

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
 Data File : BE097737.D
 Acq On : 4 Oct 2018 22:17
 Operator : SJ/JU
 Sample : J5189-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT-101D2-20180928

Quant Time: Oct 05 06:52:37 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

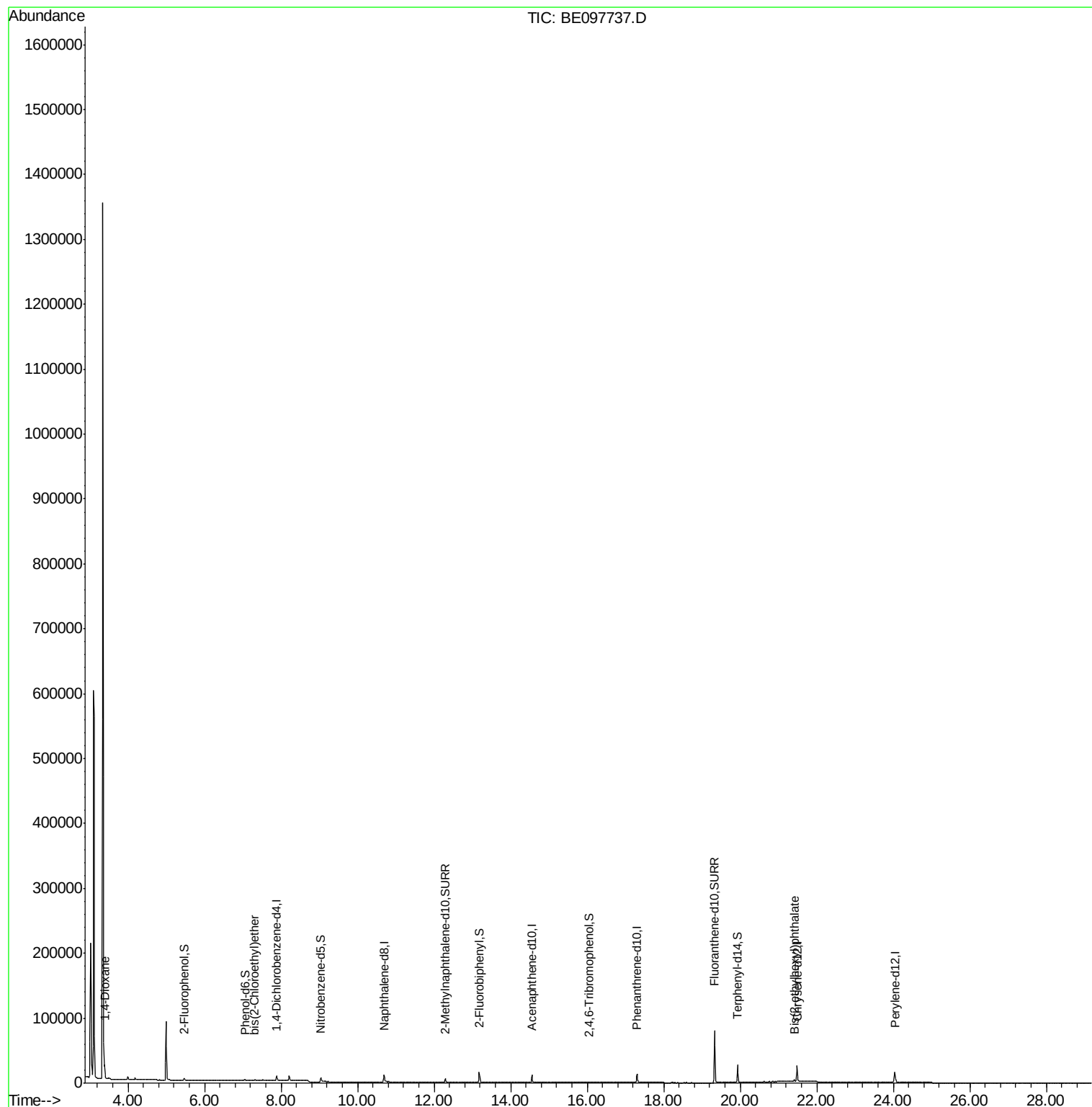
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3209	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	12604	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6861	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	19081	0.40	ng	0.00
27) Chrysene-d12	21.49	240	26286	0.40	ng	0.00
34) Perylene-d12	24.04	264	25334	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1564	0.21	ng	0.00
5) Phenol-d6	7.05	99	1222	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	2833	0.69	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	7885	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	564	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	16355	0.54	ng	-0.02
25) Fluoranthene-d10	19.33	212	110438	0.46	ng	0.00
29) Terphenyl-d14	19.93	244	25021	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.40	88	10212	1.597	ng	98
6) bis(2-Chloroethyl)ether	7.31	93	475	0.039	ng	75
32) Bis(2-ethylhexyl)phthalate	21.41	149	4618	0.089	ng	99

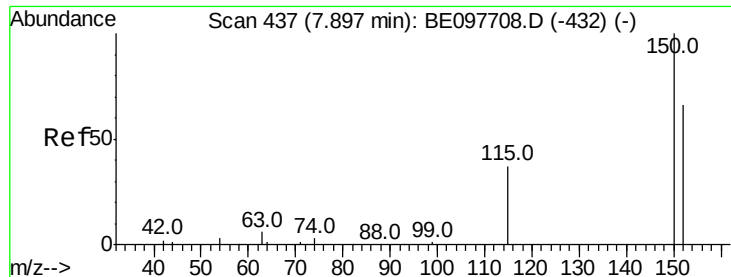
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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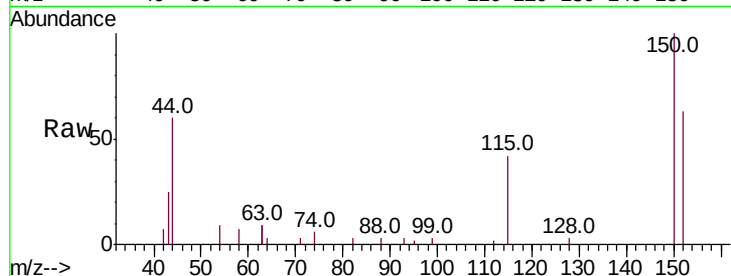


#1

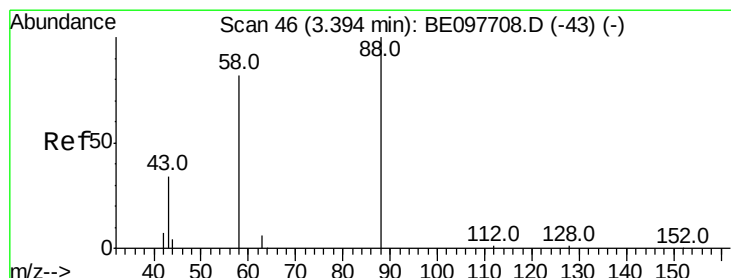
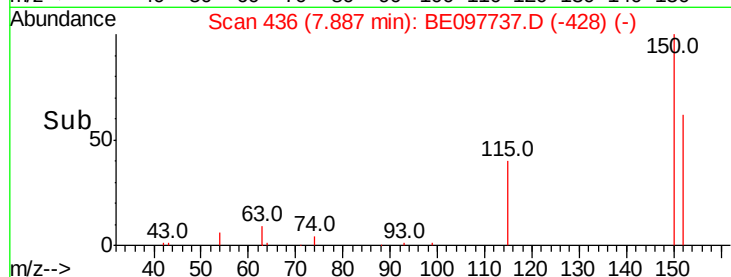
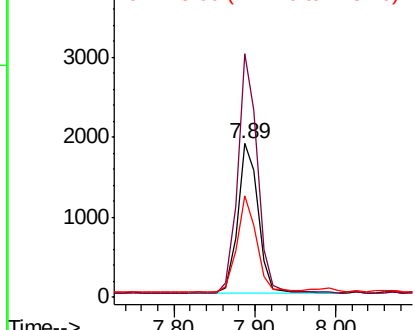
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097737.D
Acq: 4 Oct 2018 22:17

Instrument :
BNA_E
ClientSampleId :
TT-101D2-20180928

Tot Ion:152 Resp: 3209
Ion Ratio Lower Upper
152 100
150 158.5 120.9 181.3
115 66.5 46.6 69.8



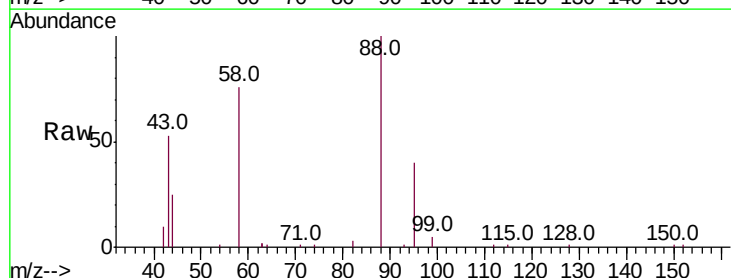
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



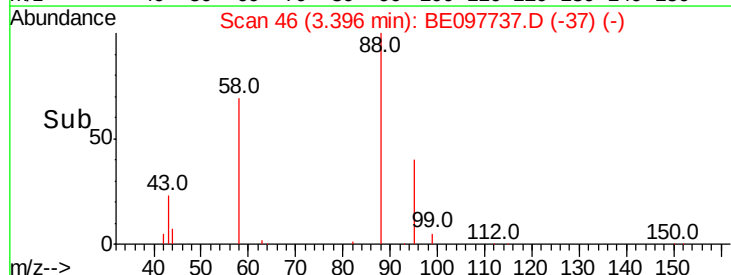
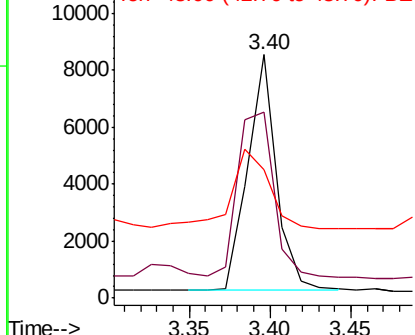
#2

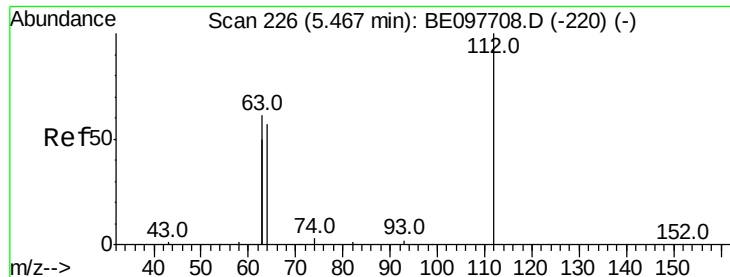
1,4-Dioxane
Concen: 1.597 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097737.D
Acq: 4 Oct 2018 22:17

Tgt Ion: 88 Resp: 10212
Ion Ratio Lower Upper
88 100
58 86.8 70.8 106.2
43 43.9 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: 0.206 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097737.D

Acq: 4 Oct 2018 22:17

Instrument :

BNA_E

ClientSampleId :

TT-101D2-20180928

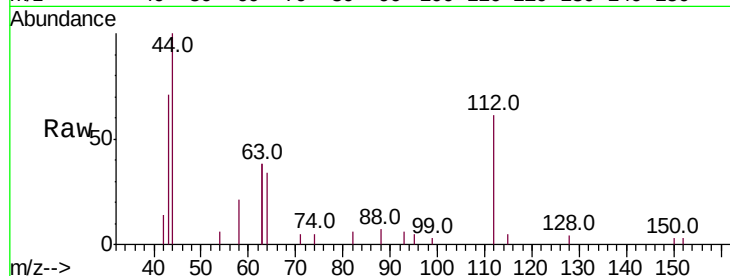
Tot Ion:112 Resp: 1564

Ion Ratio Lower Upper

112 100

64 69.7 56.6 84.8

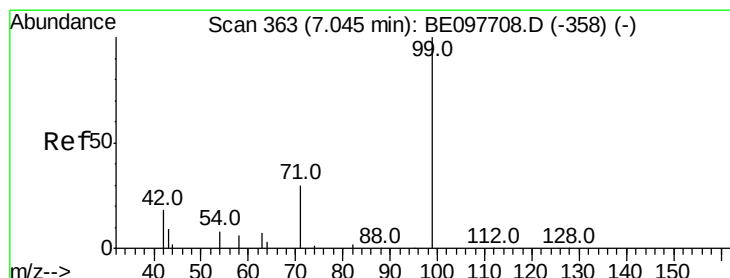
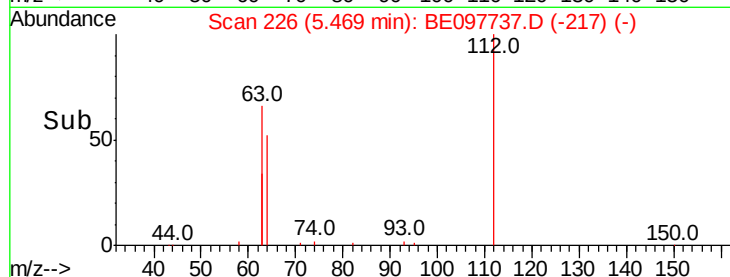
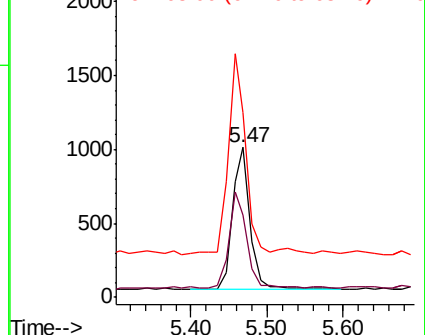
63 139.5 119.4 179.0



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: 0.105 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097737.D

Acq: 4 Oct 2018 22:17

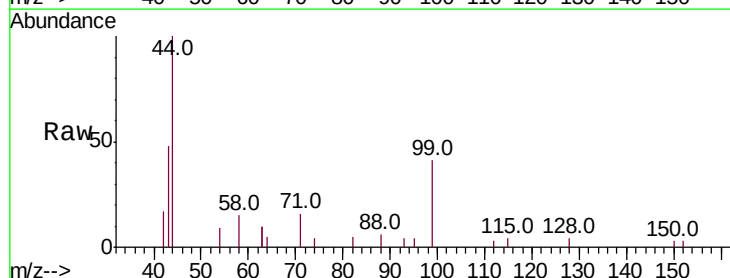
Tgt Ion: 99 Resp: 1222

Ion Ratio Lower Upper

99 100

42 30.4 19.9 29.9#

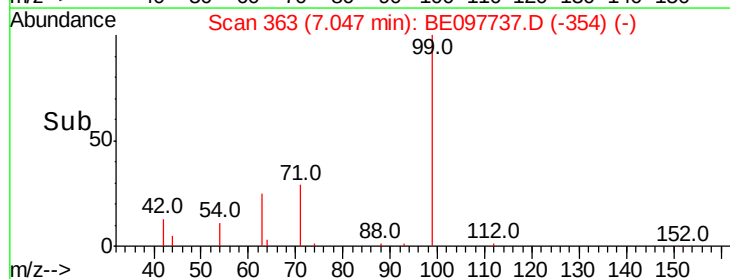
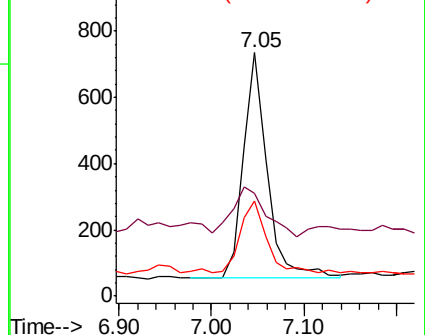
71 34.9 25.4 38.2

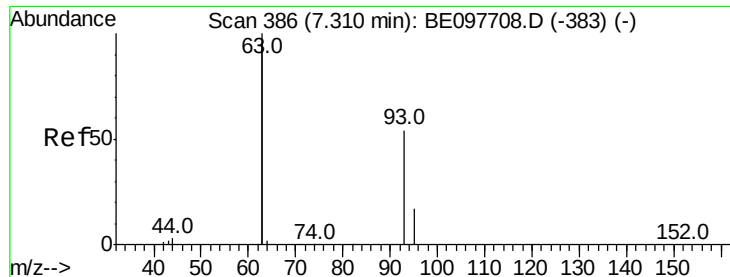


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.039 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097737.D

Acq: 4 Oct 2018 22:17

Instrument :

BNA_E

ClientSampleId :

TT-101D2-20180928

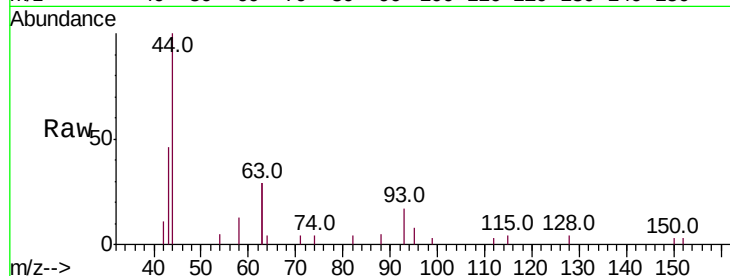
Tot Ion: 93 Resp: 475

Ion Ratio Lower Upper

93 100

63 277.1 266.9 400.3

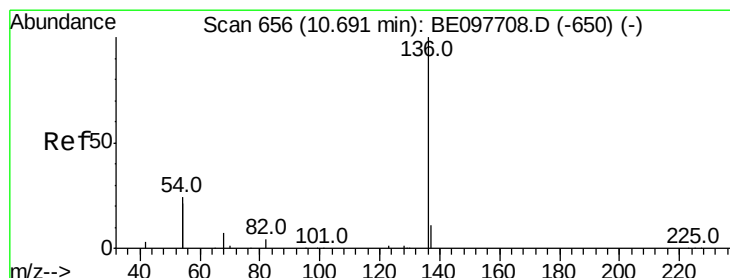
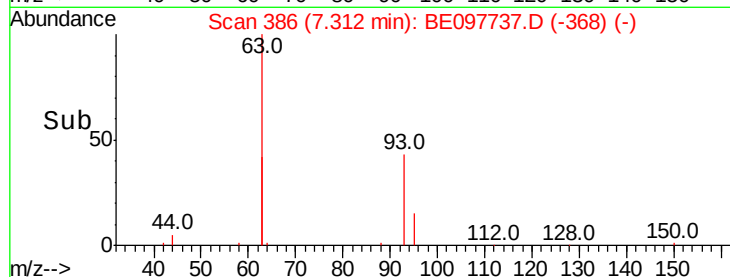
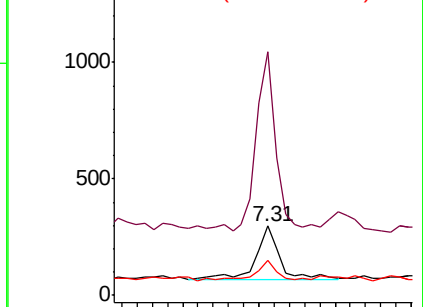
95 33.3 26.2 39.2



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: BE097737.D

Acq: 4 Oct 2018 22:17

Tgt Ion: 136 Resp: 12604

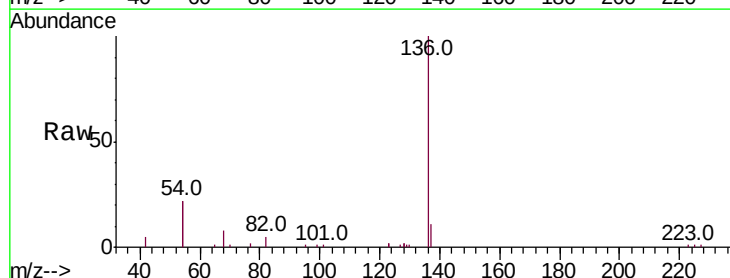
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 43.1 37.8 56.6

68 7.9 6.4 9.6

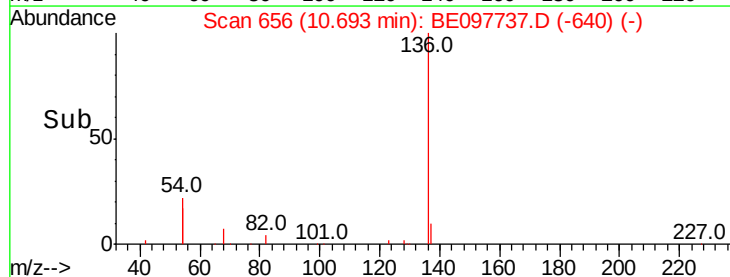
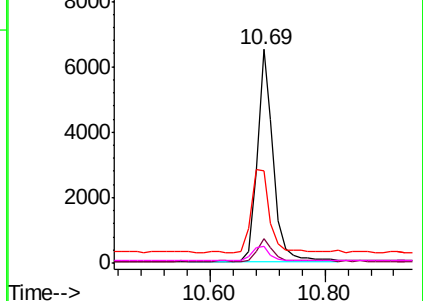


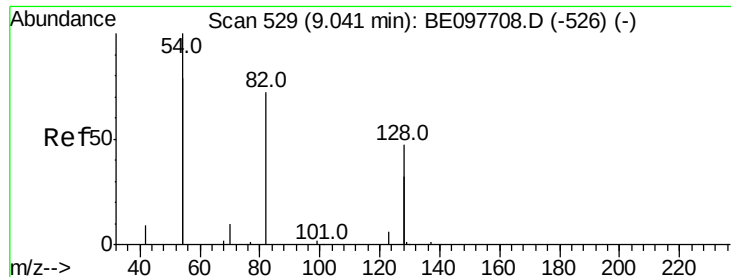
Abundance Ion 136.00 (135.70 to 136.70): E

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

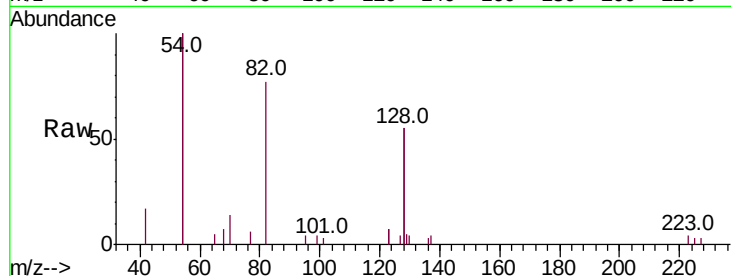




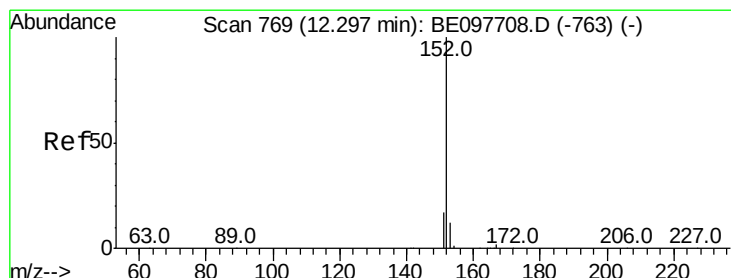
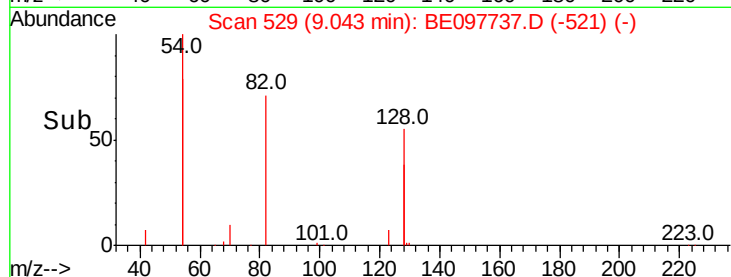
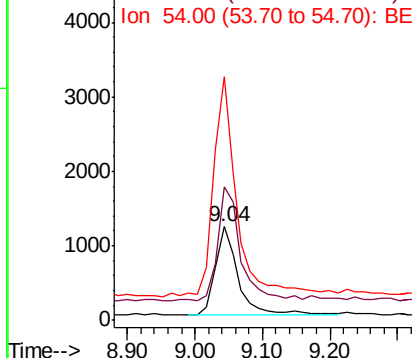
#8
 Nitrobenzene-d5
 Concen: 0.692 ng
 RT: 9.04 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BE097737.D
 Acq: 4 Oct 2018 22:17

Instrument :
 BNA_E
 ClientSampleId :
 TT-101D2-20180928

Tot Ion: 82 Resp: 2833
 Ion Ratio Lower Upper
 82 100
 128 142.8 97.0 145.4
 54 260.2 206.9 310.3

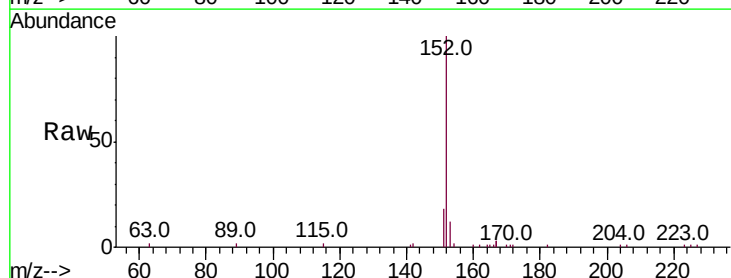


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

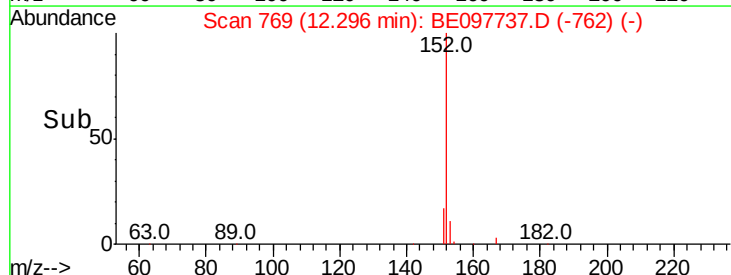
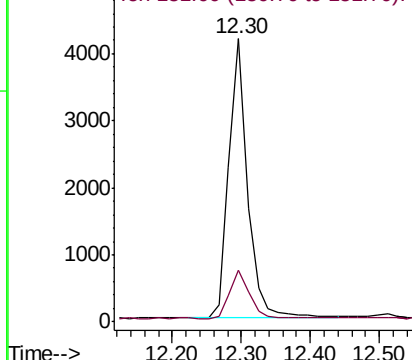


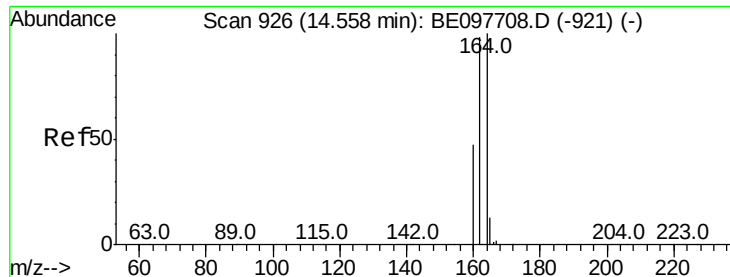
#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097737.D
 Acq: 4 Oct 2018 22:17

Tgt Ion: 152 Resp: 7885
 Ion Ratio Lower Upper
 152 100
 151 18.3 15.4 23.2



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

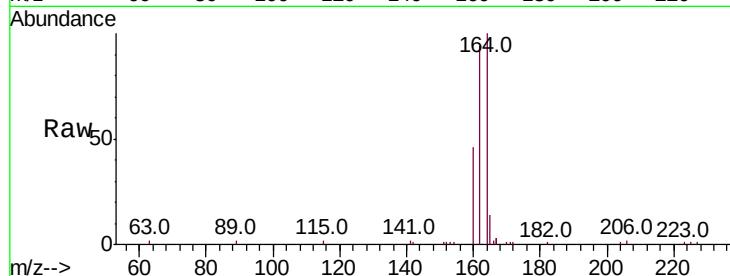




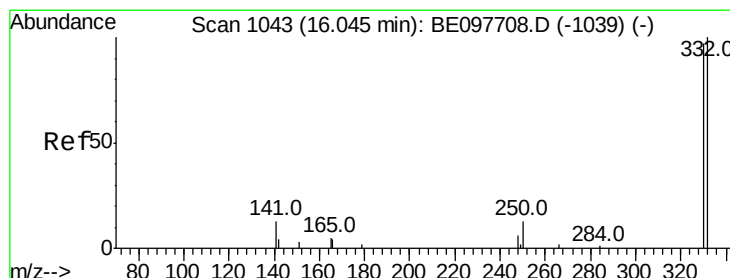
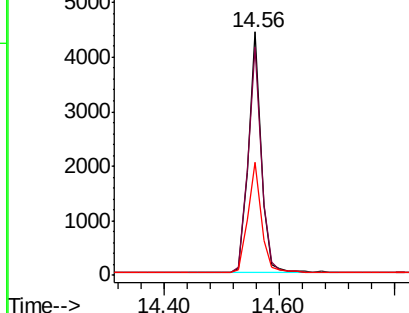
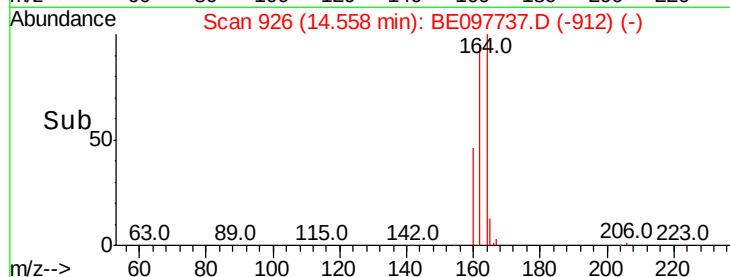
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097737.D
 Acq: 4 Oct 2018 22:17

Instrument :
 BNA_E
 ClientSampleId :
 TT-101D2-20180928

Tot Ion:164 Resp: 6861
 Ion Ratio Lower Upper
 164 100
 162 93.6 78.6 117.8
 160 46.5 37.8 56.6

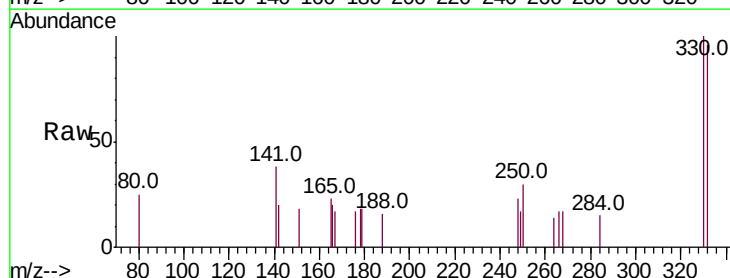


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

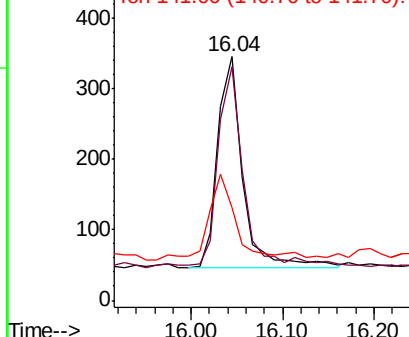
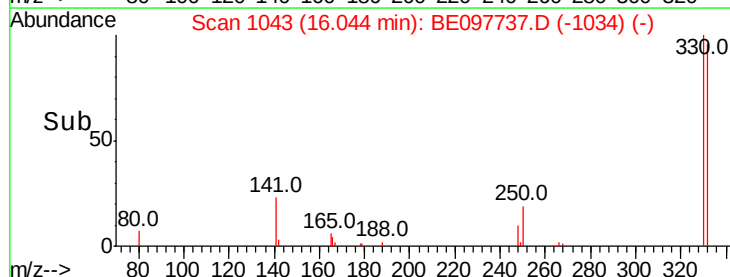


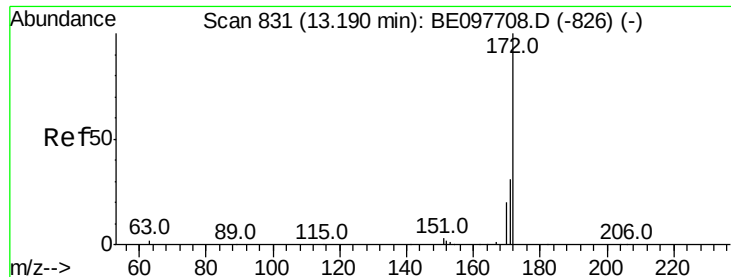
#14
 2,4,6-Tribromophenol
 Concen: 0.454 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097737.D
 Acq: 4 Oct 2018 22:17

Tgt Ion:330 Resp: 564
 Ion Ratio Lower Upper
 330 100
 332 98.8 83.5 125.3
 141 41.8 34.9 52.3



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

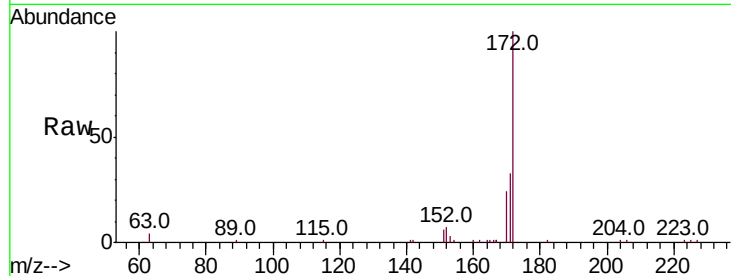




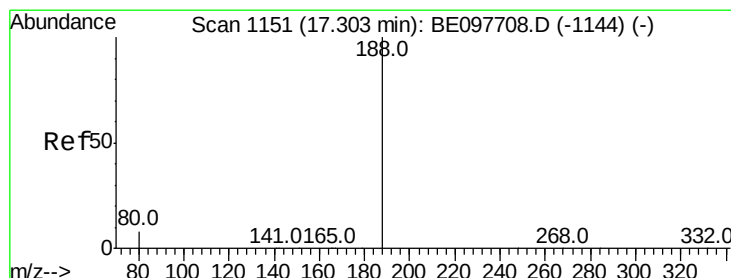
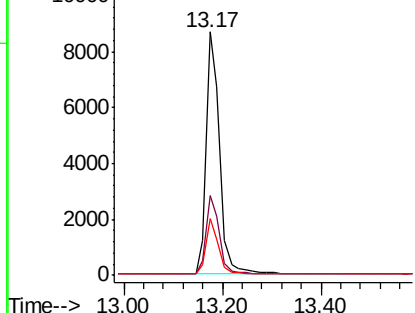
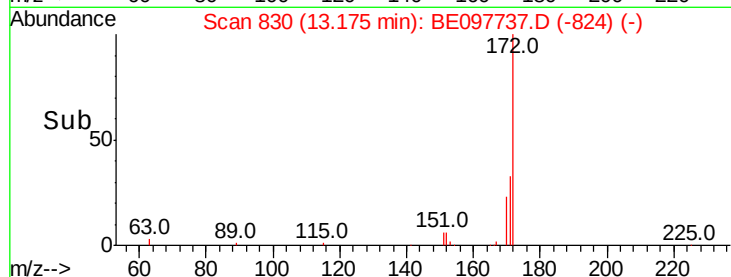
#15
2-Fluorobiphenyl
Concen: 0.541 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097737.D
Acq: 4 Oct 2018 22:17

Instrument :
BNA_E
ClientSampleId :
TT-101D2-20180928

Tot Ion:172 Resp: 16355
Ion Ratio Lower Upper
172 100
171 33.0 25.2 37.8
170 23.6 16.2 24.2

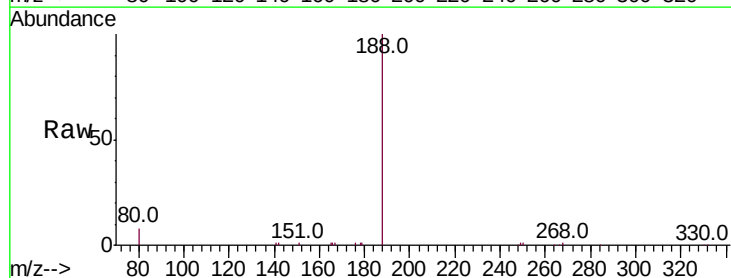


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

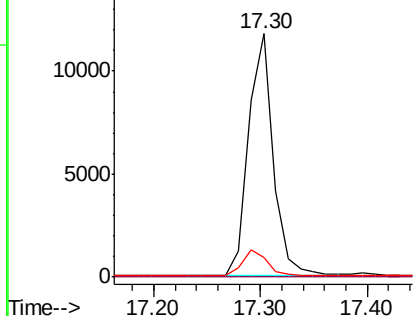
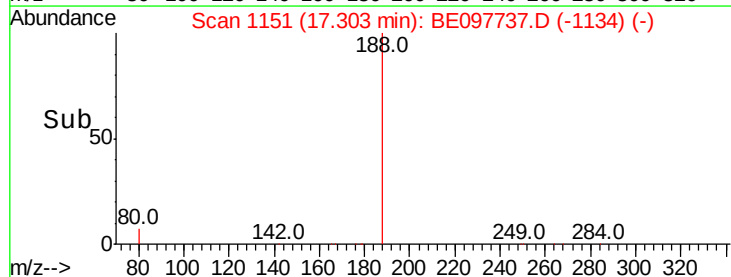


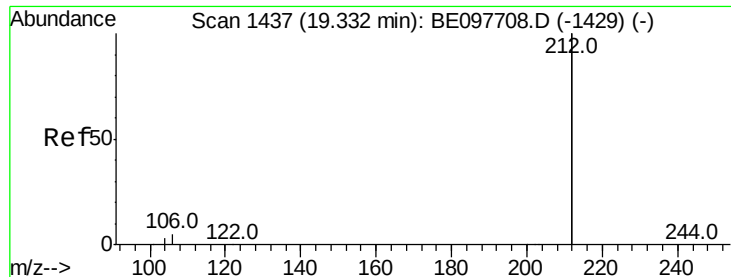
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097737.D
Acq: 4 Oct 2018 22:17

Tgt Ion:188 Resp: 19081
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 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: 0.457 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097737.D

Acq: 4 Oct 2018 22:17

Instrument :

BNA_E

ClientSampleId :

TT-101D2-20180928

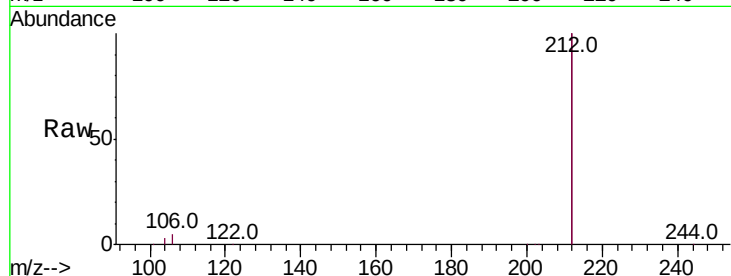
Tot Ion:212 Resp: 110438

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

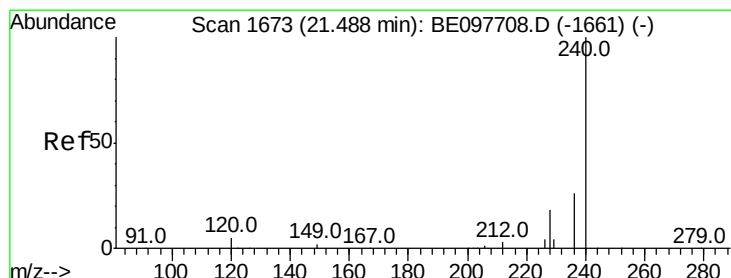
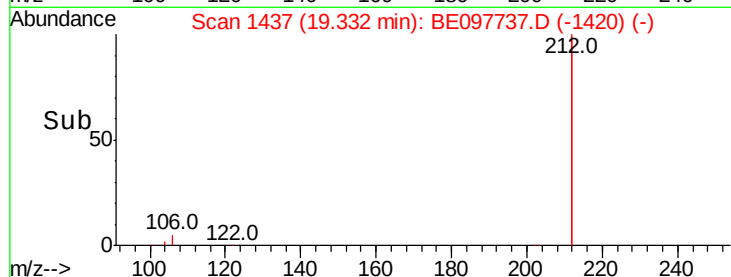
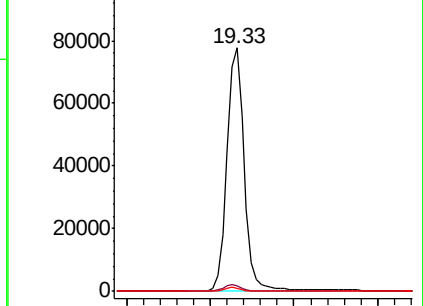
104 1.6 1.2 1.8



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: BE097737.D

Acq: 4 Oct 2018 22:17

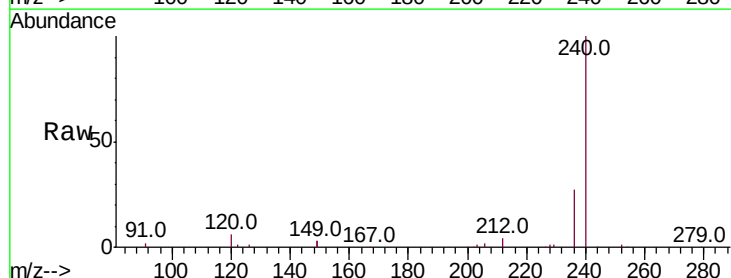
Tgt Ion:240 Resp: 26286

Ion Ratio Lower Upper

240 100

120 5.7 4.7 7.1

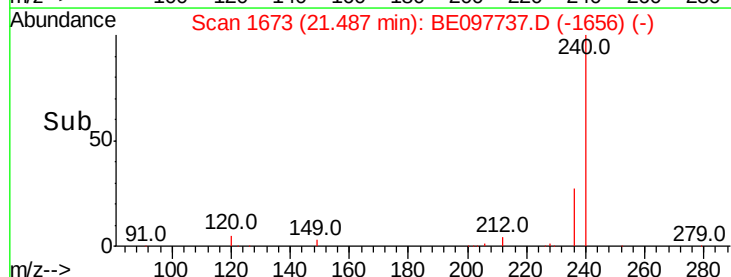
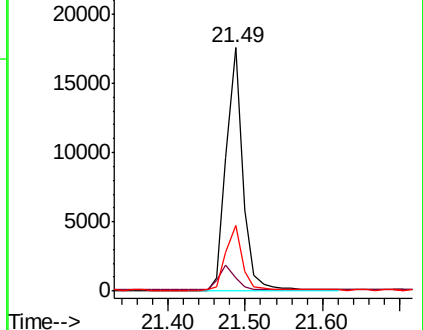
236 26.9 20.8 31.2

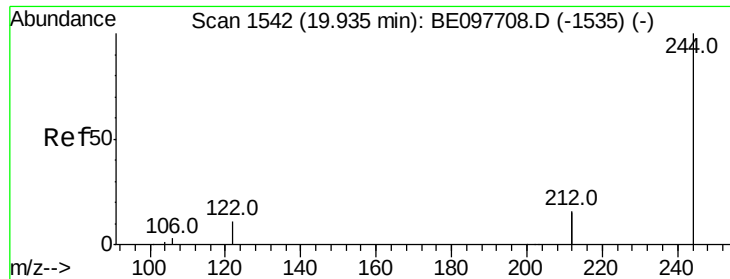


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.466 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097737.D

Acq: 4 Oct 2018 22:17

Instrument :

BNA_E

ClientSampleId :

TT-101D2-20180928

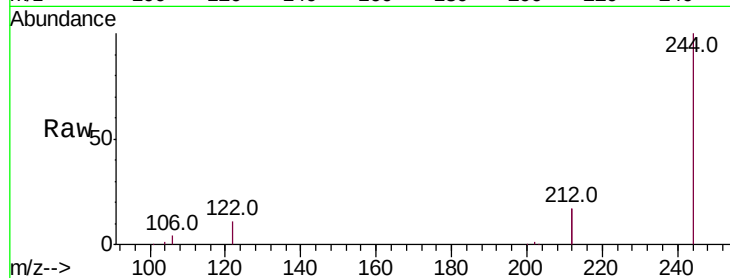
Tot Ion:244 Resp: 25021

Ion Ratio Lower Upper

244 100

212 34.0 25.8 38.8

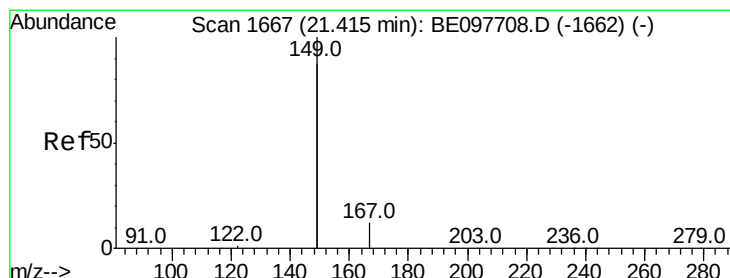
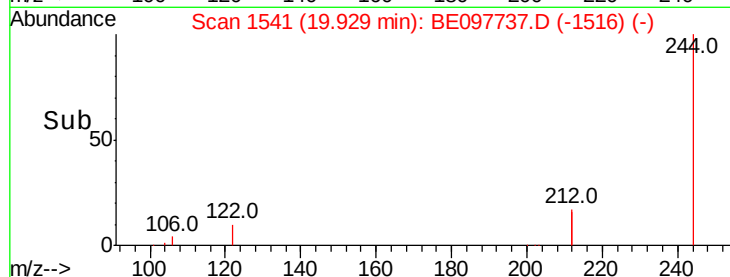
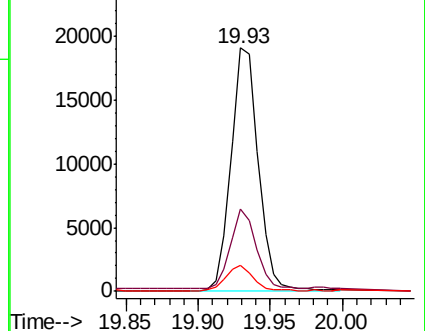
122 10.6 8.7 13.1



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: 0.089 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097737.D

Acq: 4 Oct 2018 22:17

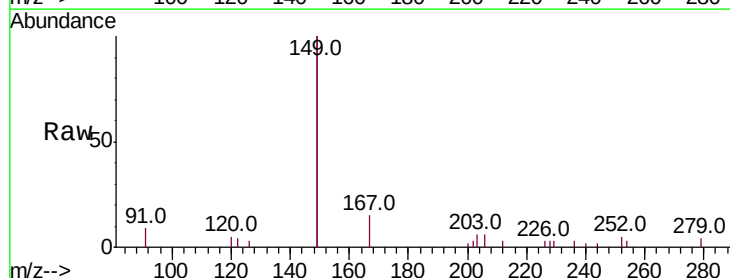
Tgt Ion:149 Resp: 4618

Ion Ratio Lower Upper

149 100

167 6.3 5.5 8.3

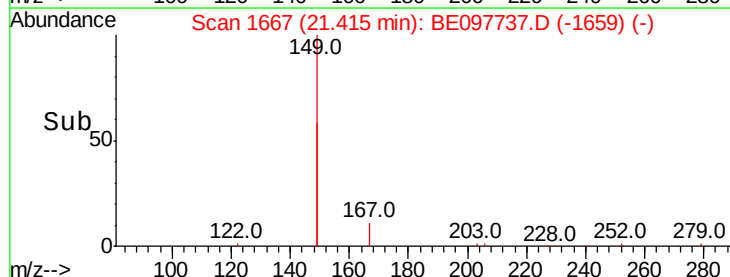
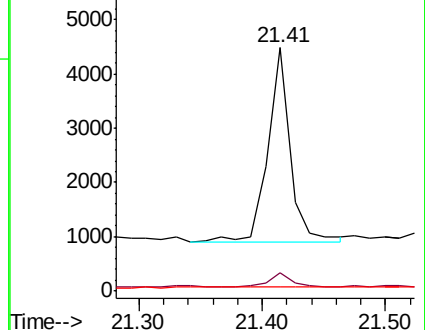
279 1.2 0.9 1.3

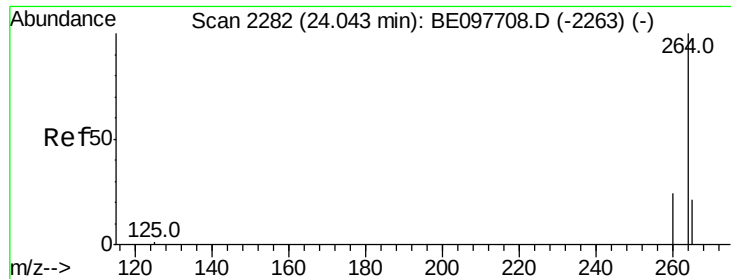


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlone-d12
 Concen: 0.400 ng
 RT: 24.04 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BE097737.D
 Acq: 4 Oct 2018 22:17

Instrument :
 BNA_E
 ClientSampleId :
 TT-101D2-20180928

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.1	28.7
265	26.9	21.9	32.9

