

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097933.D
 Acq On : 17 Oct 2018 6:00
 Operator : SJ/JU
 Sample : J5317-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D2-IMP-20181004

Quant Time: Oct 17 08:51:44 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

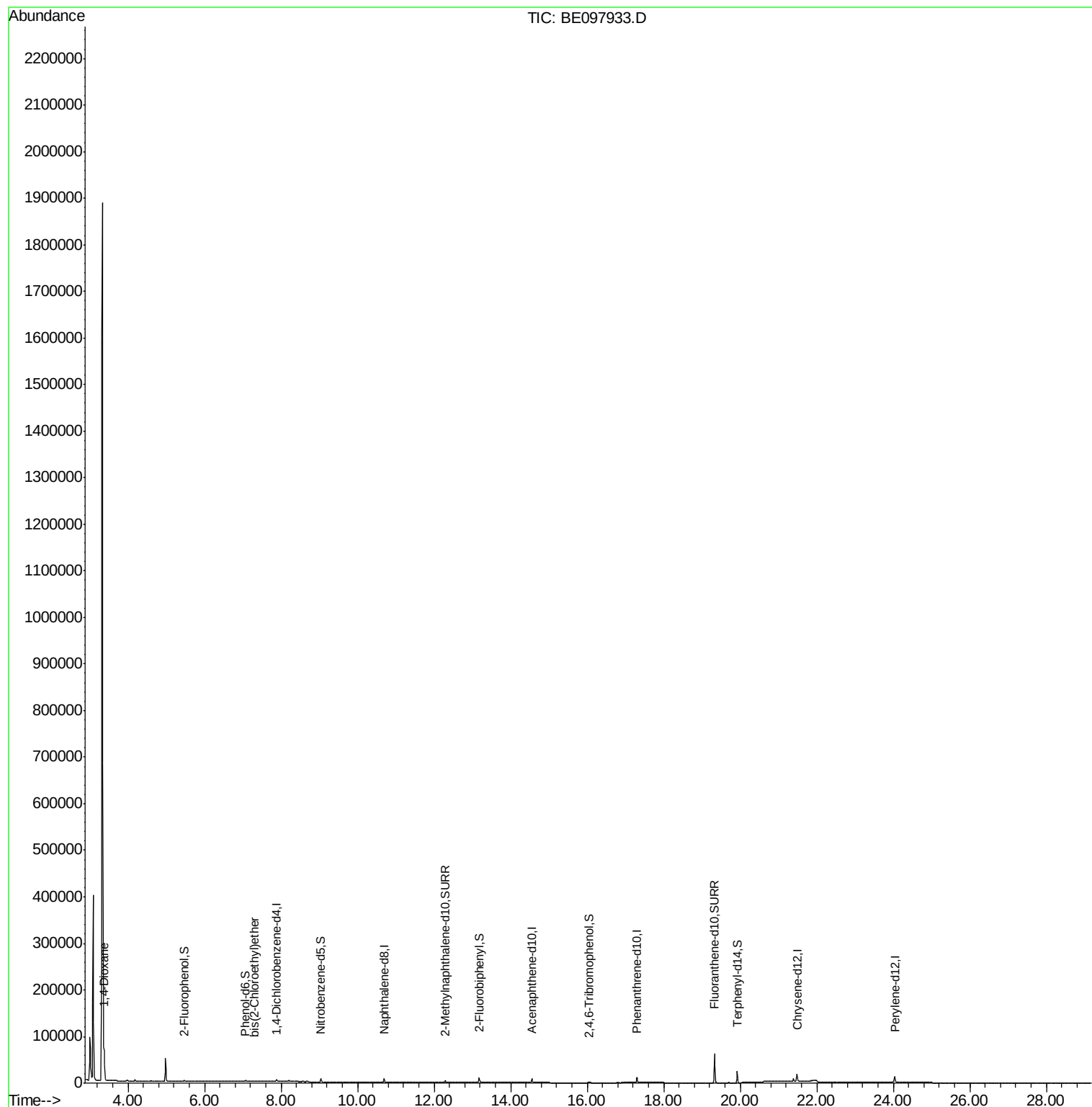
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2101	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8785	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5840	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	16739	0.40	ng	0.00
27) Chrysene-d12	21.49	240	17545	0.40	ng	0.00
34) Perylene-d12	24.04	264	18131	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1196	0.18	ng	0.00
5) Phenol-d6	7.06	99	1019	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	3197	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	5482	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	893	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	10929	0.46	ng	0.00
25) Fluoranthene-d10	19.33	212	84269	0.37	ng	0.00
29) Terphenyl-d14	19.92	244	21245	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	18030	4.922	ng	Qvalue # 90
6) bis(2-Chloroethyl)ether	7.30	93	278	0.033	ng	83

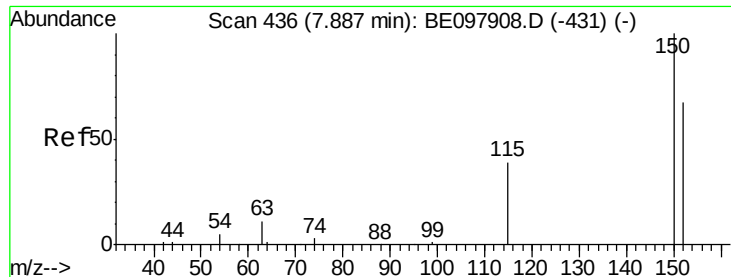
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. 0.00 min

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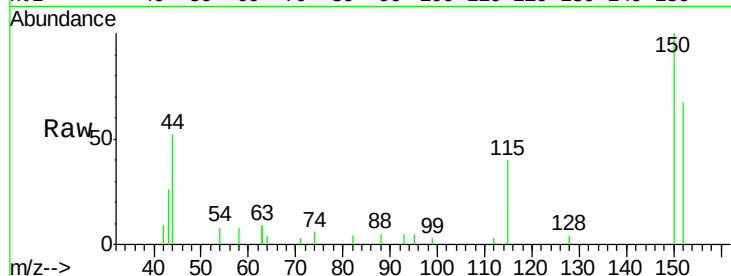
Tgt Ion:152 Resp: 2101

Ion Ratio Lower Upper

152 100

150 148.8 118.2 177.4

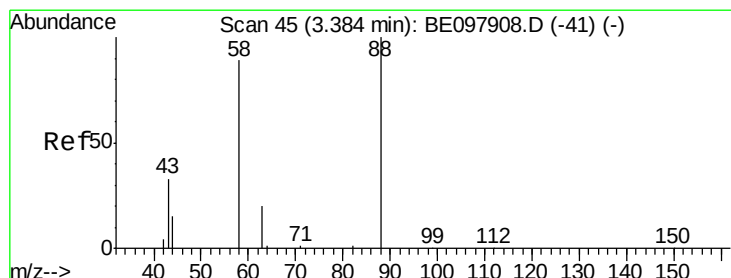
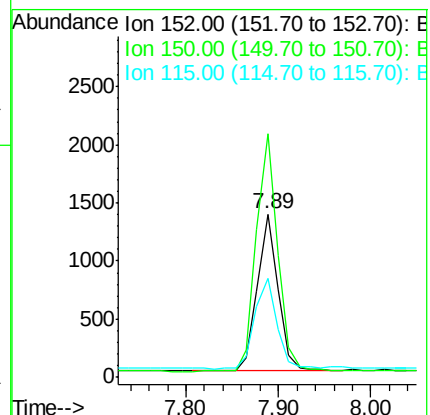
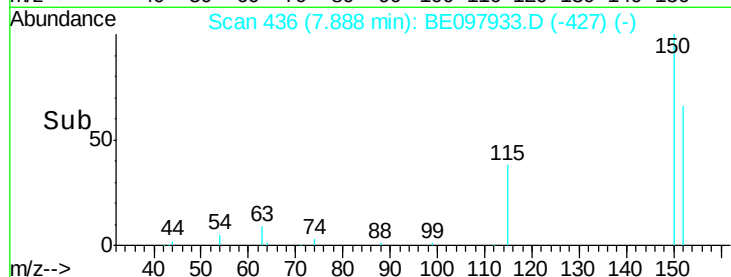
115 60.2 50.9 76.3



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: 4.922 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097933.D

Acq: 17 Oct 2018 6:00

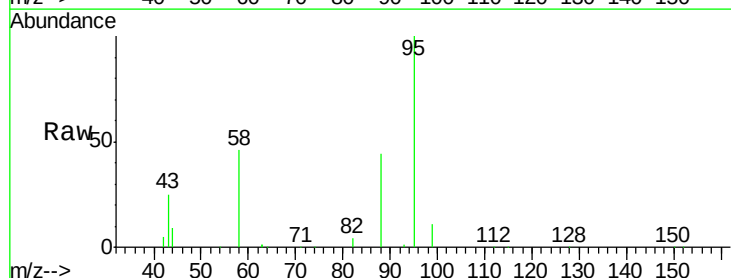
Tgt Ion: 88 Resp: 18030

Ion Ratio Lower Upper

88 100

58 84.7 73.2 109.8

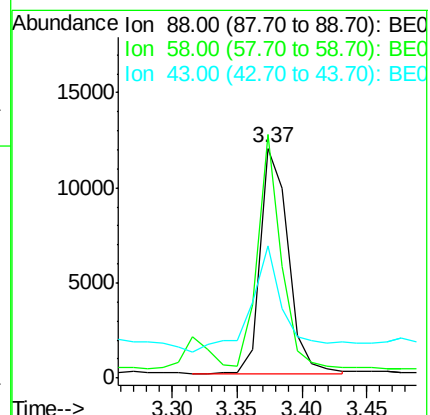
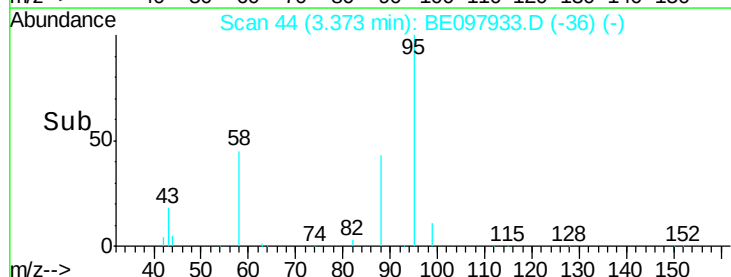
43 56.2 36.9 55.3#

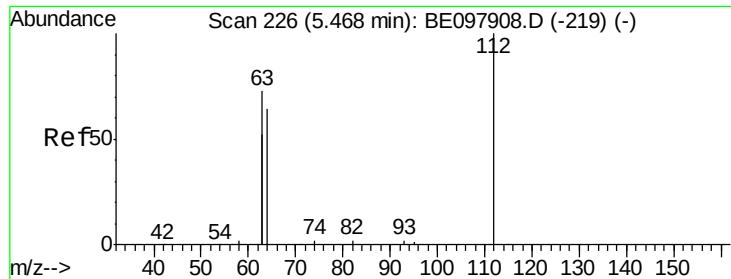


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.181 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097933.D

Acq: 17 Oct 2018 6:00

Instrument :

BNA_E

ClientSampleId :

RE-122D2-IMP-20181004

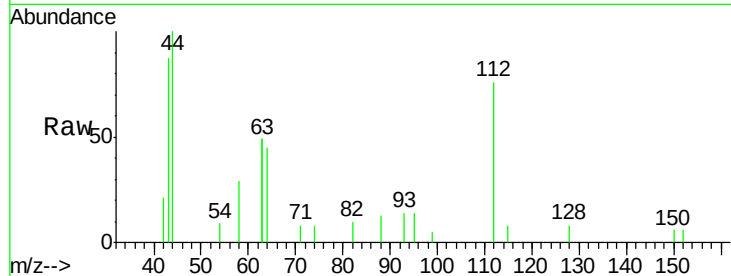
Tgt Ion: 112 Resp: 1196

Ion Ratio Lower Upper

112 100

64 70.2 58.9 88.3

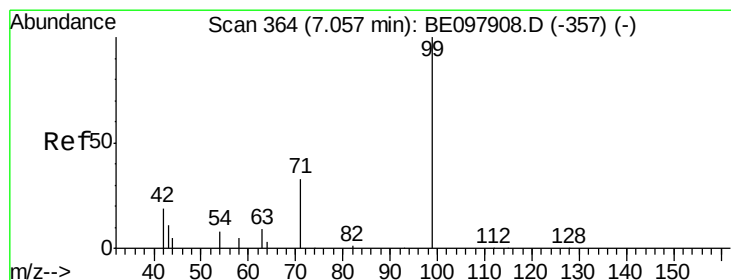
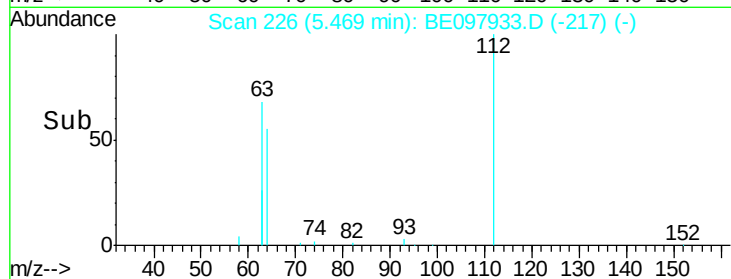
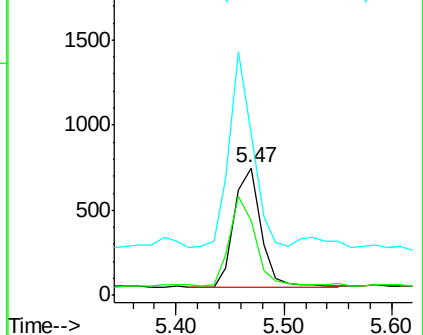
63 145.7 120.3 180.5



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: 0.104 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE097933.D

Acq: 17 Oct 2018 6:00

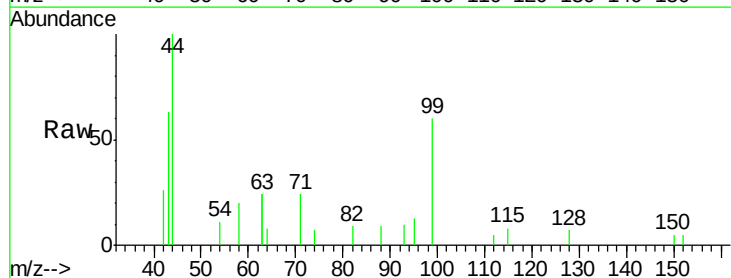
Tgt Ion: 99 Resp: 1019

Ion Ratio Lower Upper

99 100

42 43.4 19.9 29.9#

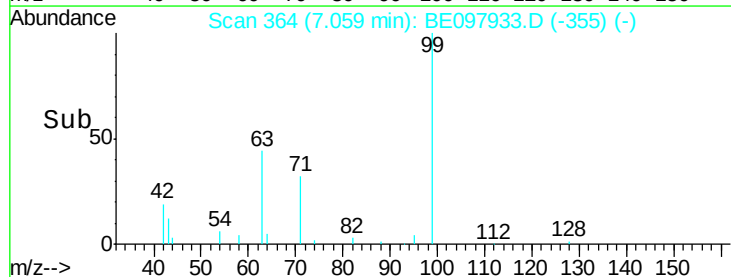
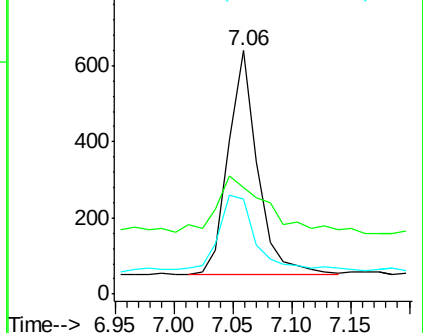
71 43.2 27.8 41.8#

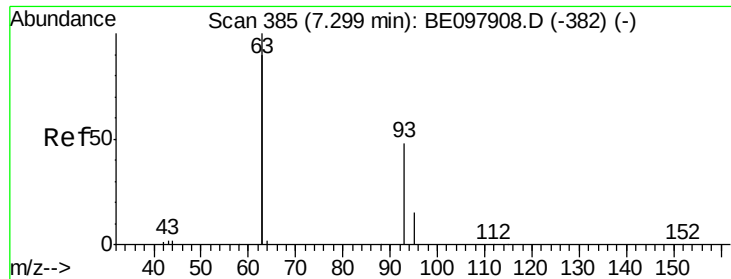


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.033 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097933.D

Acq: 17 Oct 2018 6:00

Instrument :

BNA_E

ClientSampleId :

RE-122D2-IMP-20181004

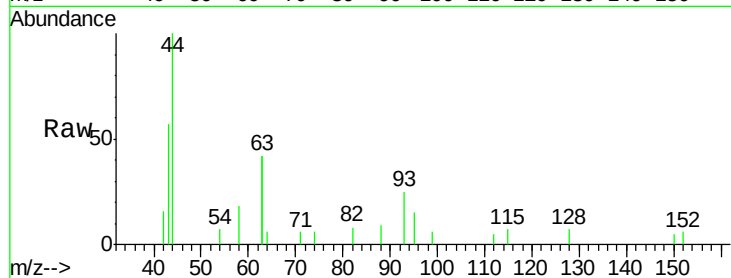
Tgt Ion: 93 Resp: 278

Ion Ratio Lower Upper

93 100

63 361.5 259.0 388.4

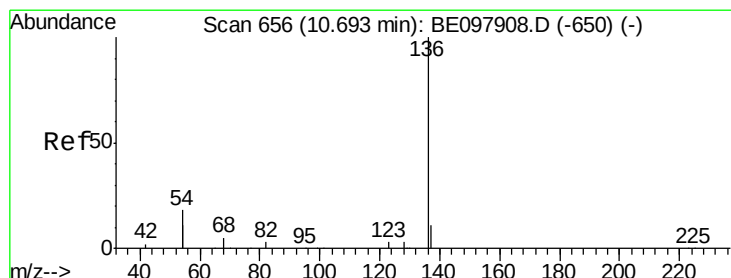
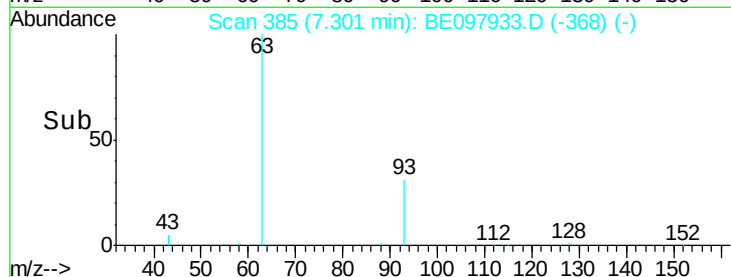
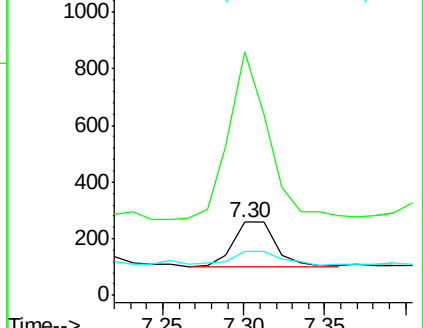
95 36.7 27.8 41.8



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: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097933.D

Acq: 17 Oct 2018 6:00

Tgt Ion: 136 Resp: 8785

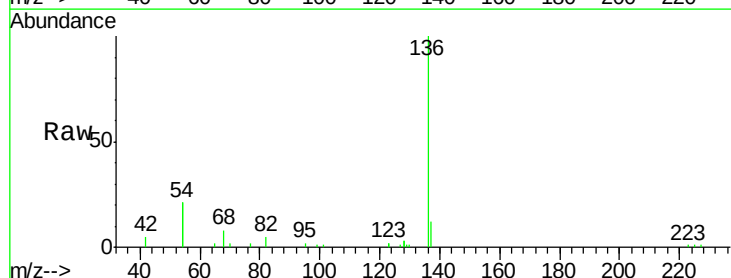
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 41.9 27.7 41.5#

68 8.4 5.3 7.9#

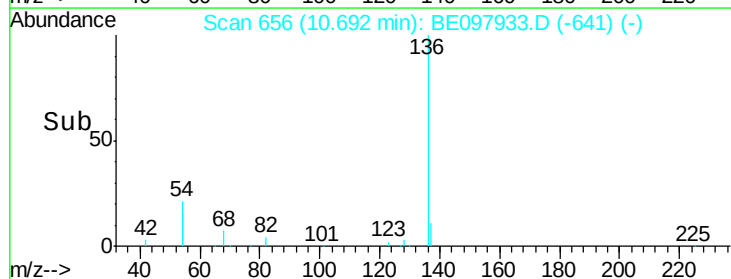
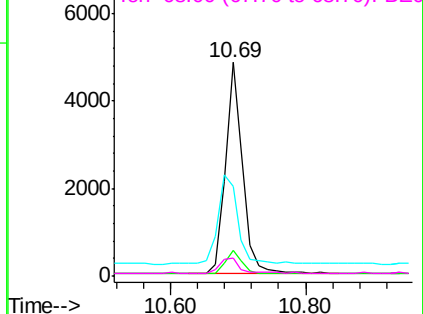


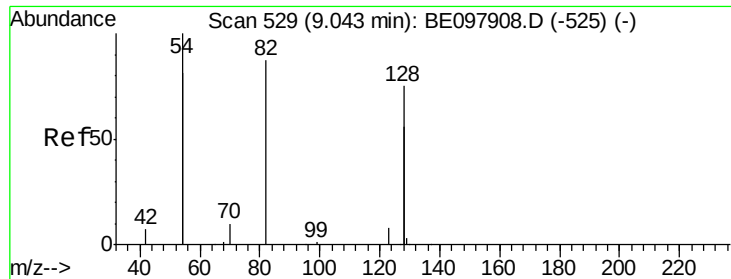
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.384 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097933.D

Acq: 17 Oct 2018 6:00

Instrument :

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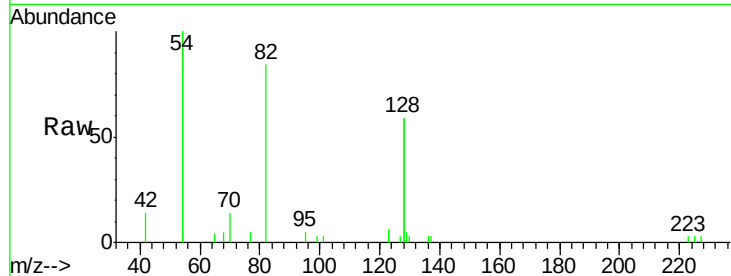
Tgt Ion: 82 Resp: 3197

Ion Ratio Lower Upper

82 100

128 140.4 129.9 194.9

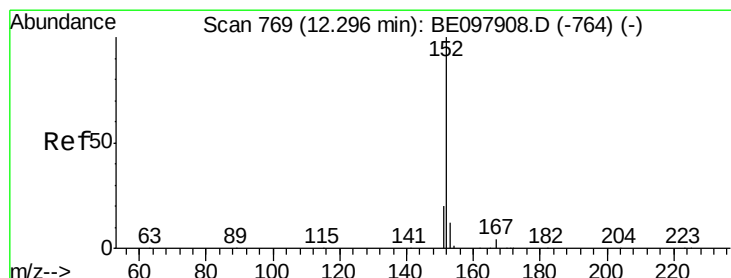
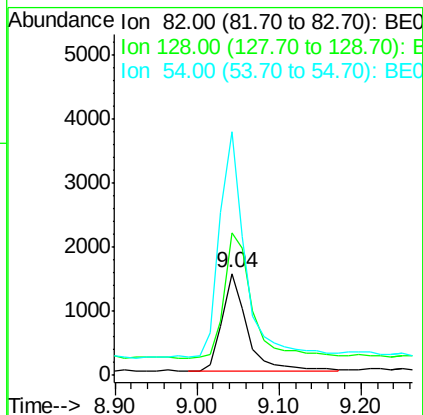
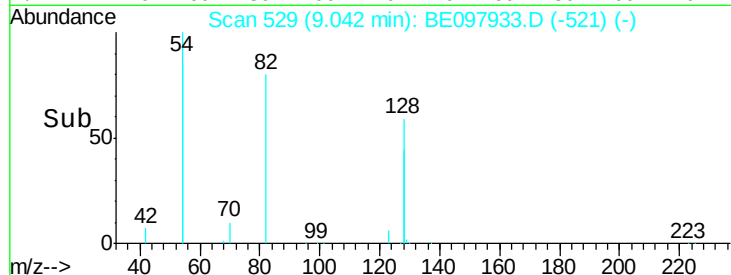
54 239.3 174.0 261.0



Abundance Ion 82.00 (81.70 to 82.70): BE097933.D (-521) (-)

Ion 128.00 (127.70 to 128.70): BE097933.D (-521) (-)

Ion 54.00 (53.70 to 54.70): BE097933.D (-521) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097933.D

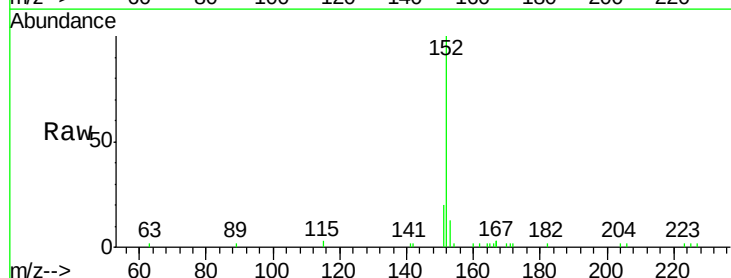
Acq: 17 Oct 2018 6:00

Tgt Ion: 152 Resp: 5482

Ion Ratio Lower Upper

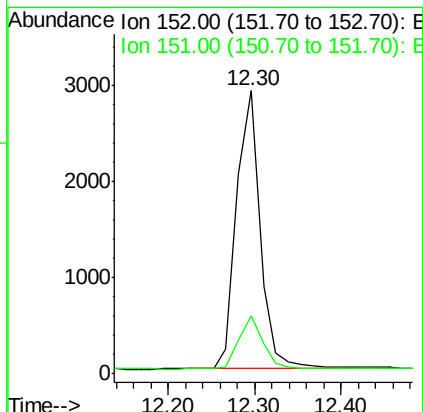
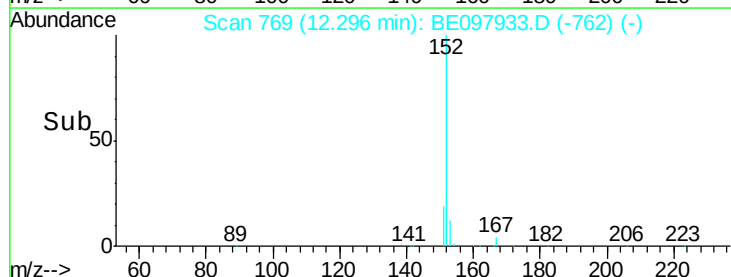
152 100

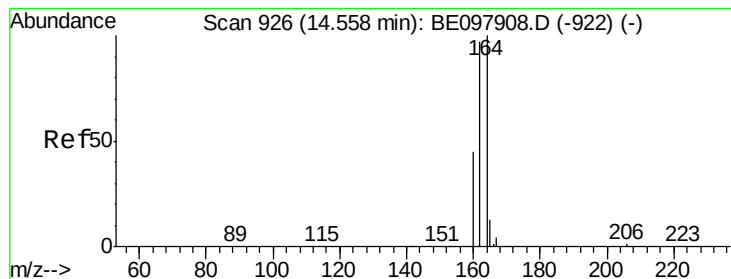
151 19.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE097933.D (-762) (-)

Ion 151.00 (150.70 to 151.70): BE097933.D (-762) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097933.D

Acq: 17 Oct 2018 6:00

Instrument :

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ClientSampleId :

RE-122D2-IMP-20181004

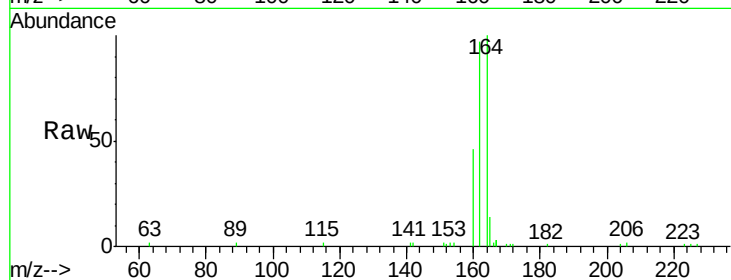
Tgt Ion:164 Resp: 5840

Ion Ratio Lower Upper

164 100

162 96.7 77.4 116.2

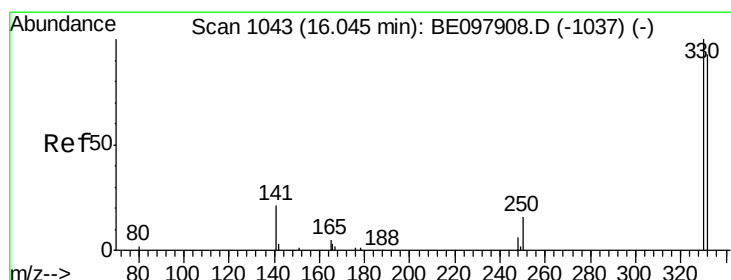
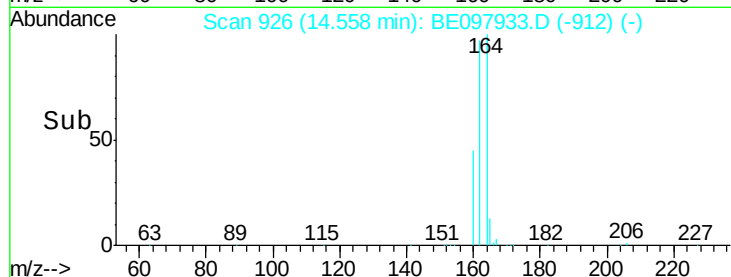
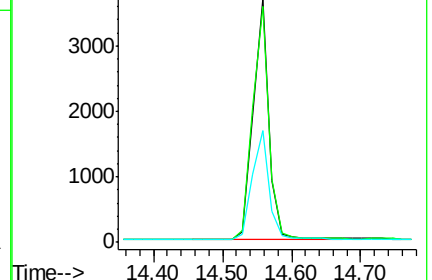
160 45.9 36.5 54.7



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

2,4,6-Tribromophenol

Concen: 0.284 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097933.D

Acq: 17 Oct 2018 6:00

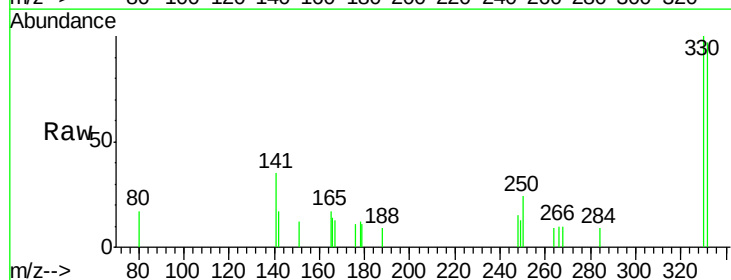
Tgt Ion:330 Resp: 893

Ion Ratio Lower Upper

330 100

332 90.7 76.5 114.7

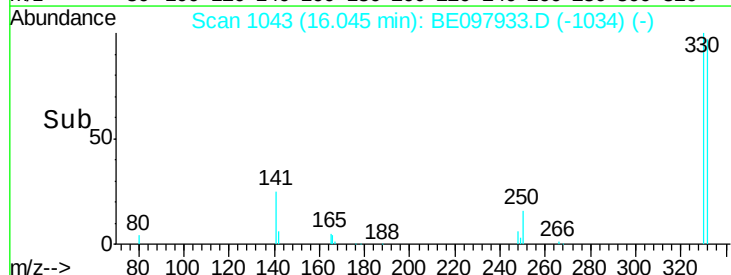
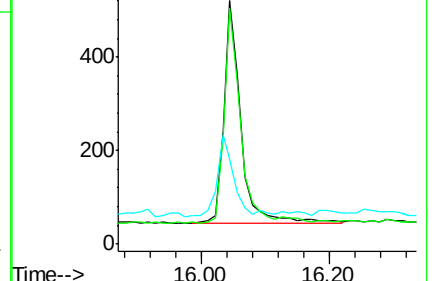
141 36.6 31.8 47.6

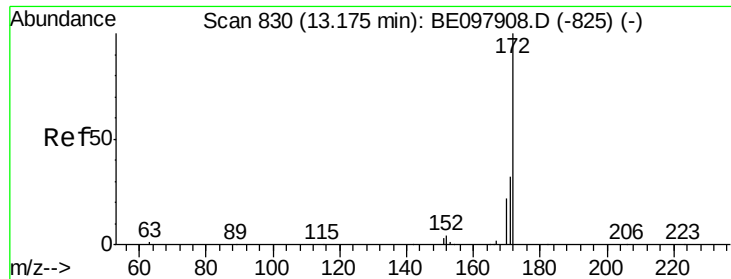


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

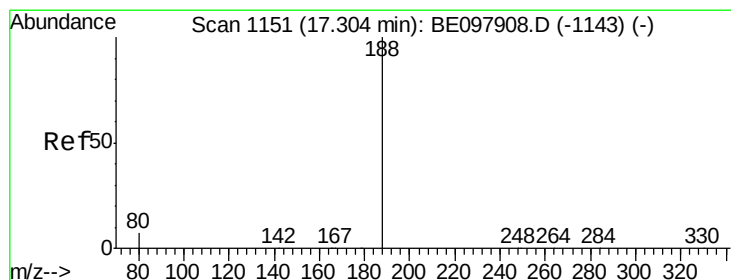
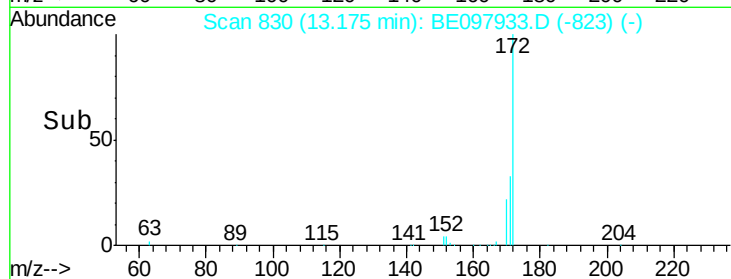
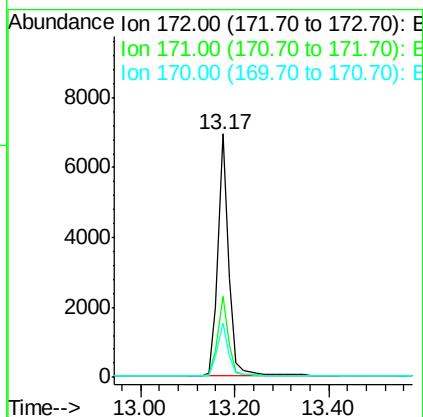
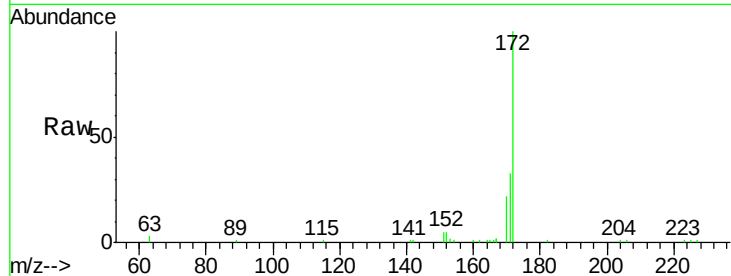




#15
2-Fluorobiphenyl
Concen: 0.458 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097933.D
Acq: 17 Oct 2018 6:00

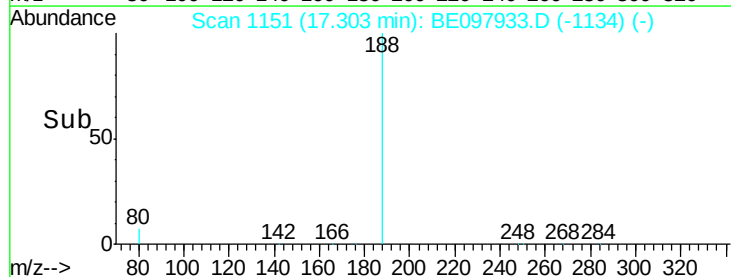
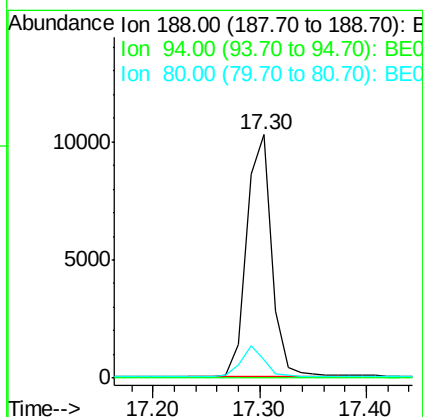
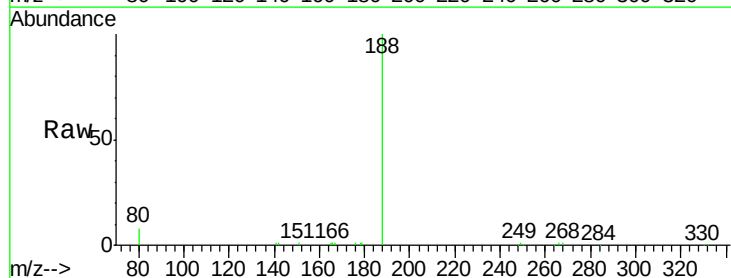
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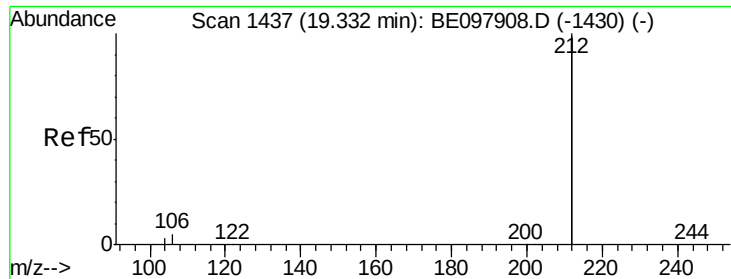
Tgt Ion:172 Resp: 10929
Ion Ratio Lower Upper
172 100
171 33.4 26.0 39.0
170 22.0 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097933.D
Acq: 17 Oct 2018 6:00

Tgt Ion:188 Resp: 16739
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.3 9.5

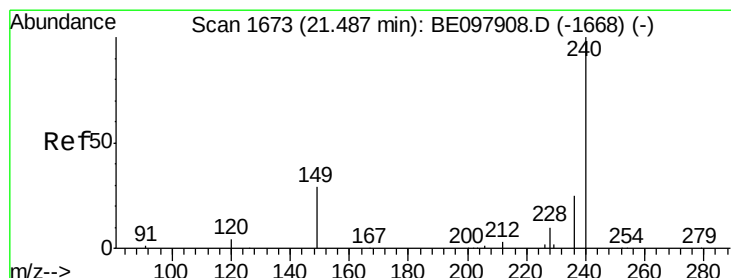
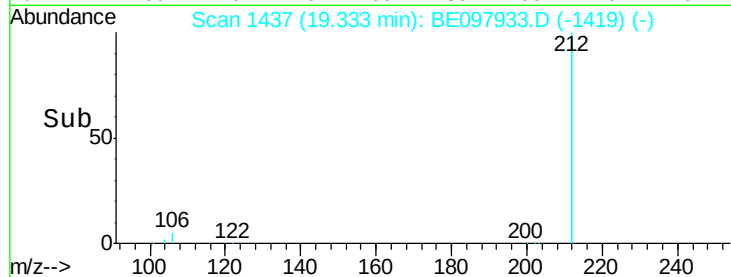
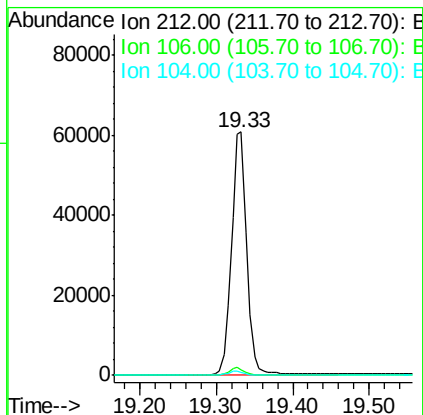
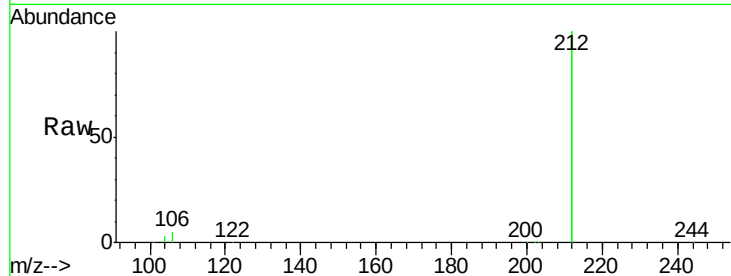




#25
 Fluoranthene-d10
 Concen: 0.371 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. 0.00 min
 Lab File: BE097933.D
 Acq: 17 Oct 2018 6:00

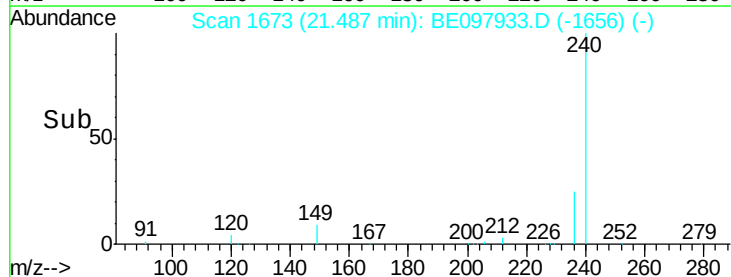
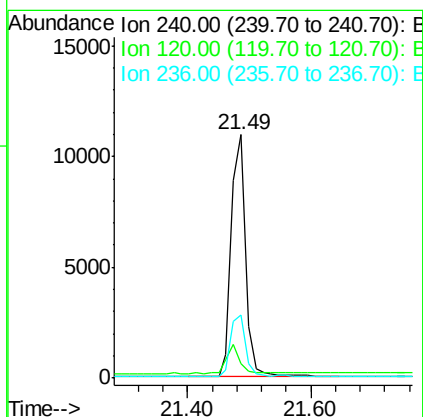
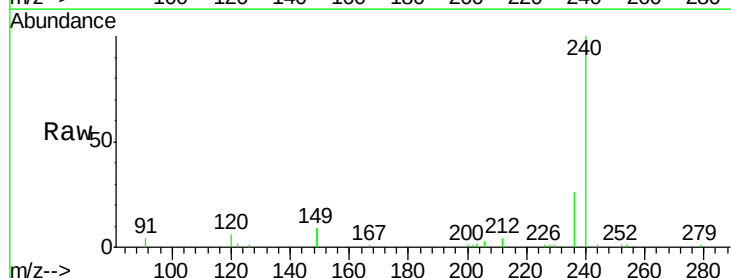
Instrument :
 BNA_E
 ClientSampleId :
 RE-122D2-IMP-20181004

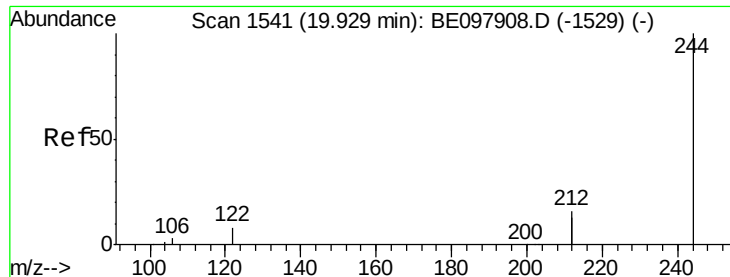
Tgt Ion: 212 Resp: 84269
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.3 3.5
 104 1.6 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BE097933.D
 Acq: 17 Oct 2018 6:00

Tgt Ion: 240 Resp: 17545
 Ion Ratio Lower Upper
 240 100
 120 5.9 7.1 10.7#
 236 26.0 21.3 31.9





#29

Terphenyl-d14

Concen: 0.528 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BE097933.D

Acq: 17 Oct 2018 6:00

Instrument :

BNA_E

ClientSampleId :

RE-122D2-IMP-20181004

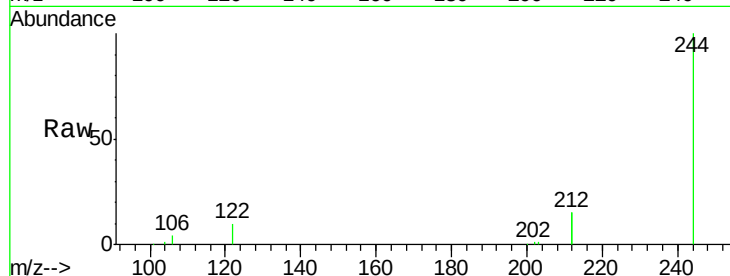
Tgt Ion:244 Resp: 21245

Ion Ratio Lower Upper

244 100

212 30.6 26.2 39.2

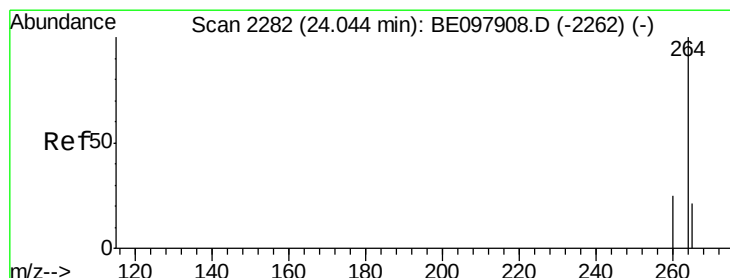
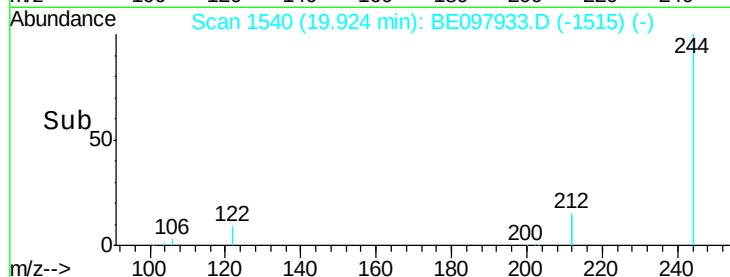
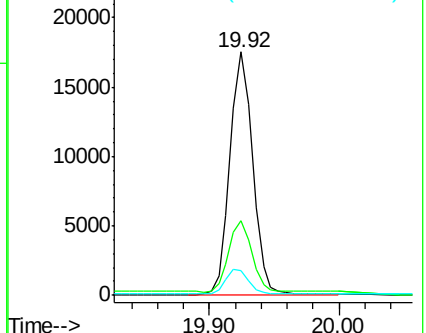
122 9.9 7.7 11.5



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: 24.04 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE097933.D

Acq: 17 Oct 2018 6:00

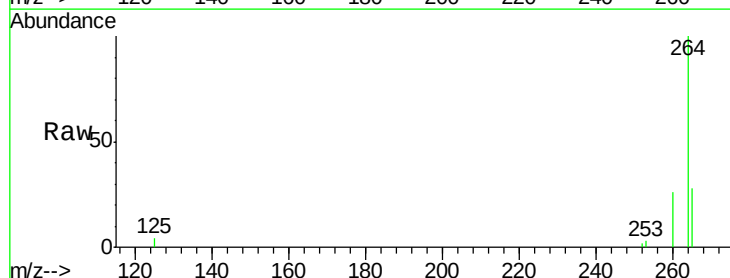
Tgt Ion:264 Resp: 18131

Ion Ratio Lower Upper

264 100

260 26.0 21.1 31.7

265 27.7 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

