

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
 Data File : BE097735.D
 Acq On : 4 Oct 2018 21:05
 Operator : SJ/JU
 Sample : J5189-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-105D1-20180927

Quant Time: Oct 05 06:52:17 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

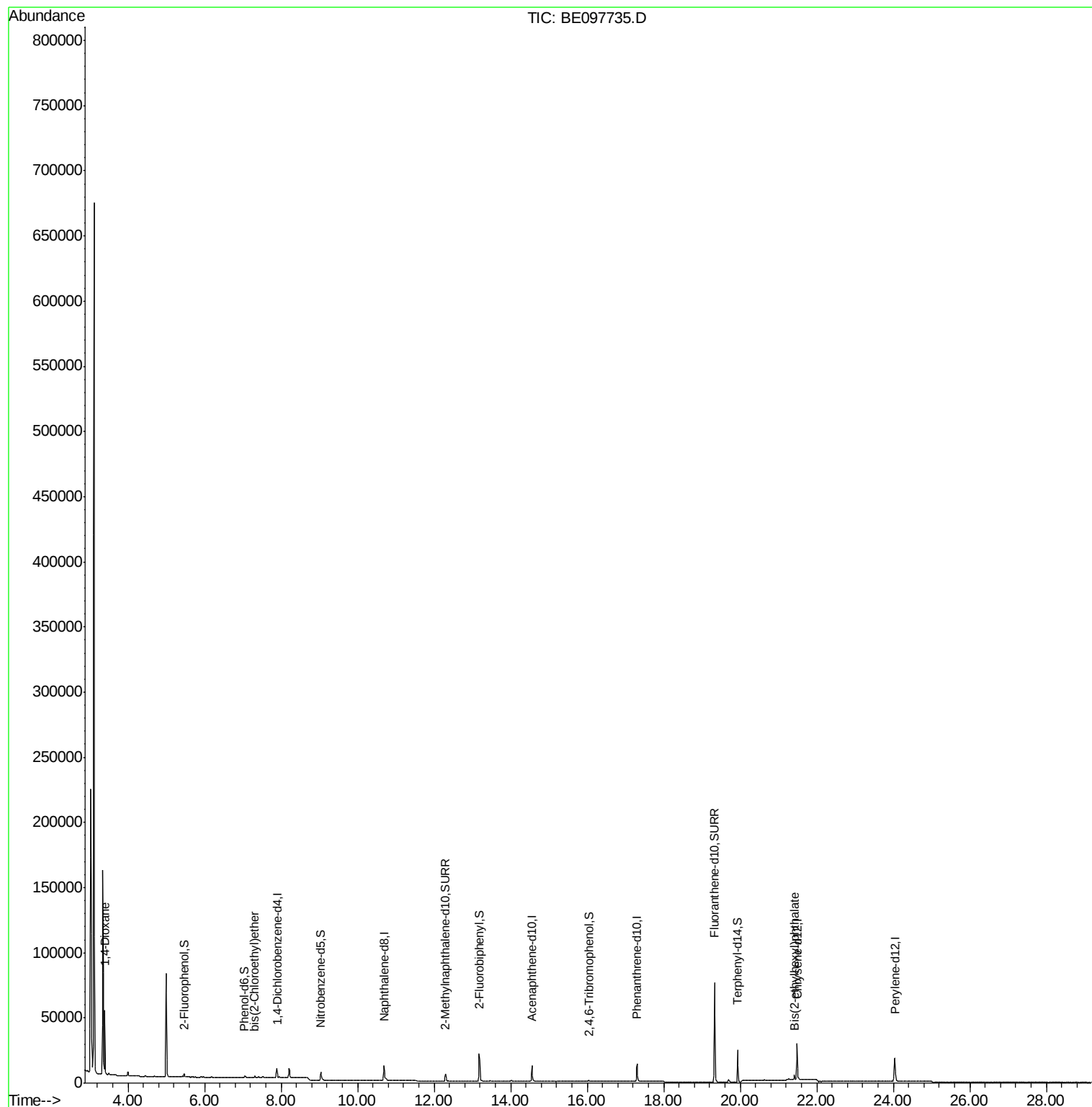
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3452	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	13414	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7265	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	20143	0.40	ng	0.00
27) Chrysene-d12	21.49	240	28711	0.40	ng	0.00
34) Perylene-d12	24.04	264	27795	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1406	0.17	ng	0.00
5) Phenol-d6	7.04	99	1160	0.09	ng	0.00
8) Nitrobenzene-d5	9.04	82	2743	0.63	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	7383	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	627	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	24172	0.76	ng	-0.02
25) Fluoranthene-d10	19.33	212	104352	0.41	ng	0.00
29) Terphenyl-d14	19.93	244	22085	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	26456	3.846	ng	98
6) bis(2-Chloroethyl)ether	7.31	93	472	0.036	ng	99
32) Bis(2-ethylhexyl)phthalate	21.41	149	4381	0.078	ng	97

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

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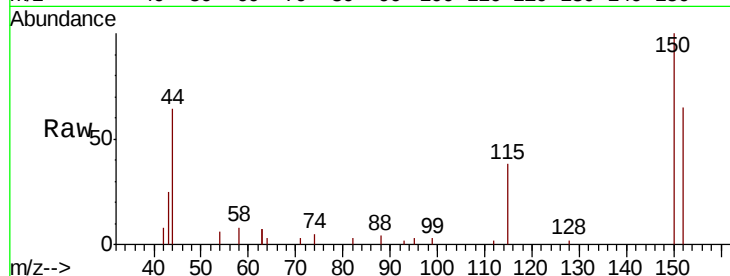


#1

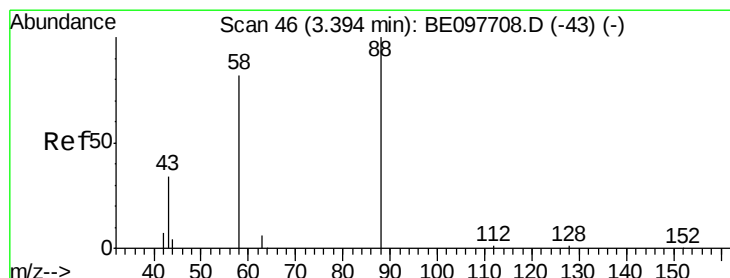
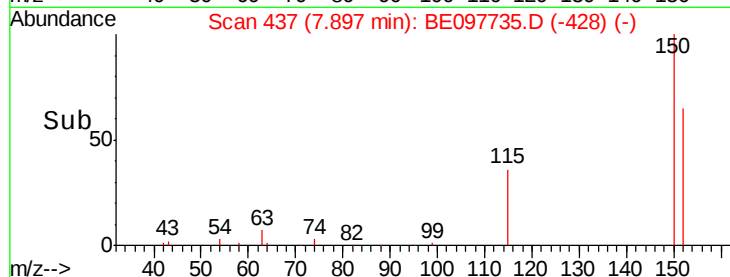
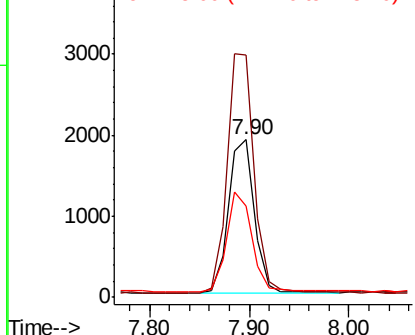
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097735.D
Acq: 4 Oct 2018 21:05

Instrument :
BNA_E
ClientSampleId :
RE-105D1-20180927

Tgt Ion:152 Resp: 3452
Ion Ratio Lower Upper
152 100
150 153.3 120.9 181.3
115 58.0 46.6 69.8



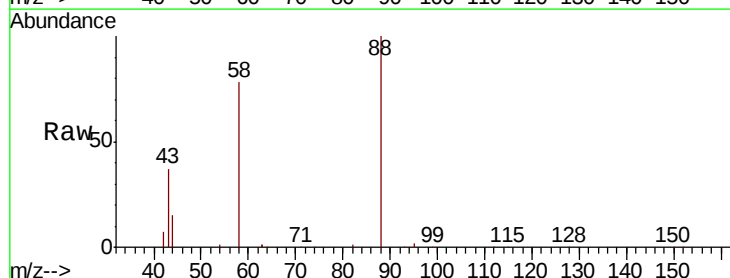
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



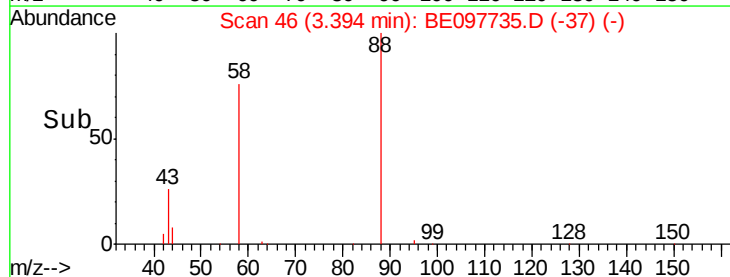
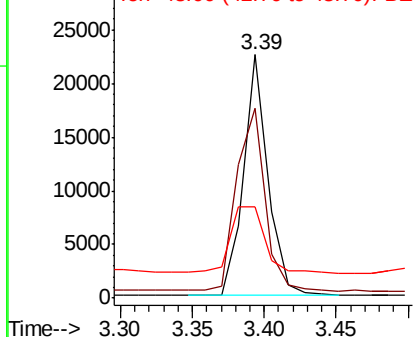
#2

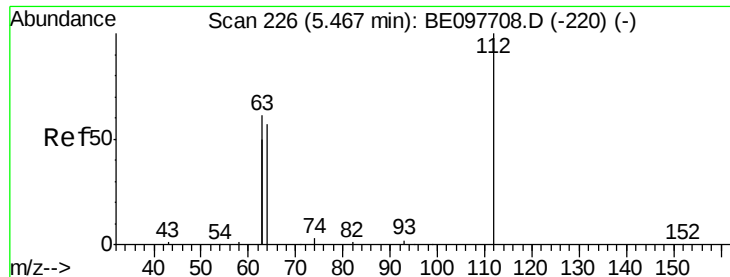
1,4-Dioxane
Concen: 3.846 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097735.D
Acq: 4 Oct 2018 21:05

Tgt Ion: 88 Resp: 26456
Ion Ratio Lower Upper
88 100
58 87.7 70.8 106.2
43 38.6 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: 0.172 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097735.D

Acq: 4 Oct 2018 21:05

Instrument :

BNA_E

ClientSampleId :

RE-105D1-20180927

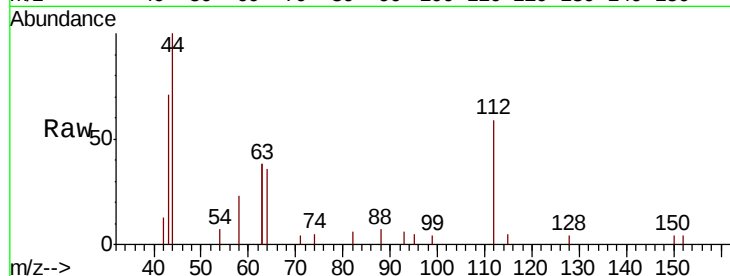
Tgt Ion: 112 Resp: 1406

Ion Ratio Lower Upper

112 100

64 67.9 56.6 84.8

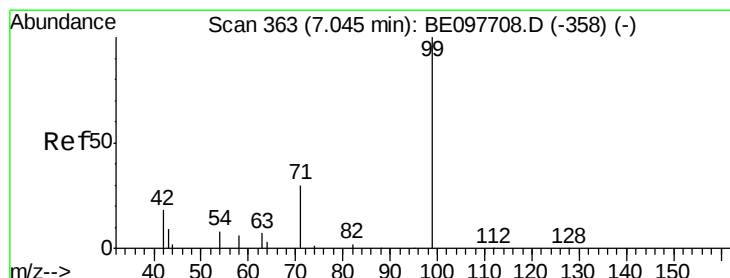
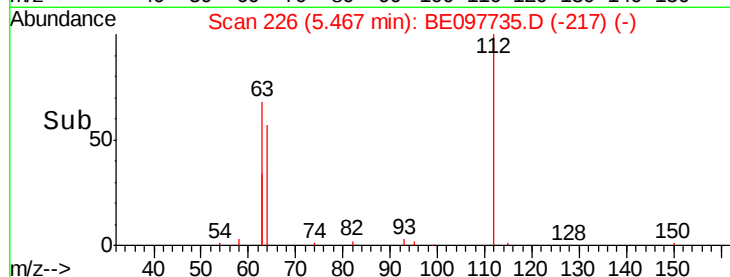
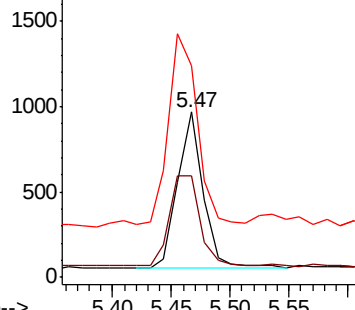
63 142.7 119.4 179.0



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: 0.093 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097735.D

Acq: 4 Oct 2018 21:05

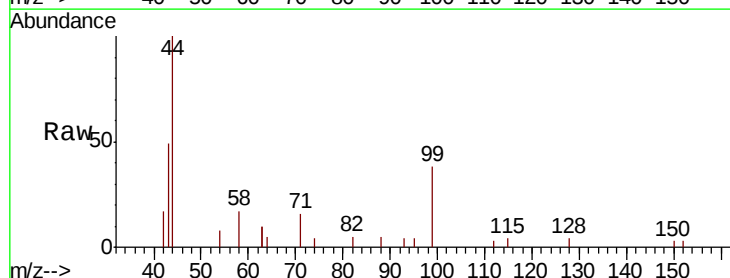
Tgt Ion: 99 Resp: 1160

Ion Ratio Lower Upper

99 100

42 42.9 19.9 29.9#

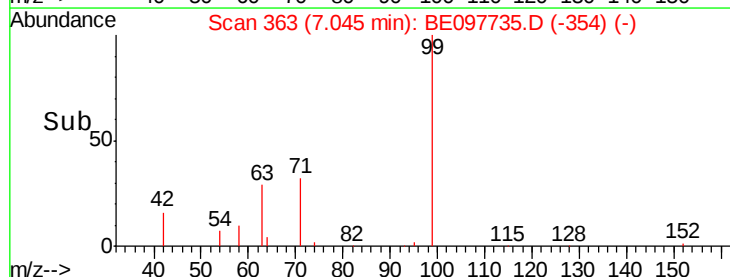
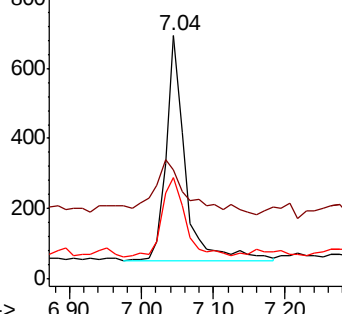
71 43.5 25.4 38.2#

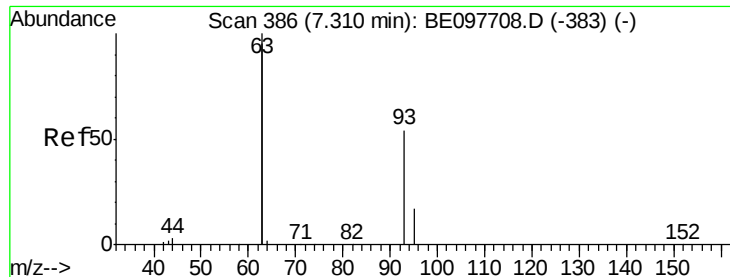


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.036 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097735.D

Acq: 4 Oct 2018 21:05

Instrument :

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ClientSampleId :

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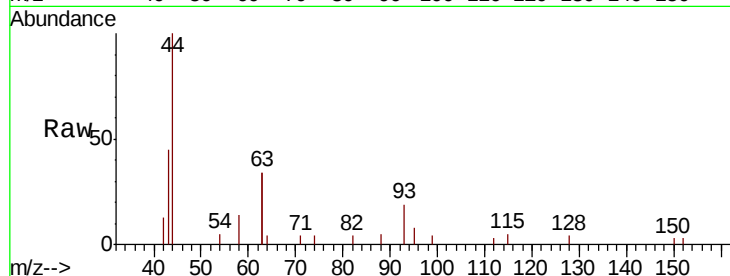
Tgt Ion: 93 Resp: 472

Ion Ratio Lower Upper

93 100

63 334.7 266.9 400.3

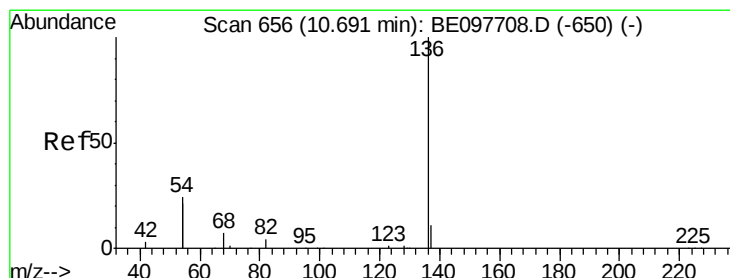
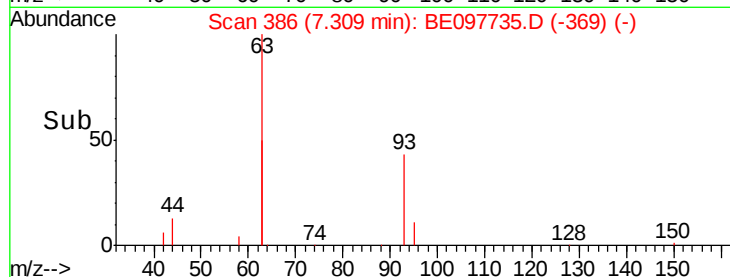
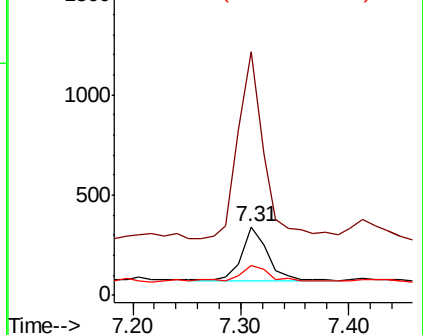
95 36.4 26.2 39.2



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: BE097735.D

Acq: 4 Oct 2018 21:05

Tgt Ion: 136 Resp: 13414

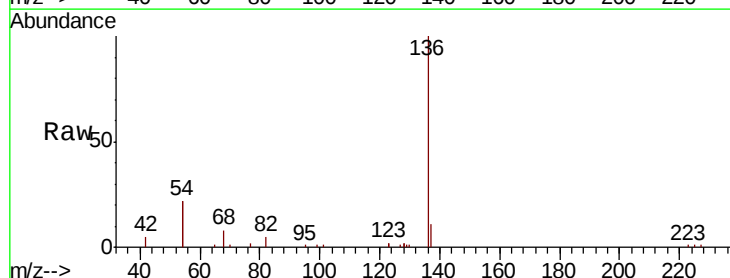
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 44.3 37.8 56.6

68 7.6 6.4 9.6

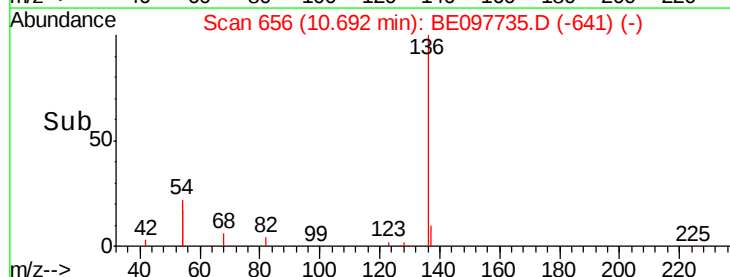
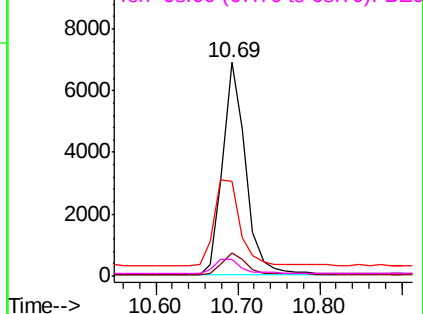


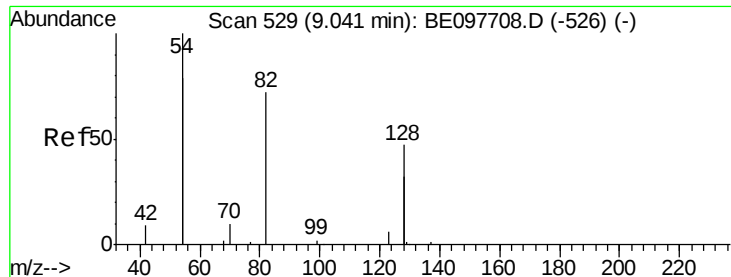
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.630 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097735.D

Acq: 4 Oct 2018 21:05

Instrument :

BNA_E

ClientSampleId :

RE-105D1-20180927

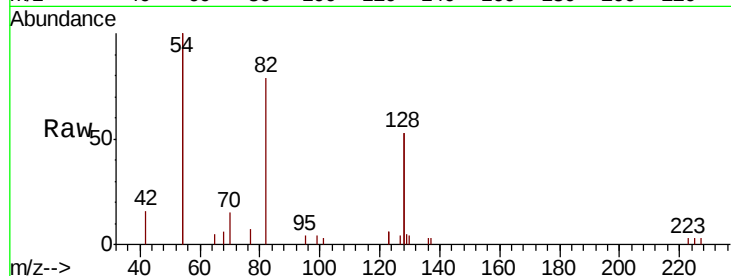
Tgt Ion: 82 Resp: 2743

Ion Ratio Lower Upper

82 100

128 134.0 97.0 145.4

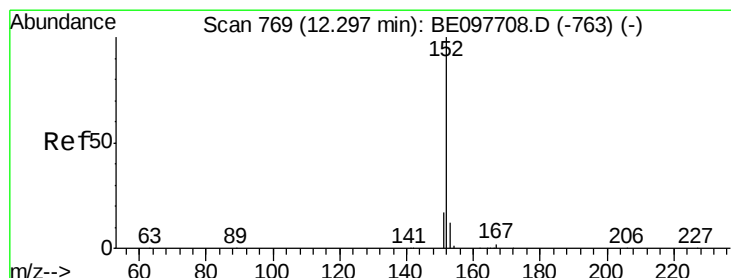
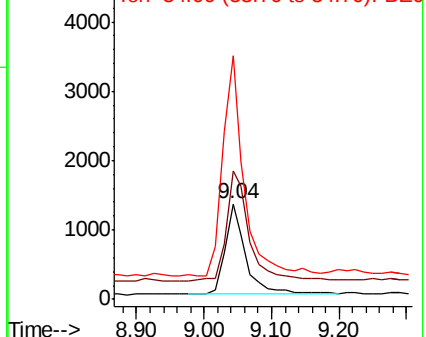
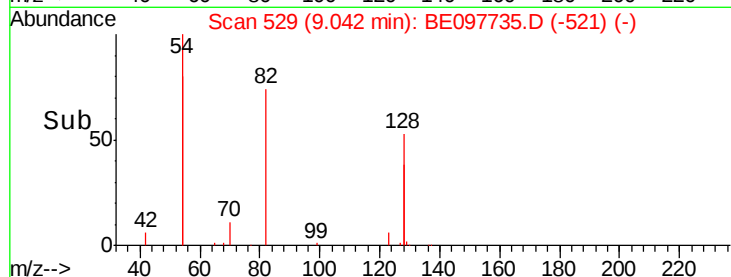
54 254.5 206.9 310.3



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: 0.346 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097735.D

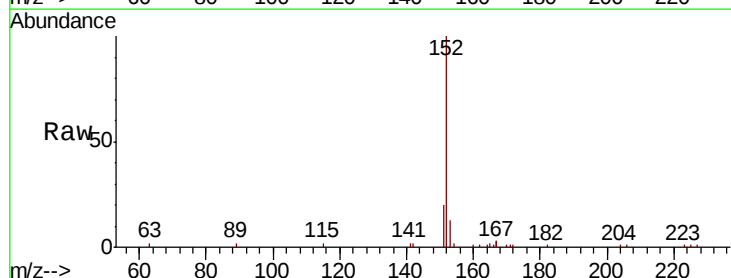
Acq: 4 Oct 2018 21:05

Tgt Ion: 152 Resp: 7383

Ion Ratio Lower Upper

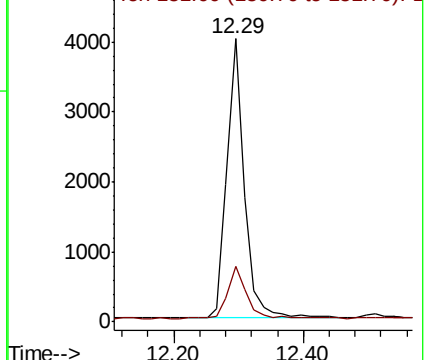
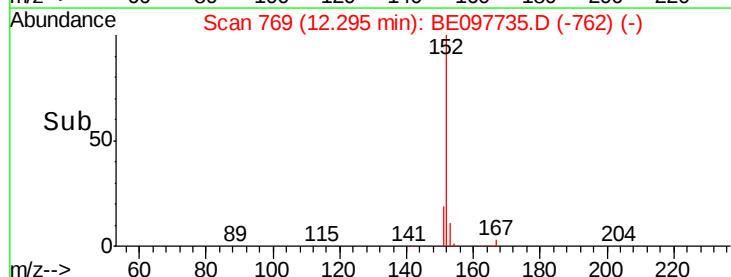
152 100

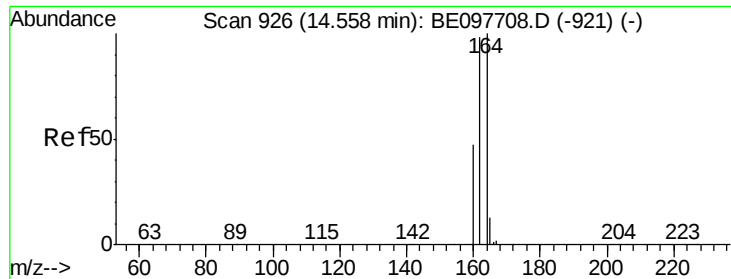
151 19.3 15.4 23.2



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: BE097735.D

Acq: 4 Oct 2018 21:05

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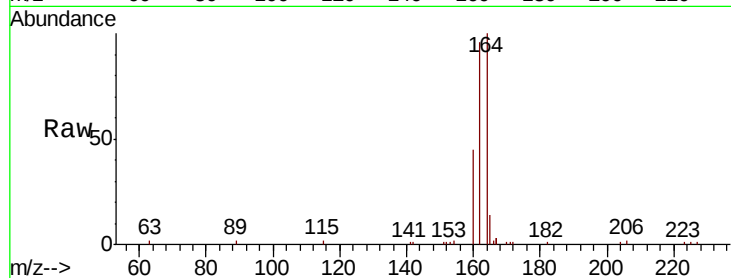
Tgt Ion:164 Resp: 7265

Ion Ratio Lower Upper

164 100

162 96.2 78.6 117.8

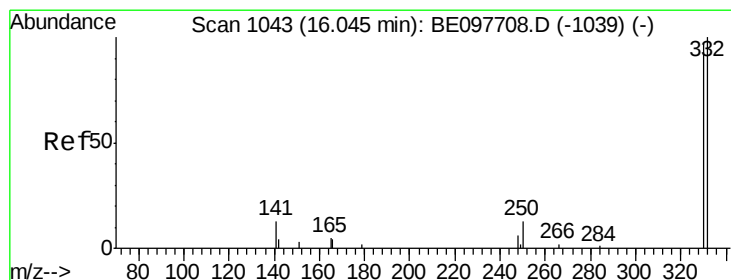
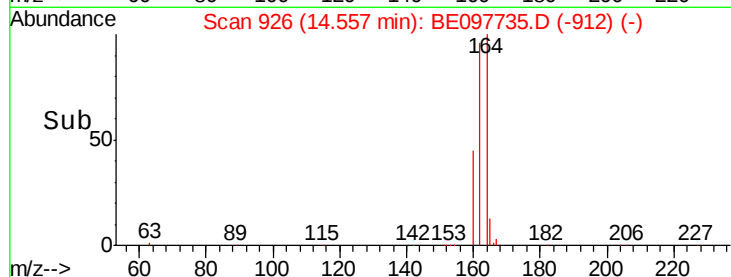
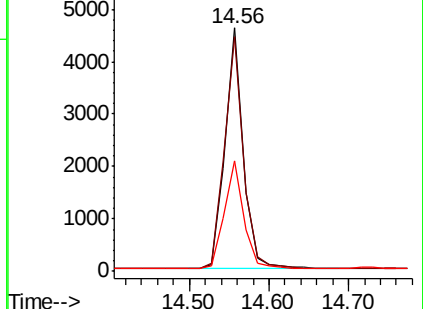
160 45.4 37.8 56.6



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: 0.476 ng

RT: 16.04 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BE097735.D

Acq: 4 Oct 2018 21:05

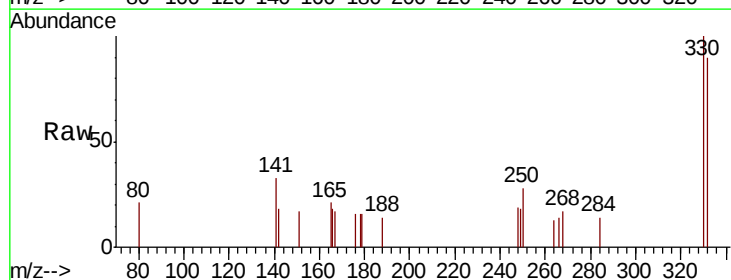
Tgt Ion:330 Resp: 627

Ion Ratio Lower Upper

330 100

332 87.1 83.5 125.3

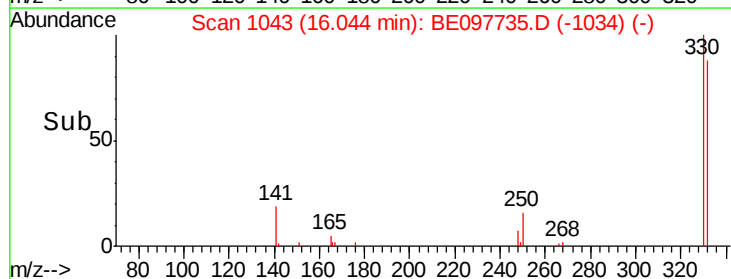
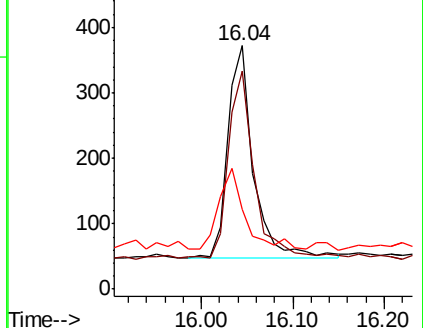
141 38.9 34.9 52.3

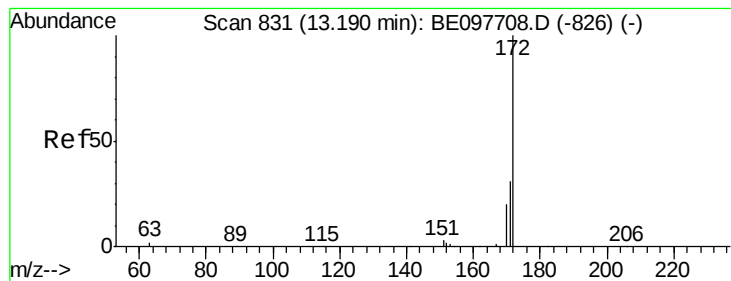


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.756 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.02 min

Lab File: BE097735.D

Acq: 4 Oct 2018 21:05

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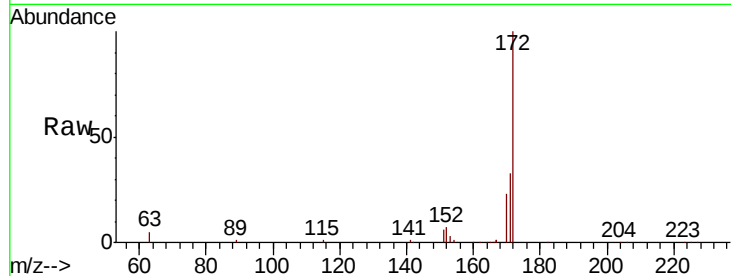
Tgt Ion:172 Resp: 24172

Ion Ratio Lower Upper

172 100

171 33.1 25.2 37.8

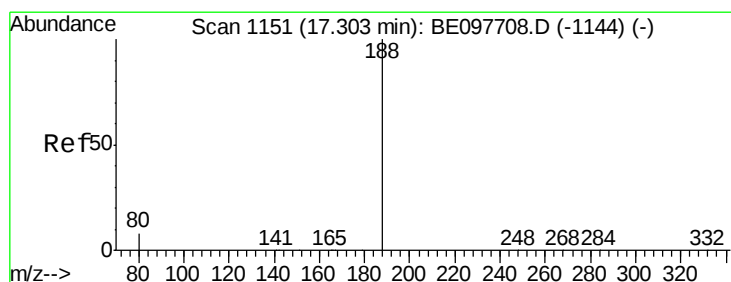
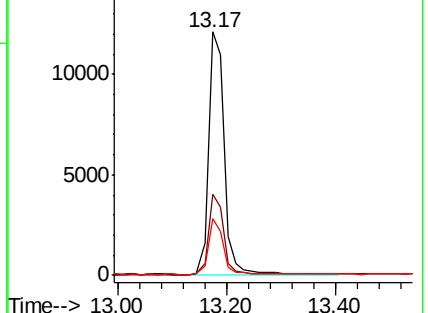
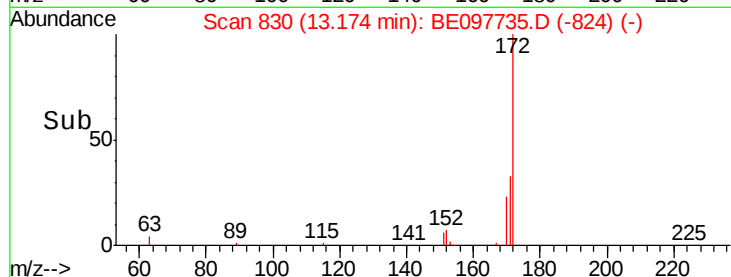
170 23.1 16.2 24.2



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: BE097735.D

Acq: 4 Oct 2018 21:05

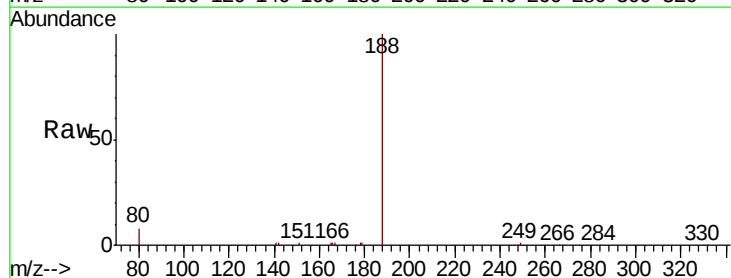
Tgt Ion:188 Resp: 20143

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

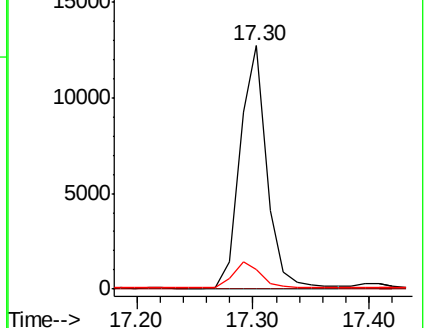
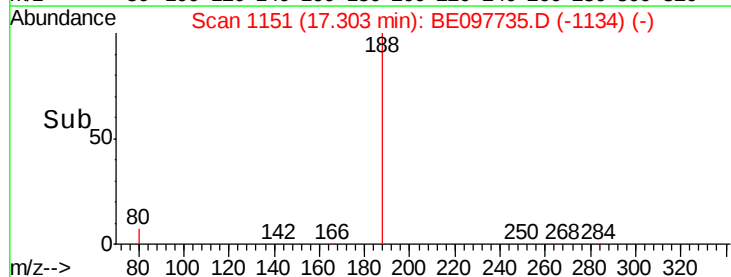
80 7.8 6.6 9.8

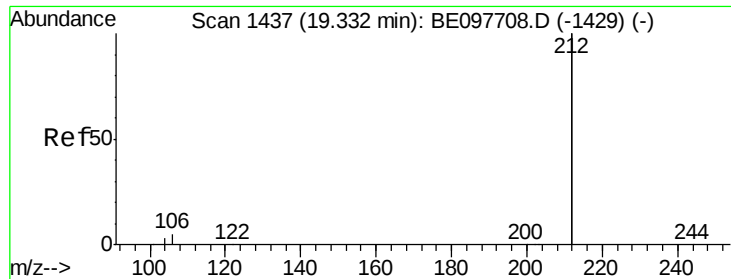


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.33 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE097735.D

Acq: 4 Oct 2018 21:05

Instrument :

BNA_E

ClientSampleId :

RE-105D1-20180927

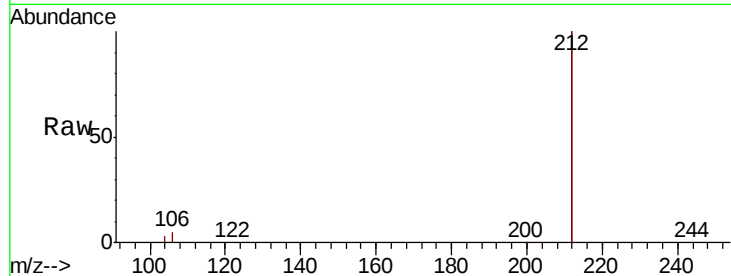
Tgt Ion:212 Resp: 104352

Ion Ratio Lower Upper

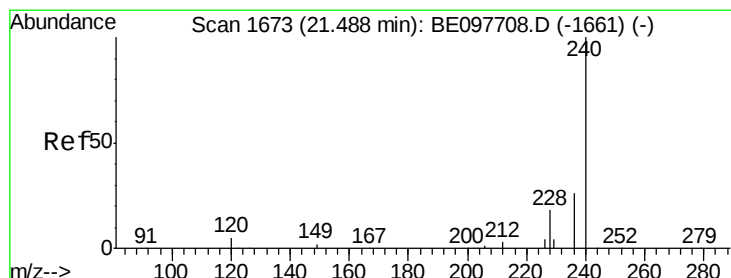
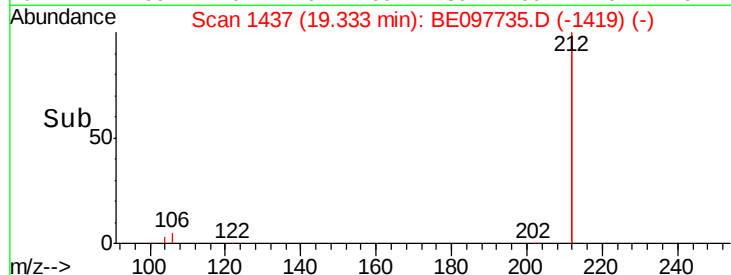
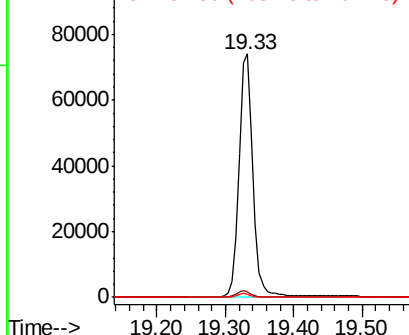
212 100

106 2.8 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: BE097735.D

Acq: 4 Oct 2018 21:05

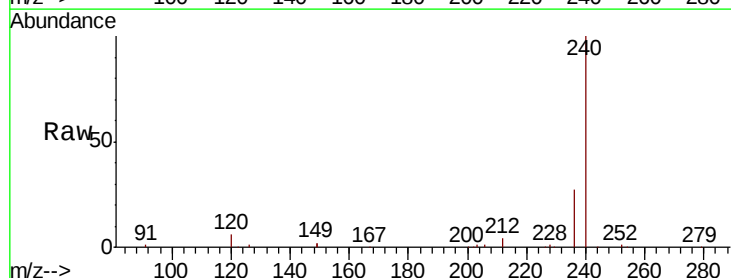
Tgt Ion:240 Resp: 28711

Ion Ratio Lower Upper

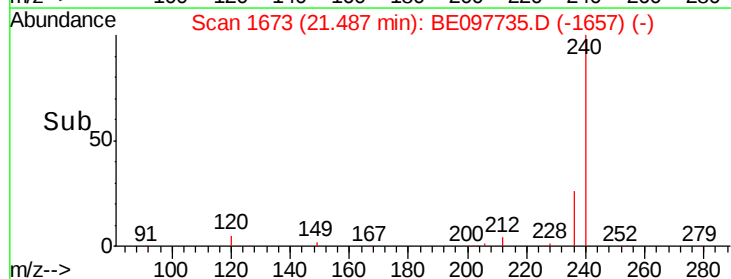
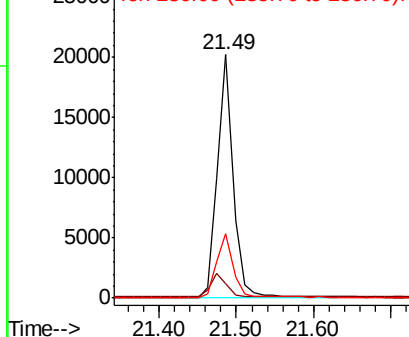
240 100

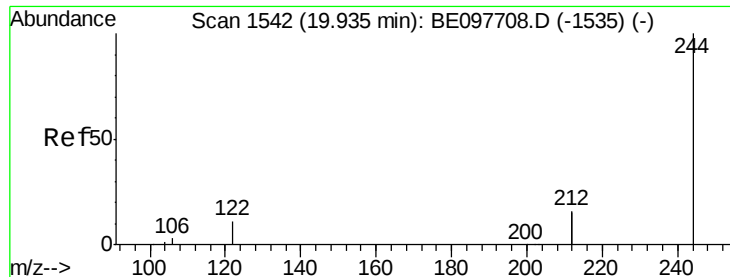
120 5.9 4.7 7.1

236 26.7 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: 0.377 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BE097735.D

Acq: 4 Oct 2018 21:05

Instrument :

BNA_E

ClientSampleId :

RE-105D1-20180927

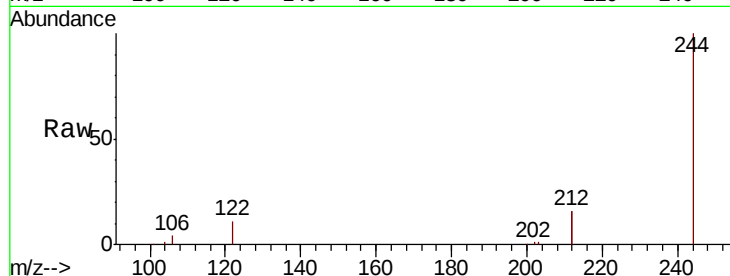
Tgt Ion:244 Resp: 22085

Ion Ratio Lower Upper

244 100

212 32.5 25.8 38.8

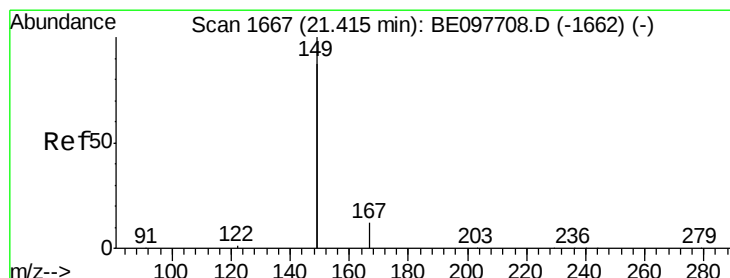
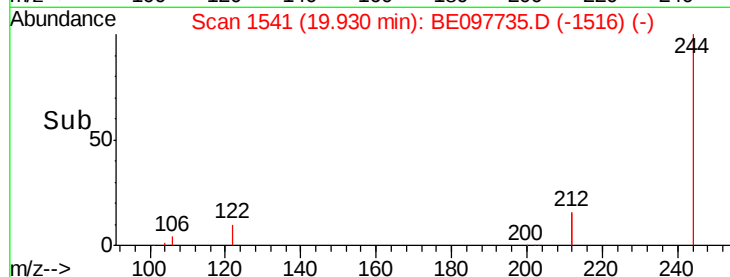
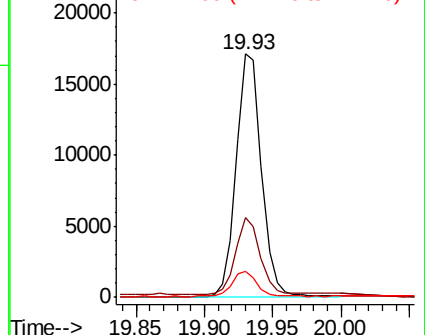
122 10.7 8.7 13.1



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: 0.078 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097735.D

Acq: 4 Oct 2018 21:05

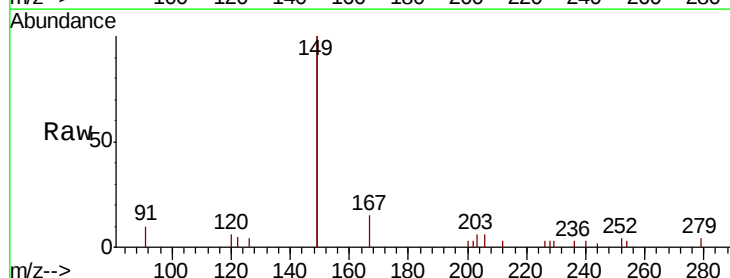
Tgt Ion:149 Resp: 4381

Ion Ratio Lower Upper

149 100

167 8.2 5.5 8.3

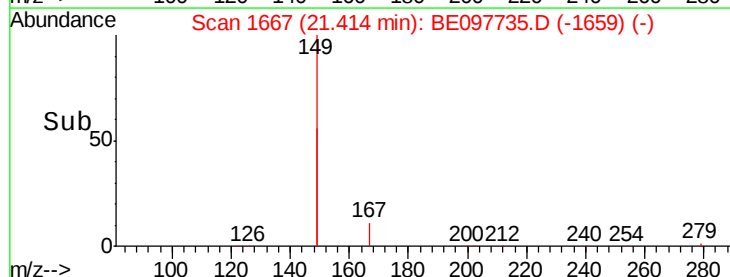
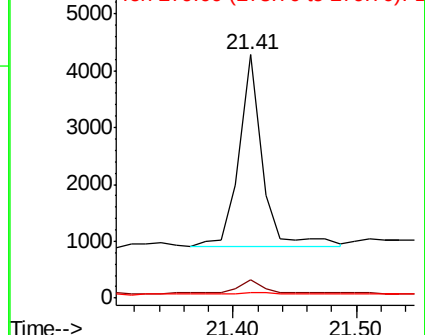
279 1.0 0.9 1.3

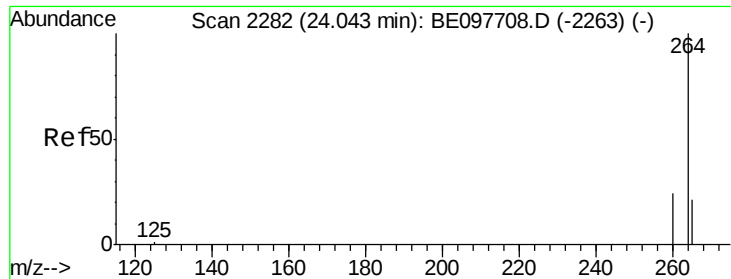


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2280

Delta R.T. -0.01 min

Lab File: BE097735.D

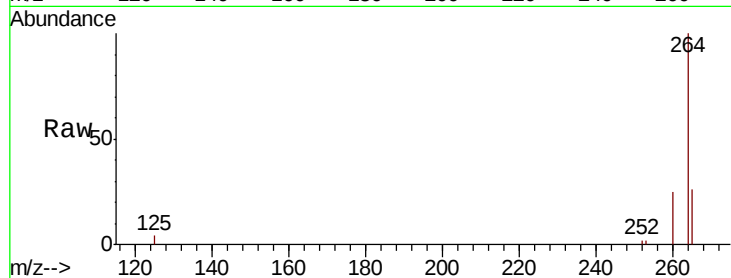
Acq: 4 Oct 2018 21:05

Instrument :

BNA_E

ClientSampleId :

RE-105D1-20180927



Tgt Ion: 264 Resp: 27795

Ion Ratio Lower Upper

264 100

260 24.8 19.1 28.7

265 25.9 21.9 32.9

