

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
 Data File : BE097013.D
 Acq On : 19 Jul 2018 20:10
 Operator : SJ/JU
 Sample : J4014-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB01-071318

Quant Time: Jul 20 05:04:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

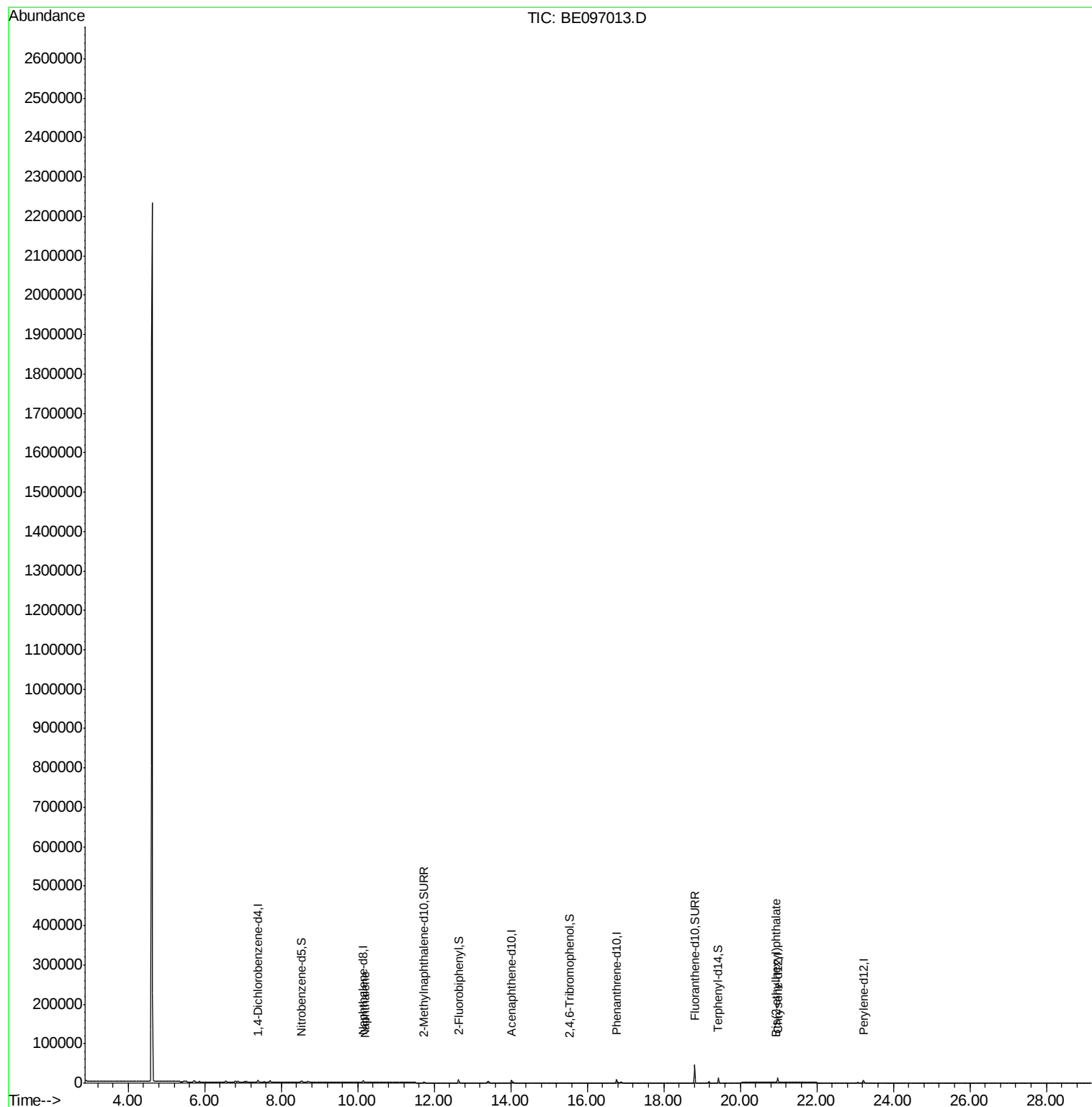
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1465	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6639	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	4034	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	11752	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	11960	0.40	ng	0.00
34) Perylene-d12	23.21	264	11022	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	46	0.01	ng	0.01
5) Phenol-d6	6.61	99	71	0.01	ng	0.01
8) Nitrobenzene-d5	8.53	82	2337	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3978	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	94	0.15	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	7349	0.49	ng	0.00
25) Fluoranthene-d10	18.81	212	58705	0.57	ng	0.00
29) Terphenyl-d14	19.43	244	12177	0.53	ng	0.00
Target Compounds						
9) Naphthalene	10.20	128	1628	0.027	ng	Qvalue # 90
32) Bis(2-ethylhexyl)phthalate	20.93	149	2479	0.087	ng	100

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

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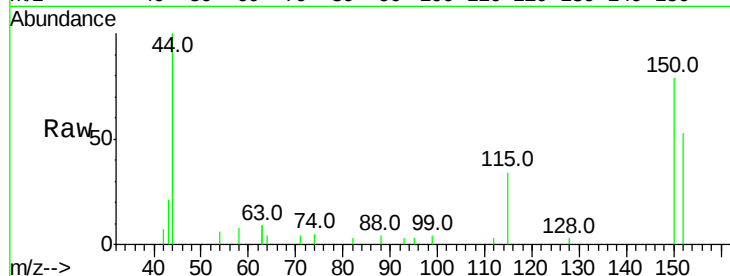


#1

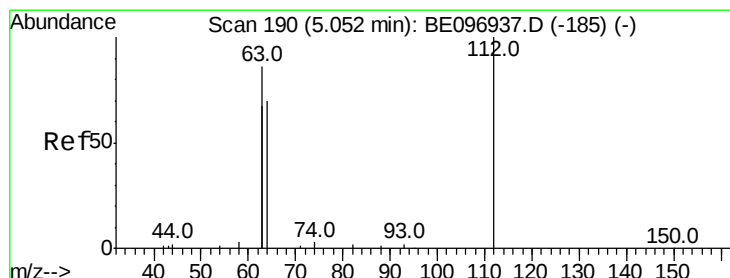
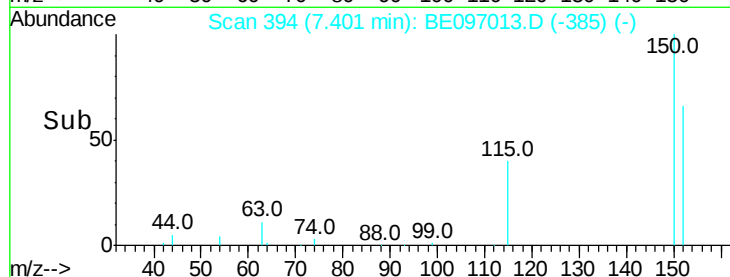
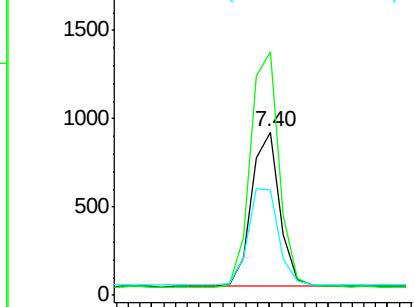
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Instrument :
BNA_E
ClientSampleId :
FB01-071318

Tot Ion:152 Resp: 1465
Ion Ratio Lower Upper
152 100
150 148.8 117.2 175.8
115 64.6 57.0 85.6



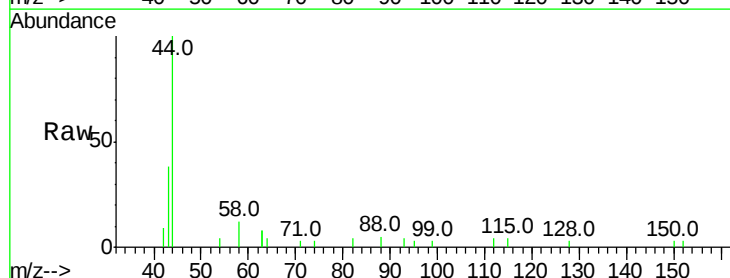
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



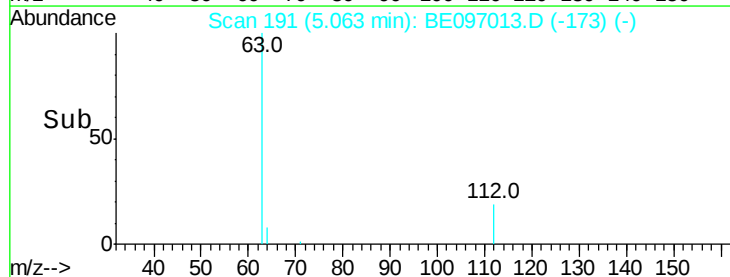
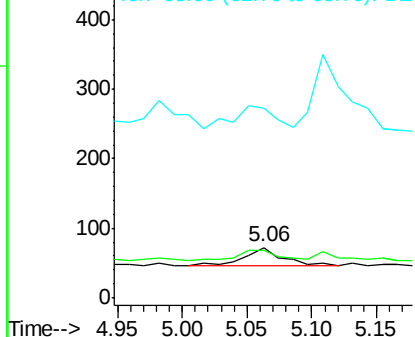
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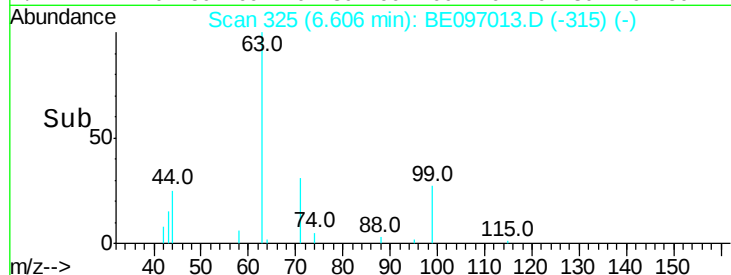
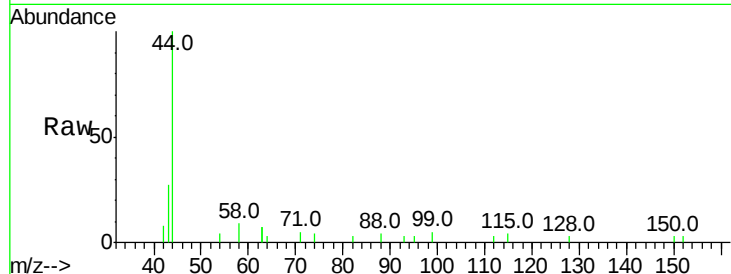
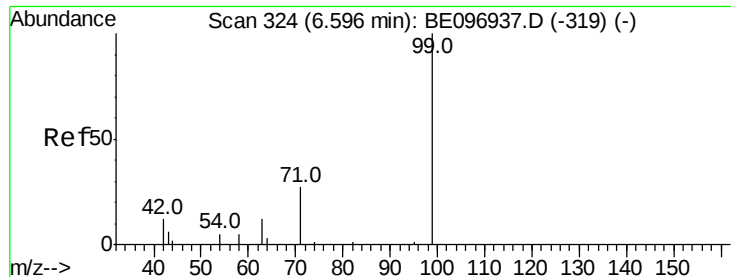
2-Fluorophenol
Concen: 0.013 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:112 Resp: 46
Ion Ratio Lower Upper
112 100
64 78.3 60.1 90.1
63 171.7 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.013 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097013.D

Acq: 19 Jul 2018 20:10

Instrument :

BNA_E

ClientSampleId :

FB01-071318

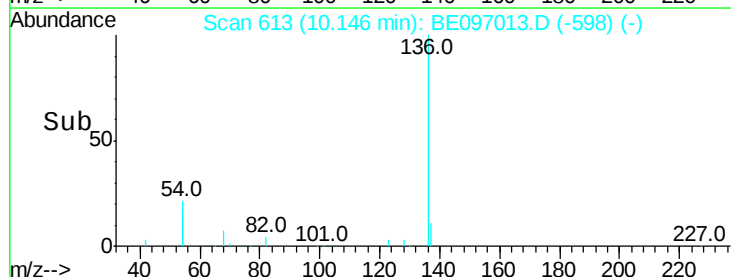
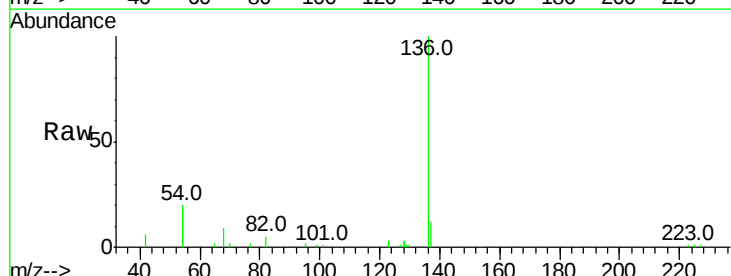
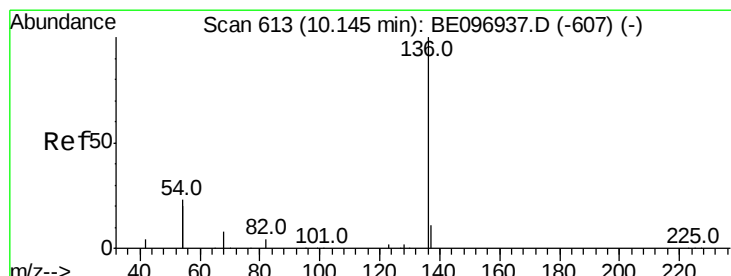
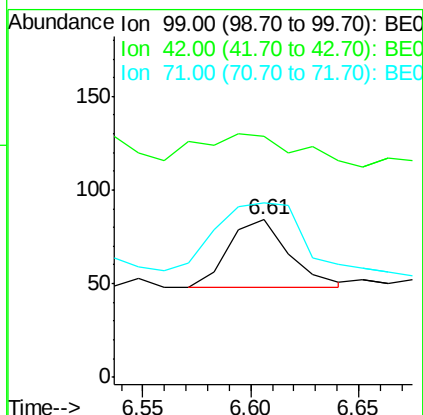
Tot Ion: 99 Resp: 71

Ion Ratio Lower Upper

99 100

42 81.7 20.2 30.2#

71 138.0 28.4 42.6#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097013.D

Acq: 19 Jul 2018 20:10

Tgt Ion:136 Resp: 6639

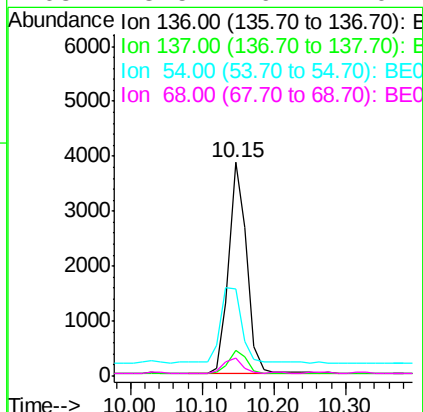
Ion Ratio Lower Upper

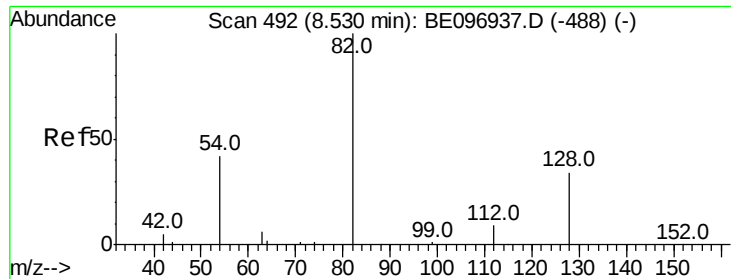
136 100

137 12.2 9.5 14.3

54 40.7 29.1 43.7

68 8.5 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.483 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097013.D

Acq: 19 Jul 2018 20:10

Instrument :

BNA_E

ClientSampleId :

FB01-071318

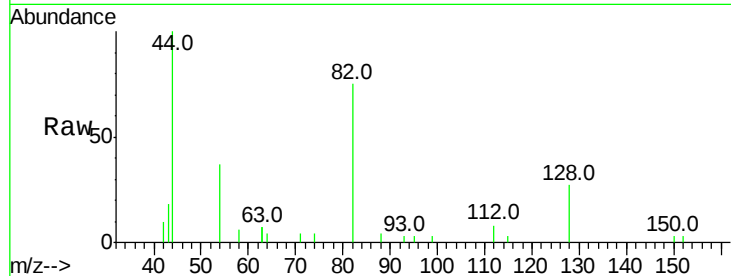
Tot Ion: 82 Resp: 2337

Ion Ratio Lower Upper

82 100

128 36.0 24.0 36.0

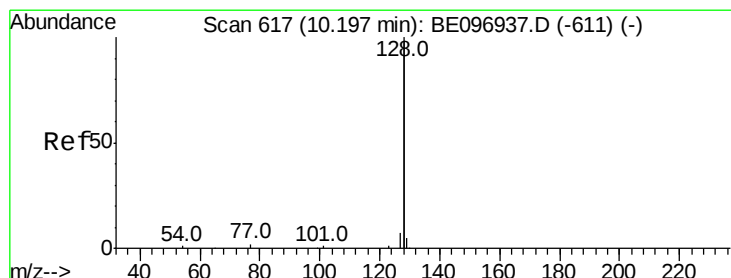
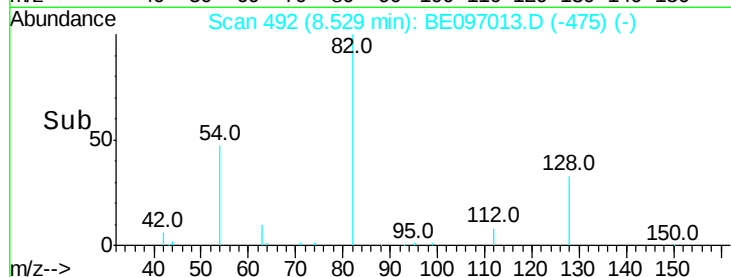
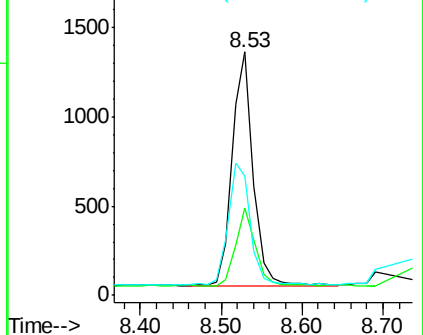
54 48.9 40.0 60.0



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



#9

Naphthalene

Concen: 0.027 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097013.D

Acq: 19 Jul 2018 20:10

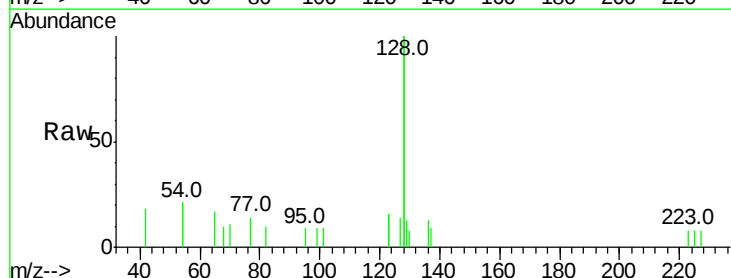
Tgt Ion:128 Resp: 1628

Ion Ratio Lower Upper

128 100

129 6.3 2.6 3.8#

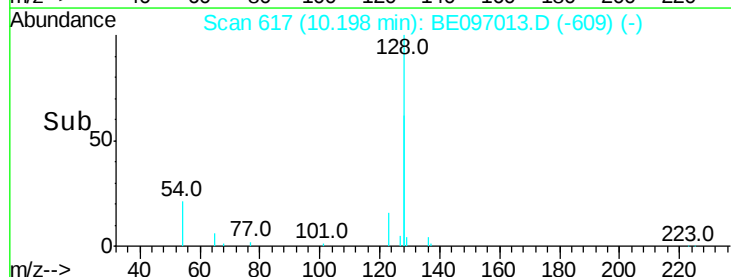
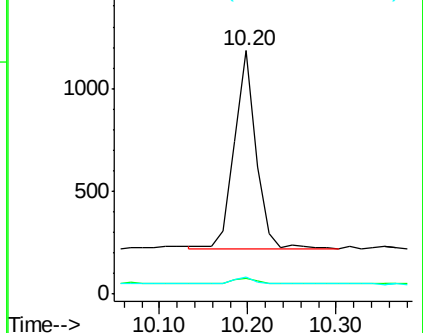
127 6.8 2.8 4.2#

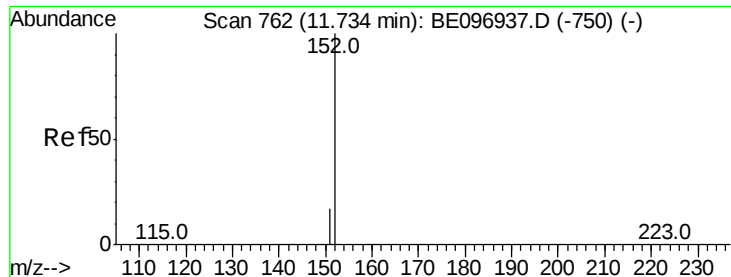


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

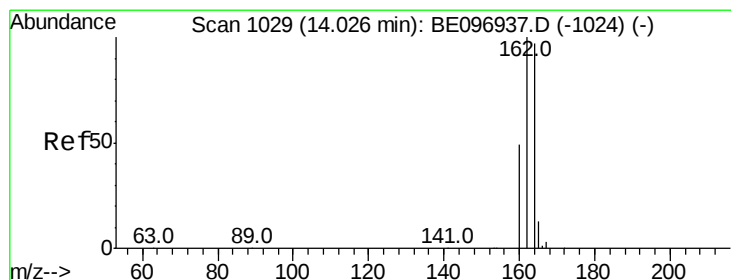
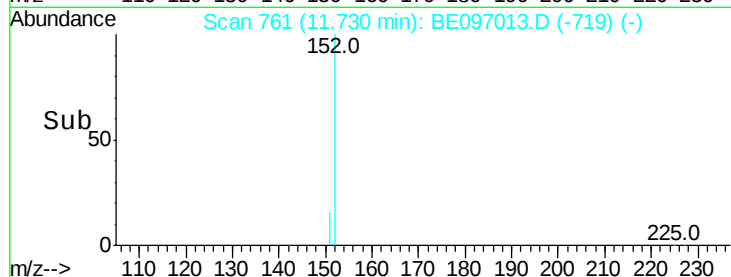
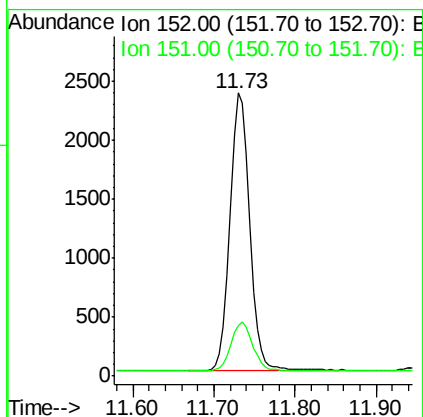
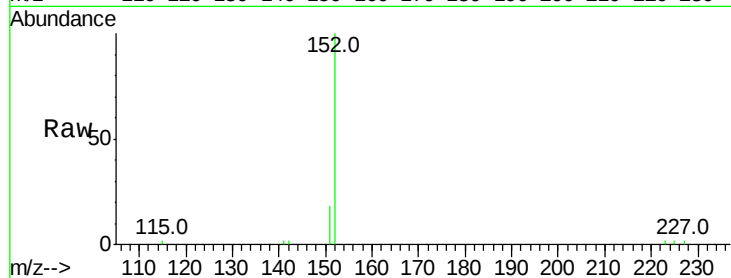




#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

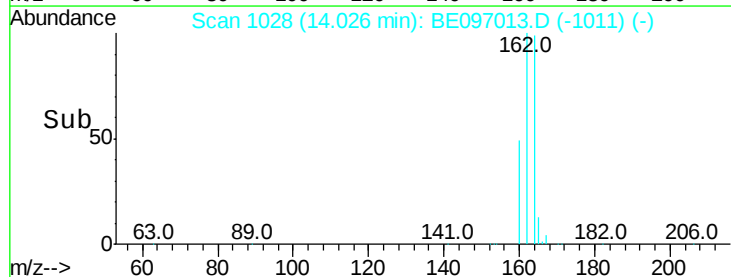
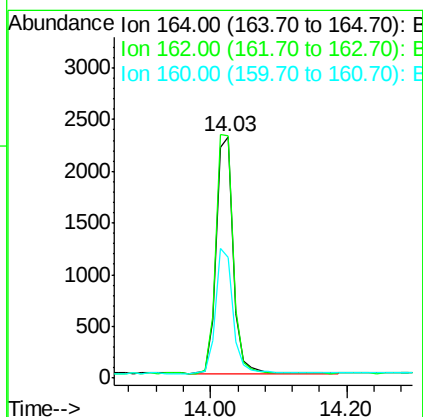
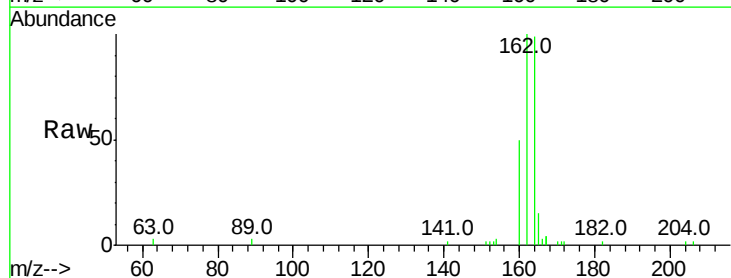
Instrument :
BNA_E
ClientSampleId :
FB01-071318

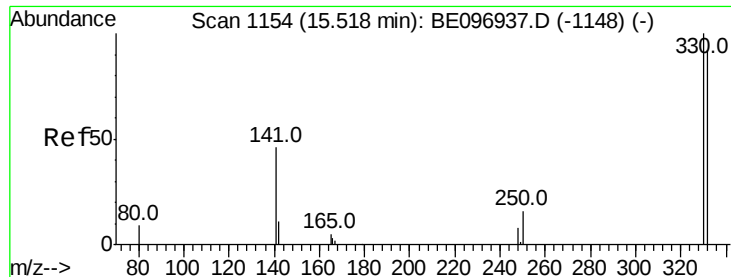
Tot Ion:152 Resp: 3978
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:164 Resp: 4034
Ion Ratio Lower Upper
164 100
162 100.6 83.1 124.7
160 50.0 37.1 55.7

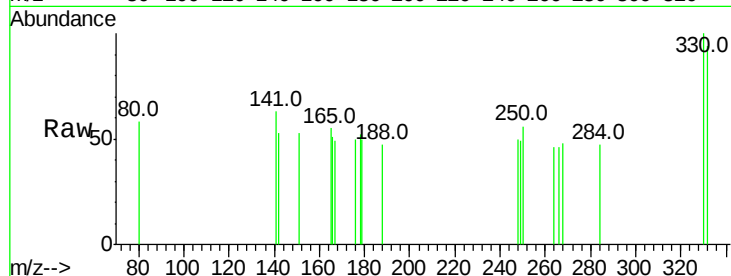




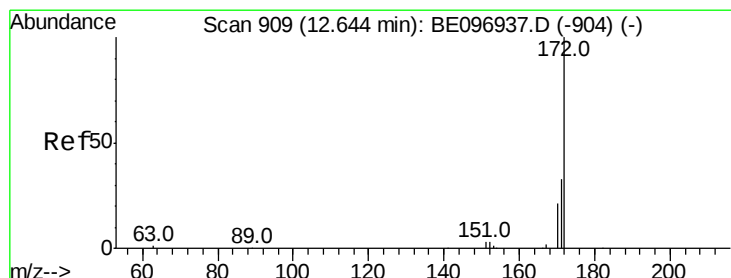
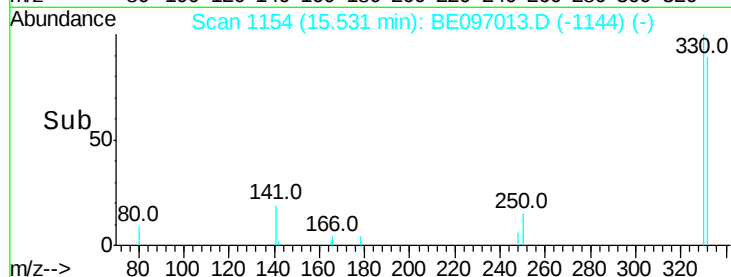
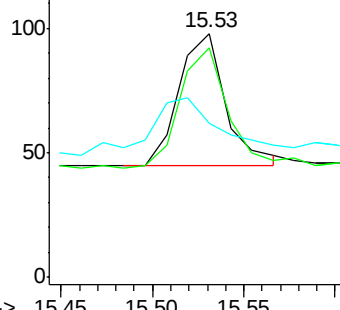
#14
 2,4,6-Tribromophenol
 Concen: 0.147 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE097013.D
 Acq: 19 Jul 2018 20:10

Instrument :
 BNA_E
 ClientSampleId :
 FB01-071318

Tot Ion:330 Resp: 94
 Ion Ratio Lower Upper
 330 100
 332 93.6 152.7 229.1#
 141 66.0 33.7 50.5#

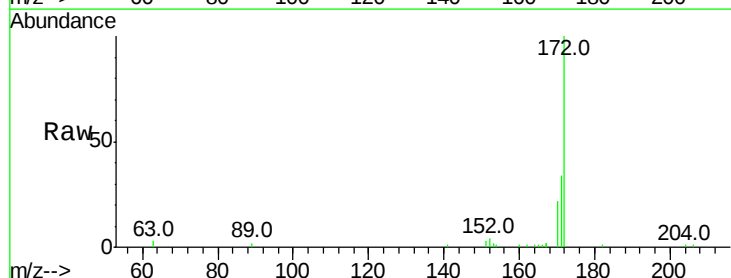


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

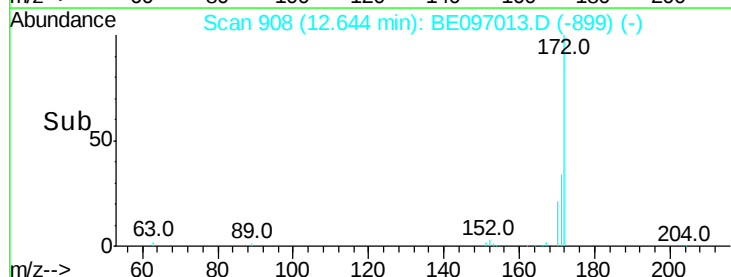
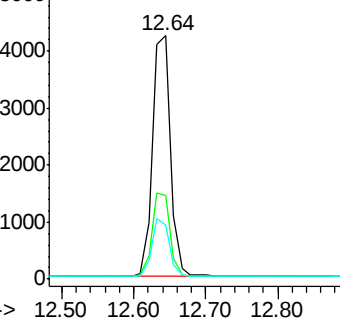


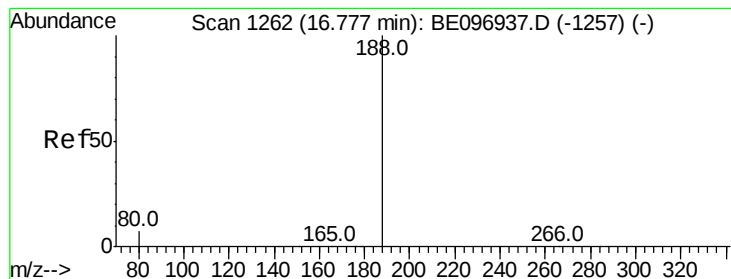
#15
 2-Fluorobiphenyl
 Concen: 0.490 ng
 RT: 12.64 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BE097013.D
 Acq: 19 Jul 2018 20:10

Tgt Ion:172 Resp: 7349
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.9 44.9
 170 22.1 21.8 32.8



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: 16.77 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097013.D

Acq: 19 Jul 2018 20:10

Instrument :

BNA_E

ClientSampleId :

FB01-071318

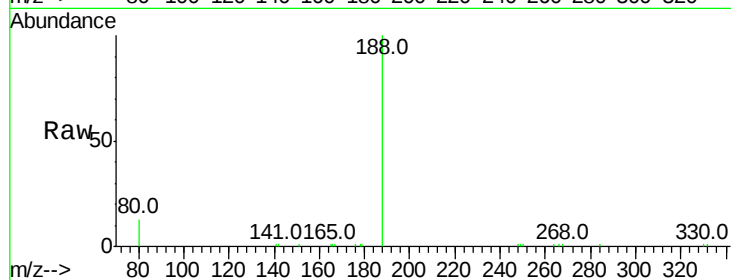
Tot Ion:188 Resp: 11752

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

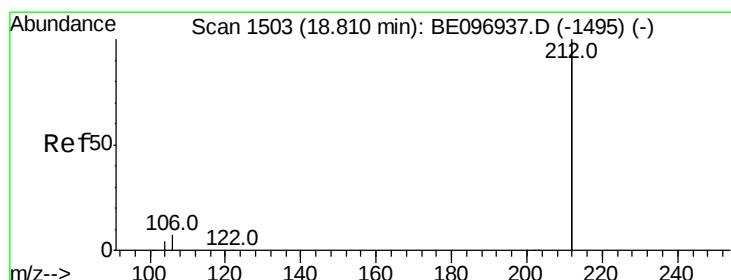
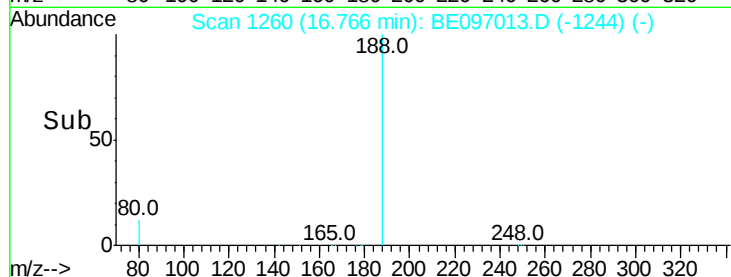
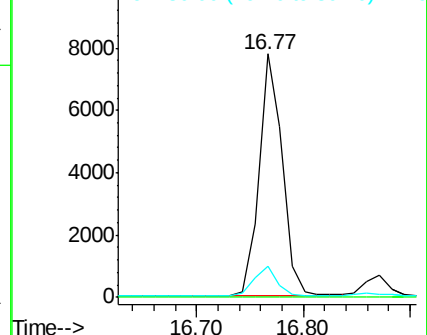
80 12.6 3.6 5.4#



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: 0.574 ng

RT: 18.81 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097013.D

Acq: 19 Jul 2018 20:10

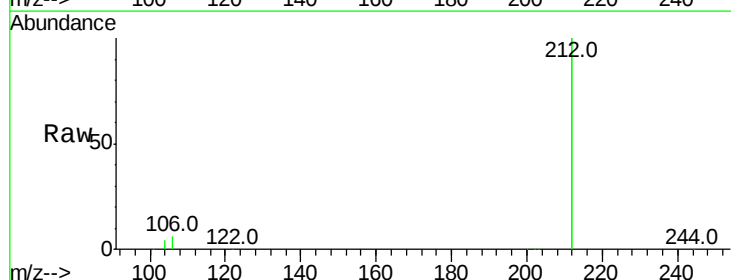
Tgt Ion:212 Resp: 58705

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

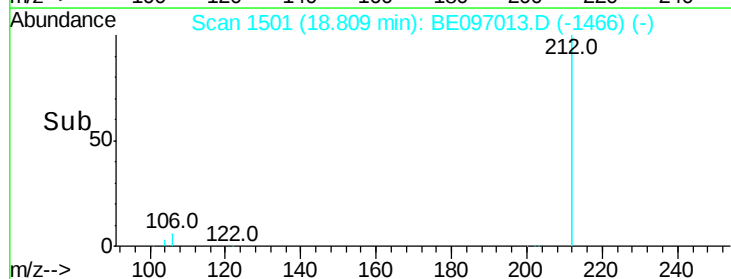
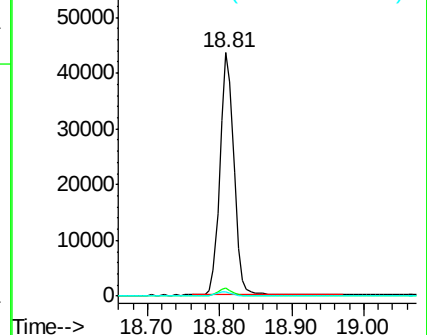
104 1.7 1.6 2.4

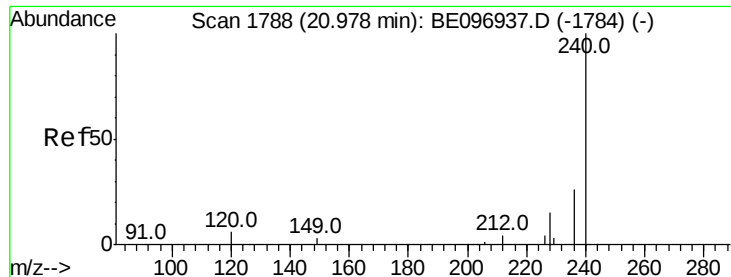


Abundance Ion 212.00 (211.70 to 212.70): E

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: 20.98 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097013.D

Acq: 19 Jul 2018 20:10

Instrument :

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FB01-071318

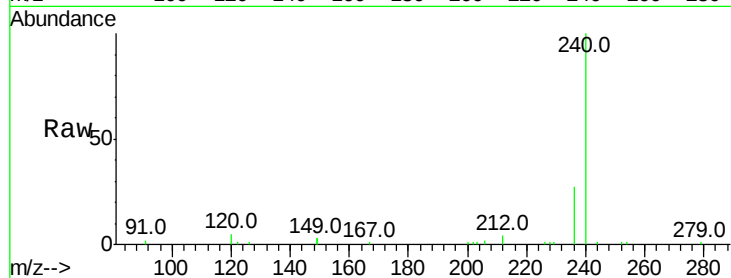
Tot Ion:240 Resp: 11960

Ion Ratio Lower Upper

240 100

120 5.5 5.5 8.3#

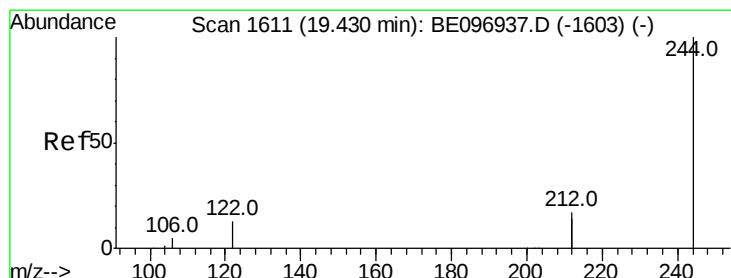
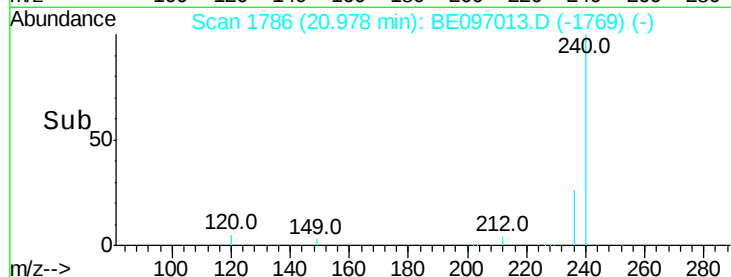
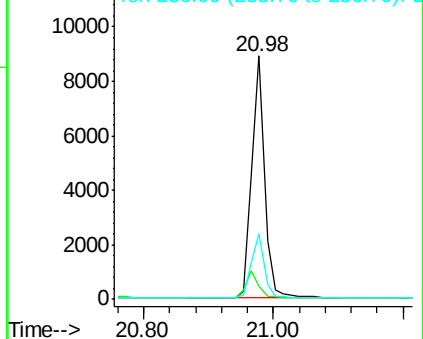
236 27.1 20.7 31.1



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: 0.528 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097013.D

Acq: 19 Jul 2018 20:10

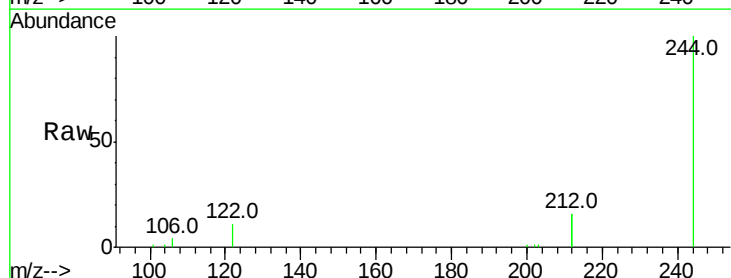
Tgt Ion:244 Resp: 12177

Ion Ratio Lower Upper

244 100

212 32.8 25.4 38.0

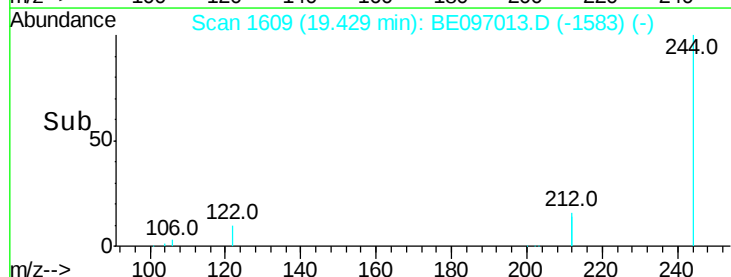
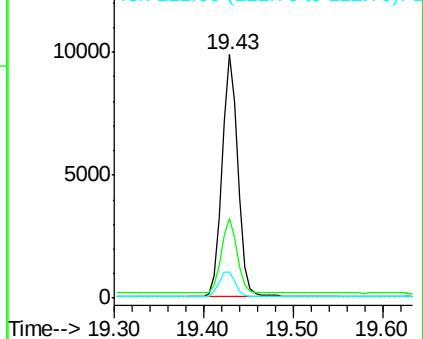
122 10.7 8.1 12.1

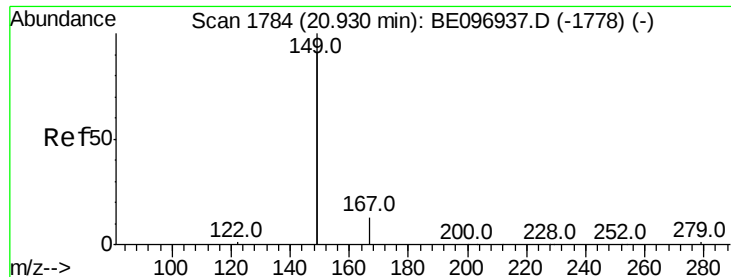


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.087 ng

RT: 20.93 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097013.D

Acq: 19 Jul 2018 20:10

Instrument :

BNA_E

ClientSampleId :

FB01-071318

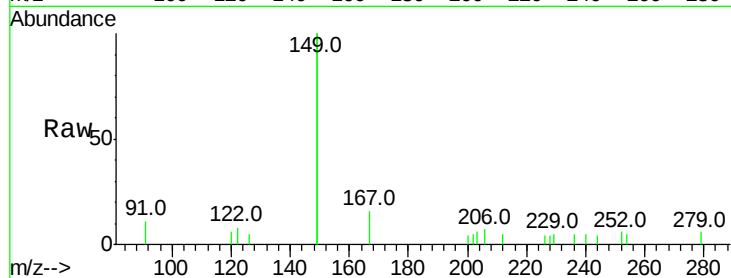
Tot Ion:149 Resp: 2479

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

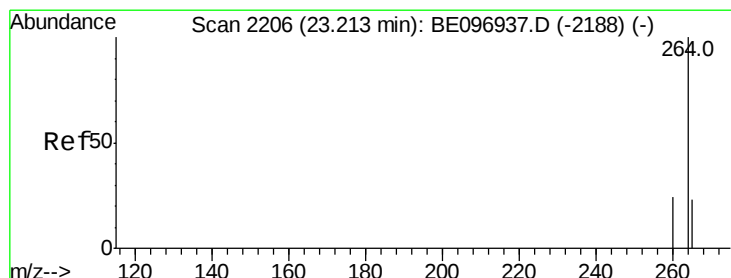
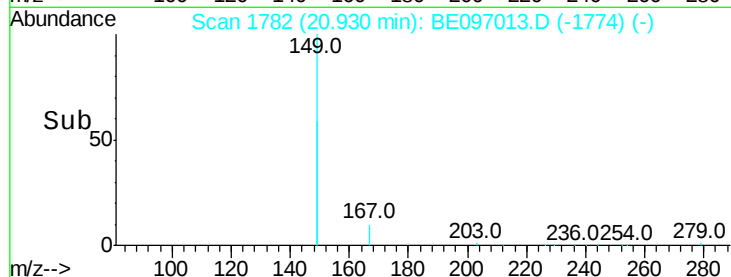
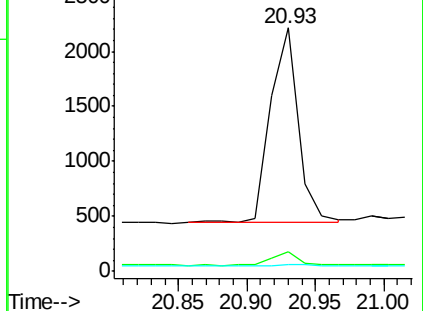
279 1.0 0.7 1.1



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: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097013.D

Acq: 19 Jul 2018 20:10

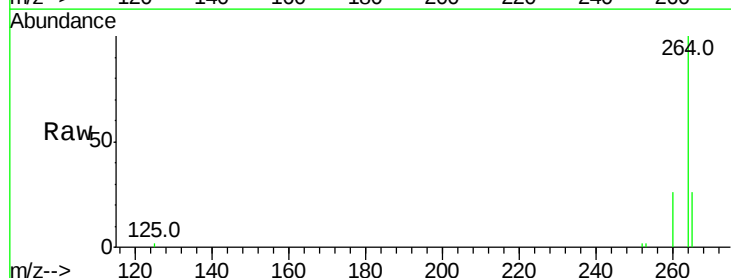
Tgt Ion:264 Resp: 11022

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 26.1 22.8 34.2



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

