

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097760.D
 Acq On : 5 Oct 2018 18:15
 Operator : SJ/JU
 Sample : J5189-05DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20180927DL

Quant Time: Oct 06 04:19:33 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

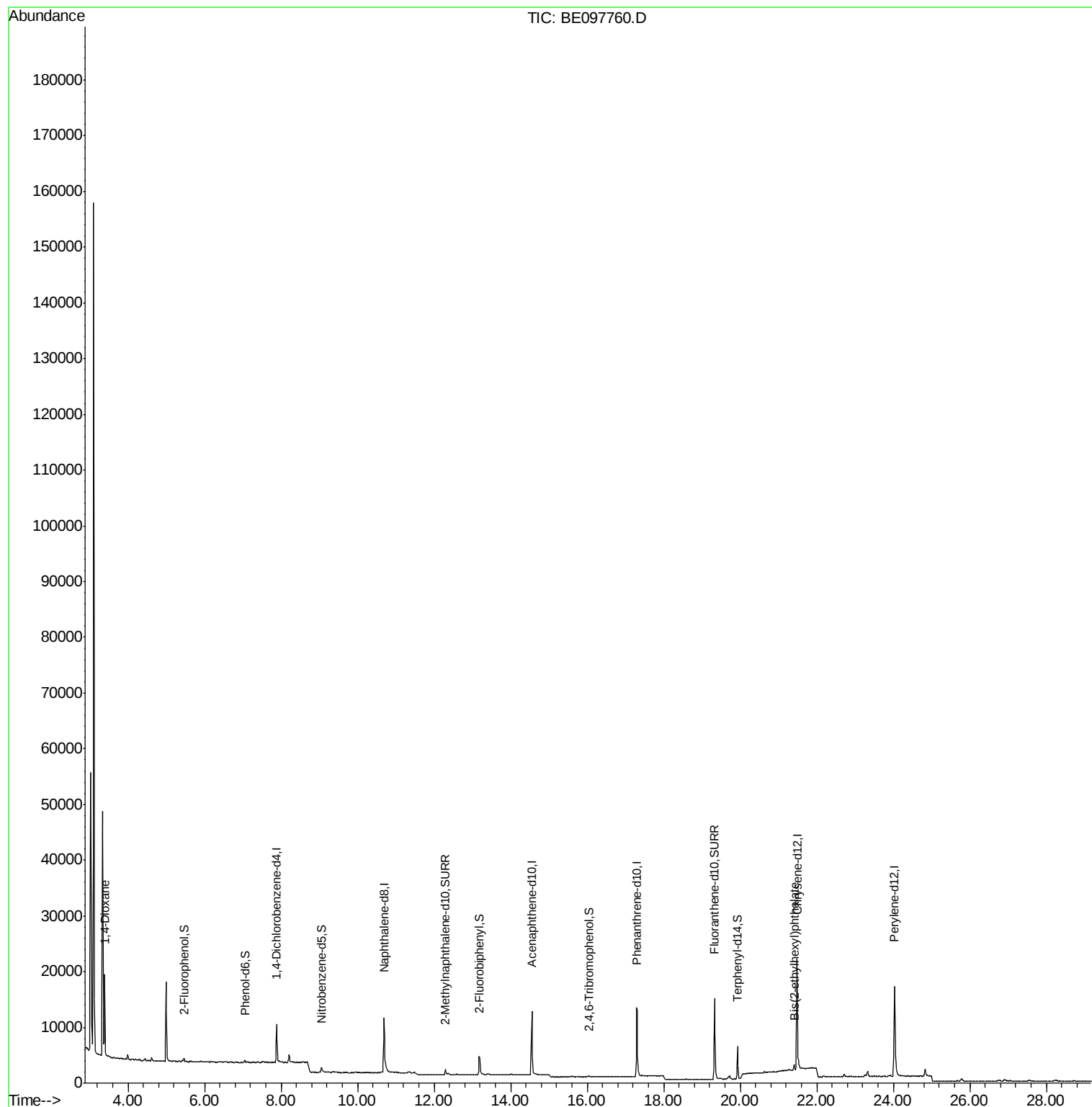
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3173	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	13025	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7540	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	21846	0.40	ng	0.00
27) Chrysene-d12	21.49	240	24556	0.40	ng	0.00
34) Perylene-d12	24.03	264	25481	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	342	0.05	ng	0.00
5) Phenol-d6	7.05	99	361	0.03	ng	0.00
8) Nitrobenzene-d5	9.05	82	603	0.14	ng	0.01
11) 2-Methylnaphthalene-d10	12.29	152	1724	0.08	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	143	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	4747	0.14	ng	0.00
25) Fluoranthene-d10	19.33	212	22119	0.08	ng	0.00
29) Terphenyl-d14	19.93	244	5417	0.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.40	88	9020	1.427	ng	98
32) Bis(2-ethylhexyl)phthalate	21.41	149	1370	0.028	ng	# 98

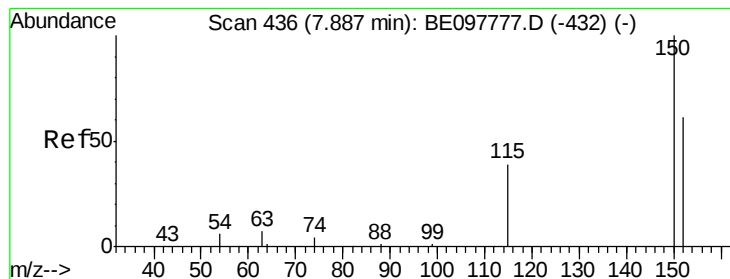
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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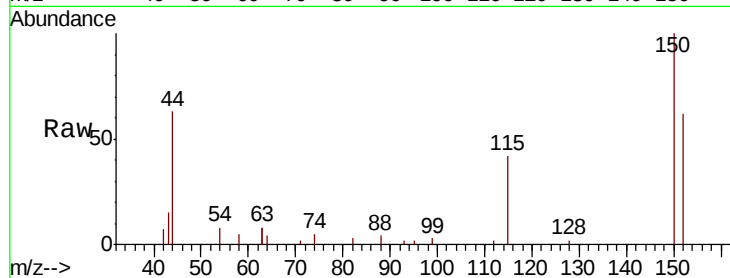


#1

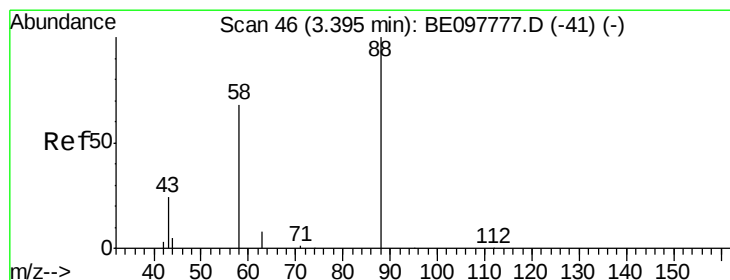
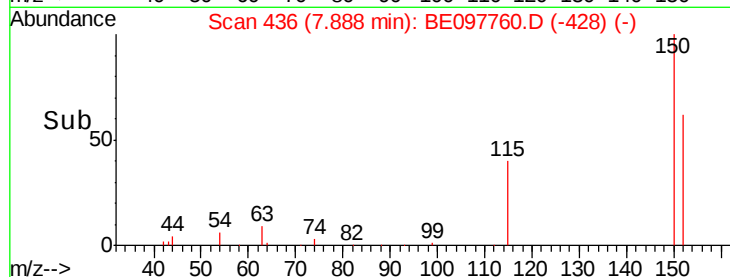
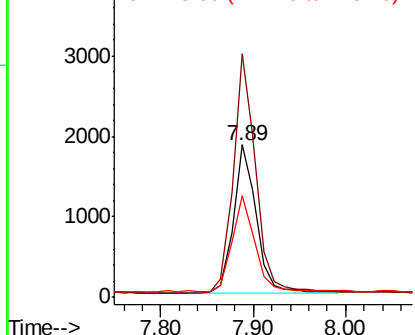
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097760.D
Acq: 5 Oct 2018 18:15

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927DL

Tot Ion:152 Resp: 3173
Ion Ratio Lower Upper
152 100
150 160.1 120.9 181.3
115 66.6 46.6 69.8



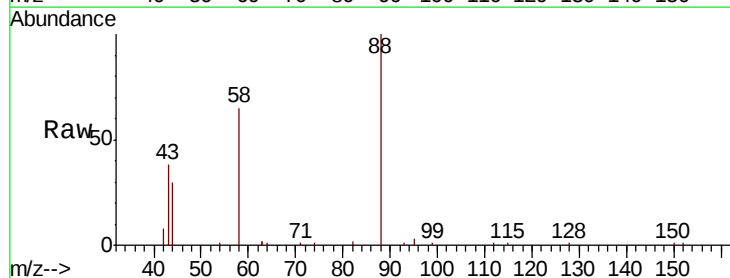
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



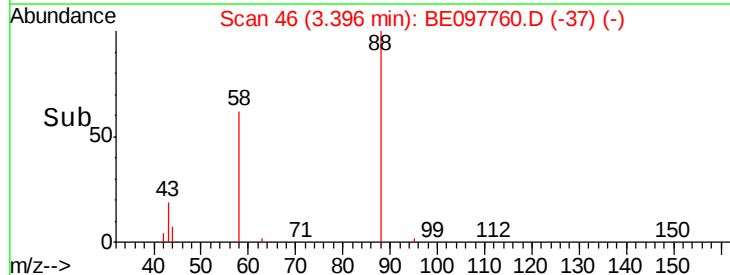
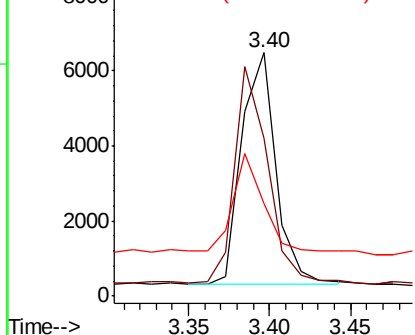
#2

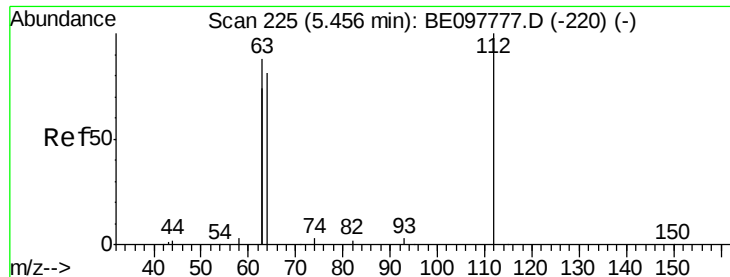
1,4-Dioxane
Concen: 1.427 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097760.D
Acq: 5 Oct 2018 18:15

Tgt Ion: 88 Resp: 9020
Ion Ratio Lower Upper
88 100
58 89.1 70.8 106.2
43 38.8 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: 0.046 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097760.D

Acq: 5 Oct 2018 18:15

Instrument :

BNA_E

ClientSampleId :

RE-131D1-20180927DL

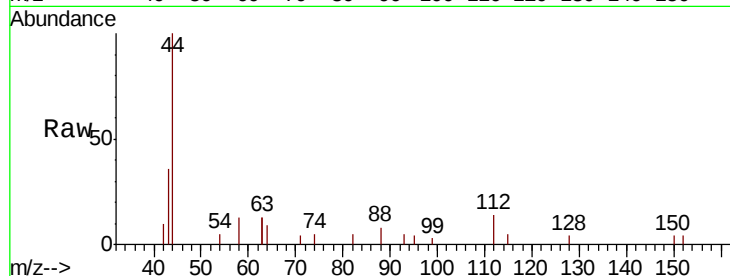
Tot Ion: 112 Resp: 342

Ion Ratio Lower Upper

112 100

64 79.8 56.6 84.8

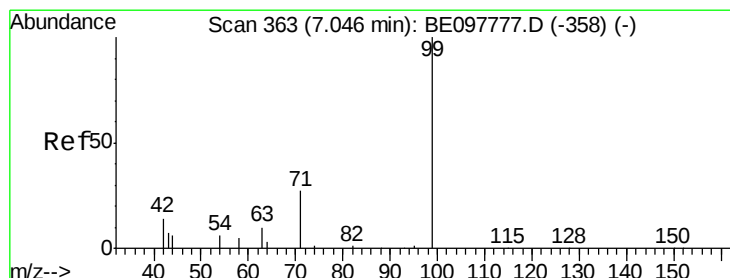
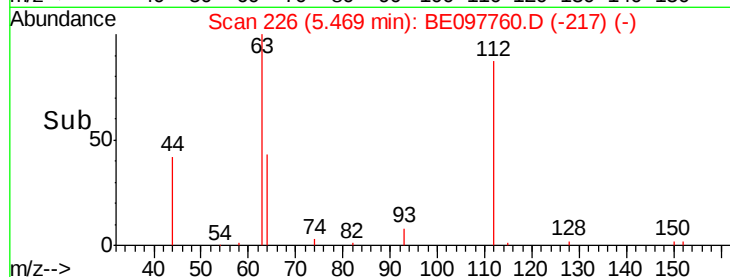
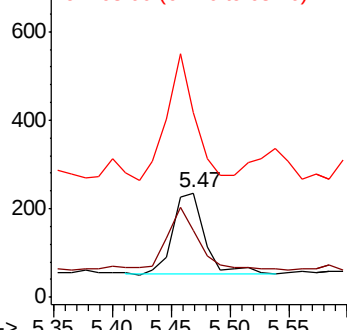
63 137.7 119.4 179.0



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: 0.031 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097760.D

Acq: 5 Oct 2018 18:15

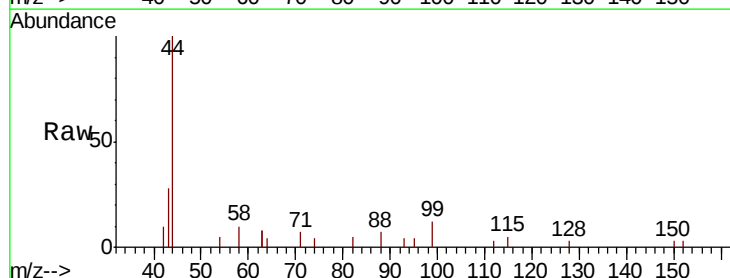
Tgt Ion: 99 Resp: 361

Ion Ratio Lower Upper

99 100

42 30.7 19.9 29.9#

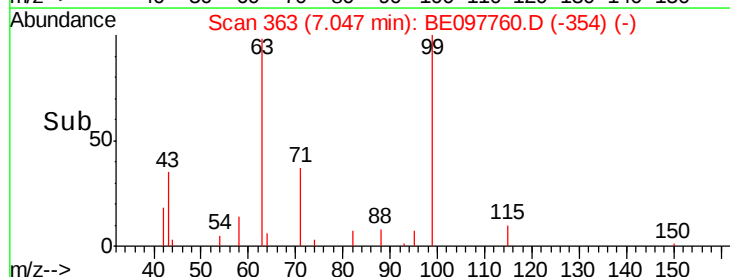
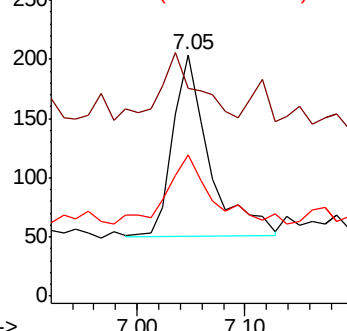
71 46.8 25.4 38.2#

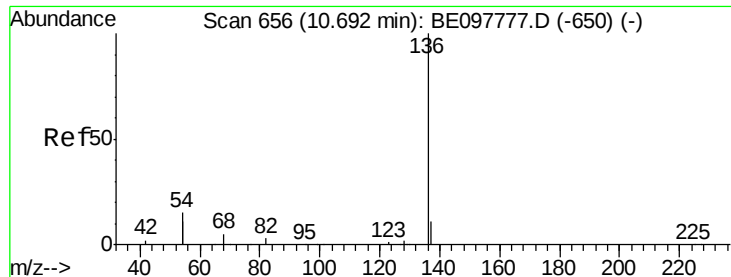


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097760.D

Acq: 5 Oct 2018 18:15

Instrument :

BNA_E

ClientSampleId :

RE-131D1-20180927DL

Tot Ion:136 Resp: 13025

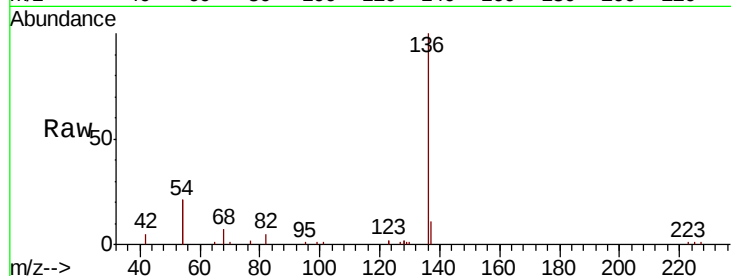
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 42.8 37.8 56.6

68 7.4 6.4 9.6

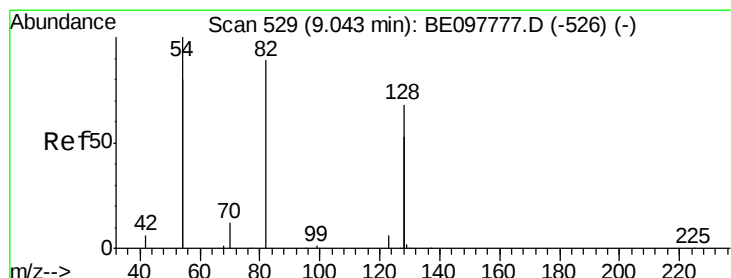
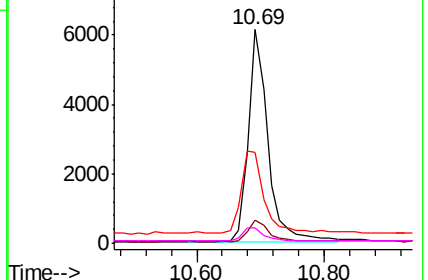
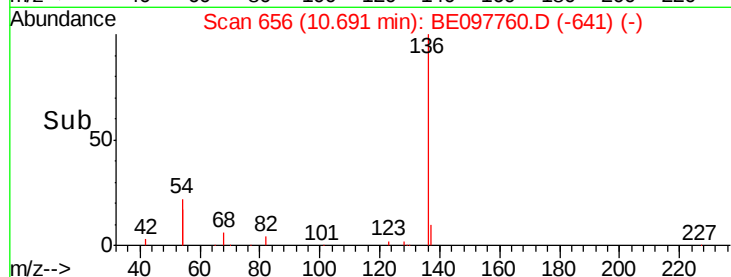


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.143 ng

RT: 9.05 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097760.D

Acq: 5 Oct 2018 18:15

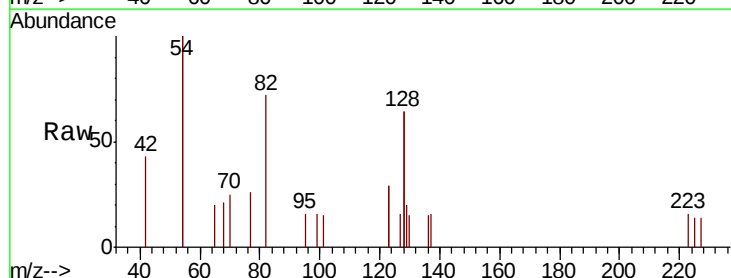
Tgt Ion: 82 Resp: 603

Ion Ratio Lower Upper

82 100

128 177.9 97.0 145.4#

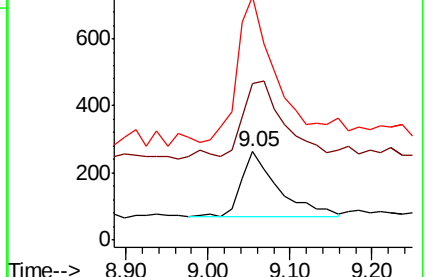
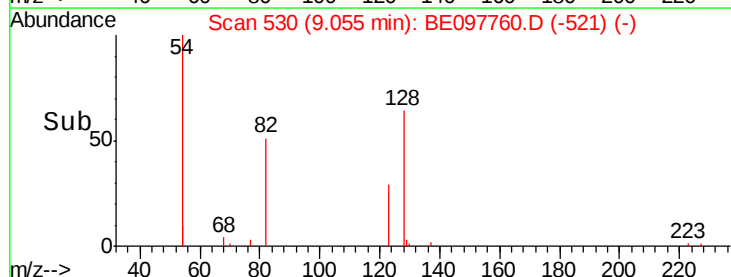
54 276.0 206.9 310.3

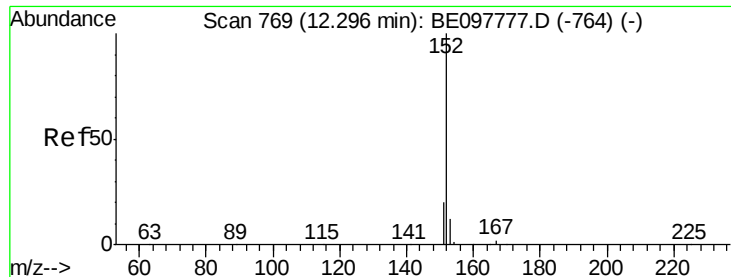


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

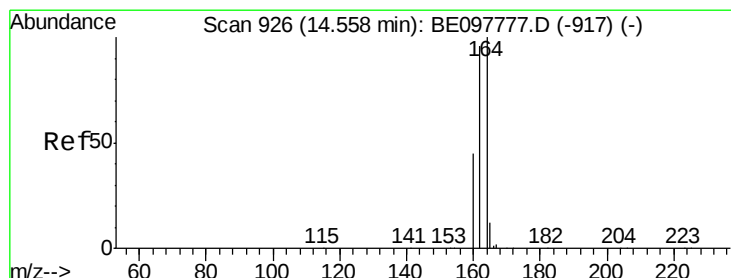
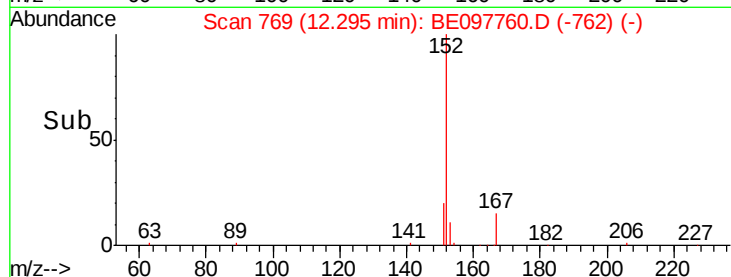
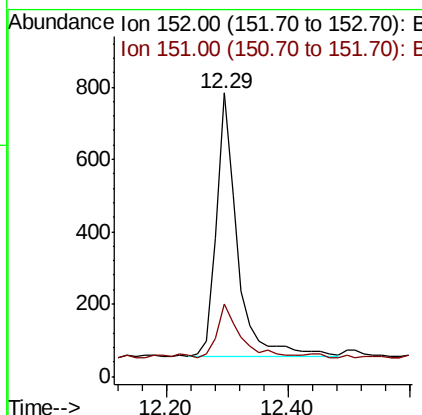
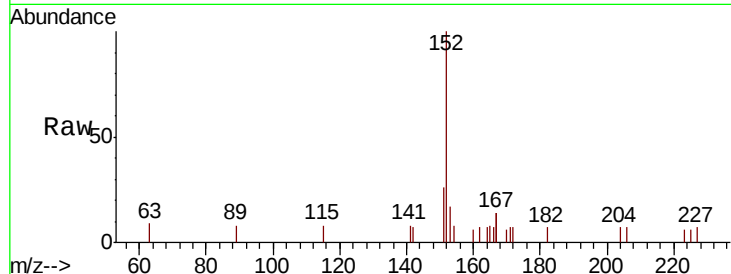




#11
 2-Methylnaphthalene-d10
 Concen: 0.083 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097760.D
 Acq: 5 Oct 2018 18:15

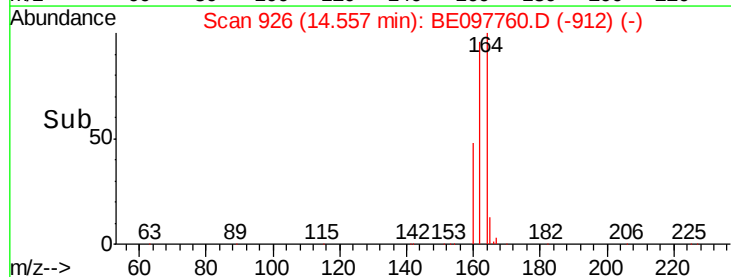
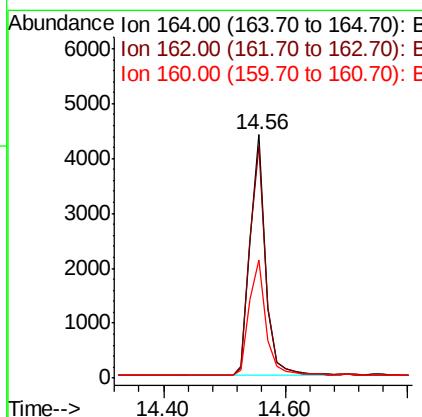
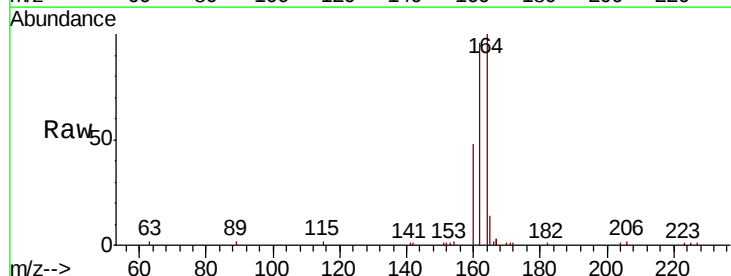
Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20180927DL

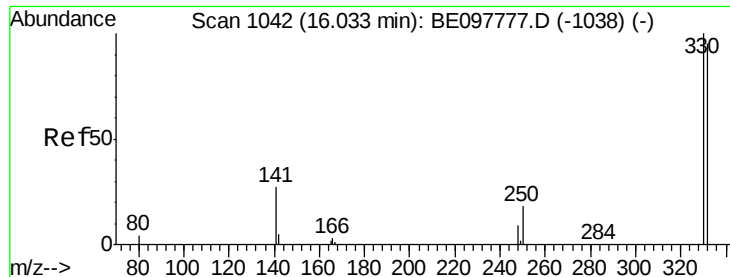
Tot Ion:152 Resp: 1724
 Ion Ratio Lower Upper
 152 100
 151 21.8 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097760.D
 Acq: 5 Oct 2018 18:15

Tgt Ion:164 Resp: 7540
 Ion Ratio Lower Upper
 164 100
 162 95.6 78.6 117.8
 160 48.4 37.8 56.6

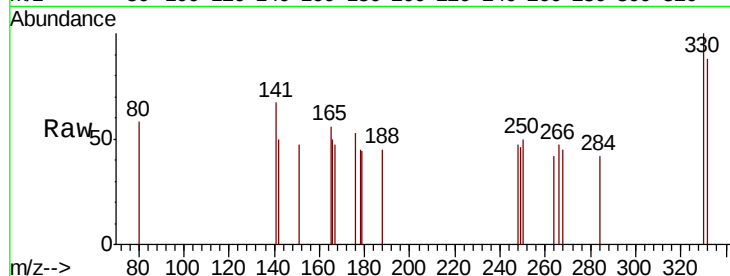




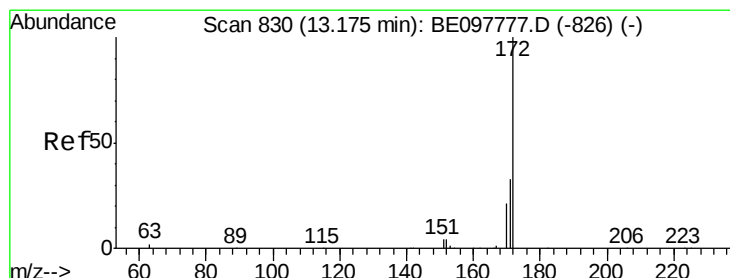
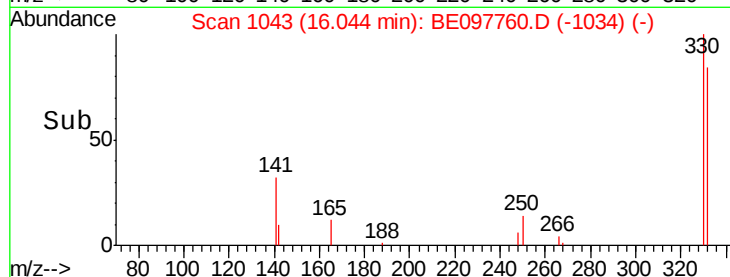
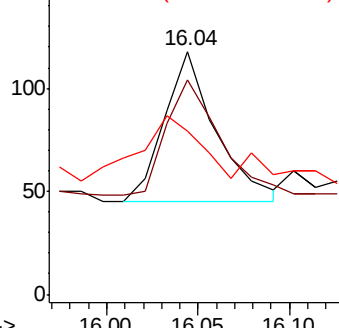
#14
 2,4,6-Tribromophenol
 Concen: 0.105 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097760.D
 Acq: 5 Oct 2018 18:15

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20180927DL

Tot Ion:330 Resp: 143
 Ion Ratio Lower Upper
 330 100
 332 80.4 83.5 125.3#
 141 51.0 34.9 52.3

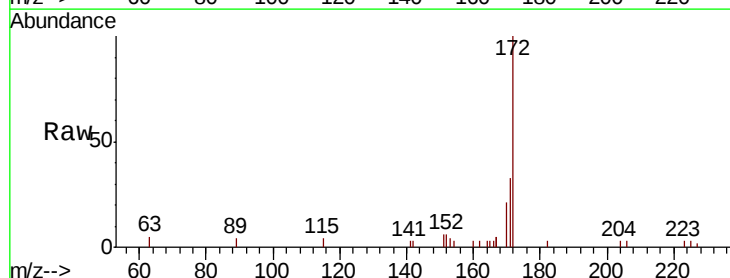


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

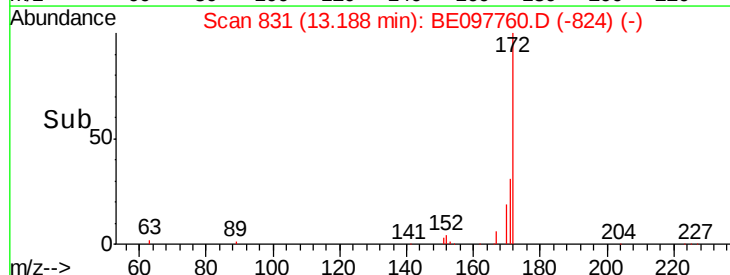
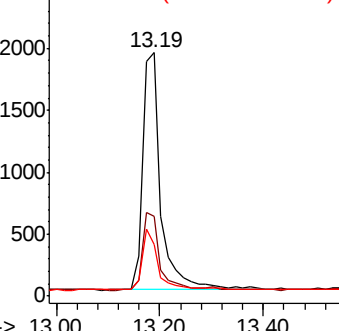


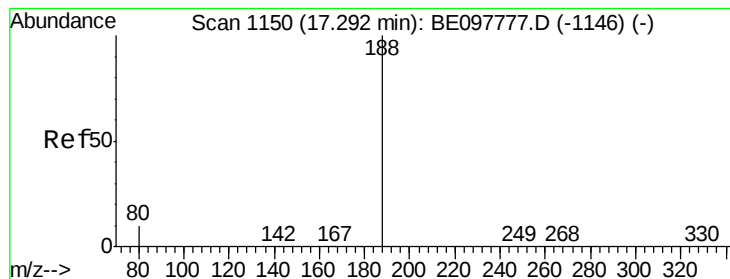
#15
 2-Fluorobiphenyl
 Concen: 0.143 ng
 RT: 13.19 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BE097760.D
 Acq: 5 Oct 2018 18:15

Tgt Ion:172 Resp: 4747
 Ion Ratio Lower Upper
 172 100
 171 33.0 25.2 37.8
 170 21.4 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: BE097760.D

Acq: 5 Oct 2018 18:15

Instrument :

BNA_E

ClientSampleId :

RE-131D1-20180927DL

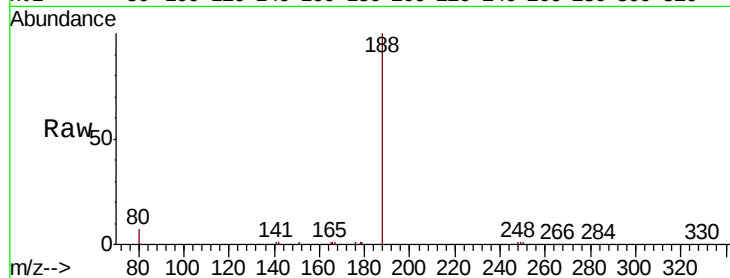
Tot Ion:188 Resp: 21846

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

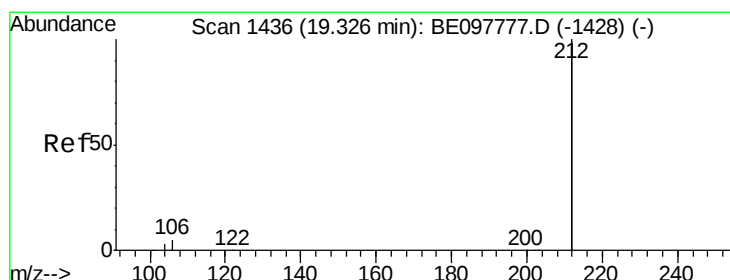
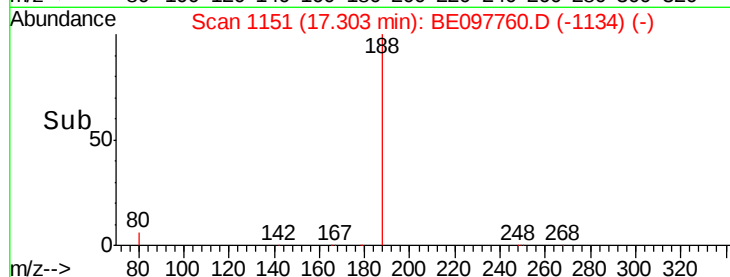
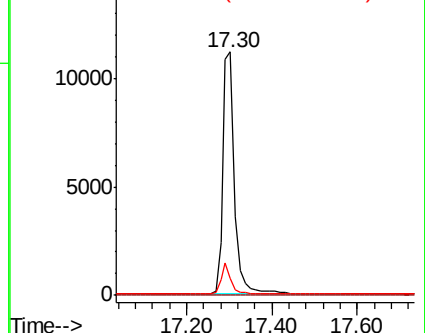
80 7.0 6.6 9.8



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: 0.080 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097760.D

Acq: 5 Oct 2018 18:15

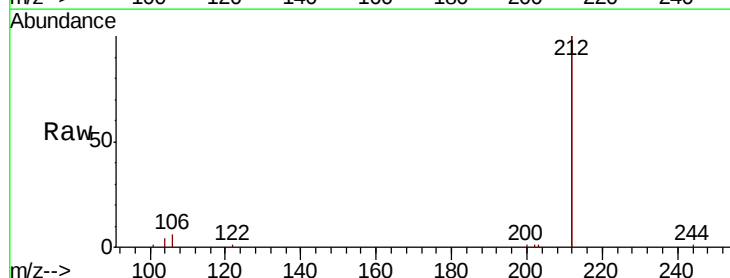
Tgt Ion:212 Resp: 22119

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

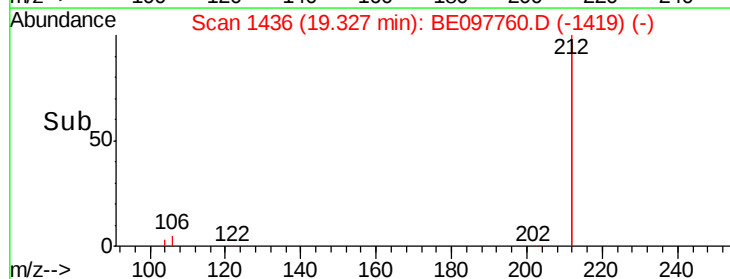
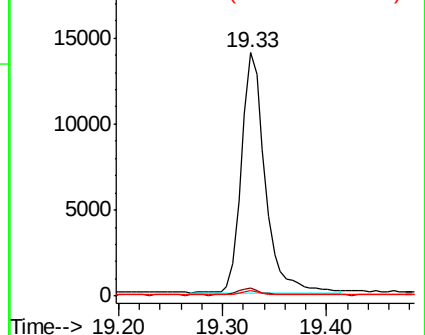
104 1.6 1.2 1.8

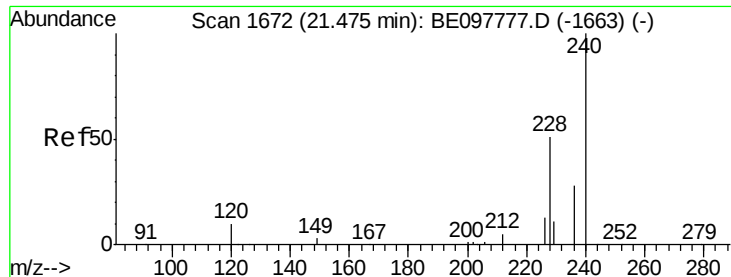


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097760.D

Acq: 5 Oct 2018 18:15

Instrument :

BNA_E

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RE-131D1-20180927DL

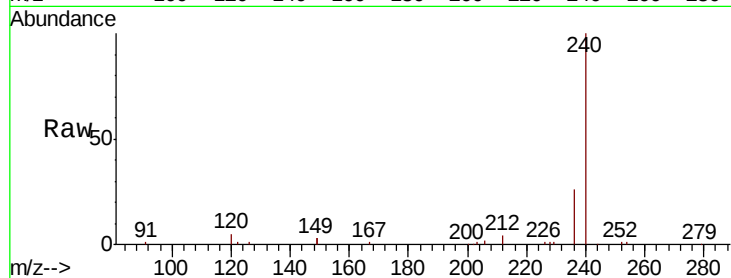
Tot Ion:240 Resp: 24556

Ion Ratio Lower Upper

240 100

120 5.5 4.7 7.1

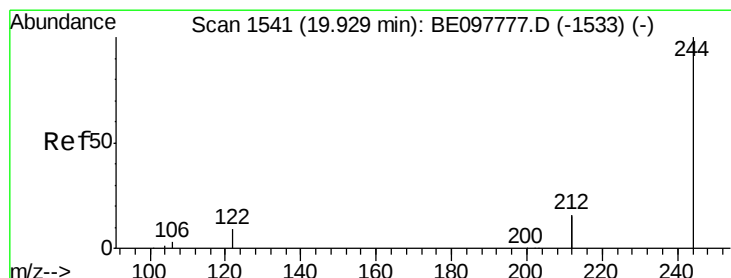
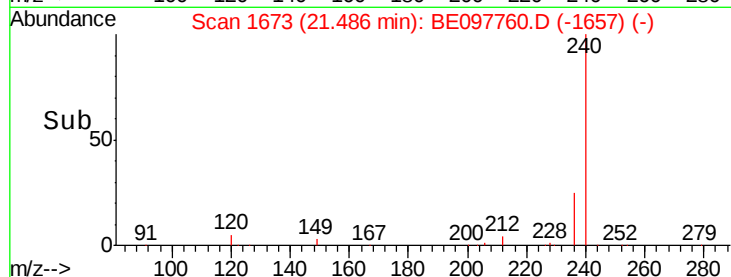
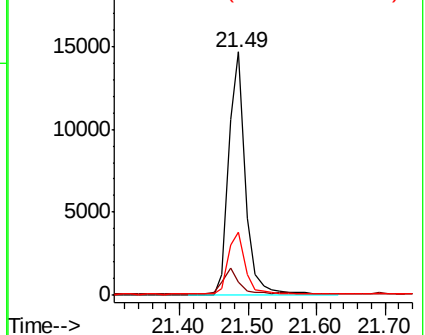
236 25.7 20.8 31.2



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: 0.108 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097760.D

Acq: 5 Oct 2018 18:15

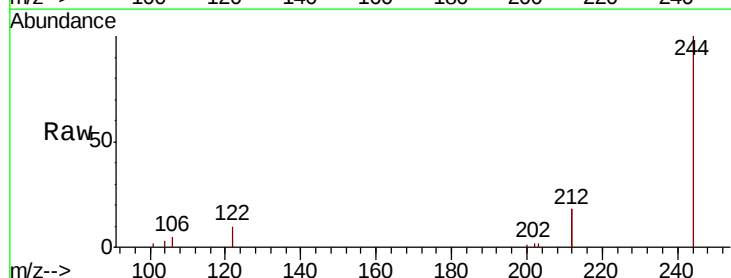
Tgt Ion:244 Resp: 5417

Ion Ratio Lower Upper

244 100

212 35.1 25.8 38.8

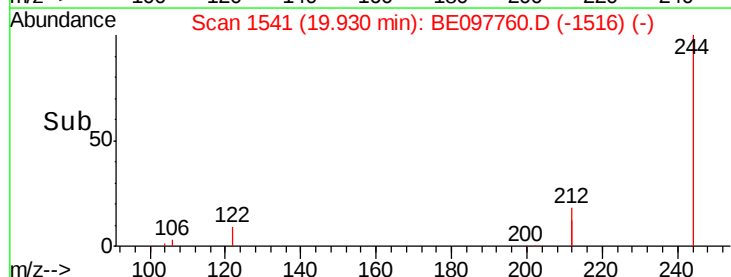
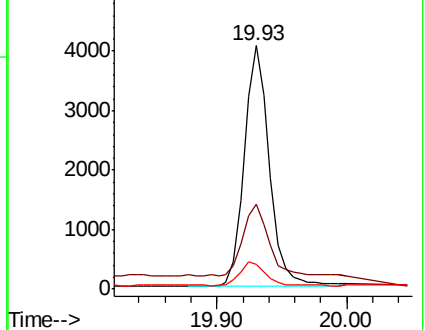
122 10.2 8.7 13.1

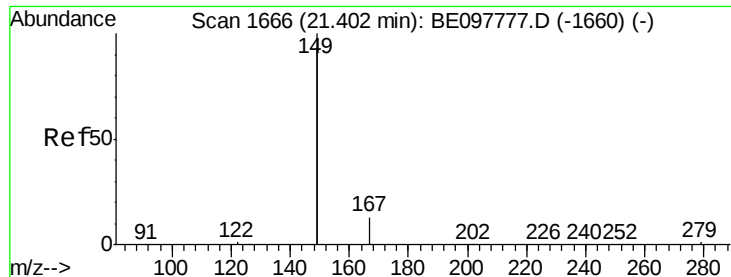


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

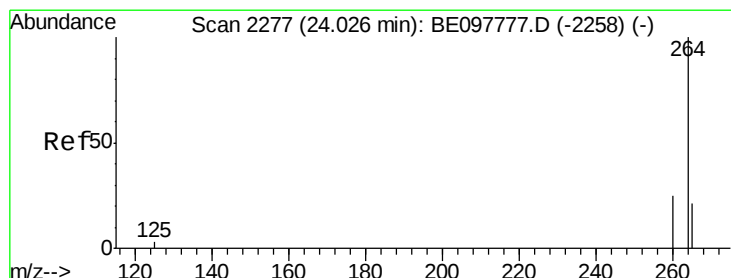
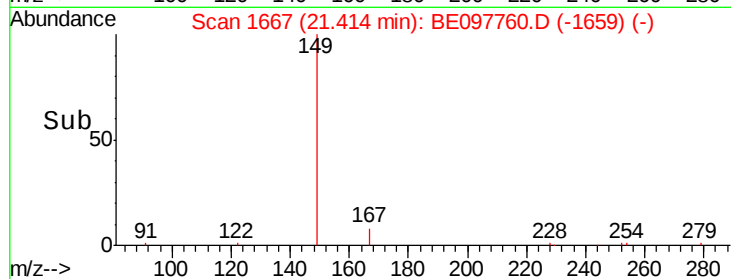
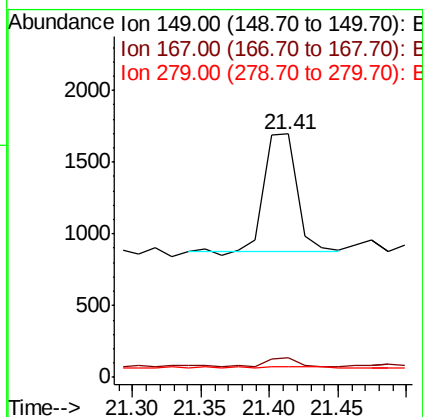
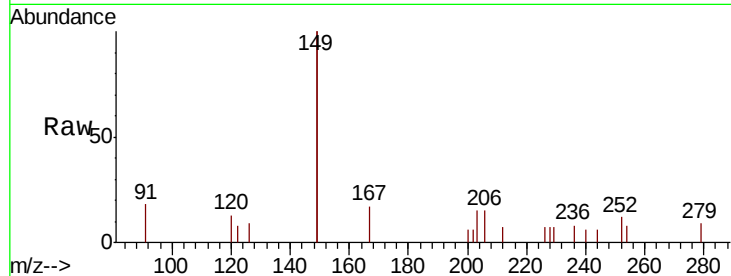




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.028 ng
 RT: 21.41 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BE097760.D
 Acq: 5 Oct 2018 18:15

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20180927DL

Tot Ion:149 Resp: 1370
 Ion Ratio Lower Upper
 149 100
 167 7.7 5.5 8.3
 279 2.4 0.9 1.3#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE097760.D
 Acq: 5 Oct 2018 18:15

Tgt Ion:264 Resp: 25481
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 27.1 21.9 32.9

