

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098846.D
 Acq On : 8 Mar 2019 23:40
 Operator : JU/SJ
 Sample : K1793-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE117D2-20190305

Quant Time: Mar 09 00:47:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

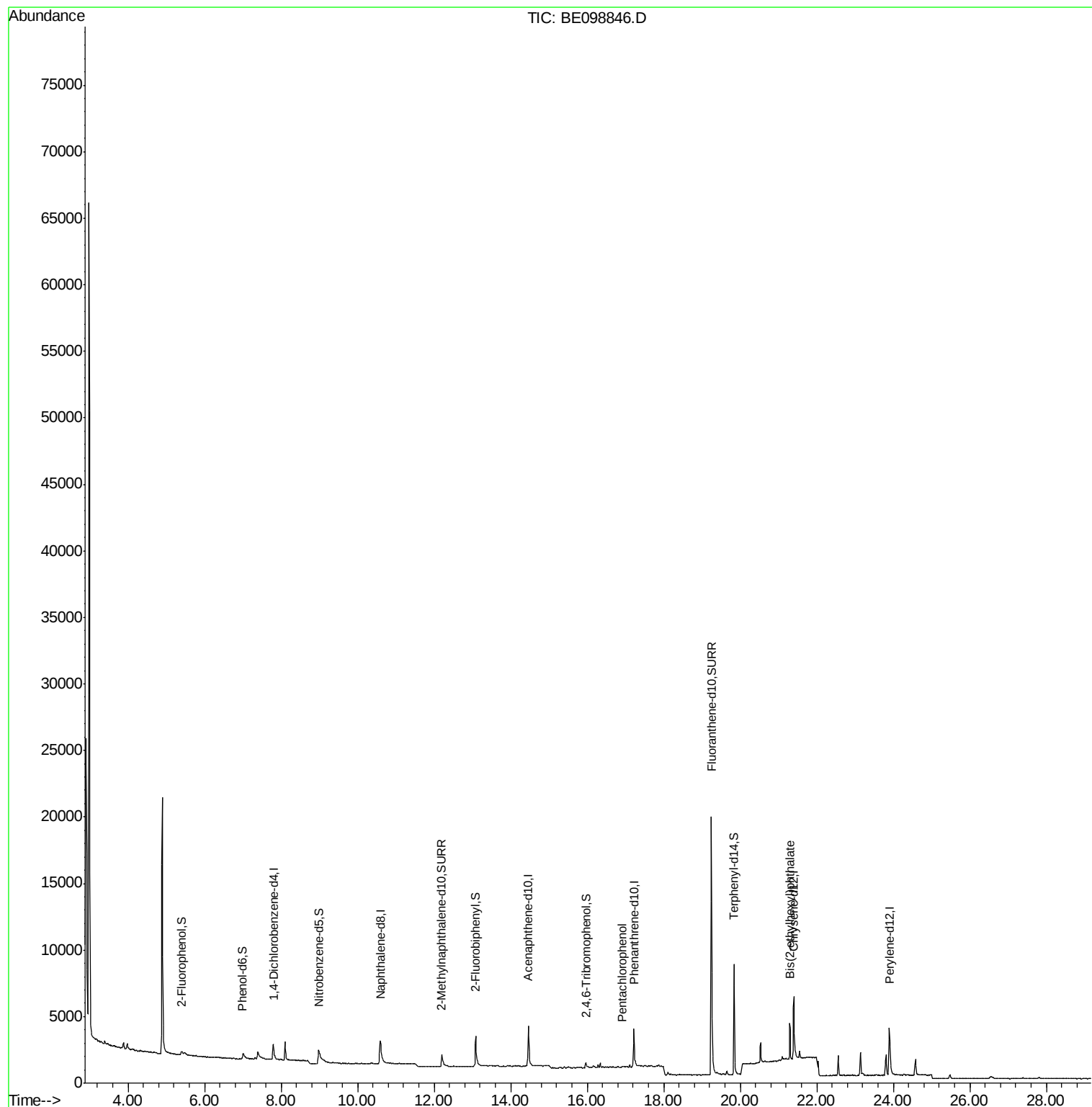
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	782	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3056	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2172	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5502	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6471	0.40	ng	0.00
34) Perylene-d12	23.90	264	6436	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	317	0.14	ng	0.01
5) Phenol-d6	6.99	99	296	0.09	ng	0.00
8) Nitrobenzene-d5	8.99	82	1172	0.37	ng	0.02
11) 2-Methylnaphthalene-d10	12.19	152	2143	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	406	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3667	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	31522	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	7878	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	38	Below Cal	#	21
22) Pentachlorophenol	16.91	266	27	0.287 ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	3780	0.088 ng	#	99

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

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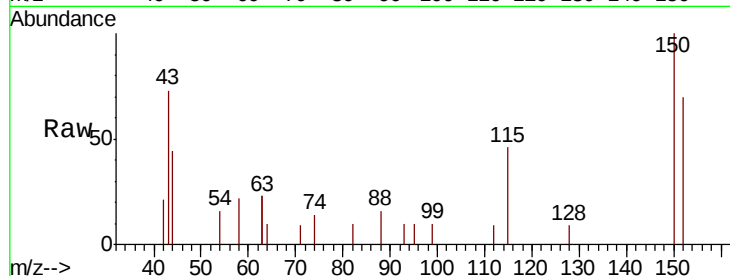


#1

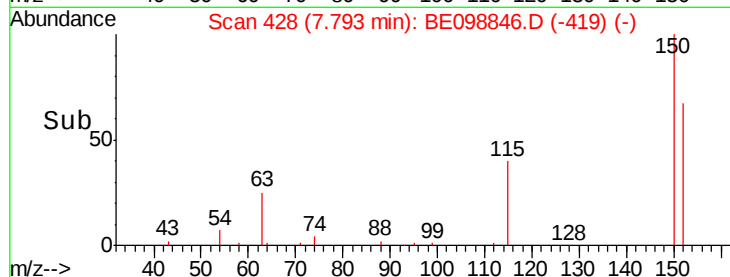
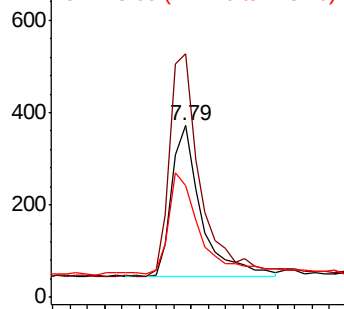
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098846.D
Acq: 8 Mar 2019 23:40

Instrument :
BNA_E
ClientSampleId :
RE117D2-20190305

Tot Ion:152 Resp: 782
Ion Ratio Lower Upper
152 100
150 142.0 122.5 183.7
115 65.0 57.4 86.2



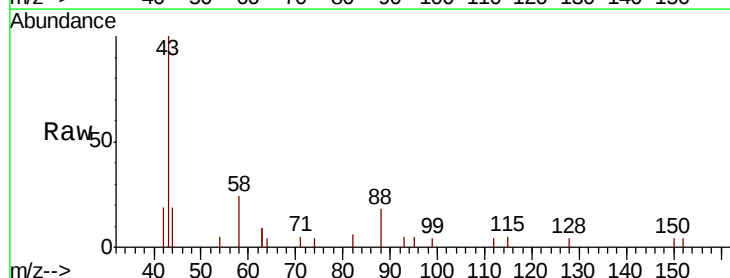
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



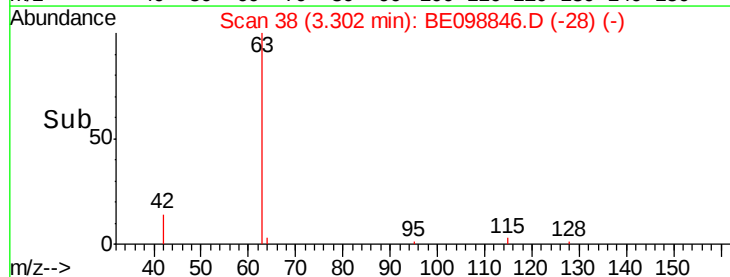
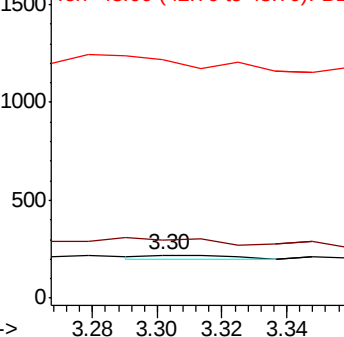
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.30 min Scan# 38
Delta R.T. 0.01 min
Lab File: BE098846.D
Acq: 8 Mar 2019 23:40

Tgt Ion: 88 Resp: 38
Ion Ratio Lower Upper
88 100
58 173.7 75.8 113.6#
43 0.0 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: 0.136 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098846.D

Acq: 8 Mar 2019 23:40

Instrument :

BNA_E

ClientSampleId :

RE117D2-20190305

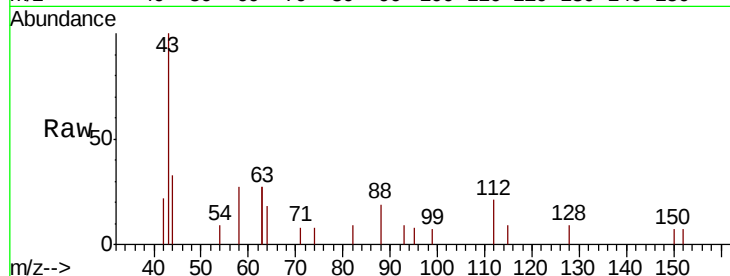
Tot Ion: 112 Resp: 317

Ion Ratio Lower Upper

112 100

64 78.5 57.9 86.9

63 206.6 158.3 237.5



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

400

300

200

100

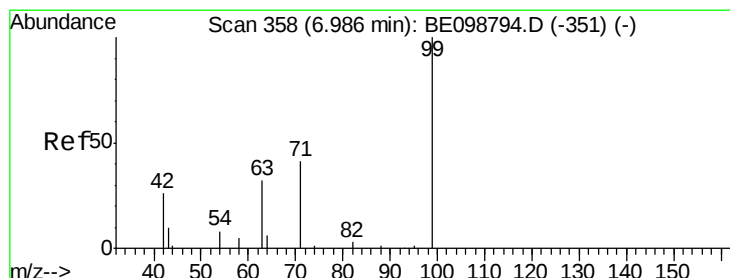
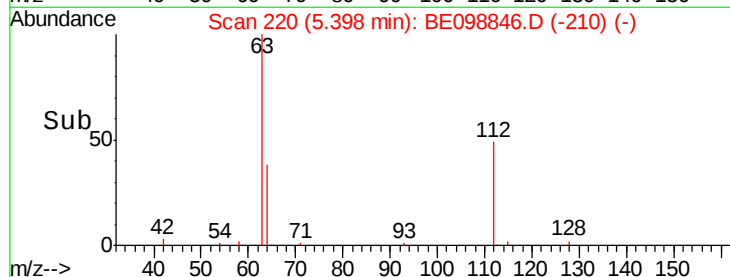
0

5.30

5.40

5.50

Time-->



#5

Phenol-d6

Concen: 0.090 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098846.D

Acq: 8 Mar 2019 23:40

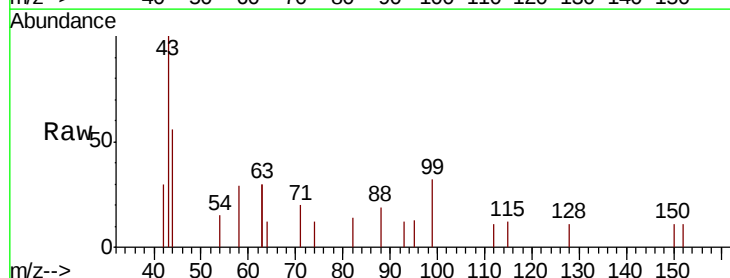
Tgt Ion: 99 Resp: 296

Ion Ratio Lower Upper

99 100

42 49.3 24.2 36.2#

71 44.3 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

200

150

100

50

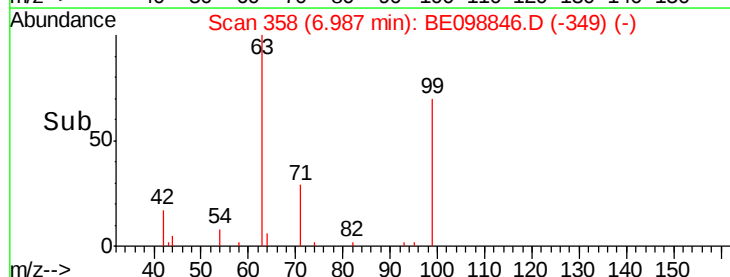
0

6.90

7.00

7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098846.D

Acq: 8 Mar 2019 23:40

Instrument :

BNA_E

ClientSampleId :

RE117D2-20190305

Tot Ion:136 Resp: 3056

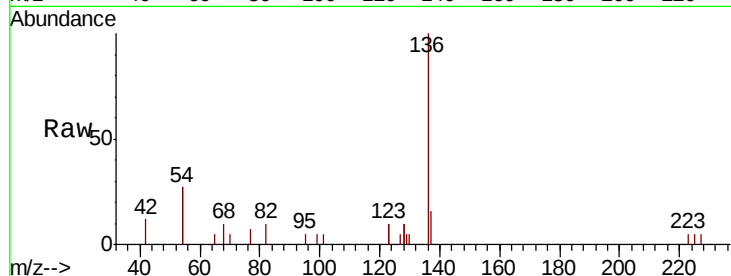
Ion Ratio Lower Upper

136 100

137 15.7 11.4 17.0

54 54.9 39.3 58.9

68 9.8 6.7 10.1

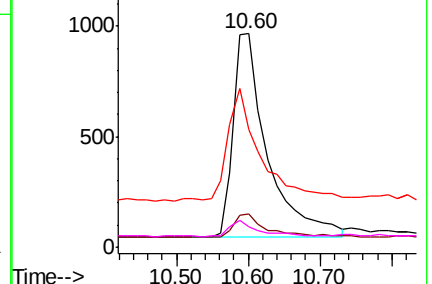
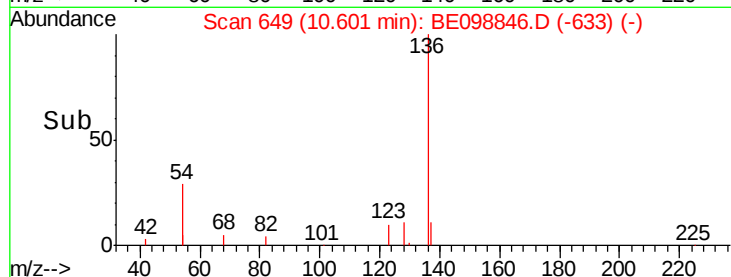


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.366 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.02 min

Lab File: BE098846.D

Acq: 8 Mar 2019 23:40

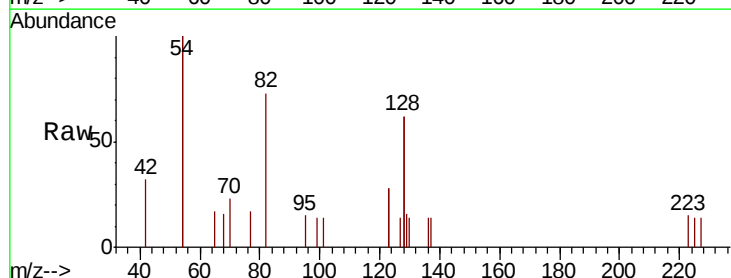
Tgt Ion: 82 Resp: 1172

Ion Ratio Lower Upper

82 100

128 168.0 123.8 185.8

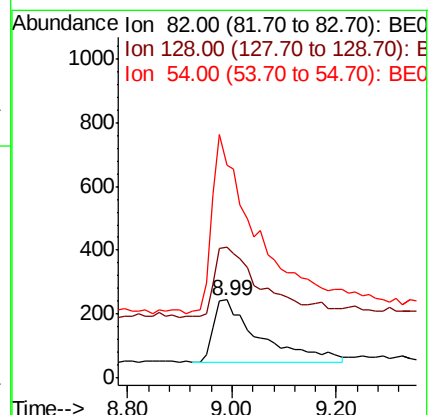
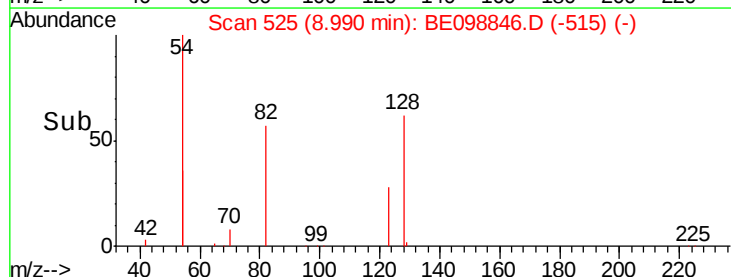
54 273.0 203.4 305.2



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

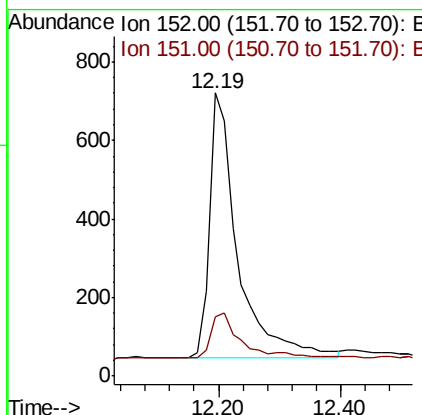
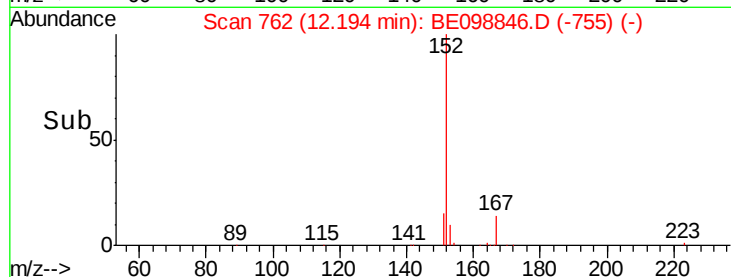
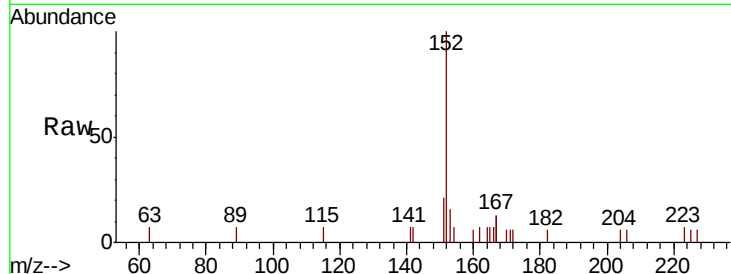




#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098846.D
Acq: 8 Mar 2019 23:40

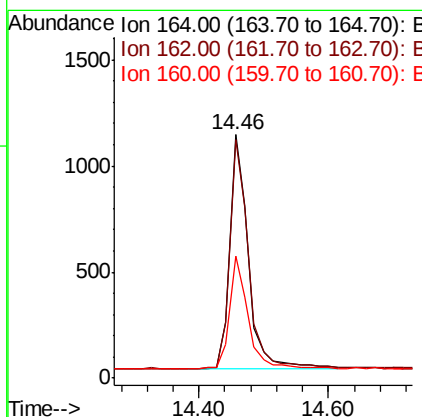
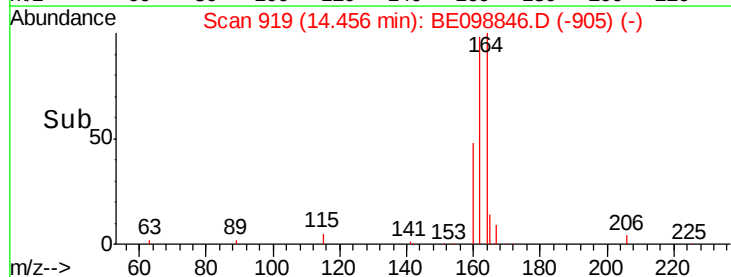
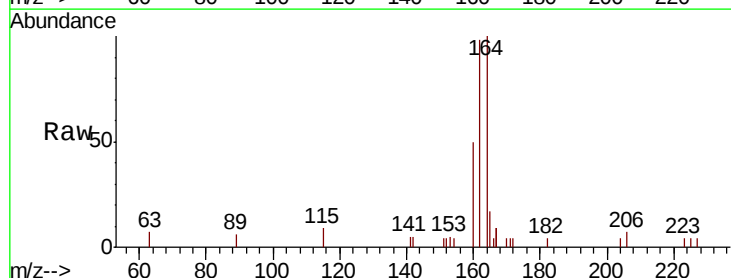
Instrument :
BNA_E
ClientSampleId :
RE117D2-20190305

Tot Ion:152 Resp: 2143
Ion Ratio Lower Upper
152 100
151 18.9 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098846.D
Acq: 8 Mar 2019 23:40

Tgt Ion:164 Resp: 2172
Ion Ratio Lower Upper
164 100
162 97.8 80.2 120.2
160 49.9 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.370 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098846.D

Acq: 8 Mar 2019 23:40

Instrument :

BNA_E

ClientSampleId :

RE117D2-20190305

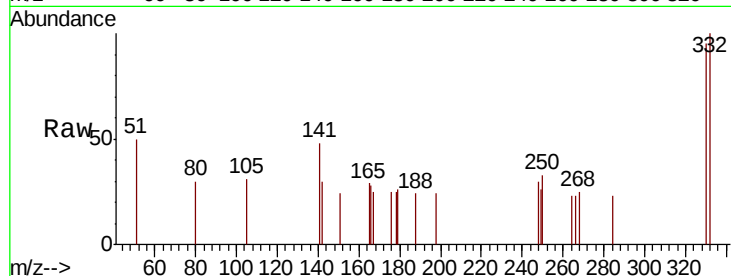
Tot Ion:330 Resp: 406

Ion Ratio Lower Upper

330 100

332 94.1 77.6 116.4

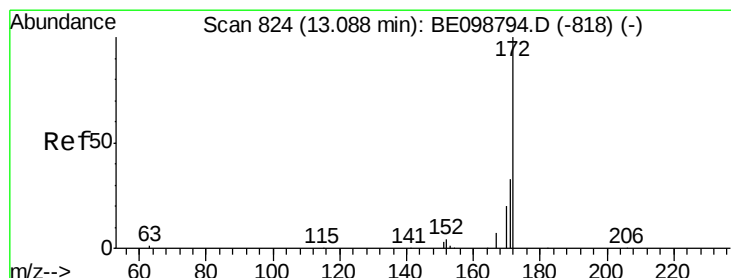
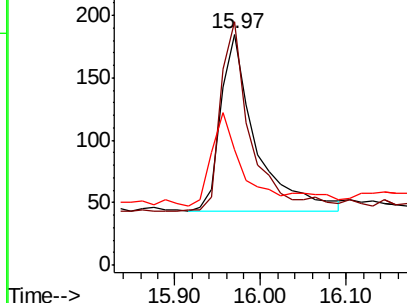
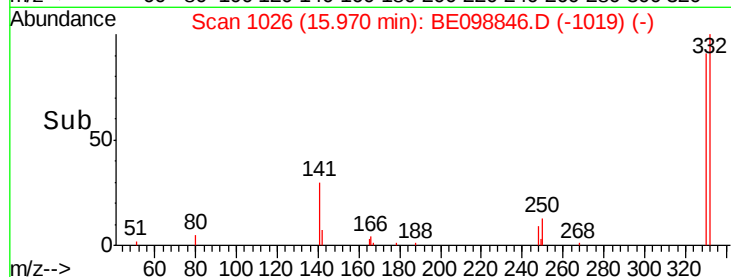
141 47.8 31.0 46.4#



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

2-Fluorobiphenyl

Concen: 0.408 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE098846.D

Acq: 8 Mar 2019 23:40

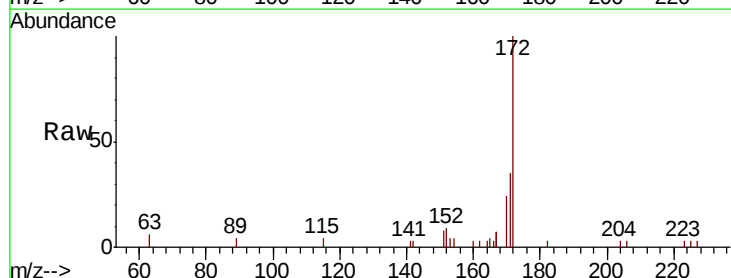
Tgt Ion:172 Resp: 3667

Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

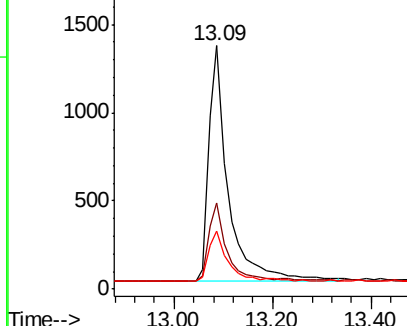
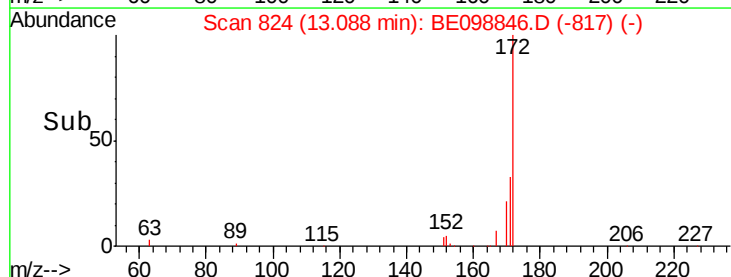
170 24.0 17.7 26.5



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098846.D

Acq: 8 Mar 2019 23:40

Instrument :

BNA_E

ClientSampleId :

RE117D2-20190305

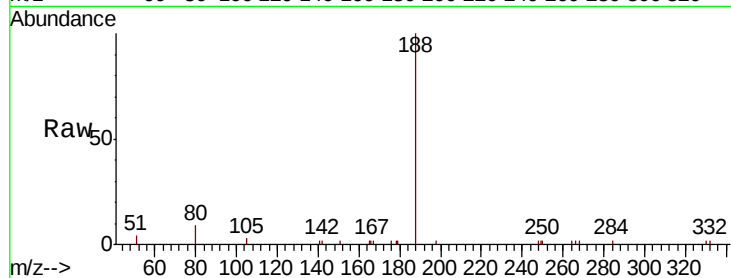
Tot Ion:188 Resp: 5502

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

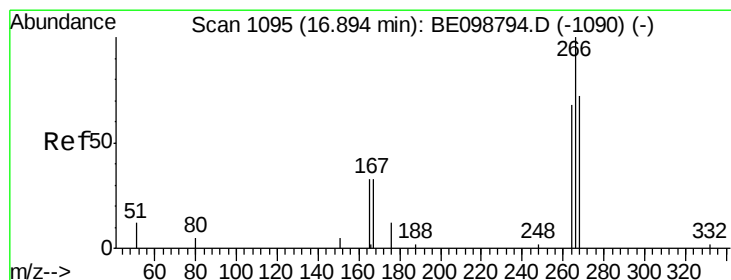
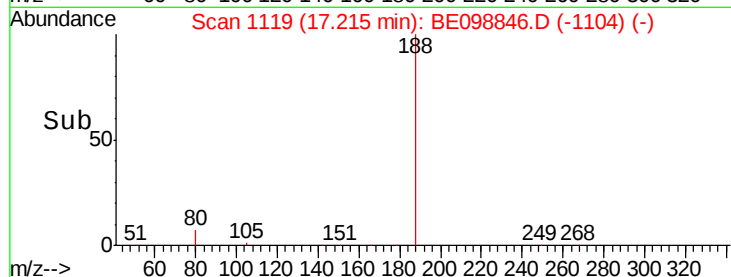
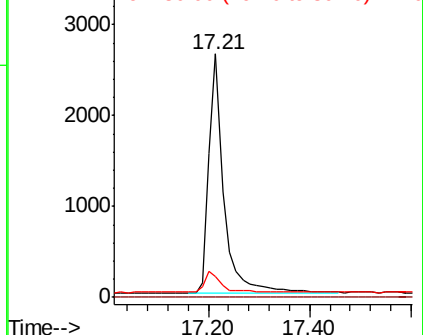
80 8.8 6.3 9.5



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: 0.287 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098846.D

Acq: 8 Mar 2019 23:40

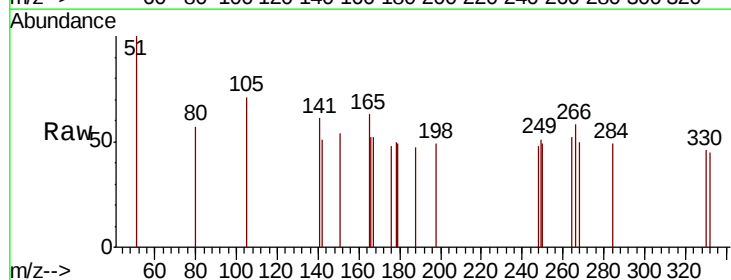
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 89.5 66.6 100.0

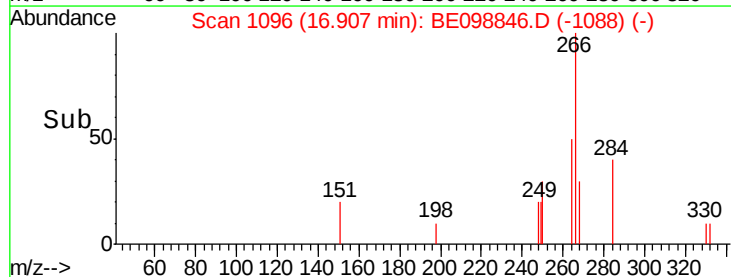
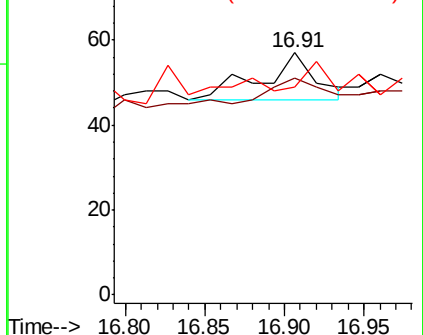
268 86.0 69.8 104.8



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: 0.359 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098846.D

Acq: 8 Mar 2019 23:40

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RE117D2-20190305

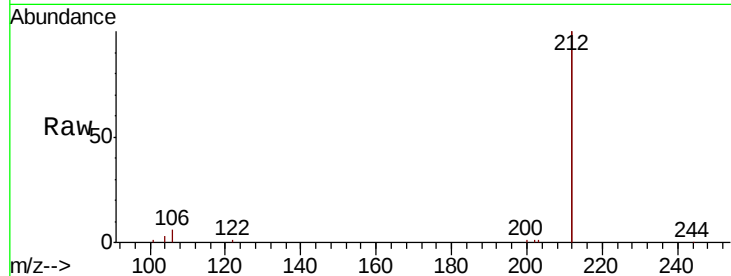
Tot Ion:212 Resp: 31522

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

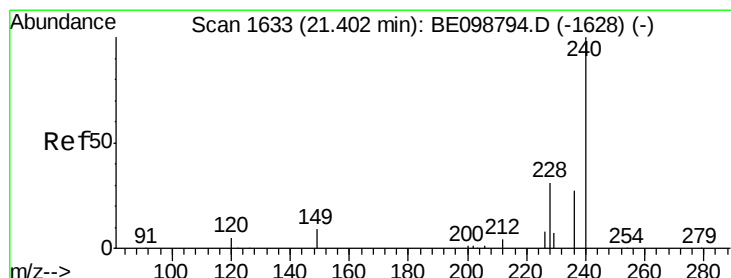
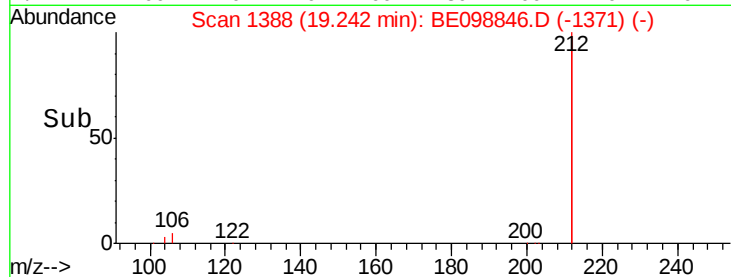
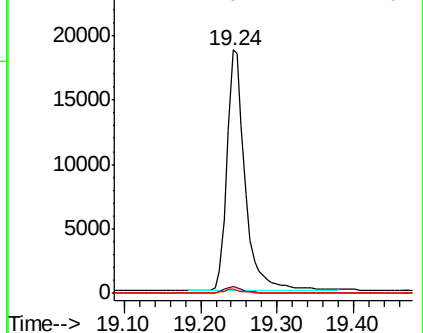
104 1.4 1.0 1.6



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: BE098846.D

Acq: 8 Mar 2019 23:40

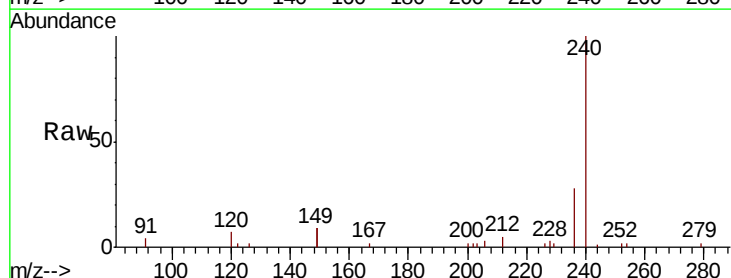
Tgt Ion:240 Resp: 6471

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.4

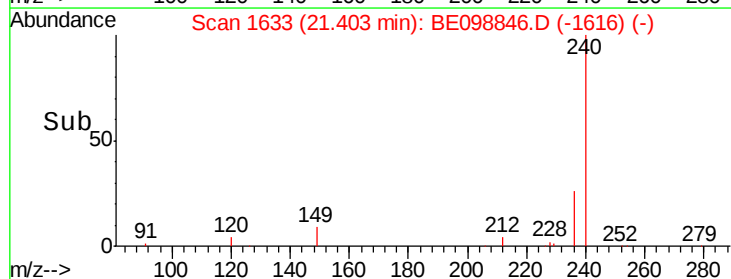
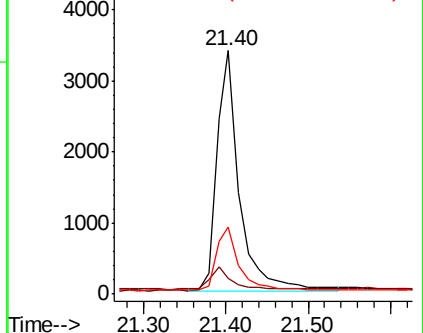
236 27.7 22.7 34.1

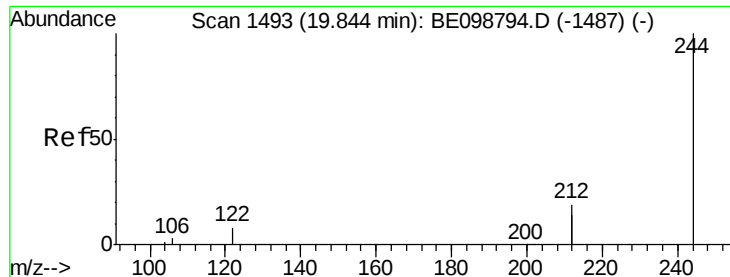


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.501 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098846.D

Acq: 8 Mar 2019 23:40

Instrument :

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ClientSampleId :

RE117D2-20190305

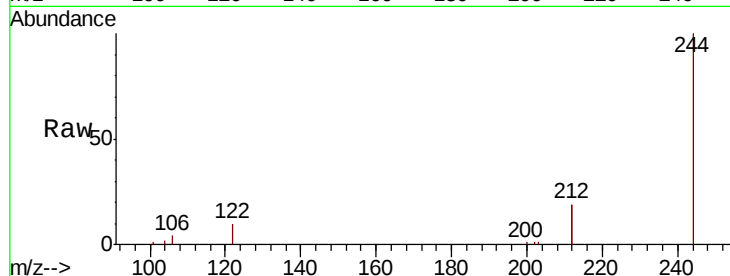
Tot Ion:244 Resp: 7878

Ion Ratio Lower Upper

244 100

212 37.4 29.4 44.2

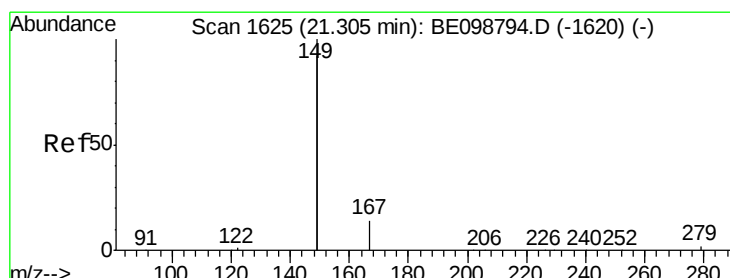
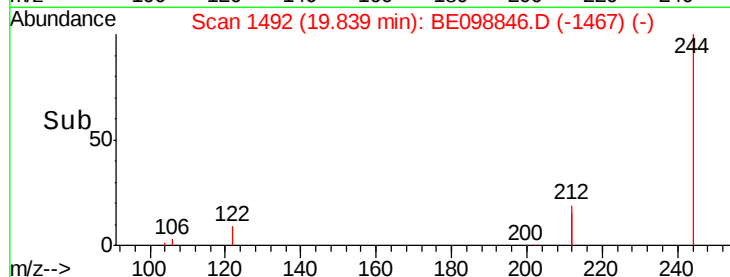
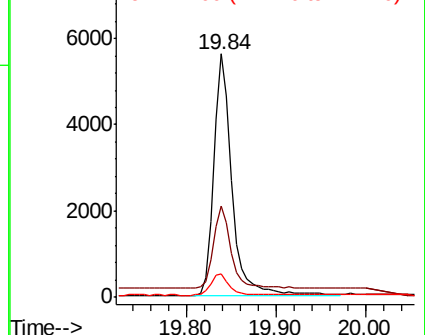
122 9.7 7.1 10.7



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: 0.088 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098846.D

Acq: 8 Mar 2019 23:40

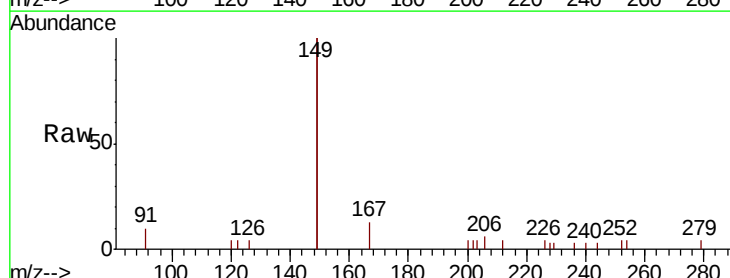
Tgt Ion:149 Resp: 3780

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

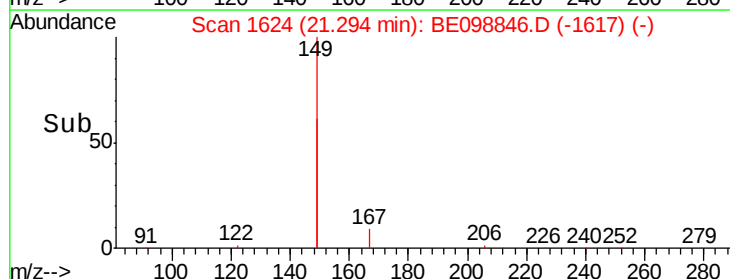
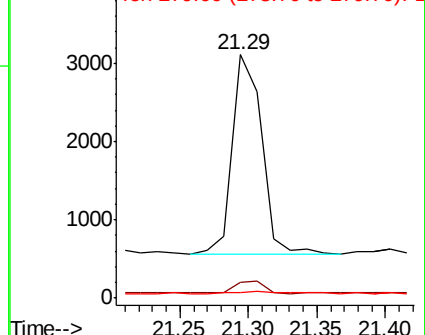
279 1.9 1.0 1.4#

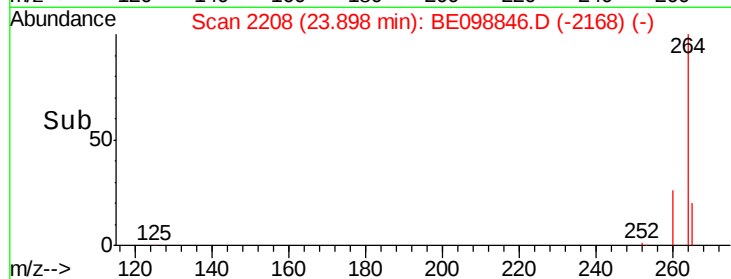
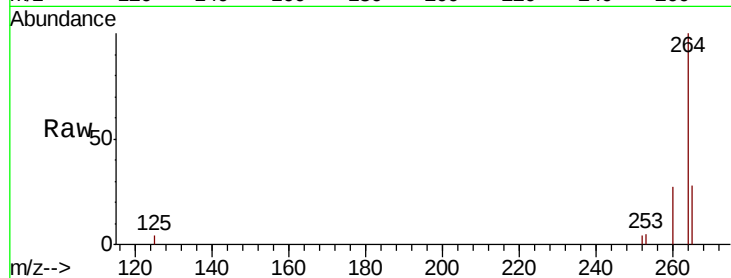


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098846.D
Acq: 8 Mar 2019 23:40

Instrument :
BNA_E
ClientSampleId :
RE117D2-20190305

Tot Ion:264 Resp: 6436
Ion Ratio Lower Upper
264 100
260 27.3 21.2 31.8
265 28.2 24.6 36.8

