

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098401.D
 Acq On : 13 Dec 2018 17:44
 Operator : SJ/JU
 Sample : J6323-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D3-20181206

Quant Time: Dec 13 20:47:33 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

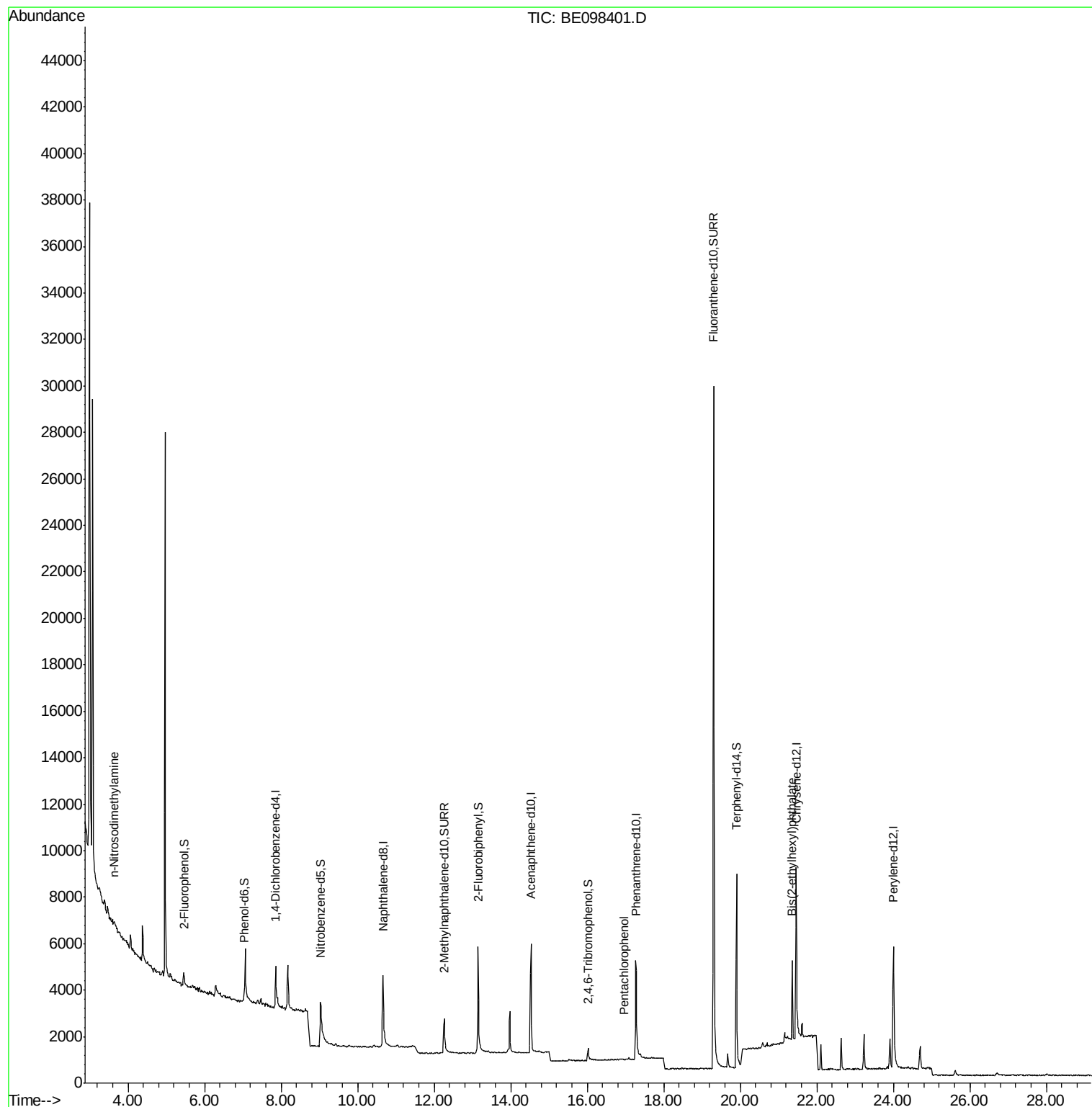
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1236	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5061	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3314	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	8059	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	10018	0.40	ng	0.00
34) Perylene-d12	24.00	264	9755	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	433	0.15	ng	0.01
5) Phenol-d6	7.04	99	388	0.09	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1588	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3103	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	464	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5760	0.41	ng	0.00
25) Fluoranthene-d10	19.30	212	45230	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	9033	0.37	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.64	42	58	0.030	ng	# 100
22) Pentachlorophenol	16.97	266	3	0.020	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.35	149	4684	0.081	ng	# 100

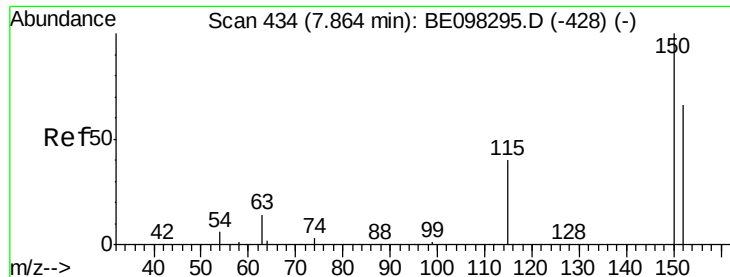
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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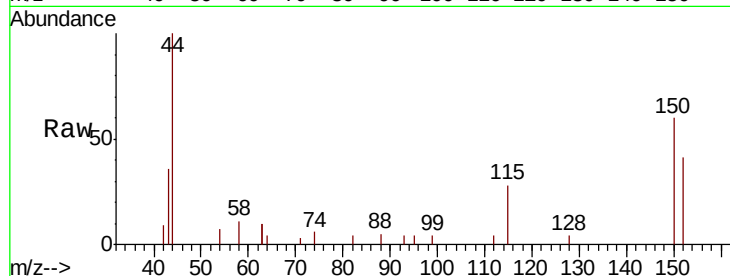


#1

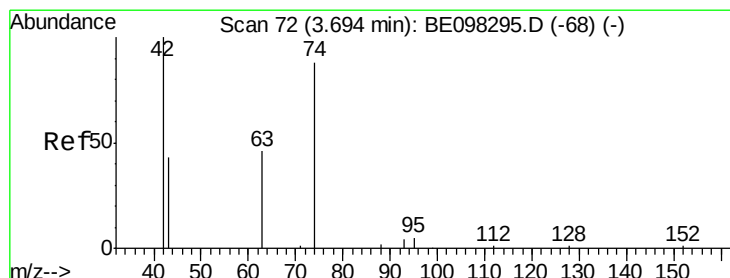
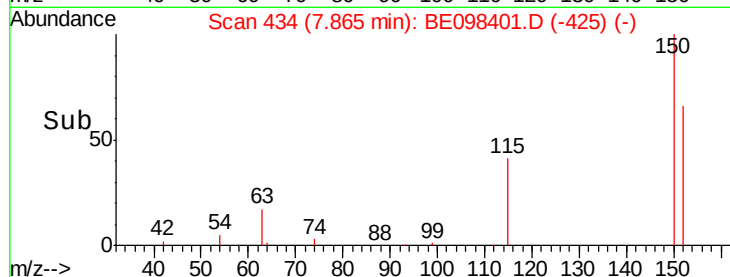
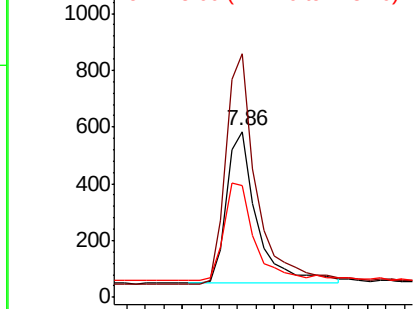
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098401.D
Acq: 13 Dec 2018 17:44

Instrument :
BNA_E
ClientSampleId :
RE-104D3-20181206

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.9	124.2	186.4
115	67.5	53.9	80.9



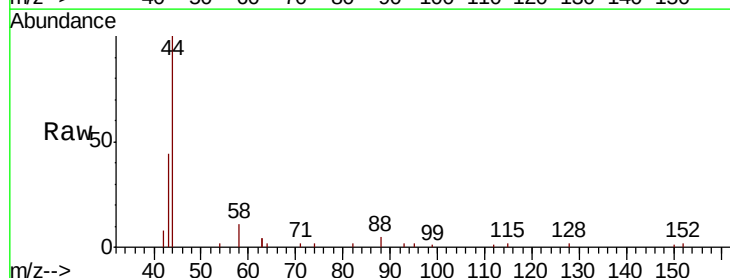
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



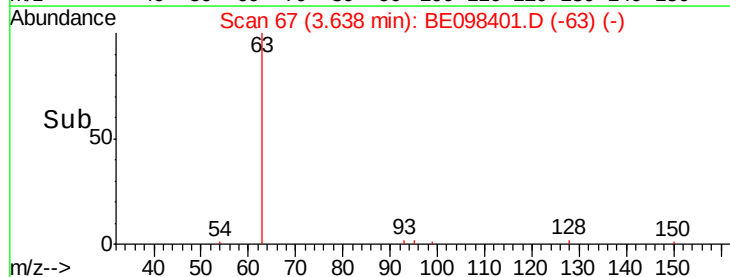
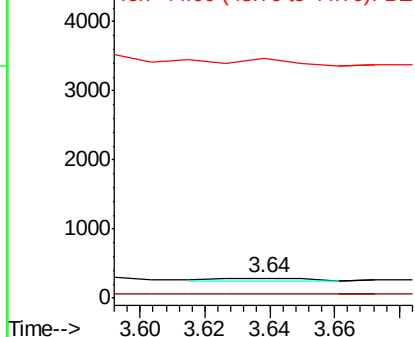
#3

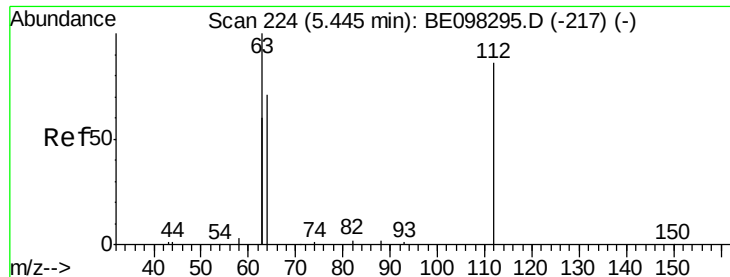
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.06 min
Lab File: BE098401.D
Acq: 13 Dec 2018 17:44

Tgt 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: 0.150 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098401.D

Acq: 13 Dec 2018 17:44

Instrument :

BNA_E

ClientSampleId :

RE-104D3-20181206

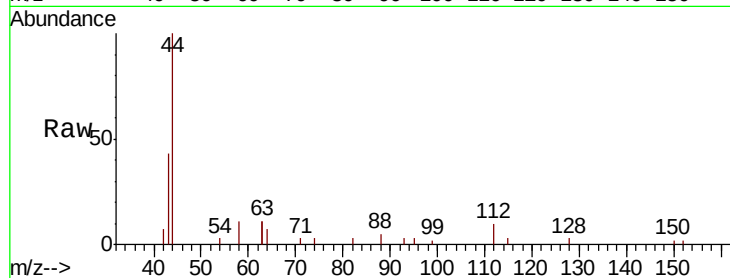
Tgt Ion: 112 Resp: 433

Ion Ratio Lower Upper

112 100

64 76.7 59.8 89.8

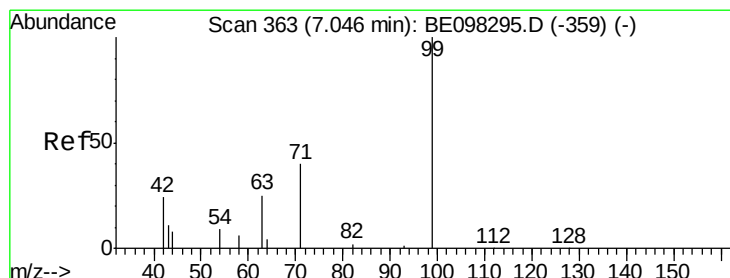
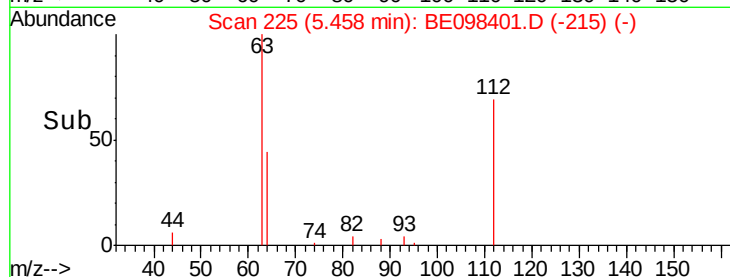
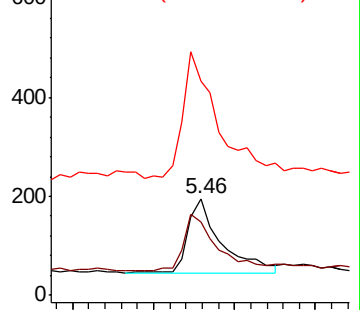
63 188.7 133.7 200.5



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



#5

Phenol-d6

Concen: 0.095 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098401.D

Acq: 13 Dec 2018 17:44

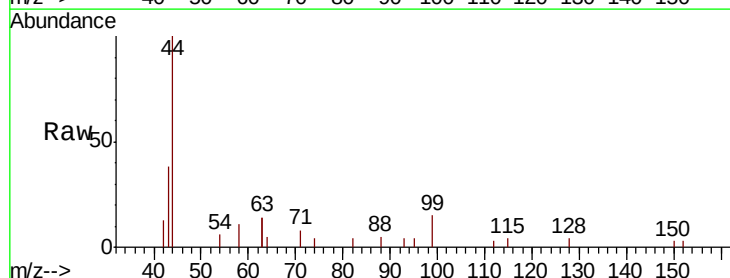
Tgt Ion: 99 Resp: 388

Ion Ratio Lower Upper

99 100

42 66.8 26.3 39.5#

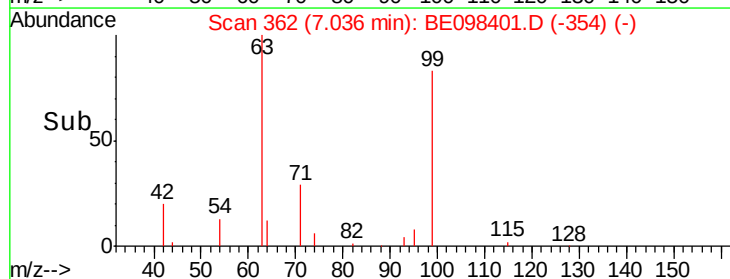
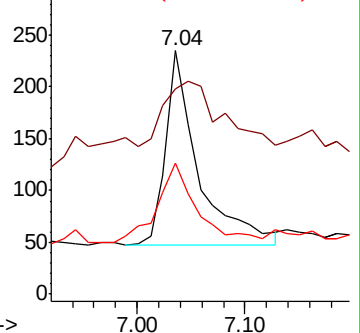
71 50.0 33.6 50.4

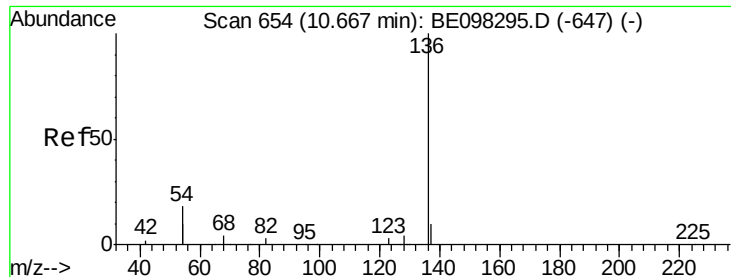


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098401.D

Acq: 13 Dec 2018 17:44

Instrument :

BNA_E

ClientSampleId :

RE-104D3-20181206

Tgt Ion:136 Resp: 5061

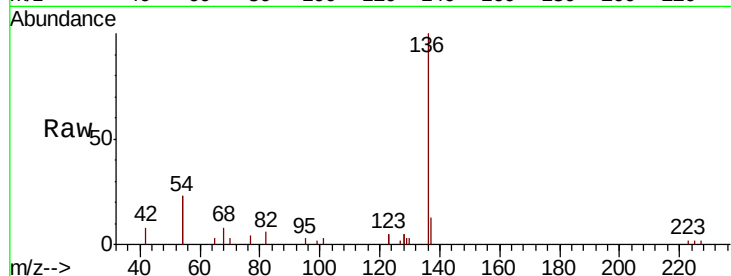
Ion Ratio Lower Upper

136 100

137 12.9 9.2 13.8

54 45.8 28.4 42.6

68 7.8 5.4 8.0

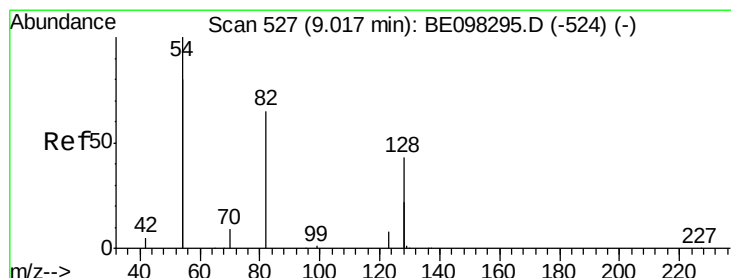
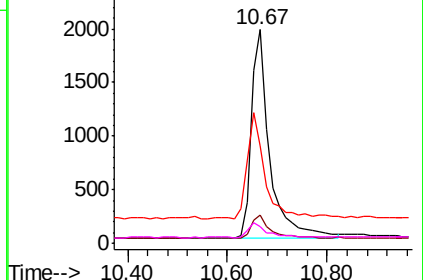
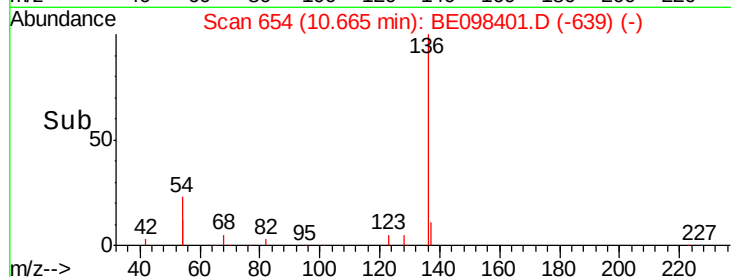


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.345 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098401.D

Acq: 13 Dec 2018 17:44

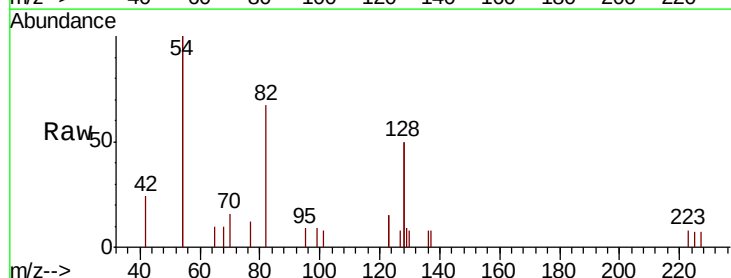
Tgt Ion: 82 Resp: 1588

Ion Ratio Lower Upper

82 100

128 151.1 102.4 153.6

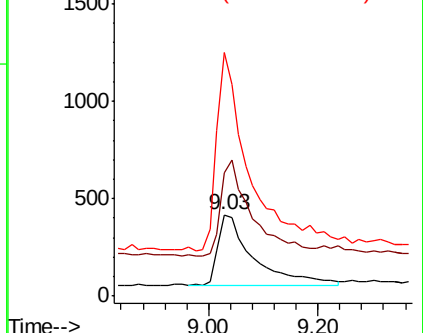
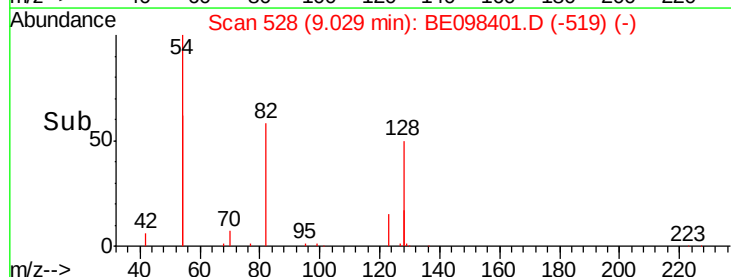
54 299.8 221.8 332.8

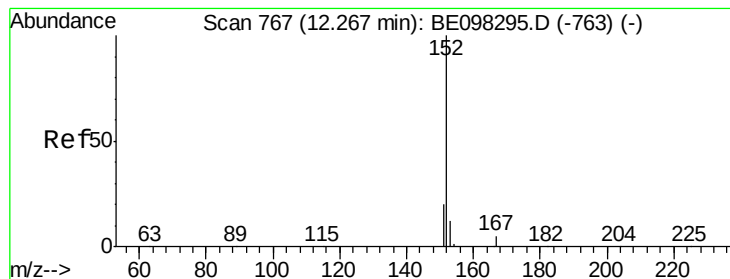


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.377 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098401.D

Acq: 13 Dec 2018 17:44

Instrument :

BNA_E

ClientSampleId :

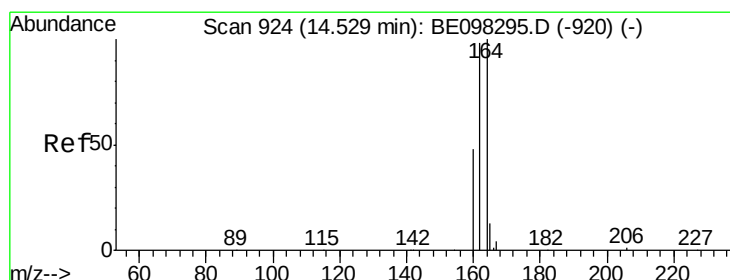
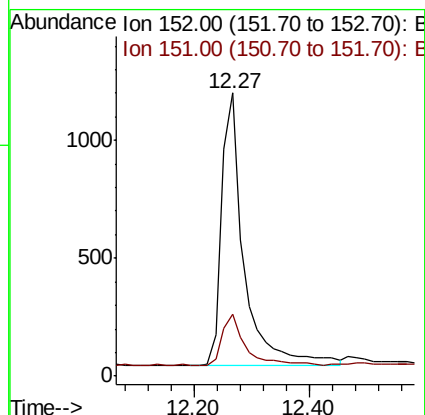
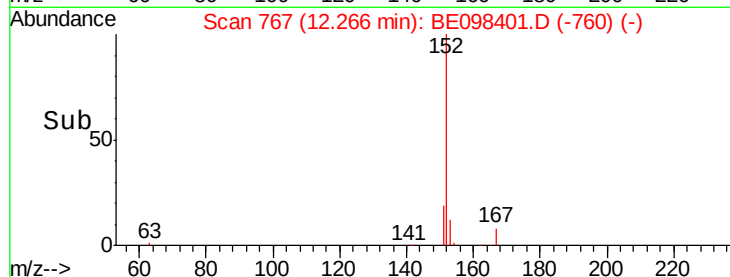
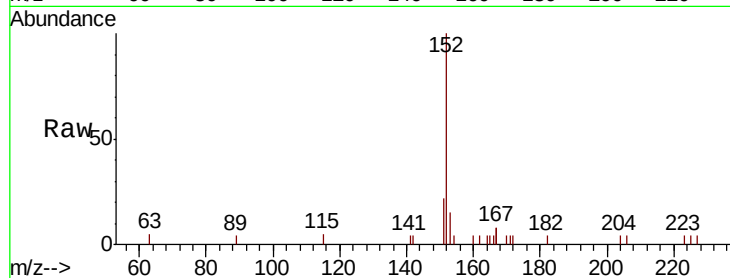
RE-104D3-20181206

Tgt Ion:152 Resp: 3103

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098401.D

Acq: 13 Dec 2018 17:44

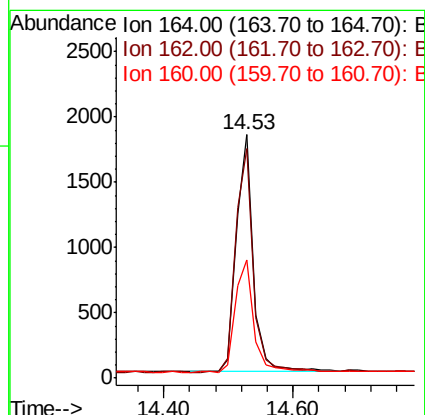
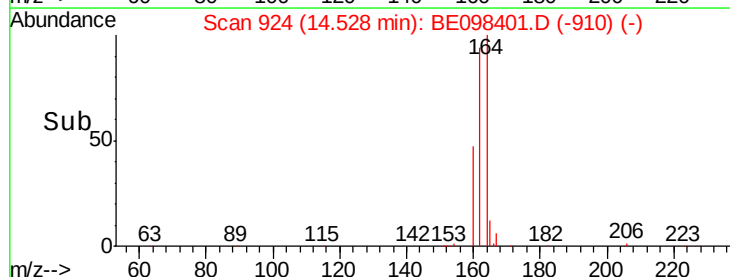
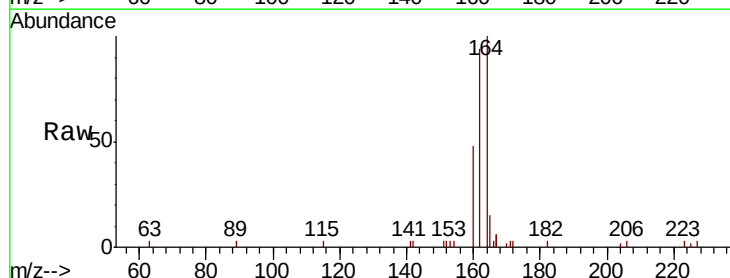
Tgt Ion:164 Resp: 3314

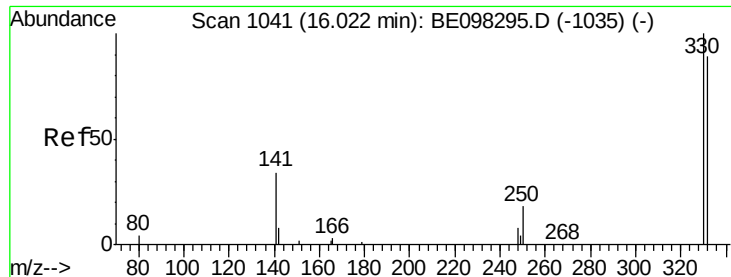
Ion Ratio Lower Upper

164 100

162 94.1 77.6 116.4

160 48.3 36.0 54.0

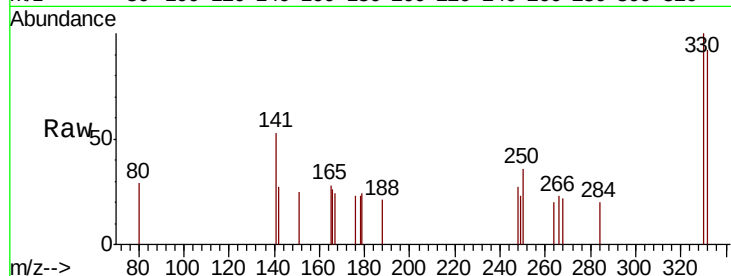




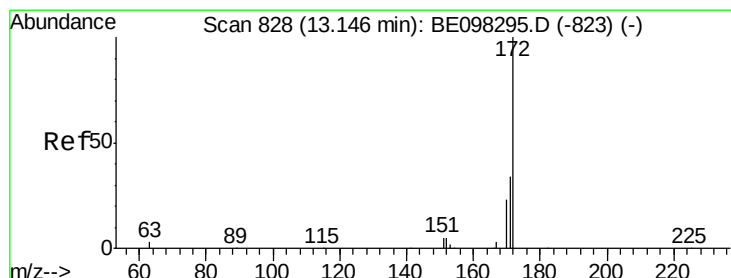
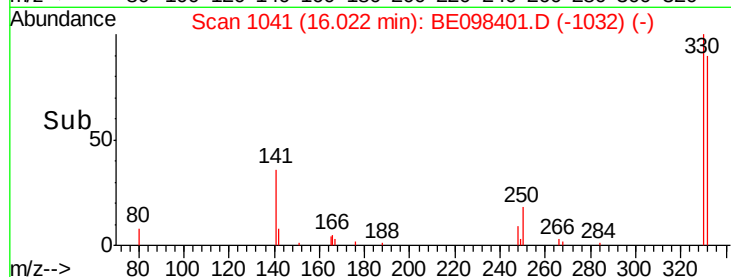
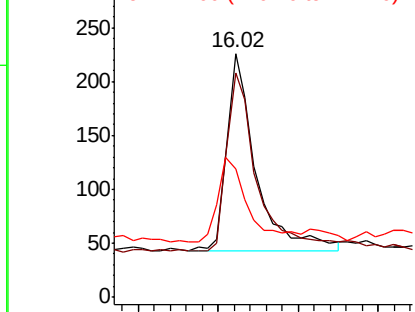
#14
 2,4,6-Tribromophenol
 Concen: 0.381 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098401.D
 Acq: 13 Dec 2018 17:44

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D3-20181206

Tgt Ion: 330 Resp: 464
 Ion Ratio Lower Upper
 330 100
 332 101.1 76.2 114.4
 141 44.8 39.0 58.4

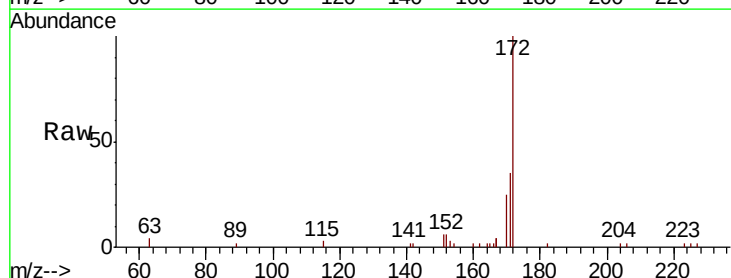


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

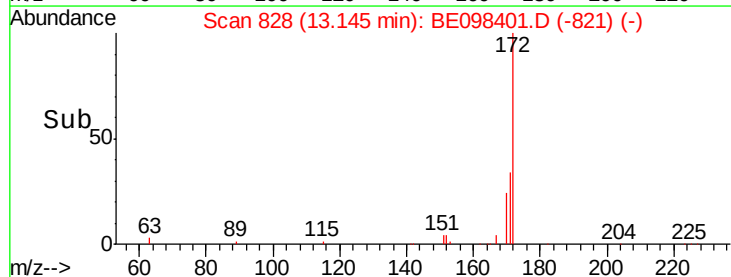
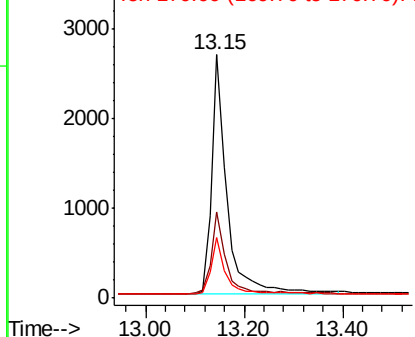


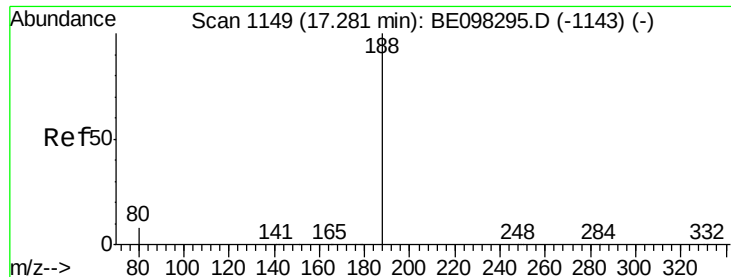
#15
 2-Fluorobiphenyl
 Concen: 0.412 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098401.D
 Acq: 13 Dec 2018 17:44

Tgt Ion: 172 Resp: 5760
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.5 41.3
 170 24.9 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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098401.D

Acq: 13 Dec 2018 17:44

Instrument :

BNA_E

ClientSampleId :

RE-104D3-20181206

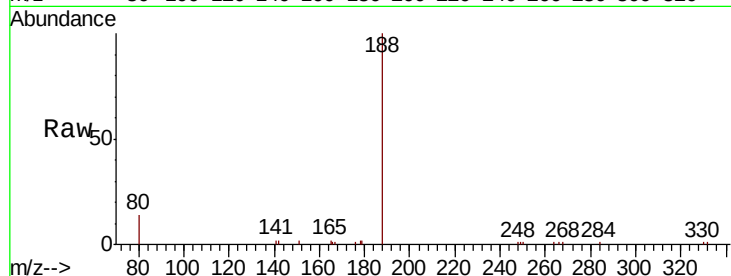
Tgt Ion:188 Resp: 8059

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

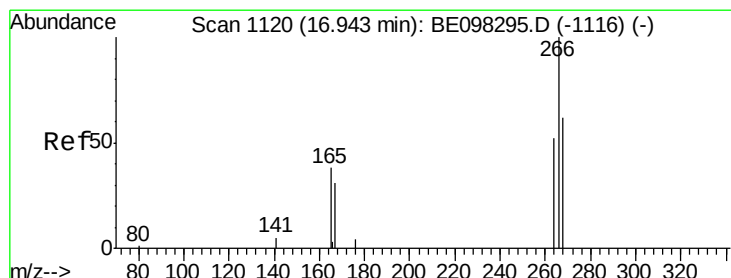
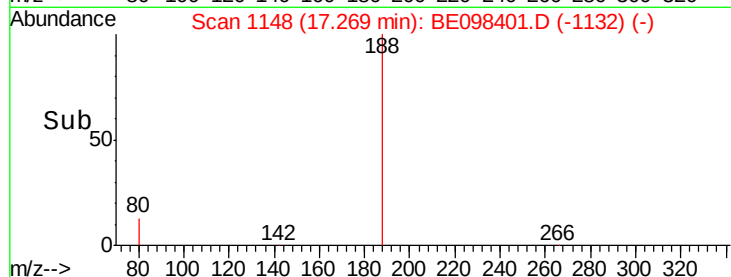
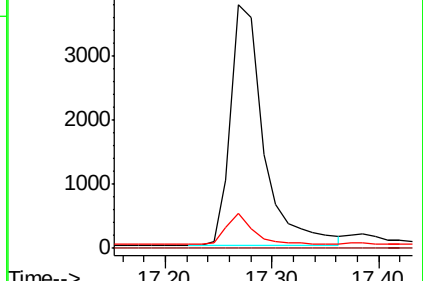
80 14.2 7.2 10.8#



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: 0.020 ng

RT: 16.97 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BE098401.D

Acq: 13 Dec 2018 17:44

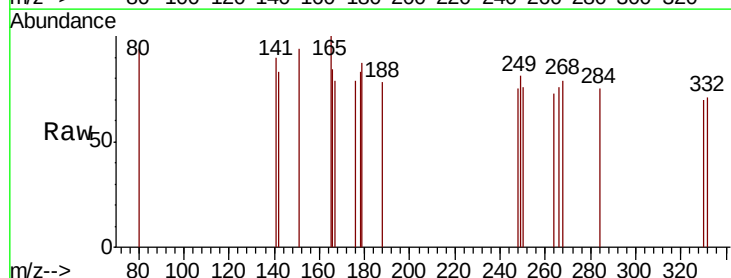
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 95.8 59.0 88.4#

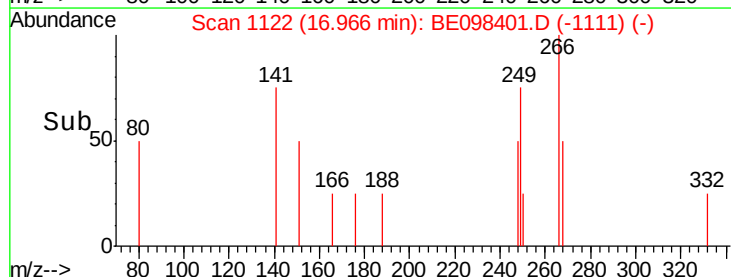
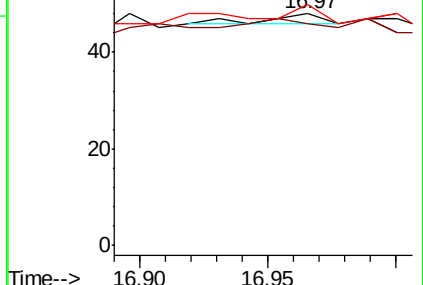
268 104.2 55.1 82.7#

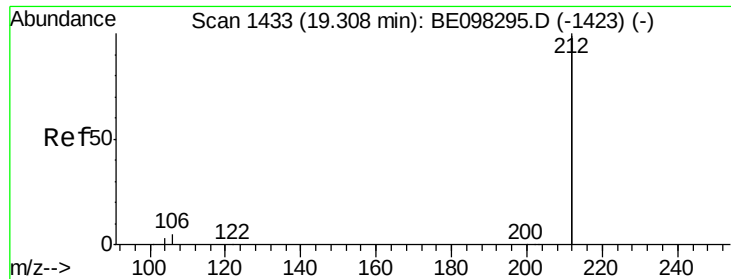


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

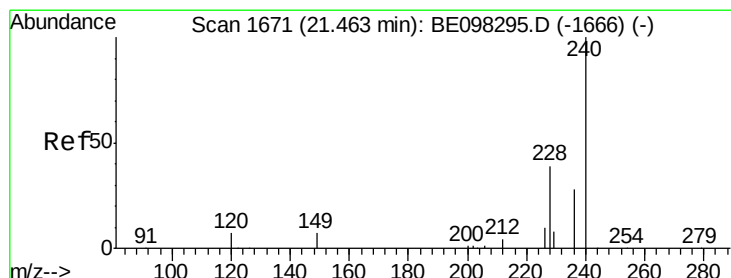
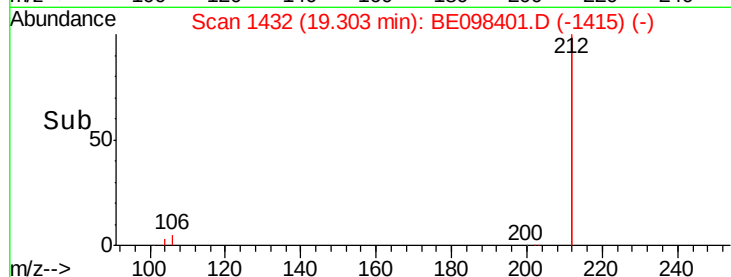
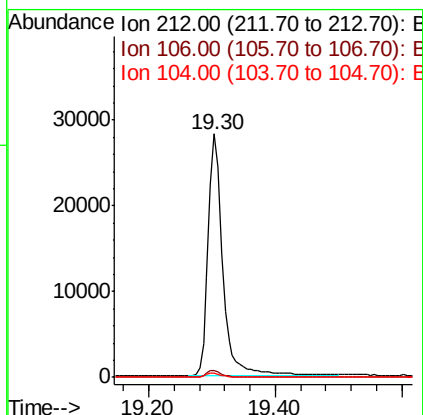
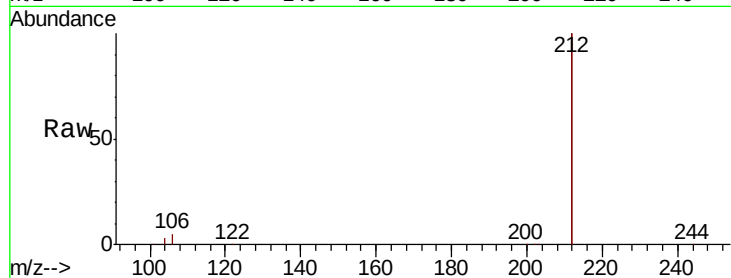




#25
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098401.D
Acq: 13 Dec 2018 17:44

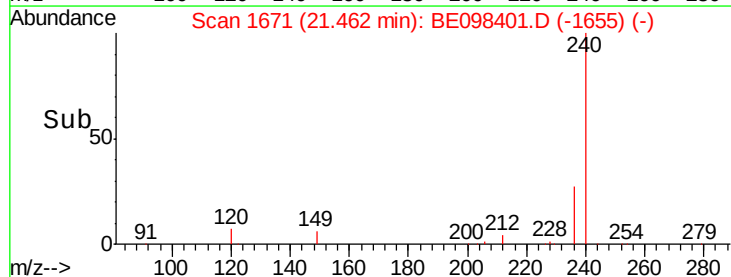
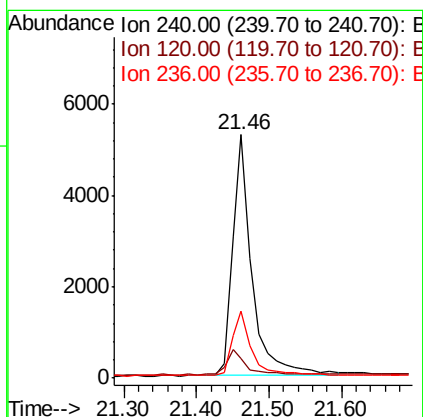
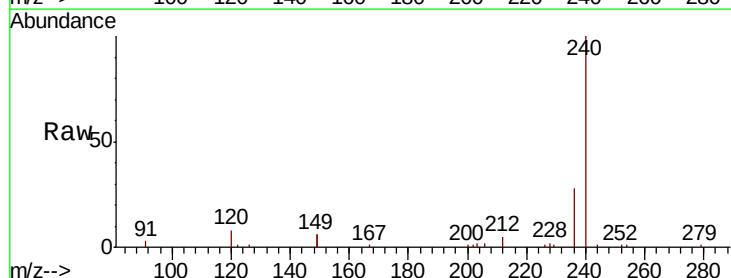
Instrument :
BNA_E
ClientSampleId :
RE-104D3-20181206

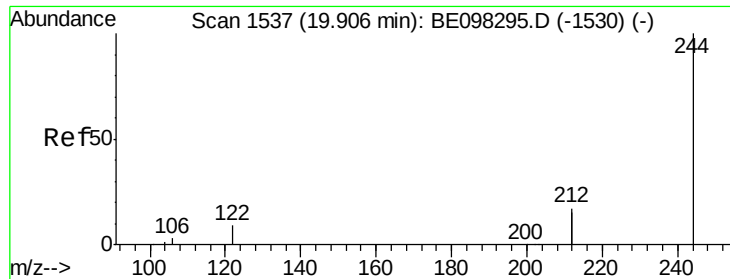
Tgt Ion: 212 Resp: 45230
Ion Ratio Lower Upper
212 100
106 2.6 2.2 3.2
104 1.5 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098401.D
Acq: 13 Dec 2018 17:44

Tgt Ion: 240 Resp: 10018
Ion Ratio Lower Upper
240 100
120 8.1 9.5 14.3#
236 27.5 22.7 34.1





#29

Terphenyl-d14

Concen: 0.371 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098401.D

Acq: 13 Dec 2018 17:44

Instrument :

BNA_E

ClientSampleId :

RE-104D3-20181206

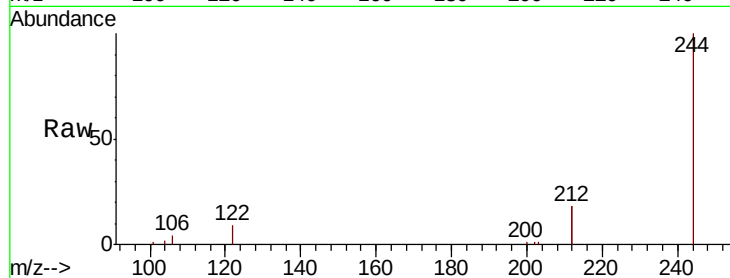
Tgt Ion:244 Resp: 9033

Ion Ratio Lower Upper

244 100

212 35.3 27.4 41.0

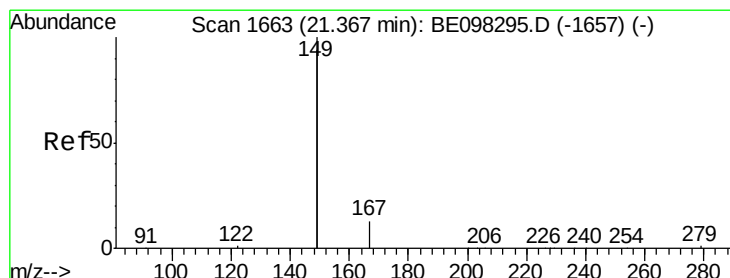
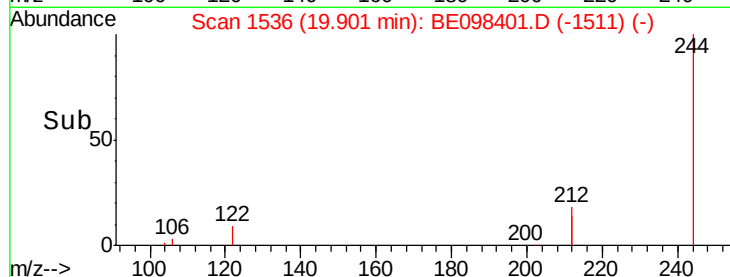
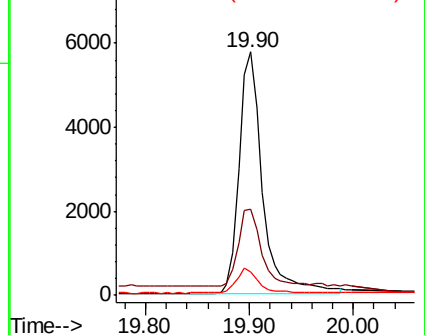
122 9.5 8.3 12.5



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: 0.081 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098401.D

Acq: 13 Dec 2018 17:44

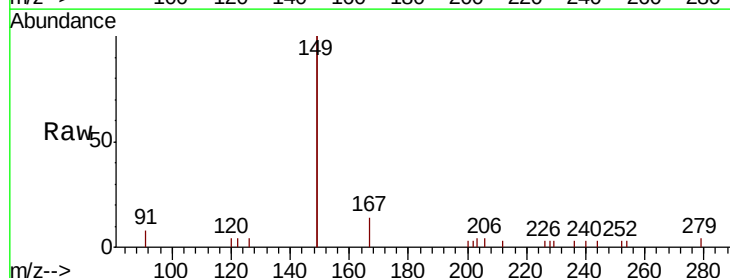
Tgt Ion:149 Resp: 4684

Ion Ratio Lower Upper

149 100

167 7.3 5.7 8.5

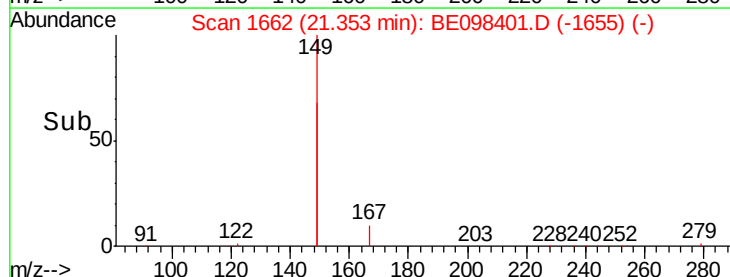
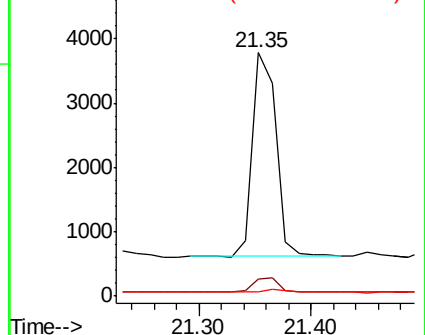
279 1.5 1.0 1.4#

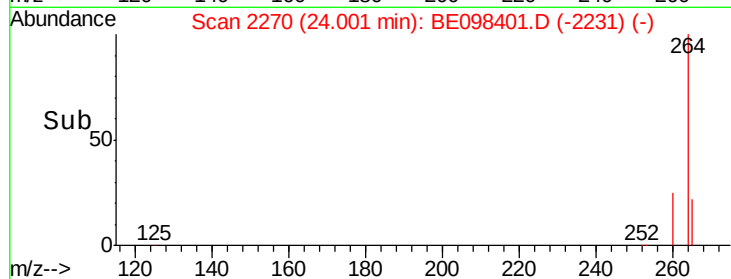
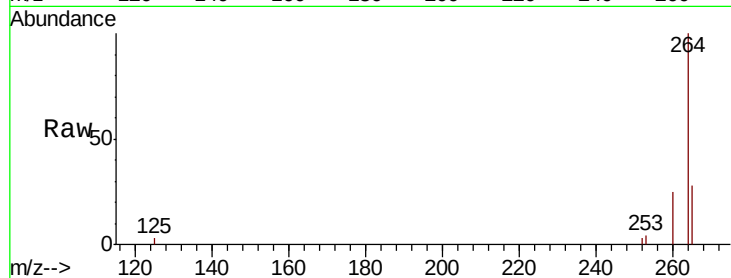
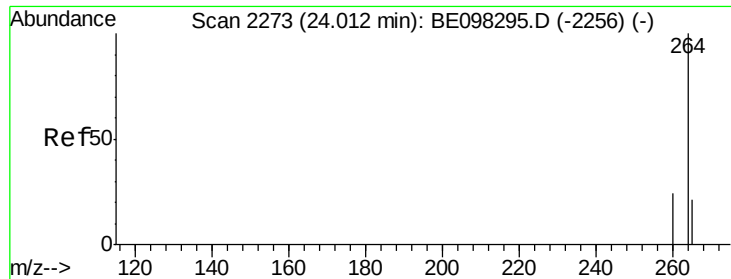


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098401.D

Acq: 13 Dec 2018 17:44

Instrument :

BNA_E

ClientSampleId :

RE-104D3-20181206

Tgt Ion:264 Resp: 9755

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 27.8 25.2 37.8

