

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
 Data File : BE097734.D
 Acq On : 4 Oct 2018 20:27
 Operator : SJ/JU
 Sample : J5189-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-117D1-20180926

Quant Time: Oct 05 06:52:06 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

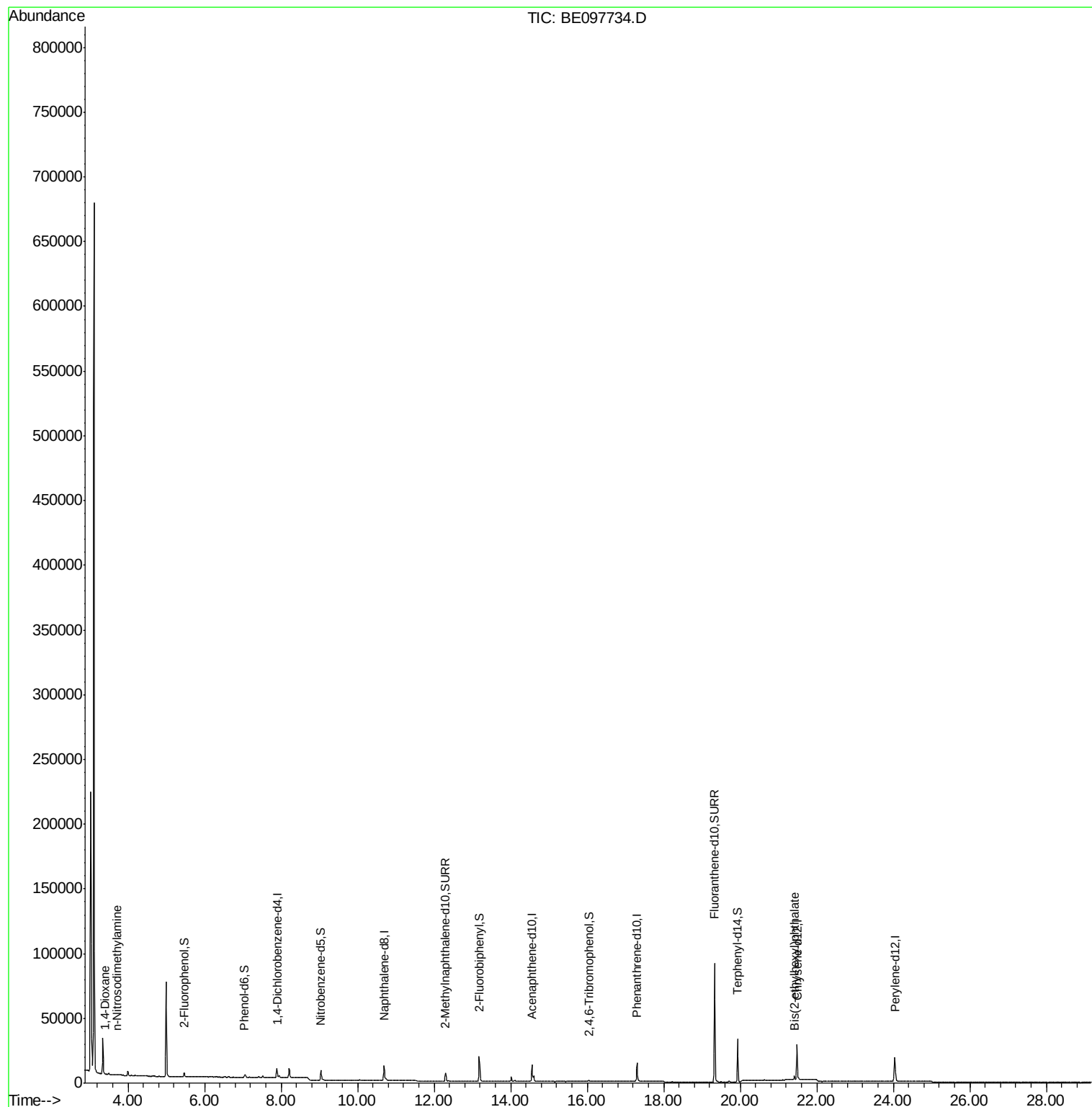
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3396	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	13799	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7533	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	21255	0.40	ng	0.00
27) Chrysene-d12	21.49	240	30110	0.40	ng	0.00
34) Perylene-d12	24.04	264	28855	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1698	0.21	ng	0.00
5) Phenol-d6	7.04	99	1395	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	3157	0.70	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8664	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	819	0.60	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	20605	0.62	ng	-0.02
25) Fluoranthene-d10	19.33	212	123487	0.46	ng	0.00
29) Terphenyl-d14	19.93	244	30134	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	171	0.025	ng	Qvalue # 30
3) n-Nitrosodimethylamine	3.70	42	151	0.025	ng	# 14
32) Bis(2-ethylhexyl)phthalate	21.41	149	3766	0.064	ng	# 98

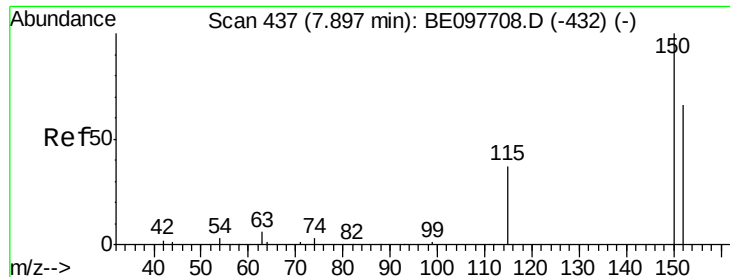
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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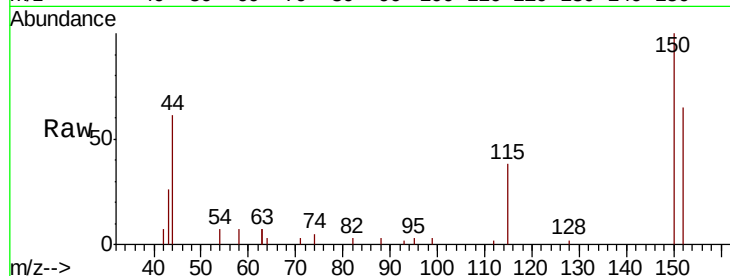


#1

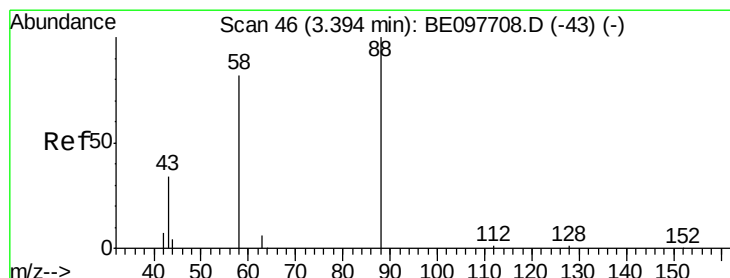
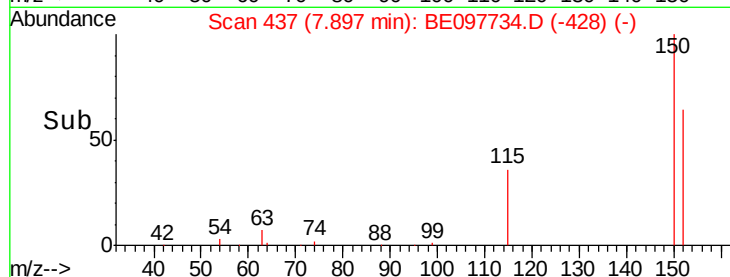
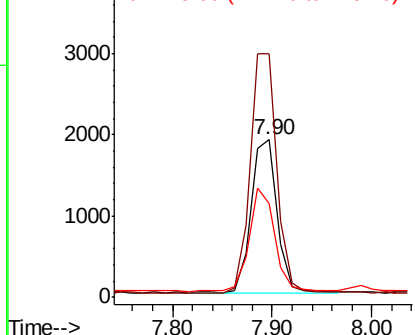
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097734.D
Acq: 4 Oct 2018 20:27

Instrument :
BNA_E
ClientSampleId :
RE-117D1-20180926

Tgt Ion: 152 Resp: 3396
Ion Ratio Lower Upper
152 100
150 154.5 120.9 181.3
115 59.4 46.6 69.8



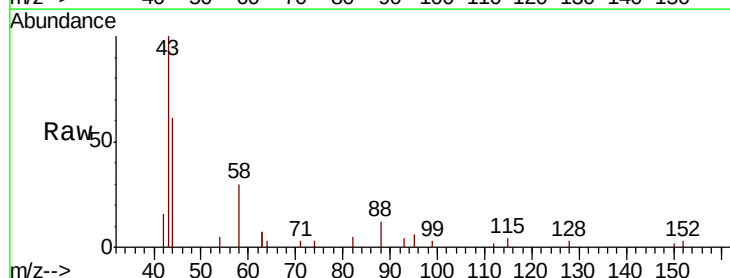
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



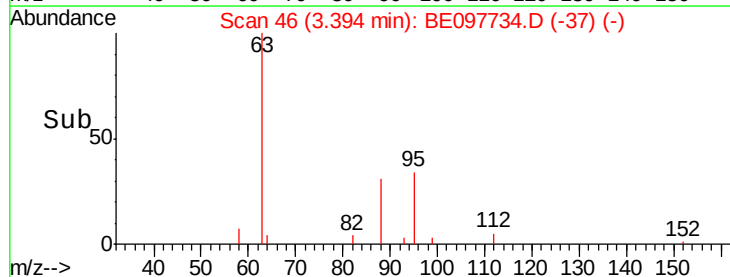
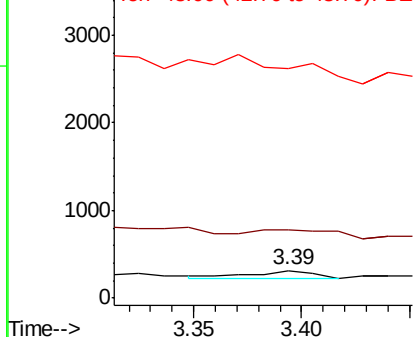
#2

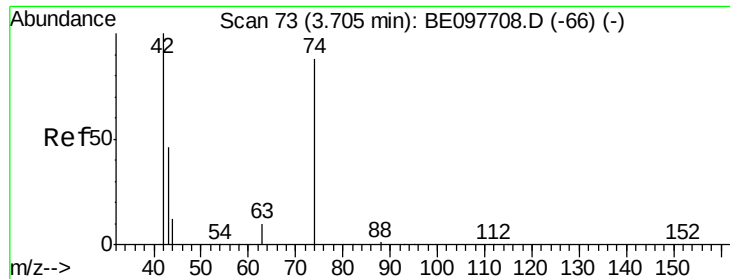
1,4-Dioxane
Concen: 0.025 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097734.D
Acq: 4 Oct 2018 20:27

Tgt Ion: 88 Resp: 171
Ion Ratio Lower Upper
88 100
58 155.6 70.8 106.2#
43 0.0 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





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097734.D

Acq: 4 Oct 2018 20:27

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20180926

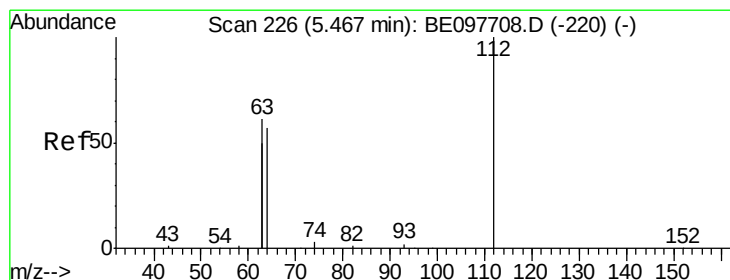
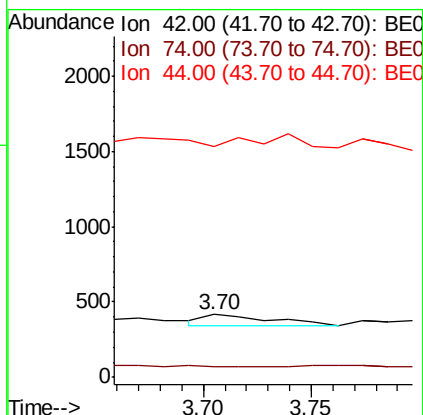
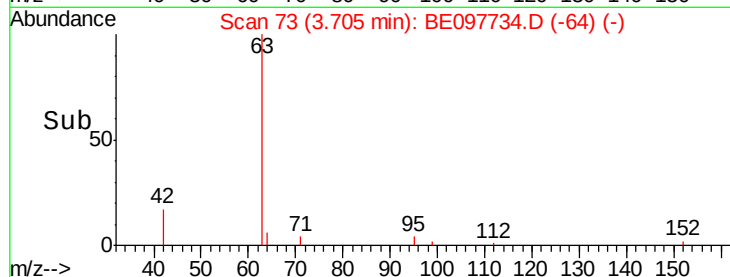
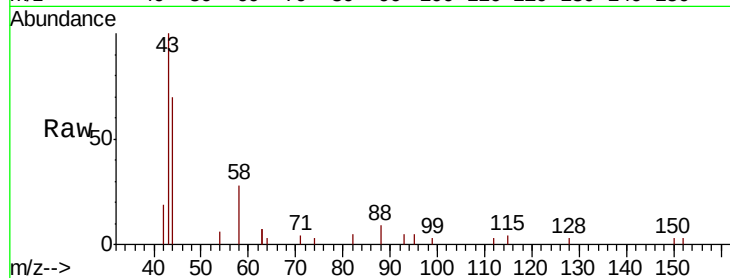
Tgt Ion: 42 Resp: 151

Ion Ratio Lower Upper

42 100

74 0.0 70.7 106.1#

44 0.0 15.0 22.4#



#4

2-Fluorophenol

Concen: 0.211 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097734.D

Acq: 4 Oct 2018 20:27

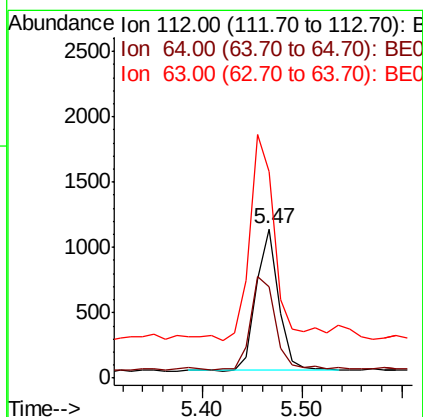
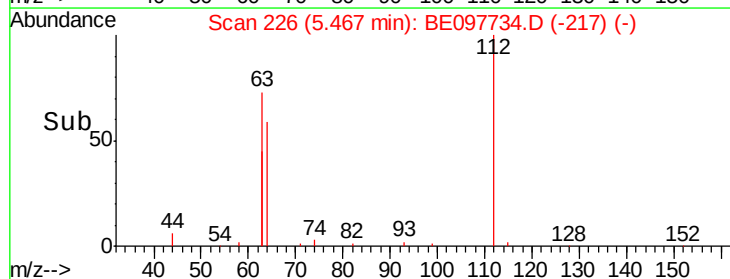
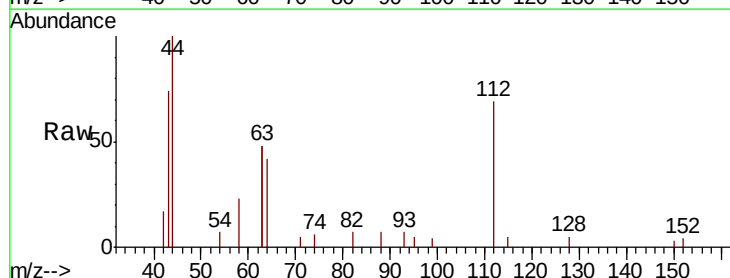
Tgt Ion: 112 Resp: 1698

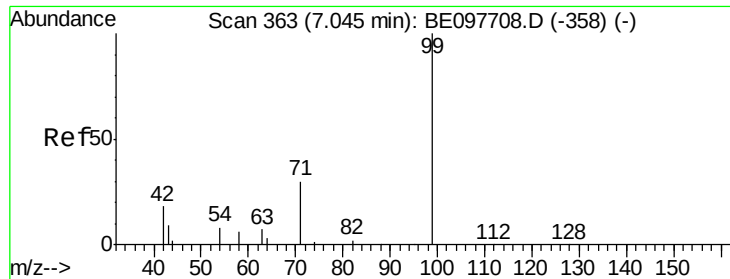
Ion Ratio Lower Upper

112 100

64 74.8 56.6 84.8

63 155.8 119.4 179.0





#5

Phenol-d6

Concen: 0.113 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097734.D

Acq: 4 Oct 2018 20:27

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20180926

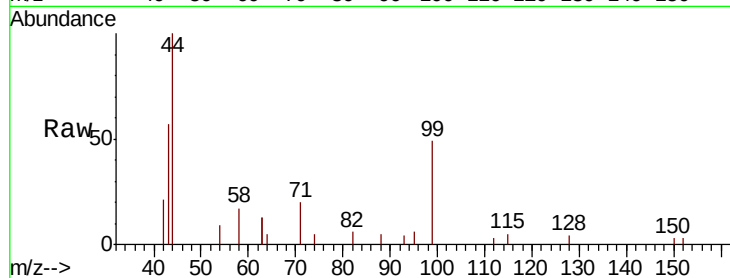
Tgt Ion: 99 Resp: 1395

Ion Ratio Lower Upper

99 100

42 43.7 19.9 29.9#

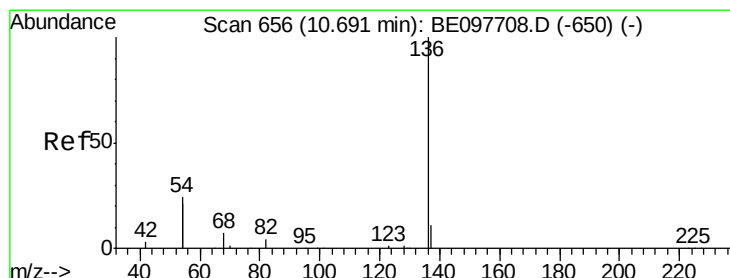
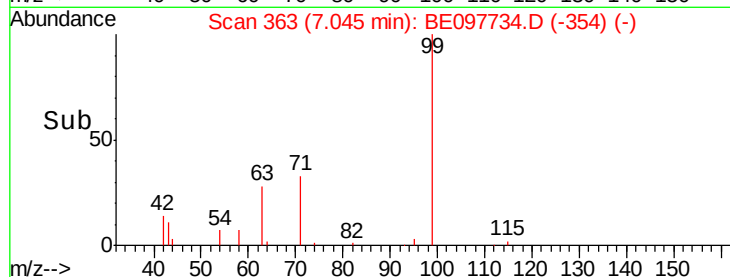
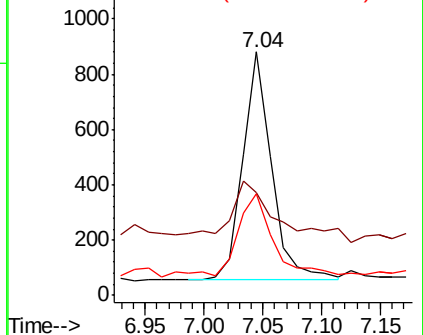
71 41.6 25.4 38.2#



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: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097734.D

Acq: 4 Oct 2018 20:27

Tgt Ion: 136 Resp: 13799

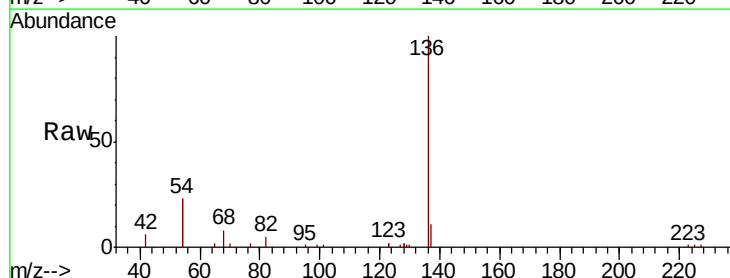
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 45.0 37.8 56.6

68 8.2 6.4 9.6

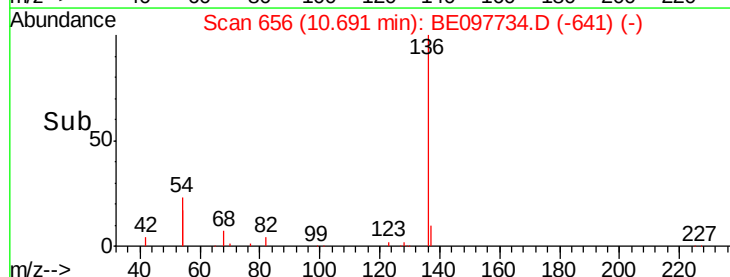
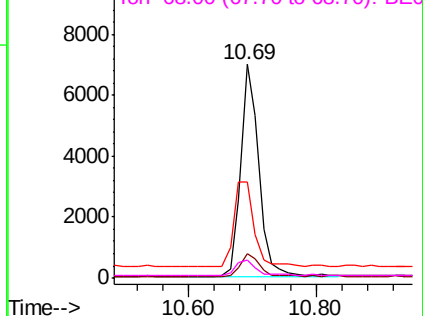


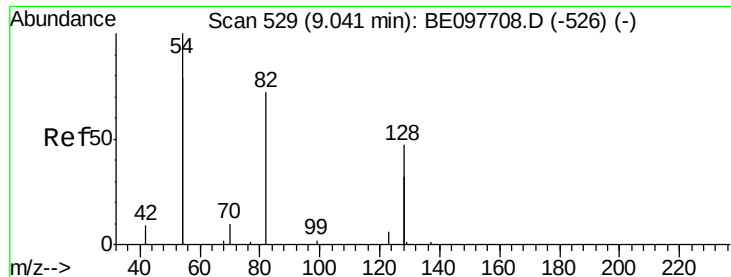
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.705 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097734.D

Acq: 4 Oct 2018 20:27

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20180926

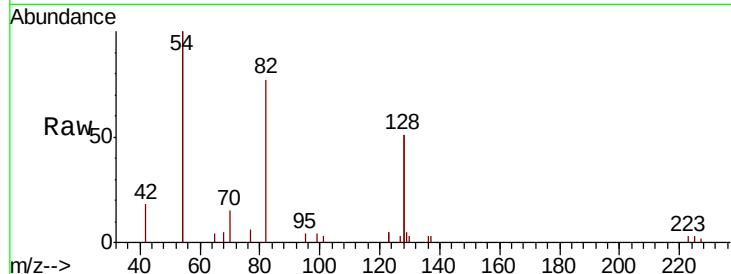
Tgt Ion: 82 Resp: 3157

Ion Ratio Lower Upper

82 100

128 130.9 97.0 145.4

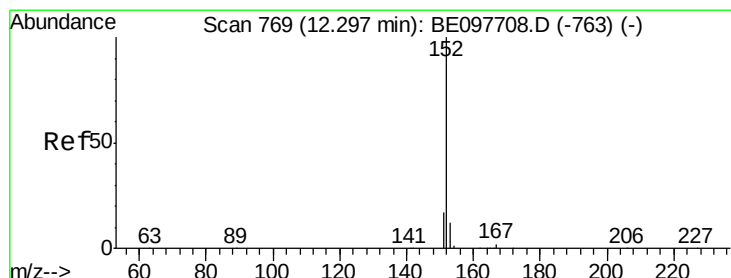
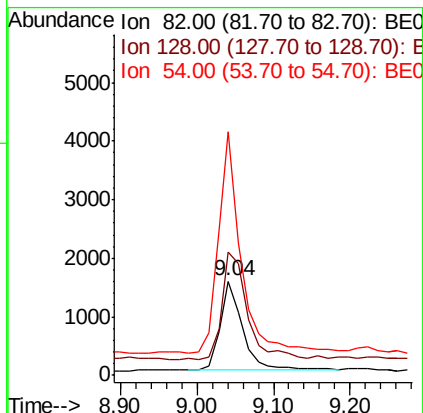
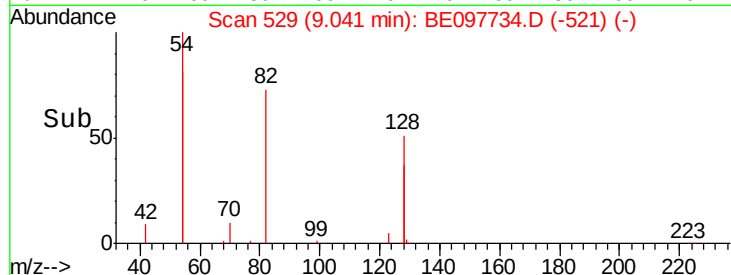
54 258.7 206.9 310.3



Abundance Ion 82.00 (81.70 to 82.70): BE097734.D (-521) (-)

Ion 128.00 (127.70 to 128.70): BE097734.D (-521) (-)

Ion 54.00 (53.70 to 54.70): BE097734.D (-521) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097734.D

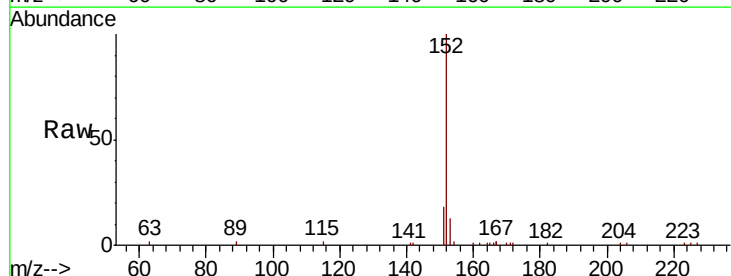
Acq: 4 Oct 2018 20:27

Tgt Ion: 152 Resp: 8664

Ion Ratio Lower Upper

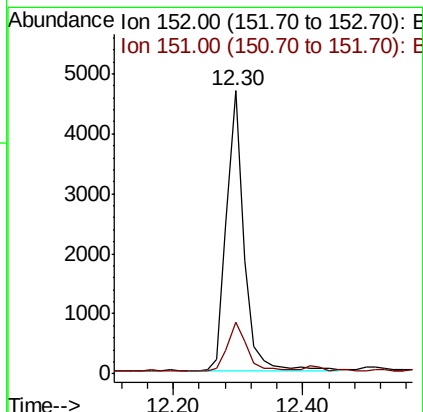
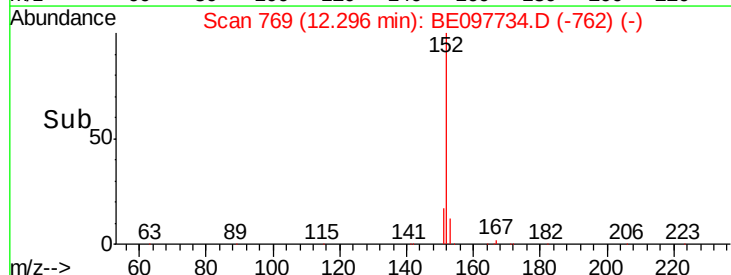
152 100

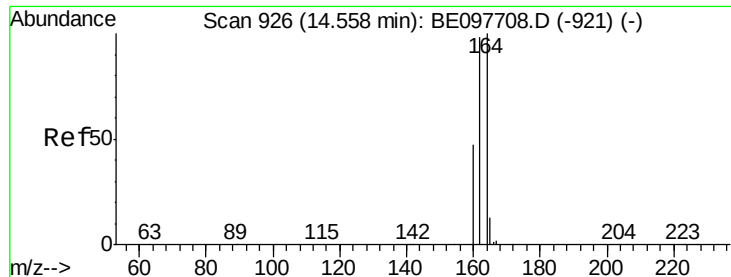
151 18.5 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BE097734.D (-762) (-)

Ion 151.00 (150.70 to 151.70): BE097734.D (-762) (-)

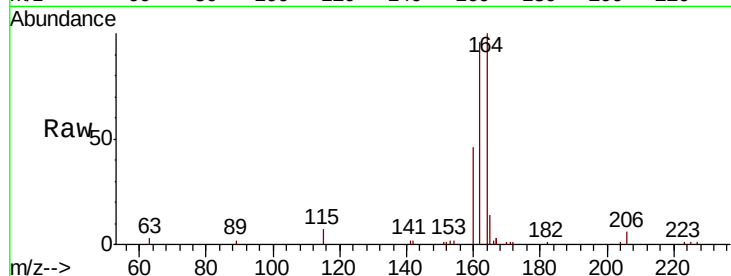




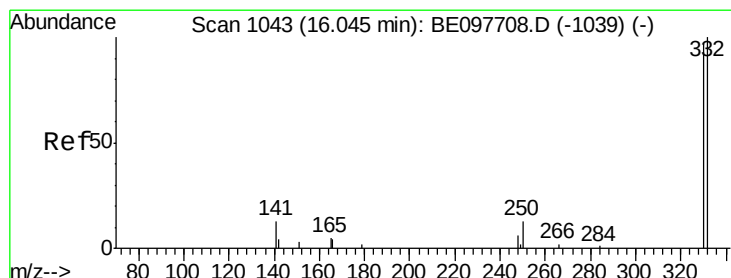
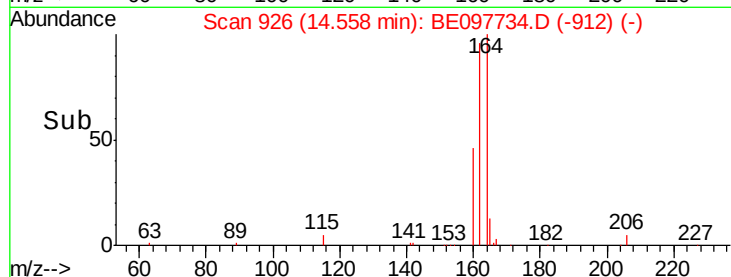
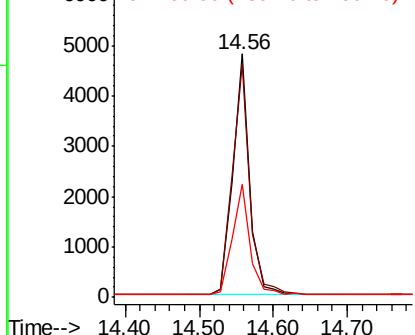
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097734.D
 Acq: 4 Oct 2018 20:27

Instrument :
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 RE-117D1-20180926

Tgt Ion:164 Resp: 7533
 Ion Ratio Lower Upper
 164 100
 162 96.1 78.6 117.8
 160 46.3 37.8 56.6

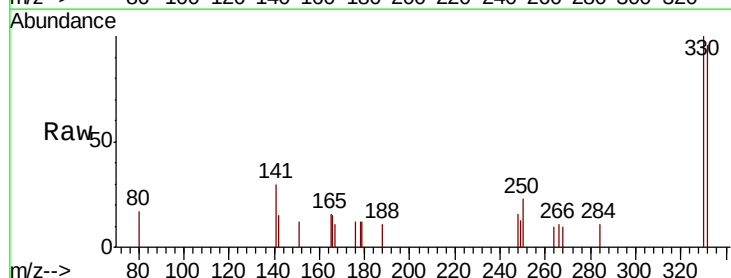


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

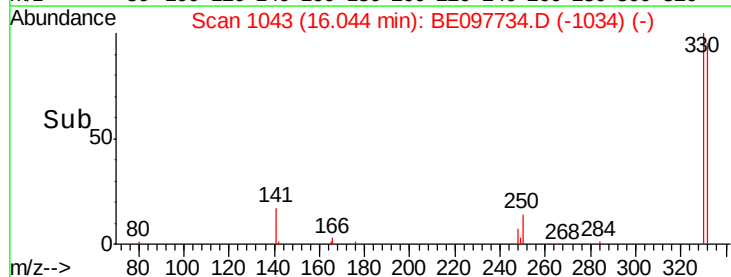
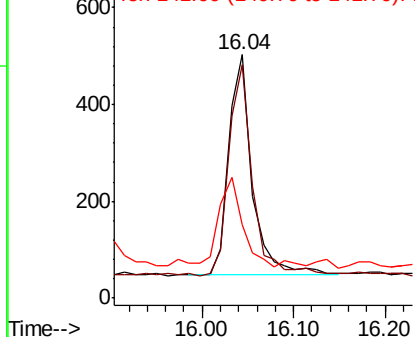


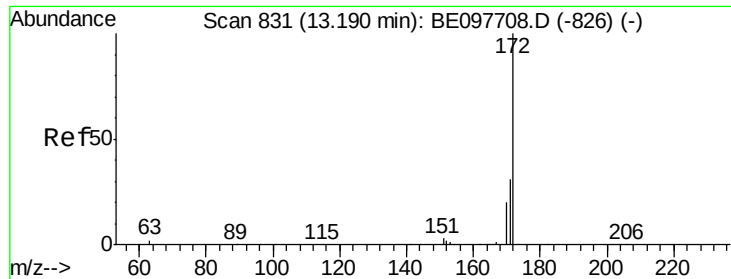
#14
 2,4,6-Tribromophenol
 Concen: 0.600 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097734.D
 Acq: 4 Oct 2018 20:27

Tgt Ion:330 Resp: 819
 Ion Ratio Lower Upper
 330 100
 332 97.9 83.5 125.3
 141 42.0 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

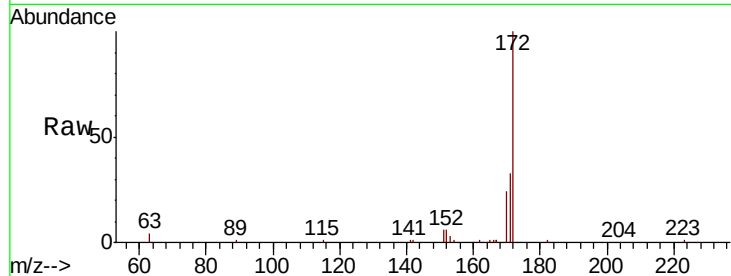




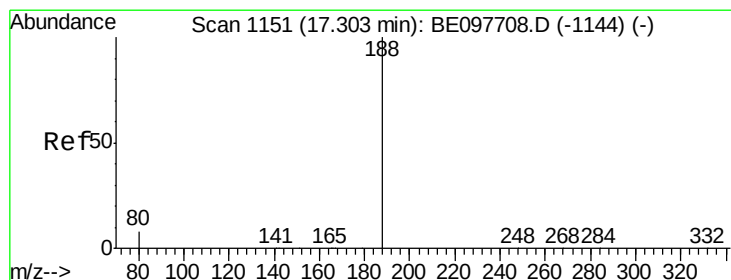
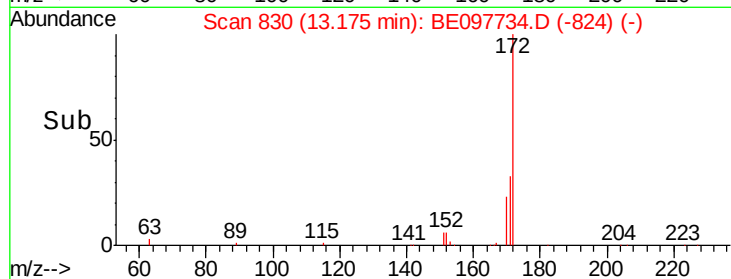
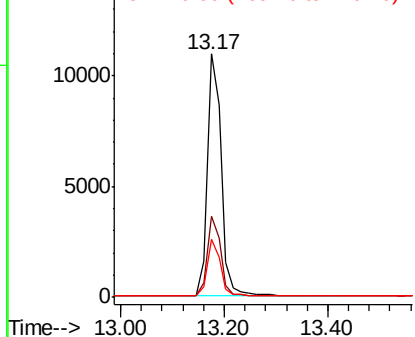
#15
2-Fluorobiphenyl
Concen: 0.621 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097734.D
Acq: 4 Oct 2018 20:27

Instrument :
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Tgt Ion:172 Resp: 20605
Ion Ratio Lower Upper
172 100
171 33.3 25.2 37.8
170 23.8 16.2 24.2

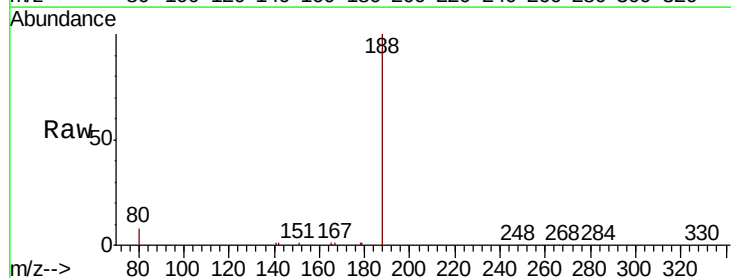


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

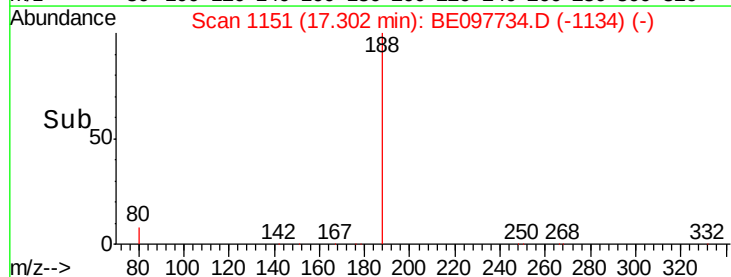
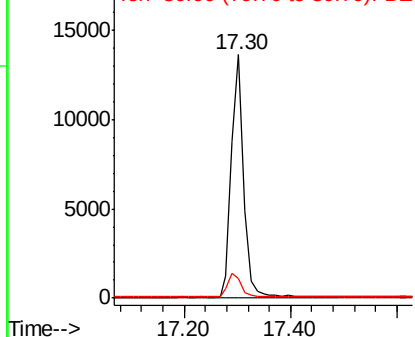


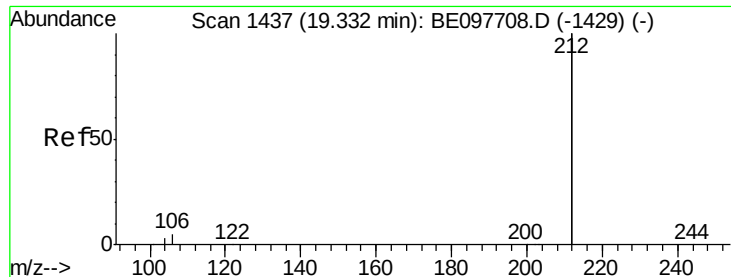
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097734.D
Acq: 4 Oct 2018 20:27

Tgt Ion:188 Resp: 21255
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 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: 0.459 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097734.D

Acq: 4 Oct 2018 20:27

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20180926

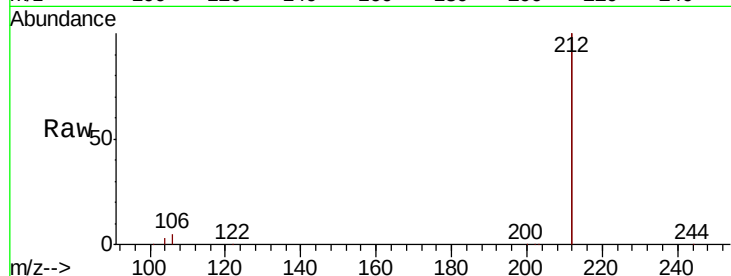
Tgt Ion:212 Resp: 123487

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

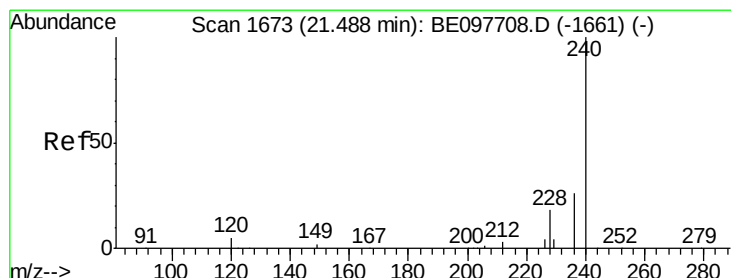
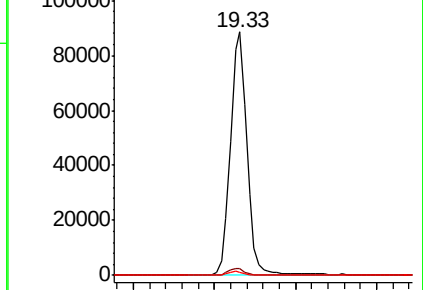
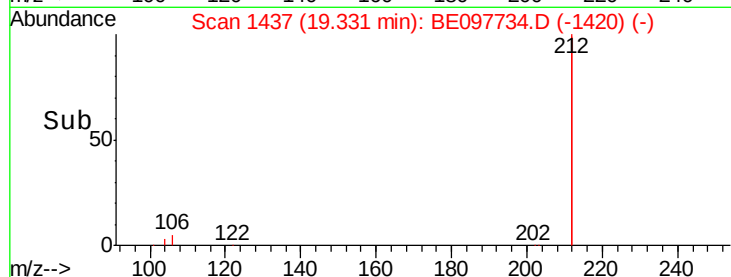
104 1.5 1.2 1.8



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: BE097734.D

Acq: 4 Oct 2018 20:27

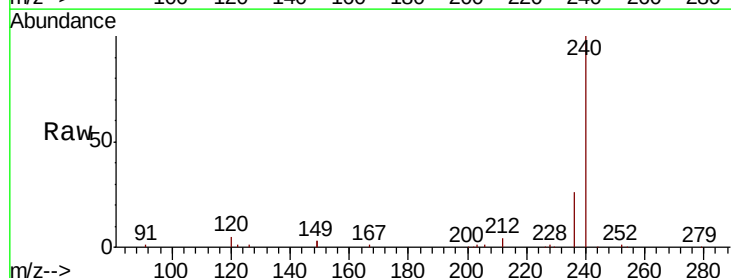
Tgt Ion:240 Resp: 30110

Ion Ratio Lower Upper

240 100

120 5.1 4.7 7.1

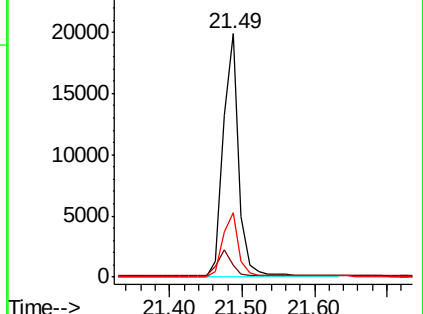
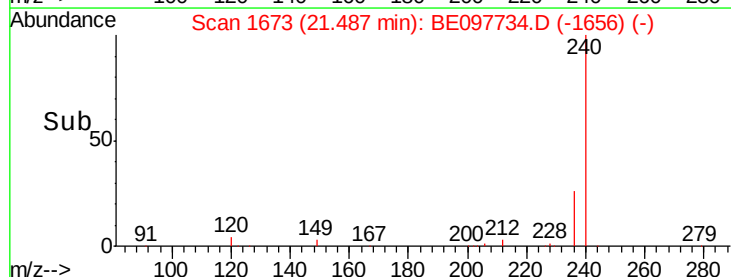
236 26.4 20.8 31.2

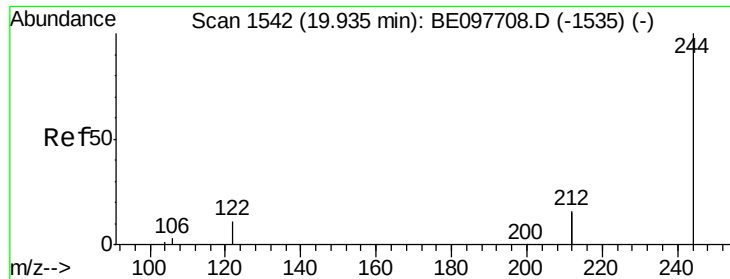


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.490 ng

RT: 19.93 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE097734.D

Acq: 4 Oct 2018 20:27

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20180926

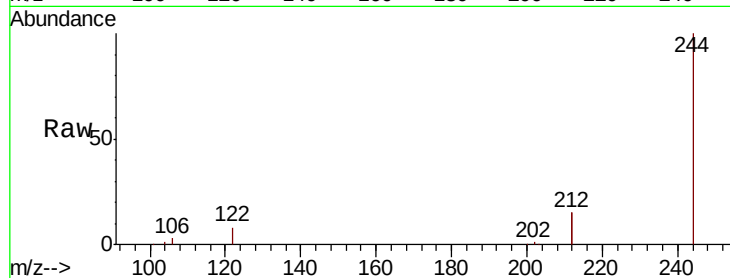
Tgt Ion:244 Resp: 30134

Ion Ratio Lower Upper

244 100

212 30.2 25.8 38.8

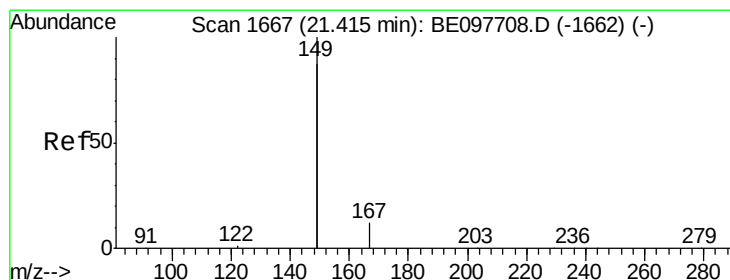
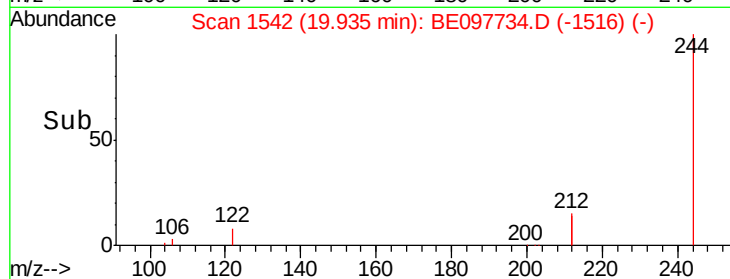
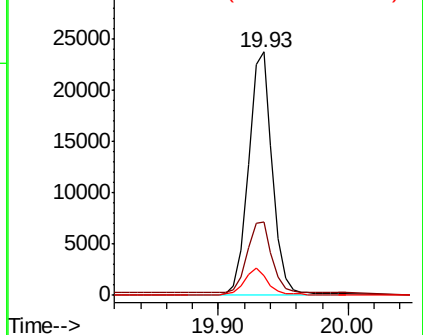
122 8.3 8.7 13.1#



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: 0.064 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097734.D

Acq: 4 Oct 2018 20:27

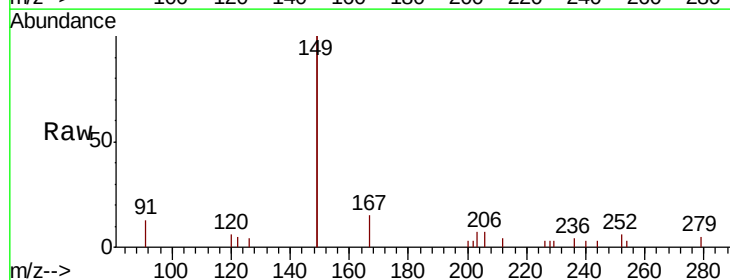
Tgt Ion:149 Resp: 3766

Ion Ratio Lower Upper

149 100

167 7.6 5.5 8.3

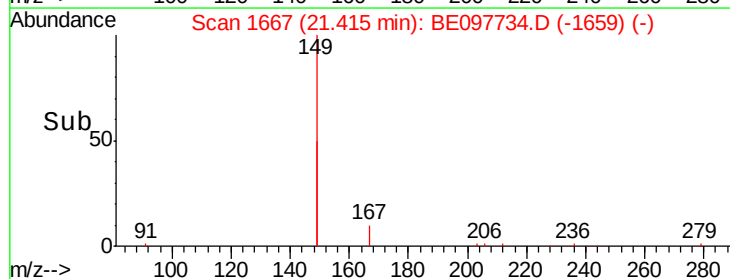
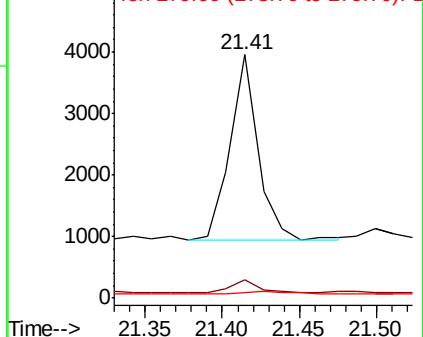
279 2.4 0.9 1.3#

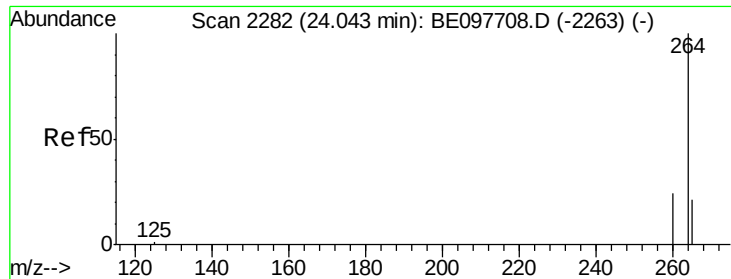


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2280

Delta R.T. -0.01 min

Lab File: BE097734.D

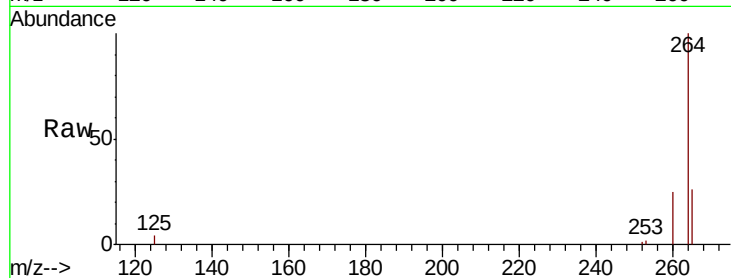
Acq: 4 Oct 2018 20:27

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20180926



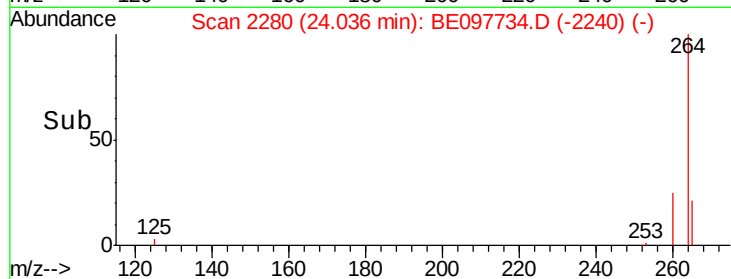
Tgt Ion: 264 Resp: 28855

Ion Ratio Lower Upper

264 100

260 25.5 19.1 28.7

265 25.6 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

