

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098417.D
 Acq On : 14 Dec 2018 3:34
 Operator : SJ/JU
 Sample : J6324-10DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181206DL

Quant Time: Dec 14 06:08:47 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

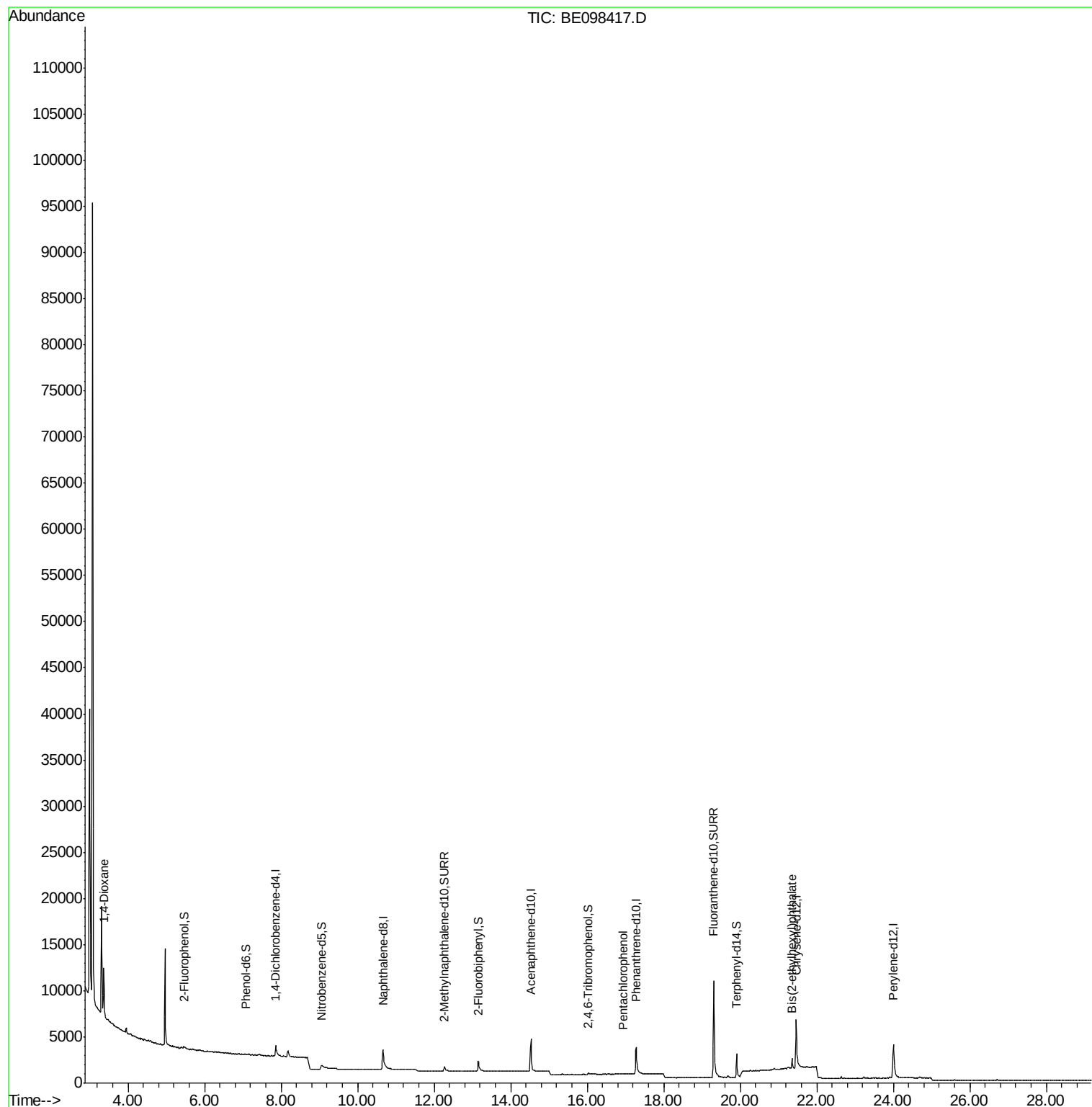
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	897	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4050	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2704	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7169	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8051	0.40	ng	0.00
34) Perylene-d12	24.01	264	7468	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	204	0.10	ng	0.01
5) Phenol-d6	7.08	99	119	0.04	ng	0.04
8) Nitrobenzene-d5	9.07	82	613	0.17	ng	0.05
11) 2-Methylnaphthalene-d10	12.27	152	1390	0.21	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	188	0.19	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	2246	0.20	ng	0.00
25) Fluoranthene-d10	19.31	212	20429	0.22	ng	0.00
29) Terphenyl-d14	19.90	244	3293	0.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	2753	1.775	ng	95
22) Pentachlorophenol	16.93	266	11	0.033	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.35	149	1431	0.031	ng	# 95

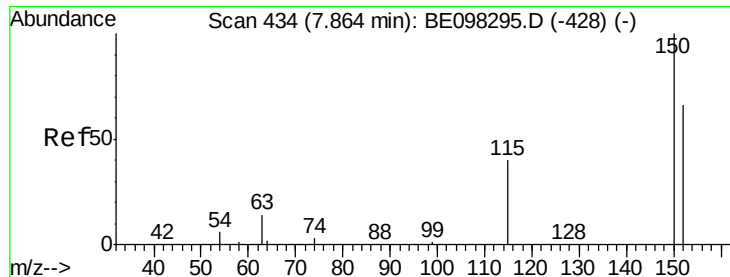
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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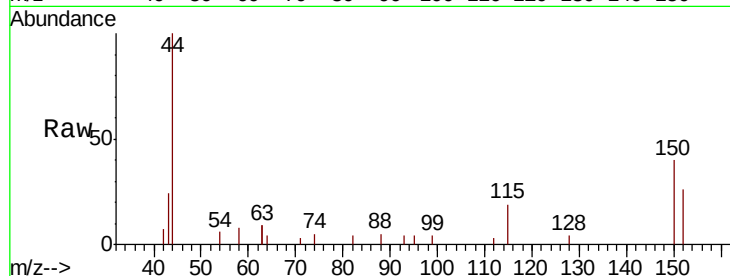


#1

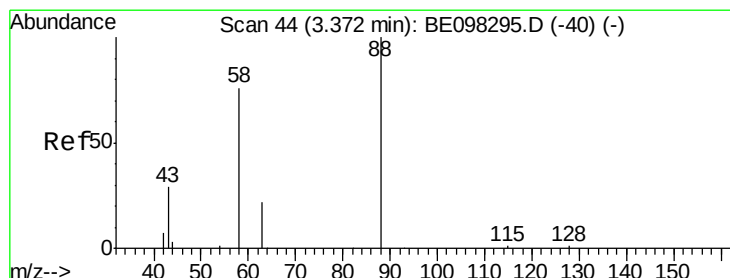
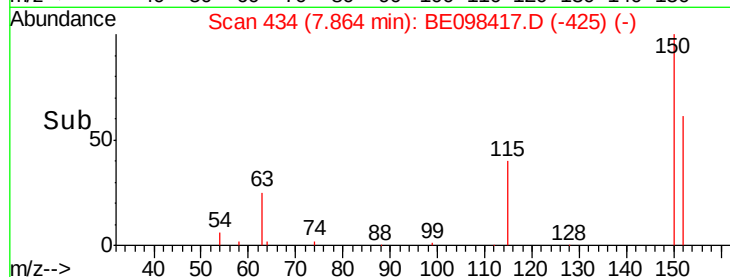
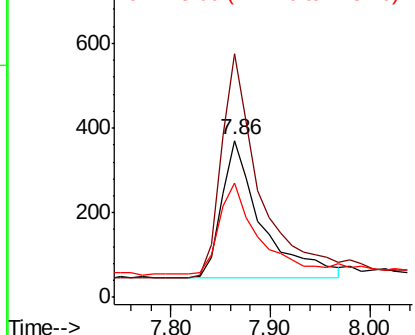
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098417.D
Acq: 14 Dec 2018 3:34

Instrument :
BNA_E
ClientSampleId :
RE-104D1-20181206DL

Tgt Ion: 152 Resp: 897
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.4
115 73.0 53.9 80.9



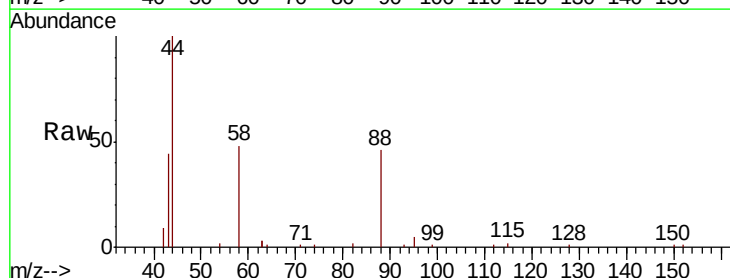
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



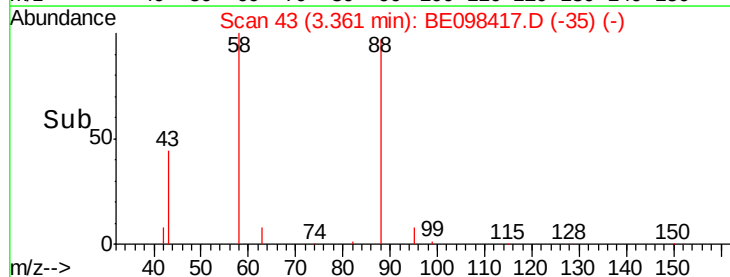
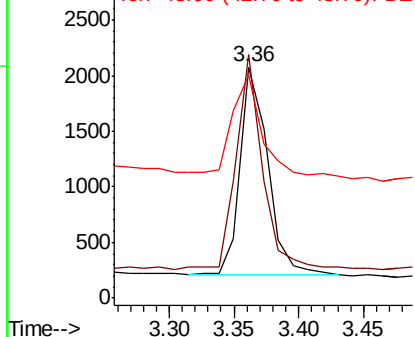
#2

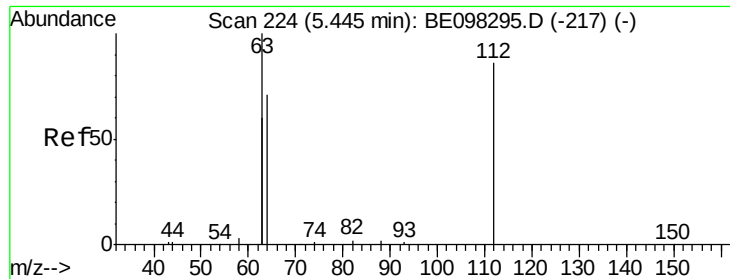
1,4-Dioxane
Concen: 1.775 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098417.D
Acq: 14 Dec 2018 3:34

Tgt Ion: 88 Resp: 2753
Ion Ratio Lower Upper
88 100
58 98.9 75.0 112.6
43 51.1 38.3 57.5



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: 0.097 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098417.D

Acq: 14 Dec 2018 3:34

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181206DL

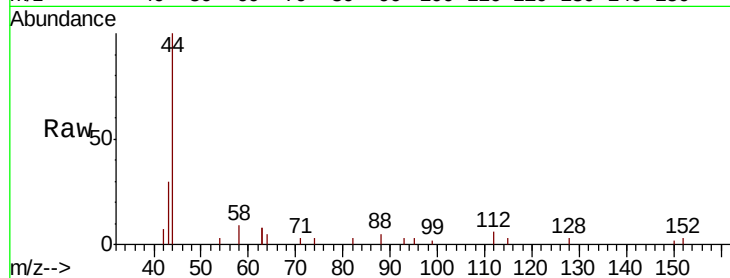
Tgt Ion: 112 Resp: 204

Ion Ratio Lower Upper

112 100

64 78.4 59.8 89.8

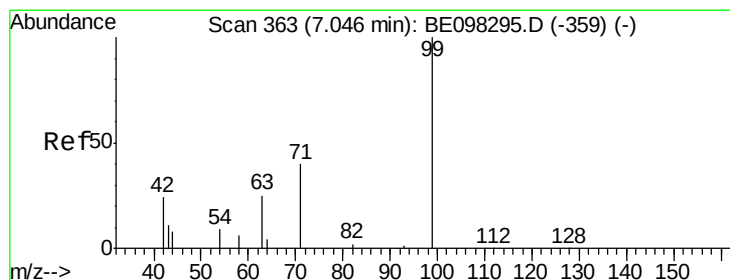
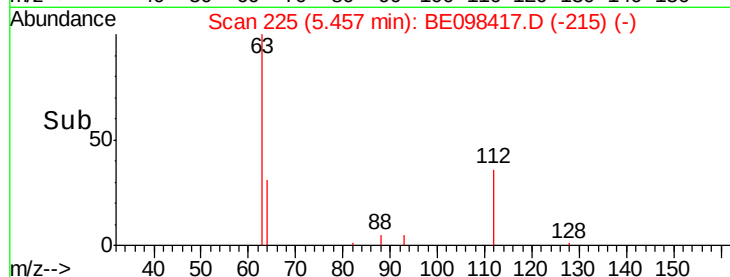
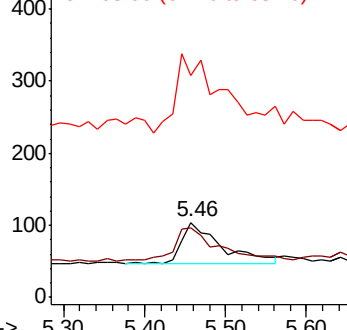
63 212.3 133.7 200.5#



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: 0.040 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.04 min

Lab File: BE098417.D

Acq: 14 Dec 2018 3:34

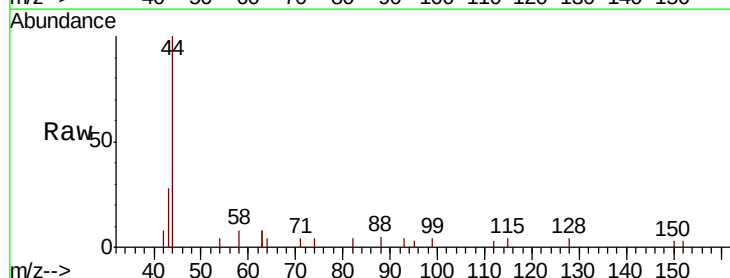
Tgt Ion: 99 Resp: 119

Ion Ratio Lower Upper

99 100

42 45.4 26.3 39.5#

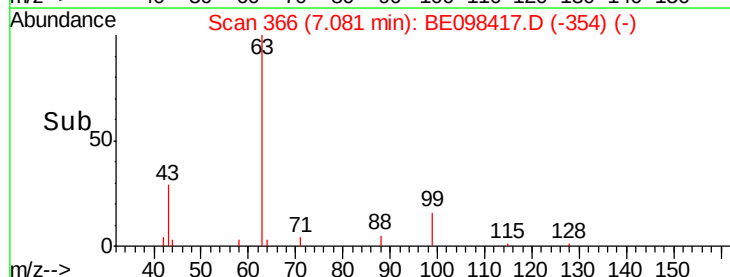
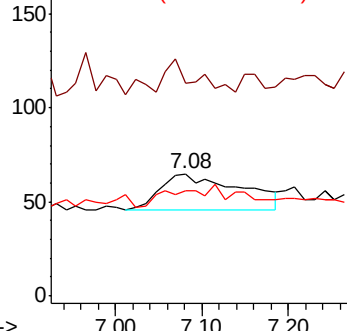
71 0.0 33.6 50.4#

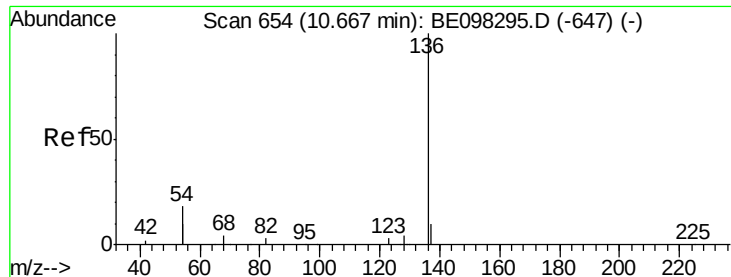


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098417.D

Acq: 14 Dec 2018 3:34

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181206DL

Tgt Ion: 136 Resp: 4050

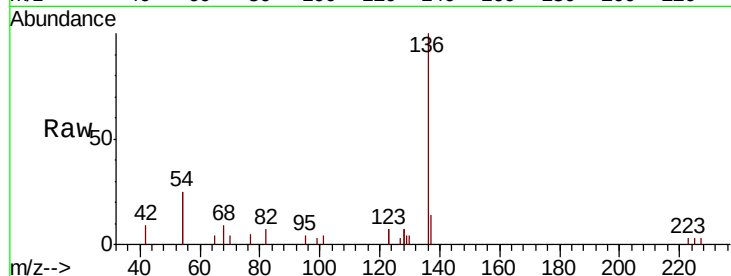
Ion Ratio Lower Upper

136 100

137 14.3 9.2 13.8#

54 49.4 28.4 42.6#

68 8.7 5.4 8.0#

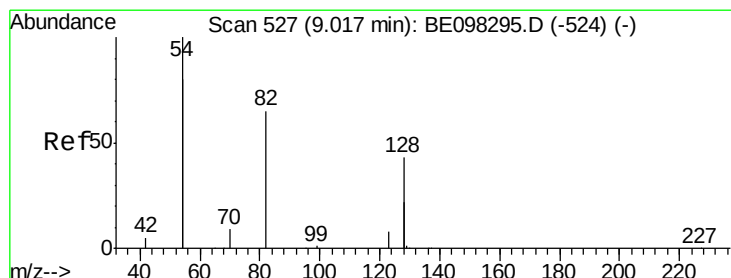
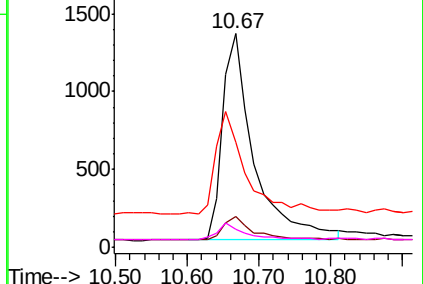
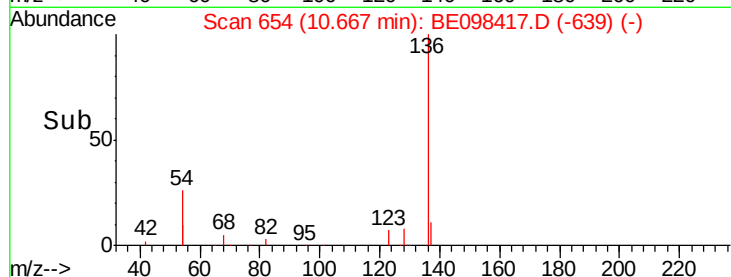


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.166 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.05 min

Lab File: BE098417.D

Acq: 14 Dec 2018 3:34

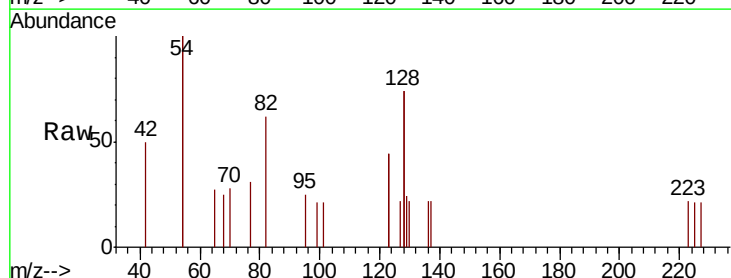
Tgt Ion: 82 Resp: 613

Ion Ratio Lower Upper

82 100

128 237.6 102.4 153.6#

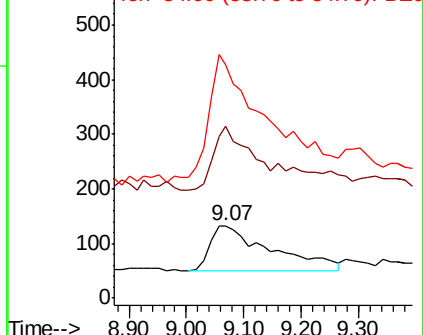
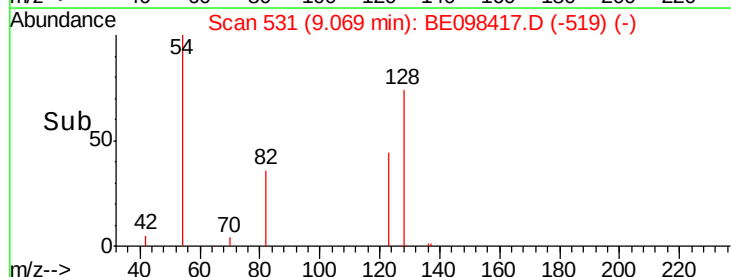
54 321.8 221.8 332.8

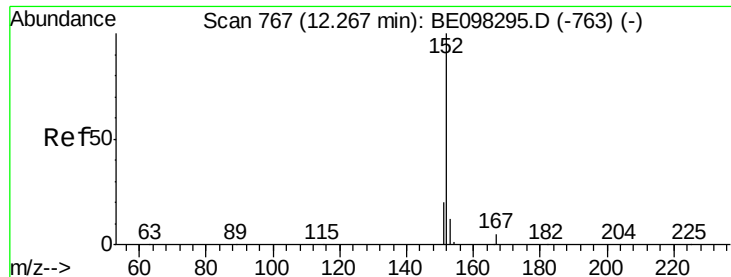


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

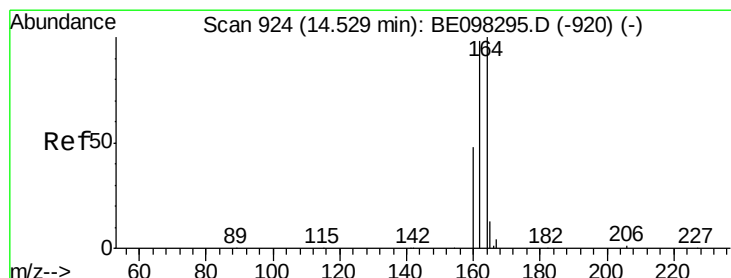
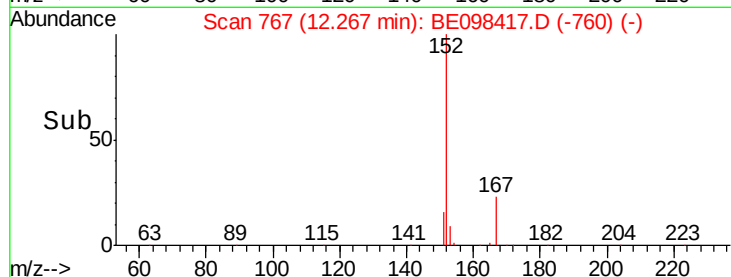
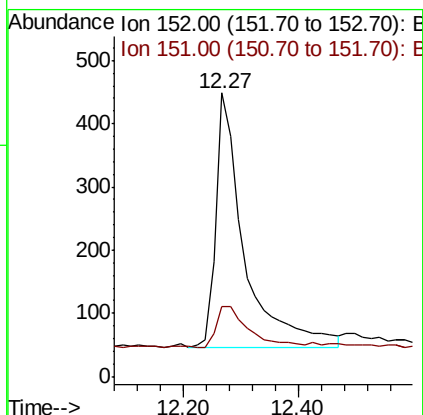
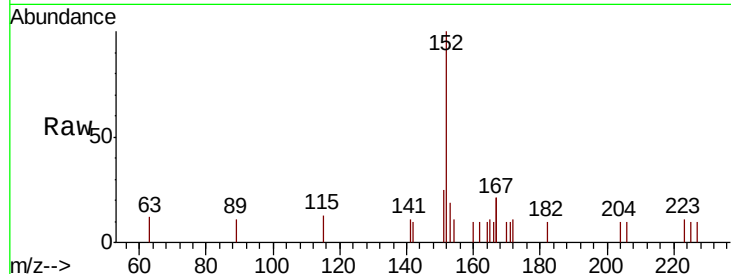




#11
 2-Methylnaphthalene-d10
 Concen: 0.211 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098417.D
 Acq: 14 Dec 2018 3:34

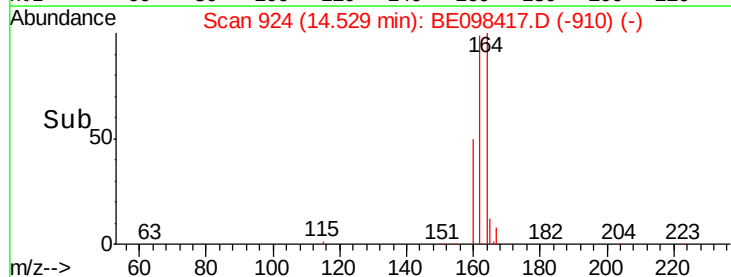
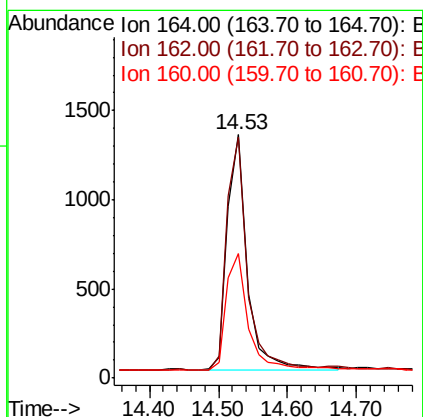
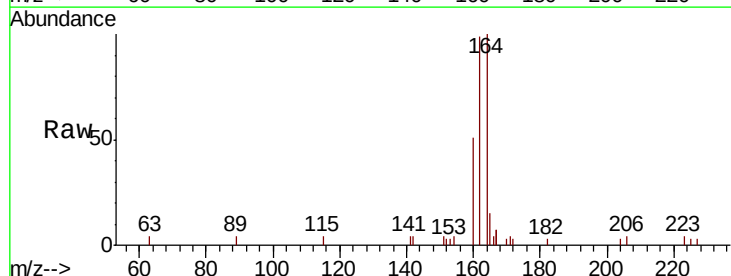
Instrument :
 BNA_E
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 RE-104D1-20181206DL

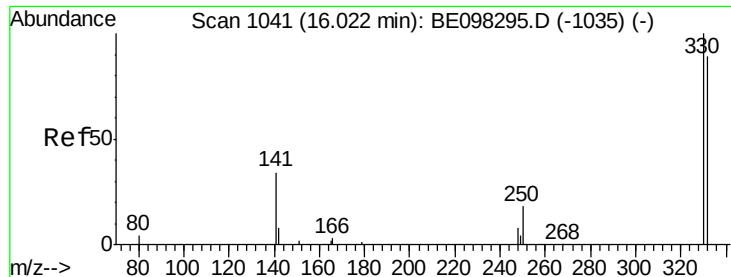
Tgt Ion:152 Resp: 1390
 Ion Ratio Lower Upper
 152 100
 151 18.2 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098417.D
 Acq: 14 Dec 2018 3:34

Tgt Ion:164 Resp: 2704
 Ion Ratio Lower Upper
 164 100
 162 98.9 77.6 116.4
 160 51.2 36.0 54.0

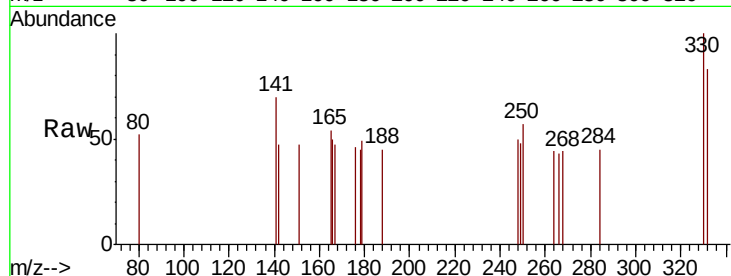




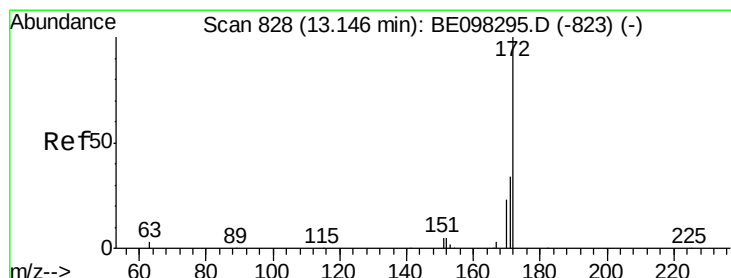
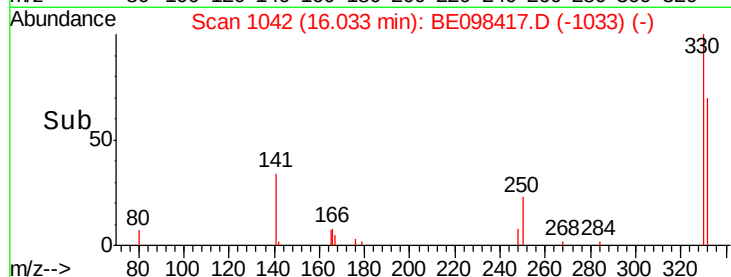
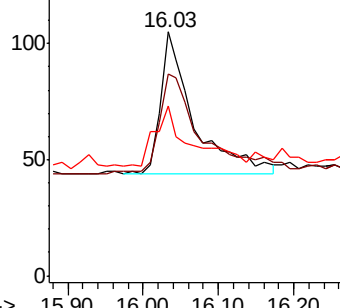
#14
 2,4,6-Tribromophenol
 Concen: 0.189 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098417.D
 Acq: 14 Dec 2018 3:34

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181206DL

Tgt Ion: 330 Resp: 188
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.2 114.4
 141 46.8 39.0 58.4

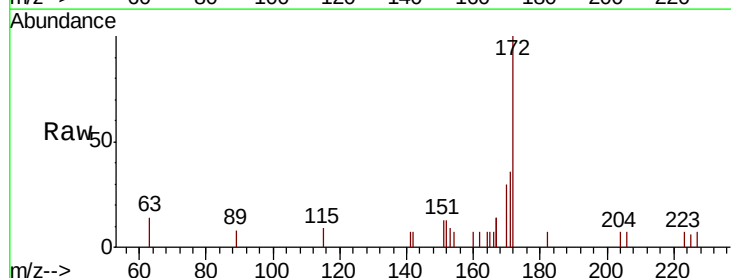


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

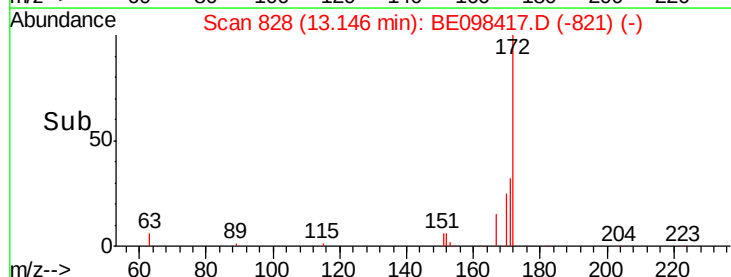
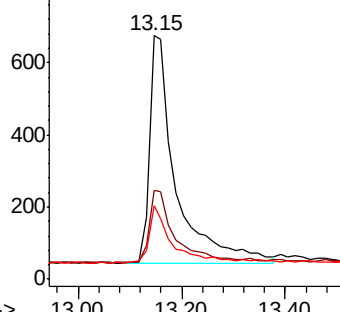


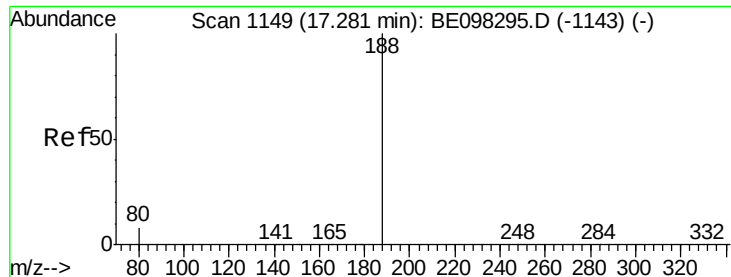
#15
 2-Fluorobiphenyl
 Concen: 0.197 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098417.D
 Acq: 14 Dec 2018 3:34

Tgt Ion: 172 Resp: 2246
 Ion Ratio Lower Upper
 172 100
 171 36.4 27.5 41.3
 170 30.4 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: BE098417.D

Acq: 14 Dec 2018 3:34

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181206DL

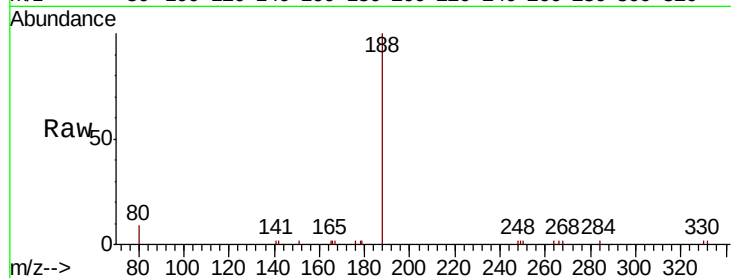
Tgt Ion:188 Resp: 7169

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

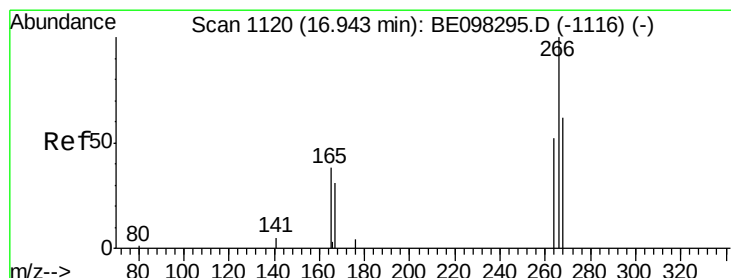
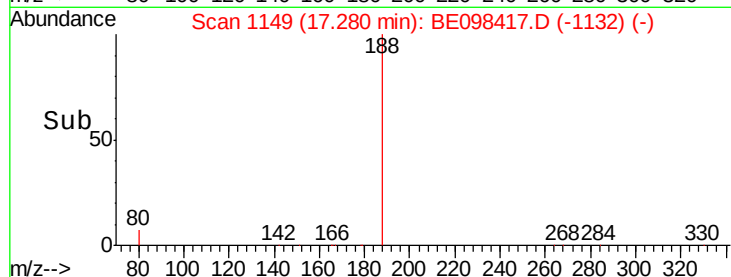
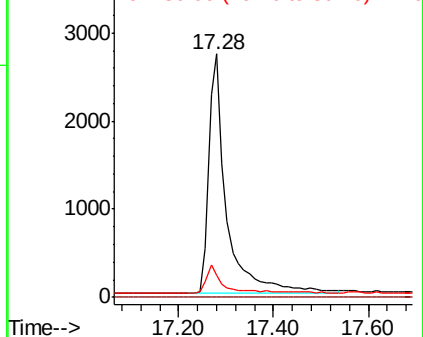
80 9.3 7.2 10.8



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: 0.033 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098417.D

Acq: 14 Dec 2018 3:34

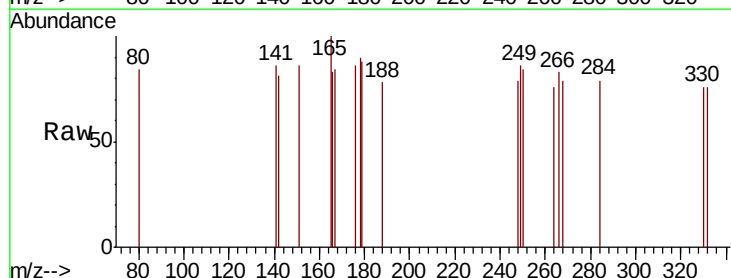
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 91.7 59.0 88.4#

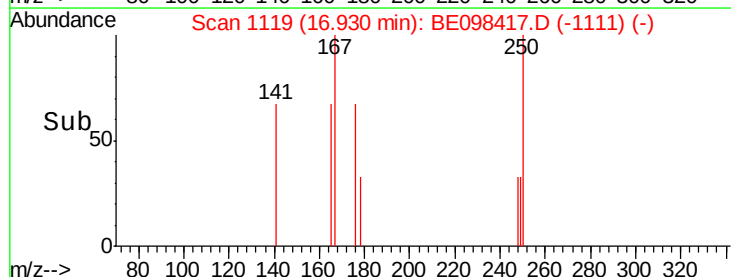
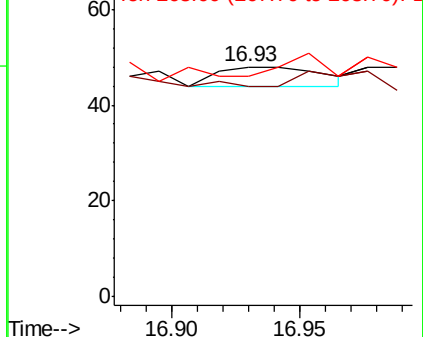
268 95.8 55.1 82.7#

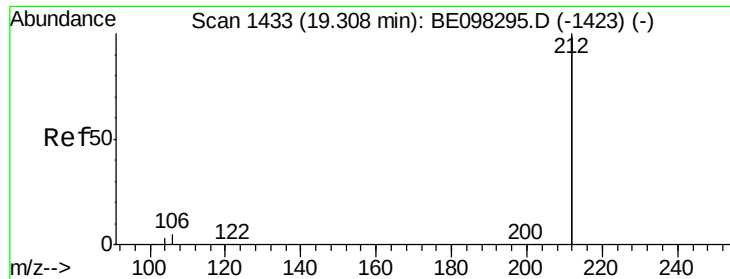


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

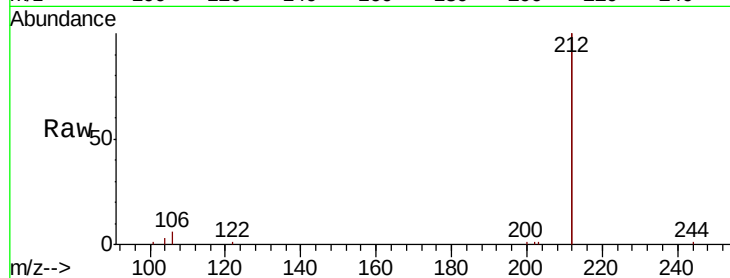




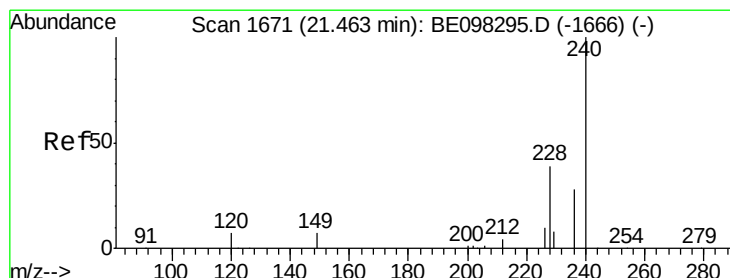
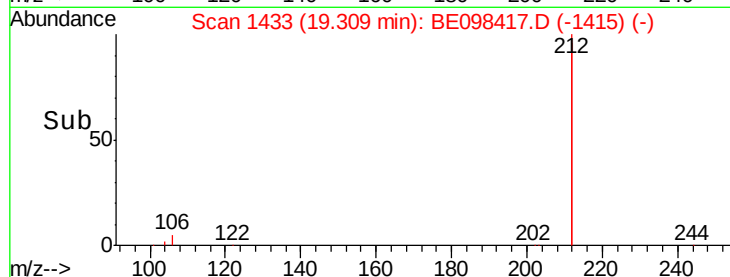
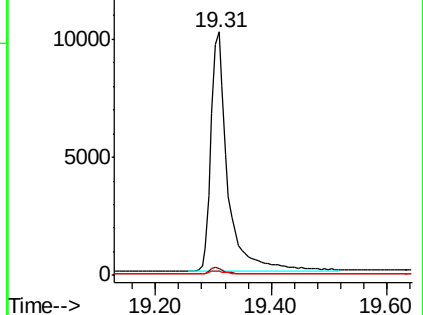
#25
 Fluoranthene-d10
 Concen: 0.222 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098417.D
 Acq: 14 Dec 2018 3:34

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181206DL

Tgt Ion: 212 Resp: 20429
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.4 1.3 1.9

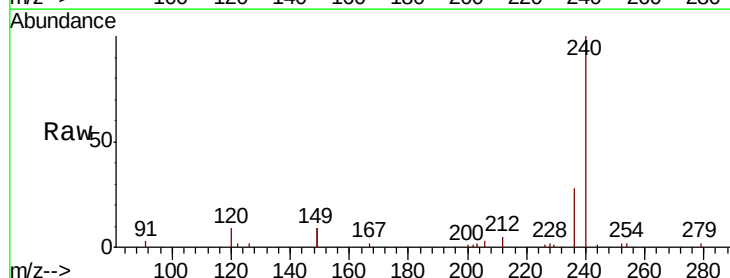


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

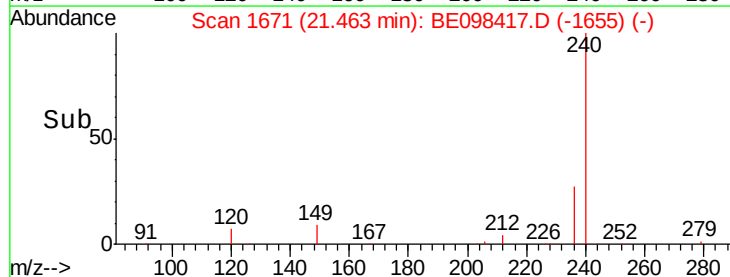
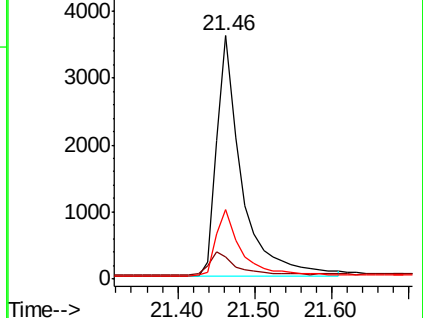


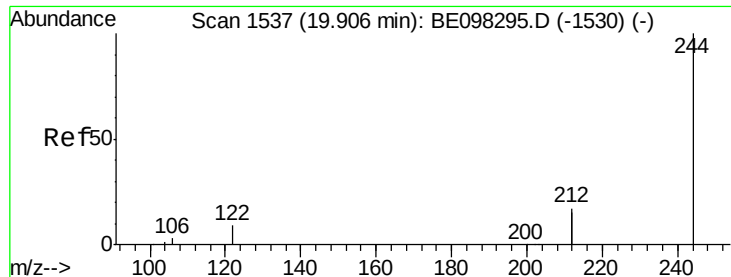
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098417.D
 Acq: 14 Dec 2018 3:34

Tgt Ion: 240 Resp: 8051
 Ion Ratio Lower Upper
 240 100
 120 9.0 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: 0.168 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098417.D

Acq: 14 Dec 2018 3:34

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181206DL

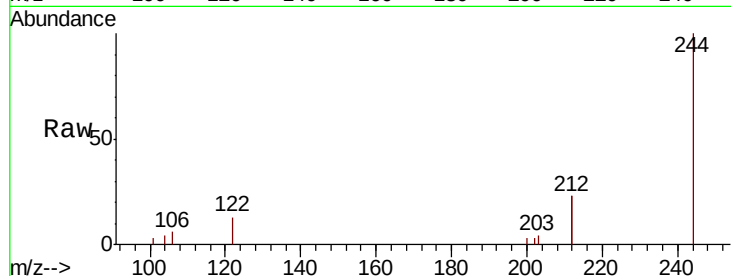
Tgt Ion:244 Resp: 3293

Ion Ratio Lower Upper

244 100

212 45.7 27.4 41.0#

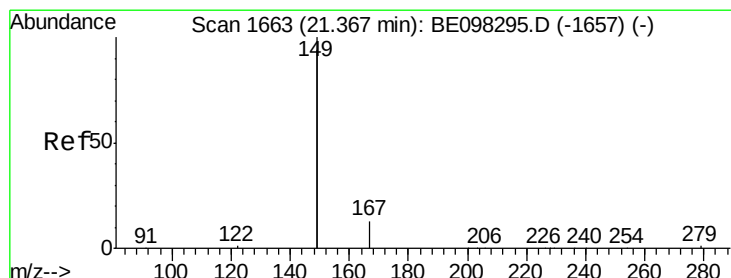
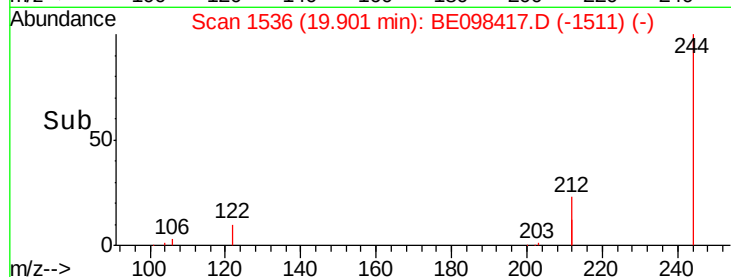
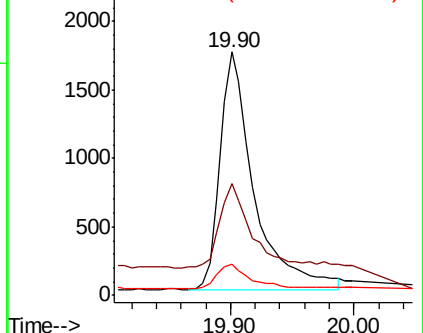
122 12.6 8.3 12.5#



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: 0.031 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098417.D

Acq: 14 Dec 2018 3:34

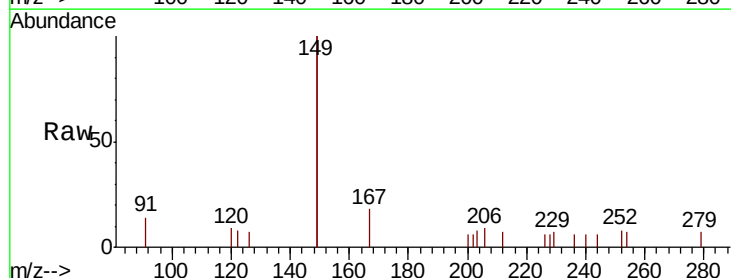
Tgt Ion:149 Resp: 1431

Ion Ratio Lower Upper

149 100

167 9.2 5.7 8.5#

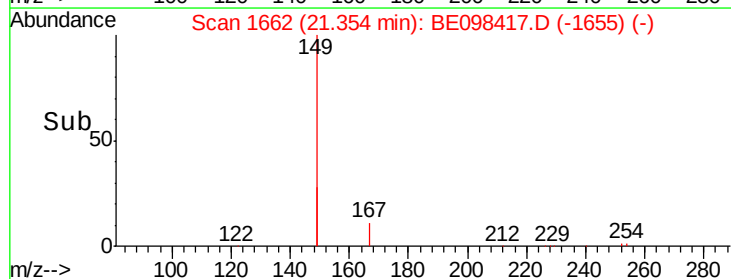
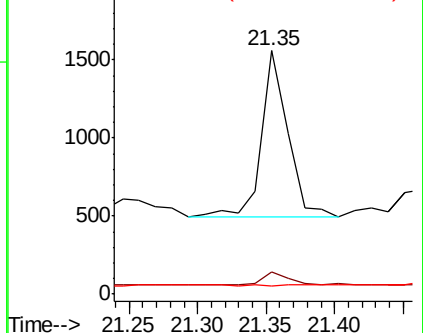
279 1.2 1.0 1.4

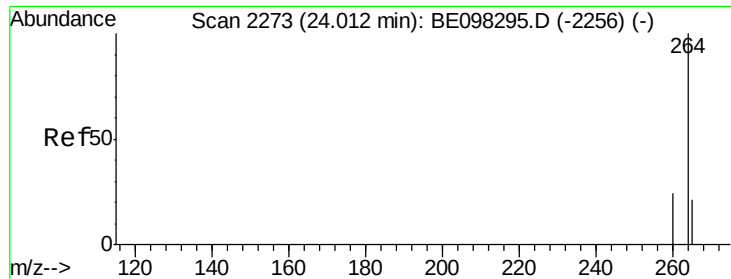


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.01 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BE098417.D
Acq: 14 Dec 2018 3:34

Instrument :
BNA_E
ClientSampleId :
RE-104D1-20181206DL

Tgt Ion: 264 Resp: 7468
Ion Ratio Lower Upper
264 100
260 26.8 20.2 30.2
265 28.0 25.2 37.8

