Oct 2018 14:34

Instrument :

BNA_E

ClientSampleId :

RE-108D2-20181004DL

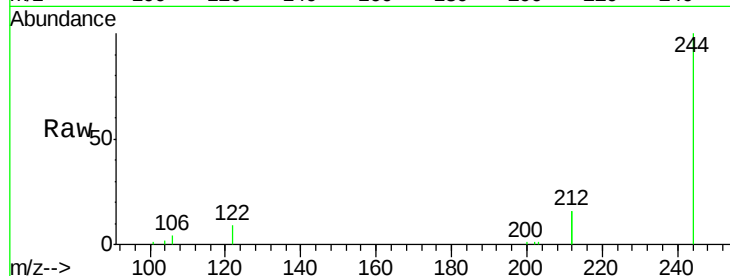
Tgt Ion:244 Resp: 10127

Ion Ratio Lower Upper

244 100

212 31.8 26.2 39.2

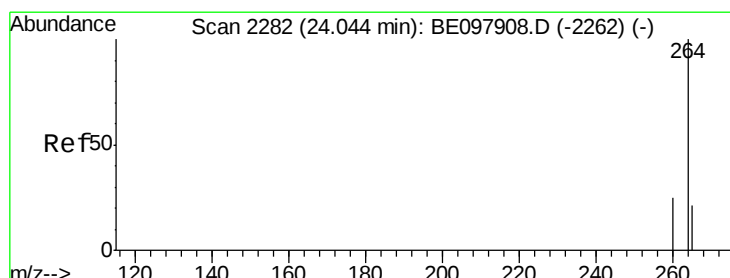
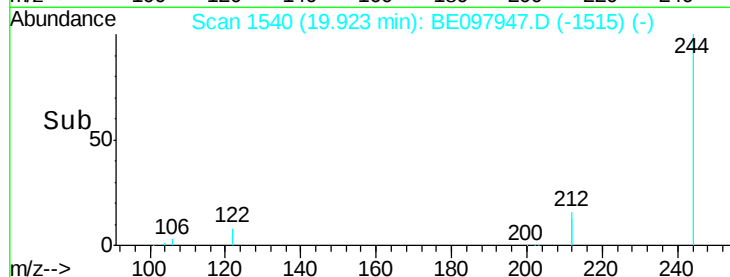
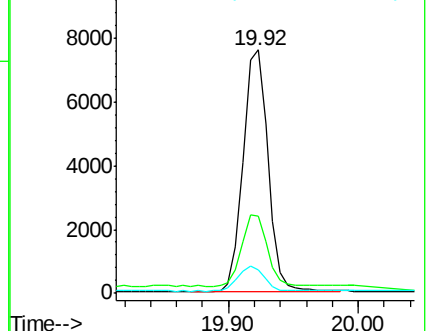
122 9.4 7.7 11.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097947.D

Acq: 17 Oct 2018 14:34

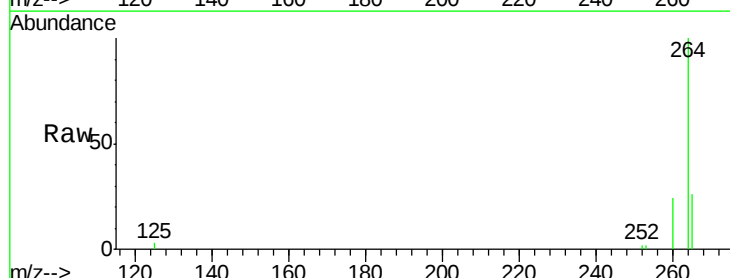
Tgt Ion:264 Resp: 17789

Ion Ratio Lower Upper

264 100

260 24.4 21.1 31.7

265 26.0 29.2 43.8#



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

