

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098847.D
 Acq On : 9 Mar 2019 00:16
 Operator : JU/SJ
 Sample : K1793-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D2-20190306

Quant Time: Mar 09 00:59:10 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

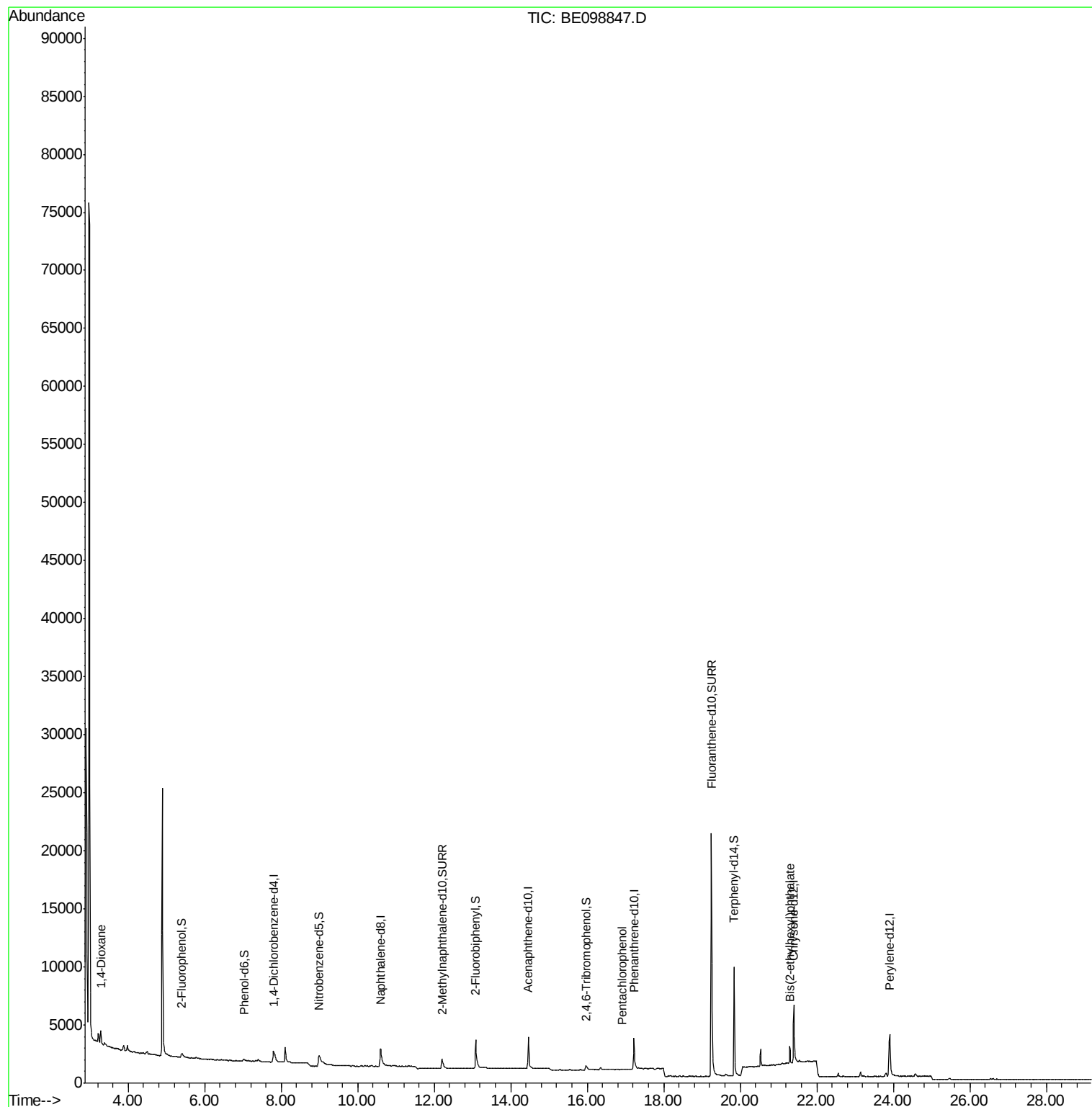
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	748	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3049	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2164	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5651	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6773	0.40	ng	0.00
34) Perylene-d12	23.90	264	6631	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	367	0.16	ng	0.01
5) Phenol-d6	7.02	99	258	0.08	ng	0.03
8) Nitrobenzene-d5	8.99	82	1052	0.33	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	2230	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	416	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4052	0.45	ng	0.00
25) Fluoranthene-d10	19.25	212	36265	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	9166	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	750	0.547	ng	Qvalue # 74
22) Pentachlorophenol	16.91	266	18	0.279	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.29	149	2079	0.046	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: BE098847.D

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BNA_E

ClientSampleId :

RE123D2-20190306

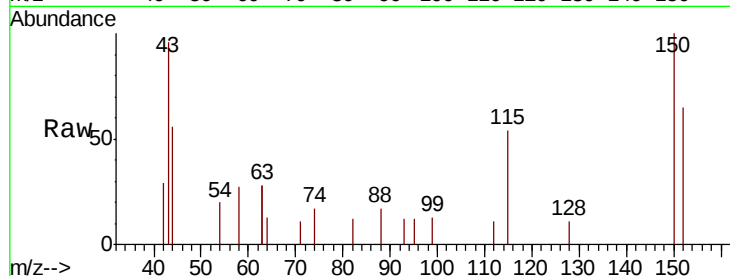
Tot Ion:152 Resp: 748

Ion Ratio Lower Upper

152 100

150 154.7 122.5 183.7

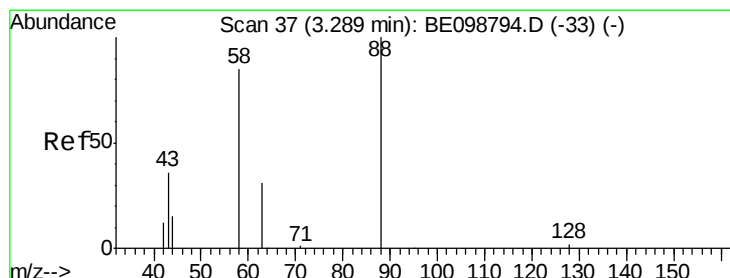
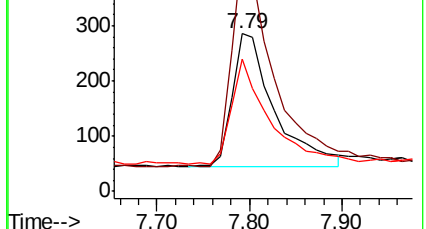
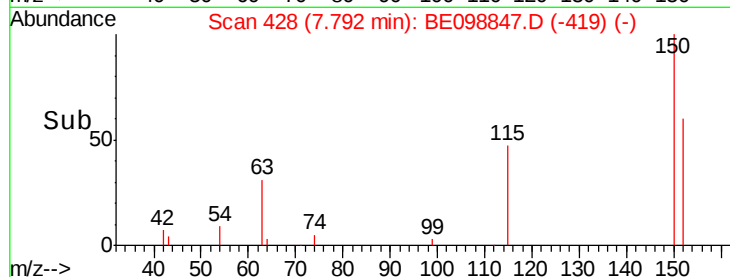
115 84.2 57.4 86.2



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: 0.547 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098847.D

Acq: 9 Mar 2019 00:16

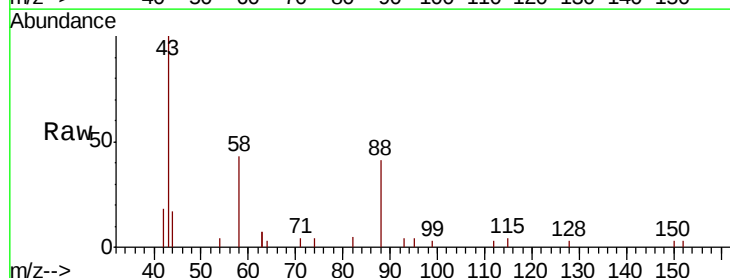
Tgt Ion: 88 Resp: 750

Ion Ratio Lower Upper

88 100

58 110.1 75.8 113.6

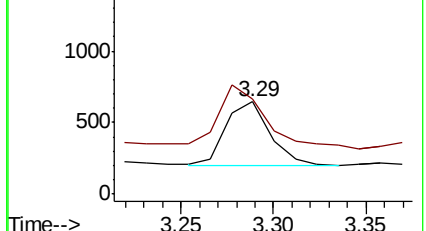
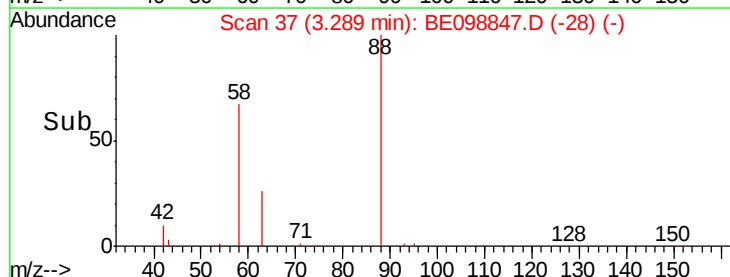
43 82.8 41.8 62.8#

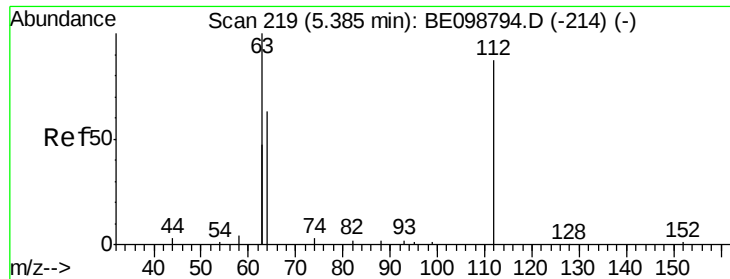


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.164 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098847.D

Acq: 9 Mar 2019 00:16

Instrument :

BNA_E

ClientSampleId :

RE123D2-20190306

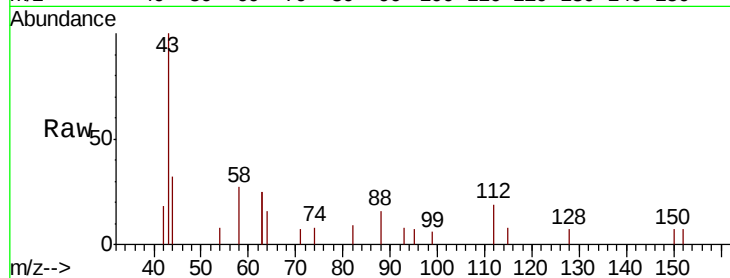
Tot Ion:112 Resp: 367

Ion Ratio Lower Upper

112 100

64 80.9 57.9 86.9

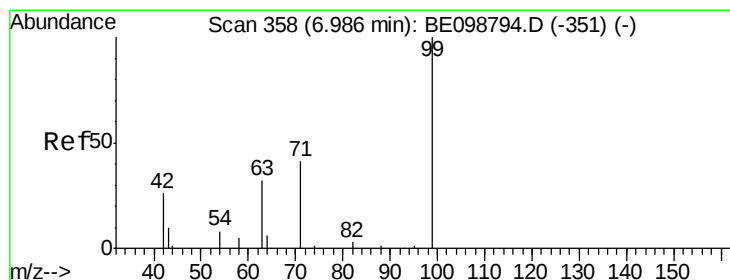
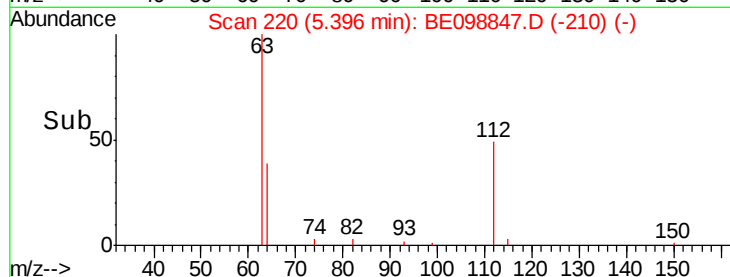
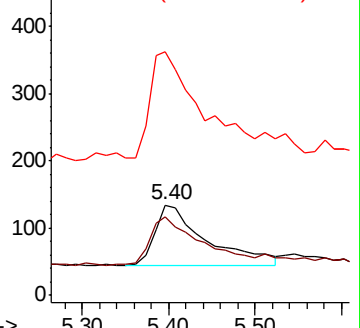
63 180.7 158.3 237.5



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: 0.082 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.03 min

Lab File: BE098847.D

Acq: 9 Mar 2019 00:16

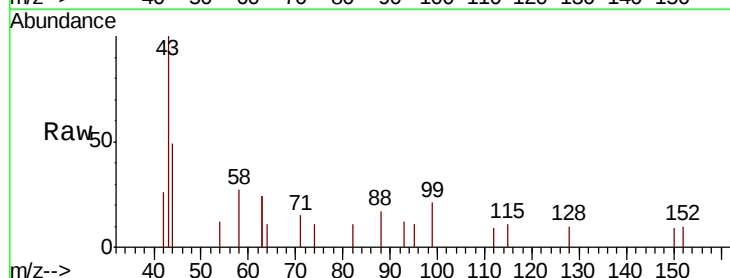
Tgt Ion: 99 Resp: 258

Ion Ratio Lower Upper

99 100

42 30.2 24.2 36.2

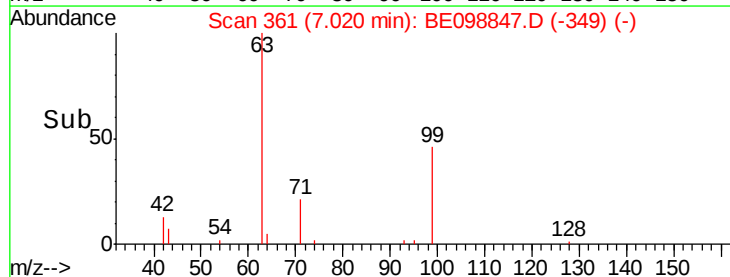
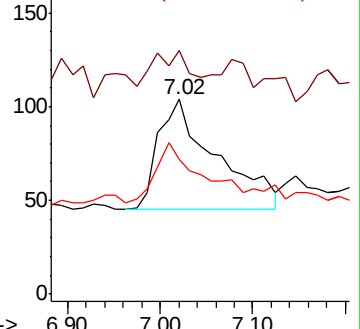
71 44.6 35.7 53.5



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: BE098847.D

Acq: 9 Mar 2019 00:16

Instrument :

BNA_E

ClientSampleId :

RE123D2-20190306

Tot Ion:136 Resp: 3049

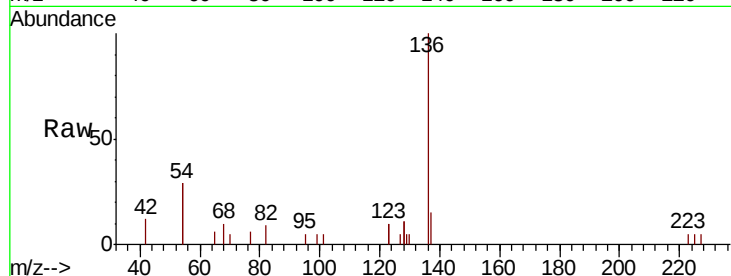
Ion Ratio Lower Upper

136 100

137 15.0 11.4 17.0

54 58.7 39.3 58.9

68 10.3 6.7 10.1#

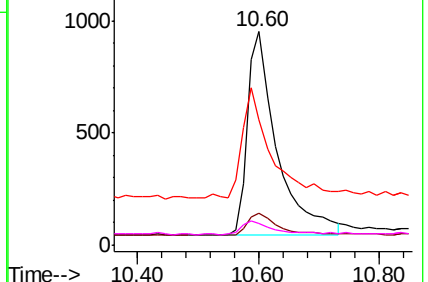
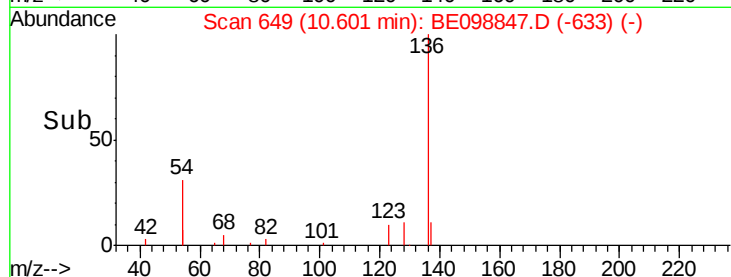


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.329 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098847.D

Acq: 9 Mar 2019 00:16

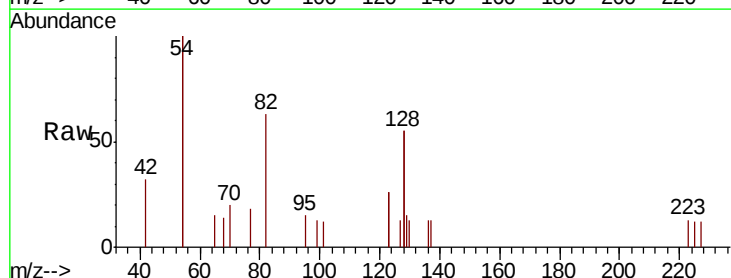
Tgt Ion: 82 Resp: 1052

Ion Ratio Lower Upper

82 100

128 172.9 123.8 185.8

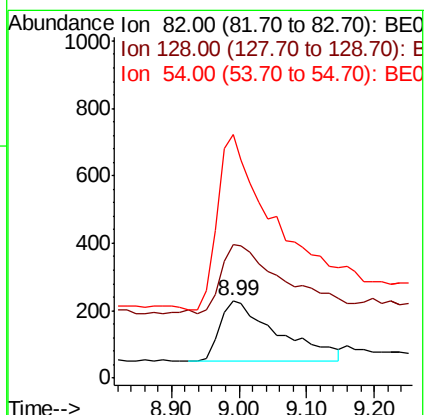
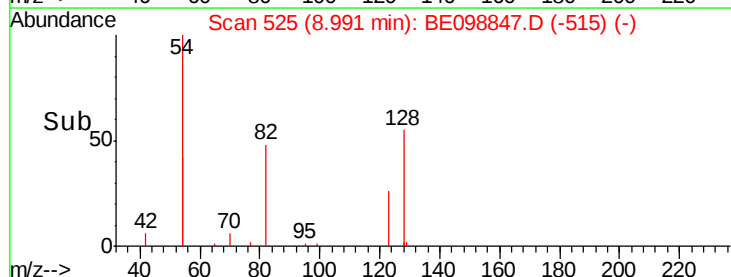
54 315.3 203.4 305.2#



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: 0.396 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098847.D

Acq: 9 Mar 2019 00:16

Instrument :

BNA_E

ClientSampleId :

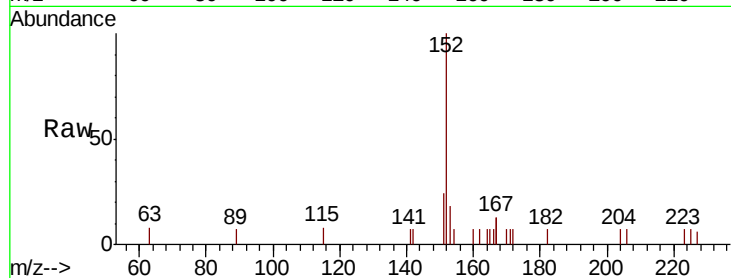
RE123D2-20190306

Tot Ion:152 Resp: 2230

Ion Ratio Lower Upper

152 100

151 18.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

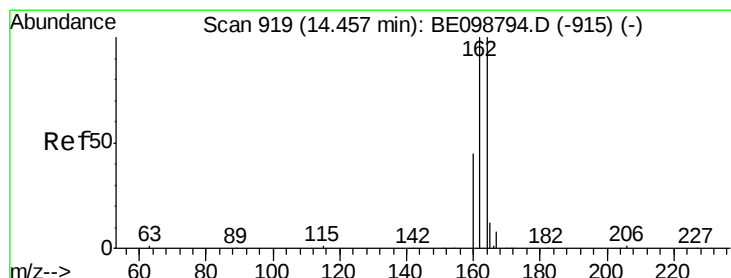
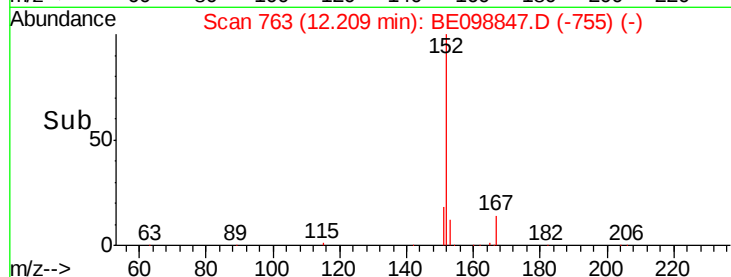
600

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: BE098847.D

Acq: 9 Mar 2019 00:16

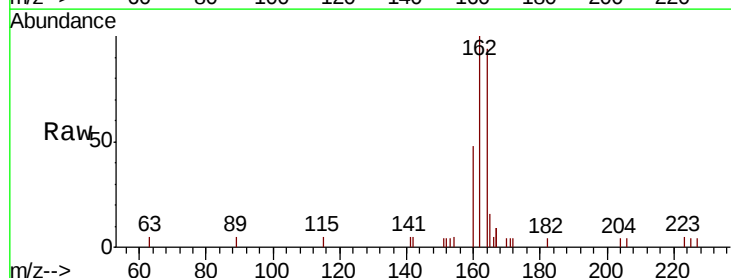
Tgt Ion:164 Resp: 2164

Ion Ratio Lower Upper

164 100

162 106.0 80.2 120.2

160 50.9 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

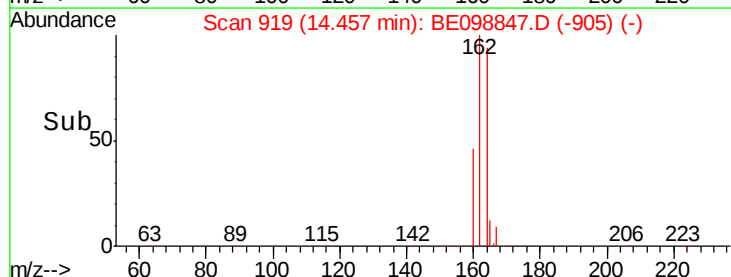
1500

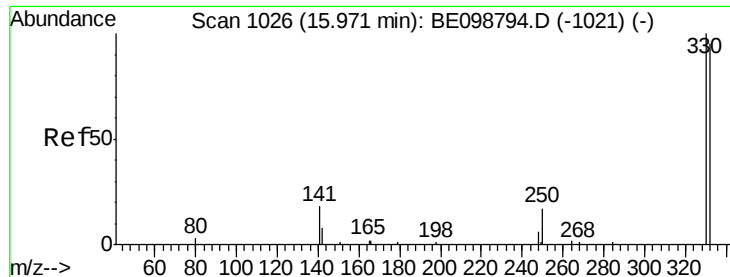
1000

500

0

Time-->

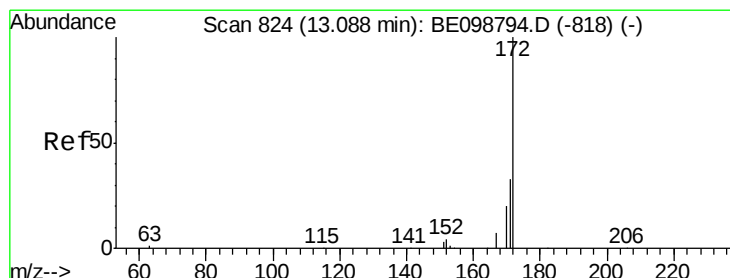
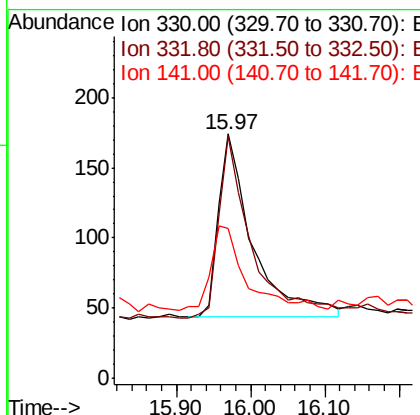
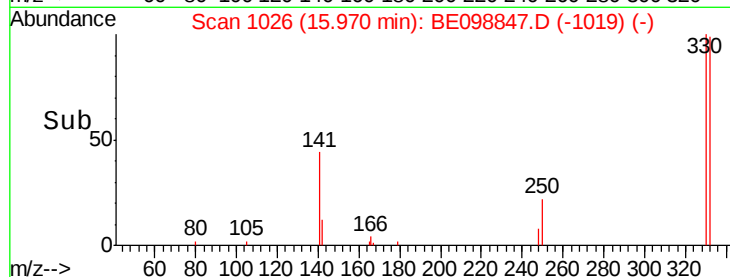
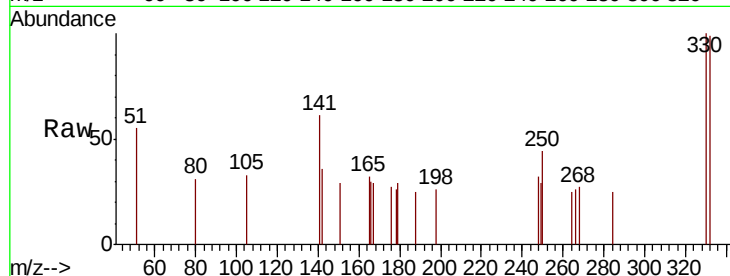




#14
 2,4,6-Tribromophenol
 Concen: 0.381 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098847.D
 Acq: 9 Mar 2019 00:16

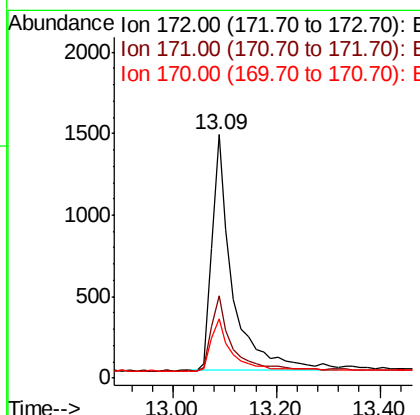
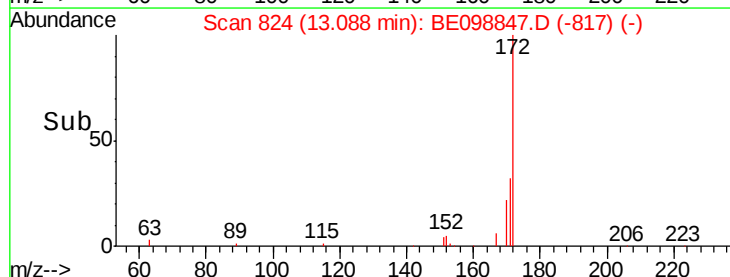
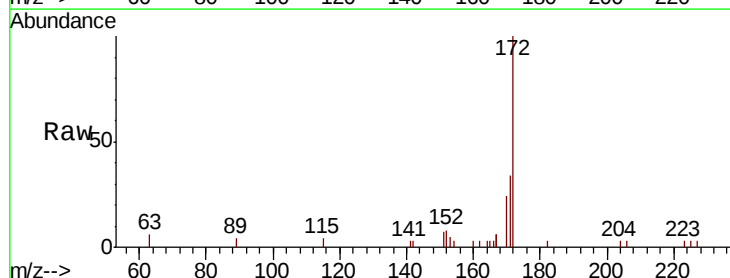
Instrument :
 BNA_E
 ClientSampleId :
 RE123D2-20190306

Tot Ion:330 Resp: 416
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.6 116.4
 141 49.5 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.452 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098847.D
 Acq: 9 Mar 2019 00:16

Tgt Ion:172 Resp: 4052
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.0 42.0
 170 24.2 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098847.D

Acq: 9 Mar 2019 00:16

Instrument :

BNA_E

ClientSampleId :

RE123D2-20190306

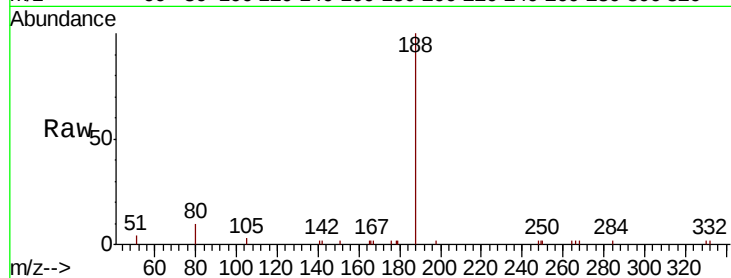
Tot Ion:188 Resp: 5651

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

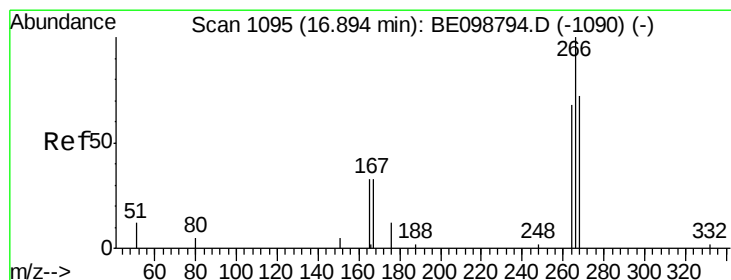
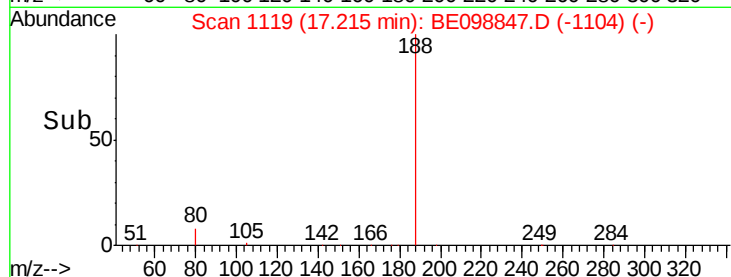
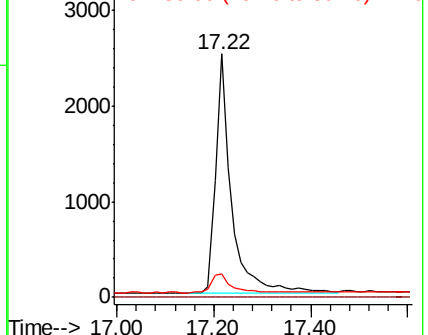
80 9.9 6.3 9.5#



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: 0.279 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098847.D

Acq: 9 Mar 2019 00:16

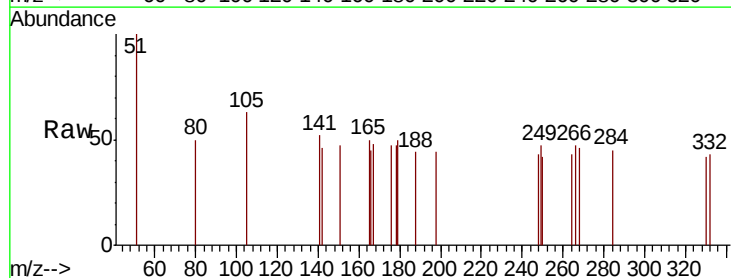
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 91.8 66.6 100.0

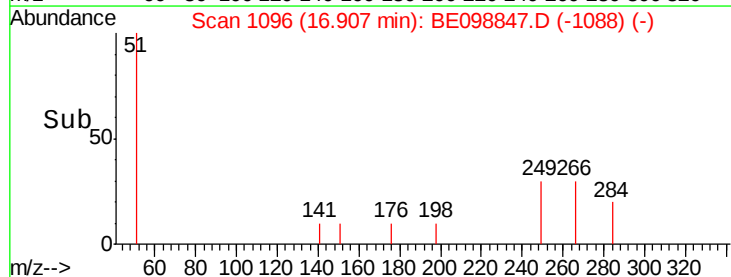
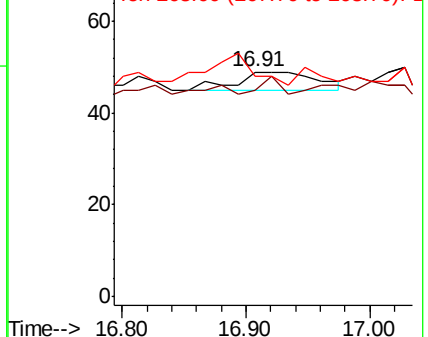
268 98.0 69.8 104.8

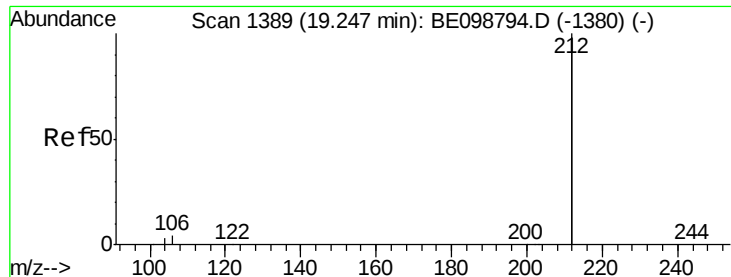


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

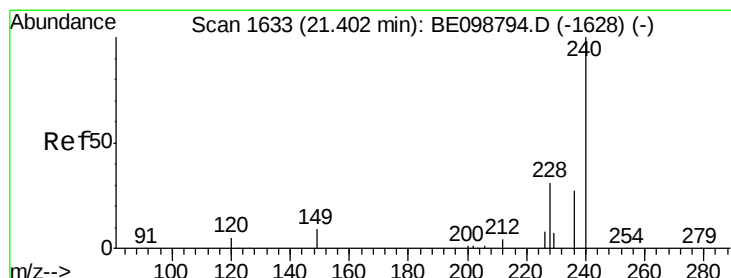
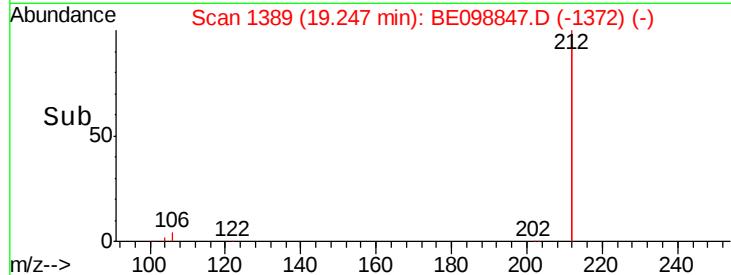
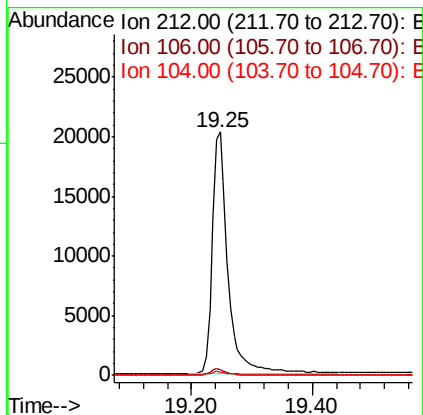
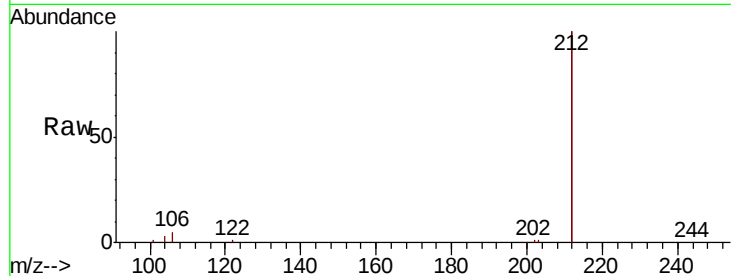




#25
Fluoranthene-d10
Concen: 0.402 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE098847.D
Acq: 9 Mar 2019 00:16

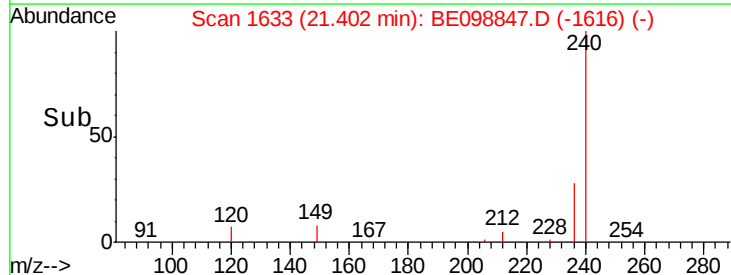
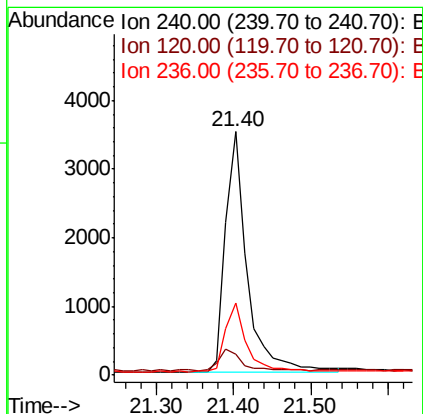
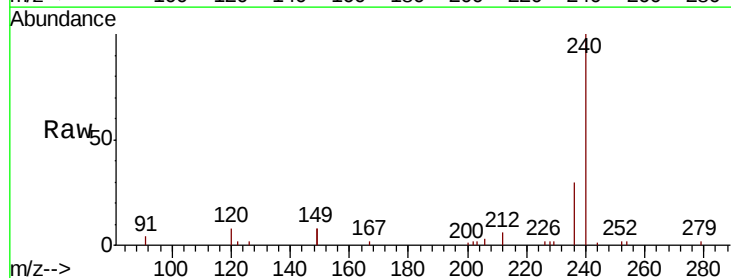
Instrument :
BNA_E
ClientSampleId :
RE123D2-20190306

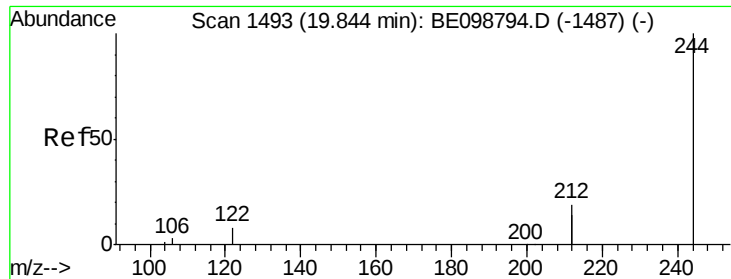
Tot Ion:212 Resp: 36265
Ion Ratio Lower Upper
212 100
106 2.3 1.8 2.8
104 1.4 1.0 1.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098847.D
Acq: 9 Mar 2019 00:16

Tgt Ion:240 Resp: 6773
Ion Ratio Lower Upper
240 100
120 8.5 5.0 7.4#
236 29.5 22.7 34.1





#29

Terphenyl-d14

Concen: 0.557 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098847.D

Acq: 9 Mar 2019 00:16

Instrument :

BNA_E

ClientSampleId :

RE123D2-20190306

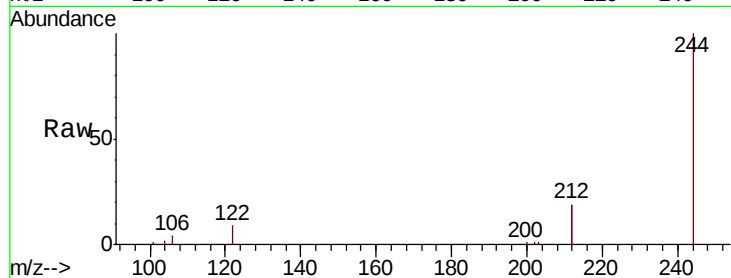
Tot Ion:244 Resp: 9166

Ion Ratio Lower Upper

244 100

212 38.1 29.4 44.2

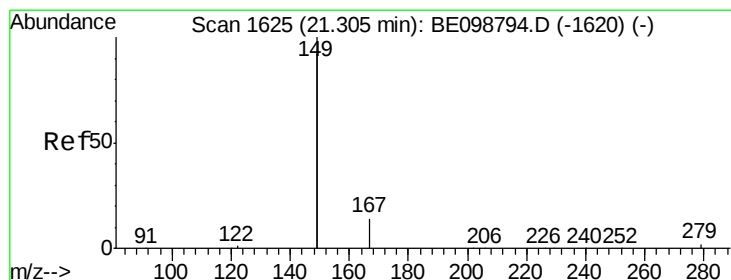
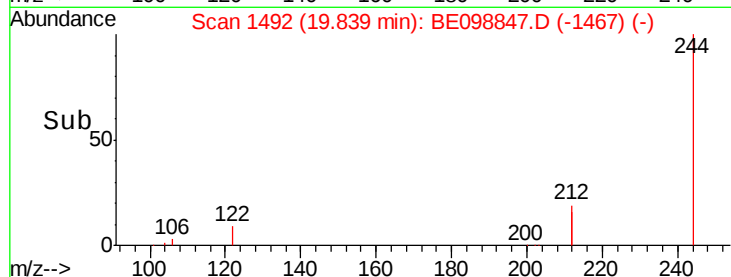
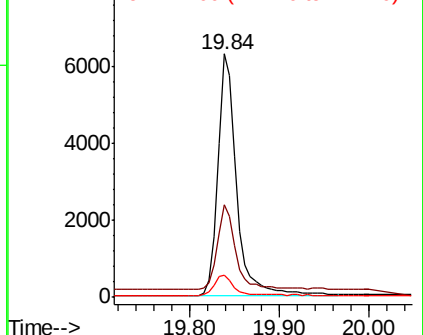
122 9.3 7.1 10.7



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: 0.046 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098847.D

Acq: 9 Mar 2019 00:16

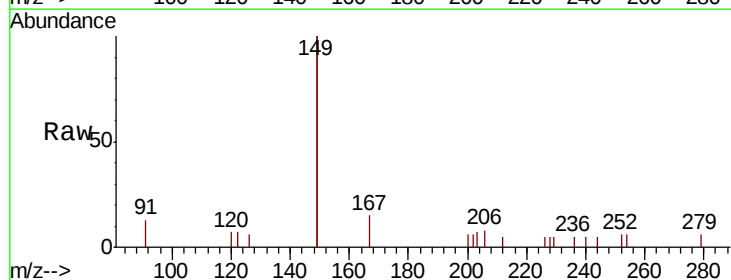
Tgt Ion:149 Resp: 2079

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

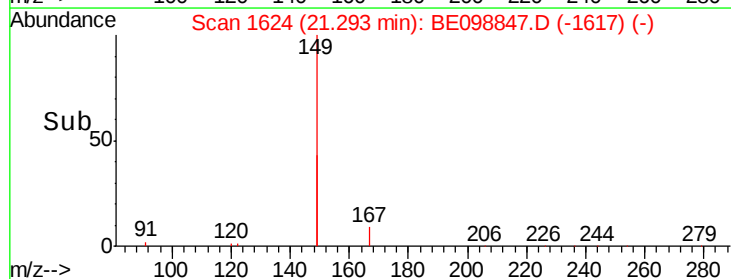
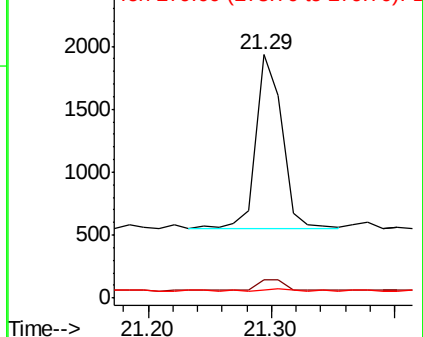
279 2.4 1.0 1.4#

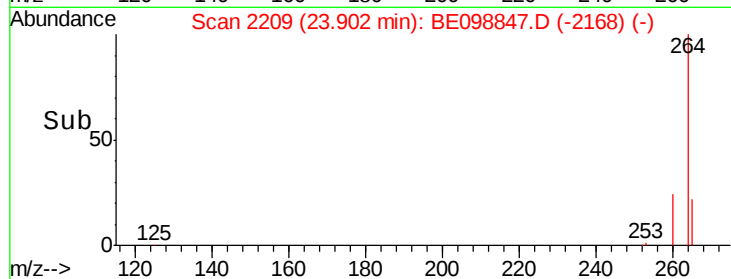
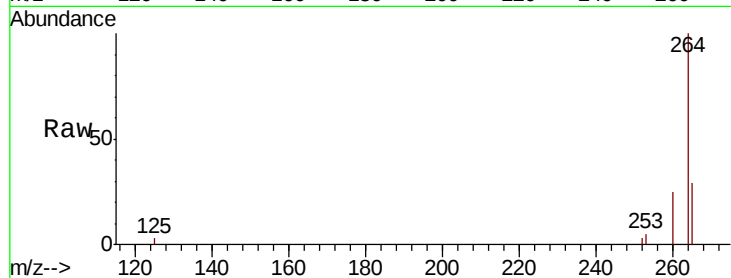


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098847.D
 Acq: 9 Mar 2019 00:16

Instrument :
 BNA_E
 ClientSampleId :
 RE123D2-20190306

Tot Ion:264 Resp: 6631
 Ion Ratio Lower Upper
 264 100
 260 25.5 21.2 31.8
 265 29.1 24.6 36.8

