

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097771.D
 Acq On : 6 Oct 2018 1:46
 Operator : SJ/JU
 Sample : J5284-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181003

Quant Time: Oct 06 04:21:34 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

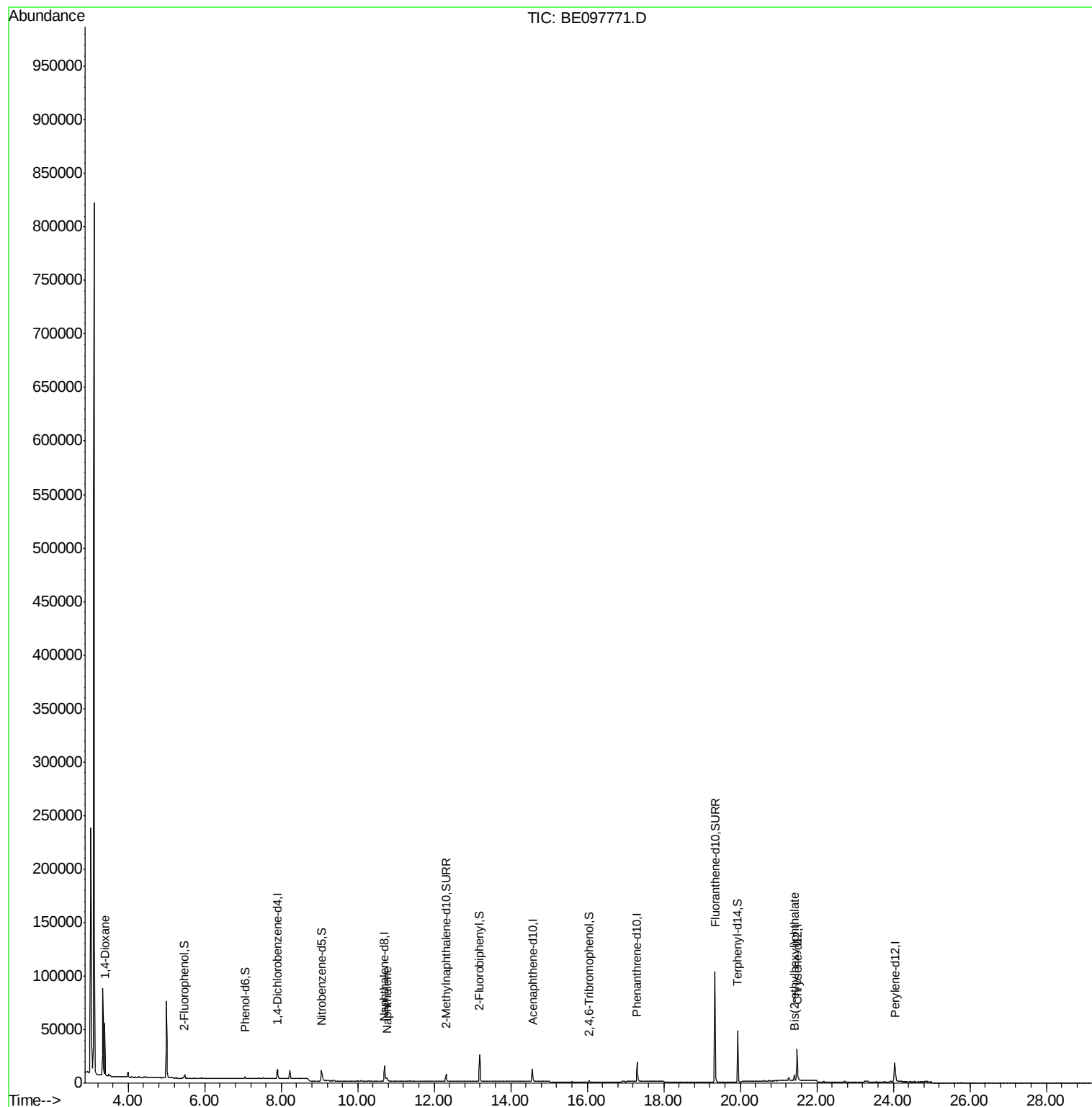
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	4026	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	16023	0.40	ng	0.01
13) Acenaphthene-d10	14.57	164	8805	0.40	ng	0.01
19) Phenanthrene-d10	17.30	188	25646	0.40	ng	0.00
27) Chrysene-d12	21.49	240	31878	0.40	ng	0.00
34) Perylene-d12	24.04	264	29114	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.48	112	1832	0.19	ng	0.00
5) Phenol-d6	7.05	99	1424	0.10	ng	0.00
8) Nitrobenzene-d5	9.06	82	4210	0.81	ng	0.01
11) 2-Methylnaphthalene-d10	12.31	152	10238	0.40	ng	0.01
14) 2,4,6-Tribromophenol	16.05	330	908	0.57	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	23989	0.62	ng	0.00
25) Fluoranthene-d10	19.34	212	143847	0.44	ng	0.00
29) Terphenyl-d14	19.93	244	41331	0.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	25997	3.241	ng	96
9) Naphthalene	10.76	128	4555	0.028	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.41	149	6259	0.100	ng	# 99

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

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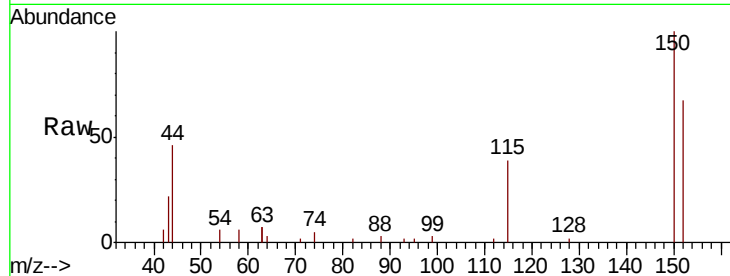


#1

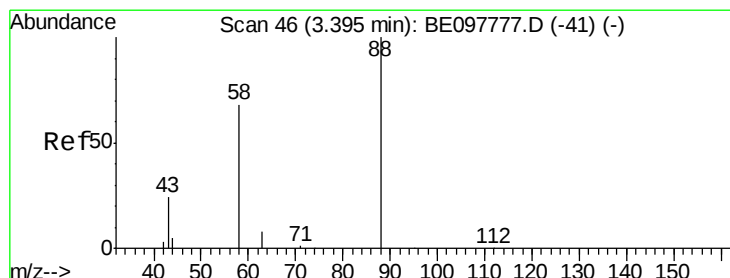
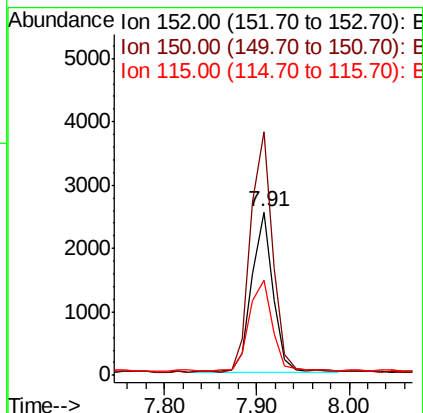
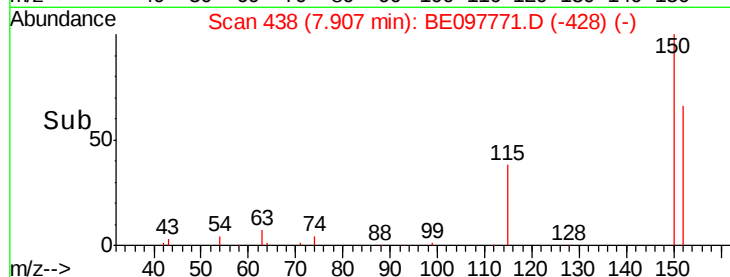
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 438
Delta R.T. 0.01 min
Lab File: BE097771.D
Acq: 6 Oct 2018 1:46

Instrument :
BNA_E
ClientSampleId :
RE-104D1-20181003

Tot Ion:152 Resp: 4026
Ion Ratio Lower Upper
152 100
150 149.3 120.9 181.3
115 58.7 46.6 69.8



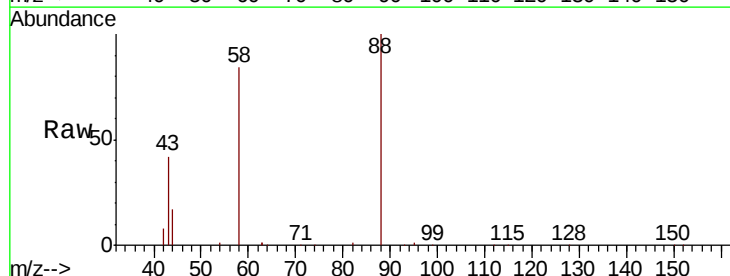
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



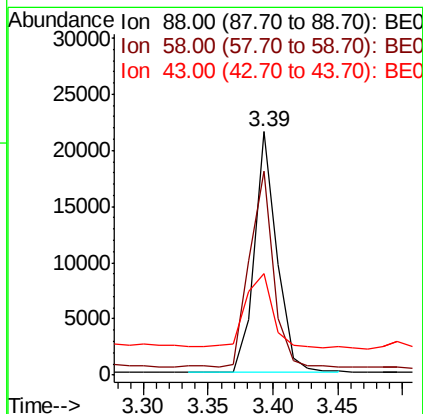
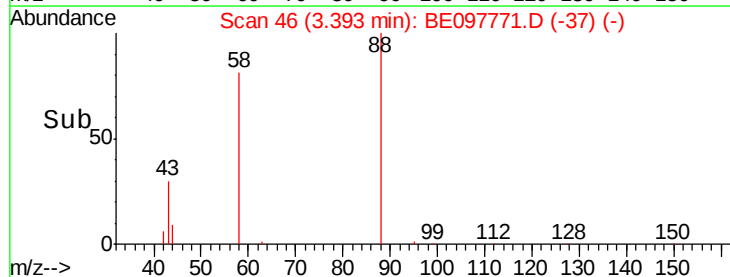
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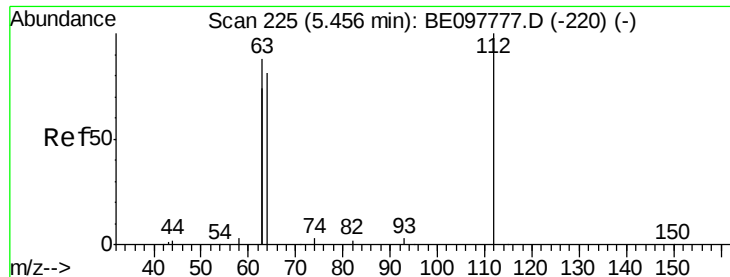
1,4-Dioxane
Concen: 3.241 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097771.D
Acq: 6 Oct 2018 1:46

Tgt Ion: 88 Resp: 25997
Ion Ratio Lower Upper
88 100
58 86.0 70.8 106.2
43 36.9 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: 0.192 ng

RT: 5.48 min Scan# 227

Delta R.T. 0.01 min

Lab File: BE097771.D

Acq: 6 Oct 2018 1:46

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181003

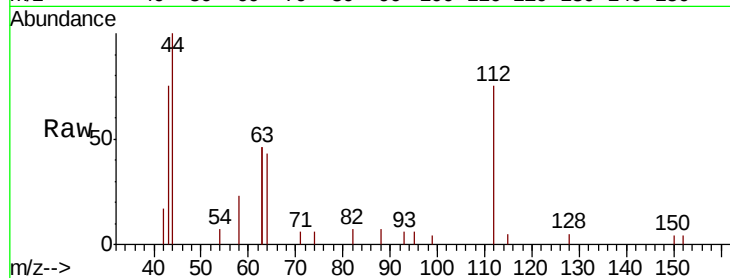
Tot Ion: 112 Resp: 1832

Ion Ratio Lower Upper

112 100

64 71.6 56.6 84.8

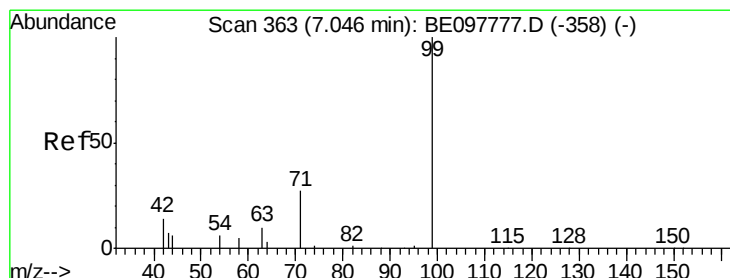
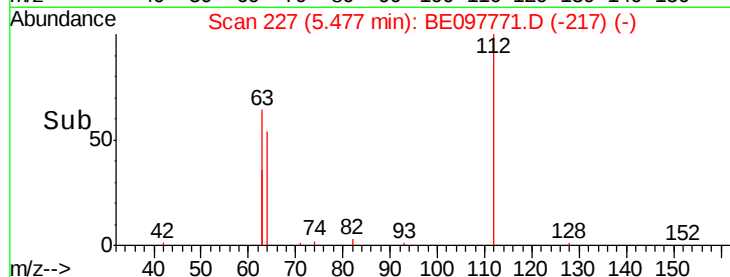
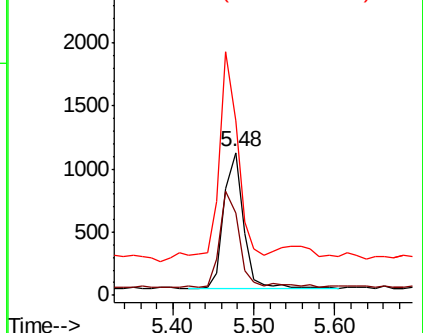
63 136.8 119.4 179.0



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: 0.098 ng

RT: 7.05 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE097771.D

Acq: 6 Oct 2018 1:46

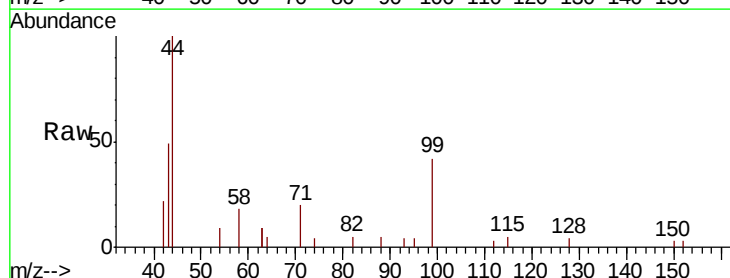
Tgt Ion: 99 Resp: 1424

Ion Ratio Lower Upper

99 100

42 24.7 19.9 29.9

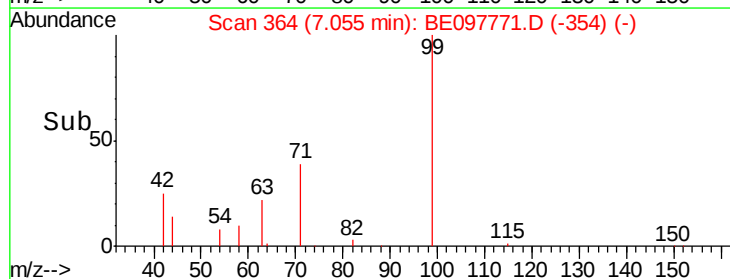
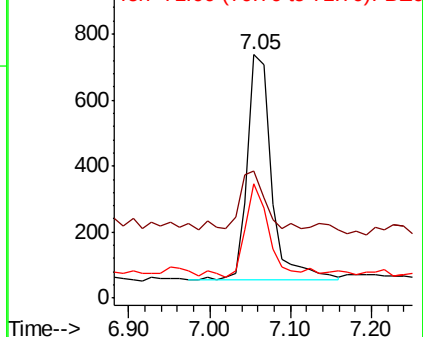
71 39.4 25.4 38.2#

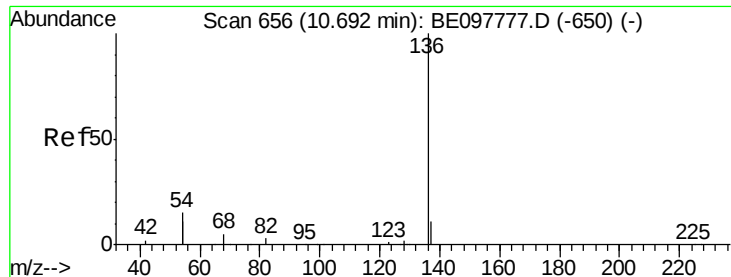


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.71 min Scan# 657

Delta R.T. 0.01 min

Lab File: BE097771.D

Acq: 6 Oct 2018 1:46

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181003

Tot Ion:136 Resp: 16023

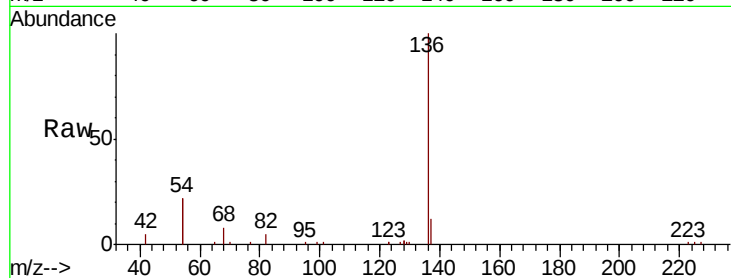
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.4

54 44.9 37.8 56.6

68 8.1 6.4 9.6

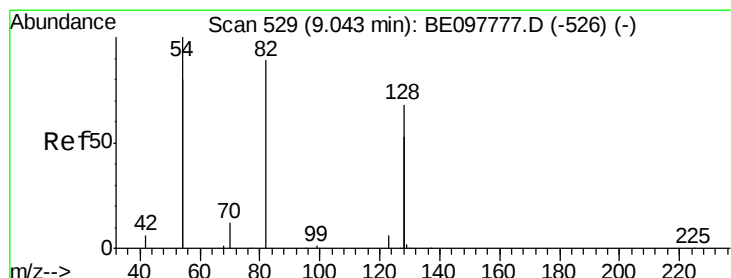
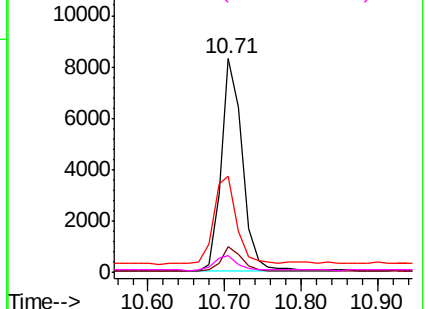
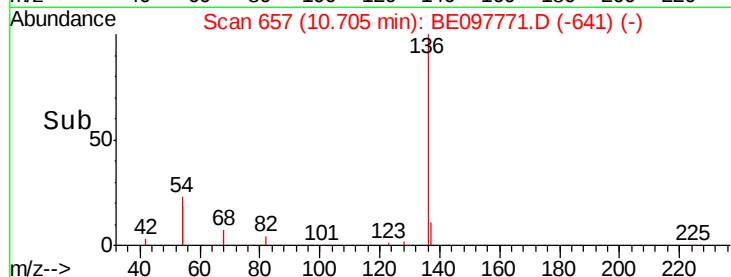


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.809 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097771.D

Acq: 6 Oct 2018 1:46

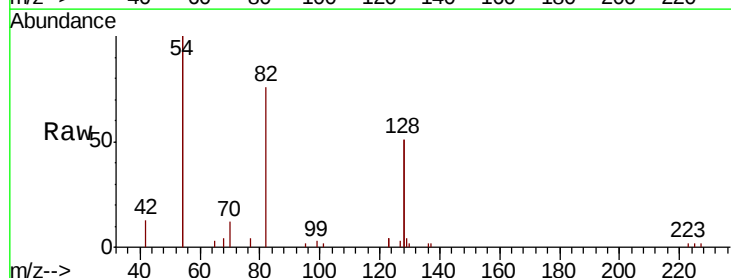
Tgt Ion: 82 Resp: 4210

Ion Ratio Lower Upper

82 100

128 132.9 97.0 145.4

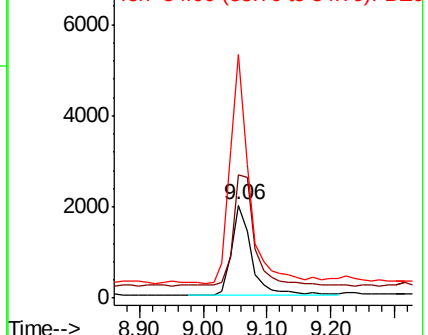
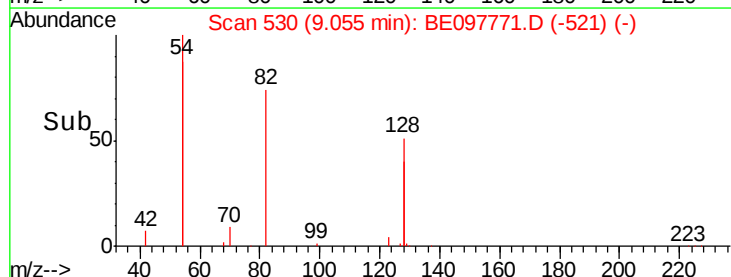
54 262.7 206.9 310.3

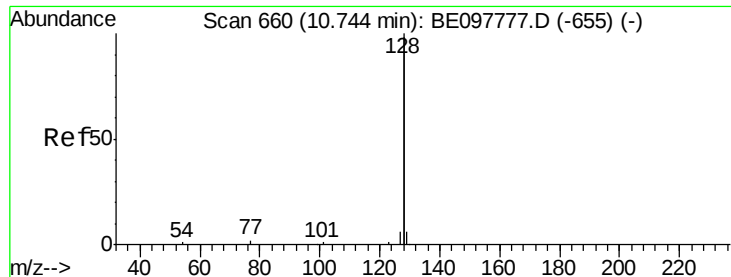


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

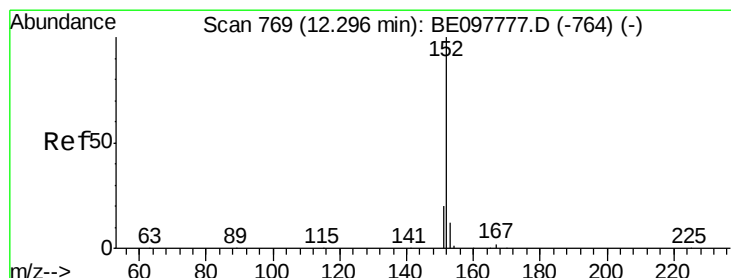
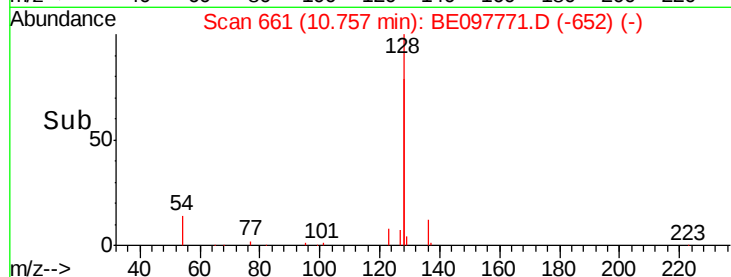
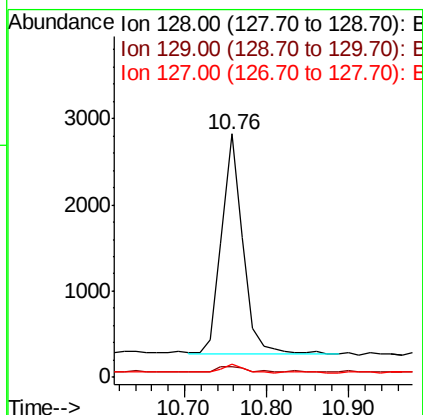
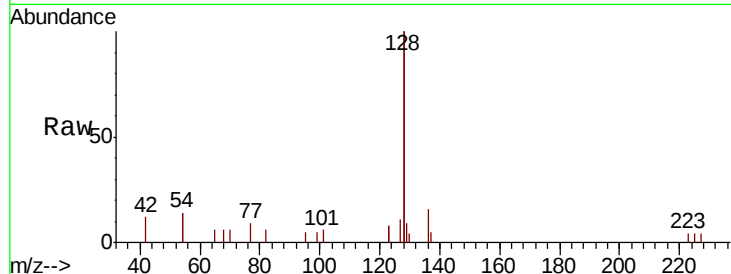




#9
Naphthalene
Concen: 0.028 ng
RT: 10.76 min Scan# 661
Delta R.T. 0.01 min
Lab File: BE097771.D
Acq: 6 Oct 2018 1:46

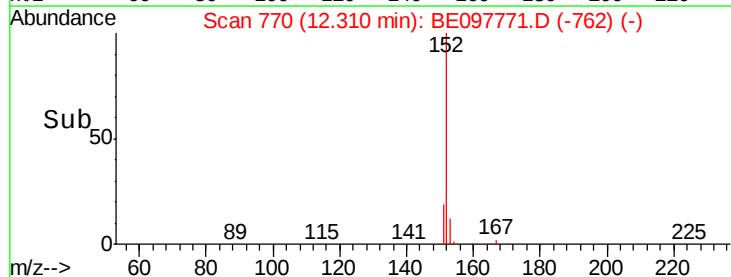
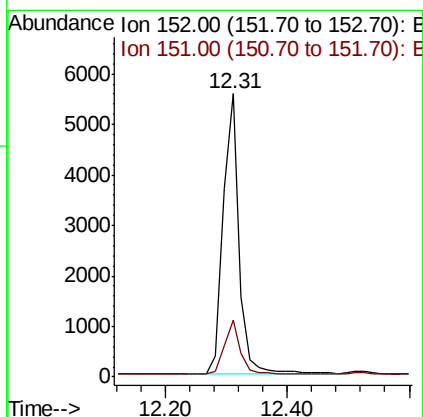
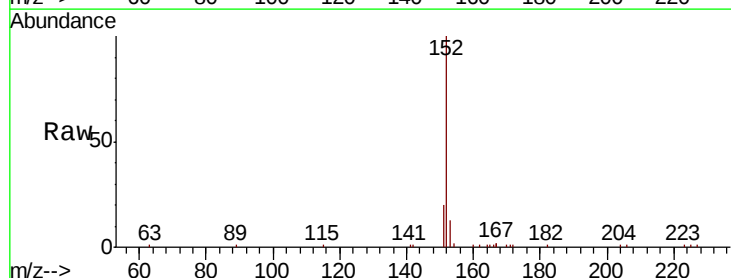
Instrument :
BNA_E
ClientSampleId :
RE-104D1-20181003

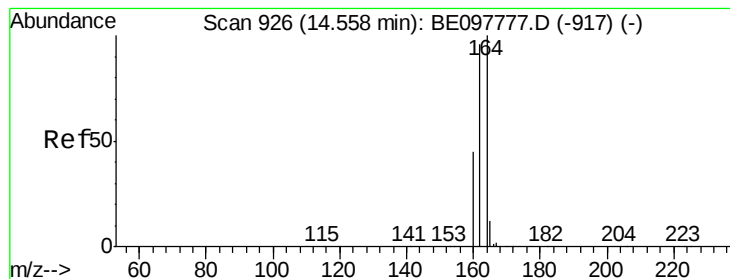
Tot Ion:128 Resp: 4555
Ion Ratio Lower Upper
128 100
129 4.5 2.2 3.2#
127 5.5 2.7 4.1#



#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE097771.D
Acq: 6 Oct 2018 1:46

Tgt Ion:152 Resp: 10238
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.57 min Scan# 927

Delta R.T. 0.01 min

Lab File: BE097771.D

Acq: 6 Oct 2018 1:46

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181003

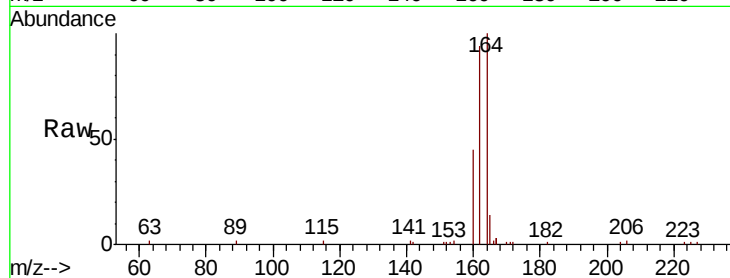
Tot Ion:164 Resp: 8805

Ion Ratio Lower Upper

164 100

162 93.6 78.6 117.8

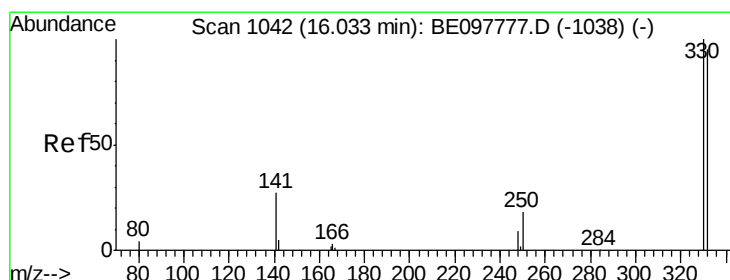
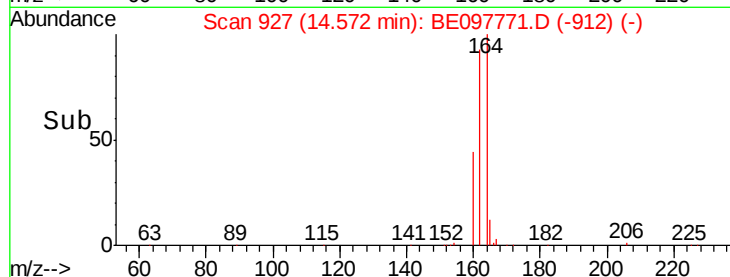
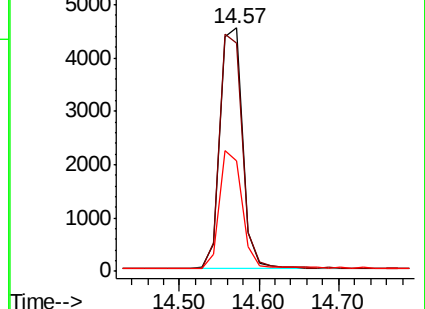
160 45.2 37.8 56.6



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: 0.569 ng

RT: 16.05 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BE097771.D

Acq: 6 Oct 2018 1:46

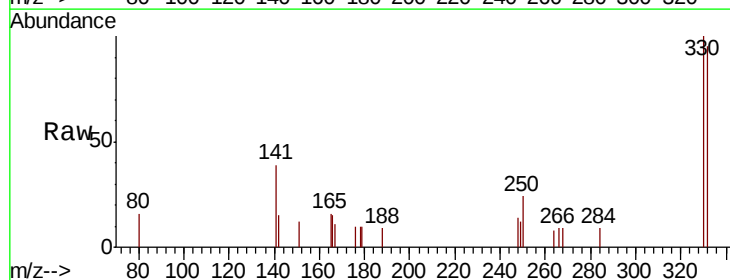
Tgt Ion:330 Resp: 908

Ion Ratio Lower Upper

330 100

332 102.6 83.5 125.3

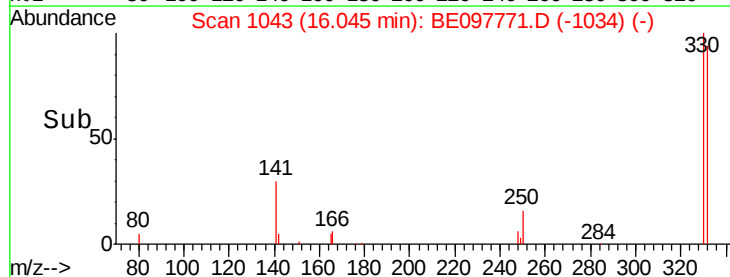
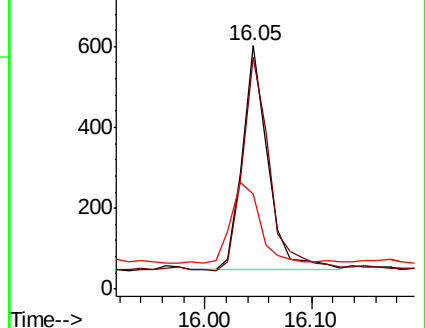
141 42.2 34.9 52.3

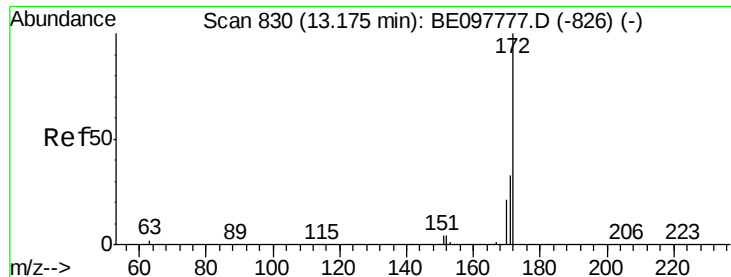


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

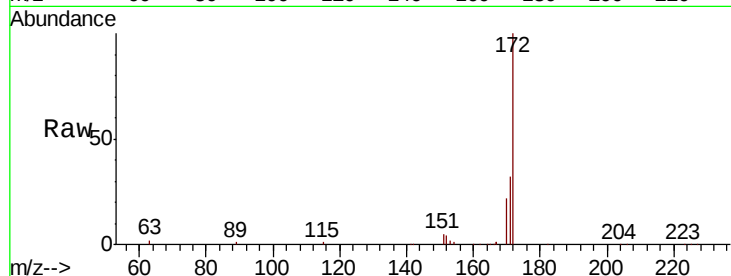




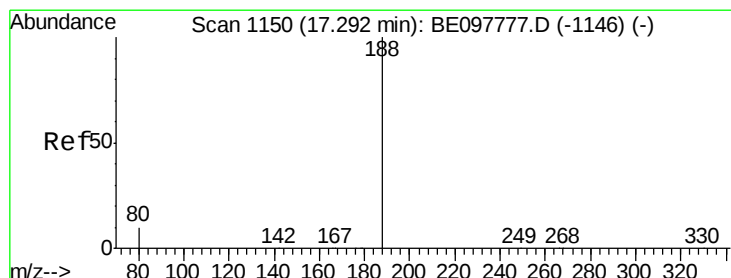
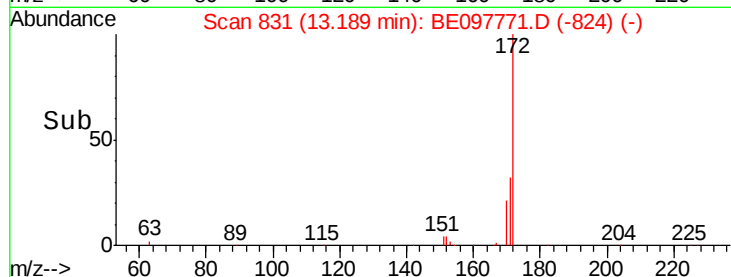
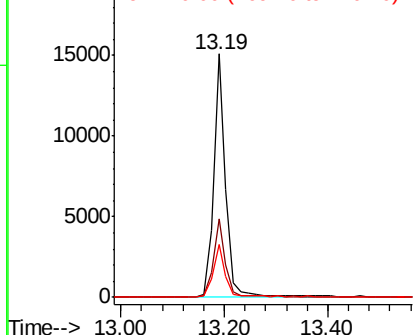
#15
2-Fluorobiphenyl
Concen: 0.619 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097771.D
Acq: 6 Oct 2018 1:46

Instrument :
BNA_E
ClientSampleId :
RE-104D1-20181003

Tot Ion:172 Resp: 23989
Ion Ratio Lower Upper
172 100
171 32.3 25.2 37.8
170 21.6 16.2 24.2

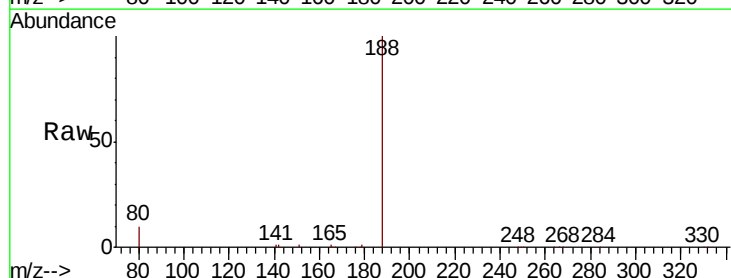


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

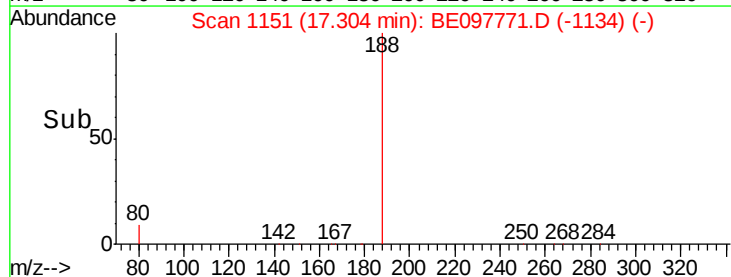
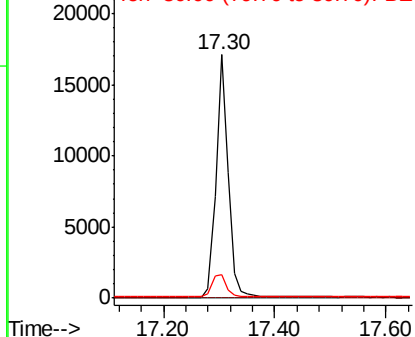


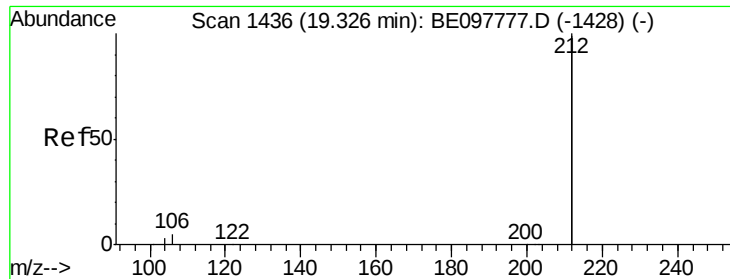
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097771.D
Acq: 6 Oct 2018 1:46

Tgt Ion:188 Resp: 25646
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 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: 0.443 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE097771.D

Acq: 6 Oct 2018 1:46

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181003

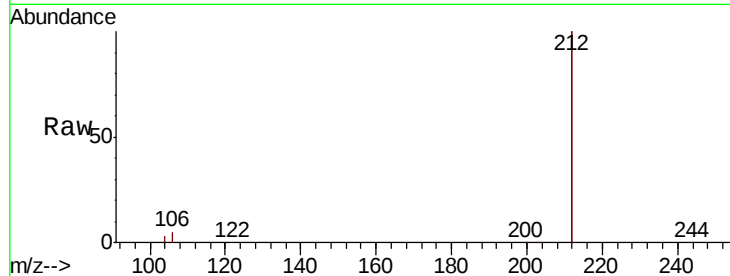
Tot Ion:212 Resp: 143847

Ion Ratio Lower Upper

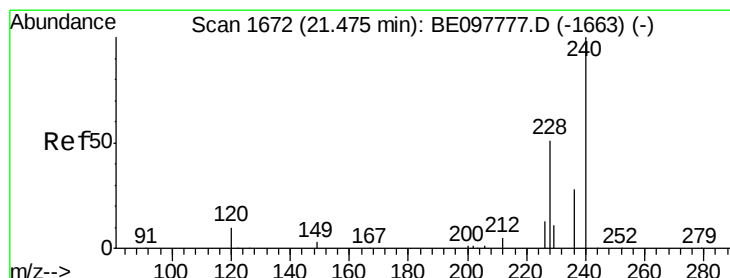
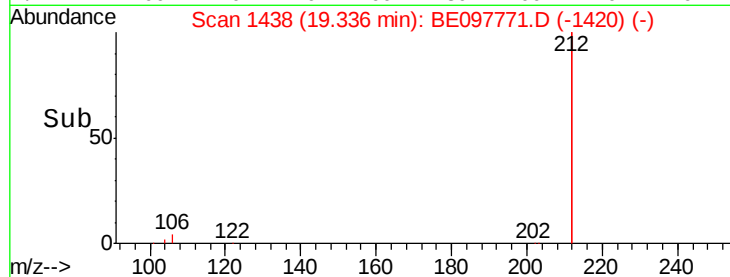
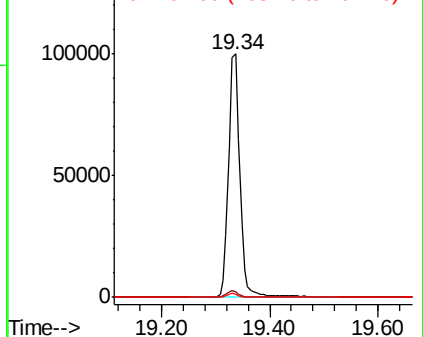
212 100

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: BE097771.D

Acq: 6 Oct 2018 1:46

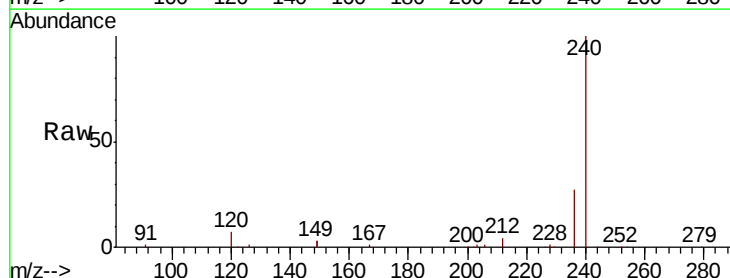
Tgt Ion:240 Resp: 31878

Ion Ratio Lower Upper

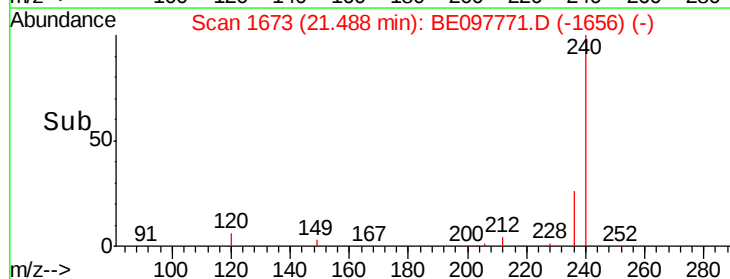
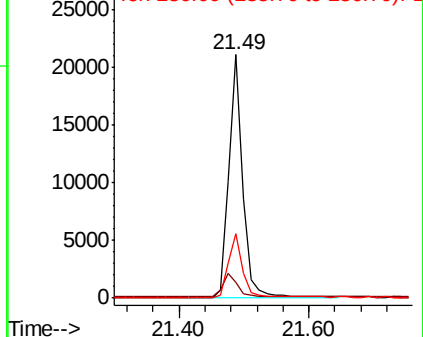
240 100

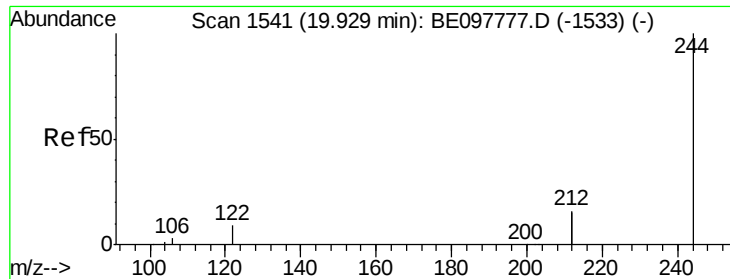
120 6.5 4.7 7.1

236 26.5 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: 0.635 ng

RT: 19.93 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE097771.D

Acq: 6 Oct 2018 1:46

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181003

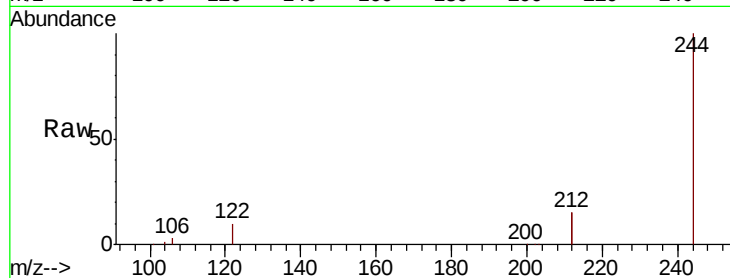
Tot Ion:244 Resp: 41331

Ion Ratio Lower Upper

244 100

212 30.6 25.8 38.8

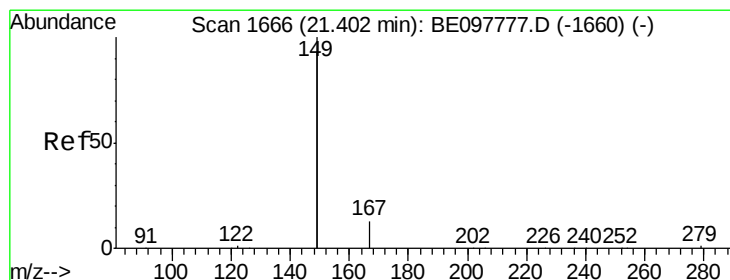
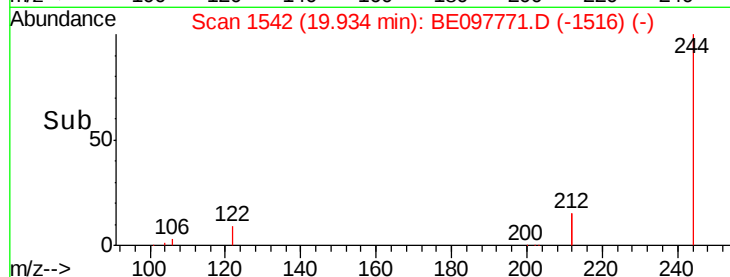
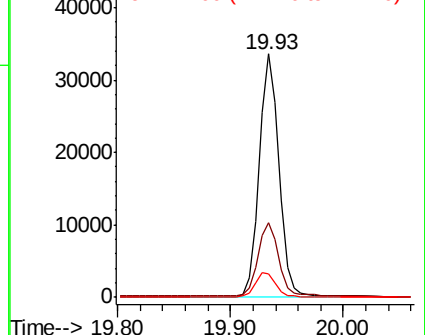
122 9.5 8.7 13.1



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: 0.100 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097771.D

Acq: 6 Oct 2018 1:46

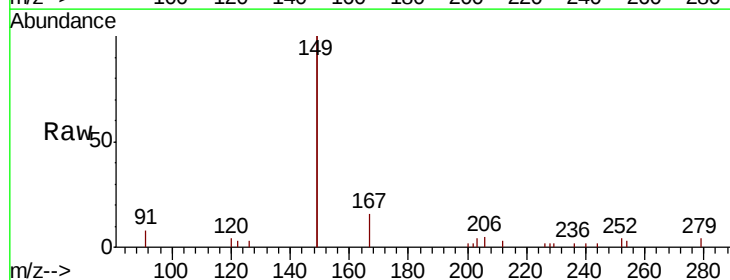
Tgt Ion:149 Resp: 6259

Ion Ratio Lower Upper

149 100

167 7.2 5.5 8.3

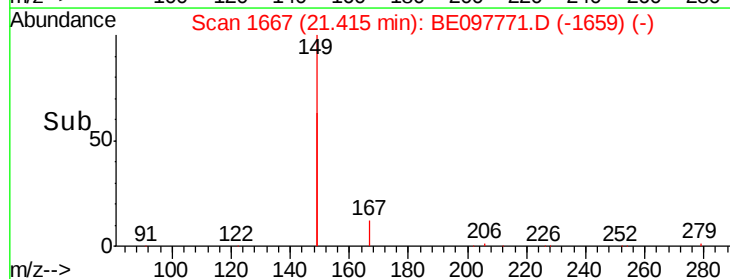
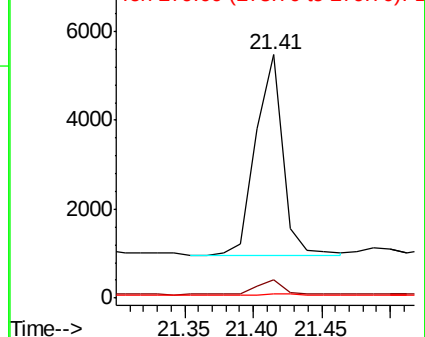
279 1.7 0.9 1.3#

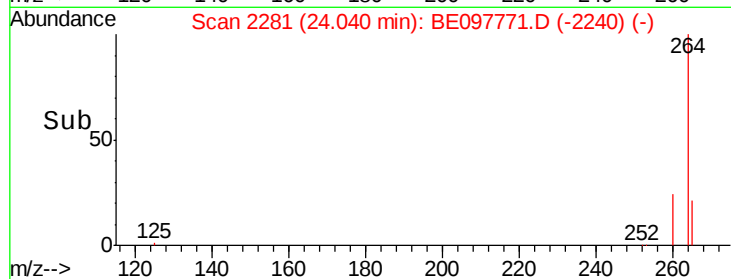
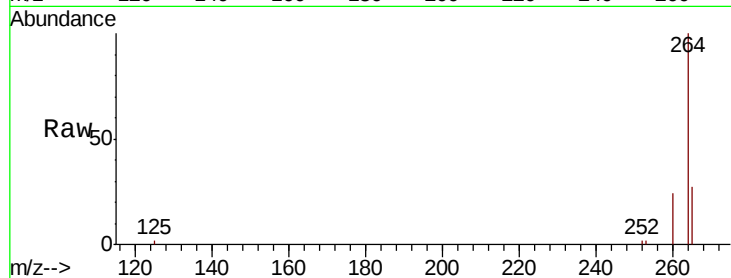
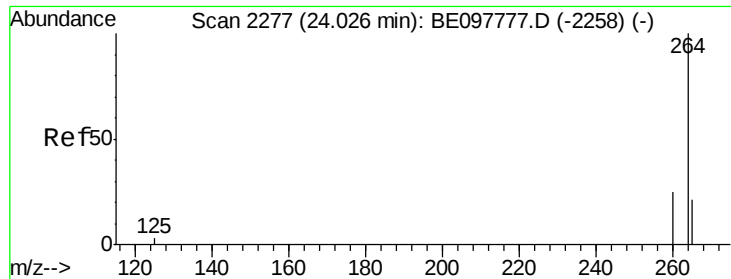


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.04 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE097777.D

Acq: 6 Oct 2018 1:46

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181003

Tot Ion: 264 Resp: 29114

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 26.6 21.9 32.9

