

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030619\
 Data File : BE098803.D
 Acq On : 6 Mar 2019 18:11
 Operator : JU/SJ
 Sample : K1701-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M2-T4A-UV(POST)

Quant Time: Mar 07 01:46:22 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

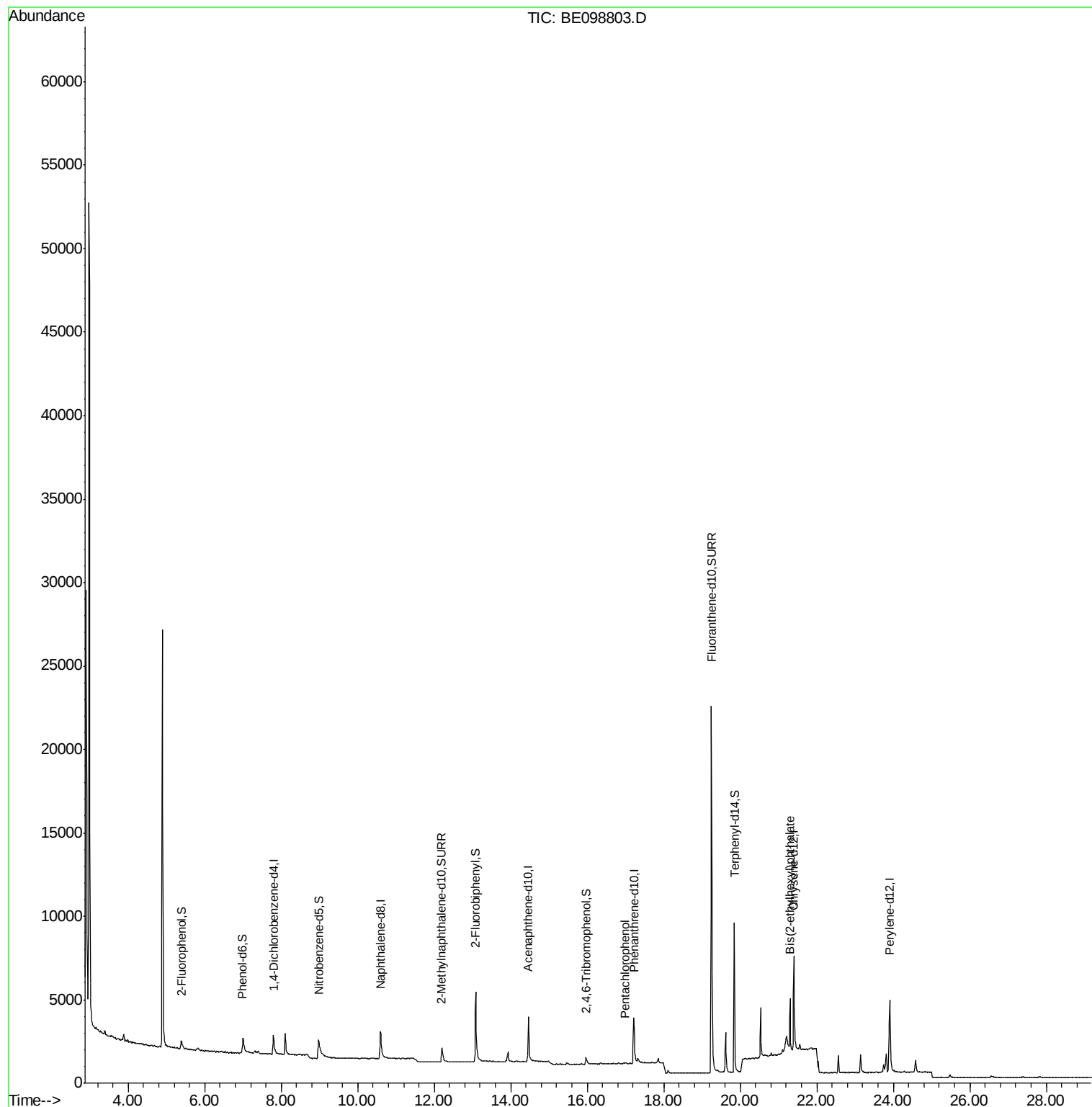
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	761	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2893	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	1997	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	4893	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7372	0.40	ng	0.00
34) Perylene-d12	23.90	264	7015	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	392	0.17	ng	0.00
5) Phenol-d6	6.99	99	290	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1181	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2082	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	370	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	6069	0.73	ng	0.00
25) Fluoranthene-d10	19.25	212	33807	0.43	ng	0.00
29) Terphenyl-d14	19.84	244	8611	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	37	Below Cal		Qvalue # 11
22) Pentachlorophenol	16.97	266	6	0.270	ng	92
32) Bis(2-ethylhexyl)phthalate	21.31	149	3889	0.079	ng	# 99

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

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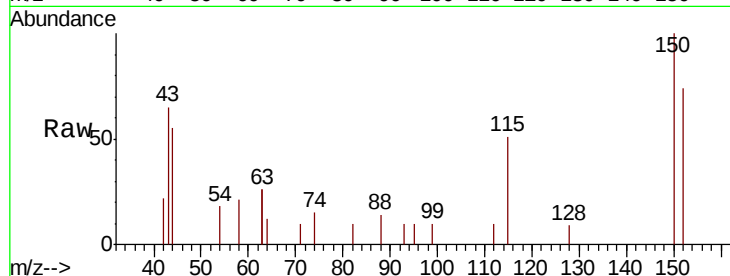


#1

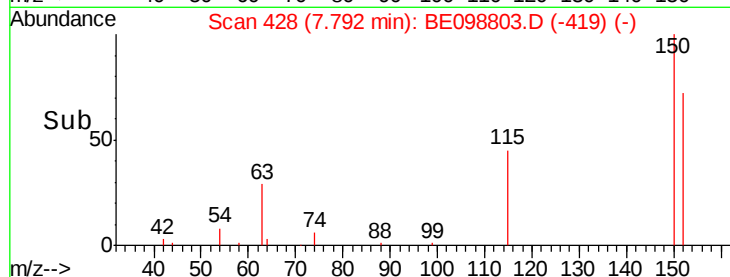
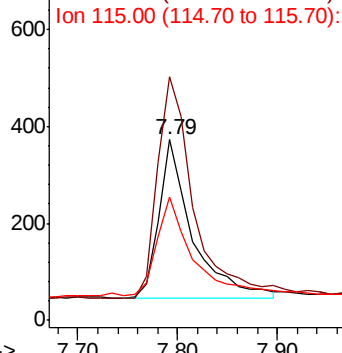
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098803.D
Acq: 6 Mar 2019 18:11

Instrument :
BNA_E
ClientSampleId :
M2-T4A-UV(POST)

Tgt Ion: 152 Resp: 761
Ion Ratio Lower Upper
152 100
150 134.6 122.5 183.7
115 68.4 57.4 86.2



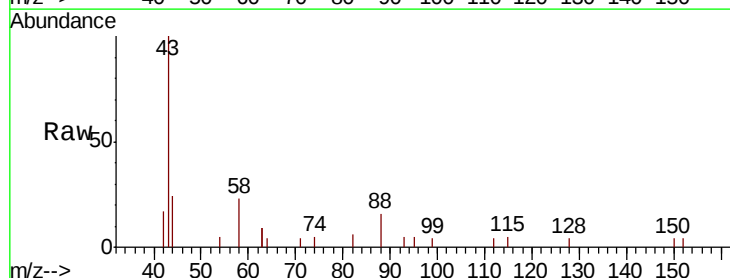
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



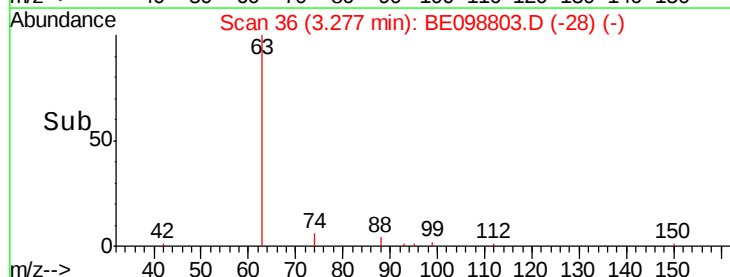
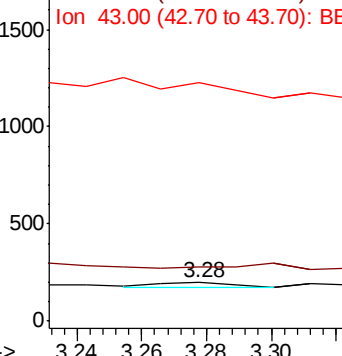
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098803.D
Acq: 6 Mar 2019 18:11

Tgt Ion: 88 Resp: 37
Ion Ratio Lower Upper
88 100
58 0.0 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: 0.172 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098803.D

Acq: 6 Mar 2019 18:11

Instrument :

BNA_E

ClientSampleId :

M2-T4A-UV(POST)

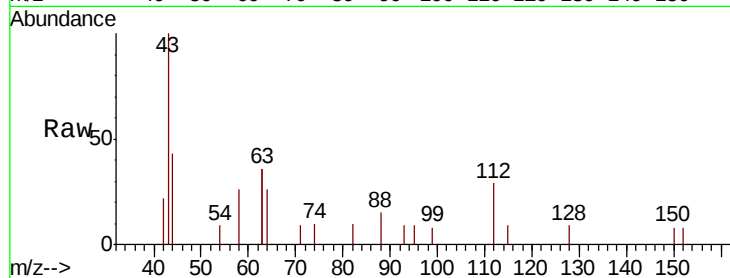
Tgt Ion: 112 Resp: 392

Ion Ratio Lower Upper

112 100

64 76.3 57.9 86.9

63 174.5 158.3 237.5



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

500

400

300

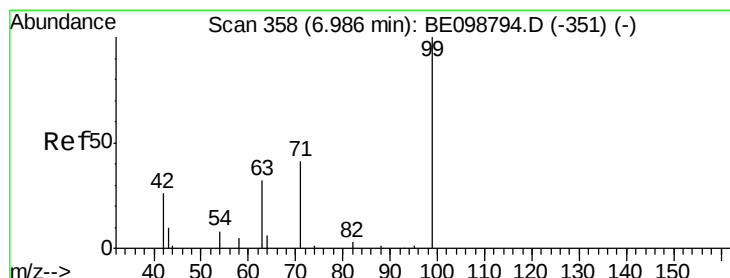
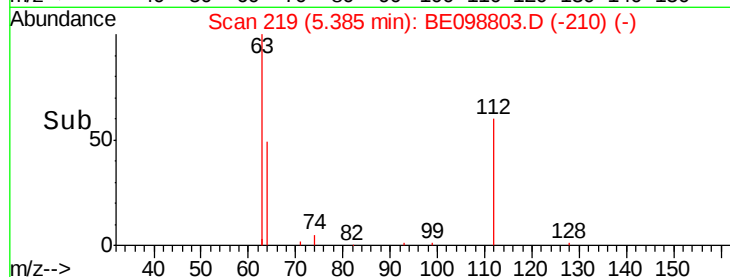
200

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: BE098803.D

Acq: 6 Mar 2019 18:11

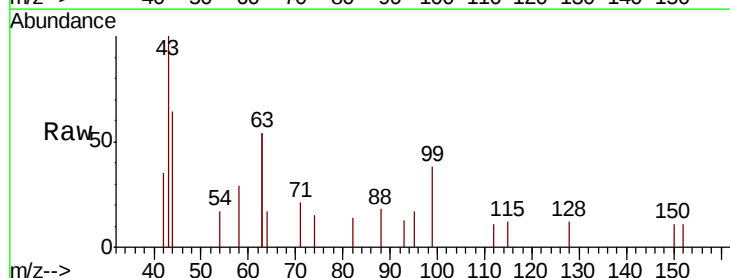
Tgt Ion: 99 Resp: 290

Ion Ratio Lower Upper

99 100

42 55.5 24.2 36.2#

71 48.3 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

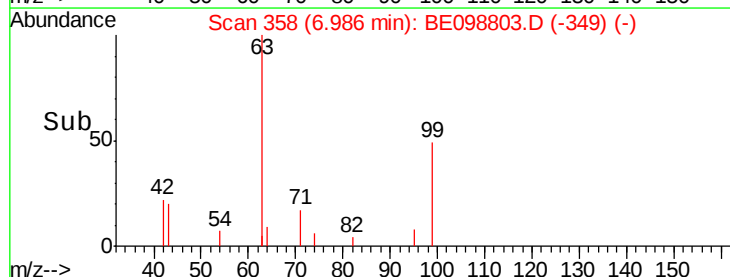
100

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: BE098803.D

Acq: 6 Mar 2019 18:11

Instrument :

BNA_E

ClientSampleId :

M2-T4A-UV(POST)

Tgt Ion:136 Resp: 2893

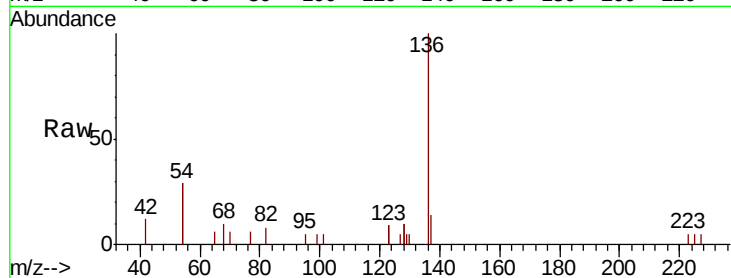
Ion Ratio Lower Upper

136 100

137 13.9 11.4 17.0

54 58.0 39.3 58.9

68 10.1 6.7 10.1#

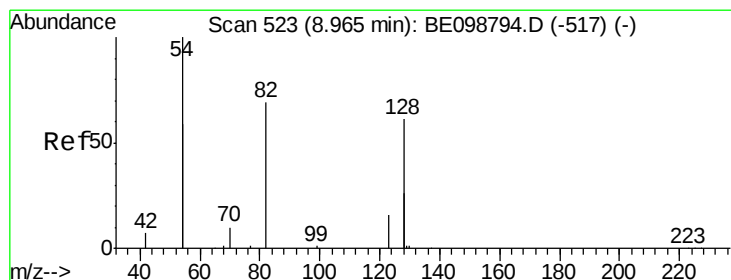
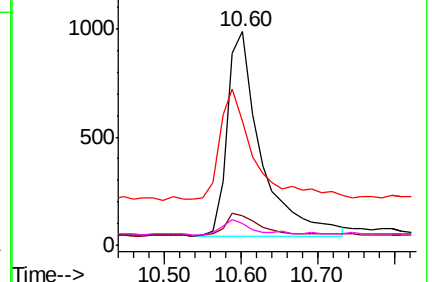
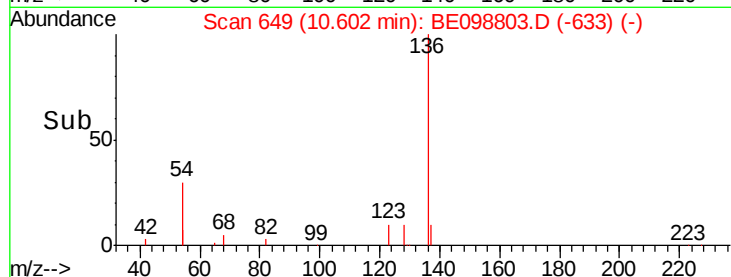


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.389 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098803.D

Acq: 6 Mar 2019 18:11

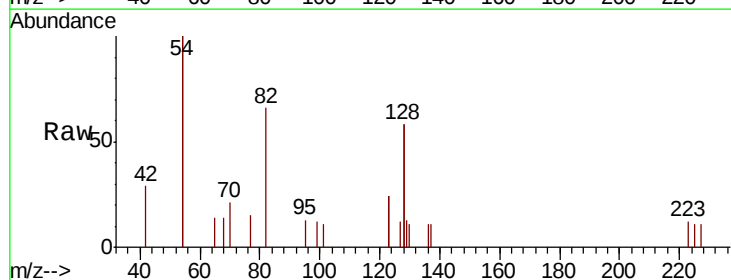
Tgt Ion: 82 Resp: 1181

Ion Ratio Lower Upper

82 100

128 174.5 123.8 185.8

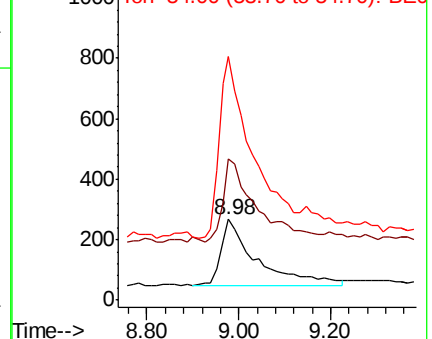
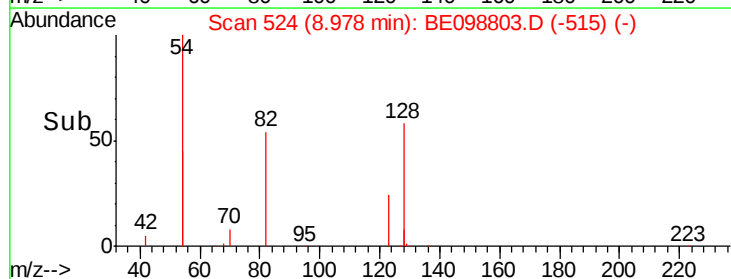
54 301.9 203.4 305.2

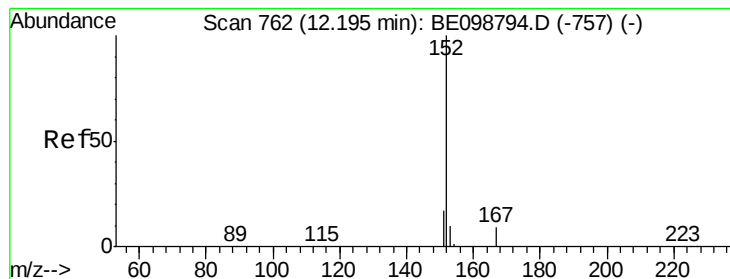


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.389 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098803.D

Acq: 6 Mar 2019 18:11

Instrument :

BNA_E

ClientSampleId :

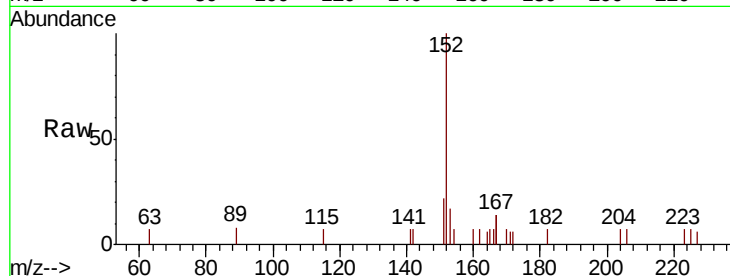
M2-T4A-UV(POST)

Tgt Ion:152 Resp: 2082

Ion Ratio Lower Upper

152 100

151 19.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.20

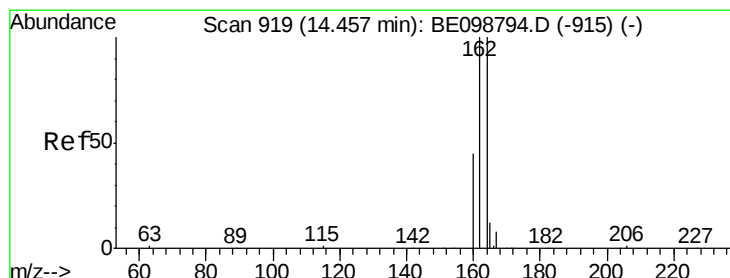
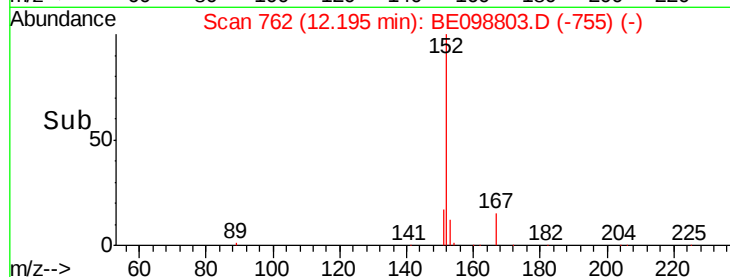
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098803.D

Acq: 6 Mar 2019 18:11

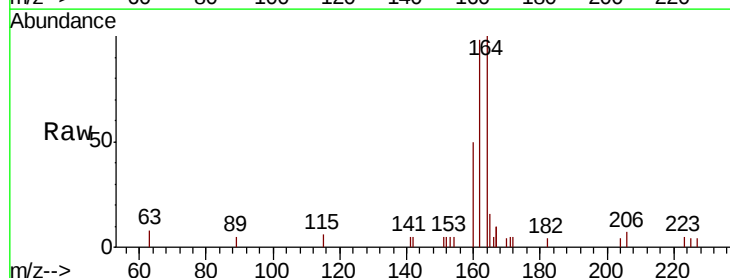
Tgt Ion:164 Resp: 1997

Ion Ratio Lower Upper

164 100

162 98.4 80.2 120.2

160 49.6 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

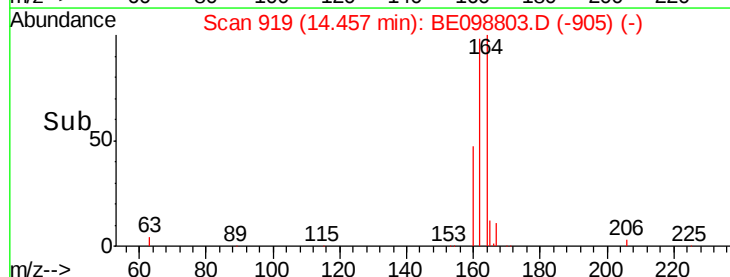
14.46

1000

500

0

Time-->

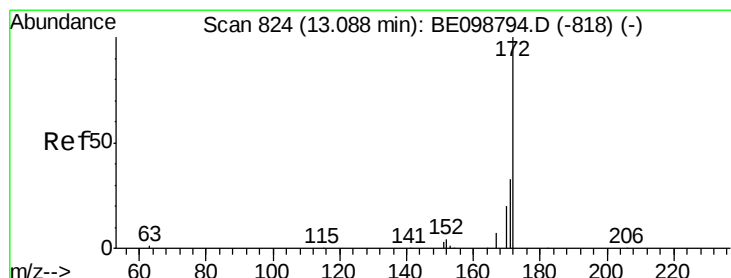
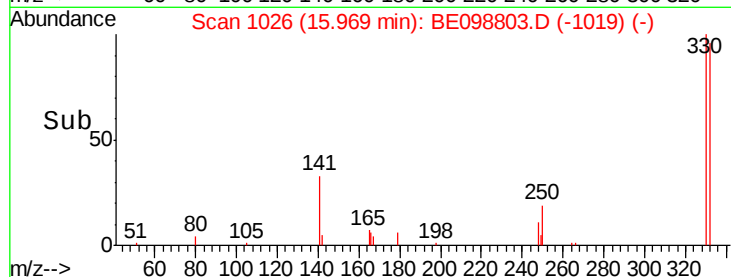
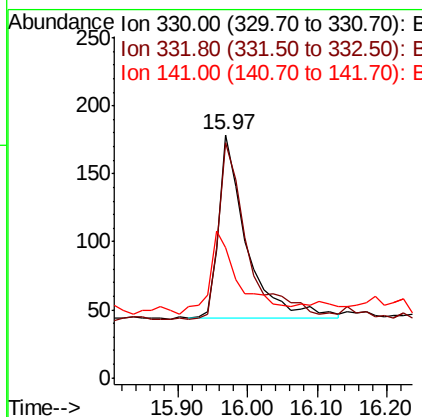
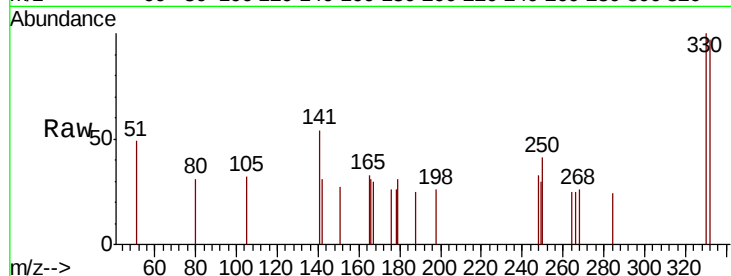




#14
 2,4,6-Tribromophenol
 Concen: 0.367 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098803.D
 Acq: 6 Mar 2019 18:11

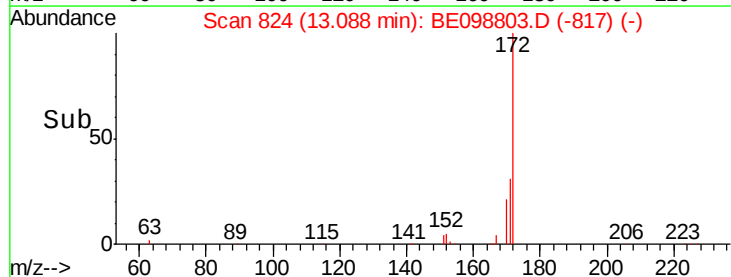
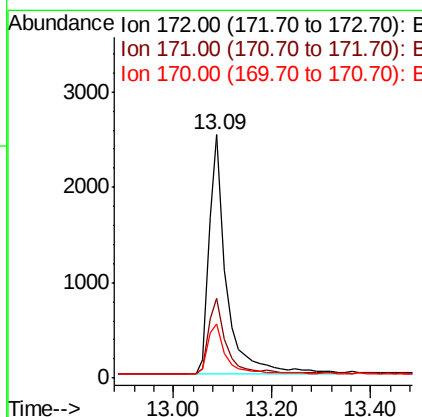
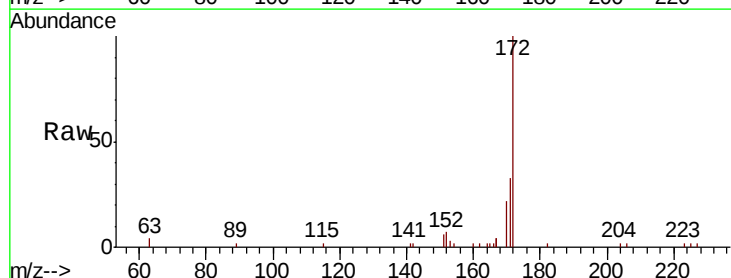
Instrument :
 BNA_E
 ClientSampleId :
 M2-T4A-UV(POST)

Tgt Ion: 330 Resp: 370
 Ion Ratio Lower Upper
 330 100
 332 102.2 77.6 116.4
 141 48.1 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.734 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098803.D
 Acq: 6 Mar 2019 18:11

Tgt Ion: 172 Resp: 6069
 Ion Ratio Lower Upper
 172 100
 171 32.8 28.0 42.0
 170 22.4 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098803.D

Acq: 6 Mar 2019 18:11

Instrument :

BNA_E

ClientSampleId :

M2-T4A-UV(POST)

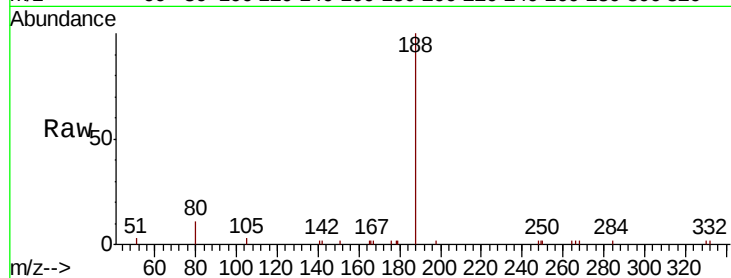
Tgt Ion:188 Resp: 4893

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

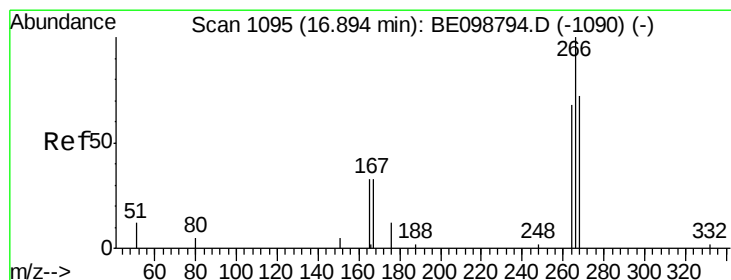
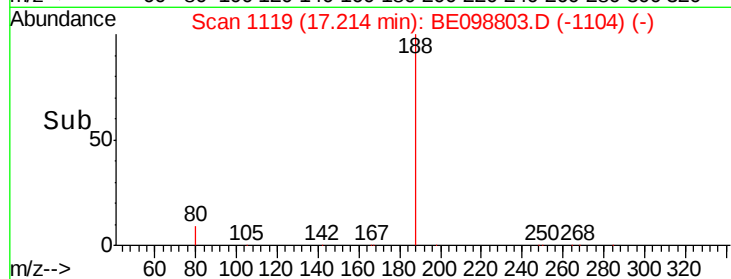
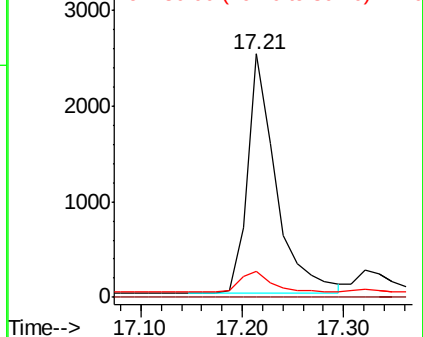
80 10.9 6.3 9.5#



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



#22

Pentachlorophenol

Concen: 0.270 ng

RT: 16.97 min Scan# 1101

Delta R.T. 0.08 min

Lab File: BE098803.D

Acq: 6 Mar 2019 18:11

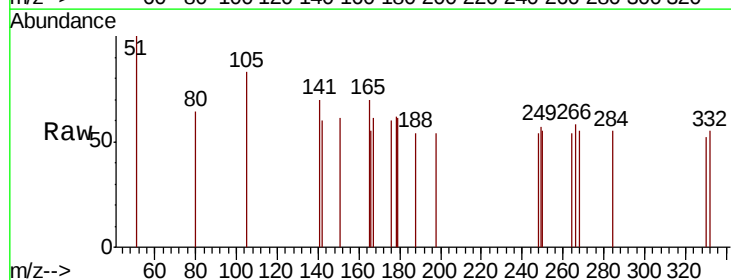
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 91.8 66.6 100.0

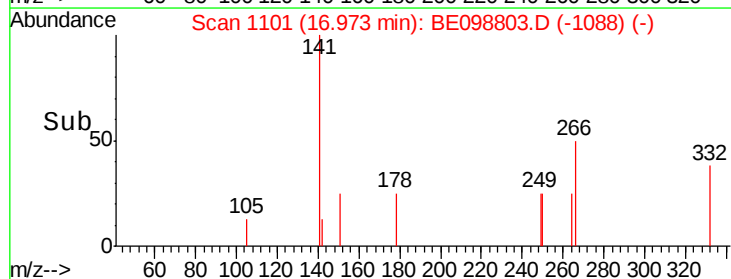
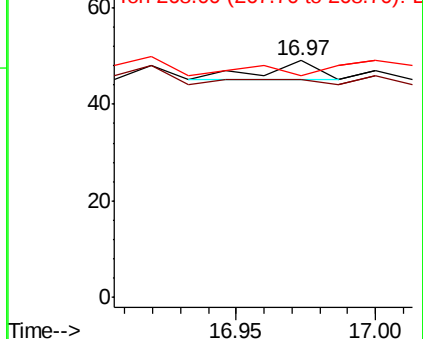
268 93.9 69.8 104.8



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: 0.433 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098803.D

Acq: 6 Mar 2019 18:11

Instrument :

BNA_E

ClientSampleId :

M2-T4A-UV(POST)

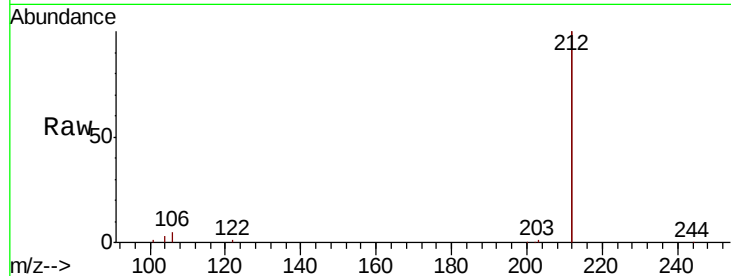
Tgt Ion:212 Resp: 33807

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

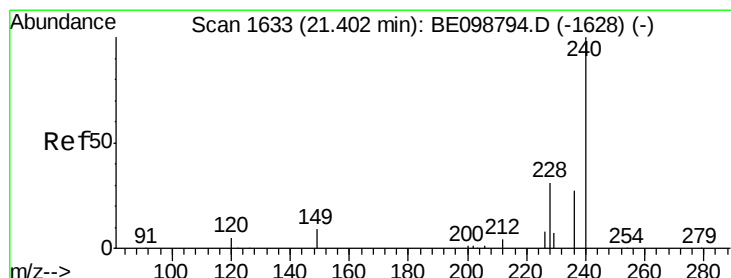
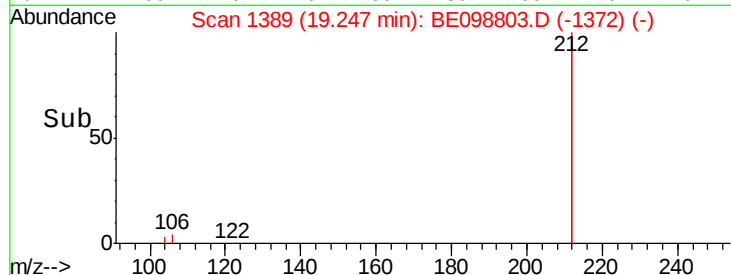
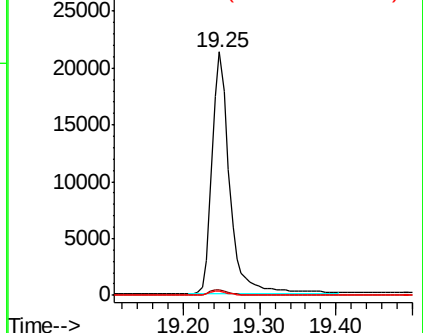
104 1.3 1.0 1.6



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: BE098803.D

Acq: 6 Mar 2019 18:11

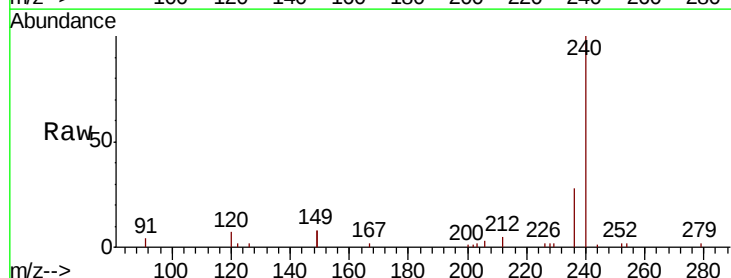
Tgt Ion:240 Resp: 7372

Ion Ratio Lower Upper

240 100

120 7.2 5.0 7.4

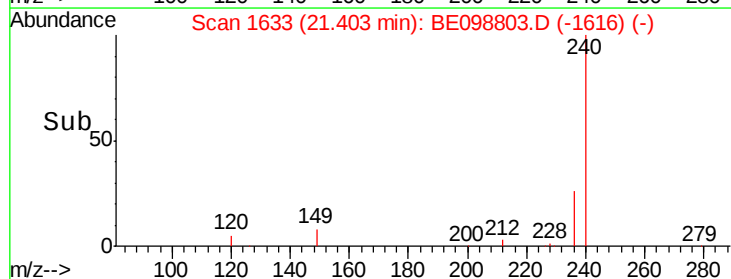
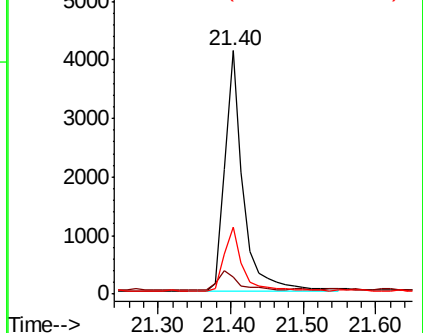
236 27.6 22.7 34.1

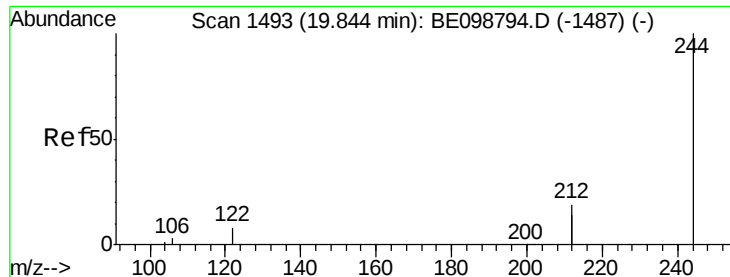


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.481 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098803.D

Acq: 6 Mar 2019 18:11

Instrument :

BNA_E

ClientSampleId :

M2-T4A-UV(POST)

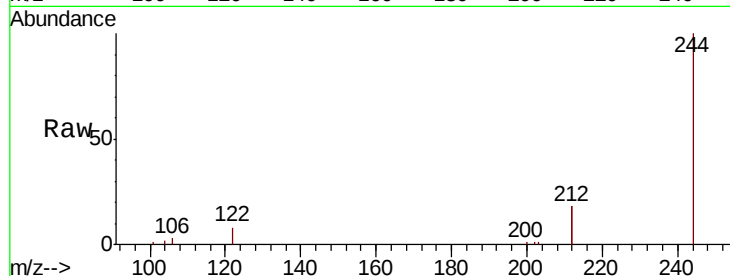
Tgt Ion:244 Resp: 8611

Ion Ratio Lower Upper

244 100

212 35.6 29.4 44.2

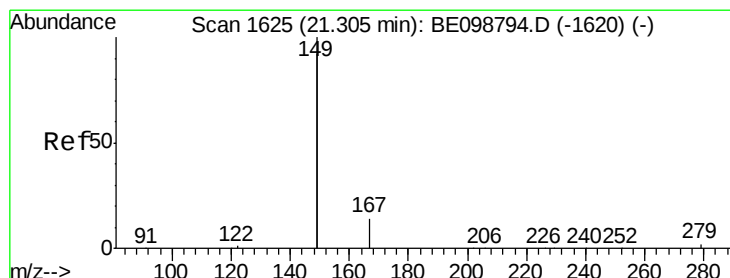
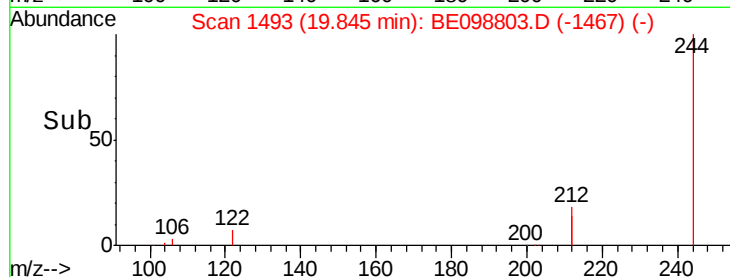
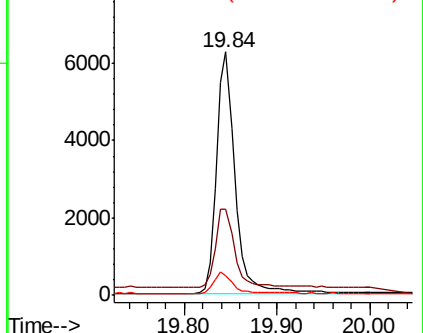
122 8.1 7.1 10.7



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: 0.079 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098803.D

Acq: 6 Mar 2019 18:11

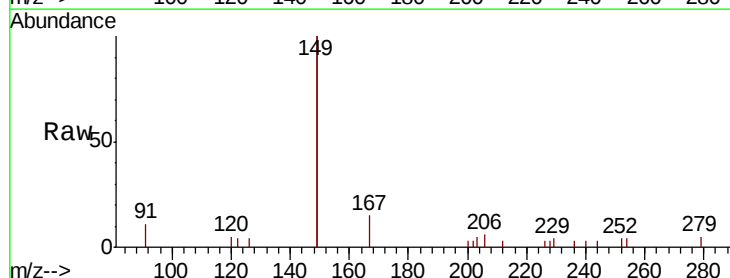
Tgt Ion:149 Resp: 3889

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

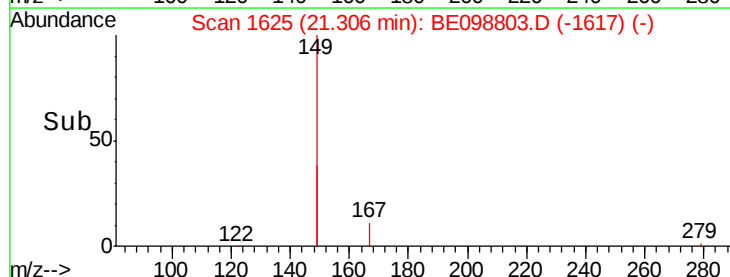
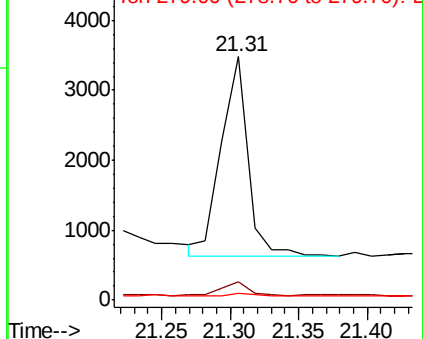
279 1.5 1.0 1.4#

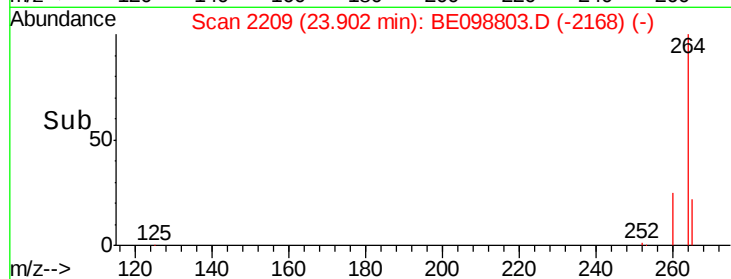
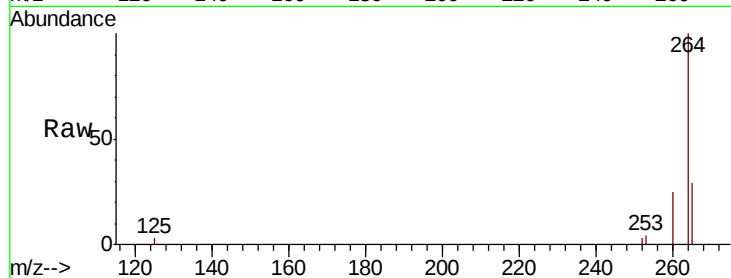


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE098803.D

Acq: 6 Mar 2019 18:11

Instrument :

BNA_E

ClientSampleId :

M2-T4A-UV(POST)

Tgt Ion:264 Resp: 7015

Ion Ratio Lower Upper

264 100

260 25.4 21.2 31.8

265 28.9 24.6 36.8

