

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098348.D
 Acq On : 12 Dec 2018 00:28
 Operator : SJ/JU
 Sample : J6314-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:25:50 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

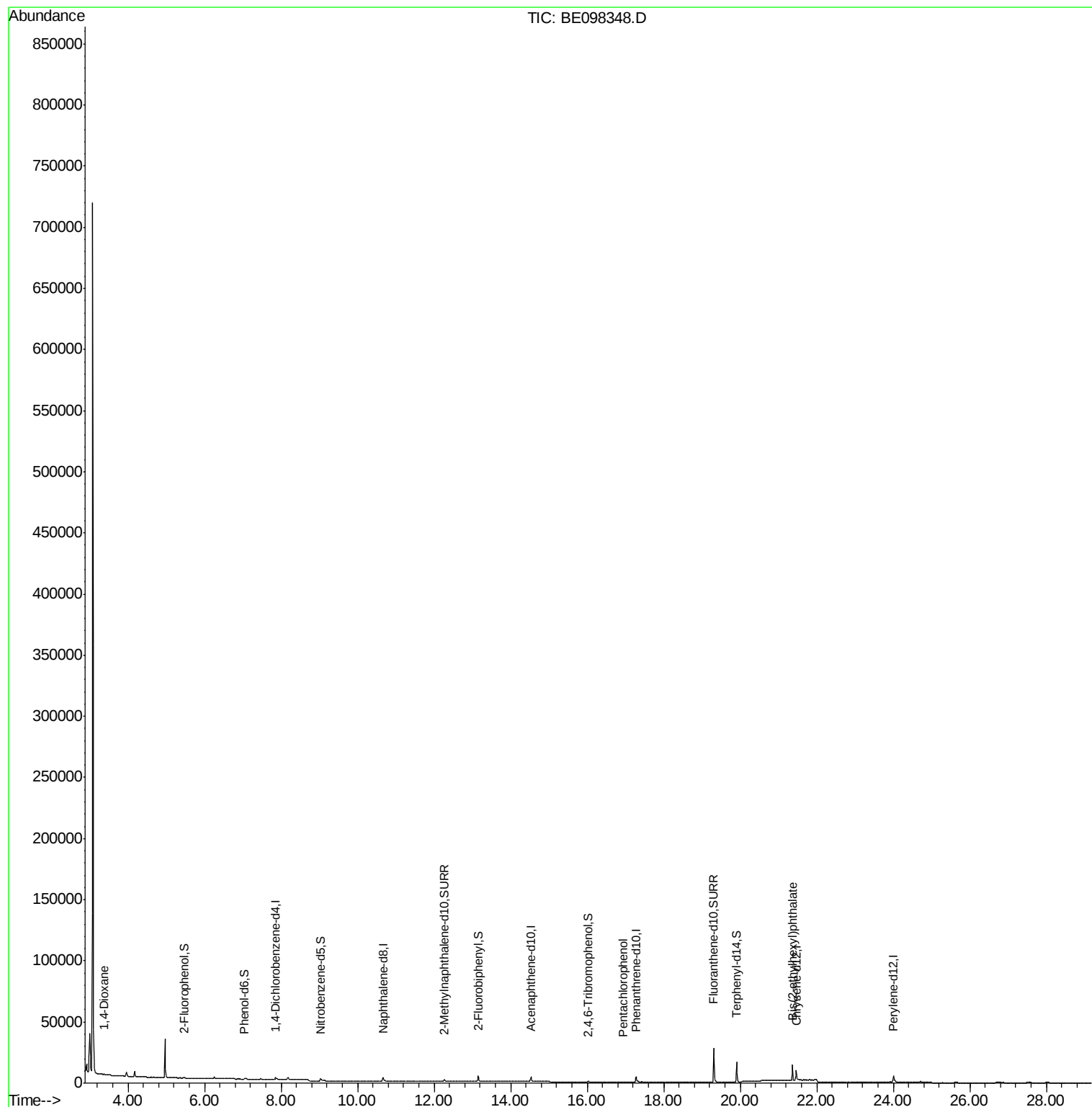
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1063	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4311	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2716	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7545	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9335	0.40	ng	0.00
34) Perylene-d12	24.01	264	8789	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	500	0.20	ng	0.00
5) Phenol-d6	7.04	99	351	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	1717	0.44	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3020	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	465	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	6360	0.56	ng	0.00
25) Fluoranthene-d10	19.31	212	44045	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	15254	0.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	157	0.085	ng	# 1
22) Pentachlorophenol	16.94	266	9	0.029	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.37	149	13744	0.255	ng	99

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

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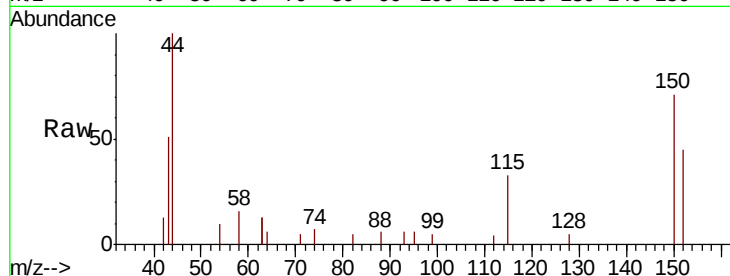


#1

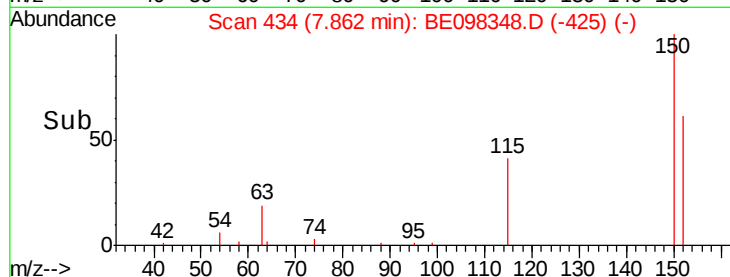
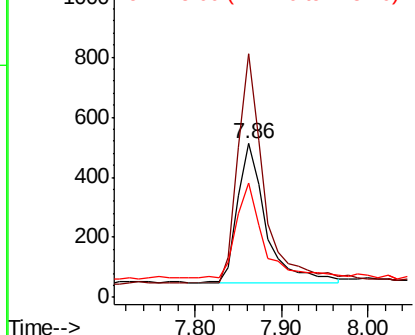
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098348.D
Acq: 12 Dec 2018 00:28

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1063
Ion Ratio Lower Upper
152 100
150 158.7 124.2 186.4
115 74.2 53.9 80.9



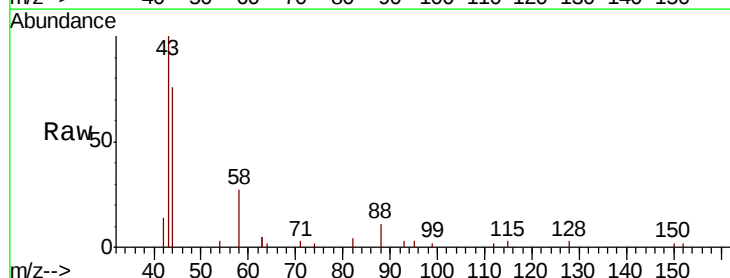
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



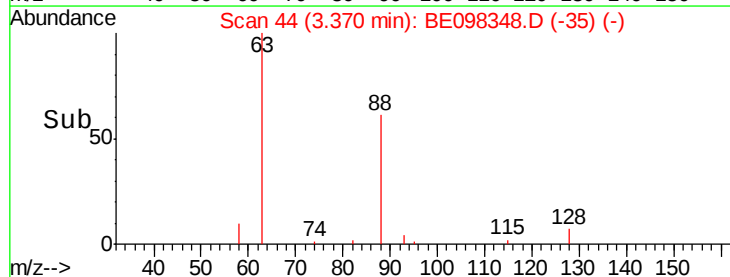
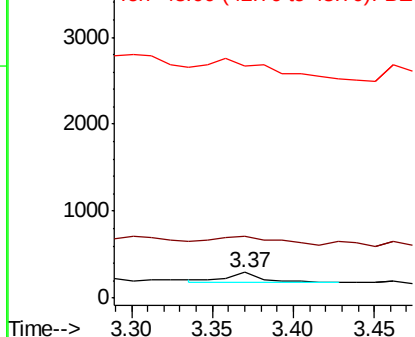
#2

1,4-Dioxane
Concen: 0.085 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098348.D
Acq: 12 Dec 2018 00:28

Tgt Ion: 88 Resp: 157
Ion Ratio Lower Upper
88 100
58 158.6 75.0 112.6#
43 363.7 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: 0.201 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098348.D

Acq: 12 Dec 2018 00:28

Instrument :

BNA_E

ClientSampled :

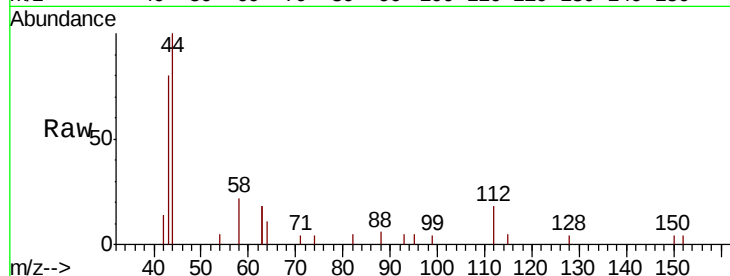
Tot Ion: 112 Resp: 500

Ion Ratio Lower Upper

112 100

64 69.6 59.8 89.8

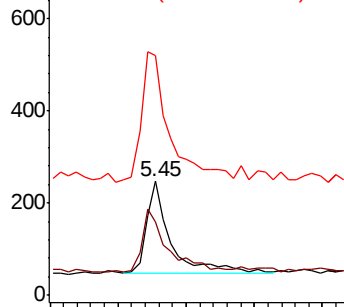
63 161.8 133.7 200.5



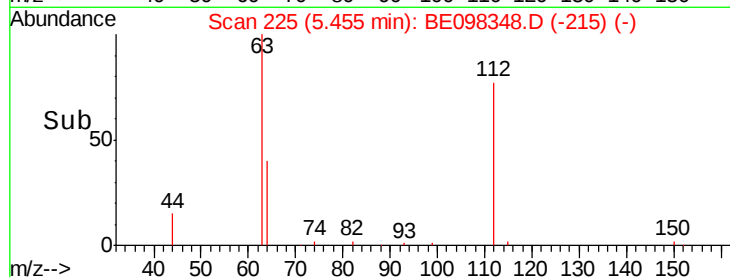
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.30 5.40 5.50 5.60 5.70



#5

Phenol-d6

Concen: 0.100 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098348.D

Acq: 12 Dec 2018 00:28

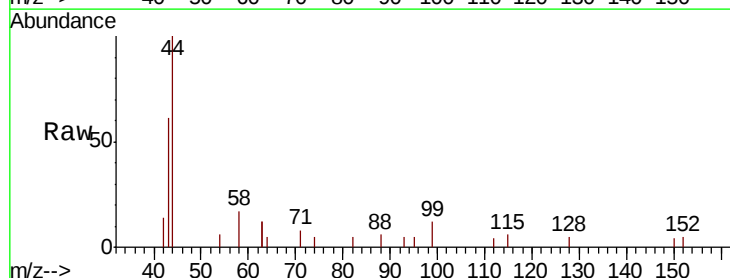
Tgt Ion: 99 Resp: 351

Ion Ratio Lower Upper

99 100

42 31.6 26.3 39.5

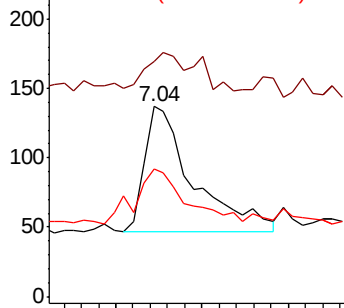
71 41.6 33.6 50.4



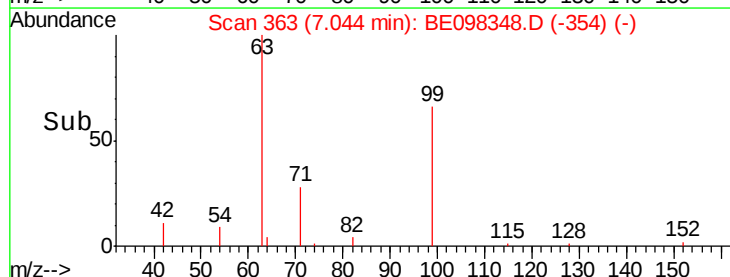
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.00 7.10 7.20





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098348.D

Acq: 12 Dec 2018 00:28

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 4311

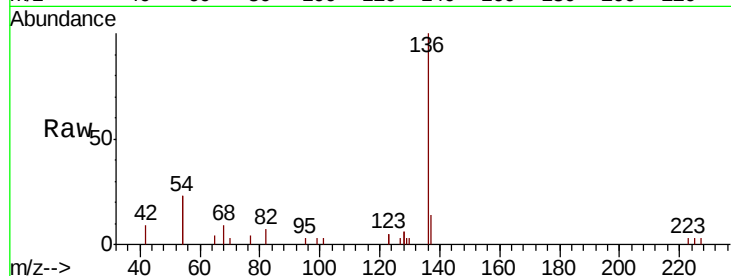
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 45.8 28.4 42.6#

68 8.5 5.4 8.0#

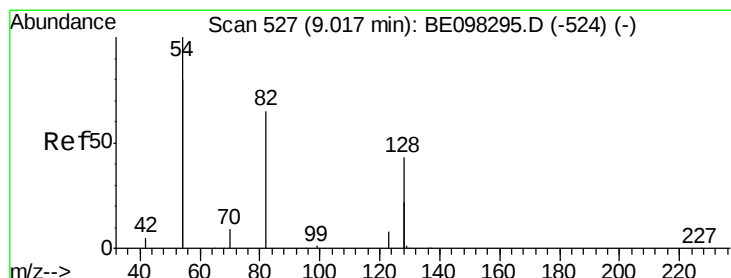
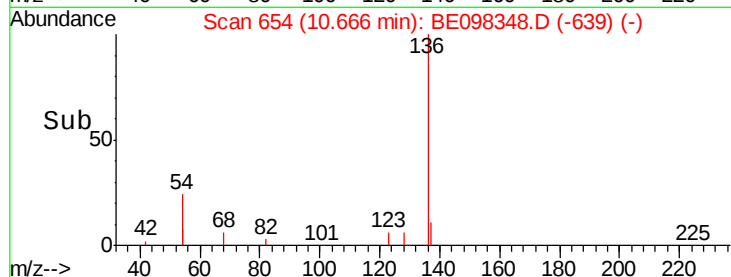
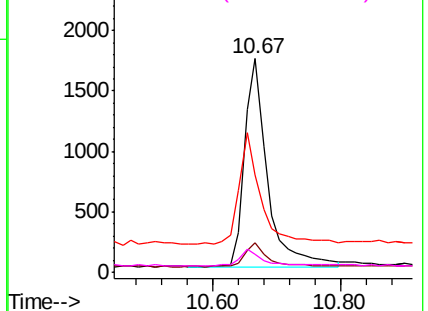


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.438 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098348.D

Acq: 12 Dec 2018 00:28

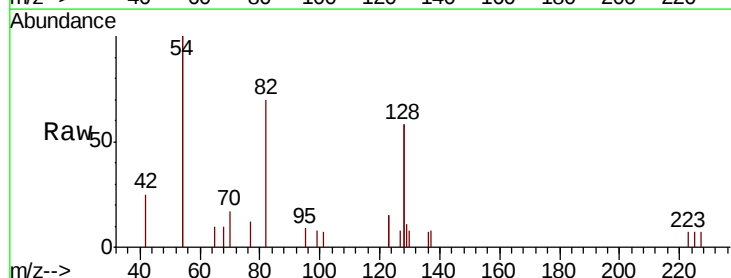
Tgt Ion: 82 Resp: 1717

Ion Ratio Lower Upper

82 100

128 167.0 102.4 153.6#

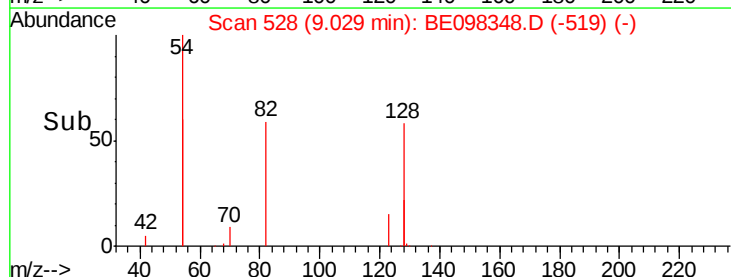
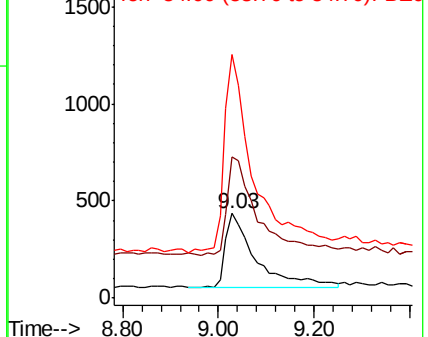
54 287.6 221.8 332.8



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: 0.431 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098348.D

Acq: 12 Dec 2018 00:28

Instrument :

BNA_E

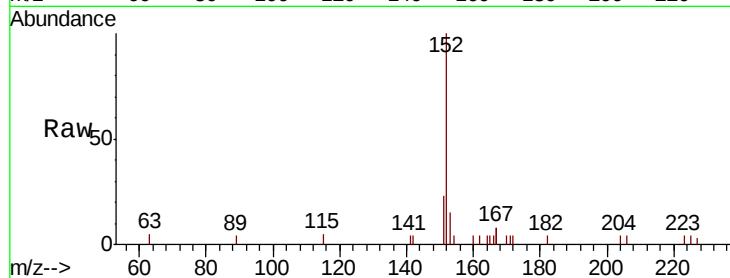
ClientSampled :

Tot Ion:152 Resp: 3020

Ion Ratio Lower Upper

152 100

151 18.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

1500

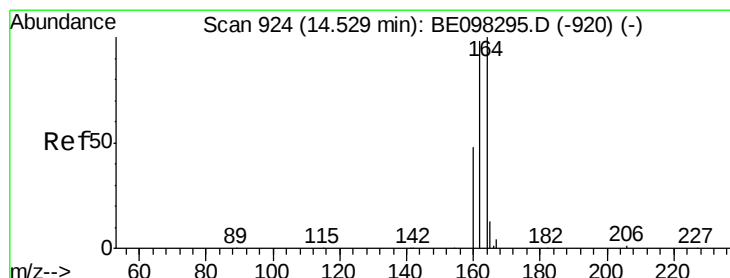
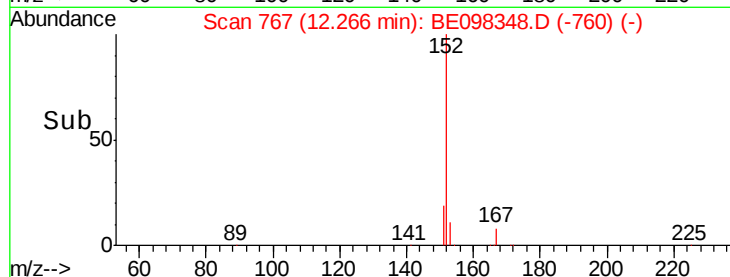
1000

500

0

Time-->

12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098348.D

Acq: 12 Dec 2018 00:28

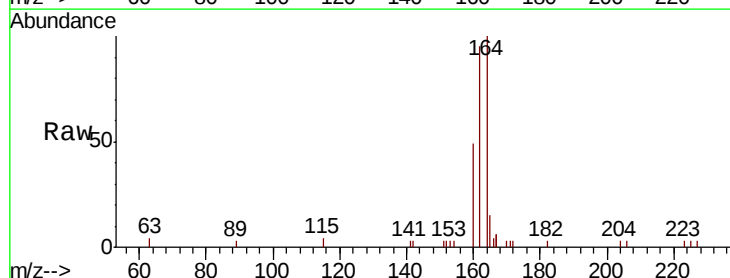
Tgt Ion:164 Resp: 2716

Ion Ratio Lower Upper

164 100

162 94.7 77.6 116.4

160 49.2 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

14.53

2000

1500

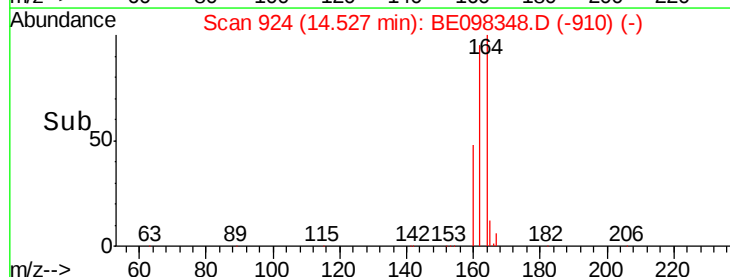
1000

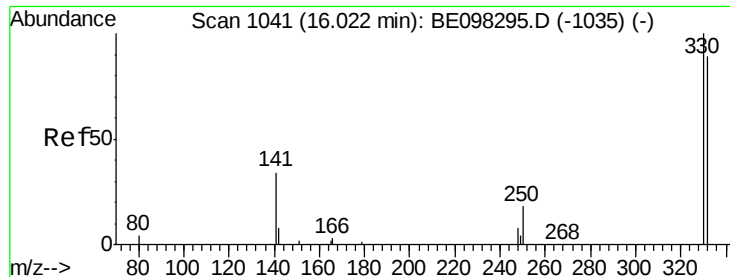
500

0

Time-->

14.40 14.50 14.60

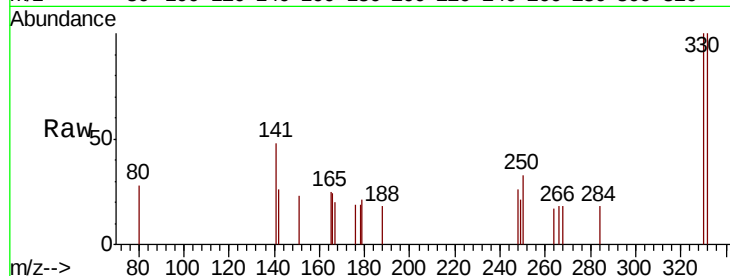




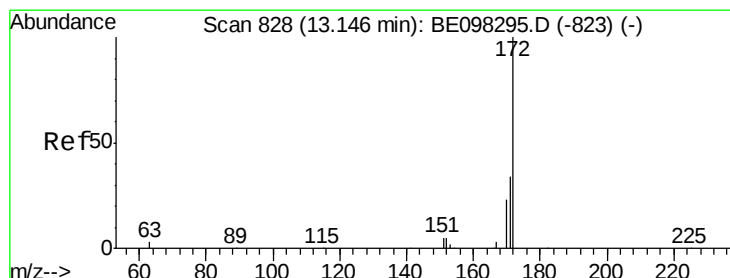
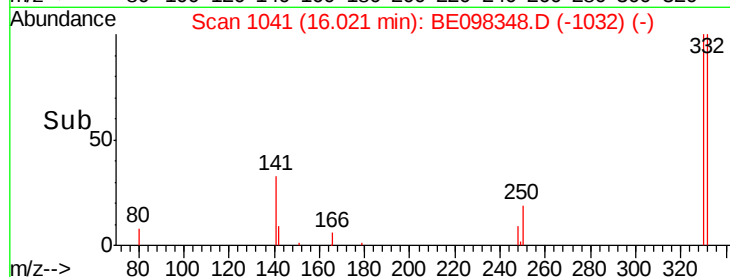
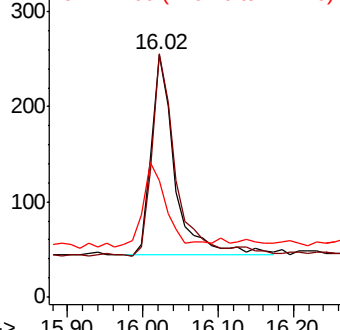
#14
 2,4,6-Tribromophenol
 Concen: 0.466 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098348.D
 Acq: 12 Dec 2018 00:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 465
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.2 114.4
 141 38.9 39.0 58.4#

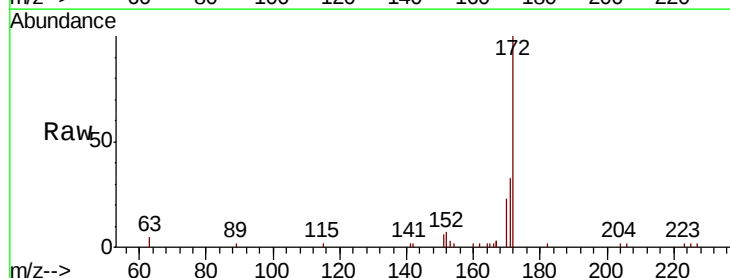


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

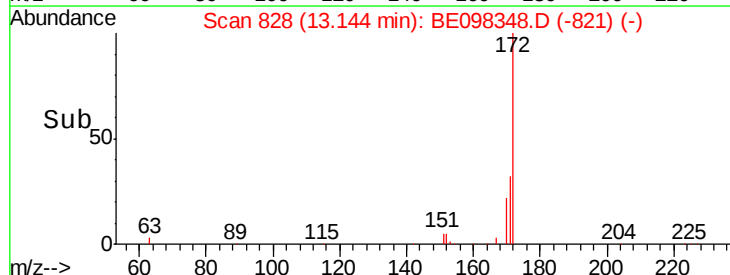
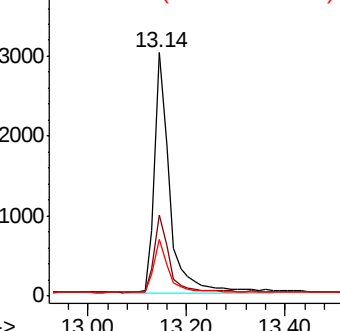


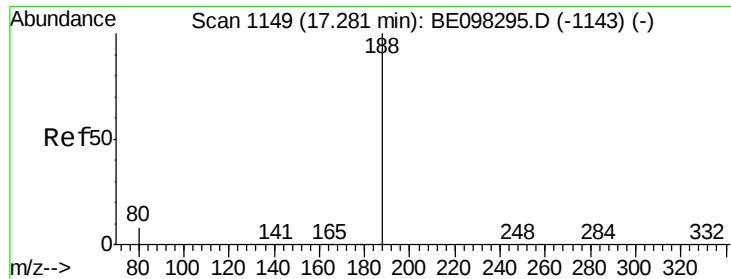
#15
 2-Fluorobiphenyl
 Concen: 0.555 ng
 RT: 13.14 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098348.D
 Acq: 12 Dec 2018 00:28

Tgt Ion:172 Resp: 6360
 Ion Ratio Lower Upper
 172 100
 171 33.1 27.5 41.3
 170 23.3 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: BE098348.D

Acq: 12 Dec 2018 00:28

Instrument :

BNA_E

ClientSampleId :

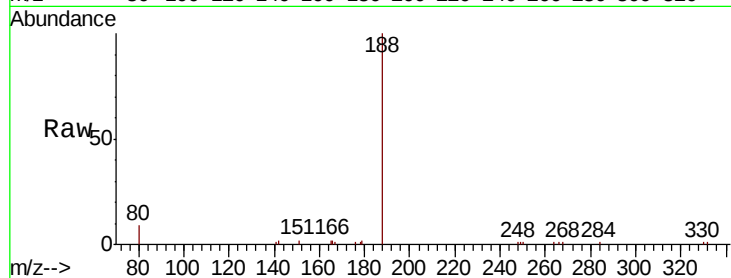
Tot Ion:188 Resp: 7545

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

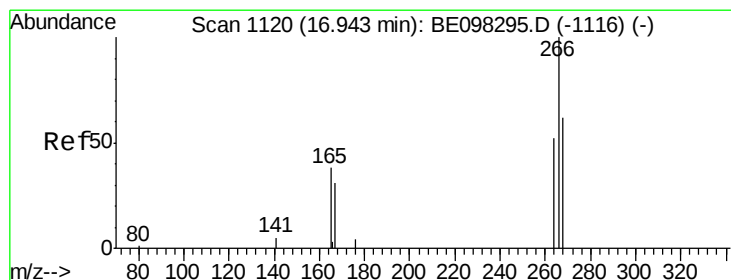
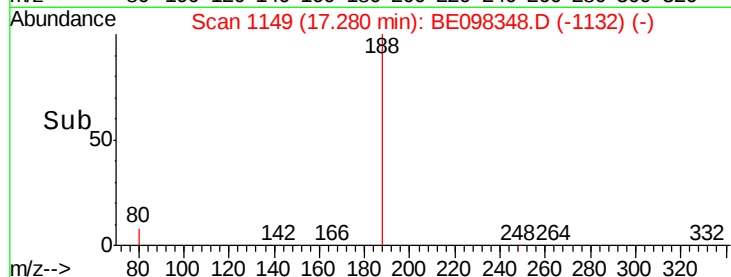
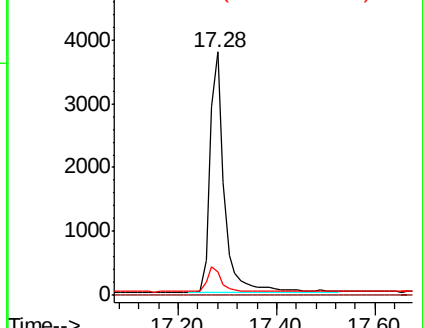
80 9.5 7.2 10.8



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: 0.029 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098348.D

Acq: 12 Dec 2018 00:28

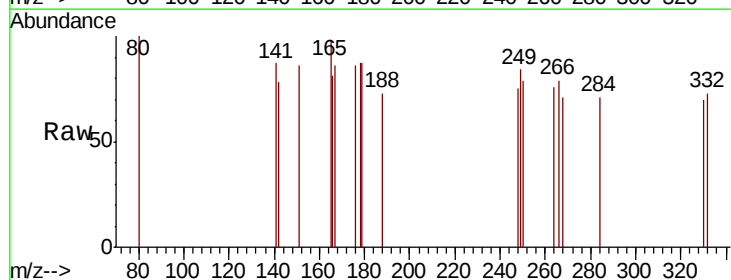
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 96.0 59.0 88.4#

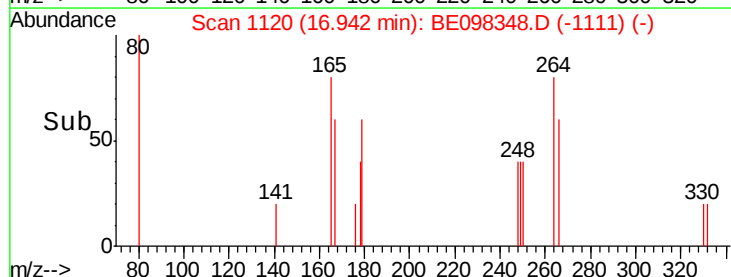
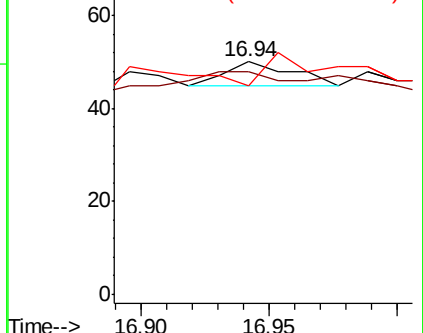
268 90.0 55.1 82.7#

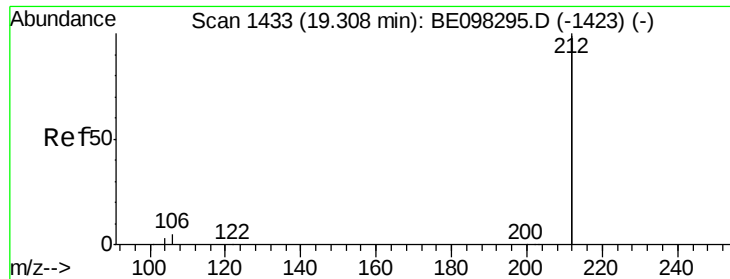


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.455 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098348.D

Acq: 12 Dec 2018 00:28

Instrument :

BNA_E

ClientSampleId :

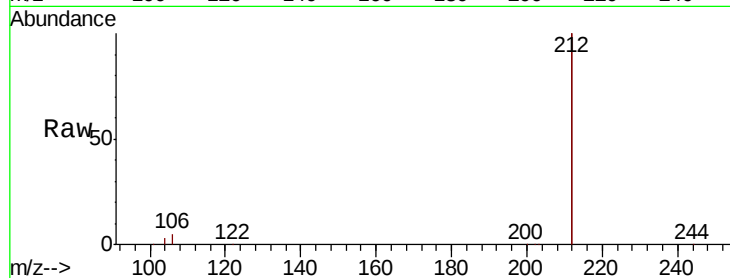
Tot Ion:212 Resp: 44045

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

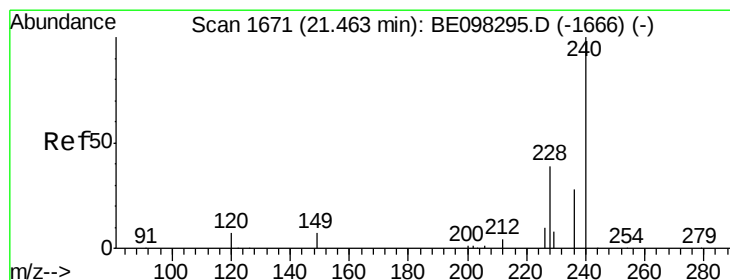
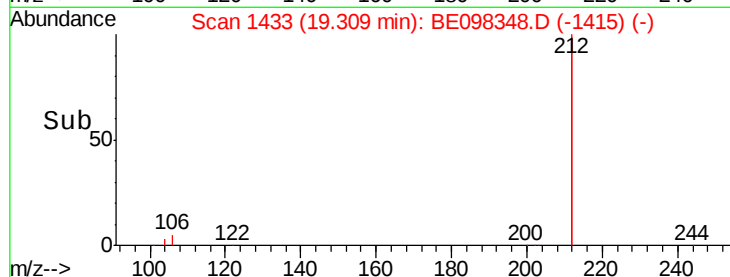
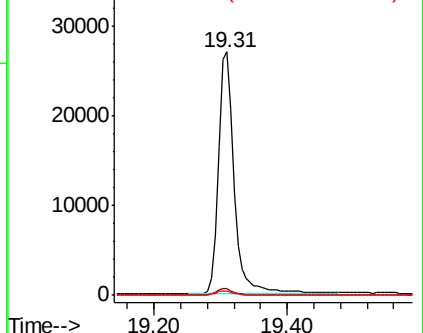
104 1.5 1.3 1.9



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: BE098348.D

Acq: 12 Dec 2018 00:28

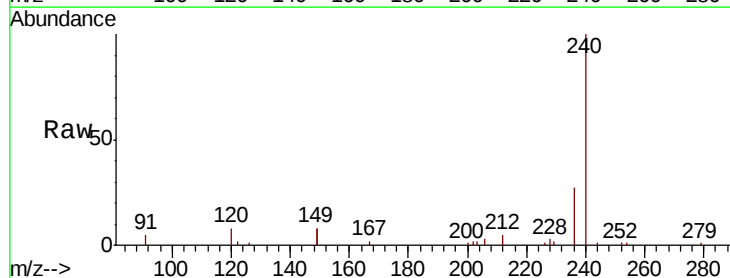
Tgt Ion:240 Resp: 9335

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

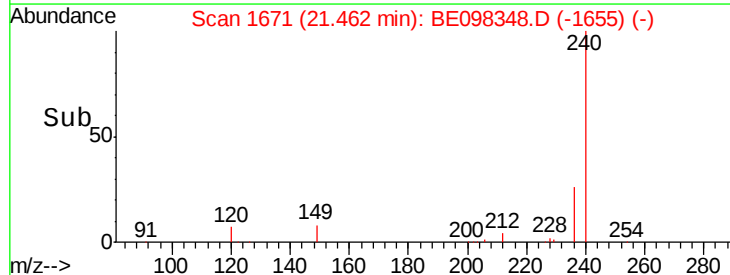
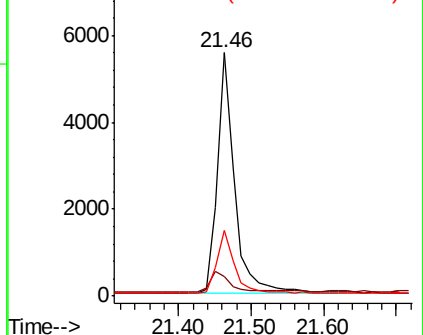
236 26.8 22.7 34.1

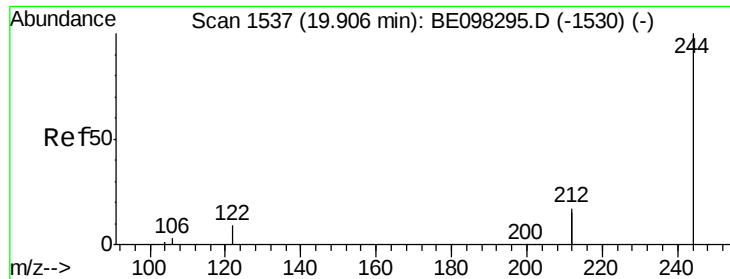


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.672 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098348.D

Acq: 12 Dec 2018 00:28

Instrument :

BNA_E

ClientSampleId :

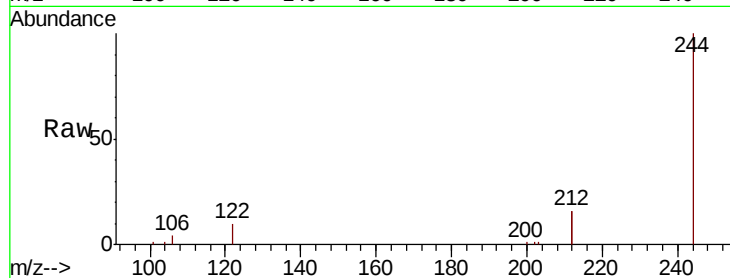
Tot Ion:244 Resp: 15254

Ion Ratio Lower Upper

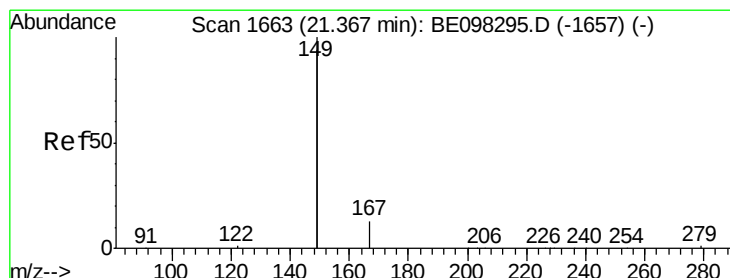
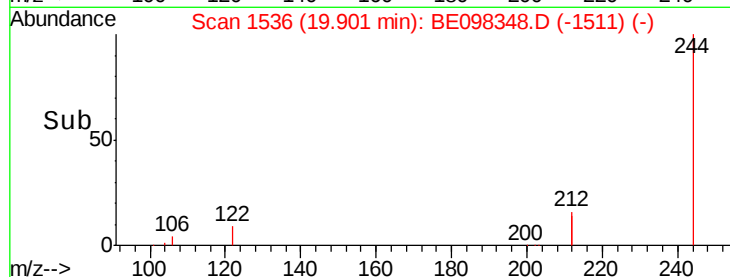
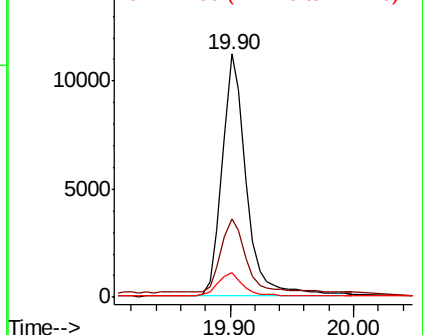
244 100

212 32.5 27.4 41.0

122 10.0 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: 0.255 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098348.D

Acq: 12 Dec 2018 00:28

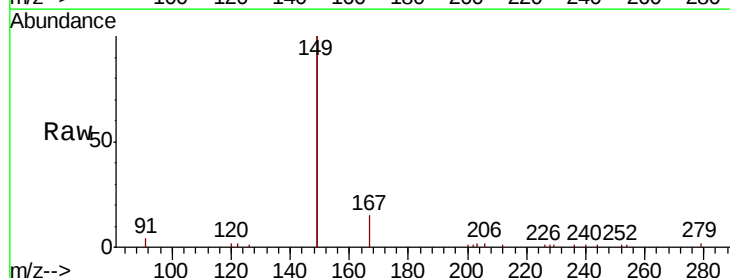
Tgt Ion:149 Resp: 13744

Ion Ratio Lower Upper

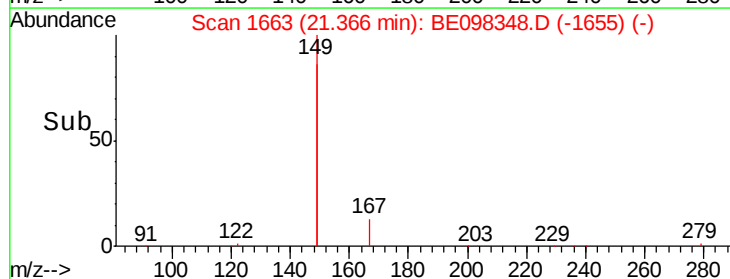
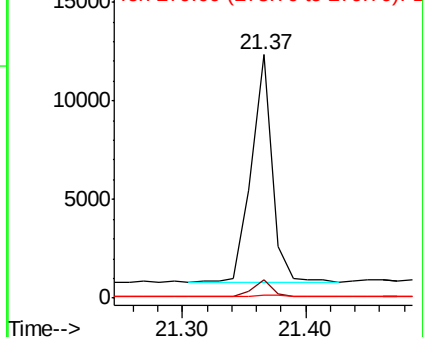
149 100

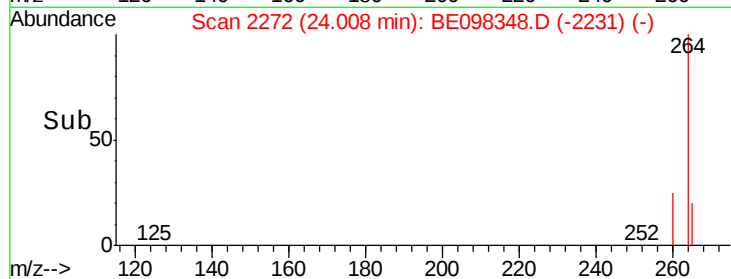
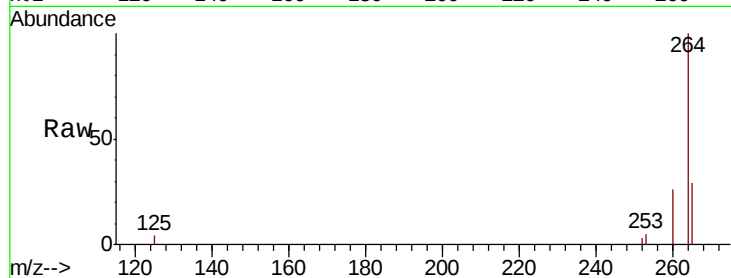
167 6.9 5.7 8.5

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

Pervlene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098348.D

Acq: 12 Dec 2018 00:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 8789

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 28.8 25.2 37.8

