

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098860.D
 Acq On : 11 Mar 2019 13:03
 Operator : JU/SJ
 Sample : K1793-15DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20190306DL

Quant Time: Mar 19 05:34:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

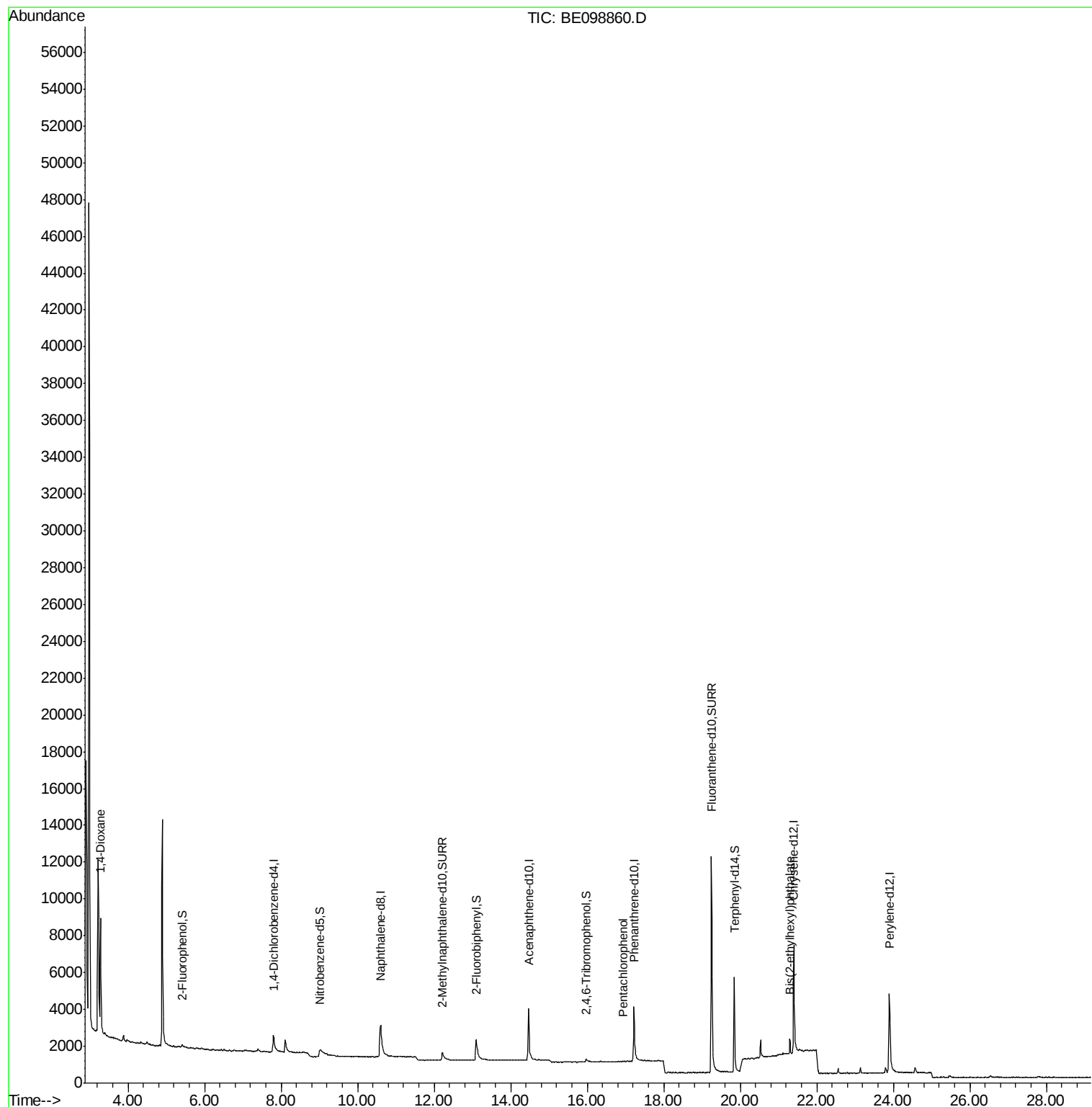
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	813	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3775	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2659	0.40	ng	0.01
19) Phenanthrene-d10	17.22	188	6888	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8216	0.40	ng	0.00
34) Perylene-d12	23.90	264	8254	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	93	0.04	ng	0.03
5) Phenol-d6	6.94	99	4	0.00	ng	-0.04
8) Nitrobenzene-d5	9.02	82	642	0.16	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1487	0.21	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	247	0.18	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2665	0.24	ng	0.01
25) Fluoranthene-d10	19.25	212	21959	0.20	ng	0.00
29) Terphenyl-d14	19.84	244	5694	0.29	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	3624	2.791	ng	94
22) Pentachlorophenol	16.93	266	6	0.268	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	1100	0.020	ng	# 96

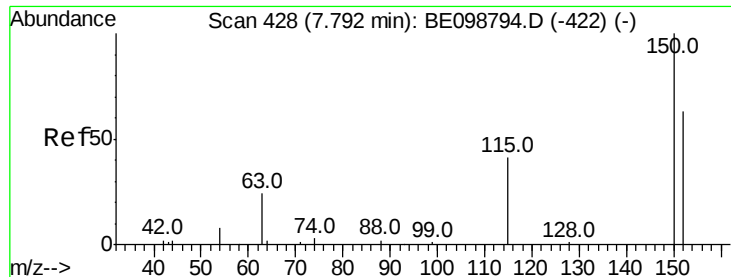
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190306DL

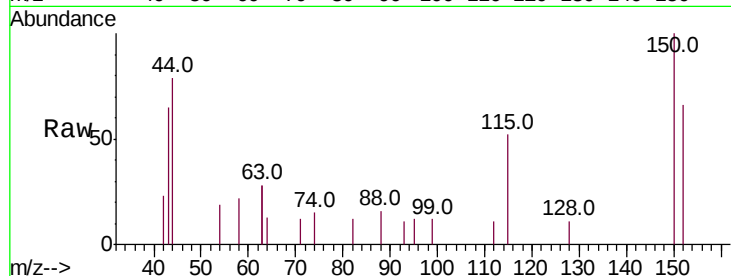
Tot Ion:152 Resp: 813

Ion Ratio Lower Upper

152 100

150 151.1 122.5 183.7

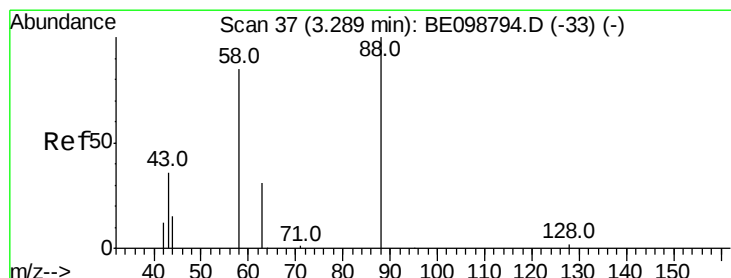
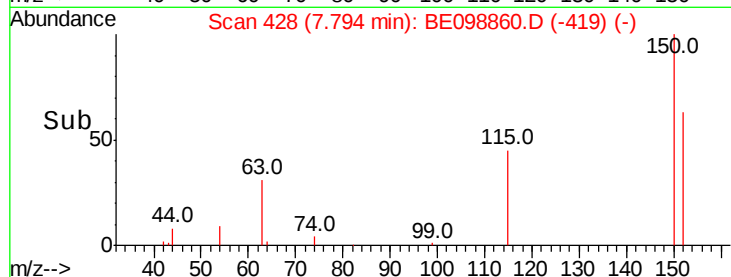
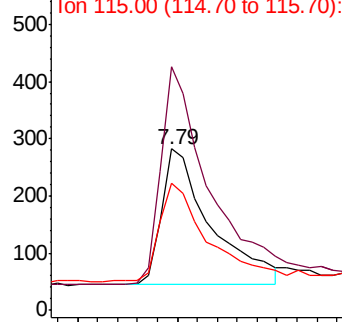
115 78.7 57.4 86.2



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: 2.791 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

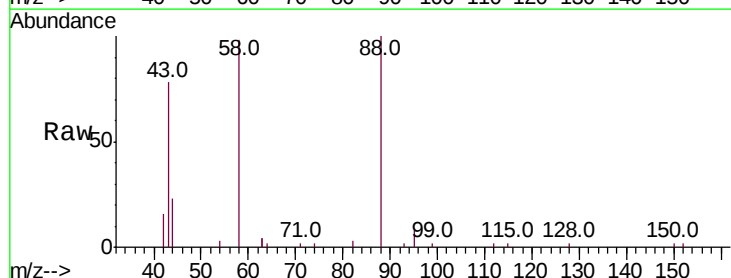
Tgt Ion: 88 Resp: 3624

Ion Ratio Lower Upper

88 100

58 98.9 75.8 113.6

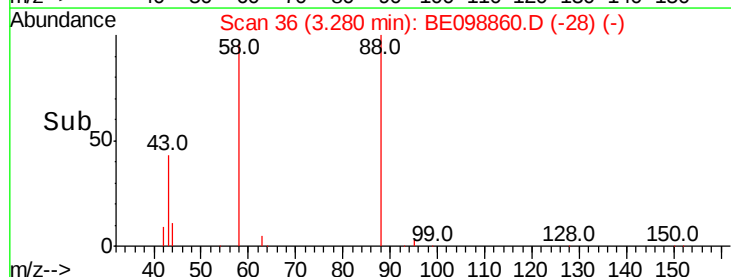
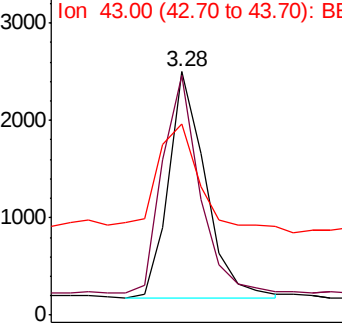
43 59.6 41.8 62.8



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: 0.038 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190306DL

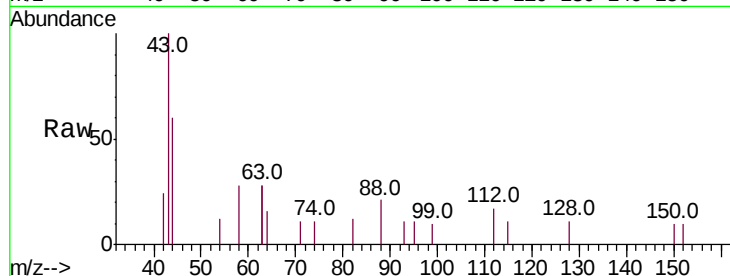
Tot Ion:112 Resp: 93

Ion Ratio Lower Upper

112 100

64 172.0 57.9 86.9#

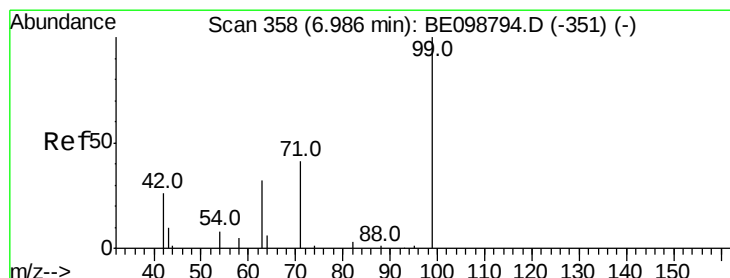
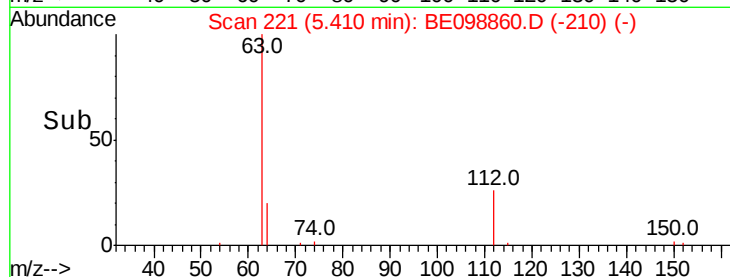
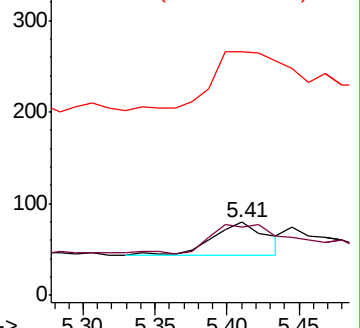
63 407.5 158.3 237.5#



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: 0.001 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.04 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

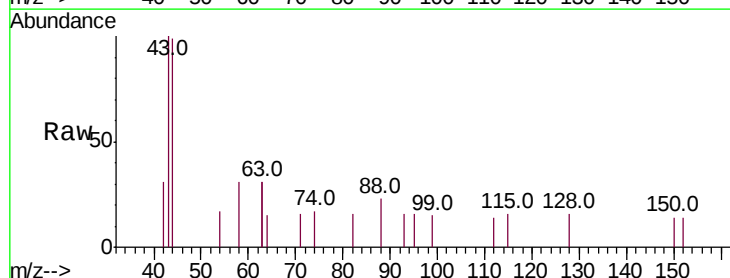
Tgt Ion: 99 Resp: 4

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

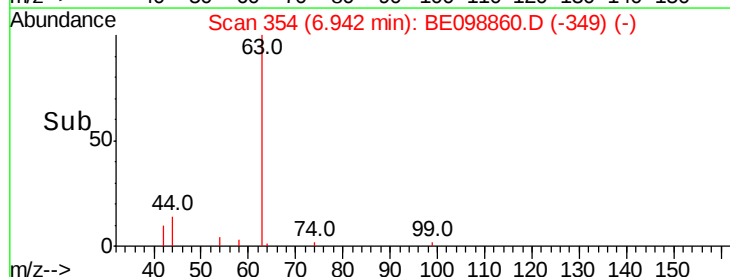
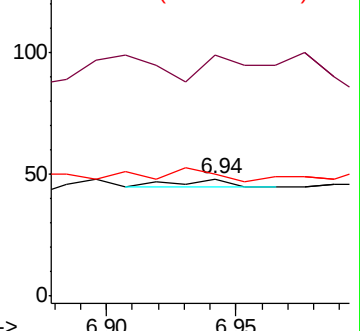
71 150.0 35.7 53.5#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190306DL

Tot Ion:136 Resp: 3775

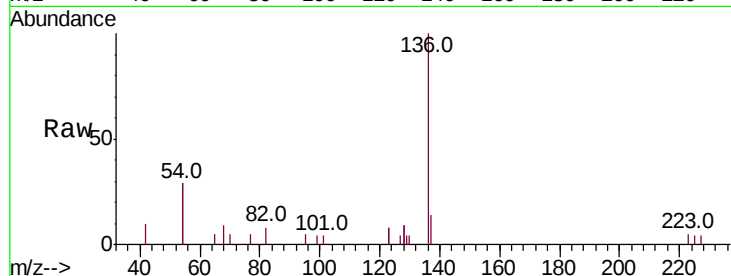
Ion Ratio Lower Upper

136 100

137 13.8 11.4 17.0

54 57.5 39.3 58.9

68 8.8 6.7 10.1

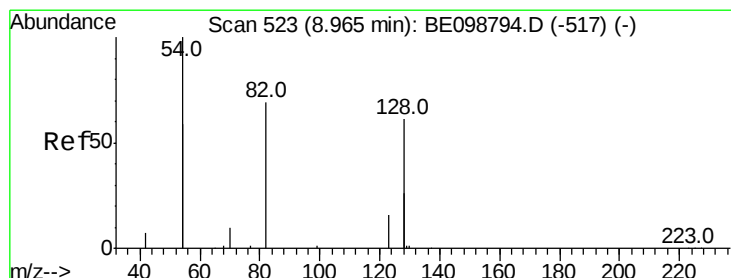
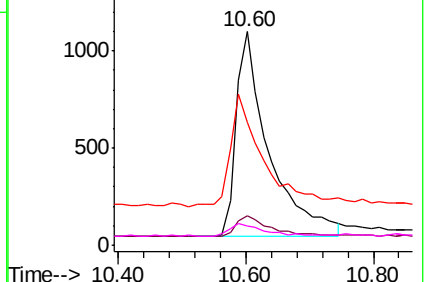
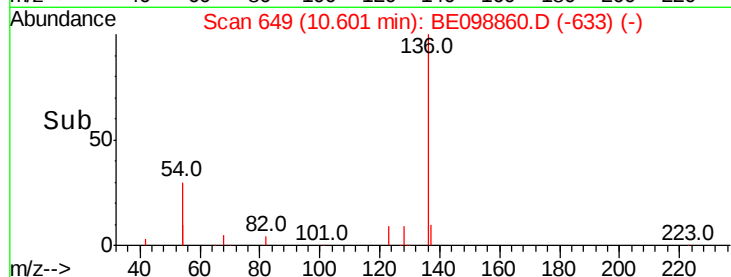


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.162 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

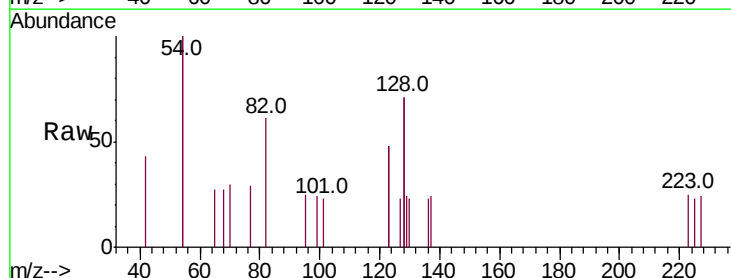
Tgt Ion: 82 Resp: 642

Ion Ratio Lower Upper

82 100

128 232.8 123.8 185.8#

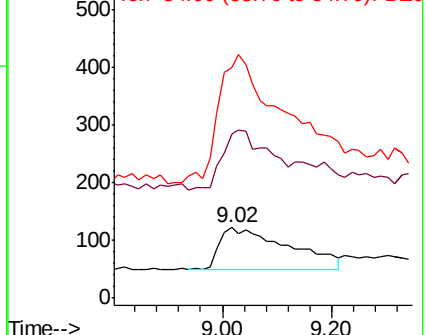
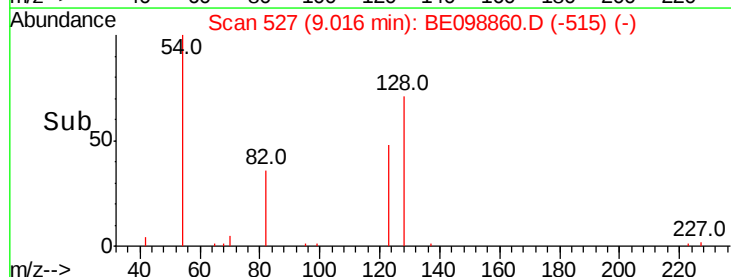
54 327.9 203.4 305.2#

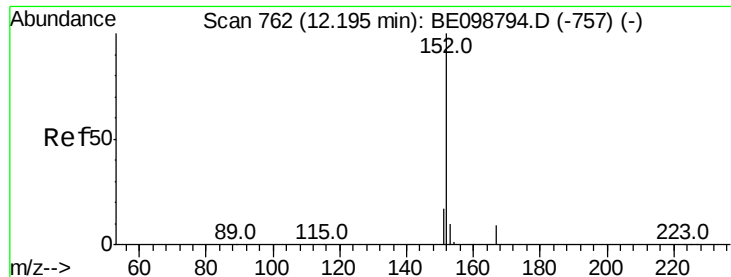


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

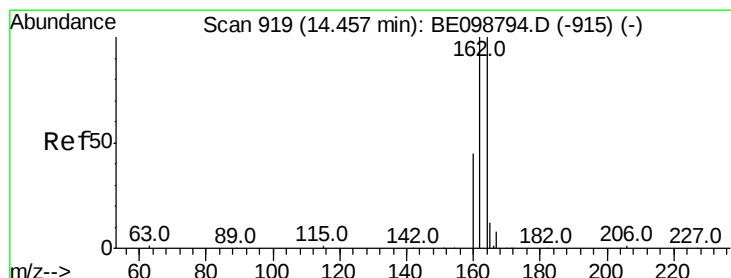
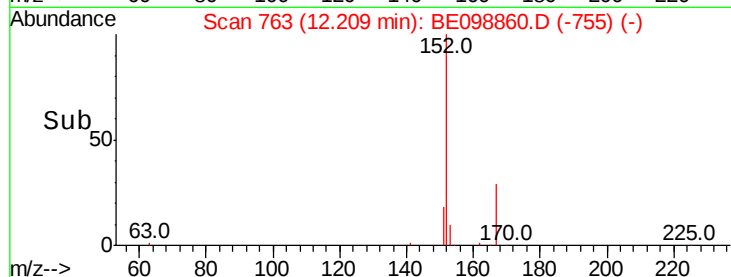
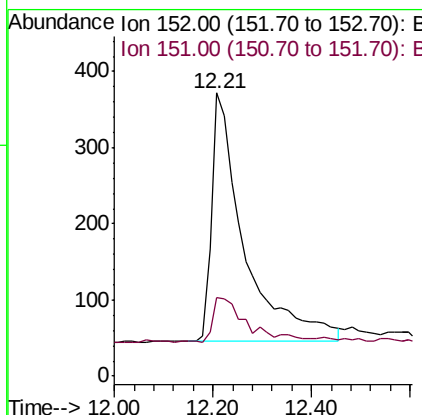
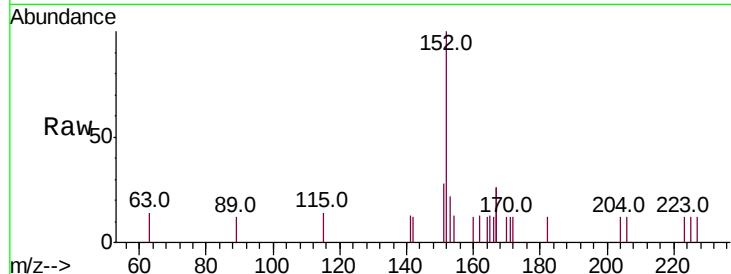




#11
 2-Methylnaphthalene-d10
 Concen: 0.213 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098860.D
 Acq: 11 Mar 2019 13:03

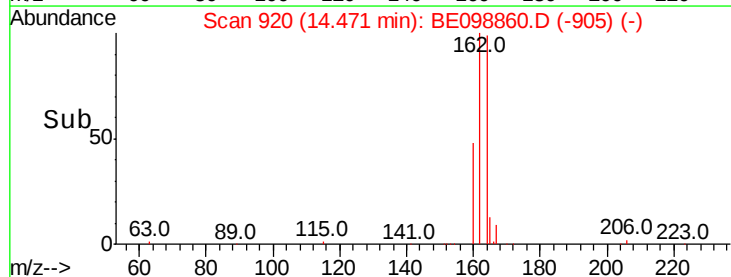
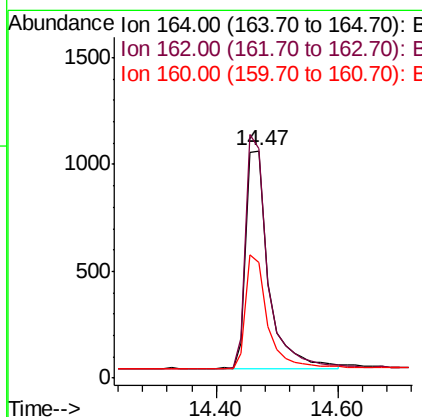
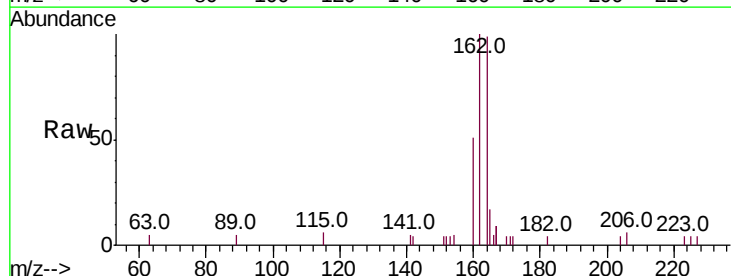
Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20190306DL

Tot Ion:152 Resp: 1487
 Ion Ratio Lower Upper
 152 100
 151 17.9 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE098860.D
 Acq: 11 Mar 2019 13:03

Tgt Ion:164 Resp: 2659
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.2 120.2
 160 51.0 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.184 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190306DL

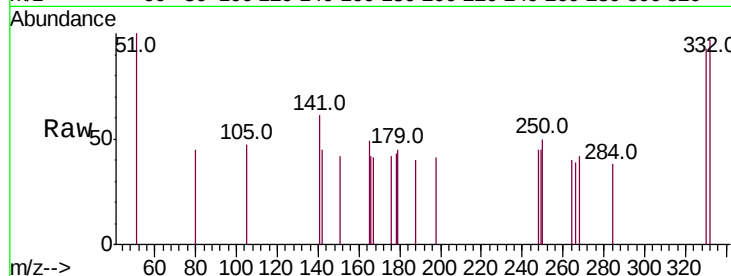
Tot Ion:330 Resp: 247

Ion Ratio Lower Upper

330 100

332 86.2 77.6 116.4

141 37.2 31.0 46.4



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

15.98

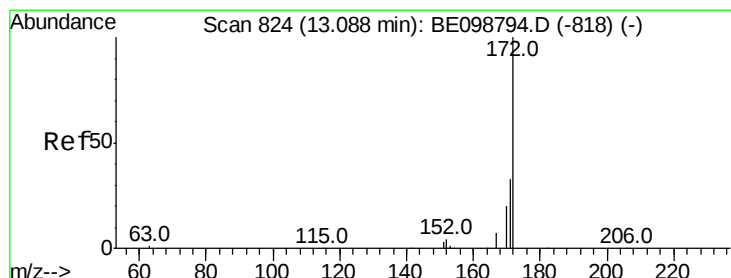
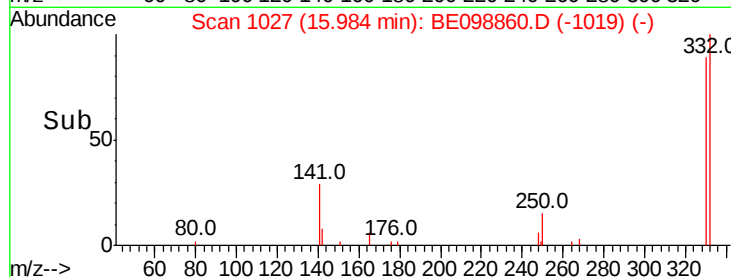
100

50

0

16.00 16.20

Time-->



#15

2-Fluorobiphenyl

Concen: 0.242 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.01 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

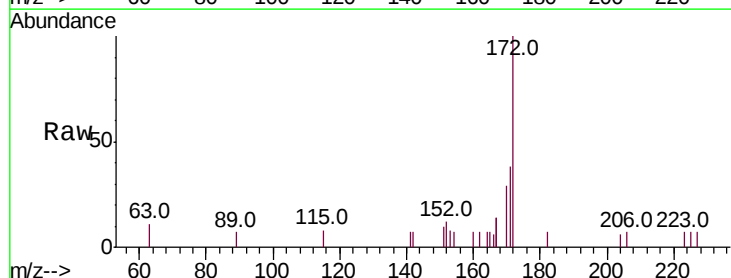
Tgt Ion:172 Resp: 2665

Ion Ratio Lower Upper

172 100

171 38.3 28.0 42.0

170 29.1 17.7 26.5#



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

13.10

800

600

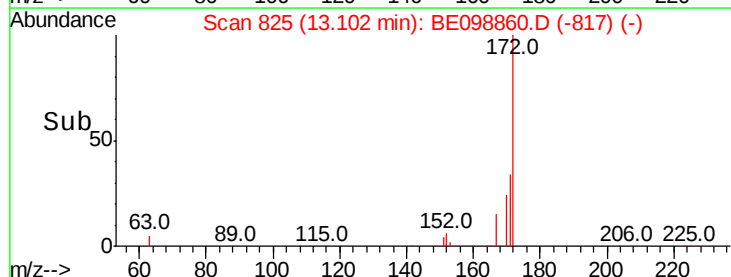
400

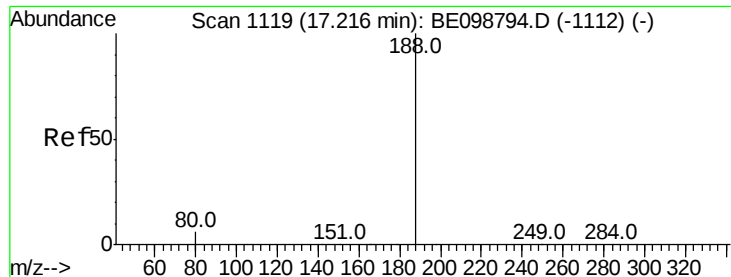
200

0

13.00 13.20 13.40

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190306DL

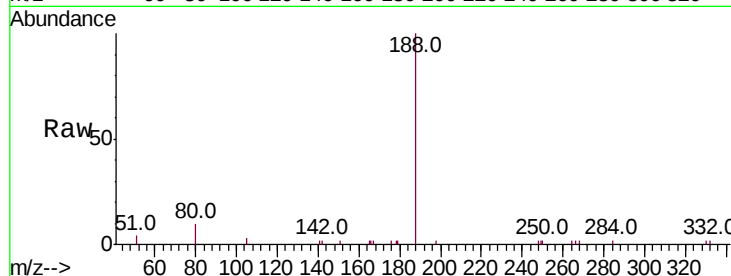
Tot Ion:188 Resp: 6888

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

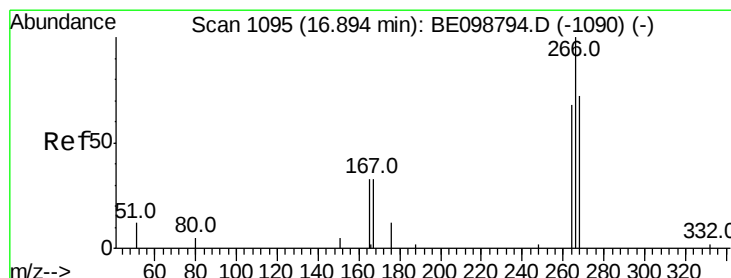
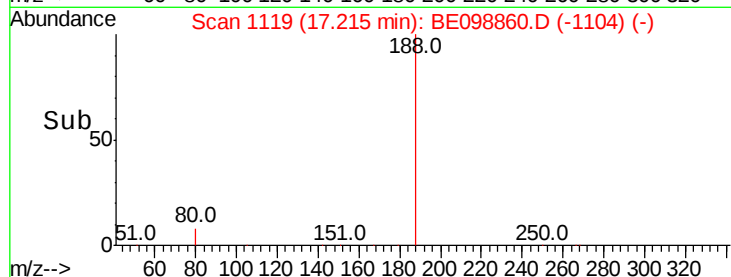
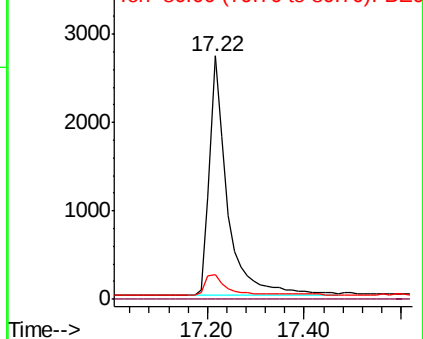
80 10.0 6.3 9.5#



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: 0.268 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

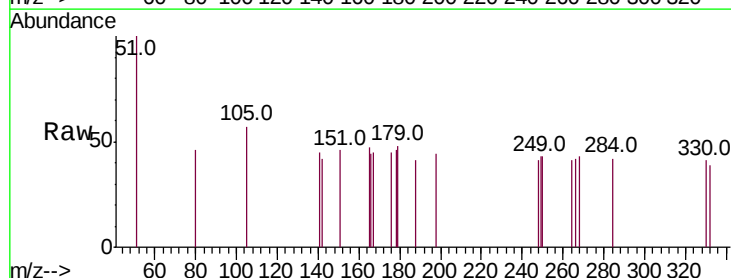
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 95.7 66.6 100.0

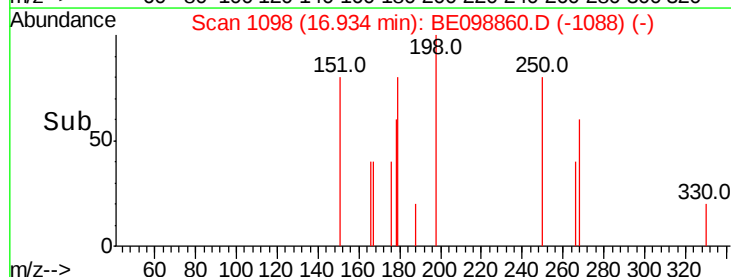
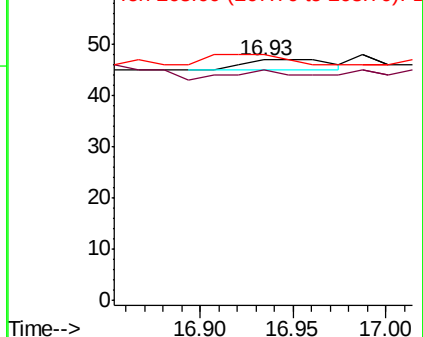
268 102.1 69.8 104.8

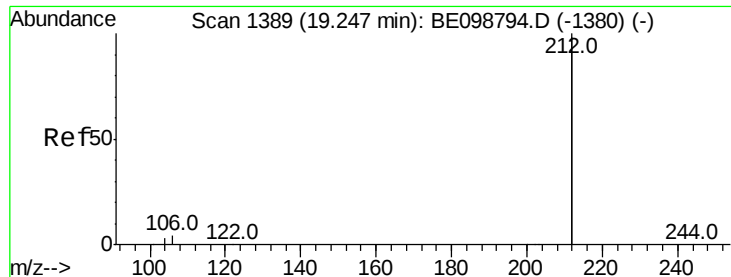


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.200 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

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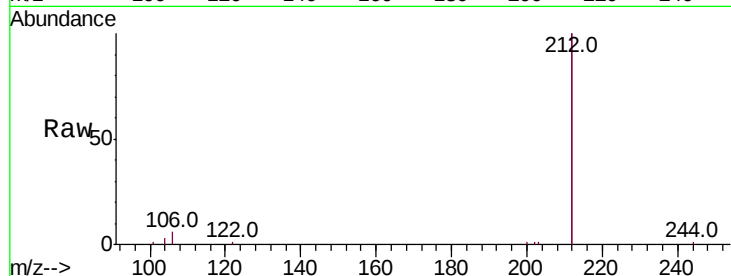
Tot Ion:212 Resp: 21959

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

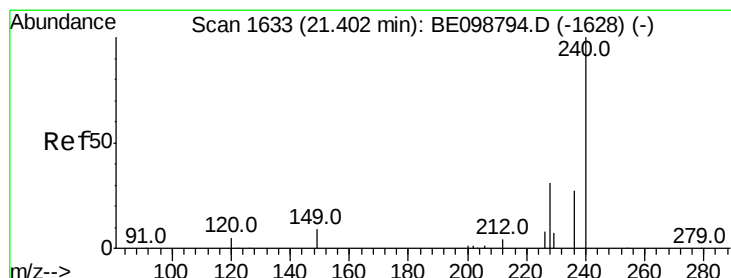
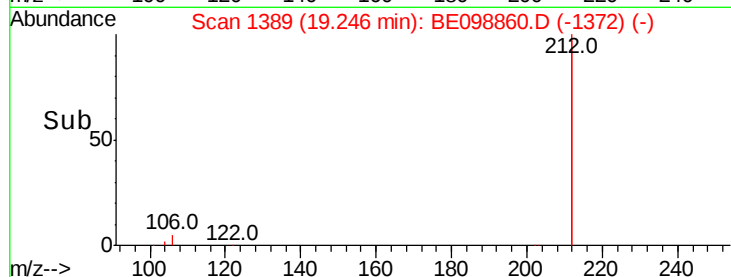
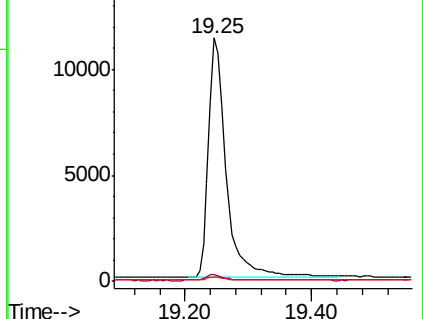
104 1.4 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

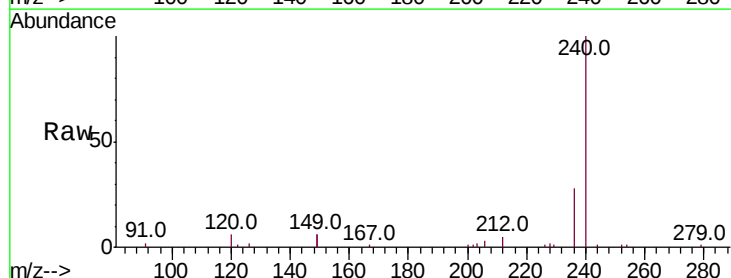
Tgt Ion:240 Resp: 8216

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

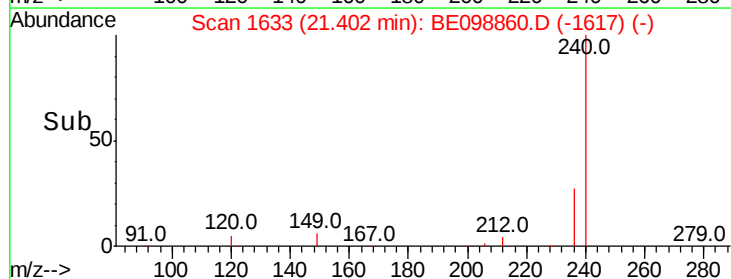
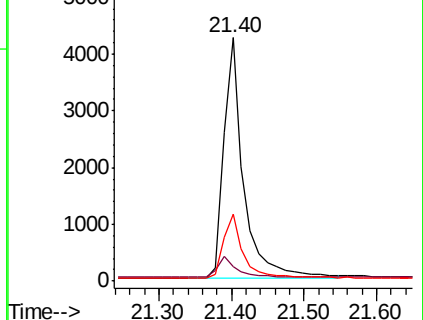
236 27.6 22.7 34.1

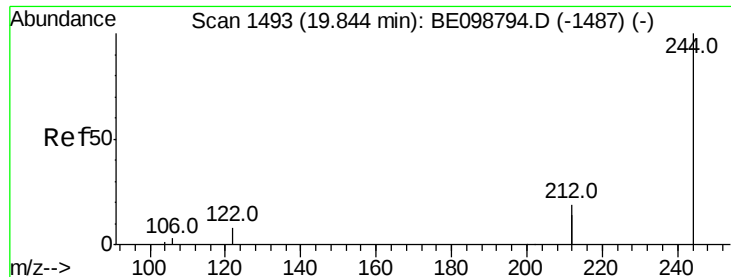


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.285 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

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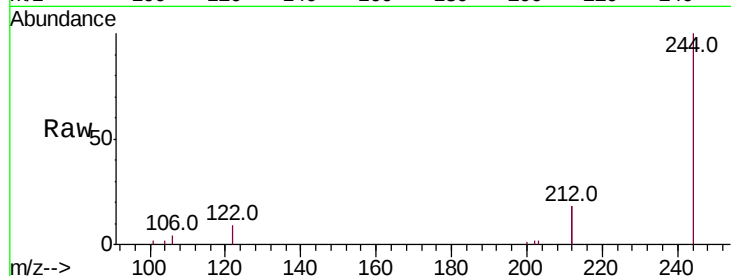
Tot Ion:244 Resp: 5694

Ion Ratio Lower Upper

244 100

212 36.6 29.4 44.2

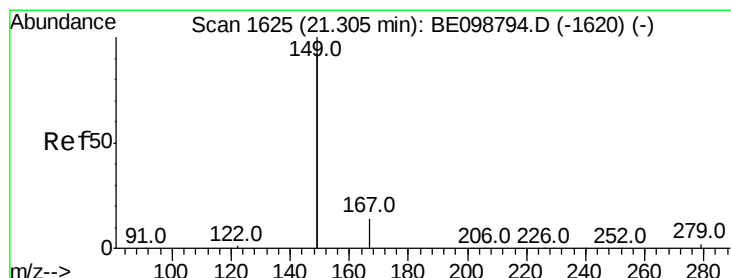
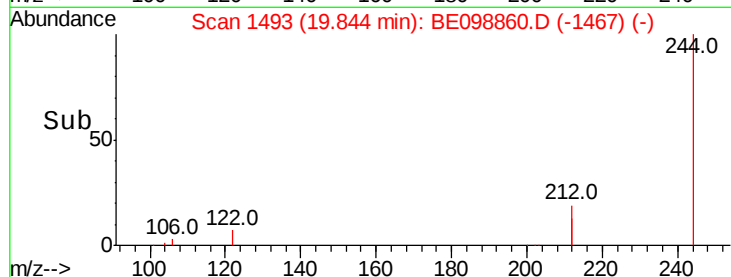
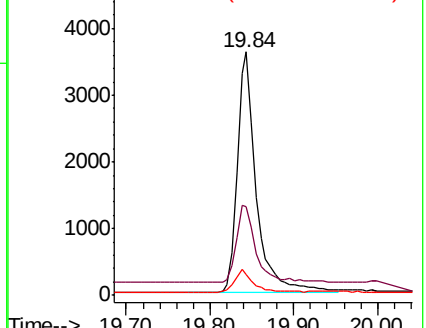
122 8.8 7.1 10.7



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: 0.020 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098860.D

Acq: 11 Mar 2019 13:03

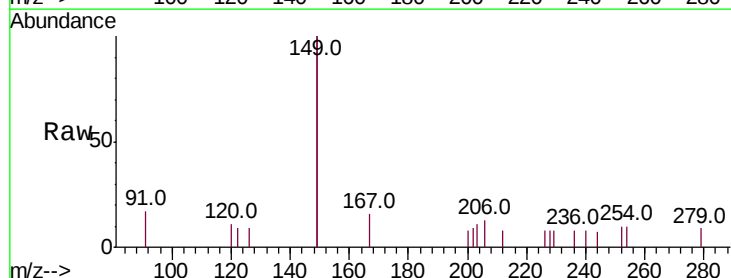
Tgt Ion:149 Resp: 1100

Ion Ratio Lower Upper

149 100

167 8.1 5.4 8.0#

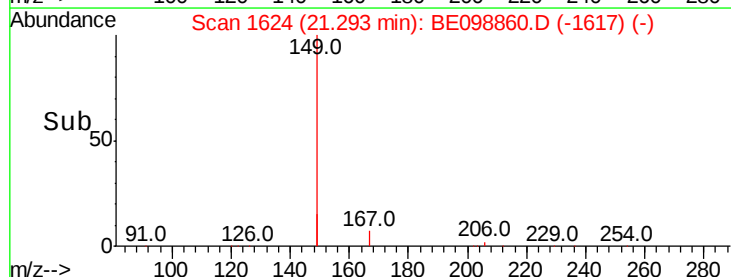
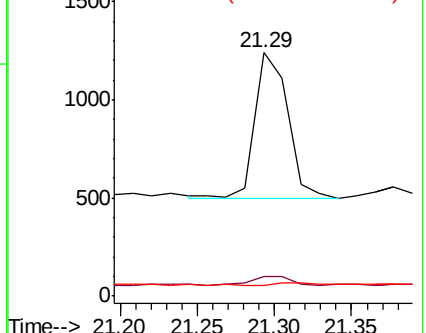
279 2.5 1.0 1.4#

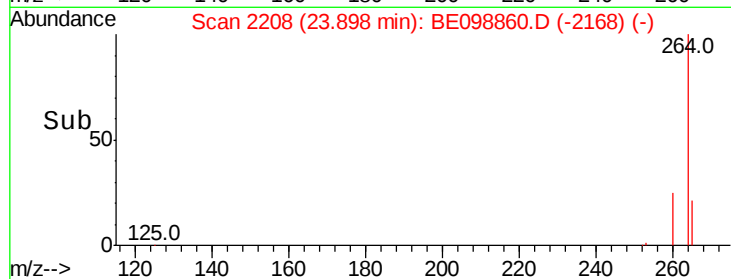
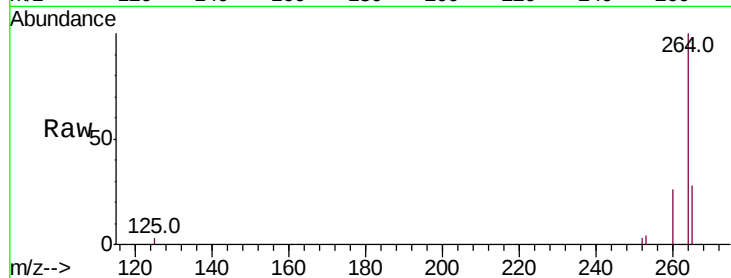


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098860.D
 Acq: 11 Mar 2019 13:03

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20190306DL

Tot Ion:264 Resp: 8254
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.2 31.8
 265 27.5 24.6 36.8

