

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030819\
 Data File : BE098840.D
 Acq On : 8 Mar 2019 18:36
 Operator : JU/SJ
 Sample : K1793-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20190305

Quant Time: Mar 09 01:51:33 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	833	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3323	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2301	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5485	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7327	0.40	ng	0.00
34) Perylene-d12	23.90	264	7026	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	284	0.11	ng	0.01
5) Phenol-d6	6.97	99	302	0.09	ng	-0.01
8) Nitrobenzene-d5	8.98	82	1186	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2016	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	444	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	3639	0.38	ng	-0.01
25) Fluoranthene-d10	19.24	212	28919	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	8047	0.45	ng	0.00

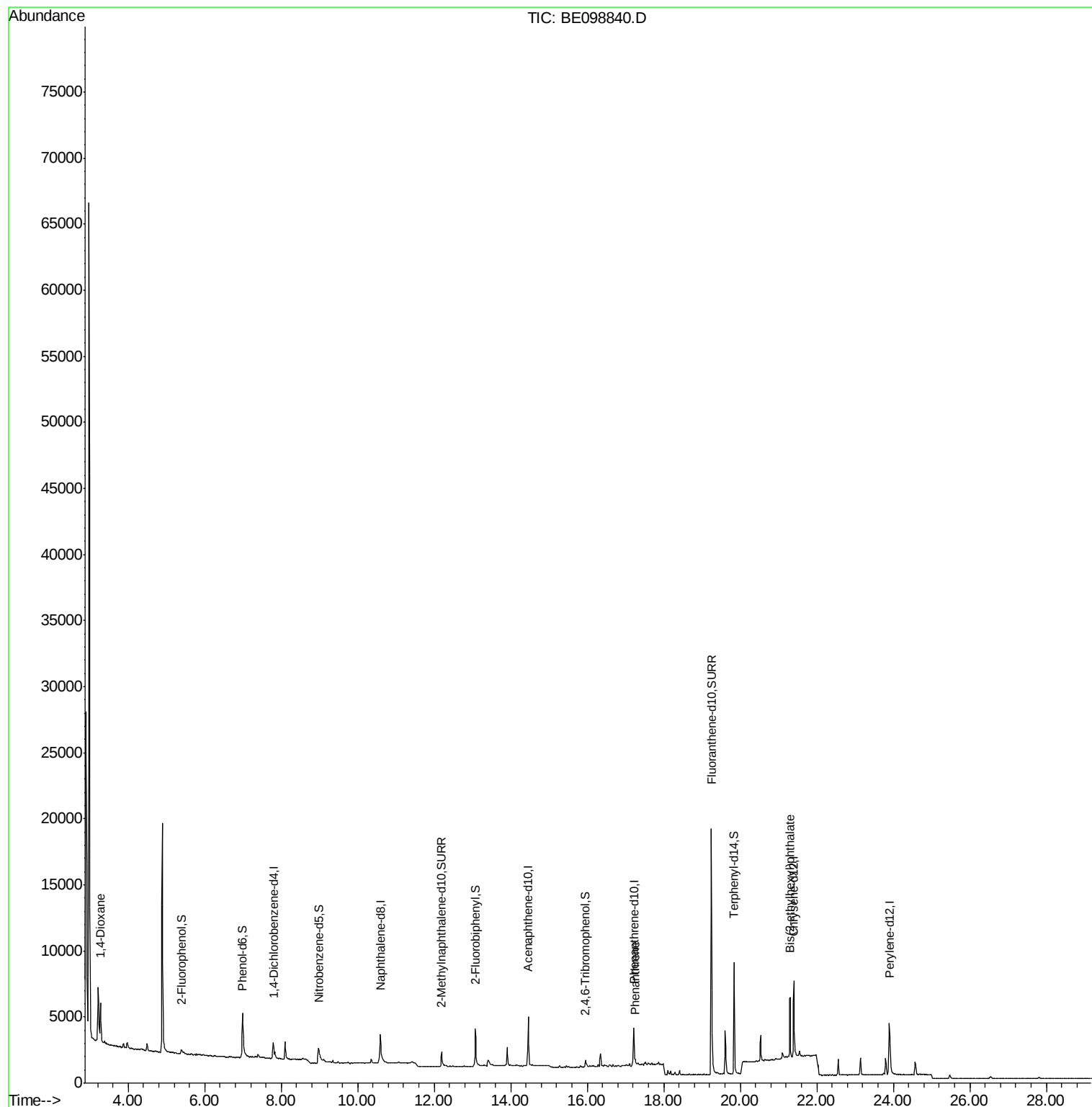
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	1655	1.186	ng	# 86
23) Phenanthrene	17.26	178	357	0.023	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.31	149	6846	0.141	ng	100

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

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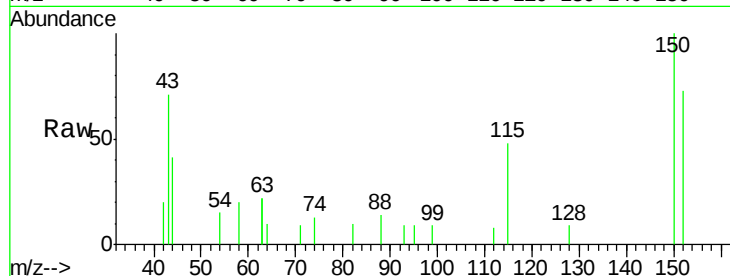


#1

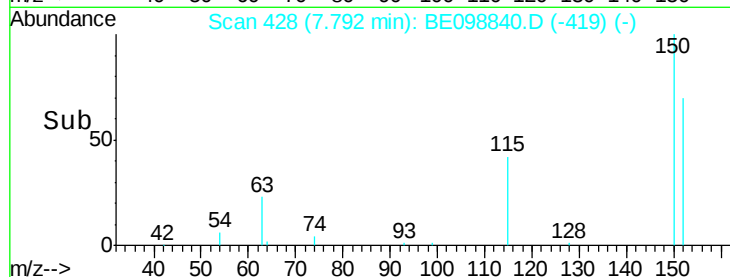
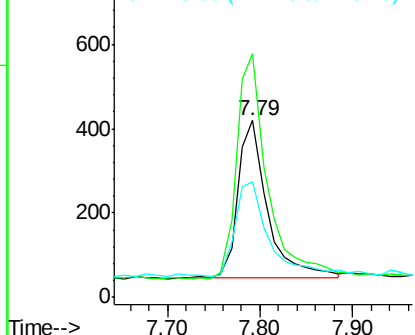
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tgt Ion:152 Resp: 833
Ion Ratio Lower Upper
152 100
150 137.7 122.5 183.7
115 65.6 57.4 86.2



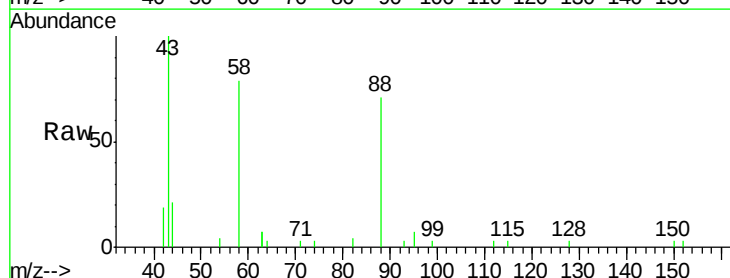
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



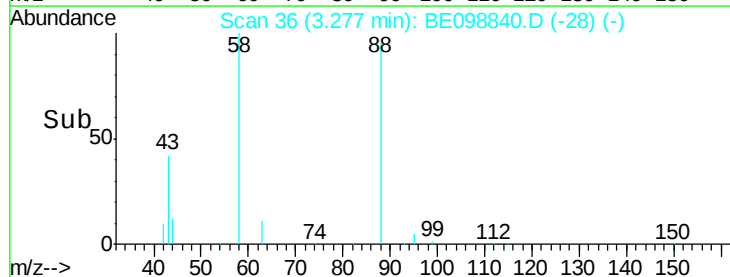
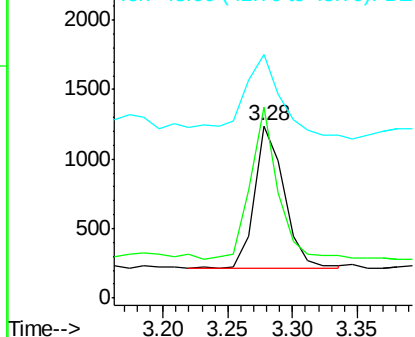
#2

1,4-Dioxane
Concen: 1.186 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion: 88 Resp: 1655
Ion Ratio Lower Upper
88 100
58 99.0 75.8 113.6
43 74.3 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: 0.114 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190305

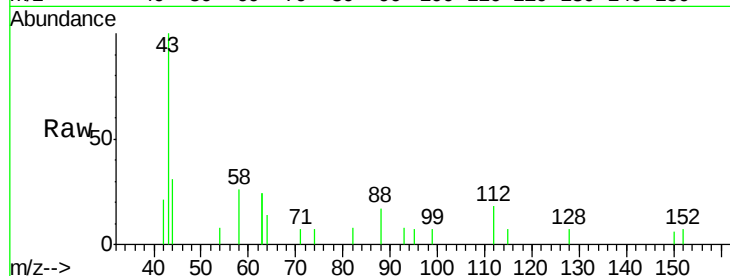
Tgt Ion: 112 Resp: 284

Ion Ratio Lower Upper

112 100

64 106.3 57.9 86.9#

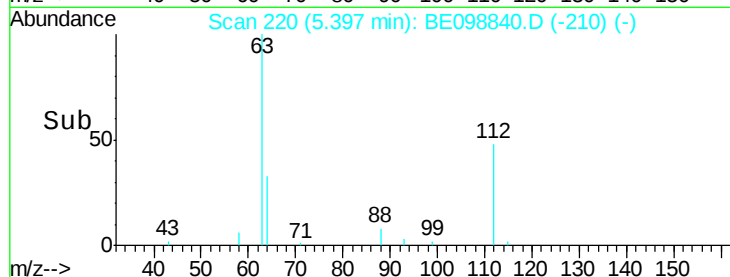
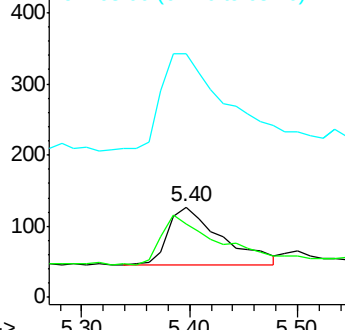
63 224.6 158.3 237.5



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



#5

Phenol-d6

Concen: 0.086 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

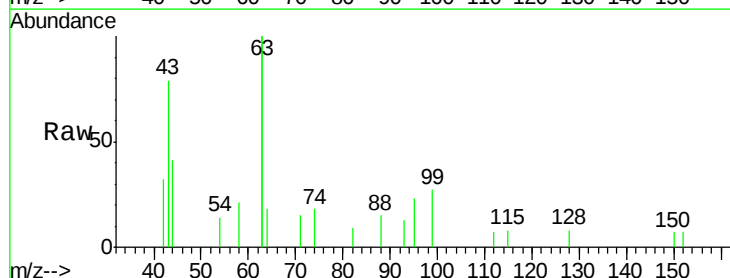
Tgt Ion: 99 Resp: 302

Ion Ratio Lower Upper

99 100

42 110.3 24.2 36.2#

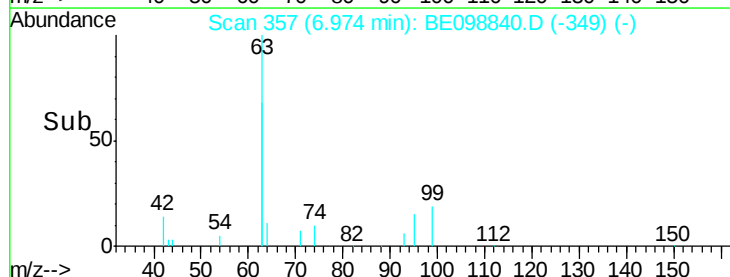
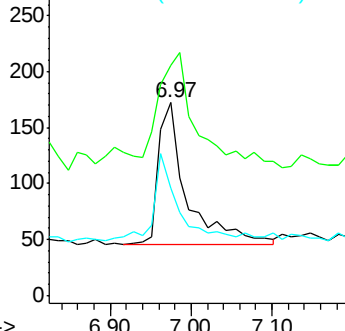
71 0.0 35.7 53.5#



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190305

Tgt Ion:136 Resp: 3323

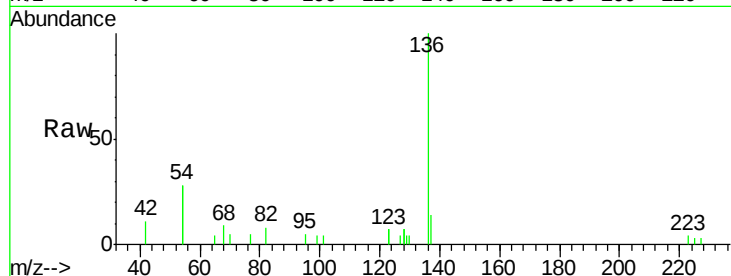
Ion Ratio Lower Upper

136 100

137 14.3 11.4 17.0

54 56.6 39.3 58.9

68 8.9 6.7 10.1

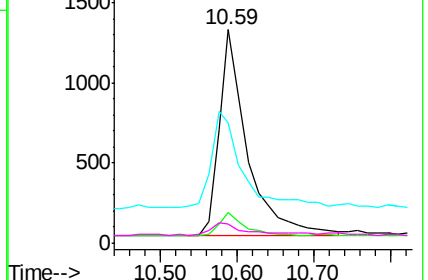
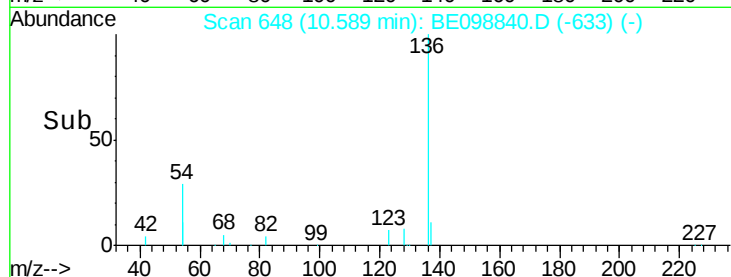


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.340 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

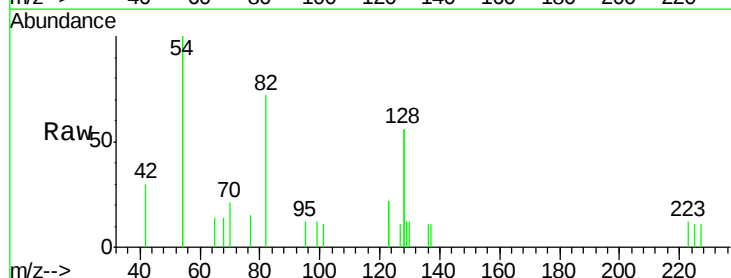
Tgt Ion: 82 Resp: 1186

Ion Ratio Lower Upper

82 100

128 156.1 123.8 185.8

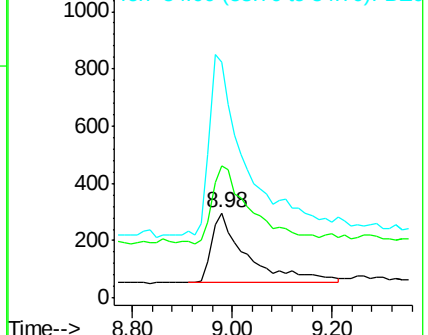
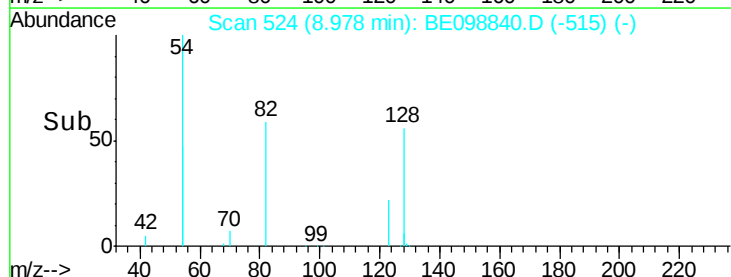
54 278.4 203.4 305.2



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: 0.328 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

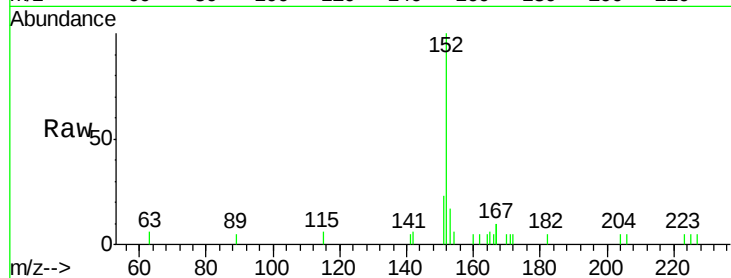
RE131D3-20190305

Tgt Ion:152 Resp: 2016

Ion Ratio Lower Upper

152 100

151 19.8 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19

800

600

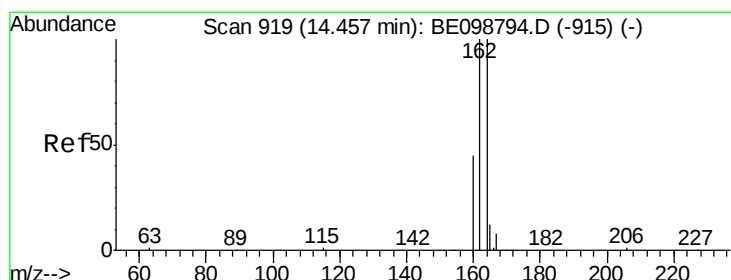
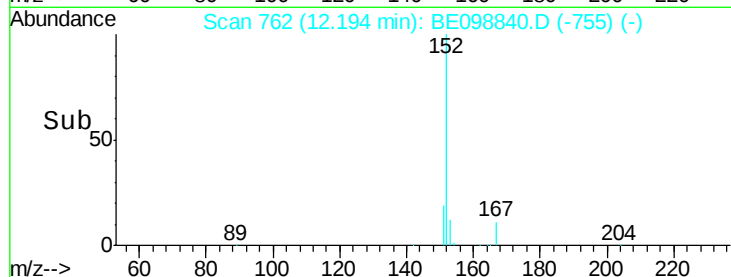
400

200

0

12.10 12.20 12.30

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

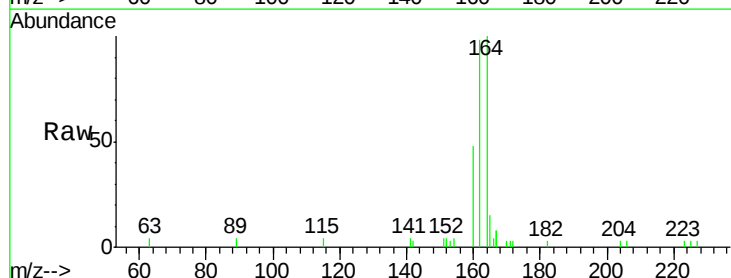
Tgt Ion:164 Resp: 2301

Ion Ratio Lower Upper

164 100

162 97.6 80.2 120.2

160 47.7 37.8 56.8



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

14.46

2000

1500

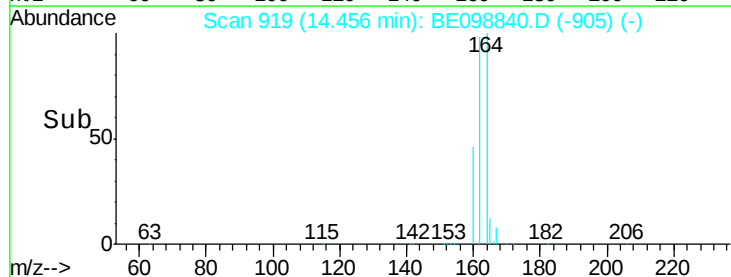
1000

500

0

14.20 14.40 14.60

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.382 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190305

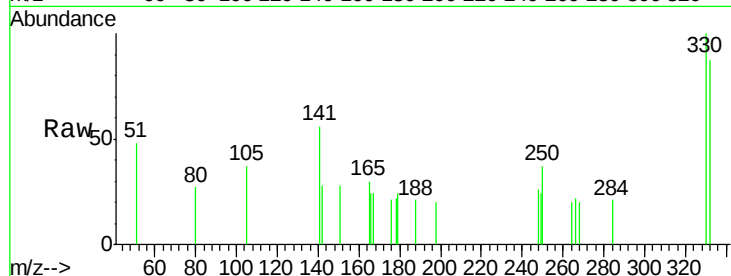
Tgt Ion:330 Resp: 444

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

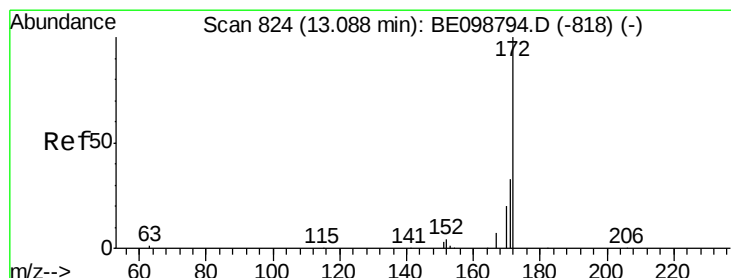
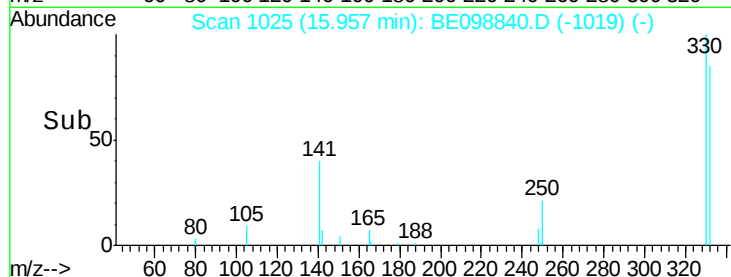
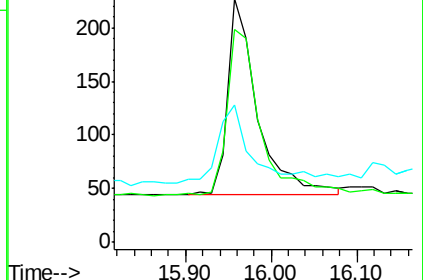
141 37.4 31.0 46.4



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: 0.382 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

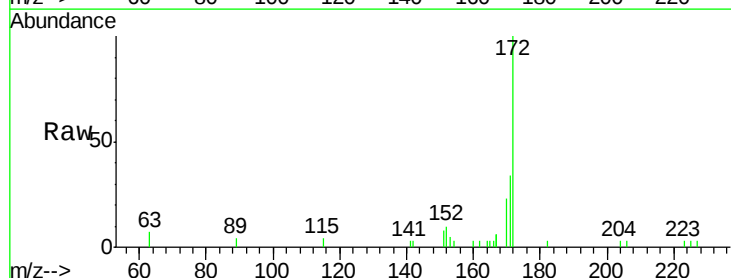
Tgt Ion:172 Resp: 3639

Ion Ratio Lower Upper

172 100

171 33.7 28.0 42.0

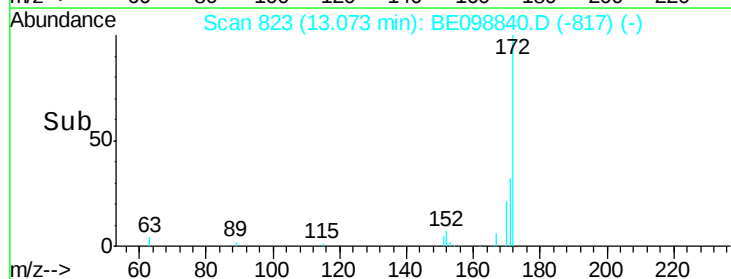
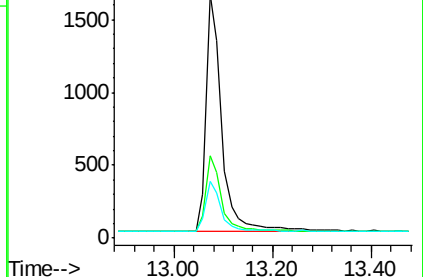
170 23.4 17.7 26.5

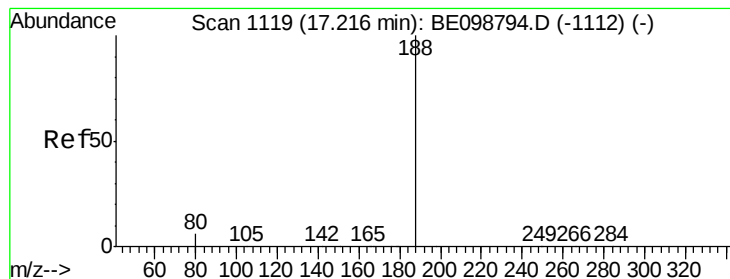


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190305

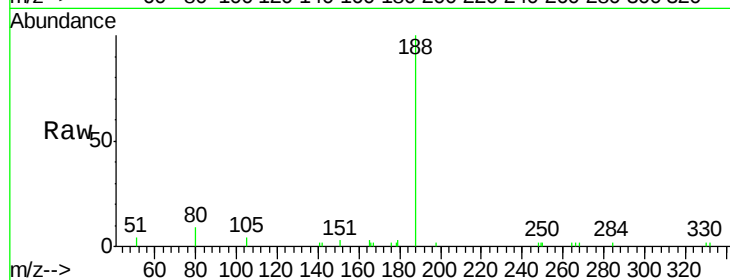
Tgt Ion:188 Resp: 5485

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

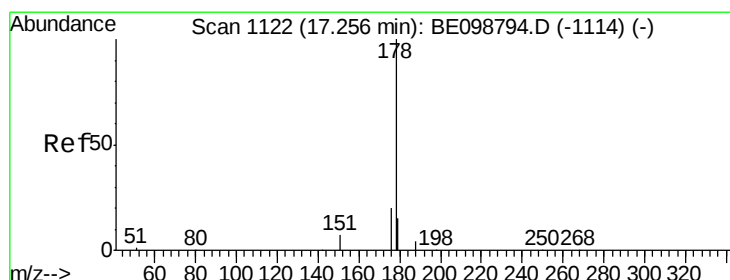
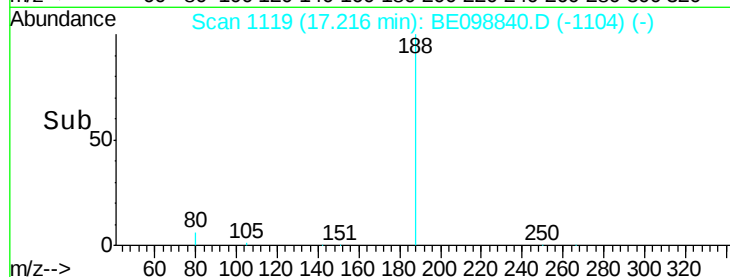
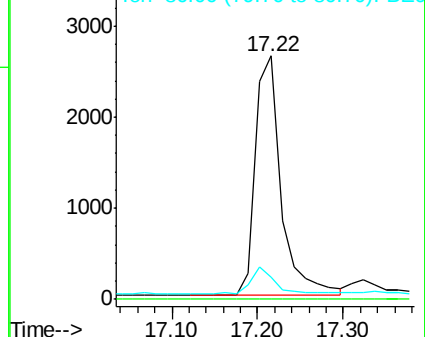
80 8.9 6.3 9.5



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



#23

Phenanthrene

Concen: 0.023 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

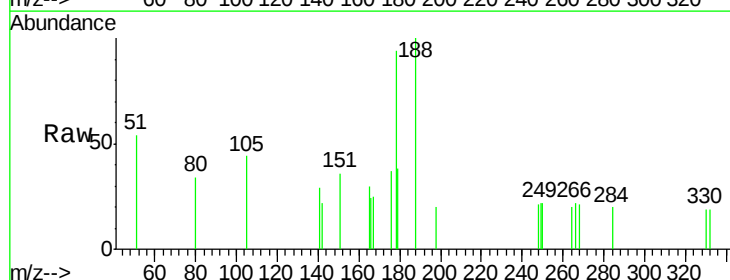
Tgt Ion:178 Resp: 357

Ion Ratio Lower Upper

178 100

176 26.9 16.0 24.0#

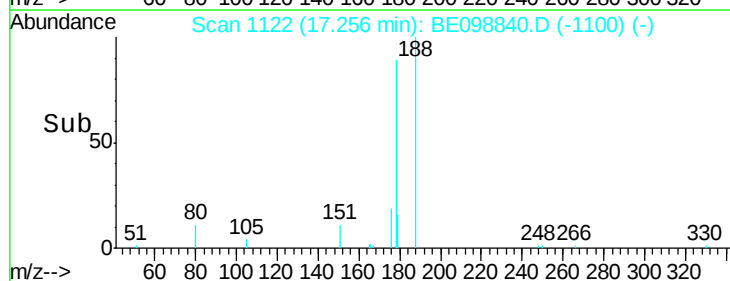
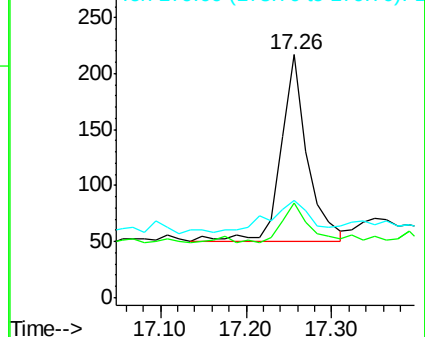
179 26.3 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.330 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

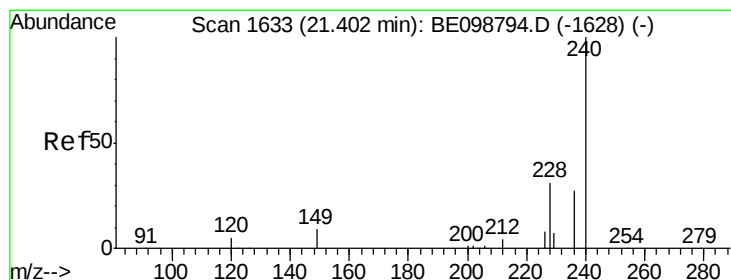
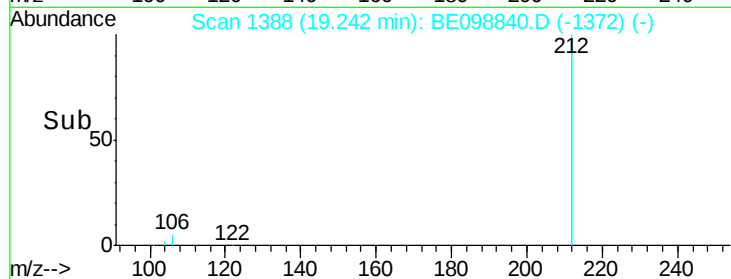
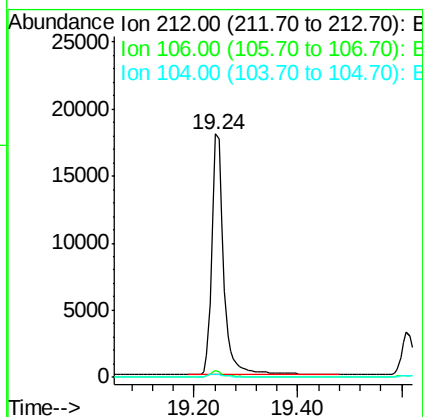
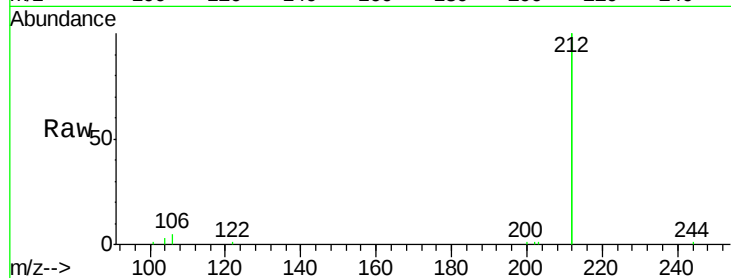
Instrument :

BNA_E

ClientSampleId :

RE131D3-20190305

Tgt Ion:	212	Resp:	28919
Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6



#27

Chrysene-d12

Concen: 0.400 ng

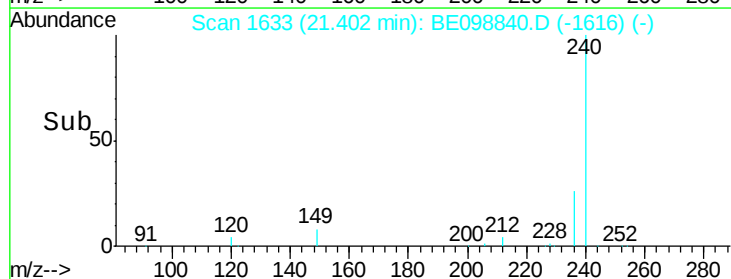
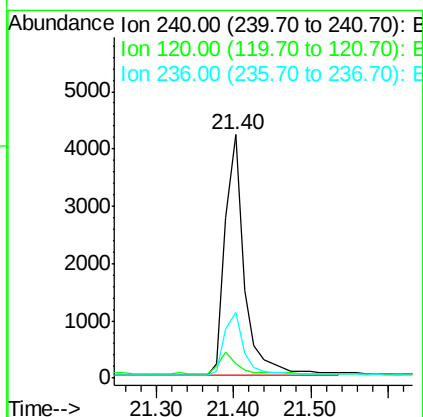
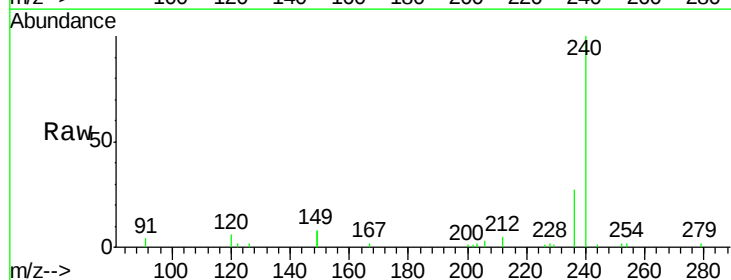
RT: 21.40 min Scan# 1633

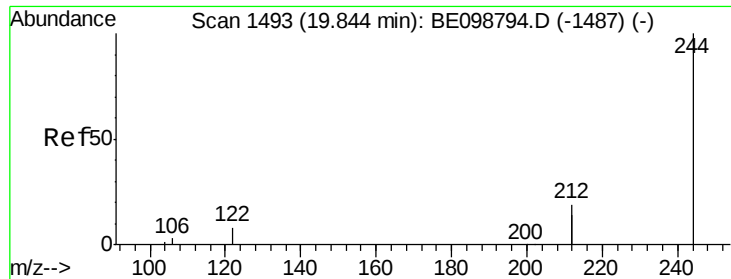
Delta R.T. -0.00 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Tgt Ion:	240	Resp:	7327
Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.4
236	27.2	22.7	34.1





#29

Terphenyl-d14

Concen: 0.452 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190305

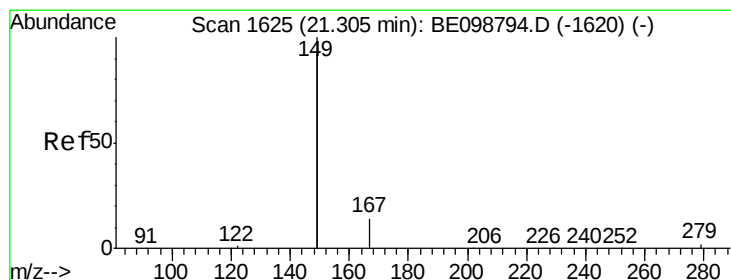
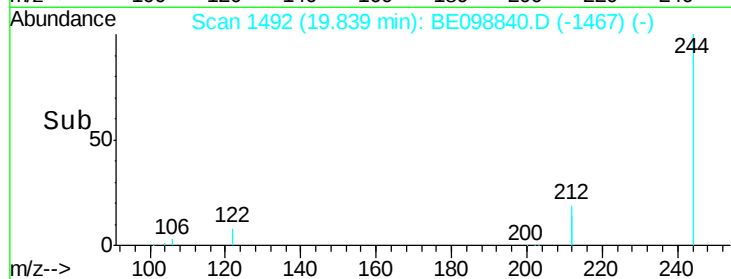
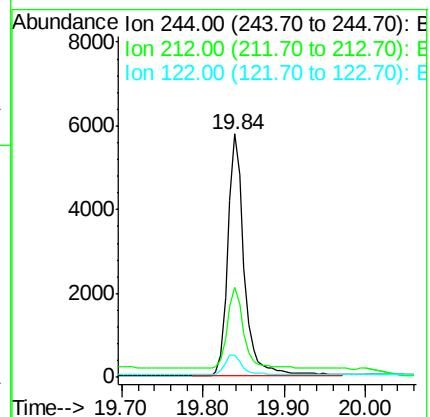
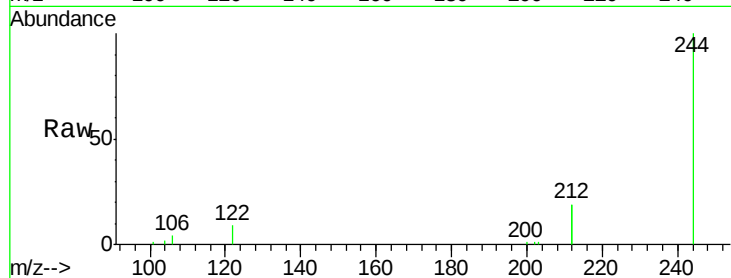
Tgt Ion:244 Resp: 8047

Ion Ratio Lower Upper

244 100

212 37.0 29.4 44.2

122 9.1 7.1 10.7



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.141 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

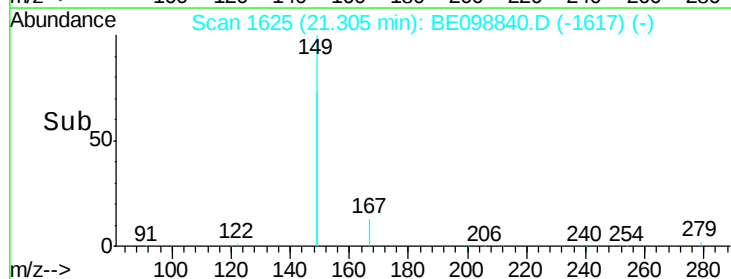
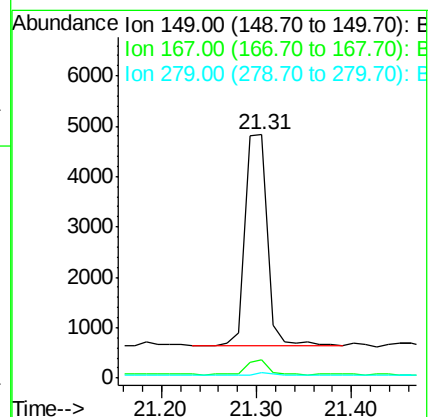
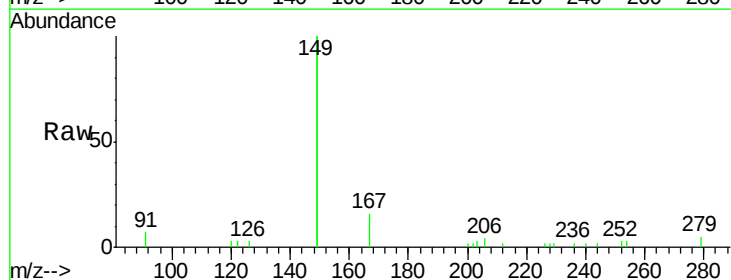
Tgt Ion:149 Resp: 6846

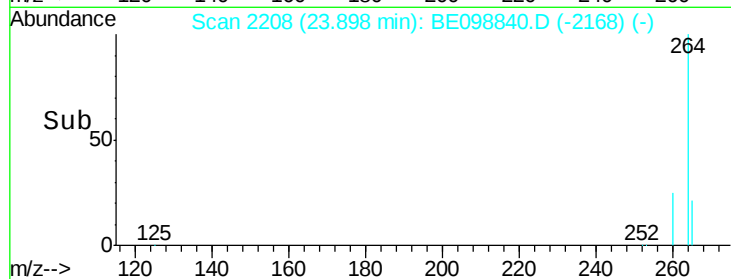
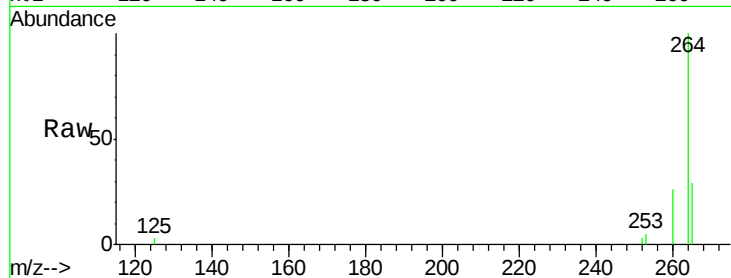
Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

279 1.3 1.0 1.4





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190305

Tgt Ion: 264 Resp: 7026

Ion Ratio Lower Upper

264 100

260 26.3 21.2 31.8

265 28.8 24.6 36.8

