

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\
 Data File : BE098482.D
 Acq On : 15 Dec 2018 21:15
 Operator : SJ/JU
 Sample : J6405-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB02-20181211

Quant Time: Dec 16 02:35:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

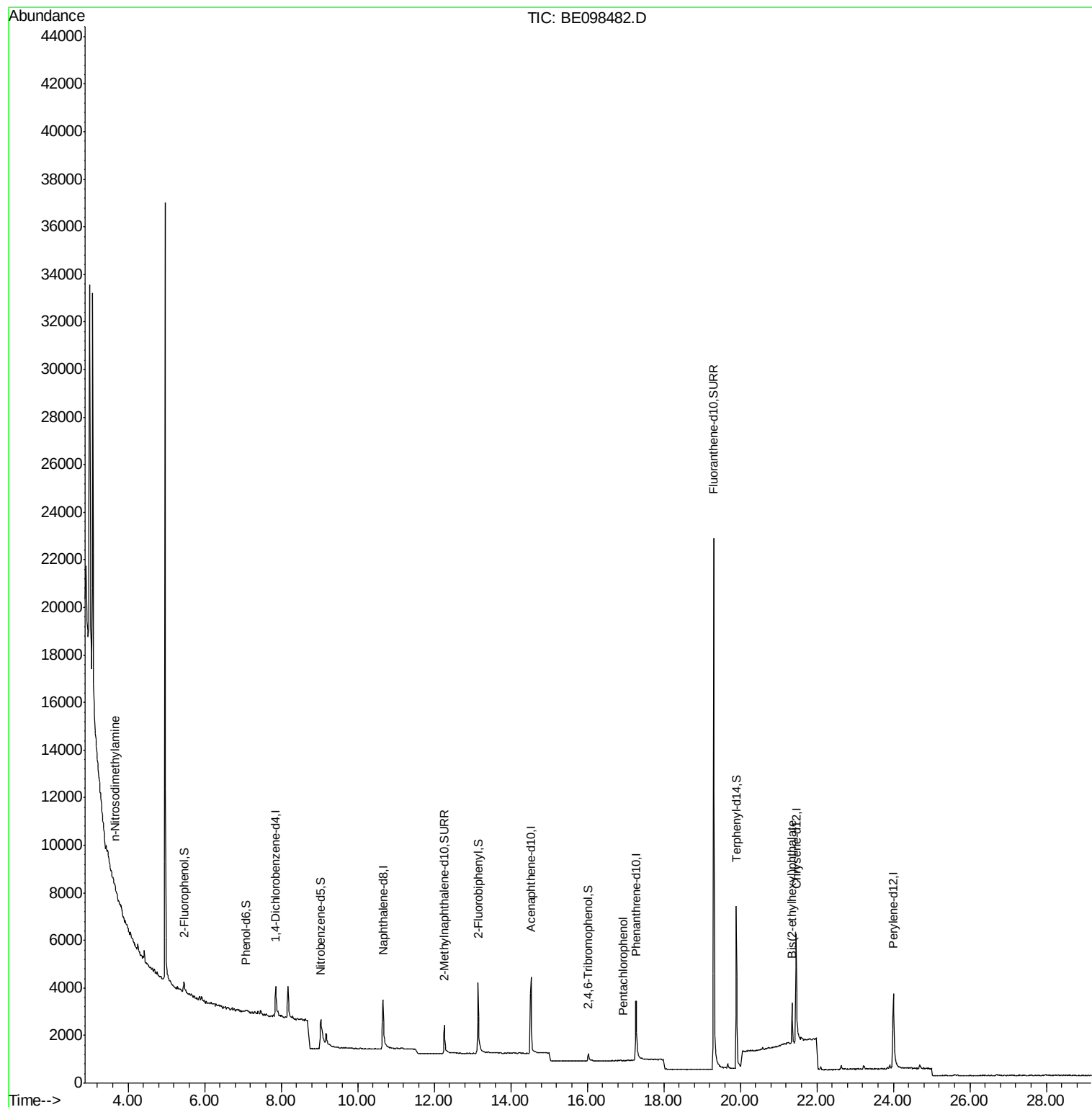
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	837	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3556	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2295	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	5907	0.40	ng	0.00
27) Chrysene-d12	21.46	240	6590	0.40	ng	0.00
34) Perylene-d12	24.00	264	6259	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	413	0.21	ng	0.00
5) Phenol-d6	7.08	99	225	0.08	ng	0.03
8) Nitrobenzene-d5	9.04	82	984	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2512	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	343	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4122	0.43	ng	0.00
25) Fluoranthene-d10	19.30	212	36384	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	7105	0.44	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.66	42	77	0.059	ng	# 100
22) Pentachlorophenol	16.93	266	3	0.022	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.35	149	2298	0.060	ng	# 99

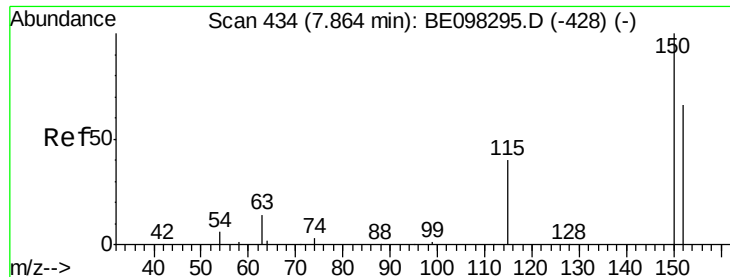
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

EB02-20181211

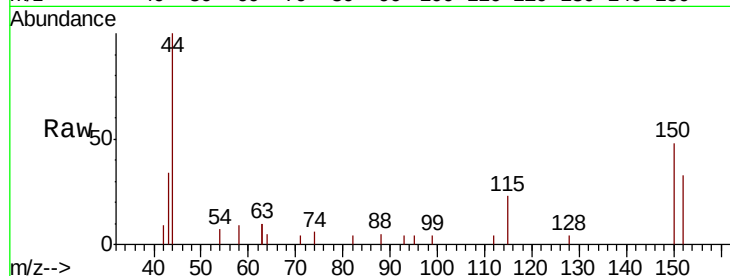
Tgt Ion:152 Resp: 837

Ion Ratio Lower Upper

152 100

150 144.7 124.2 186.4

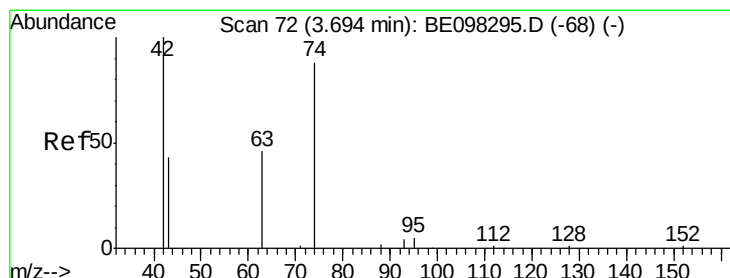
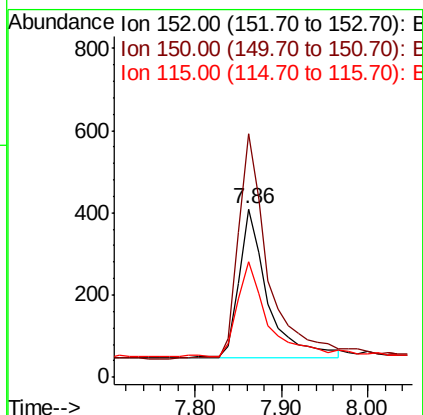
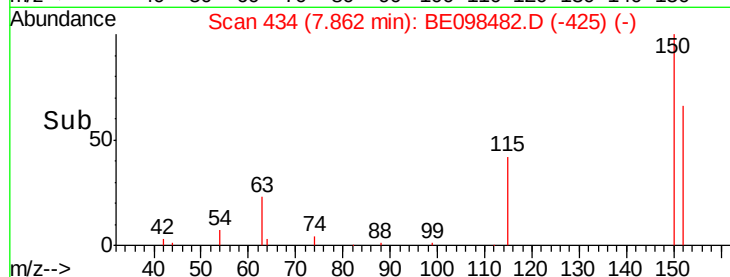
115 68.7 53.9 80.9



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



#3

n-Nitrosodimethylamine

Concen: 0.059 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.04 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

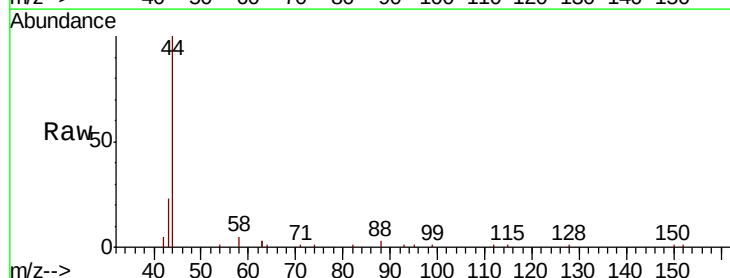
Tgt Ion: 42 Resp: 77

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

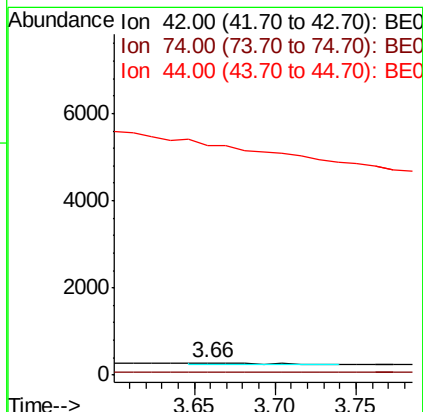
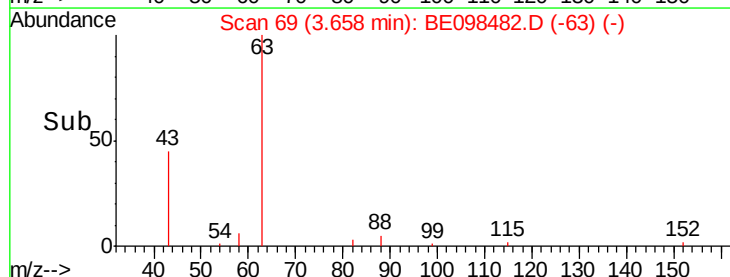
44 0.0 0.0 0.0

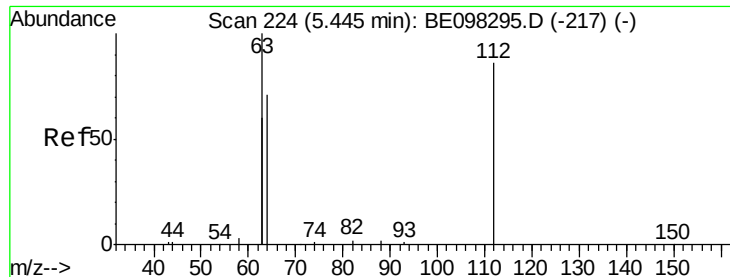


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.211 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

EB02-20181211

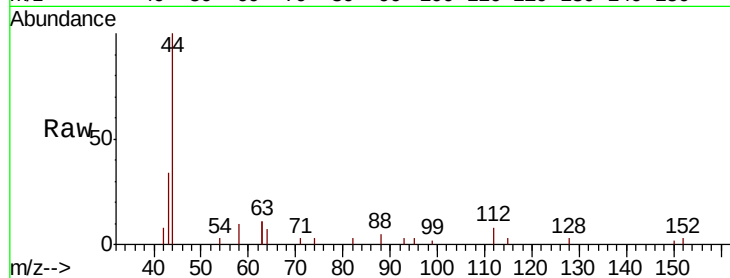
Tgt Ion: 112 Resp: 413

Ion Ratio Lower Upper

112 100

64 61.0 59.8 89.8

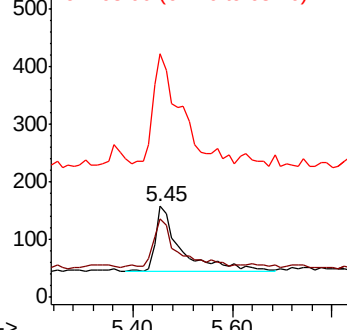
63 180.1 133.7 200.5



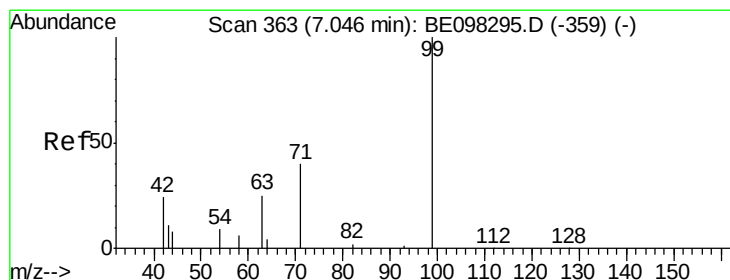
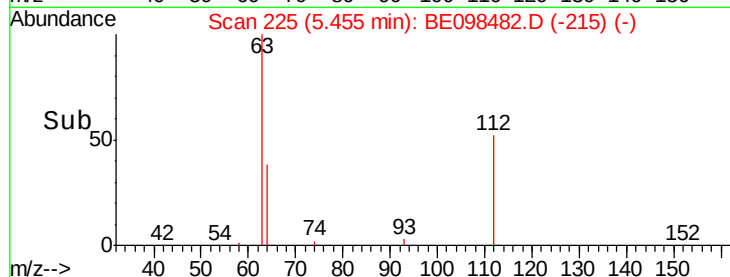
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.081 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.03 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

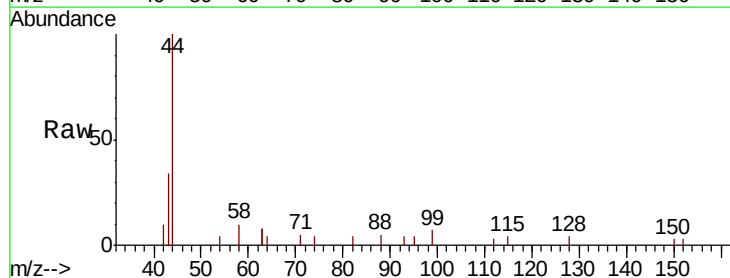
Tgt Ion: 99 Resp: 225

Ion Ratio Lower Upper

99 100

42 29.8 26.3 39.5

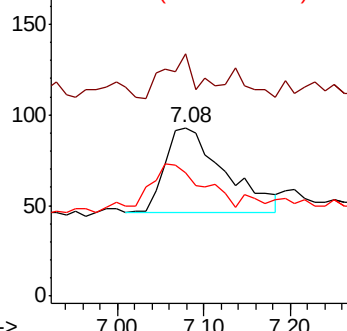
71 0.0 33.6 50.4#



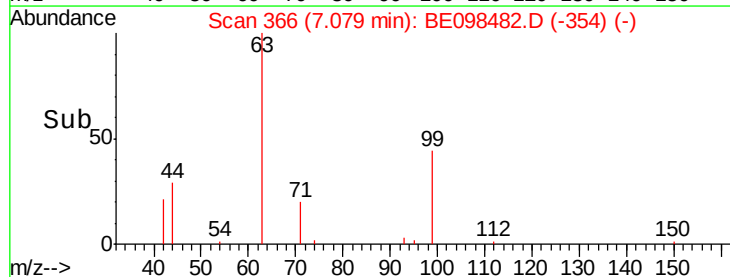
Abundance Ion 99.00 (98.70 to 99.70): BE0

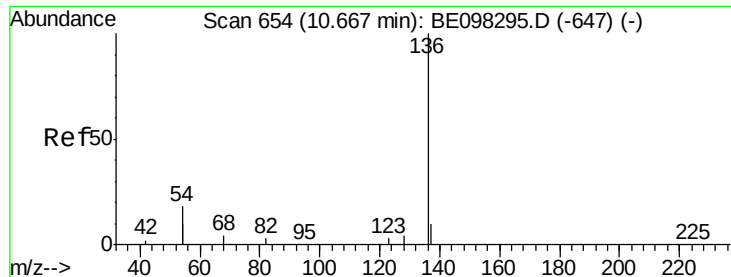
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

EB02-20181211

Tgt Ion: 136 Resp: 3556

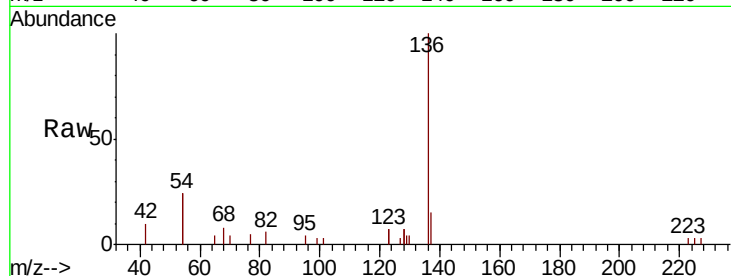
Ion Ratio Lower Upper

136 100

137 14.6 9.2 13.8#

54 48.6 28.4 42.6#

68 8.0 5.4 8.0

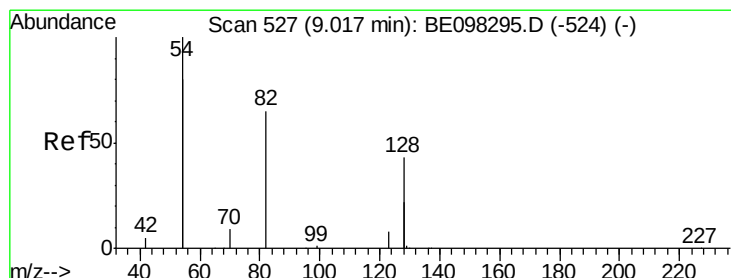
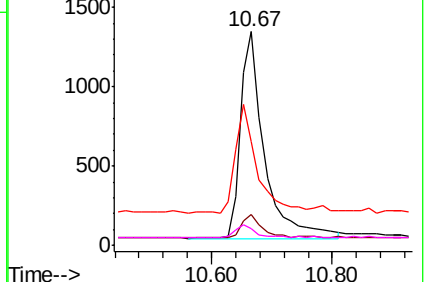
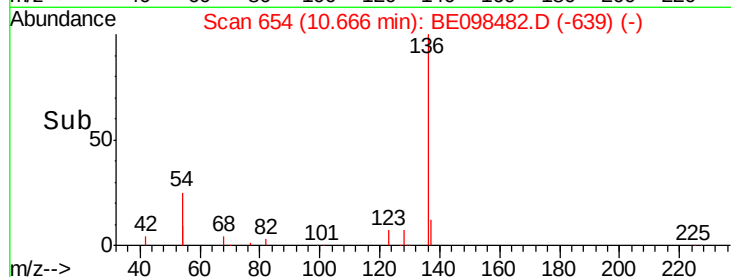


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.304 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

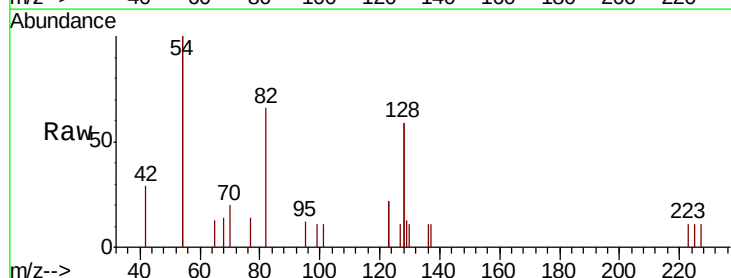
Tgt Ion: 82 Resp: 984

Ion Ratio Lower Upper

82 100

128 180.2 102.4 153.6#

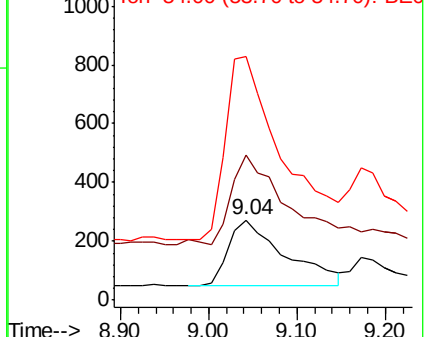
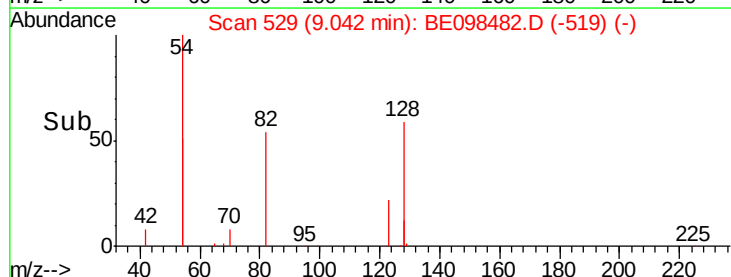
54 303.3 221.8 332.8

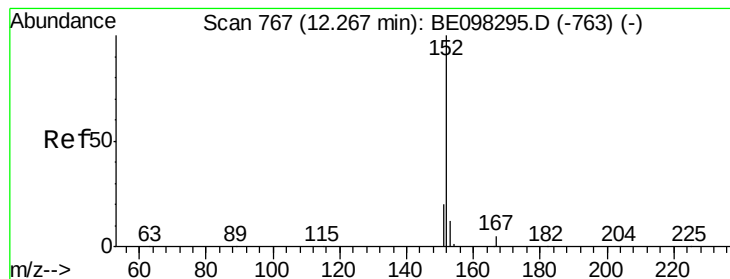


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.434 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

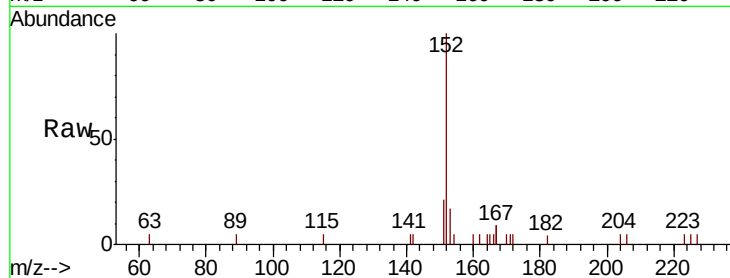
EB02-20181211

Tgt Ion:152 Resp: 2512

Ion Ratio Lower Upper

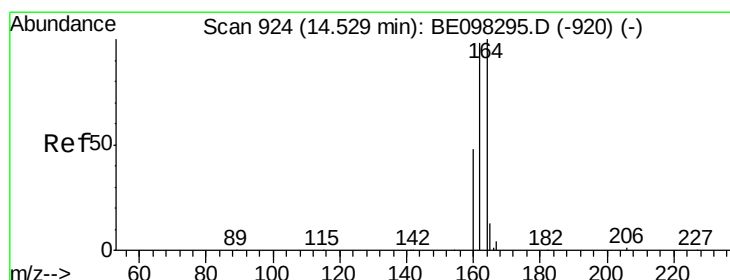
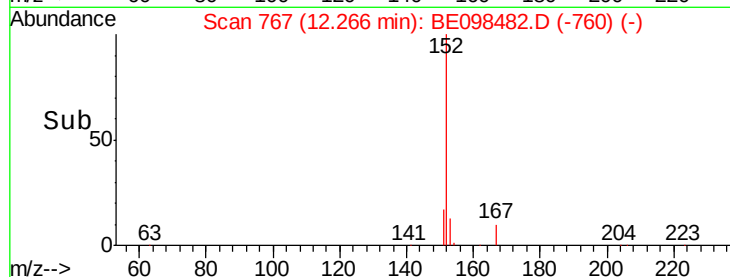
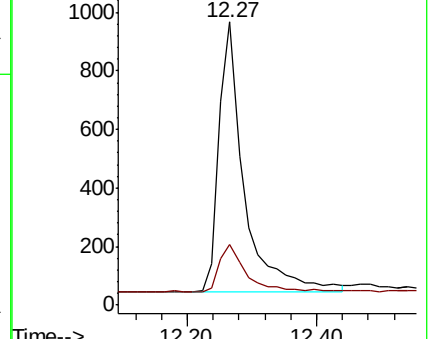
152 100

151 18.8 16.2 24.4



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: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

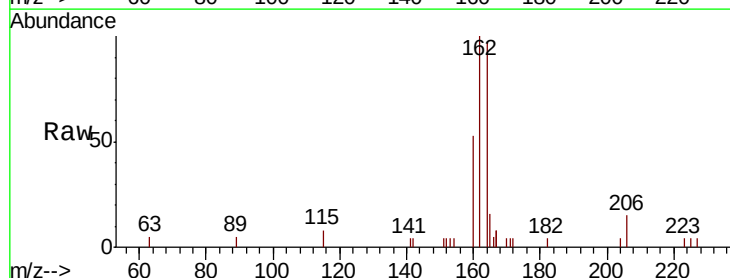
Tgt Ion:164 Resp: 2295

Ion Ratio Lower Upper

164 100

162 102.9 77.6 116.4

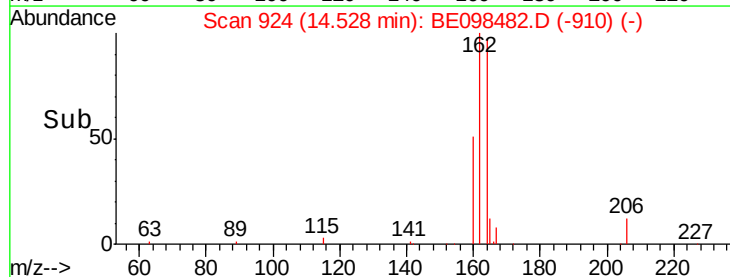
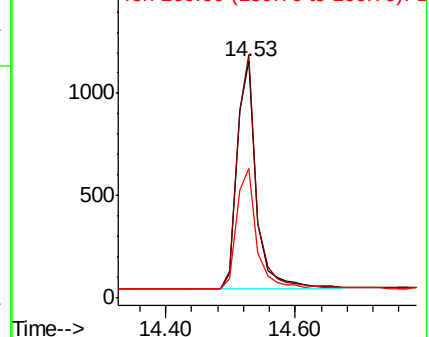
160 54.8 36.0 54.0#

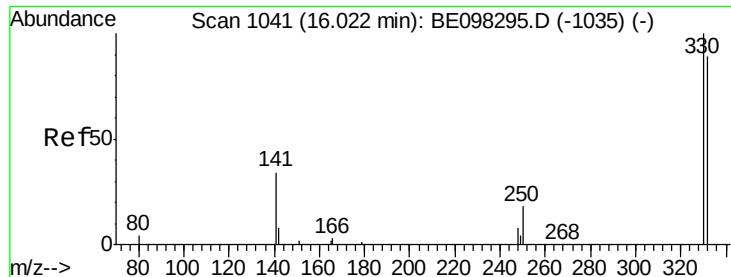


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

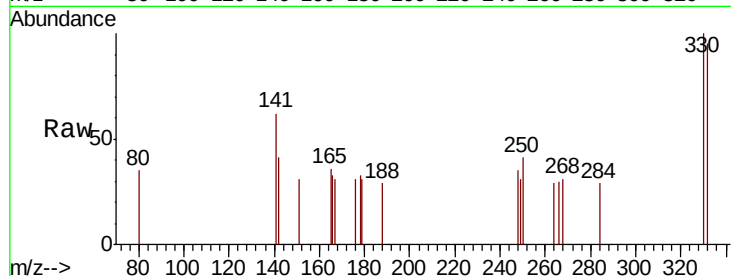




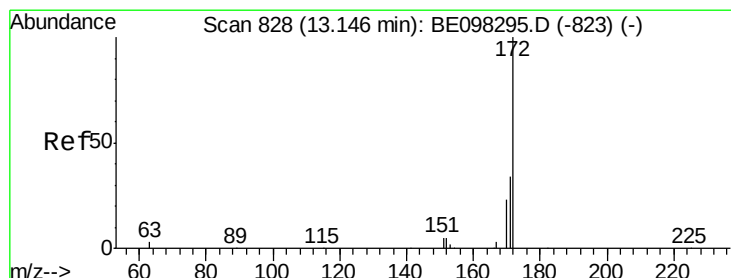
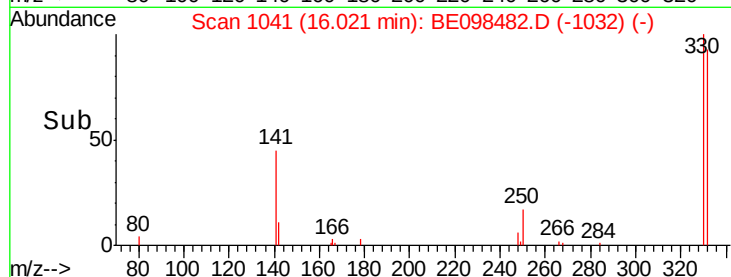
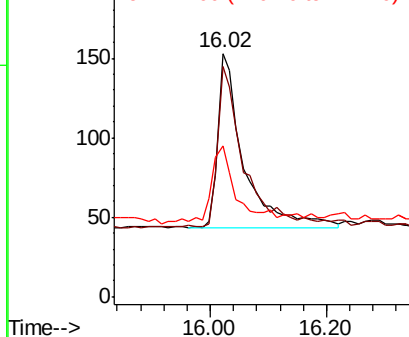
#14
 2,4,6-Tribromophenol
 Concen: 0.407 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098482.D
 Acq: 15 Dec 2018 21:15

Instrument :
 BNA_E
 ClientSampleId :
 EB02-20181211

Tgt Ion:330 Resp: 343
 Ion Ratio Lower Upper
 330 100
 332 89.8 76.2 114.4
 141 41.1 39.0 58.4

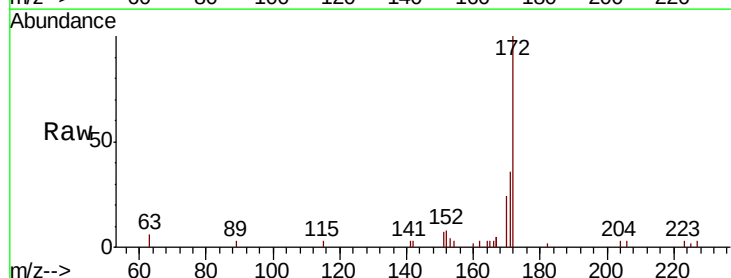


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

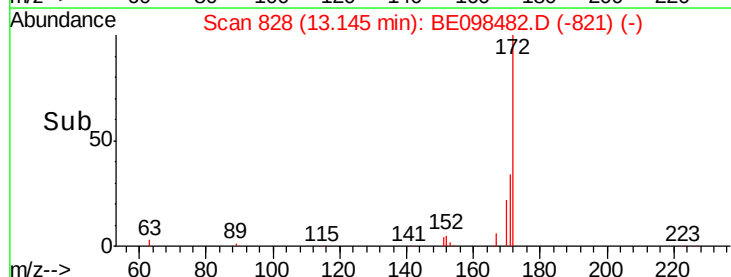
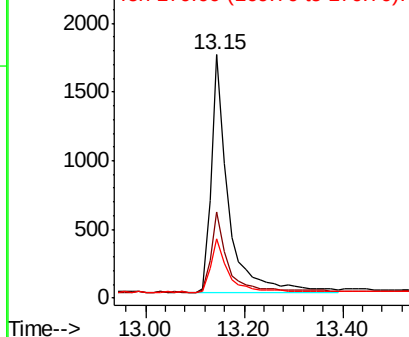


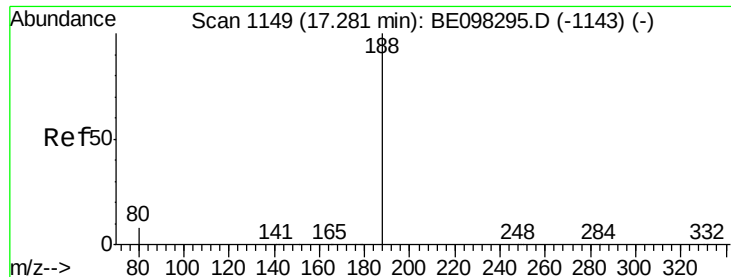
#15
 2-Fluorobiphenyl
 Concen: 0.426 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098482.D
 Acq: 15 Dec 2018 21:15

Tgt Ion:172 Resp: 4122
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.5 41.3
 170 24.3 19.6 29.4



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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

EB02-20181211

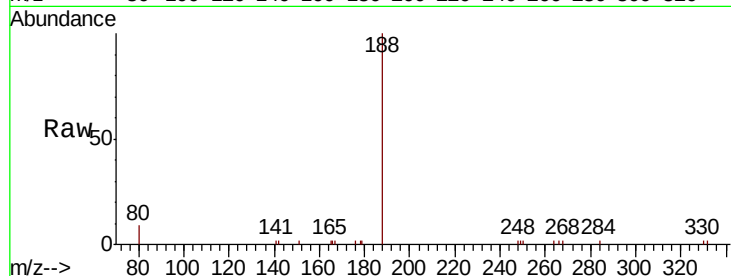
Tgt Ion:188 Resp: 5907

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

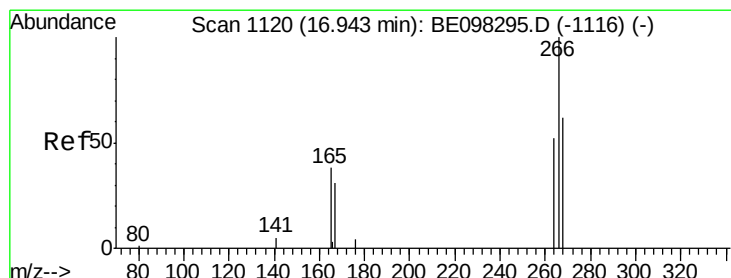
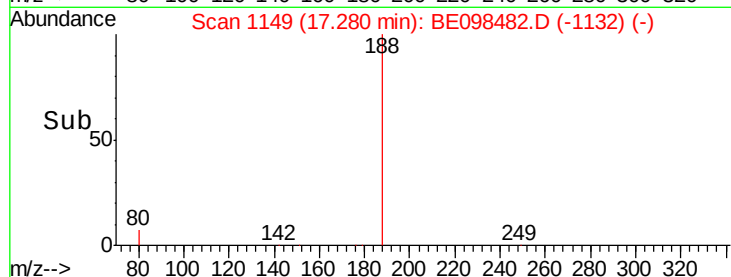
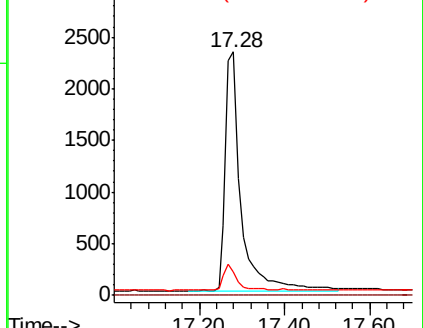
80 9.4 7.2 10.8



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



#22

Pentachlorophenol

Concen: 0.022 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

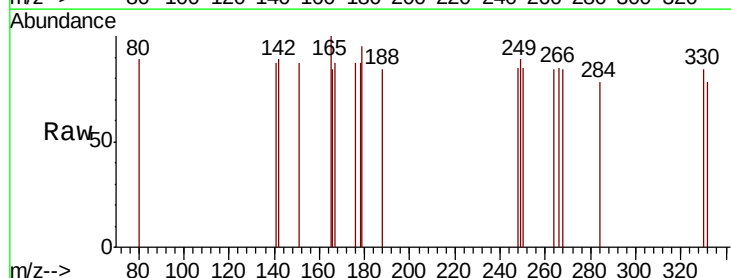
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 97.9 59.0 88.4#

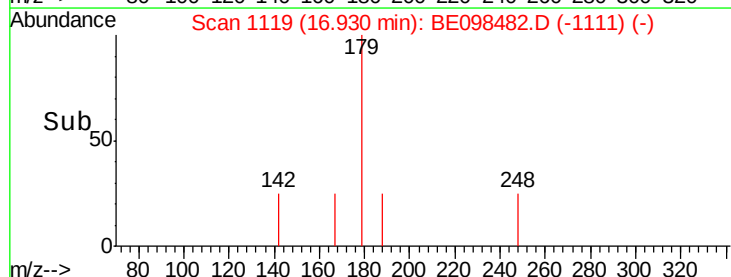
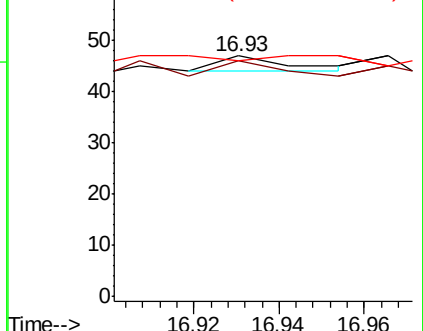
268 97.9 55.1 82.7#

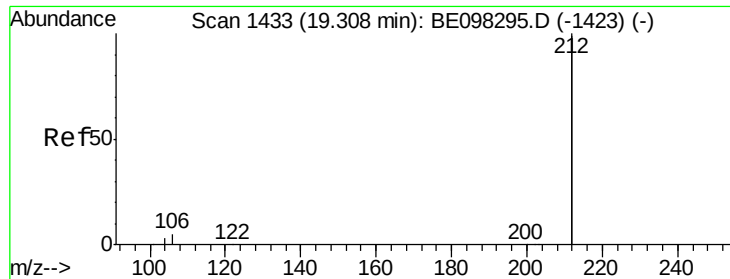


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.480 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

Instrument :

BNA_E

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EB02-20181211

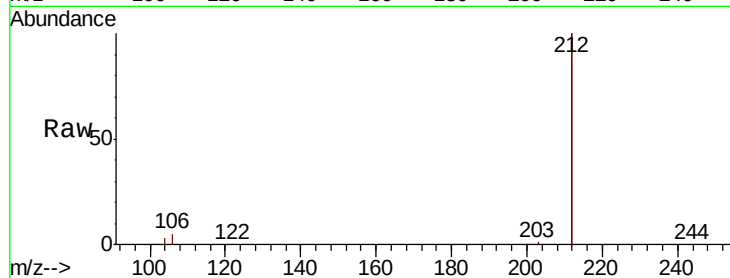
Tgt Ion:212 Resp: 36384

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

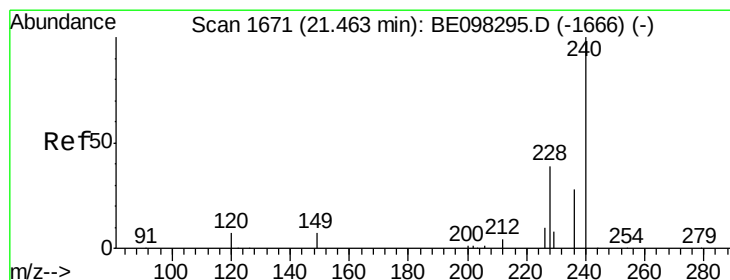
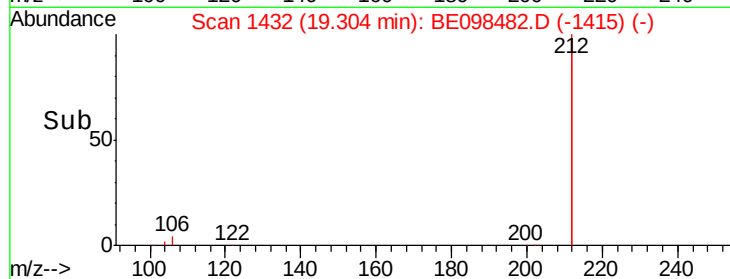
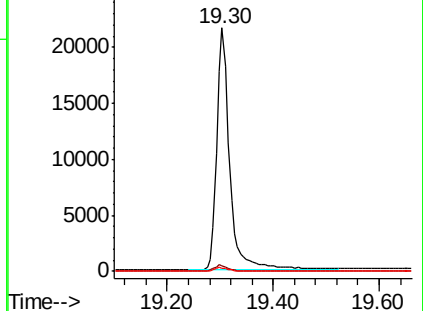
104 1.3 1.3 1.9



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

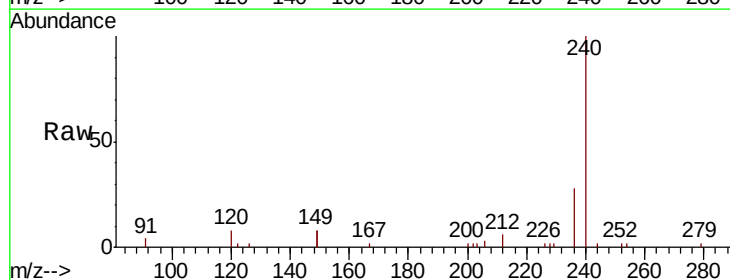
Tgt Ion:240 Resp: 6590

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

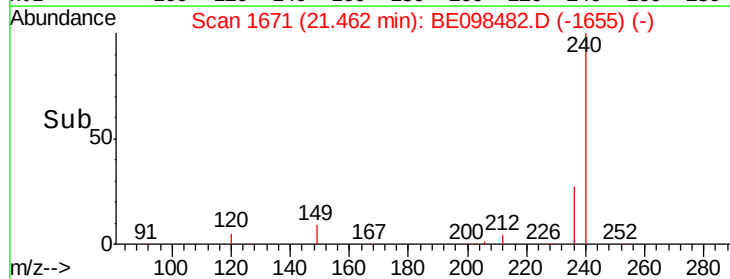
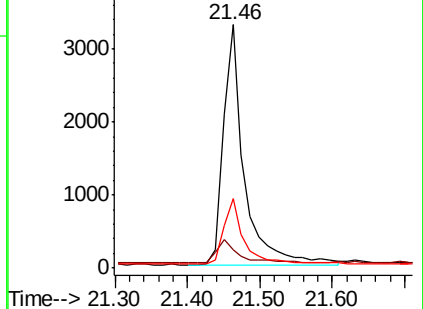
236 28.3 22.7 34.1

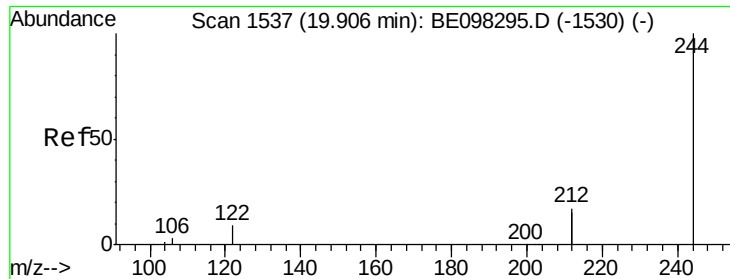


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.444 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

EB02-20181211

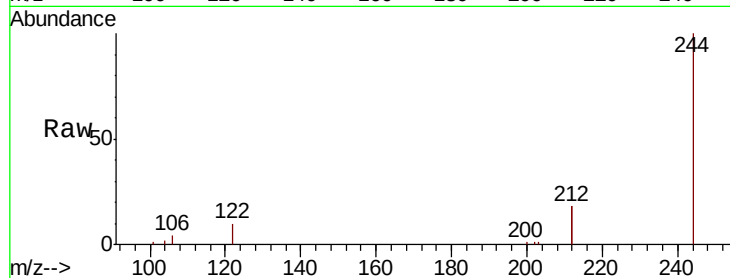
Tgt Ion:244 Resp: 7105

Ion Ratio Lower Upper

244 100

212 36.9 27.4 41.0

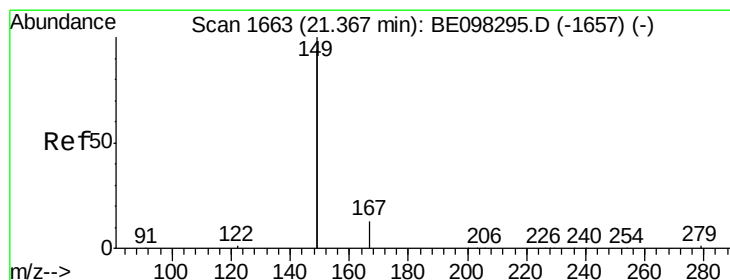
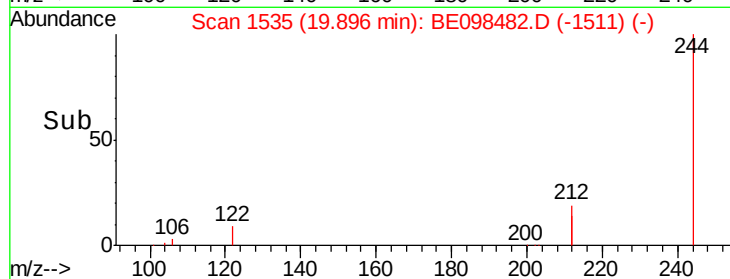
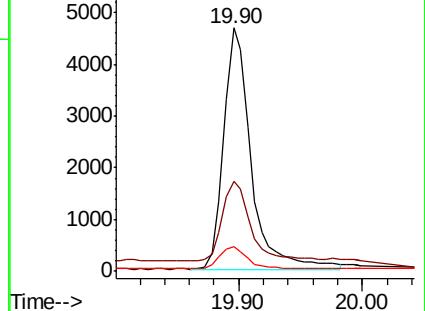
122 10.1 8.3 12.5



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: 0.060 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

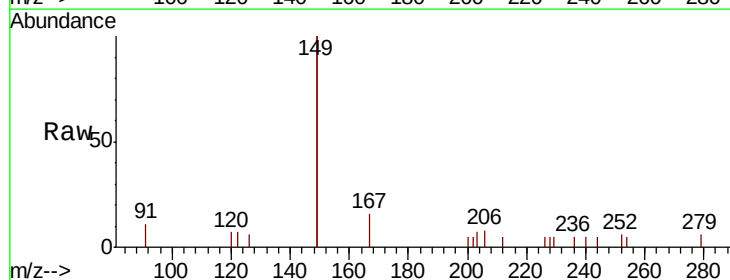
Tgt Ion:149 Resp: 2298

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

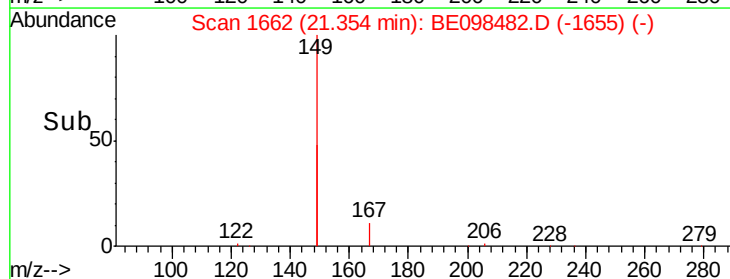
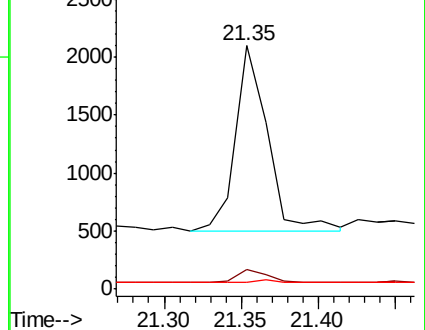
279 1.6 1.0 1.4#

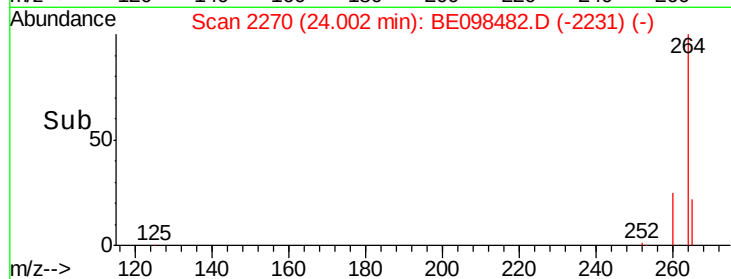
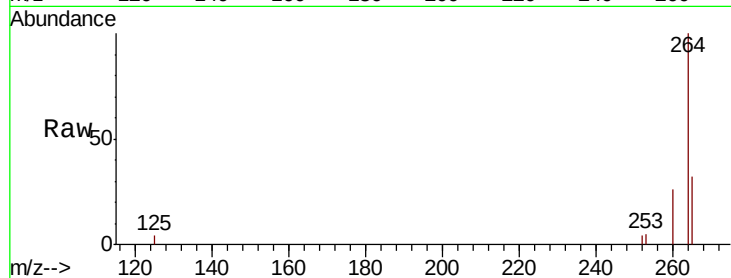
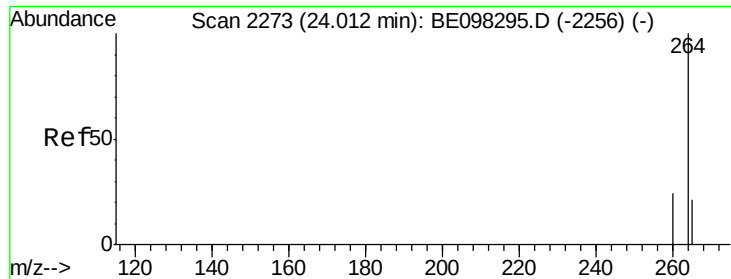


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098482.D

Acq: 15 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

EB02-20181211

Tgt Ion: 264 Resp: 6259

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

265 31.8 25.2 37.8

