

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097767.D
 Acq On : 5 Oct 2018 22:35
 Operator : SJ/JU
 Sample : J5284-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D3-20181003

Quant Time: Oct 06 04:20:50 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

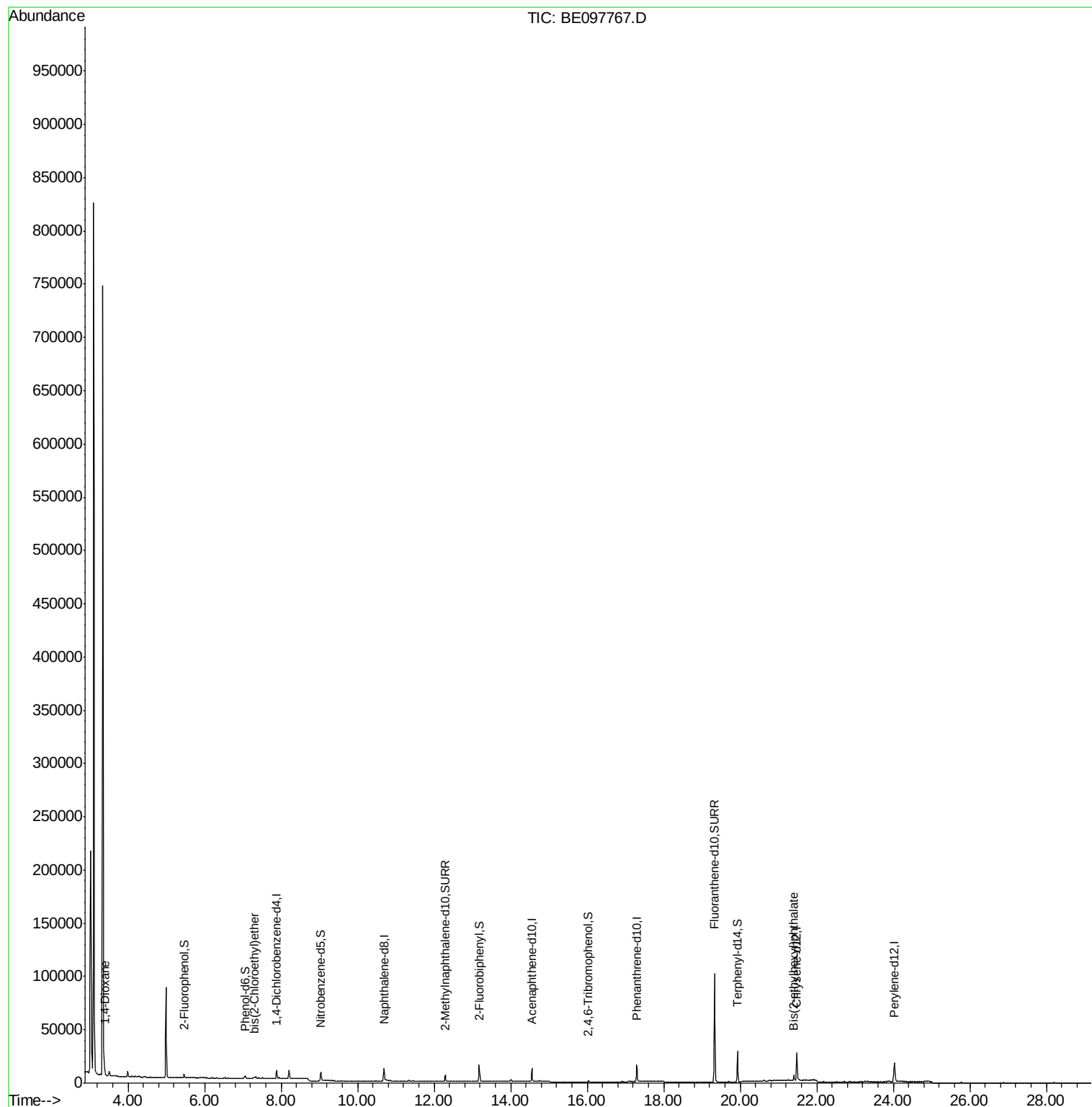
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3674	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	14316	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7984	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	23097	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	30582	0.40	ng	-0.01
34) Perylene-d12	24.03	264	29138	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1651	0.19	ng	0.00
5) Phenol-d6	7.05	99	1443	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	3786	0.81	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	9450	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	780	0.54	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	15976	0.45	ng	-0.02
25) Fluoranthene-d10	19.32	212	140708	0.48	ng	0.00
29) Terphenyl-d14	19.93	244	26447	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.40	88	2632	0.360	ng	# 71
6) bis(2-Chloroethyl)ether	7.31	93	284	0.021	ng	# 60
32) Bis(2-ethylhexyl)phthalate	21.40	149	6227	0.104	ng	# 99

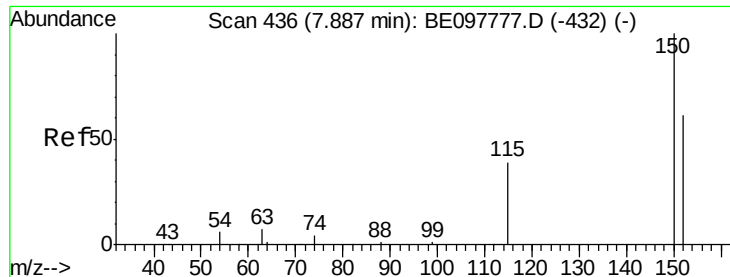
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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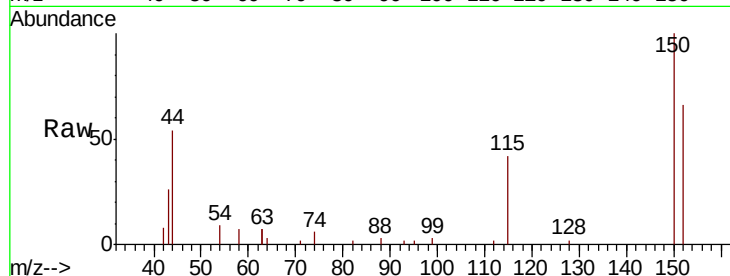


#1

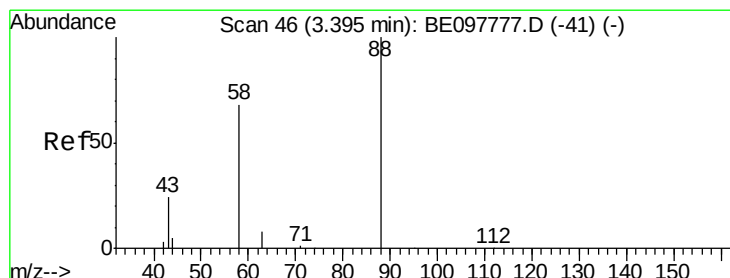
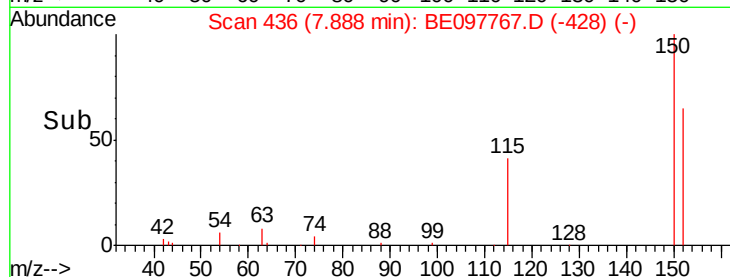
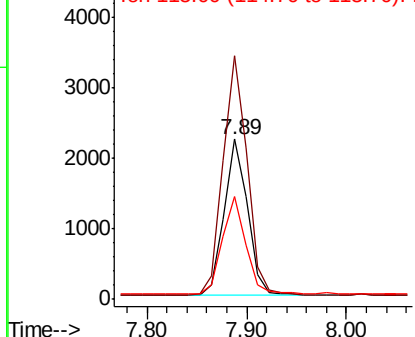
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097767.D
Acq: 5 Oct 2018 22:35

Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181003

Tot Ion:152 Resp: 3674
Ion Ratio Lower Upper
152 100
150 151.9 120.9 181.3
115 64.4 46.6 69.8



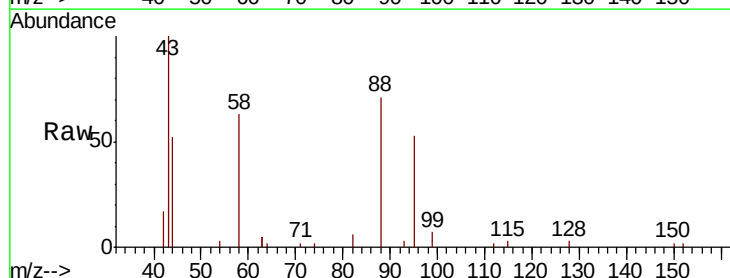
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



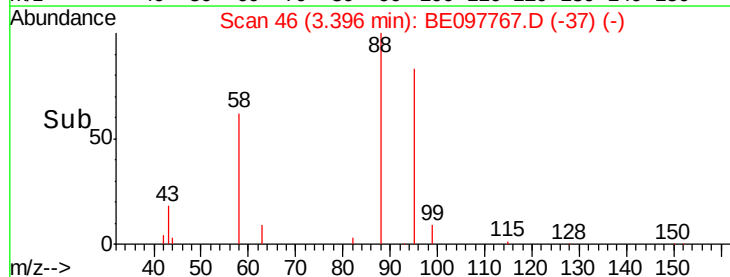
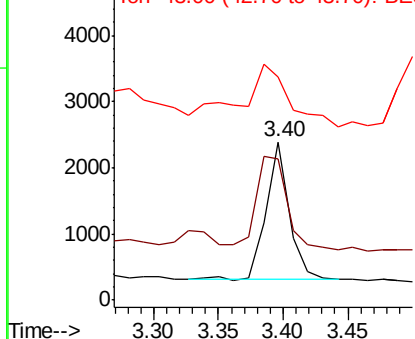
#2

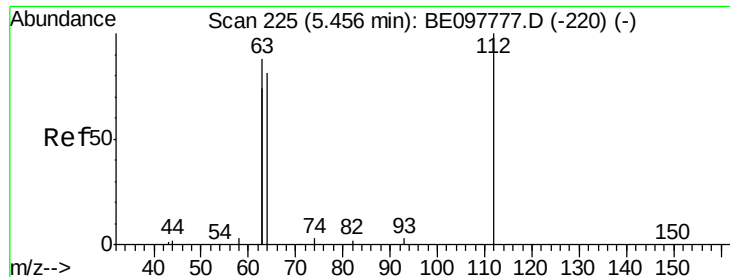
1,4-Dioxane
Concen: 0.360 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097767.D
Acq: 5 Oct 2018 22:35

Tgt Ion: 88 Resp: 2632
Ion Ratio Lower Upper
88 100
58 89.7 70.8 106.2
43 96.0 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: 0.190 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097767.D

Acq: 5 Oct 2018 22:35

Instrument :

BNA_E

ClientSampleId :

RE-103D3-20181003

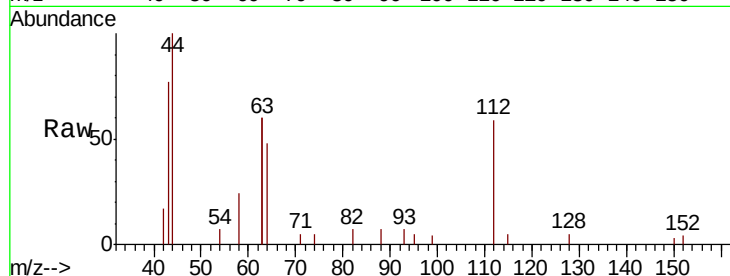
Tot Ion:112 Resp: 1651

Ion Ratio Lower Upper

112 100

64 70.4 56.6 84.8

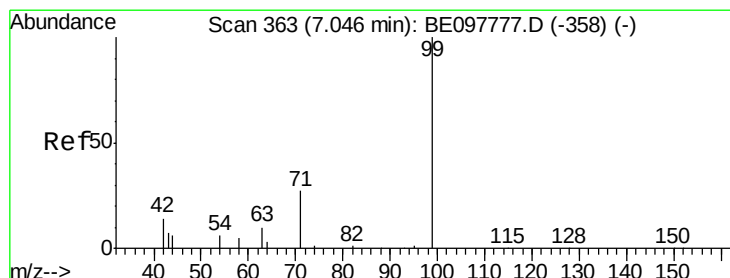
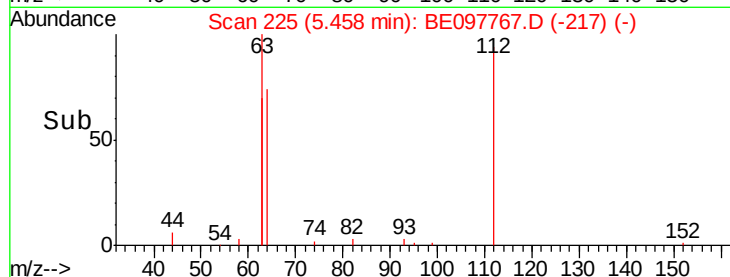
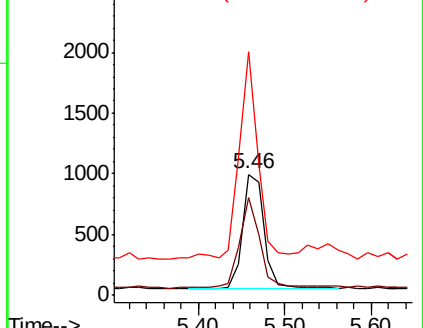
63 152.8 119.4 179.0



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: 0.108 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097767.D

Acq: 5 Oct 2018 22:35

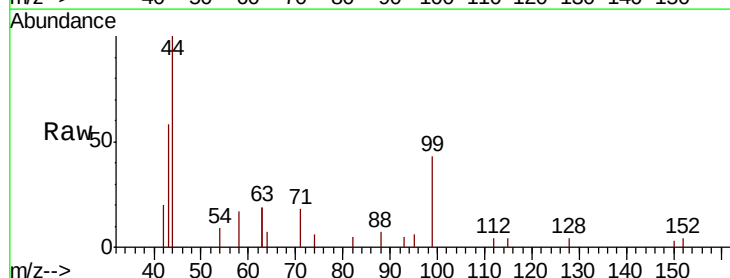
Tgt Ion: 99 Resp: 1443

Ion Ratio Lower Upper

99 100

42 44.0 19.9 29.9#

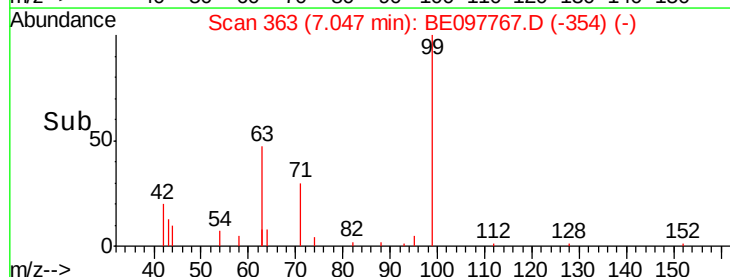
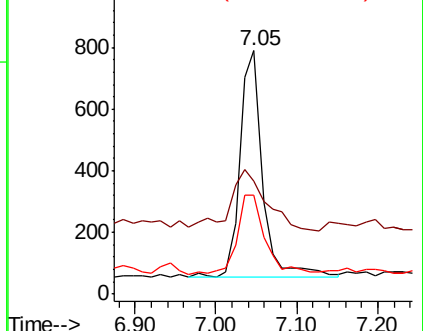
71 45.0 25.4 38.2#

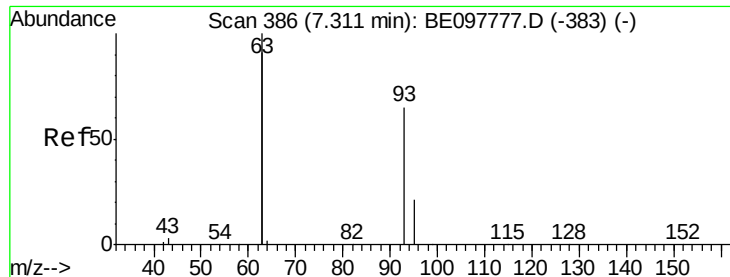


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.021 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097767.D

Acq: 5 Oct 2018 22:35

Instrument :

BNA_E

ClientSampleId :

RE-103D3-20181003

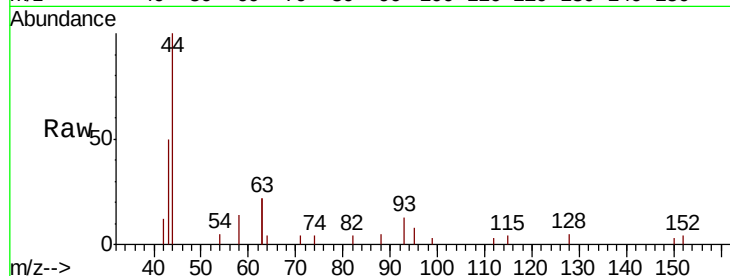
Tot Ion: 93 Resp: 284

Ion Ratio Lower Upper

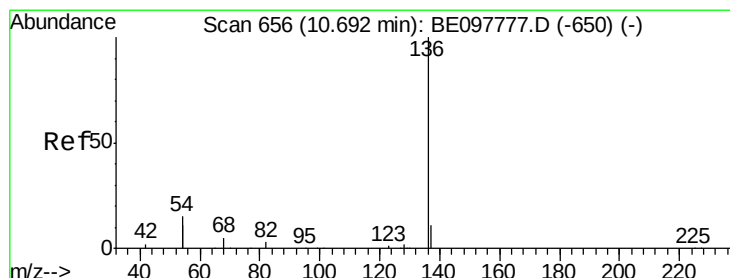
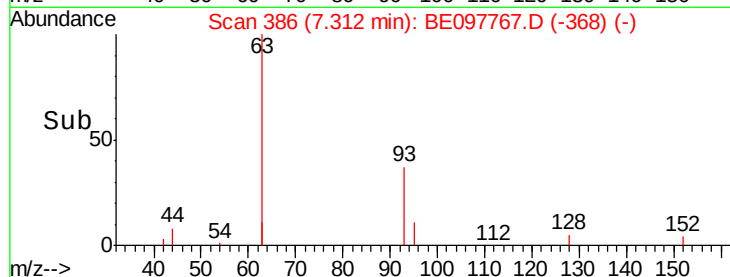
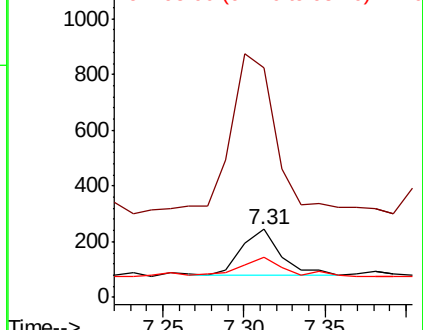
93 100

63 416.5 266.9 400.3#

95 57.7 26.2 39.2#



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: BE097767.D

Acq: 5 Oct 2018 22:35

Tgt Ion:136 Resp: 14316

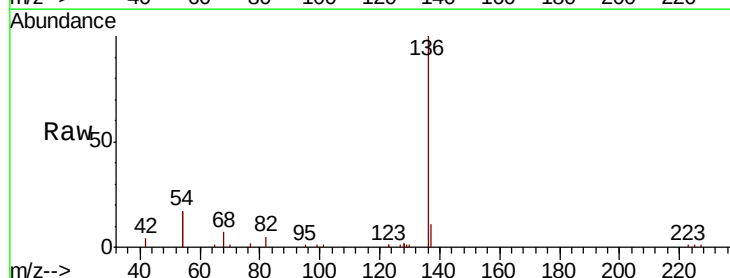
Ion Ratio Lower Upper

136 100

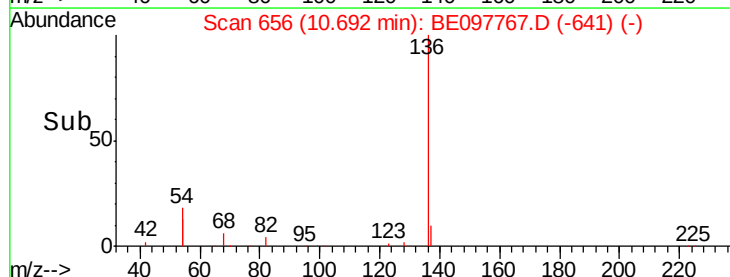
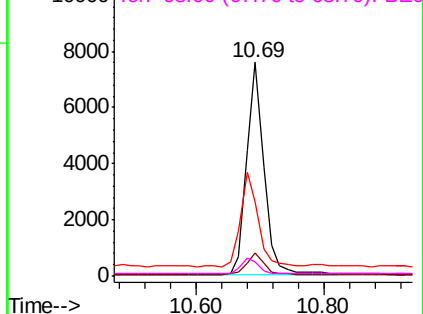
137 10.9 9.0 13.4

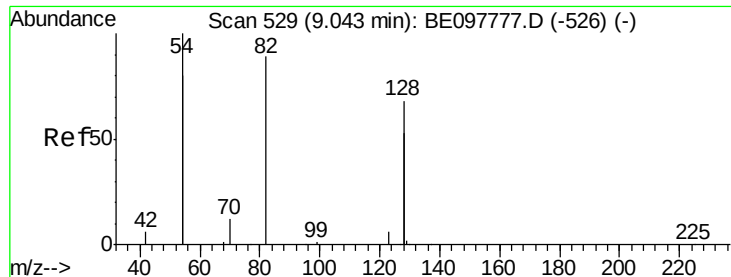
54 34.8 37.8 56.6#

68 6.8 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: 0.815 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097767.D

Acq: 5 Oct 2018 22:35

Instrument :

BNA_E

ClientSampleId :

RE-103D3-20181003

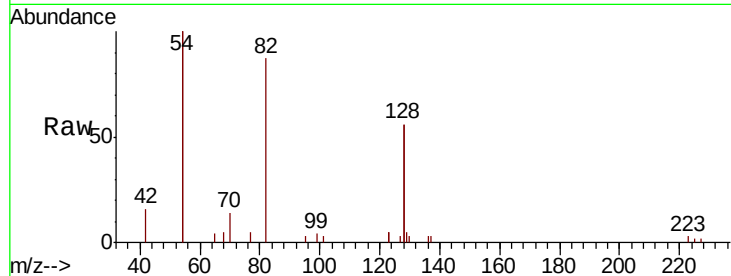
Tot Ion: 82 Resp: 3786

Ion Ratio Lower Upper

82 100

128 128.3 97.0 145.4

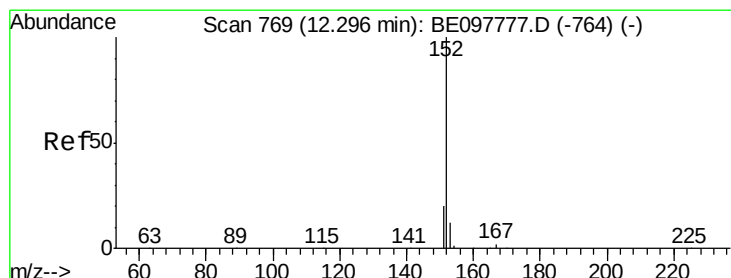
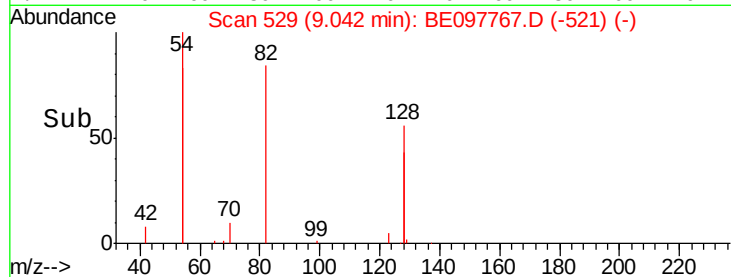
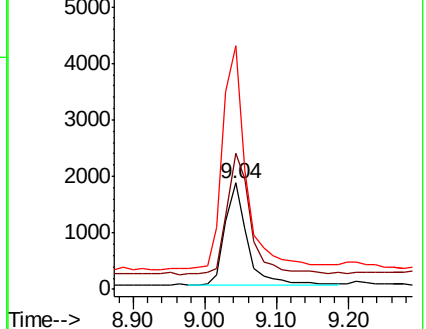
54 229.5 206.9 310.3



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: 0.415 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097767.D

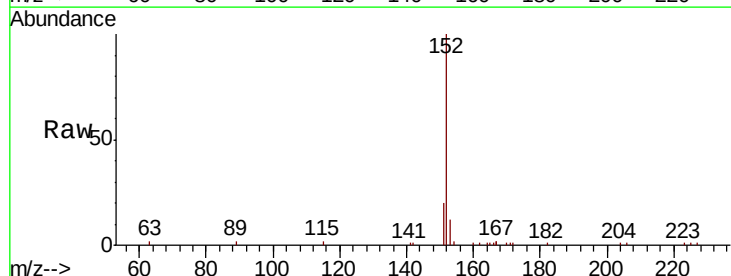
Acq: 5 Oct 2018 22:35

Tgt Ion:152 Resp: 9450

Ion Ratio Lower Upper

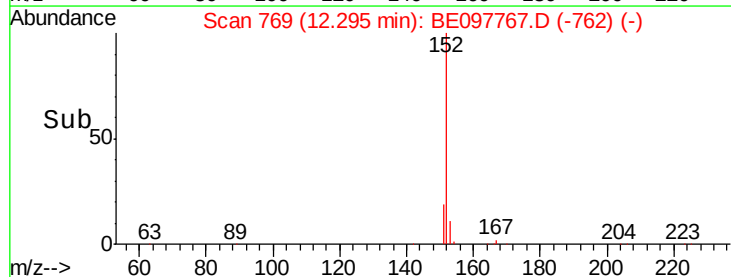
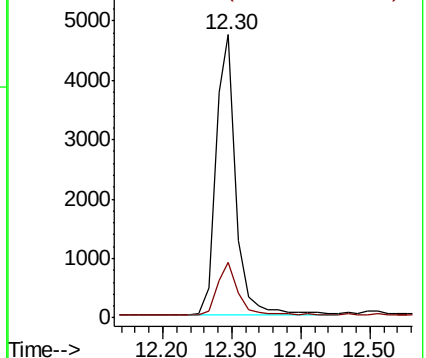
152 100

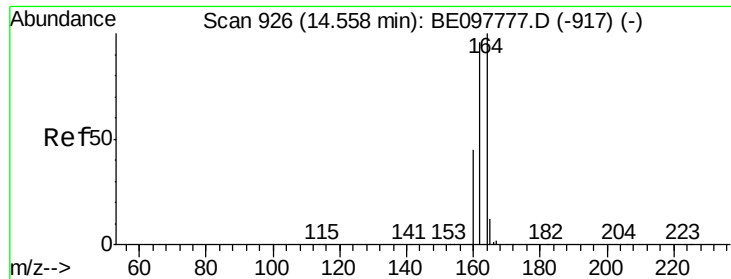
151 18.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

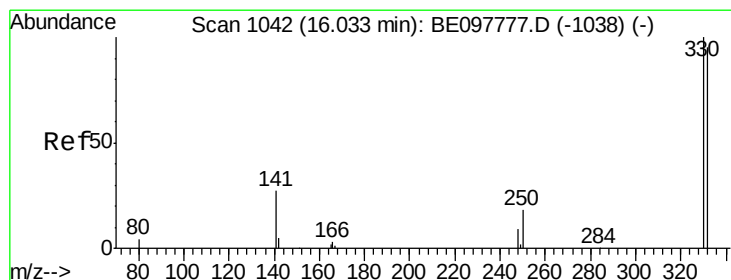
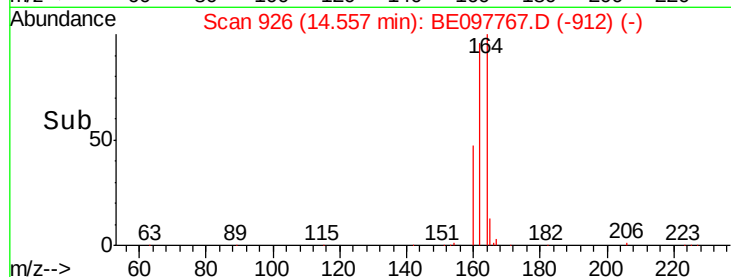
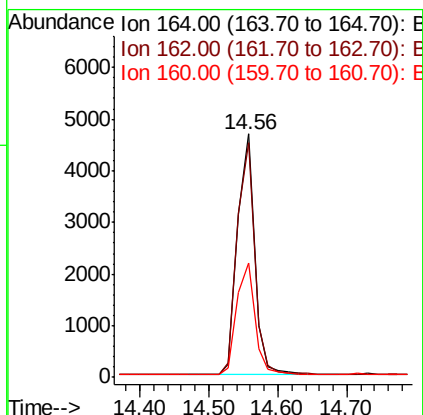
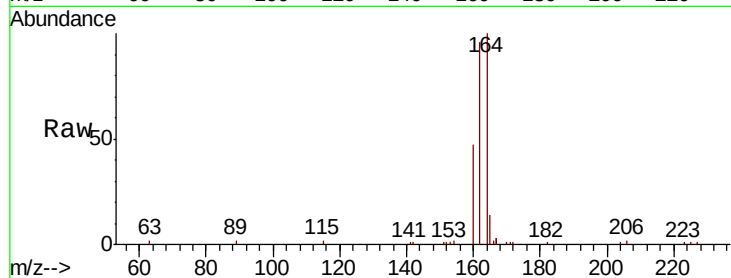




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097767.D
 Acq: 5 Oct 2018 22:35

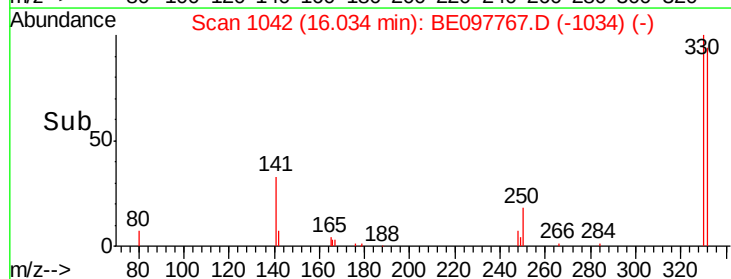
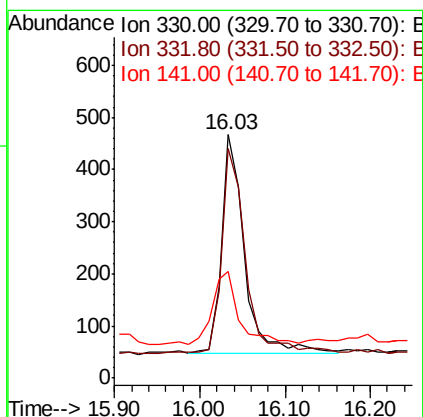
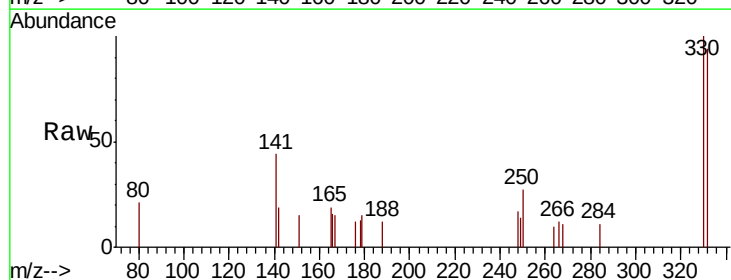
Instrument :
 BNA_E
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 RE-103D3-20181003

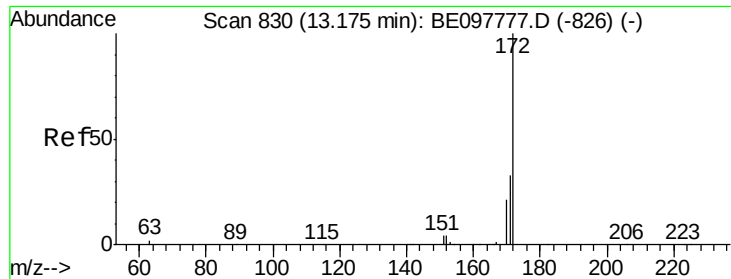
Tot Ion:164 Resp: 7984
 Ion Ratio Lower Upper
 164 100
 162 96.3 78.6 117.8
 160 47.2 37.8 56.6



#14
 2,4,6-Tribromophenol
 Concen: 0.539 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097767.D
 Acq: 5 Oct 2018 22:35

Tgt Ion:330 Resp: 780
 Ion Ratio Lower Upper
 330 100
 332 96.5 83.5 125.3
 141 36.2 34.9 52.3

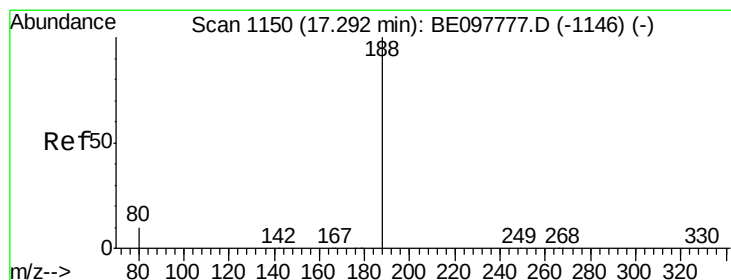
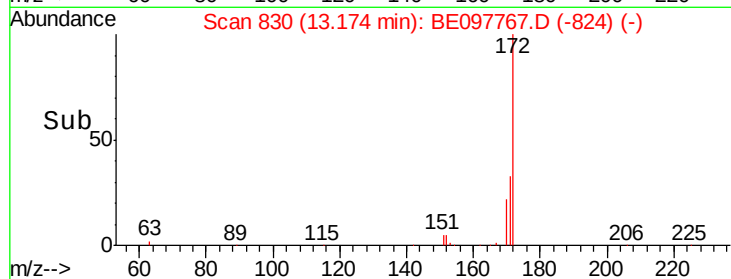
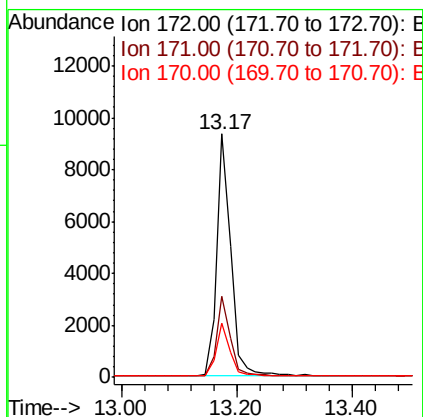
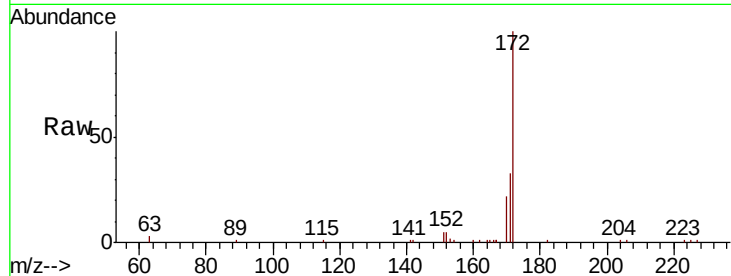




#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097767.D
Acq: 5 Oct 2018 22:35

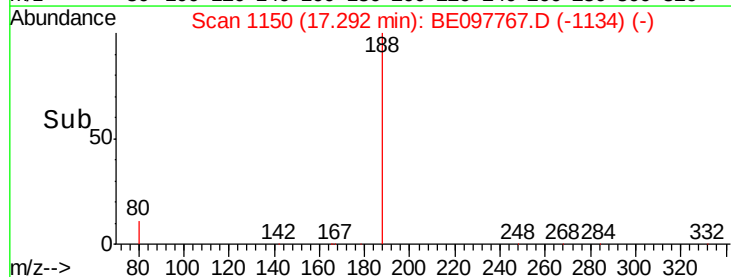
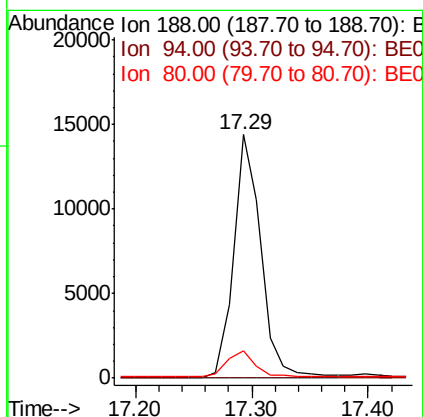
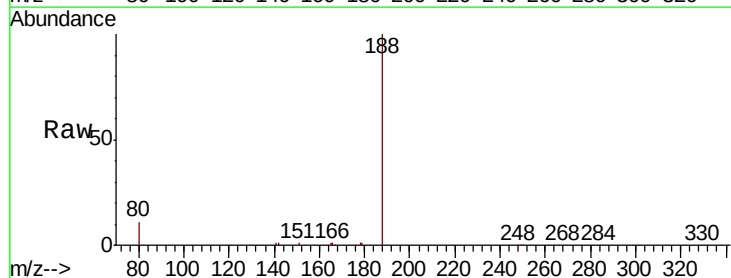
Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181003

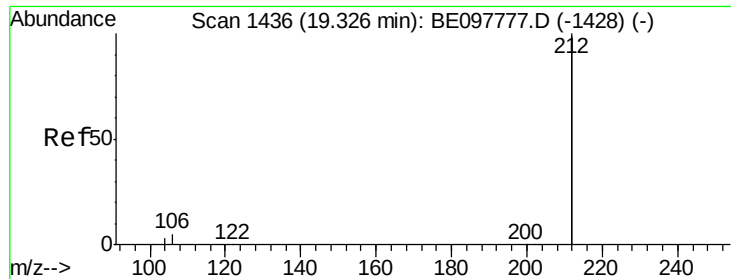
Tot Ion:172 Resp: 15976
Ion Ratio Lower Upper
172 100
171 33.2 25.2 37.8
170 22.3 16.2 24.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097767.D
Acq: 5 Oct 2018 22:35

Tgt Ion:188 Resp: 23097
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 6.6 9.8#

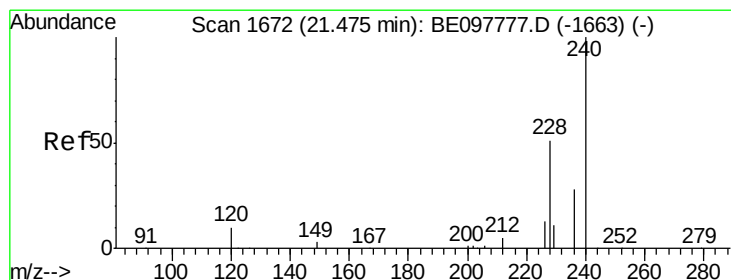
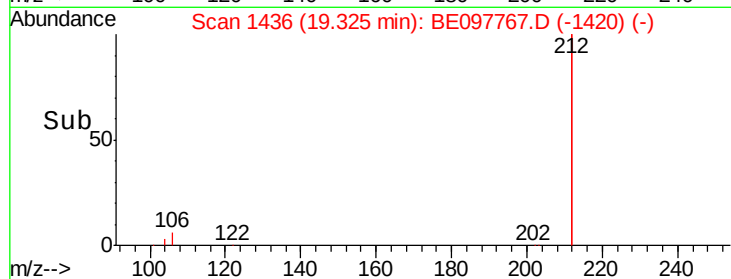
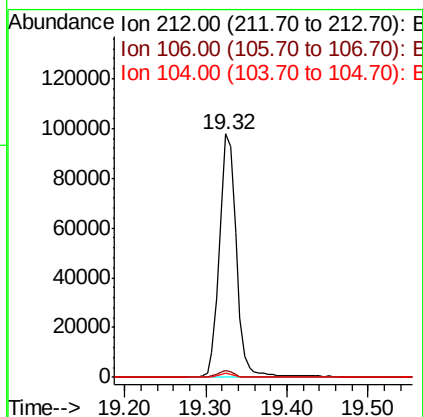
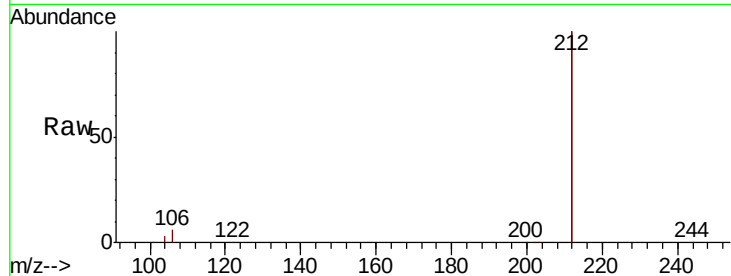




#25
Fluoranthene-d10
Concen: 0.481 ng
RT: 19.32 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097767.D
Acq: 5 Oct 2018 22:35

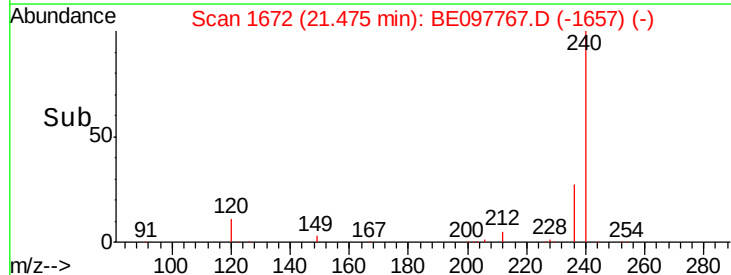
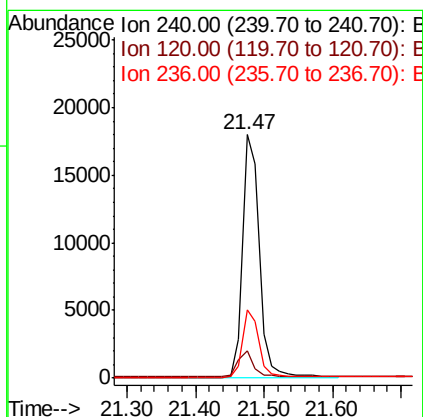
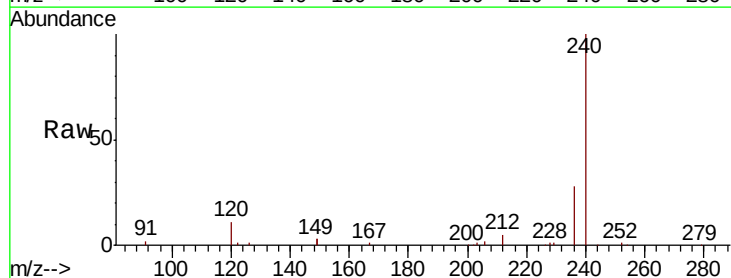
Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181003

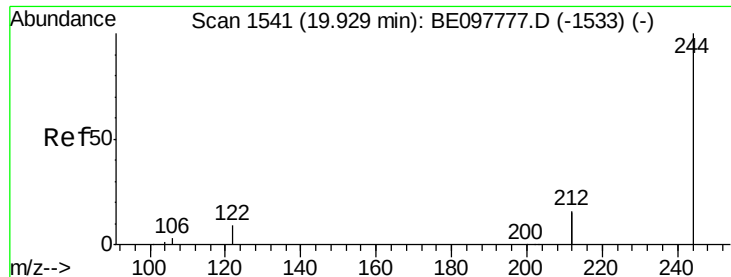
Tot Ion:212 Resp: 140708
Ion Ratio Lower Upper
212 100
106 2.7 2.2 3.2
104 1.5 1.2 1.8



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097767.D
Acq: 5 Oct 2018 22:35

Tgt Ion:240 Resp: 30582
Ion Ratio Lower Upper
240 100
120 11.2 4.7 7.1#
236 27.8 20.8 31.2





#29

Terphenyl-d14

Concen: 0.424 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097767.D

Acq: 5 Oct 2018 22:35

Instrument :

BNA_E

ClientSampleId :

RE-103D3-20181003

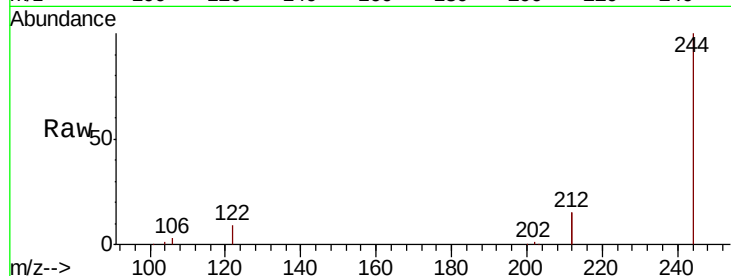
Tot Ion:244 Resp: 26447

Ion Ratio Lower Upper

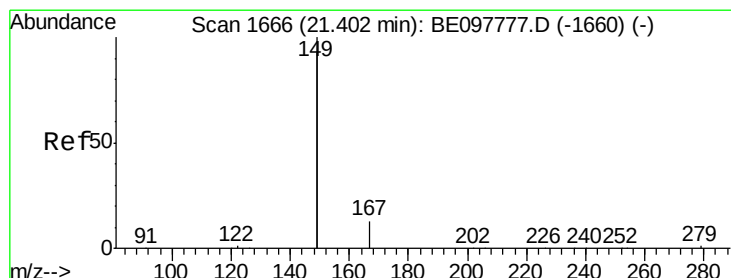
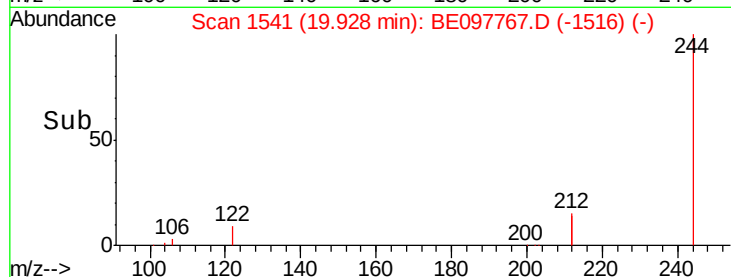
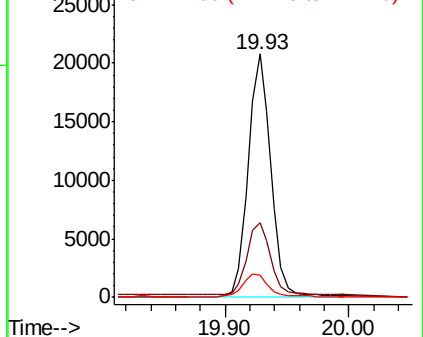
244 100

212 30.7 25.8 38.8

122 9.0 8.7 13.1



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: 0.104 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097767.D

Acq: 5 Oct 2018 22:35

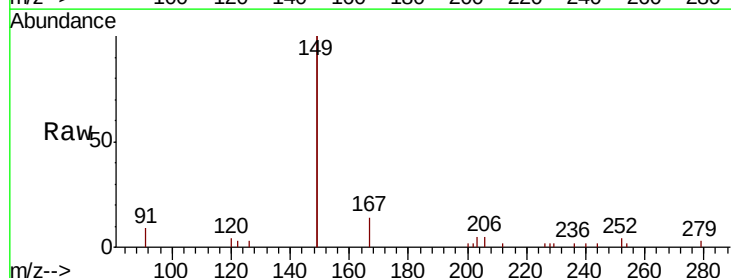
Tgt Ion:149 Resp: 6227

Ion Ratio Lower Upper

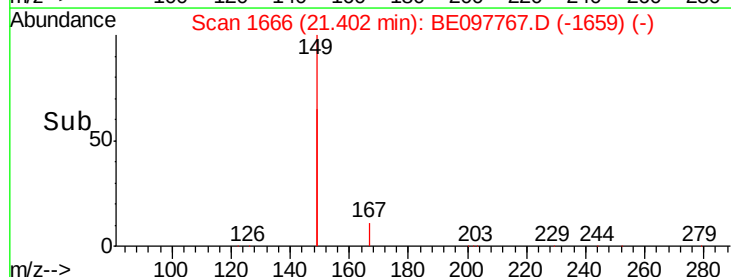
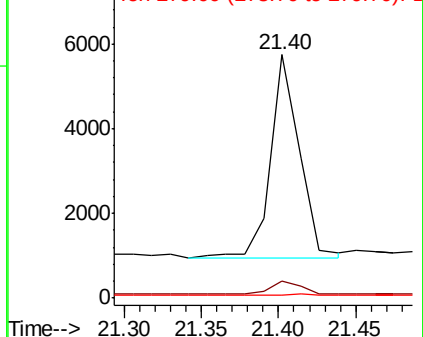
149 100

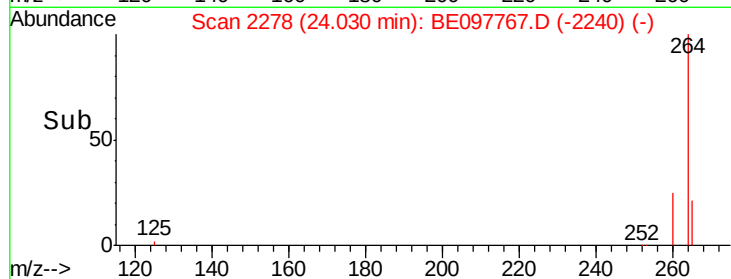
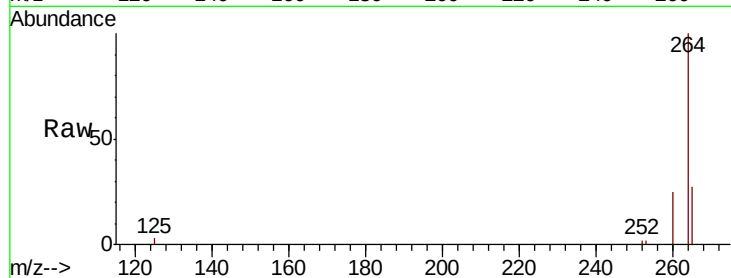
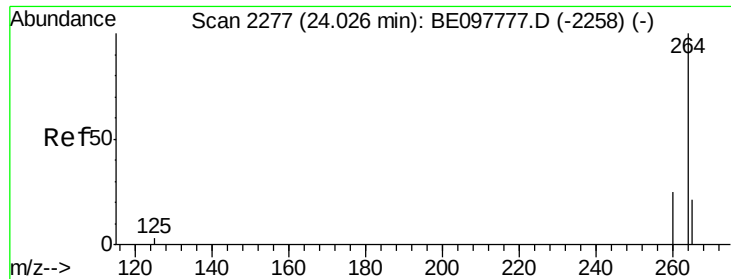
167 7.4 5.5 8.3

279 1.7 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

Pervlene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BE097767.D

Acq: 5 Oct 2018 22:35

Instrument :

BNA_E

ClientSampleId :

RE-103D3-20181003

Tot Ion:264 Resp: 29138

Ion Ratio Lower Upper

264 100

260 25.4 19.1 28.7

265 27.1 21.9 32.9

