

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098863.D
 Acq On : 11 Mar 2019 14:53
 Operator : JU/SJ
 Sample : K1793-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RE131D2-20190305DL

Quant Time: Mar 11 16:39:23 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

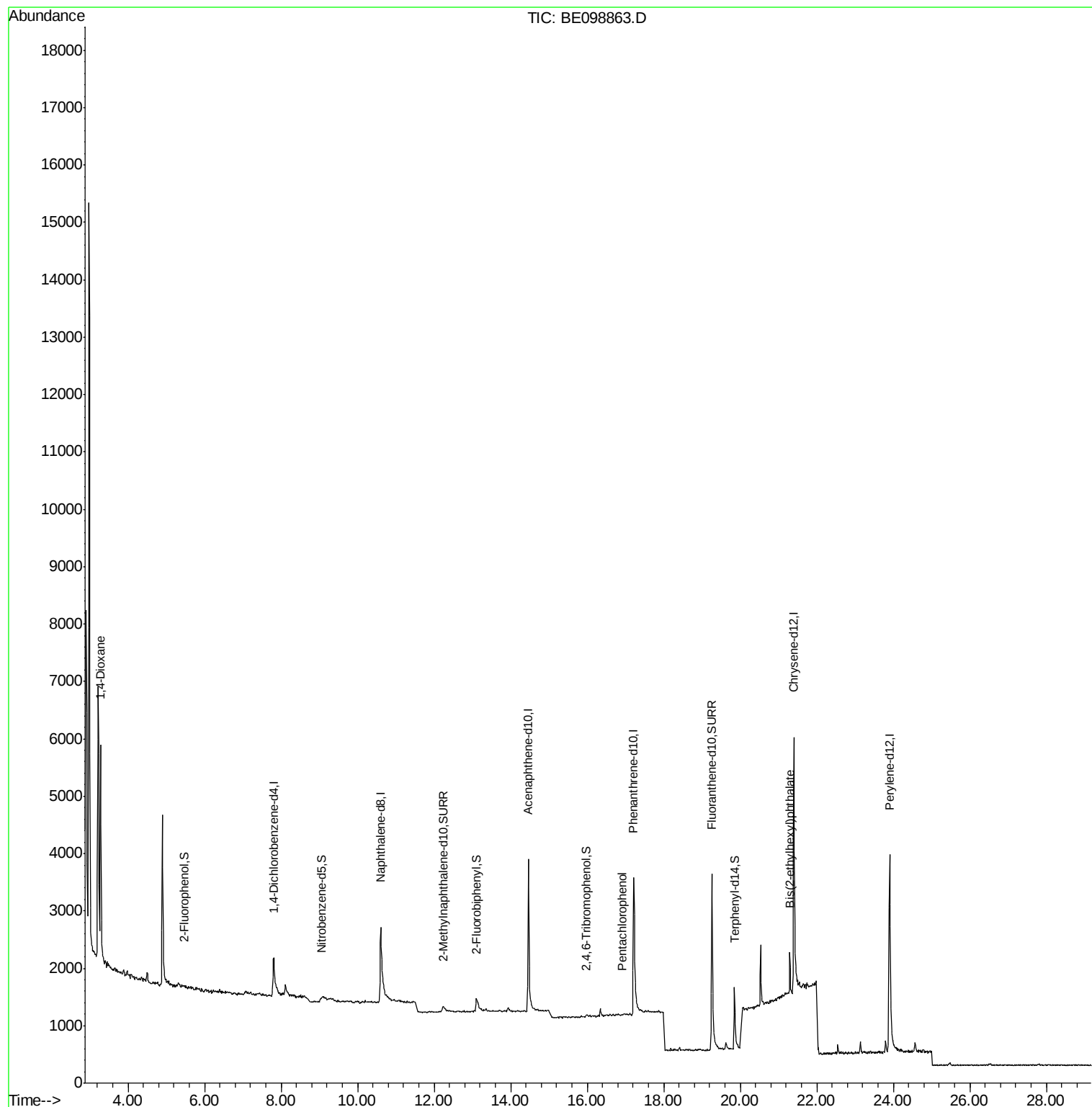
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	674	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3025	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2325	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5890	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6753	0.40	ng	0.00
34) Perylene-d12	23.90	264	6676	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	63	0.03	ng	0.07
5) Phenol-d6	6.93	99	3	0.00	ng	-0.05
8) Nitrobenzene-d5	9.07	82	110	0.03	ng	0.10
11) 2-Methylnaphthalene-d10	12.24	152	488	0.09	ng	0.04
14) 2,4,6-Tribromophenol	15.98	330	63	0.05	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	693	0.07	ng	0.01
25) Fluoranthene-d10	19.26	212	6878	0.07	ng	0.01
29) Terphenyl-d14	19.85	244	1507	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	2098	1.918	ng	95
22) Pentachlorophenol	16.92	266	3	0.267	ng	90
32) Bis(2-ethylhexyl)phthalate	21.29	149	1064	0.024	ng	# 99

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

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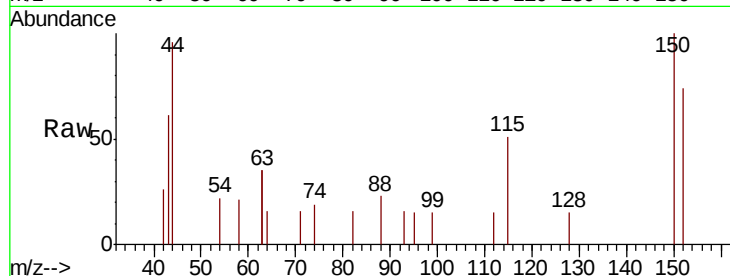


#1

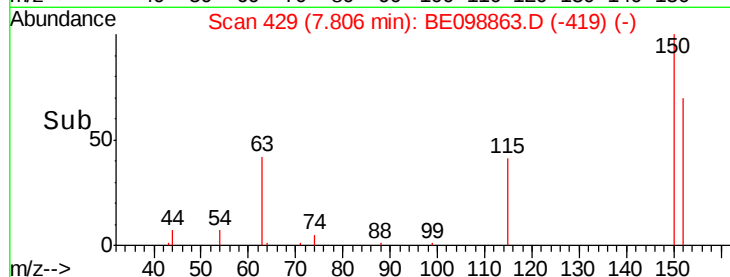
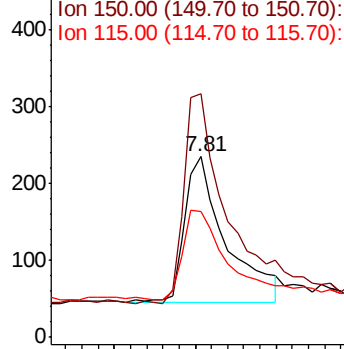
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098863.D
Acq: 11 Mar 2019 14:53

Instrument :
BNA_M
ClientSampleId :
RE131D2-20190305DL

Tot Ion:152 Resp: 674
Ion Ratio Lower Upper
152 100
150 134.9 122.5 183.7
115 69.4 57.4 86.2



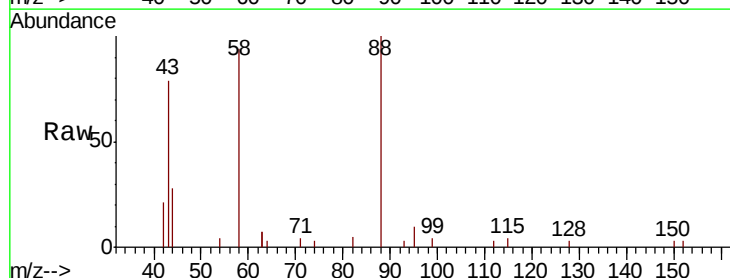
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



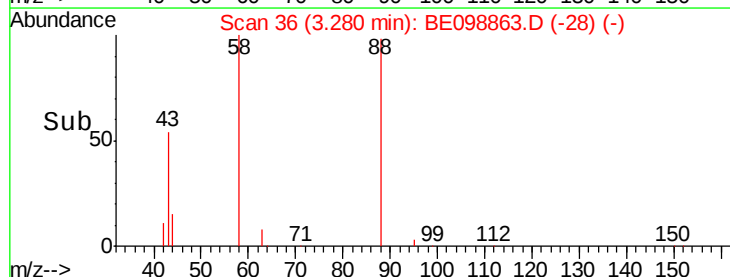
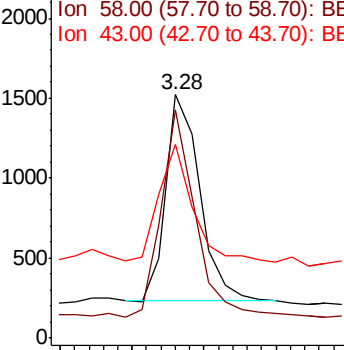
#2

1,4-Dioxane
Concen: 1.918 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098863.D
Acq: 11 Mar 2019 14:53

Tgt Ion: 88 Resp: 2098
Ion Ratio Lower Upper
88 100
58 98.6 75.8 113.6
43 56.5 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: 0.031 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.07 min

Lab File: BE098863.D

Acq: 11 Mar 2019 14:53

Instrument :

BNA_M

ClientSampleId :

RE131D2-20190305DL

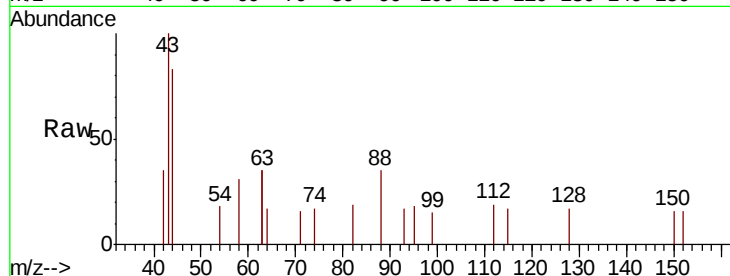
Tot Ion: 112 Resp: 63

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

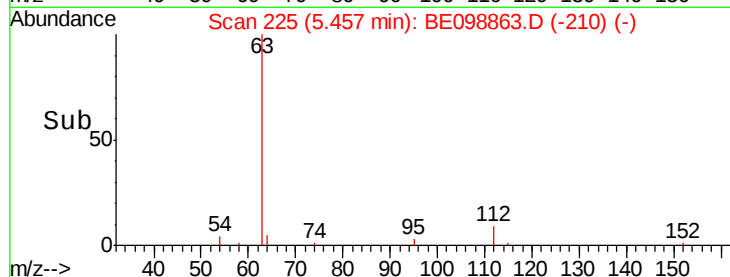
63 0.0 158.3 237.5#



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



Time--> 5.30 5.40 5.50 5.60



#5

Phenol-d6

Concen: 0.001 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.05 min

Lab File: BE098863.D

Acq: 11 Mar 2019 14:53

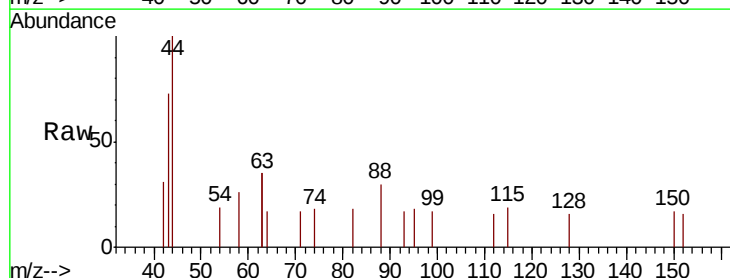
Tgt Ion: 99 Resp: 3

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

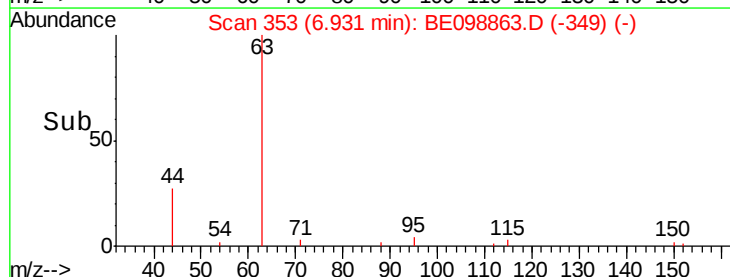
71 0.0 35.7 53.5#



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



Time--> 6.92 6.94 6.96



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098863.D

Acq: 11 Mar 2019 14:53

Instrument :

BNA_M

ClientSampleId :

RE131D2-20190305DL

Tot Ion:136 Resp: 3025

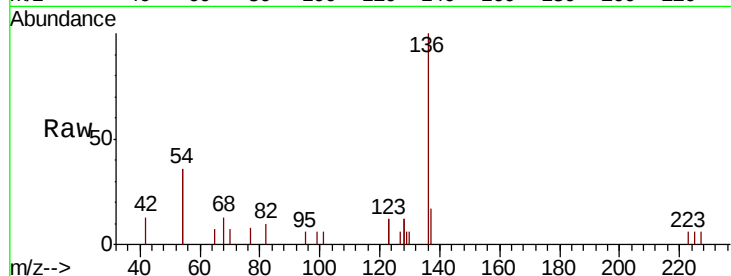
Ion Ratio Lower Upper

136 100

137 17.4 11.4 17.0#

54 72.3 39.3 58.9#

68 13.0 6.7 10.1#

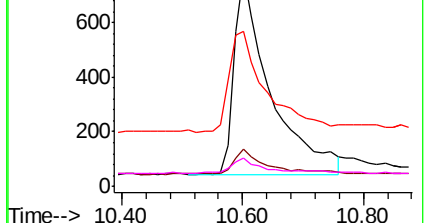
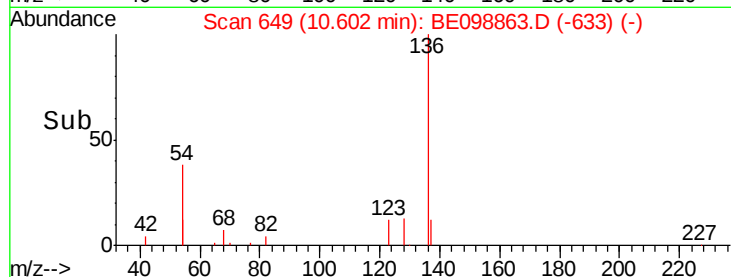


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.035 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.10 min

Lab File: BE098863.D

Acq: 11 Mar 2019 14:53

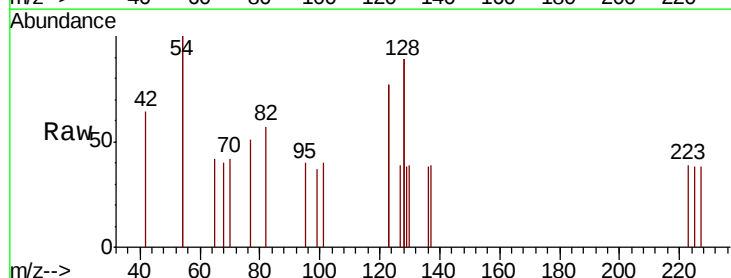
Tgt Ion: 82 Resp: 110

Ion Ratio Lower Upper

82 100

128 311.8 123.8 185.8#

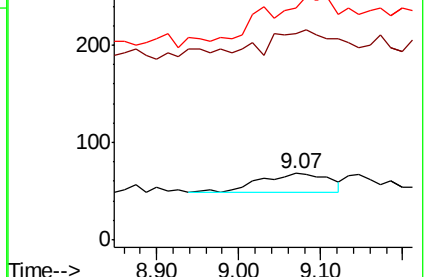
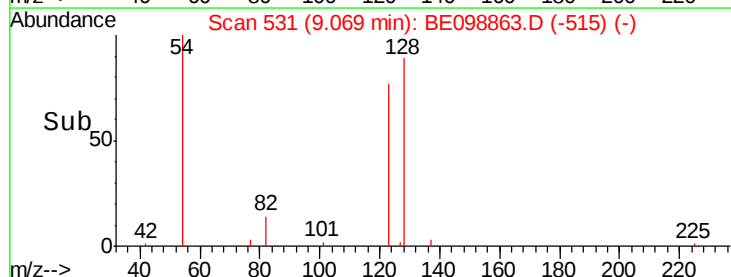
54 350.0 203.4 305.2#

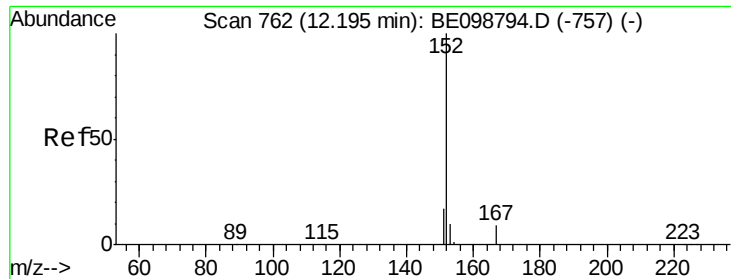


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

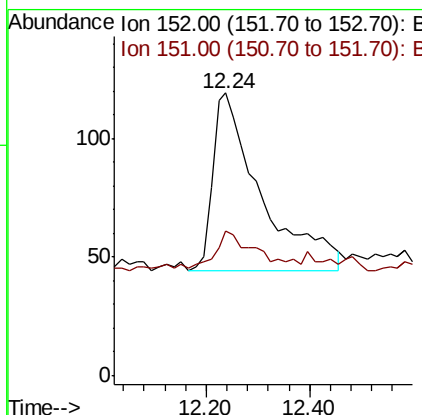
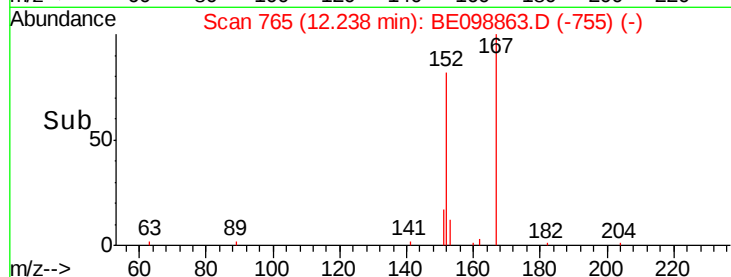
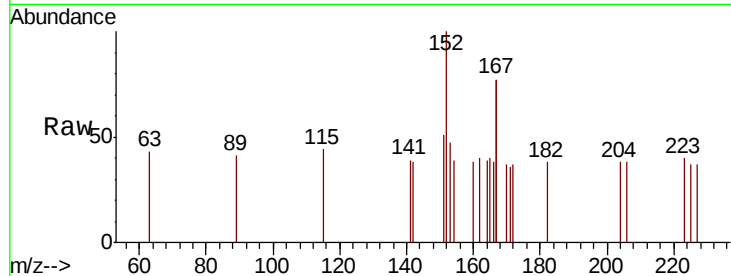




#11
2-Methylnaphthalene-d10
Concen: 0.087 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.04 min
Lab File: BE098863.D
Acq: 11 Mar 2019 14:53

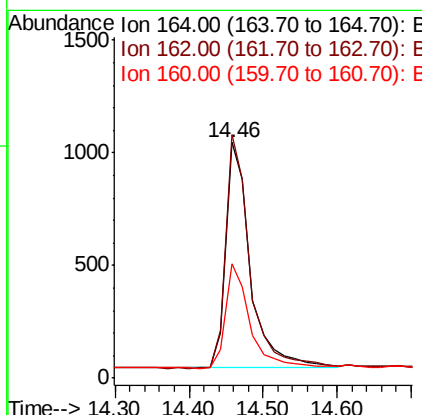
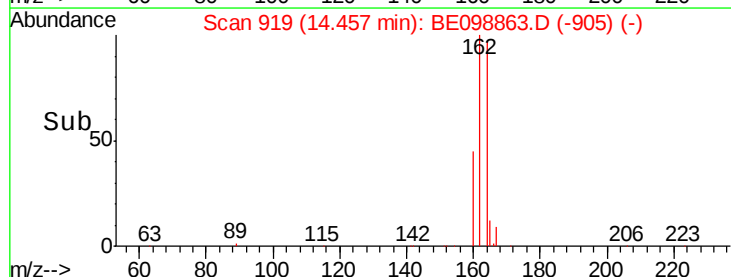
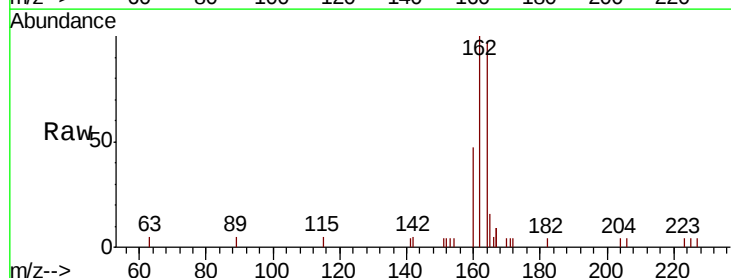
Instrument :
BNA_M
ClientSampleId :
RE131D2-20190305DL

Tot Ion:152 Resp: 488
Ion Ratio Lower Upper
152 100
151 16.4 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: BE098863.D
Acq: 11 Mar 2019 14:53

Tgt Ion:164 Resp: 2325
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 48.6 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.054 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098863.D

Acq: 11 Mar 2019 14:53

Instrument :

BNA_M

ClientSampleId :

RE131D2-20190305DL

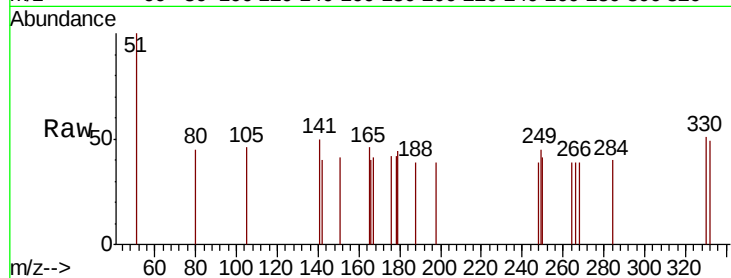
Tot Ion:330 Resp: 63

Ion Ratio Lower Upper

330 100

332 127.0 77.6 116.4#

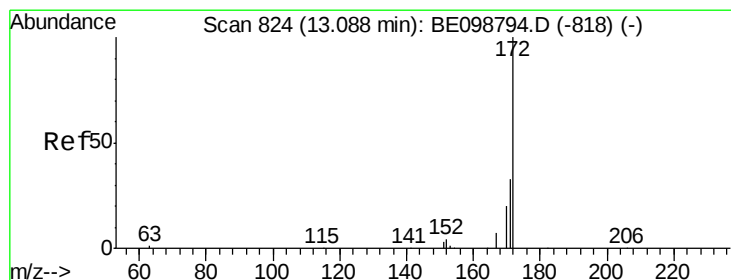
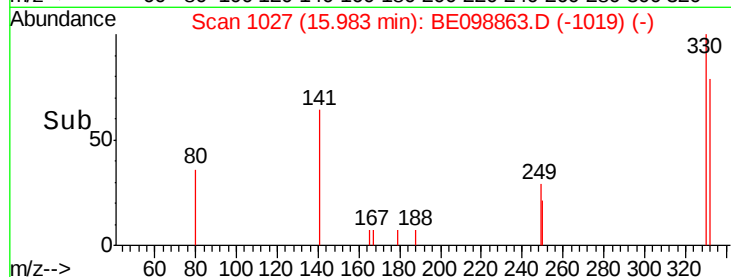
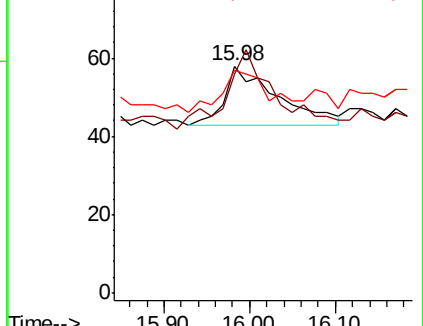
141 65.1 31.0 46.4#



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: 0.072 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.01 min

Lab File: BE098863.D

Acq: 11 Mar 2019 14:53

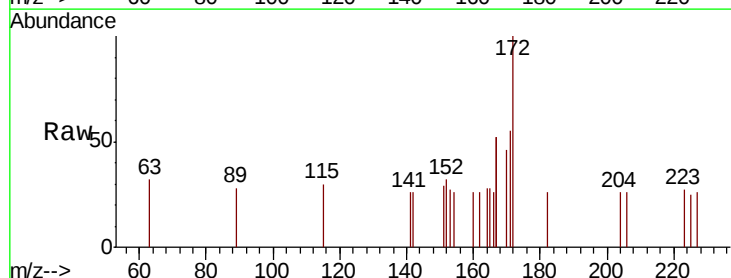
Tgt Ion:172 Resp: 693

Ion Ratio Lower Upper

172 100

171 54.6 28.0 42.0#

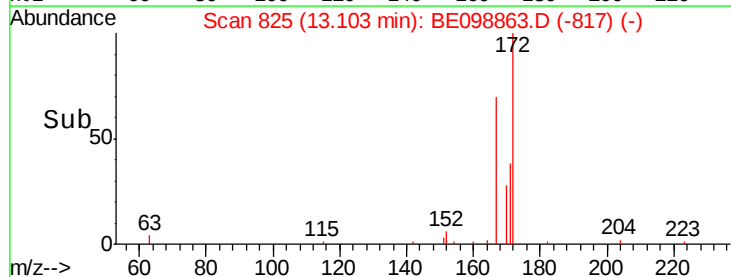
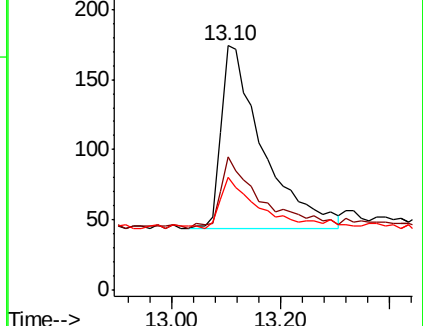
170 46.0 17.7 26.5#



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: BE098863.D

Acq: 11 Mar 2019 14:53

Instrument :

BNA_M

ClientSampleId :

RE131D2-20190305DL

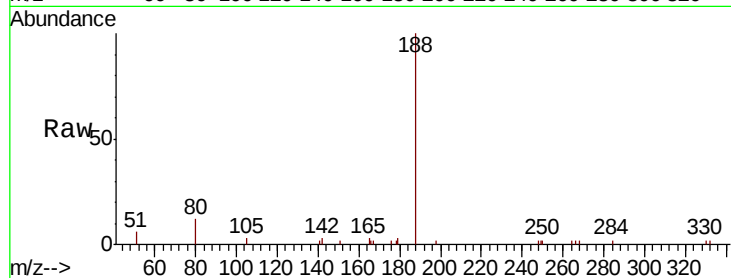
Tot Ion:188 Resp: 5890

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

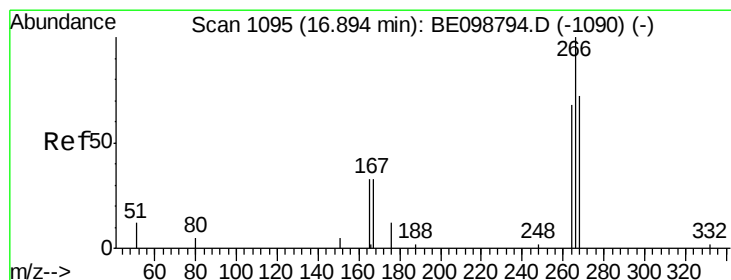
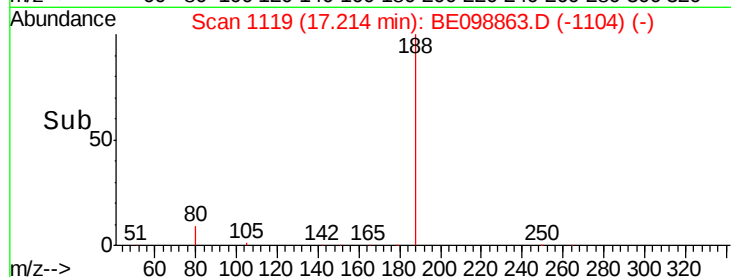
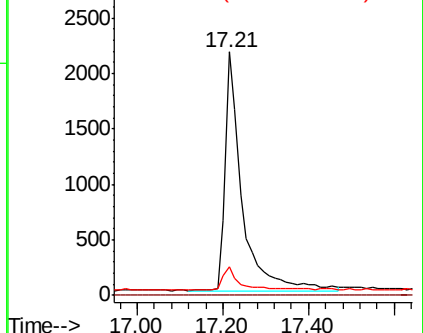
80 11.6 6.3 9.5#



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: 0.267 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098863.D

Acq: 11 Mar 2019 14:53

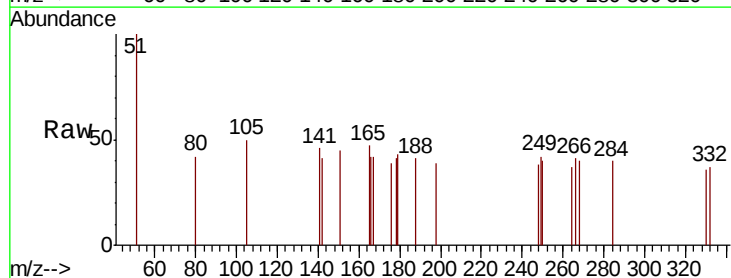
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 91.7 66.6 100.0

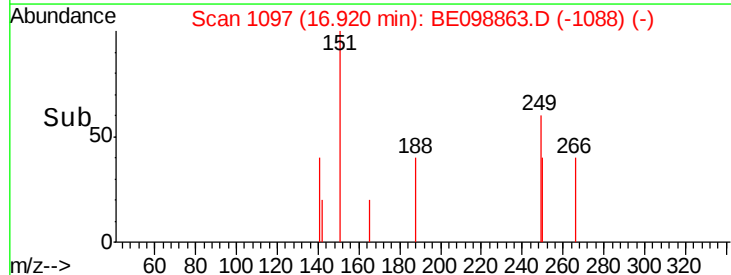
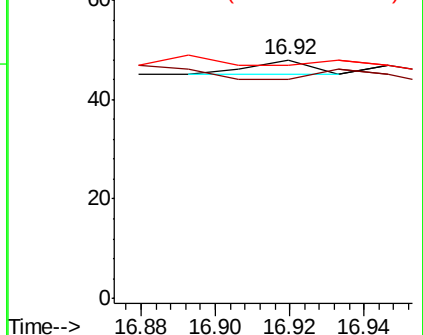
268 97.9 69.8 104.8



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: 0.073 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE098863.D

Acq: 11 Mar 2019 14:53

Instrument :

BNA_M

ClientSampleId :

RE131D2-20190305DL

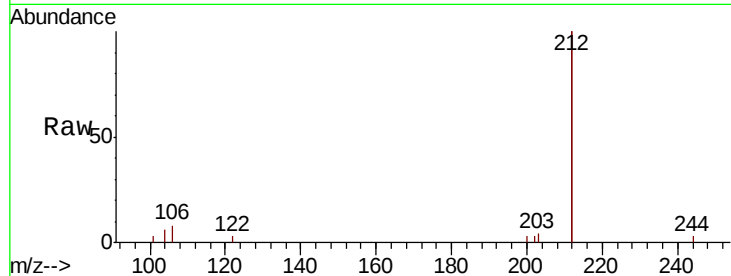
Tot Ion:212 Resp: 6878

Ion Ratio Lower Upper

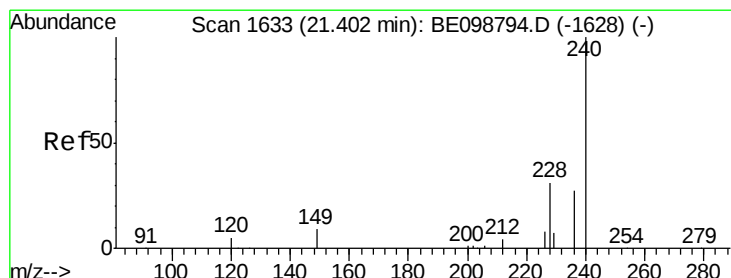
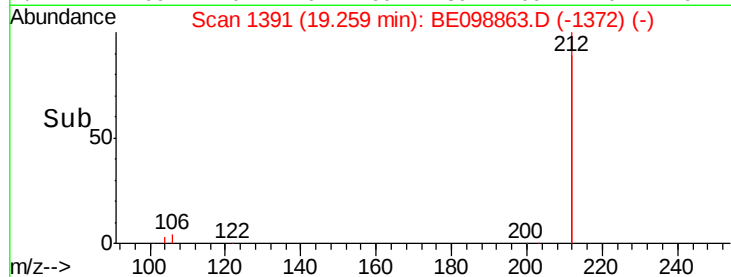
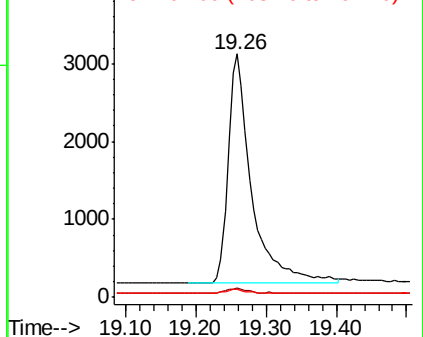
212 100

106 2.2 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: BE098863.D

Acq: 11 Mar 2019 14:53

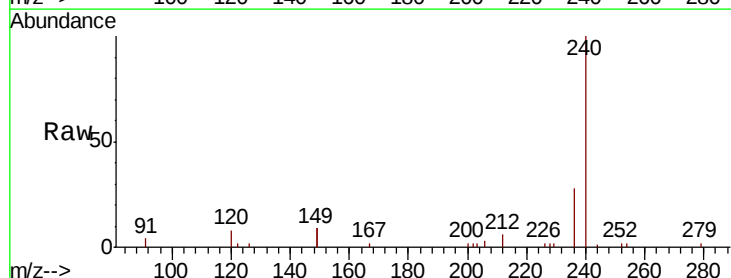
Tgt Ion:240 Resp: 6753

Ion Ratio Lower Upper

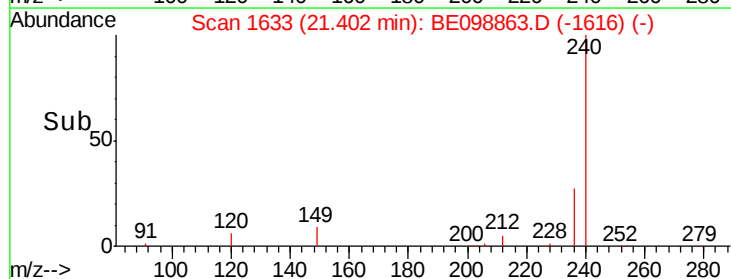
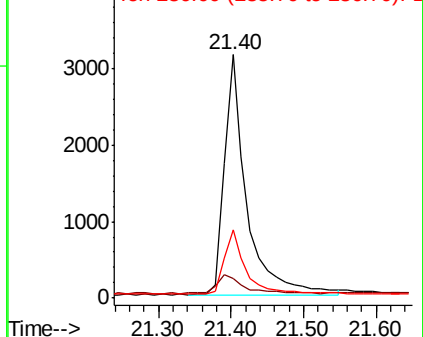
240 100

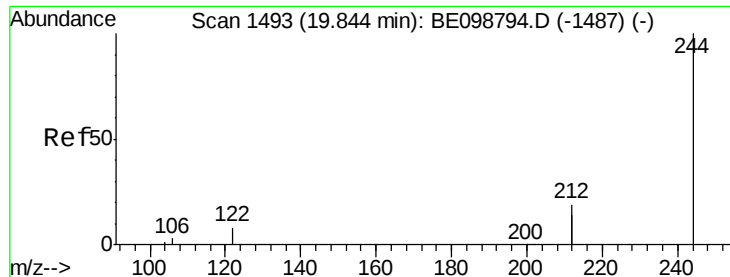
120 8.1 5.0 7.4#

236 28.1 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: 0.092 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098863.D

Acq: 11 Mar 2019 14:53

Instrument :

BNA_M

ClientSampleId :

RE131D2-20190305DL

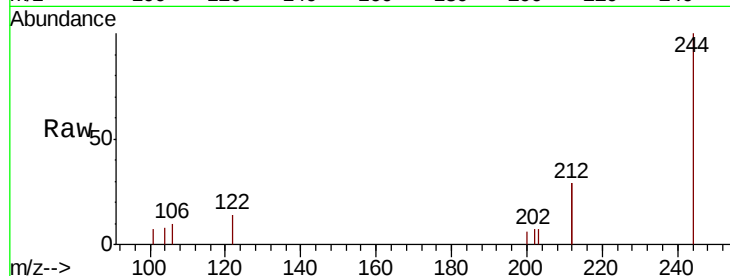
Tot Ion:244 Resp: 1507

Ion Ratio Lower Upper

244 100

212 57.5 29.4 44.2#

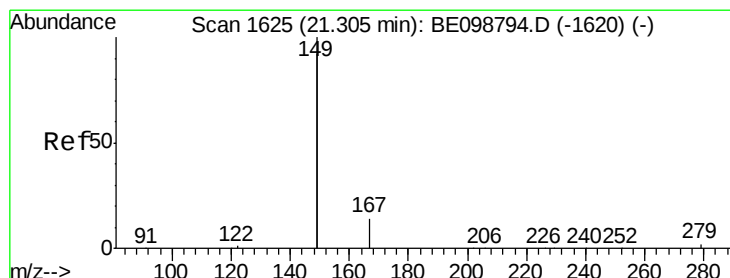
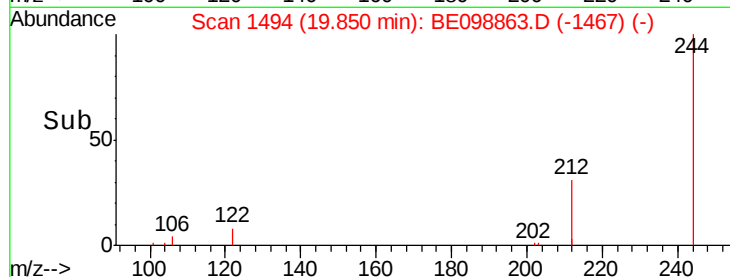
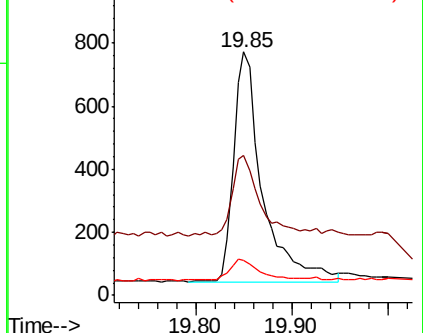
122 14.2 7.1 10.7#



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: 0.024 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098863.D

Acq: 11 Mar 2019 14:53

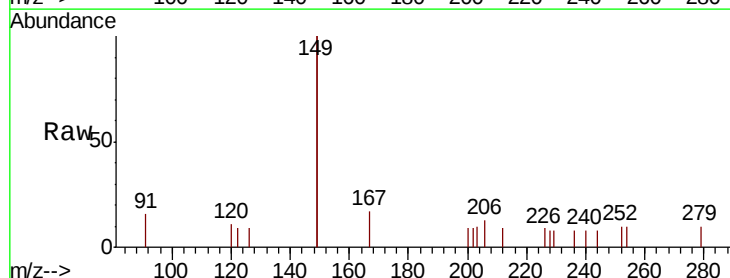
Tgt Ion:149 Resp: 1064

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

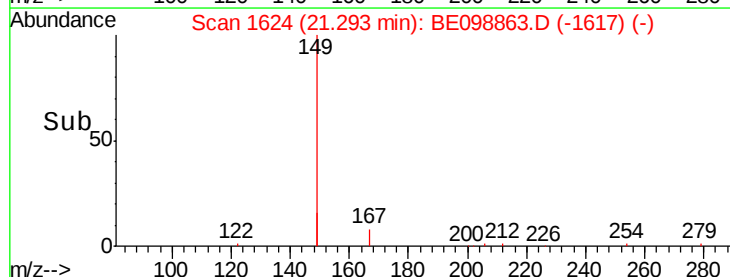
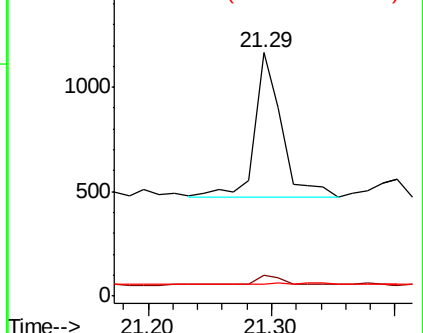
279 1.9 1.0 1.4#

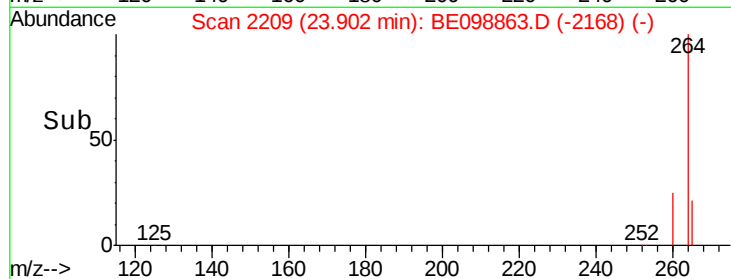
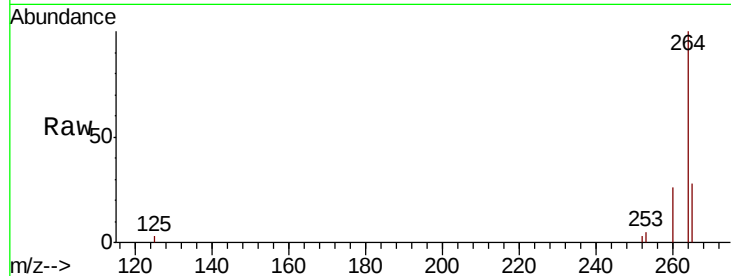


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2209

Delta R.T. -0.00 min

Lab File: BE098863.D

Acq: 11 Mar 2019 14:53

Instrument :

BNA_M

ClientSampleId :

RE131D2-20190305DL

Tot Ion:264 Resp: 6676

Ion Ratio Lower Upper

264 100

260 26.3 21.2 31.8

265 28.1 24.6 36.8

