

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097752.D
 Acq On : 5 Oct 2018 13:20
 Operator : SJ/JU
 Sample : J5189-07DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-105D1-20180927DL

Quant Time: Oct 05 16:27:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

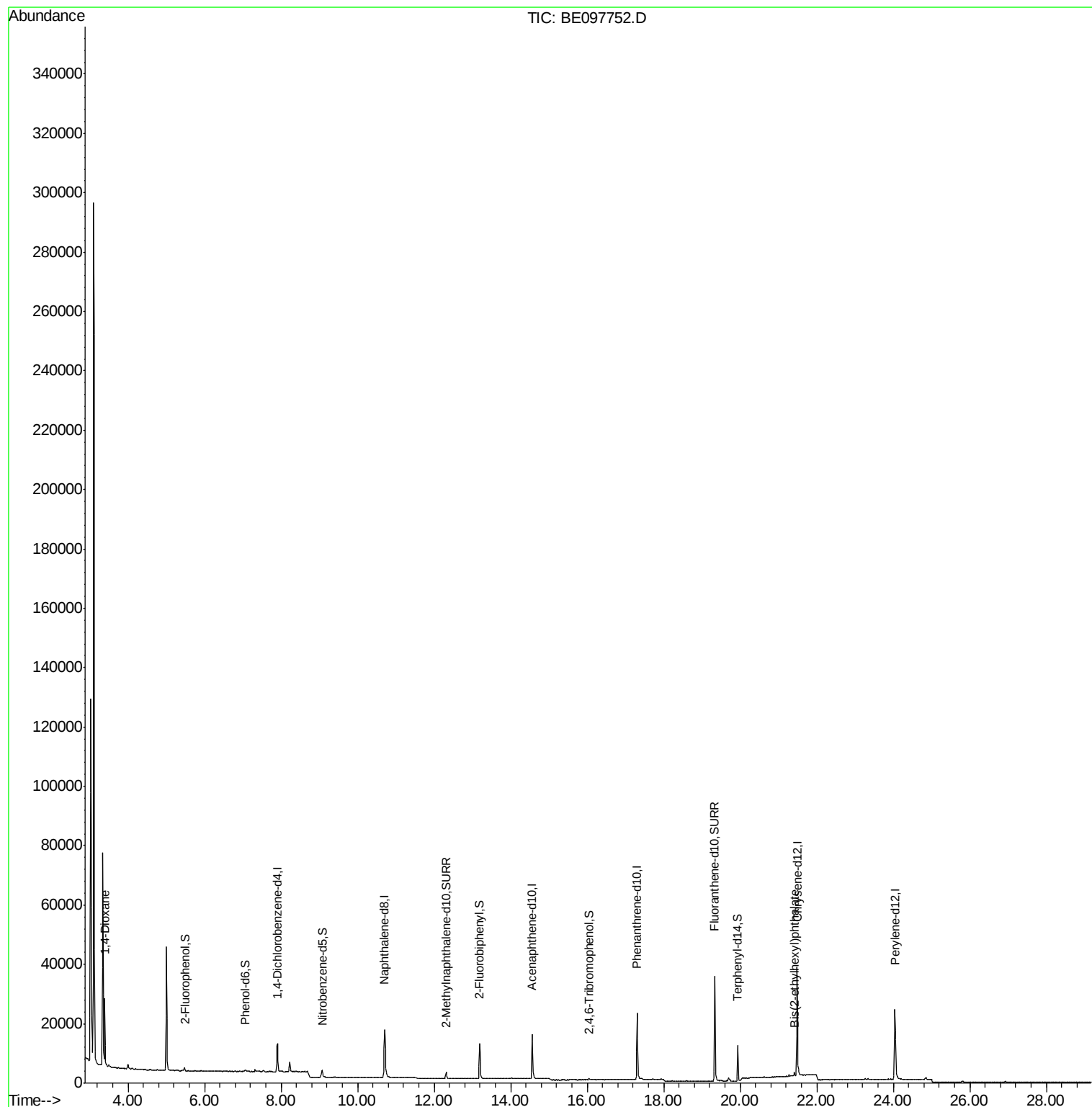
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	4988	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	19478	0.40	ng	0.01
13) Acenaphthene-d10	14.56	164	10631	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	31978	0.40	ng	0.00
27) Chrysene-d12	21.49	240	38619	0.40	ng	0.00
34) Perylene-d12	24.04	264	37318	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.48	112	600	0.05	ng	0.01
5) Phenol-d6	7.06	99	489	0.03	ng	0.01
8) Nitrobenzene-d5	9.07	82	1458	0.23	ng	0.03
11) 2-Methylnaphthalene-d10	12.31	152	3669	0.12	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	245	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	12620	0.27	ng	0.00
25) Fluoranthene-d10	19.33	212	51593	0.13	ng	0.00
29) Terphenyl-d14	19.94	244	10664	0.14	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	13193	1.327	ng	98
32) Bis(2-ethylhexyl)phthalate	21.41	149	1542	0.020	ng	# 99

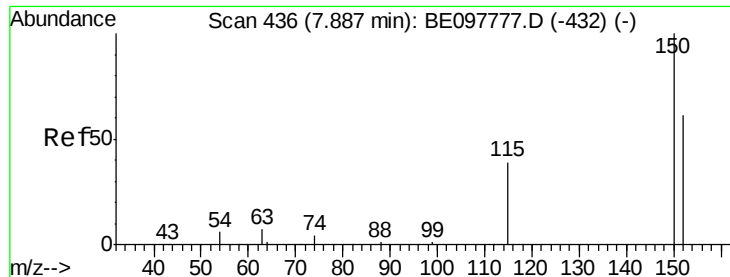
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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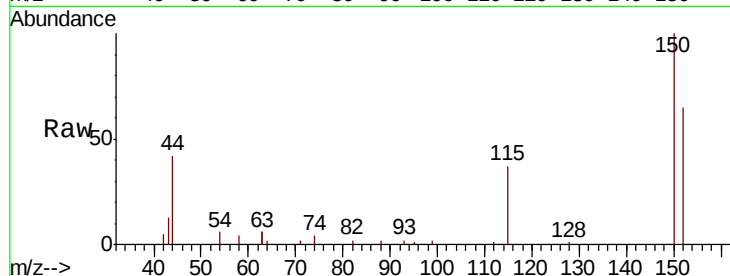


#1

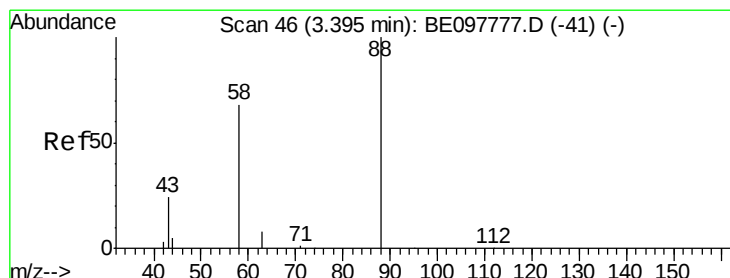
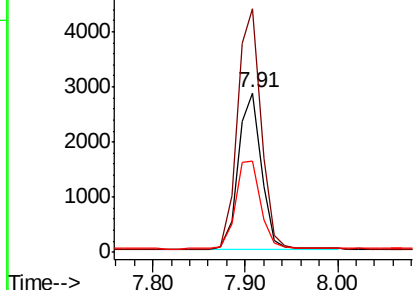
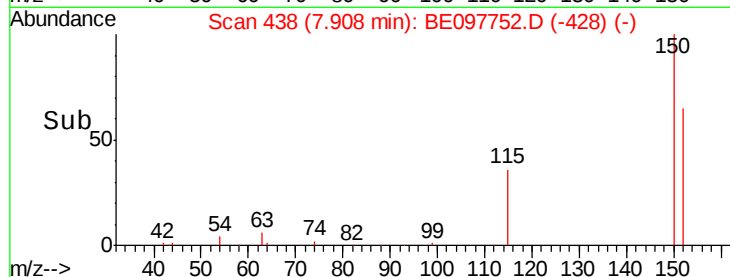
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 438
Delta R.T. 0.01 min
Lab File: BE097752.D
Acq: 5 Oct 2018 13:20

Instrument :
BNA_E
ClientSampleId :
RE-105D1-20180927DL

Tot Ion:152 Resp: 4988
Ion Ratio Lower Upper
152 100
150 152.9 120.9 181.3
115 57.3 46.6 69.8



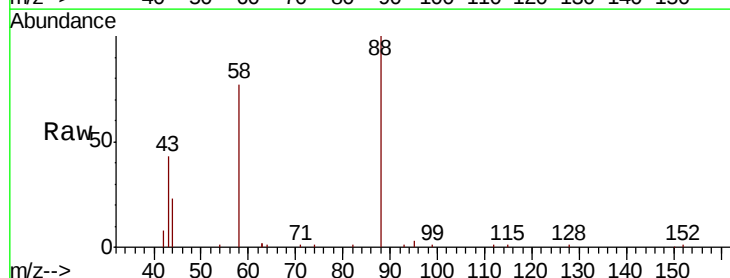
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



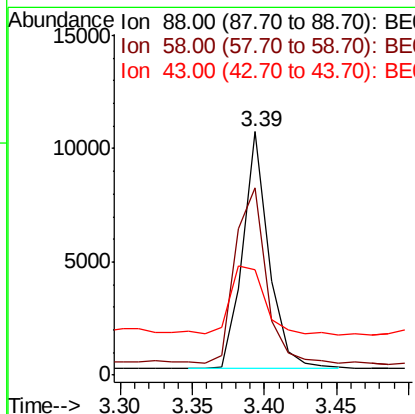
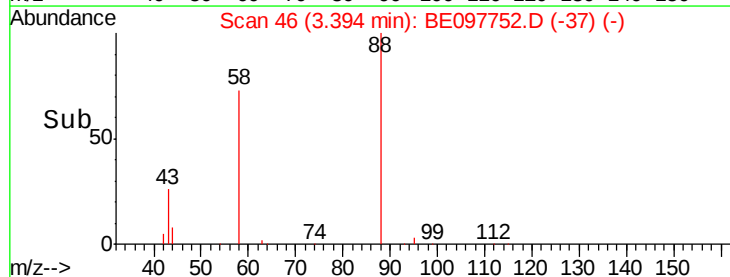
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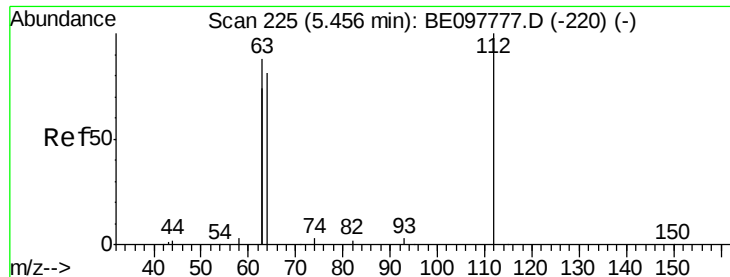
1,4-Dioxane
Concen: 1.327 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097752.D
Acq: 5 Oct 2018 13:20

Tgt Ion: 88 Resp: 13193
Ion Ratio Lower Upper
88 100
58 85.5 70.8 106.2
43 41.0 33.3 49.9



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: 0.051 ng

RT: 5.48 min Scan# 227

Delta R.T. 0.01 min

Lab File: BE097752.D

Acq: 5 Oct 2018 13:20

Instrument :

BNA_E

ClientSampleId :

RE-105D1-20180927DL

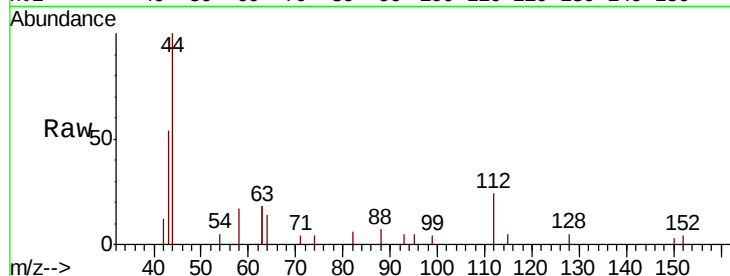
Tot Ion: 112 Resp: 600

Ion Ratio Lower Upper

112 100

64 72.5 56.6 84.8

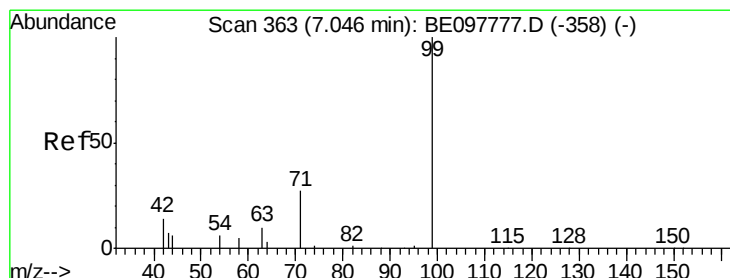
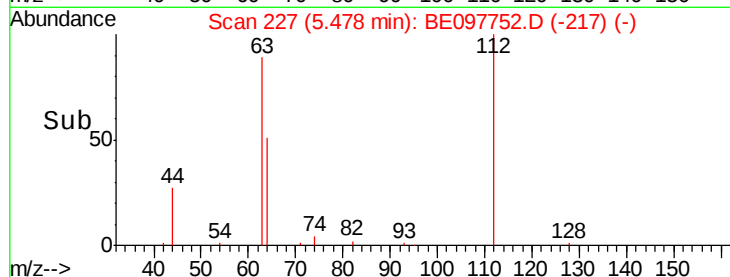
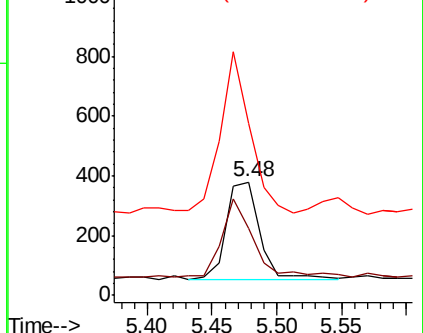
63 143.0 119.4 179.0



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: 0.027 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE097752.D

Acq: 5 Oct 2018 13:20

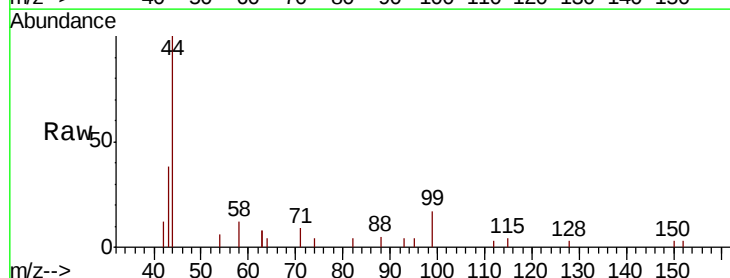
Tgt Ion: 99 Resp: 489

Ion Ratio Lower Upper

99 100

42 42.7 19.9 29.9#

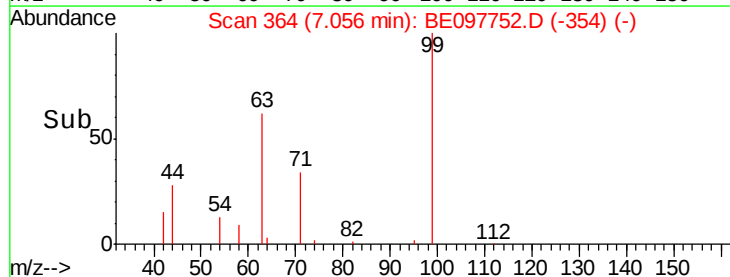
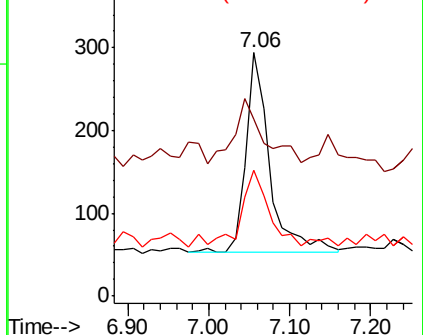
71 46.8 25.4 38.2#

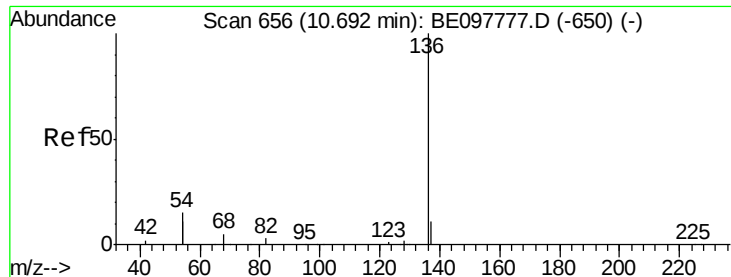


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.71 min Scan# 657

Delta R.T. 0.01 min

Lab File: BE097752.D

Acq: 5 Oct 2018 13:20

Instrument :

BNA_E

ClientSampleId :

RE-105D1-20180927DL

Tot Ion:136 Resp: 19478

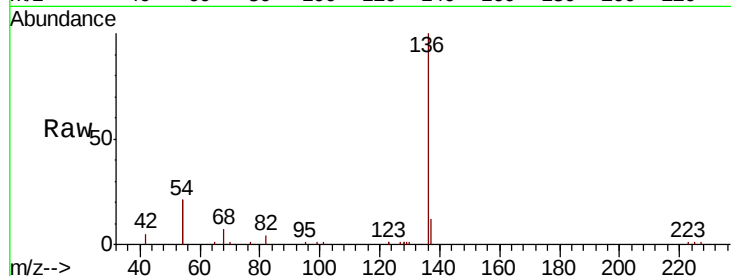
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.4

54 41.4 37.8 56.6

68 6.9 6.4 9.6

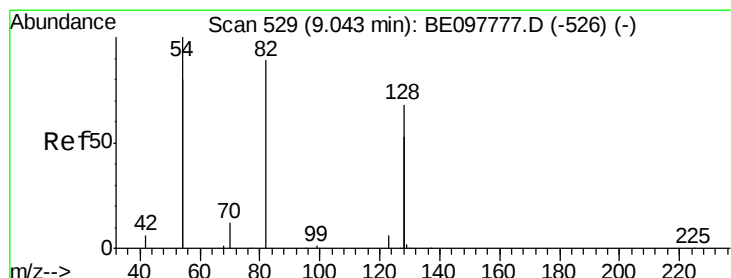
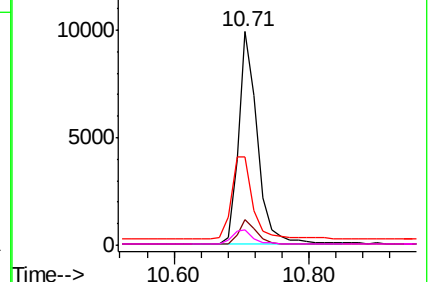
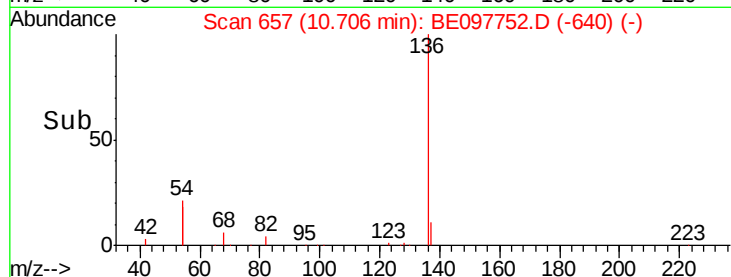


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.231 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.03 min

Lab File: BE097752.D

Acq: 5 Oct 2018 13:20

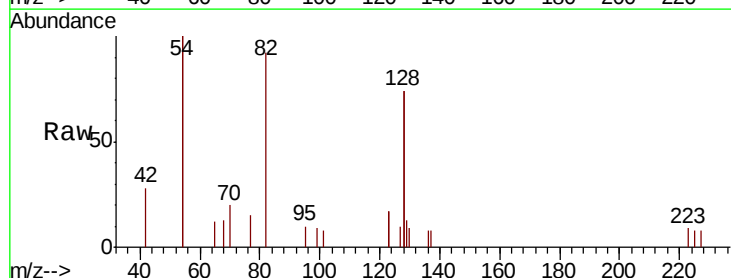
Tgt Ion: 82 Resp: 1458

Ion Ratio Lower Upper

82 100

128 160.9 97.0 145.4#

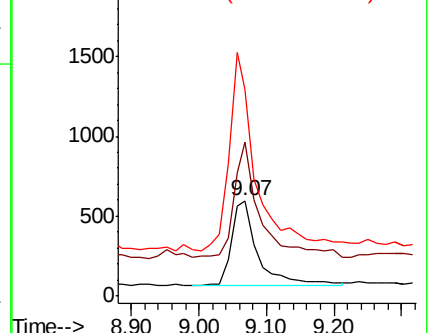
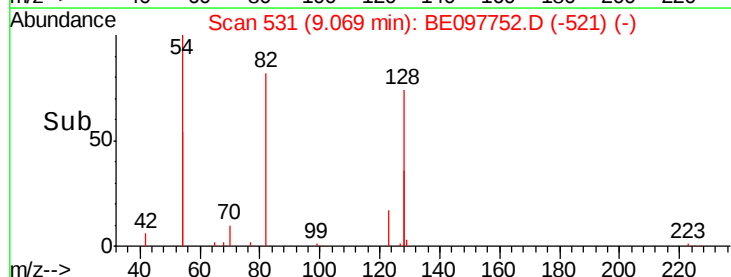
54 216.4 206.9 310.3

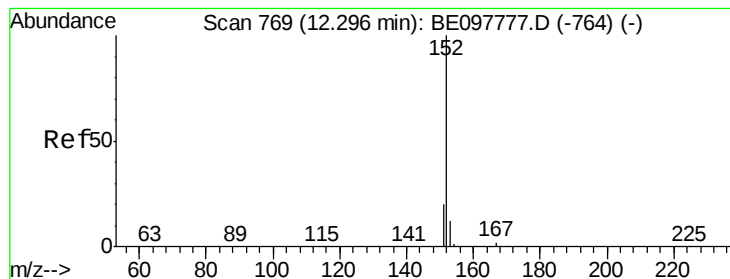


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

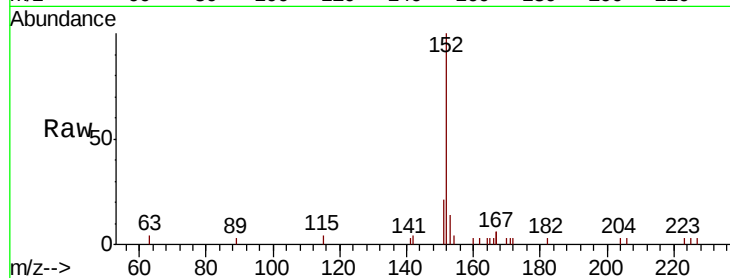




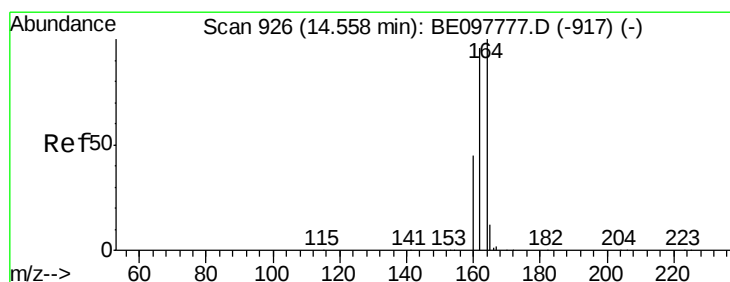
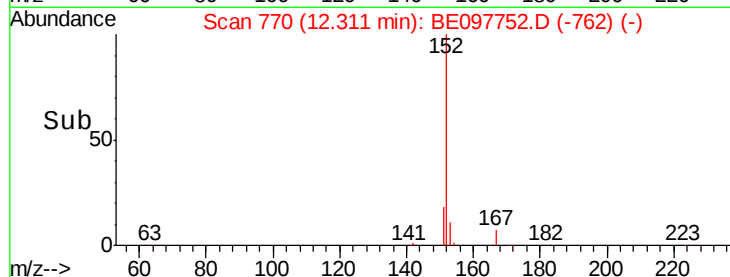
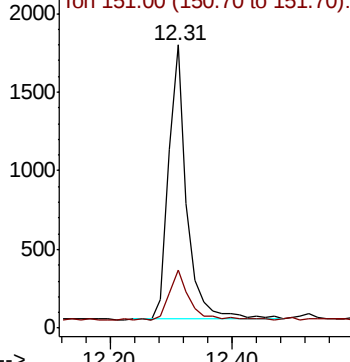
#11
 2-Methylnaphthalene-d10
 Concen: 0.118 ng
 RT: 12.31 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BE097752.D
 Acq: 5 Oct 2018 13:20

Instrument :
 BNA_E
 ClientSampleId :
 RE-105D1-20180927DL

Tot Ion:152 Resp: 3669
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.4 23.2

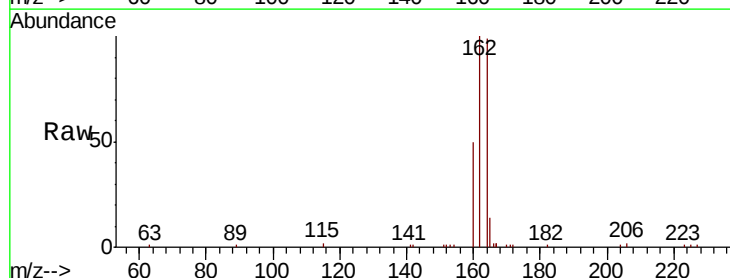


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

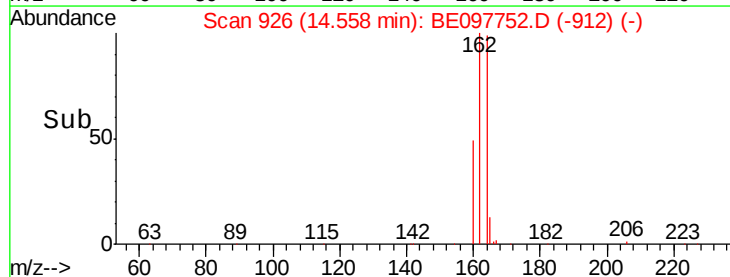
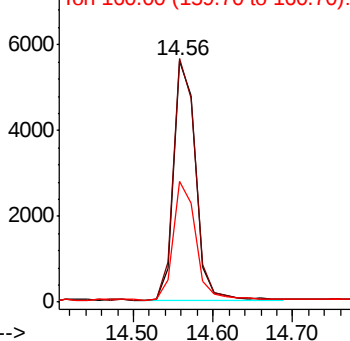


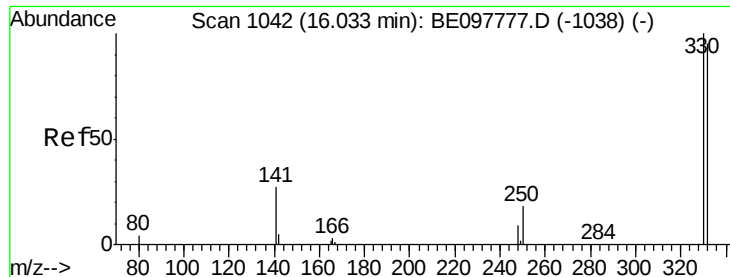
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097752.D
 Acq: 5 Oct 2018 13:20

Tgt Ion:164 Resp: 10631
 Ion Ratio Lower Upper
 164 100
 162 100.9 78.6 117.8
 160 50.0 37.8 56.6



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

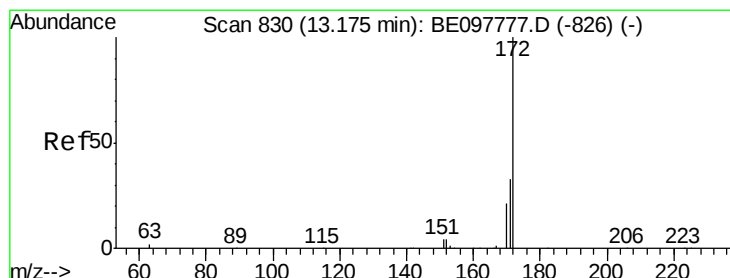
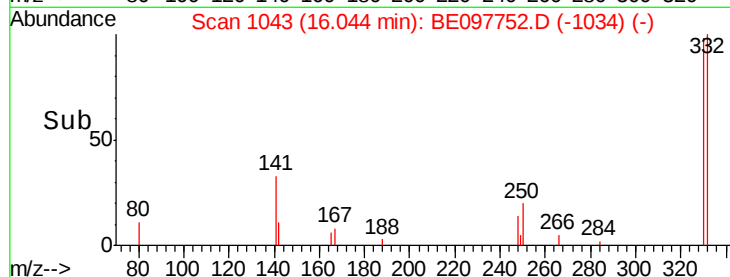
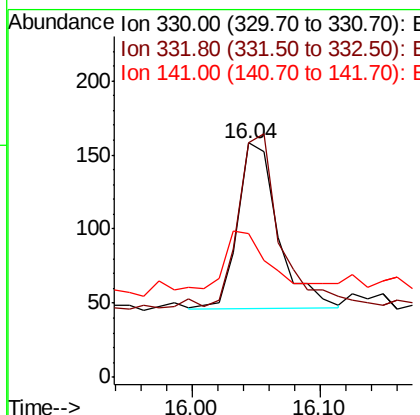
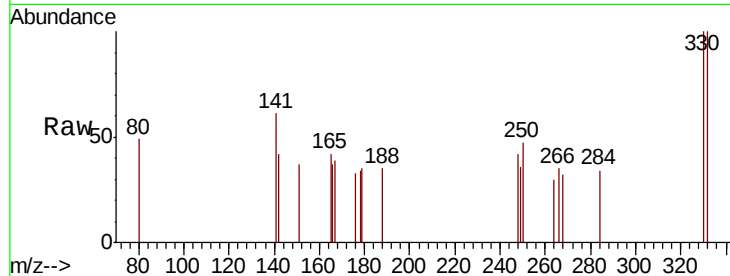




#14
 2,4,6-Tribromophenol
 Concen: 0.127 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097752.D
 Acq: 5 Oct 2018 13:20

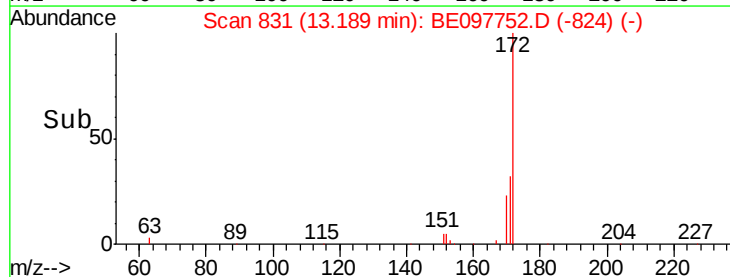
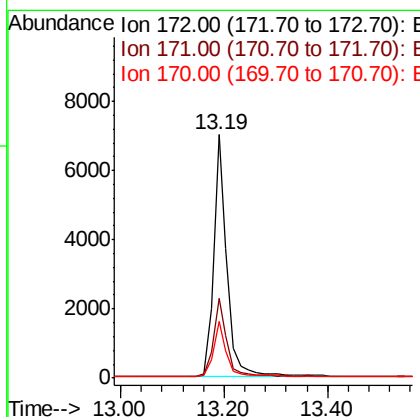
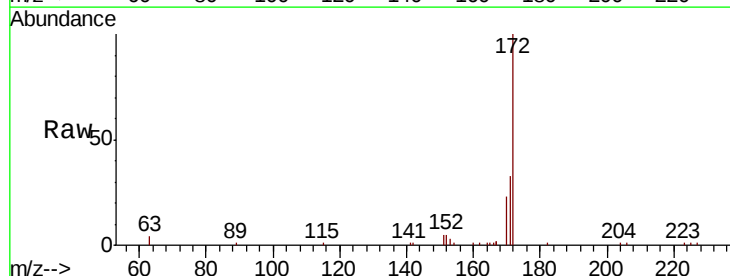
Instrument :
 BNA_E
 ClientSampleId :
 RE-105D1-20180927DL

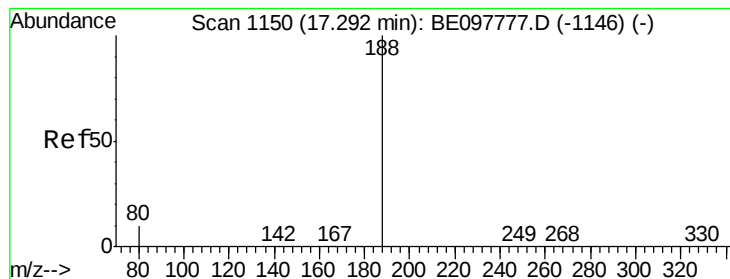
Tot Ion:330 Resp: 245
 Ion Ratio Lower Upper
 330 100
 332 112.2 83.5 125.3
 141 0.0 34.9 52.3#



#15
 2-Fluorobiphenyl
 Concen: 0.270 ng
 RT: 13.19 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BE097752.D
 Acq: 5 Oct 2018 13:20

Tgt Ion:172 Resp: 12620
 Ion Ratio Lower Upper
 172 100
 171 32.8 25.2 37.8
 170 23.2 16.2 24.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097752.D

Acq: 5 Oct 2018 13:20

Instrument :

BNA_E

ClientSampleId :

RE-105D1-20180927DL

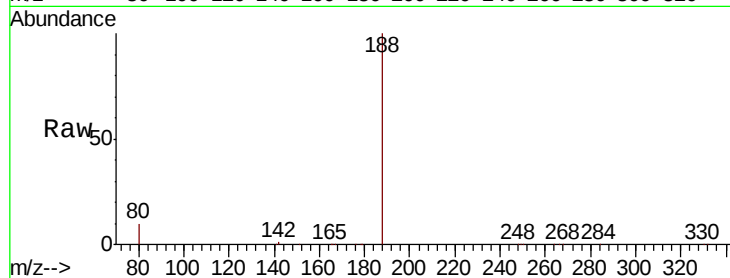
Tot Ion:188 Resp: 31978

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

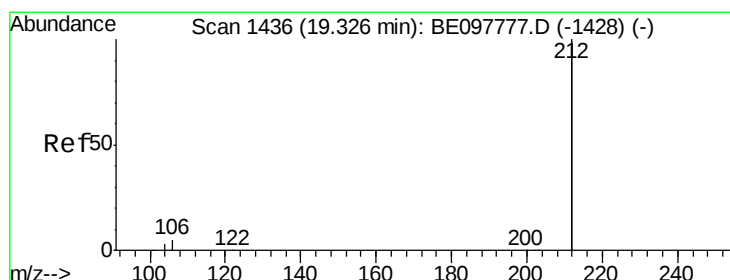
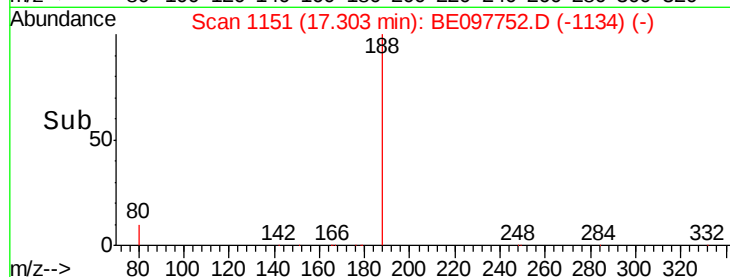
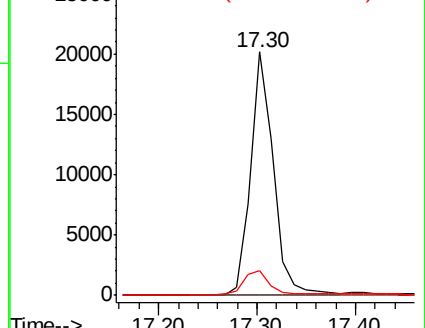
80 10.3 6.6 9.8#



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: 0.127 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097752.D

Acq: 5 Oct 2018 13:20

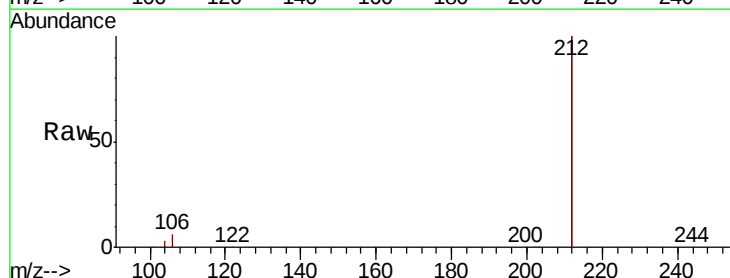
Tgt Ion:212 Resp: 51593

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

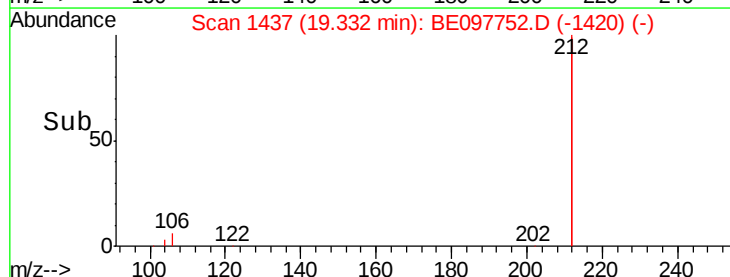
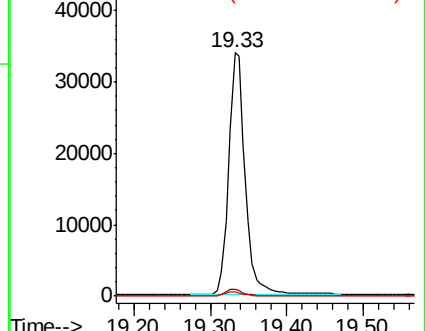
104 1.6 1.2 1.8

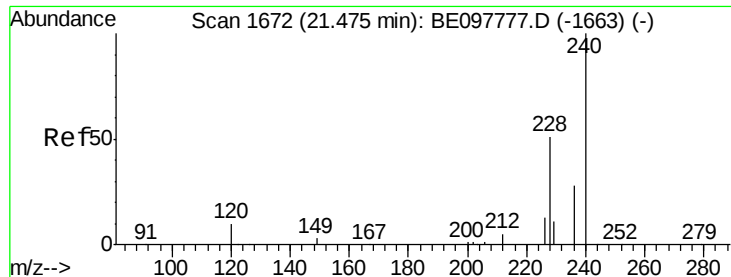


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

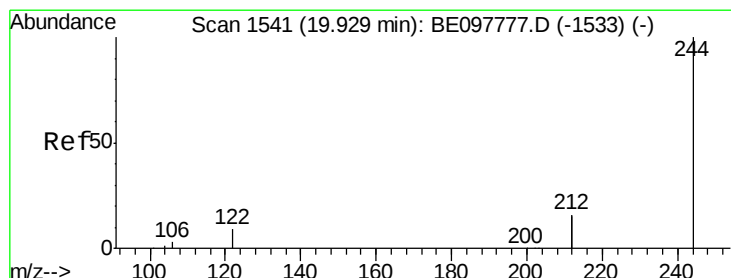
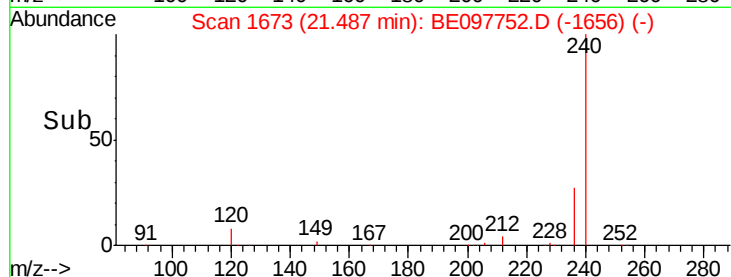
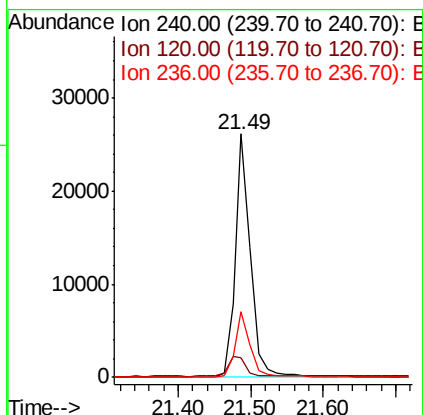
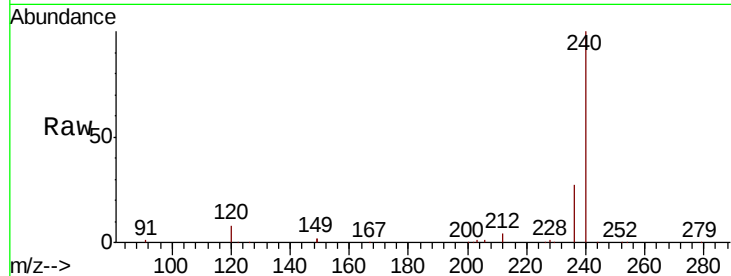




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BE097752.D
 Acq: 5 Oct 2018 13:20

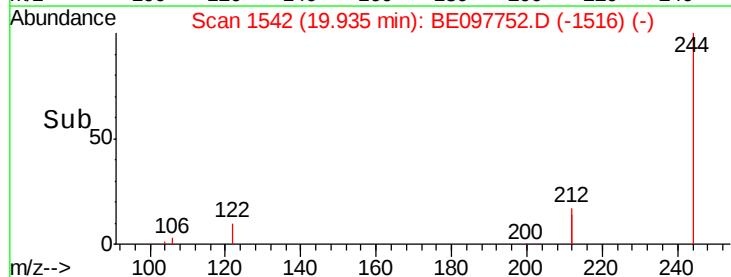
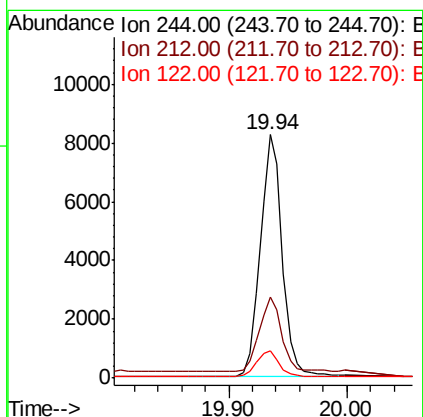
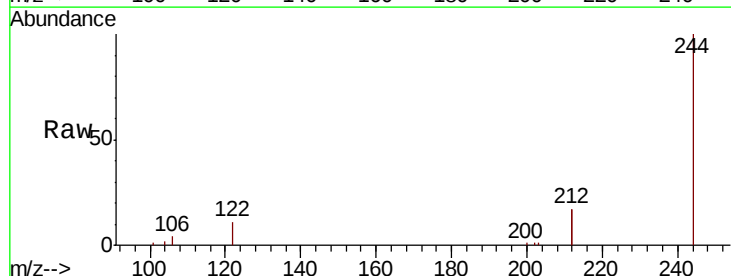
Instrument :
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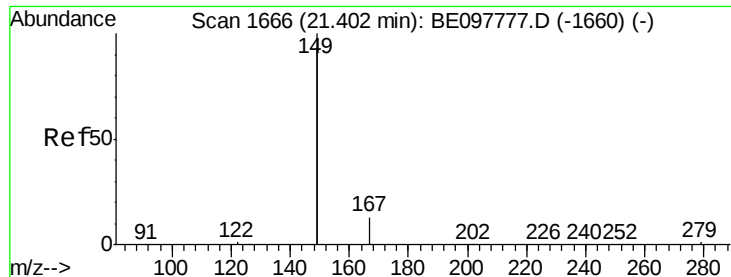
Tot Ion:240 Resp: 38619
 Ion Ratio Lower Upper
 240 100
 120 8.2 4.7 7.1#
 236 26.9 20.8 31.2



#29
 Terphenyl-d14
 Concen: 0.135 ng
 RT: 19.94 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BE097752.D
 Acq: 5 Oct 2018 13:20

Tgt Ion:244 Resp: 10664
 Ion Ratio Lower Upper
 244 100
 212 33.4 25.8 38.8
 122 11.0 8.7 13.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.020 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097752.D

Acq: 5 Oct 2018 13:20

Instrument :

BNA_E

ClientSampleId :

RE-105D1-20180927DL

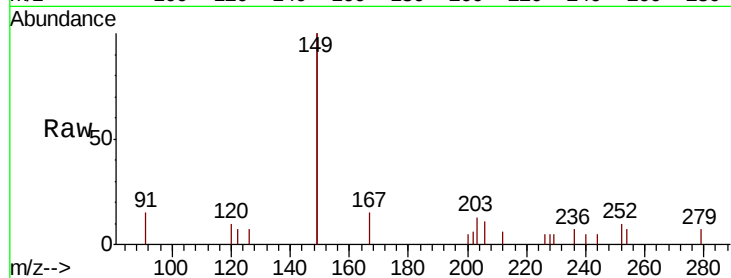
Tot Ion:149 Resp: 1542

Ion Ratio Lower Upper

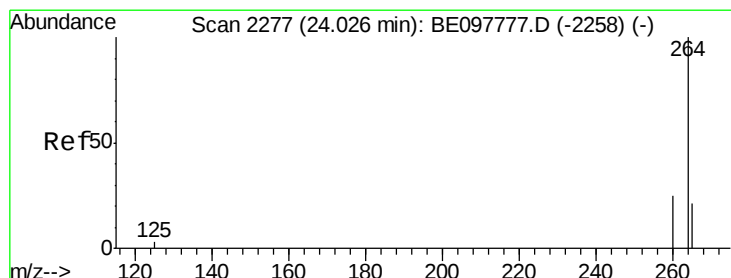
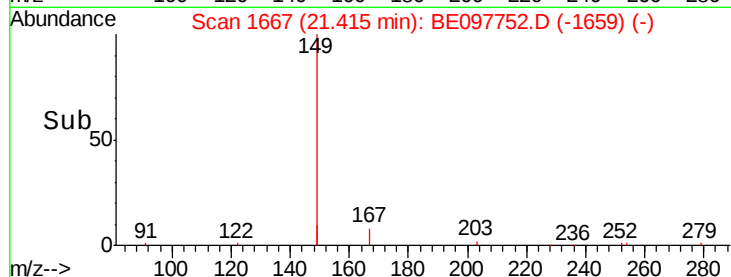
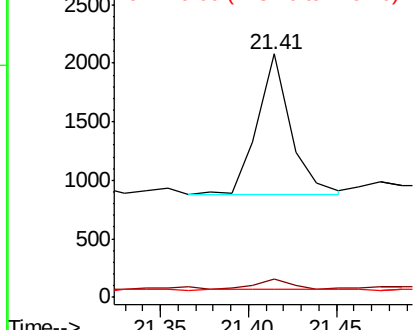
149 100

167 6.6 5.5 8.3

279 0.0 0.9 1.3#



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

Perylene-d12

Concen: 0.400 ng

RT: 24.04 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE097752.D

Acq: 5 Oct 2018 13:20

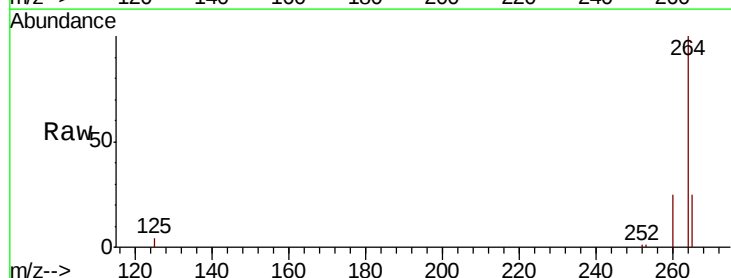
Tgt Ion:264 Resp: 37318

Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 24.6 21.9 32.9



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

