

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098845.D
 Acq On : 8 Mar 2019 23:05
 Operator : JU/SJ
 Sample : K1793-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE117D1-20190305

Quant Time: Mar 09 00:46:50 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

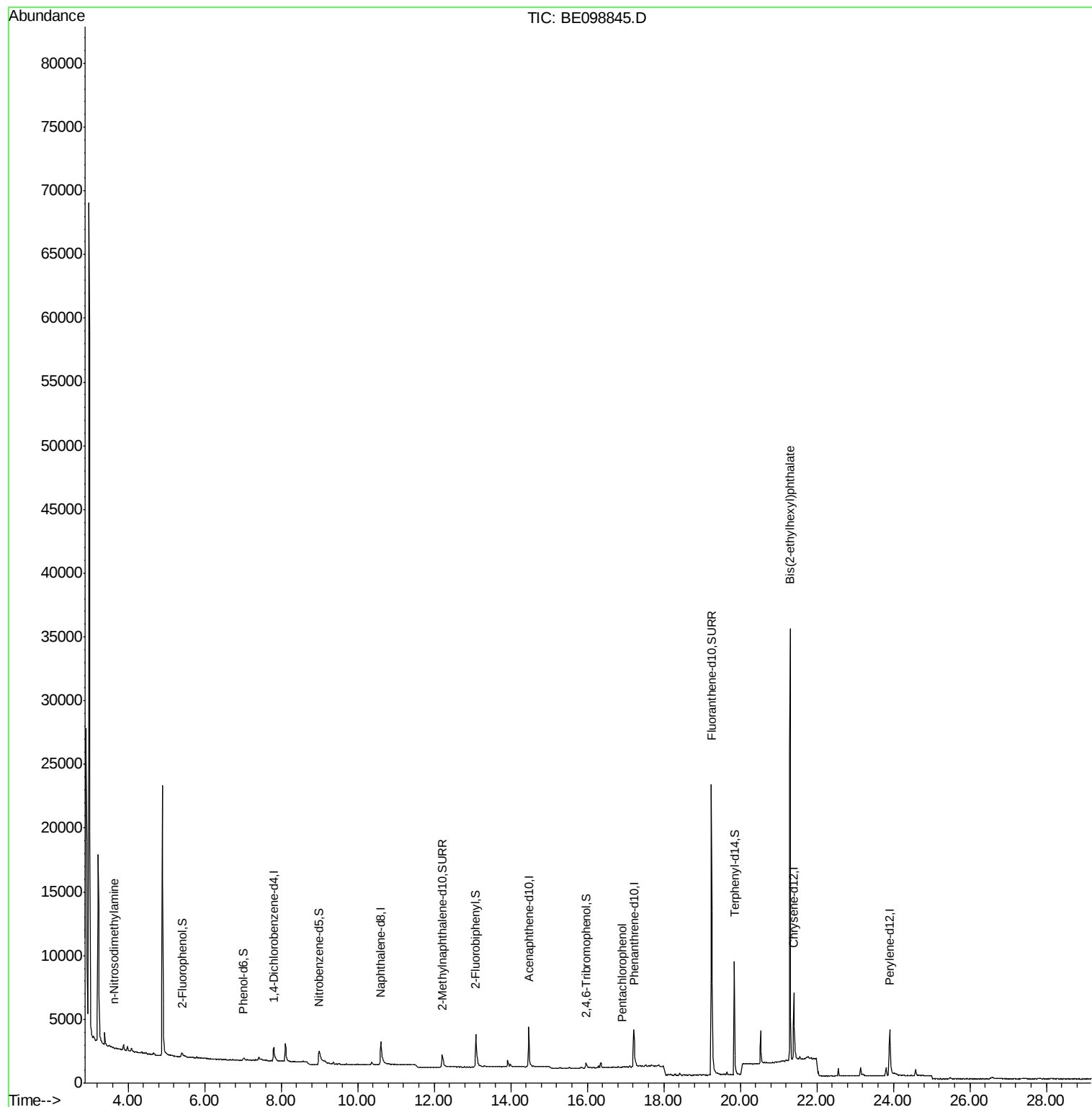
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	811	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3147	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2094	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	5726	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6669	0.40	ng	0.00
34) Perylene-d12	23.90	264	6432	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	285	0.12	ng	0.02
5) Phenol-d6	7.01	99	292	0.09	ng	0.02
8) Nitrobenzene-d5	8.99	82	1241	0.38	ng	0.02
11) 2-Methylnaphthalene-d10	12.21	152	2320	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	414	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4055	0.47	ng	0.00
25) Fluoranthene-d10	19.25	212	35867	0.39	ng	0.00
29) Terphenyl-d14	19.85	244	8642	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	113	Below Cal	#	71
3) n-Nitrosodimethylamine	3.62	42	70	0.034 ng	#	14
22) Pentachlorophenol	16.92	266	22	0.282 ng		88
32) Bis(2-ethylhexyl)phthalate	21.31	149	42670	0.963 ng		99

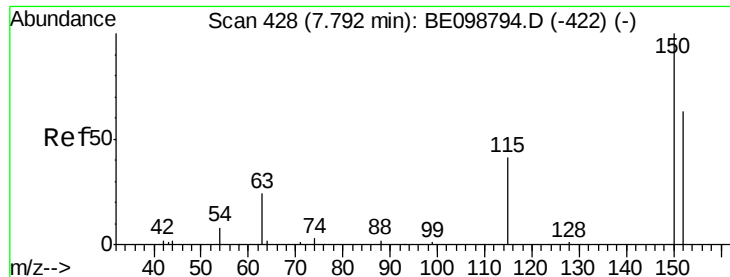
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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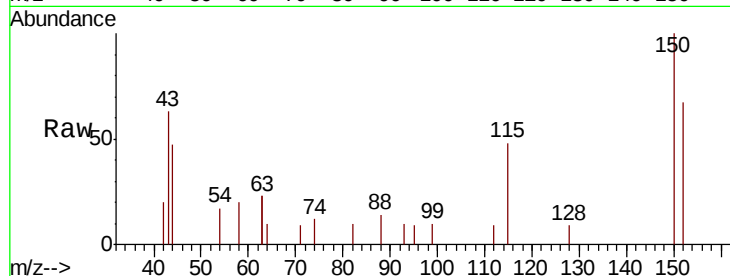


#1

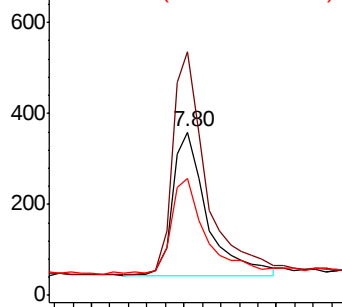
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098845.D
Acq: 8 Mar 2019 23:05

Instrument :
BNA_E
ClientSampleId :
RE117D1-20190305

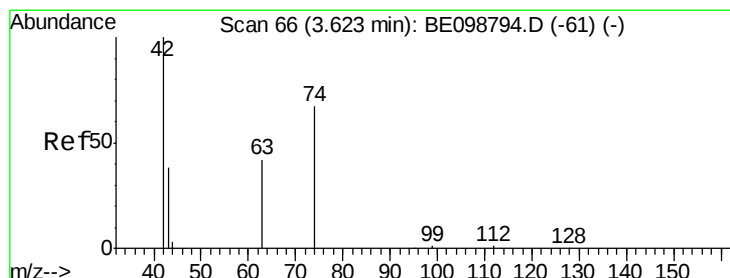
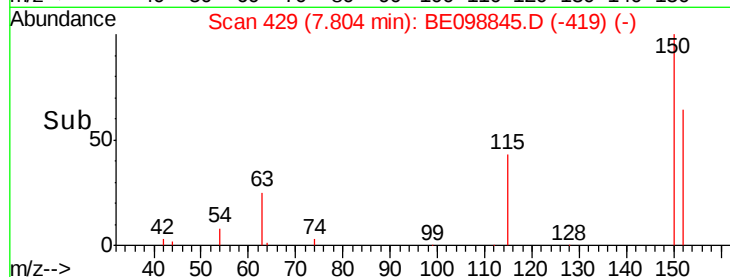
Tot Ion:152 Resp: 811
Ion Ratio Lower Upper
152 100
150 148.9 122.5 183.7
115 71.4 57.4 86.2



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



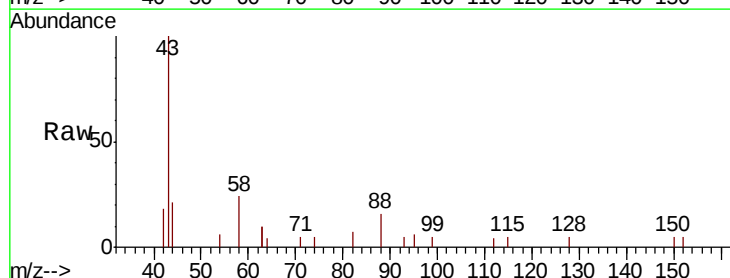
Time-->



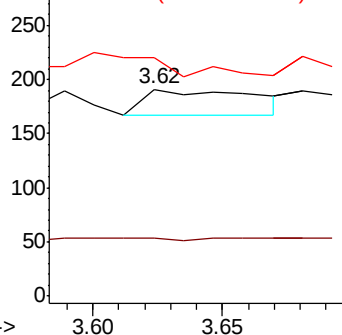
#3

n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098845.D
Acq: 8 Mar 2019 23:05

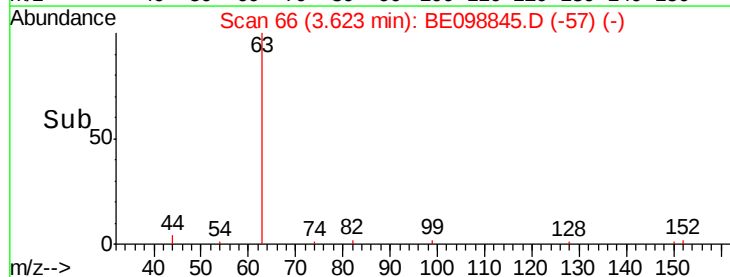
Tgt Ion: 42 Resp: 70
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.4#
44 0.0 0.0 0.0

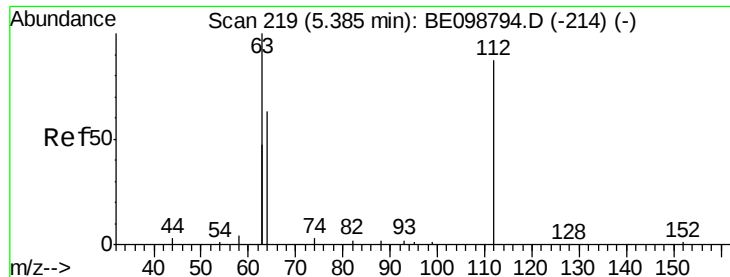


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.118 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

Instrument :

BNA_E

ClientSampleId :

RE117D1-20190305

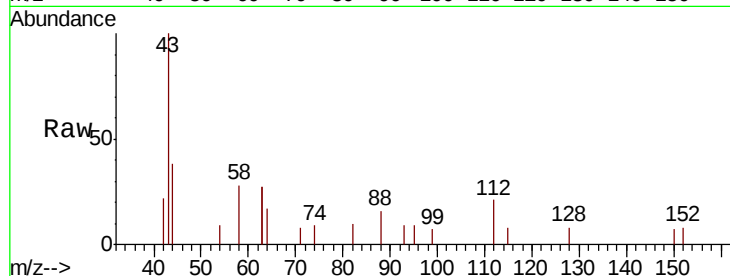
Tot Ion:112 Resp: 285

Ion Ratio Lower Upper

112 100

64 84.6 57.9 86.9

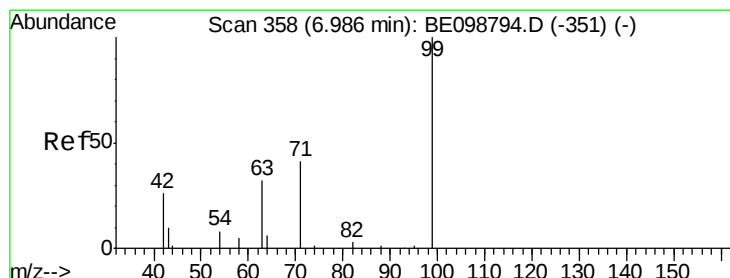
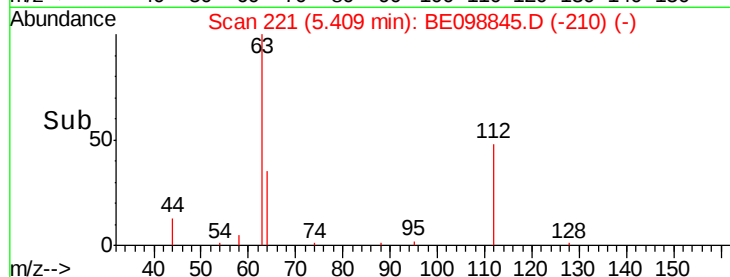
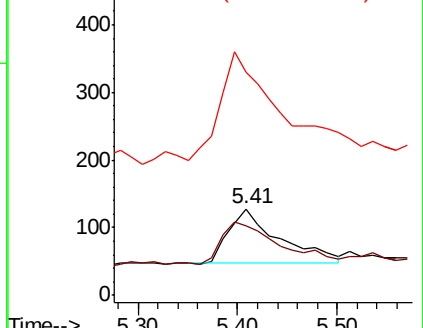
63 258.6 158.3 237.5#



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: 0.085 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

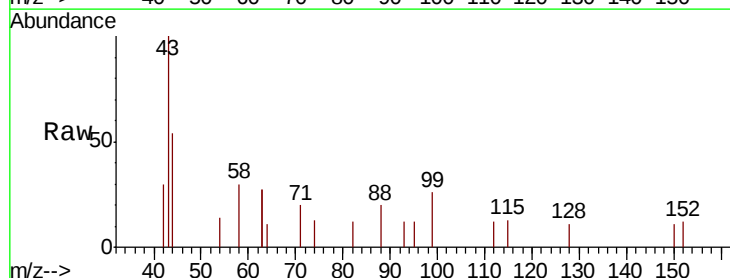
Tgt Ion: 99 Resp: 292

Ion Ratio Lower Upper

99 100

42 45.5 24.2 36.2#

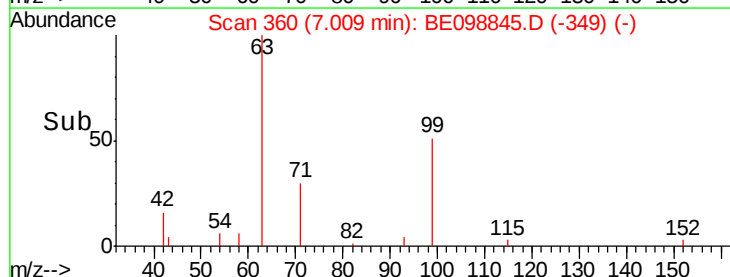
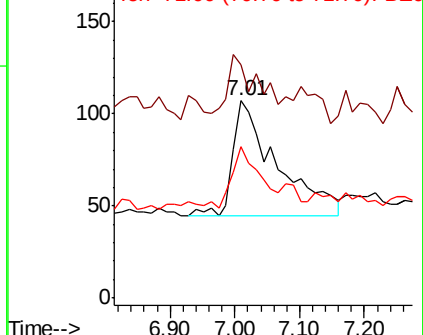
71 31.2 35.7 53.5#

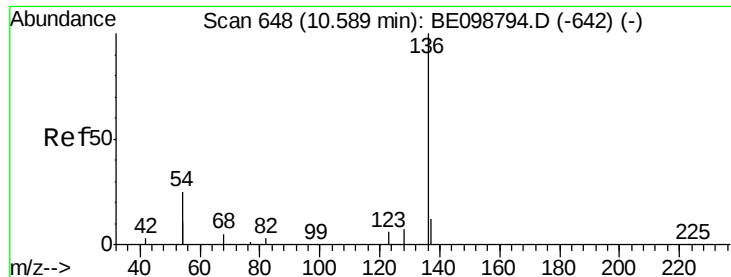


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098845.D

Acq: 8 Mar 2019 23:05

Instrument :

BNA_E

ClientSampleId :

RE117D1-20190305

Tot Ion:136 Resp: 3147

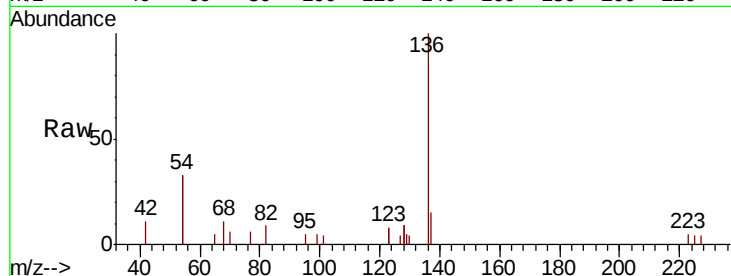
Ion Ratio Lower Upper

136 100

137 14.8 11.4 17.0

54 65.1 39.3 58.9#

68 10.6 6.7 10.1#

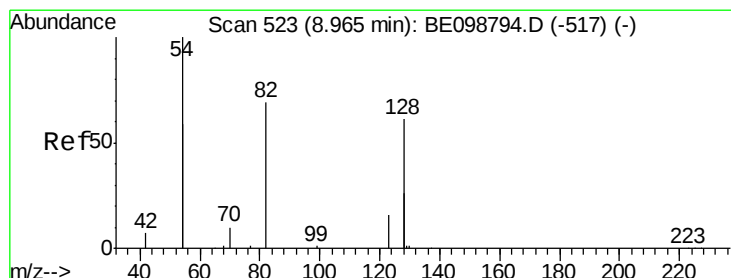
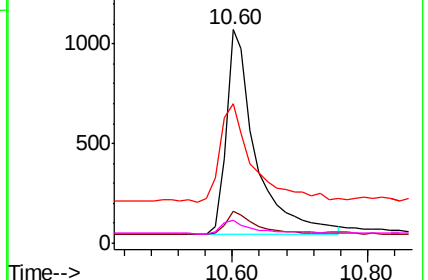
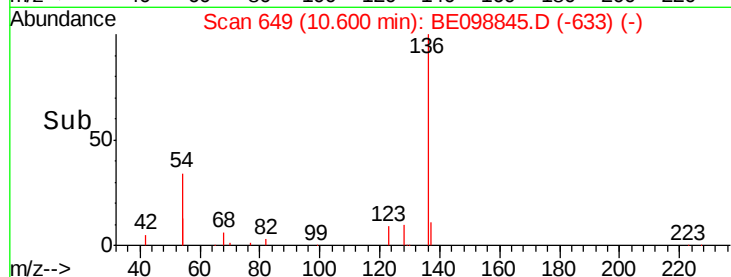


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.02 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

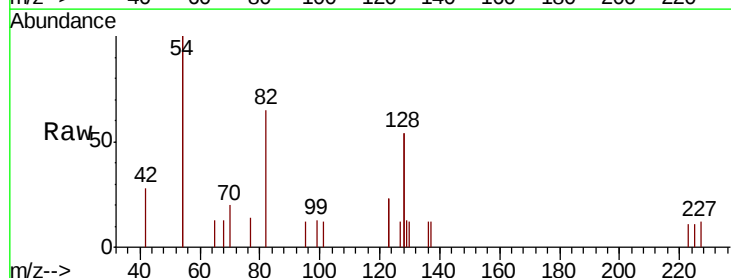
Tgt Ion: 82 Resp: 1241

Ion Ratio Lower Upper

82 100

128 164.8 123.8 185.8

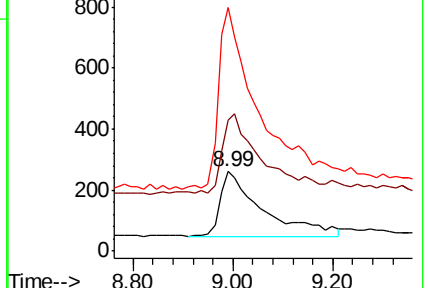
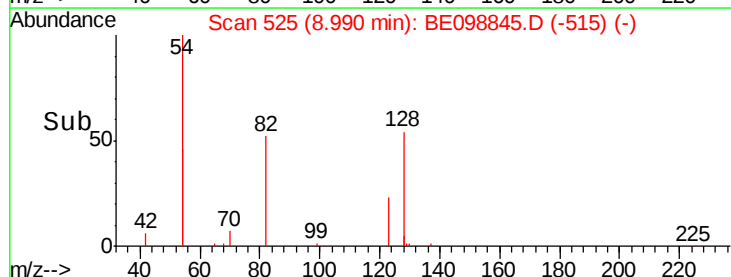
54 305.7 203.4 305.2#

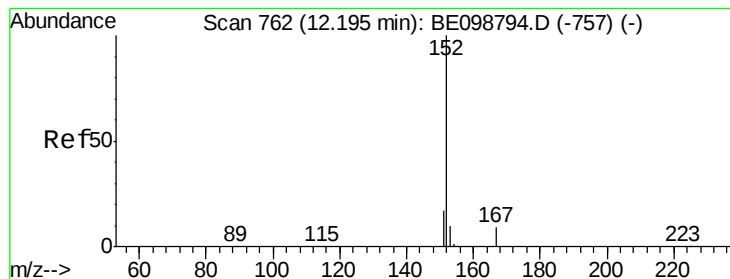


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

Instrument :

BNA_E

ClientSampleId :

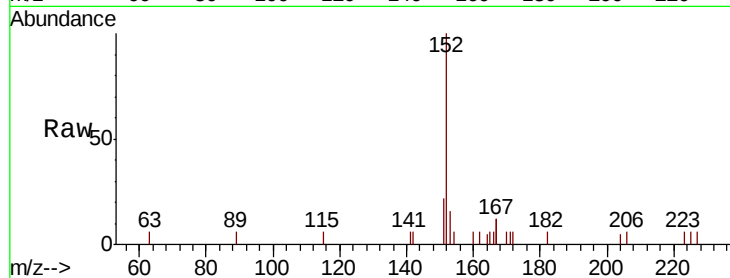
RE117D1-20190305

Tot Ion:152 Resp: 2320

Ion Ratio Lower Upper

152 100

151 18.7 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

800

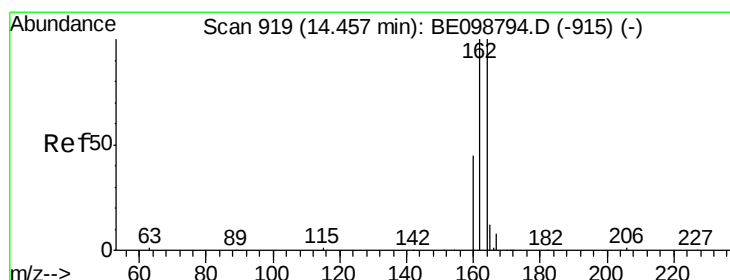
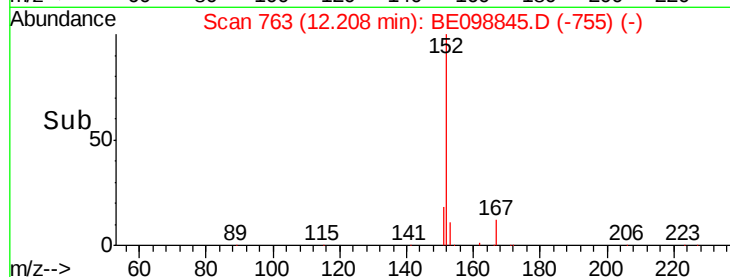
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

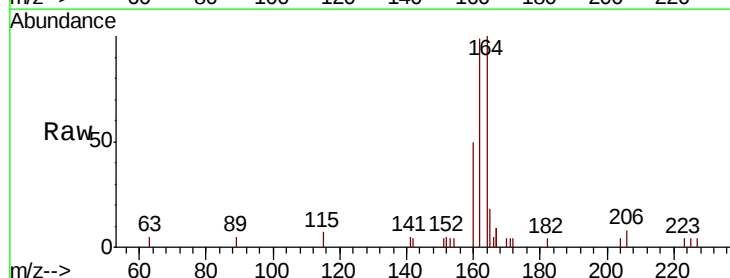
Tgt Ion:164 Resp: 2094

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.2

160 49.7 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

14.47

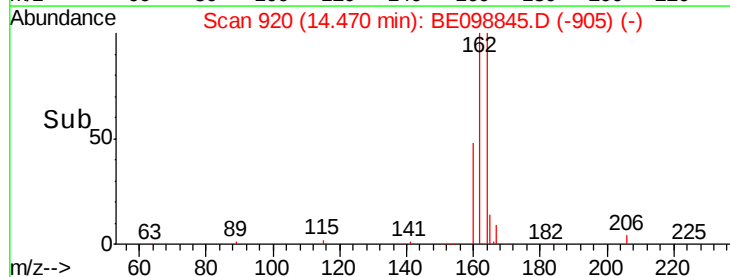
1500

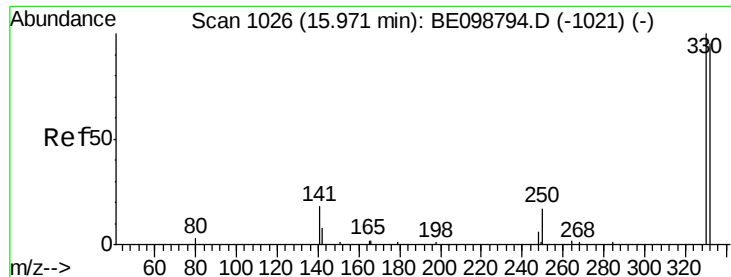
1000

500

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.392 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

Instrument :

BNA_E

ClientSampleId :

RE117D1-20190305

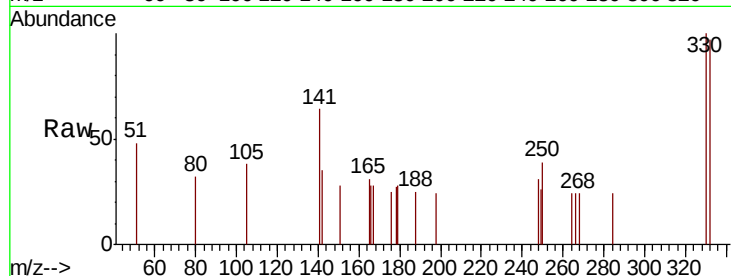
Tot Ion:330 Resp: 414

Ion Ratio Lower Upper

330 100

332 94.7 77.6 116.4

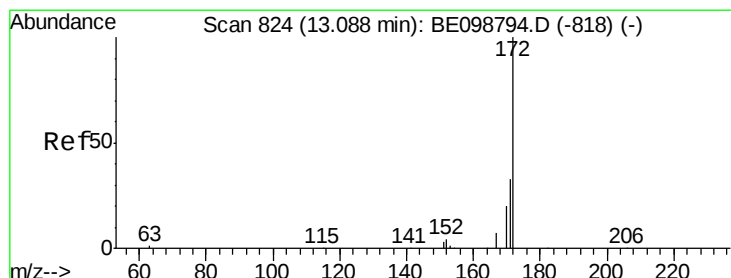
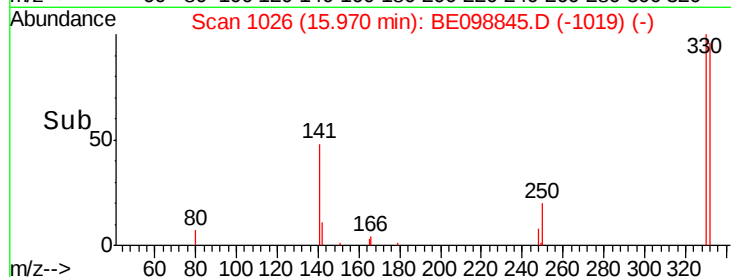
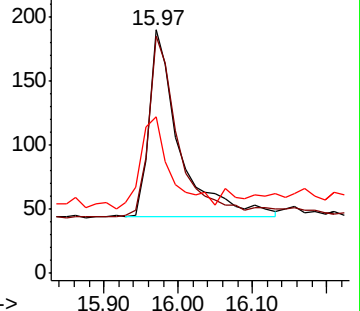
141 49.3 31.0 46.4#



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: 0.468 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

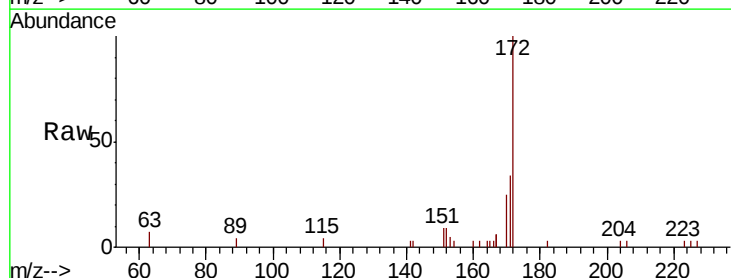
Tgt Ion:172 Resp: 4055

Ion Ratio Lower Upper

172 100

171 34.4 28.0 42.0

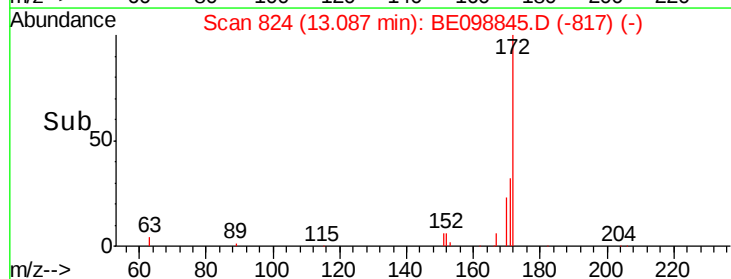
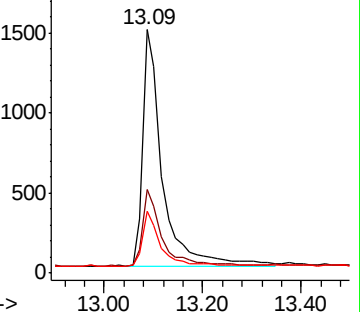
170 25.4 17.7 26.5

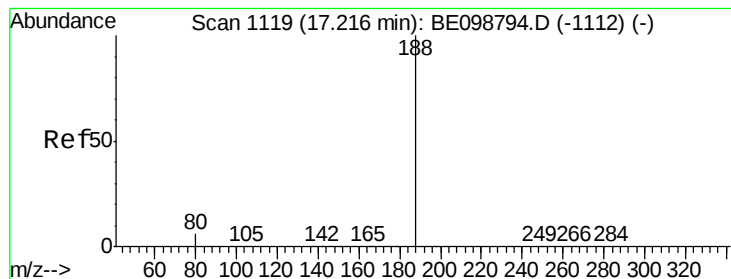


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

Instrument :

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ClientSampleId :

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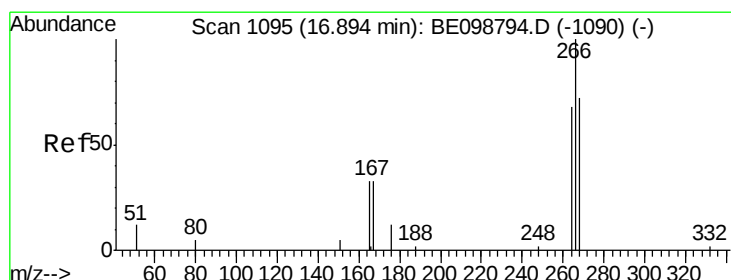
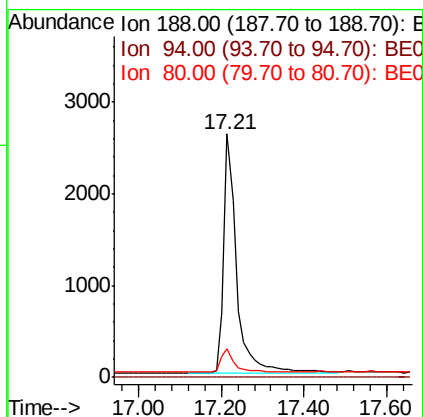
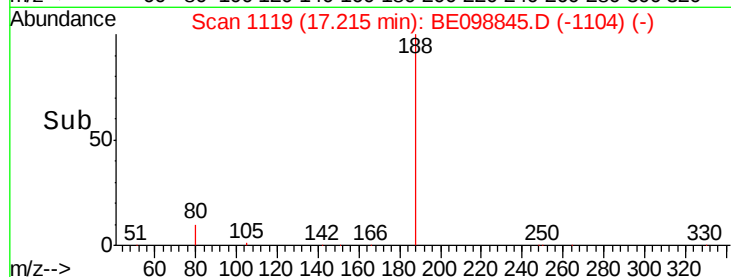
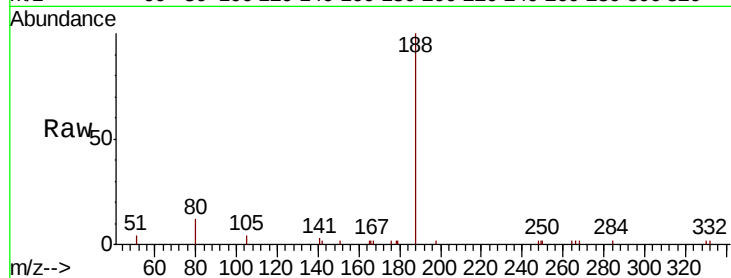
Tot Ion:188 Resp: 5726

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 6.3 9.5#



#22

Pentachlorophenol

Concen: 0.282 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

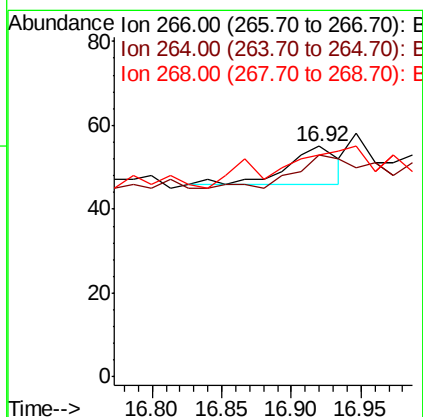
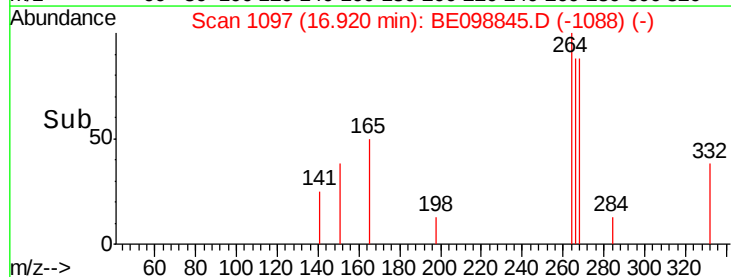
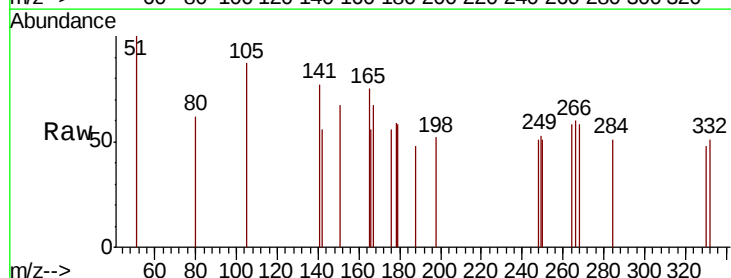
Tgt Ion:266 Resp: 22

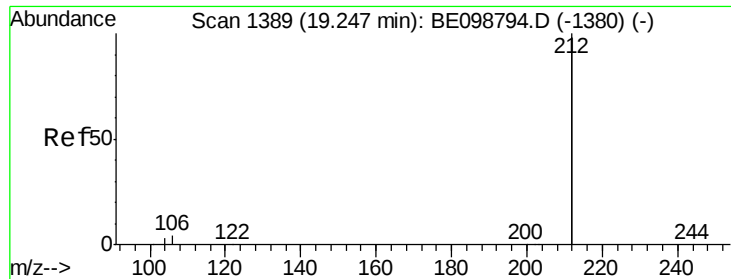
Ion Ratio Lower Upper

266 100

264 96.4 66.6 100.0

268 96.4 69.8 104.8





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098845.D

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RE117D1-20190305

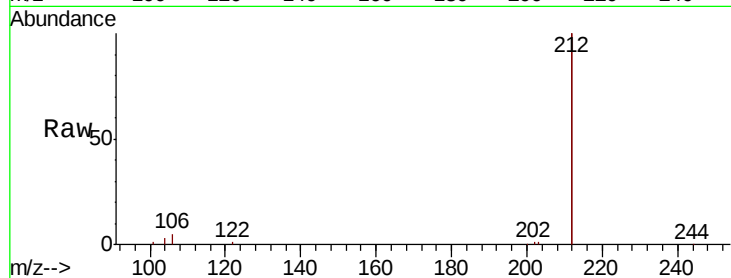
Tot Ion:212 Resp: 35867

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

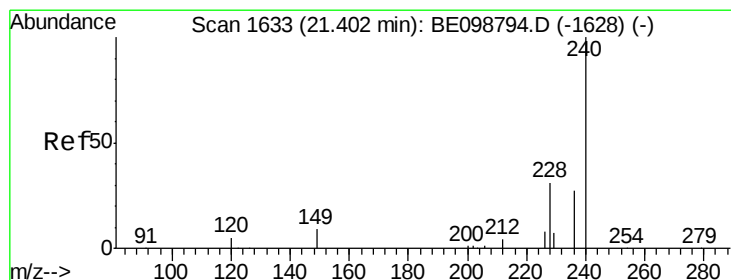
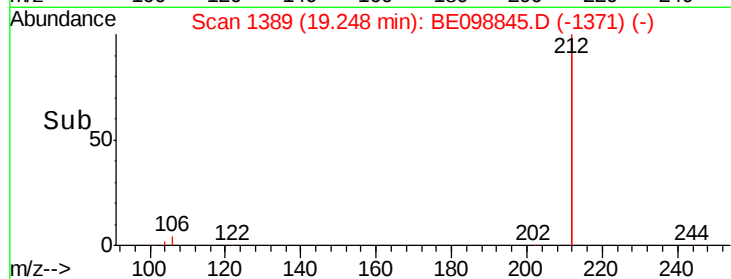
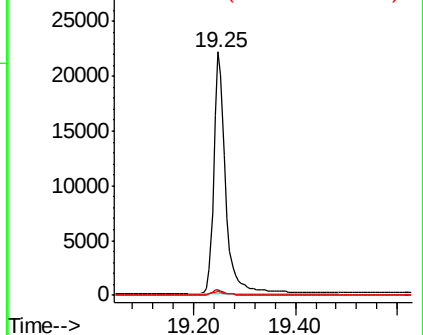
104 1.3 1.0 1.6



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: BE098845.D

Acq: 8 Mar 2019 23:05

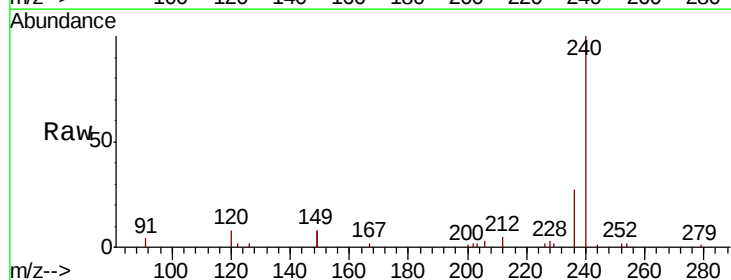
Tgt Ion:240 Resp: 6669

Ion Ratio Lower Upper

240 100

120 8.2 5.0 7.4#

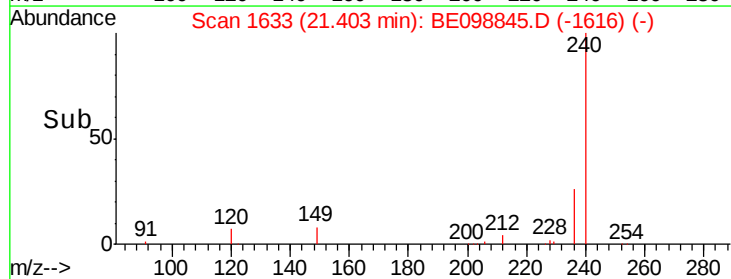
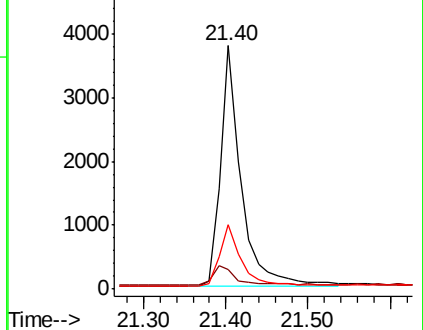
236 26.6 22.7 34.1

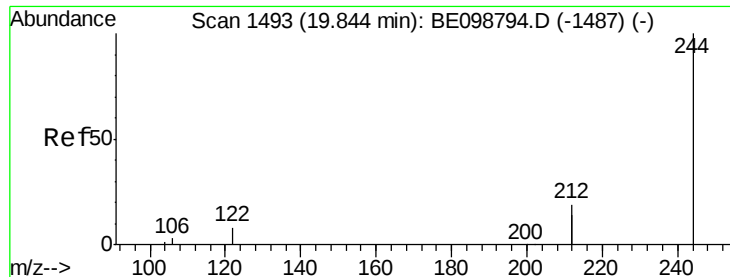


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.533 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

Instrument :

BNA_E

ClientSampleId :

RE117D1-20190305

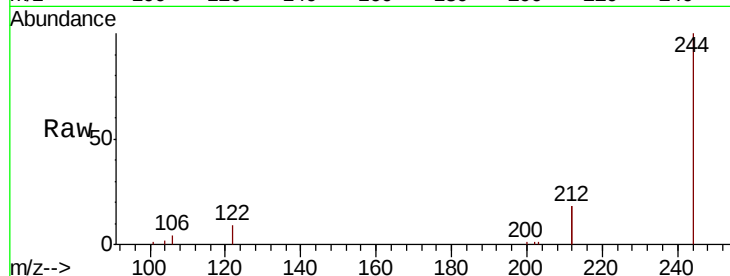
Tot Ion:244 Resp: 8642

Ion Ratio Lower Upper

244 100

212 36.7 29.4 44.2

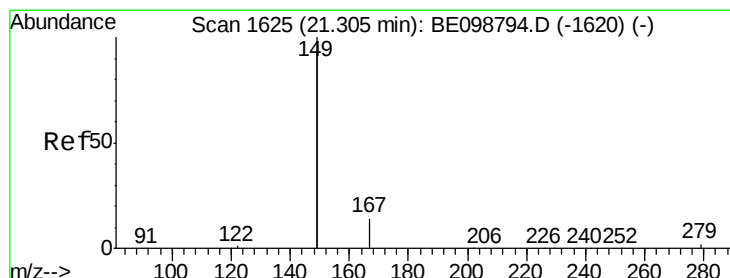
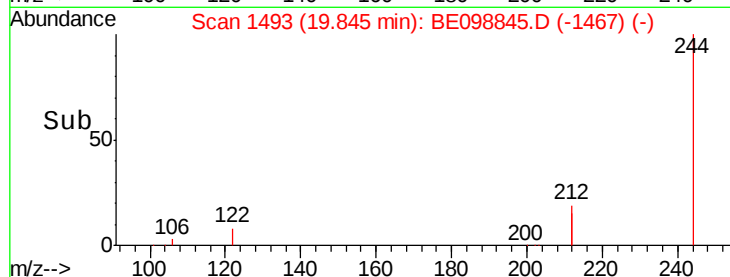
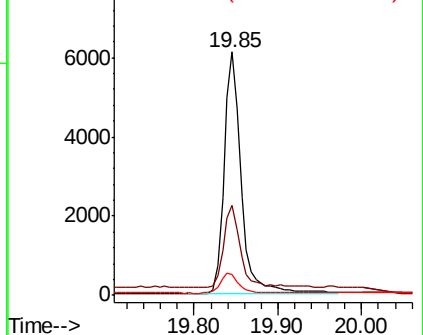
122 8.8 7.1 10.7



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: 0.963 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

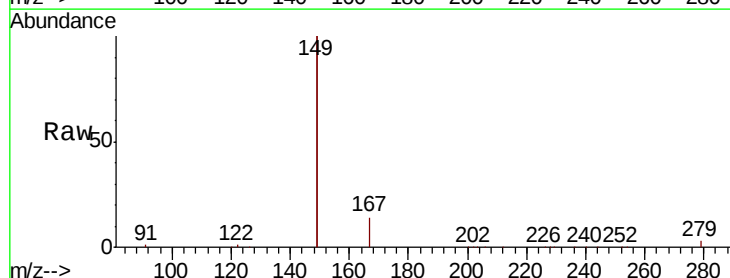
Tgt Ion:149 Resp: 42670

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

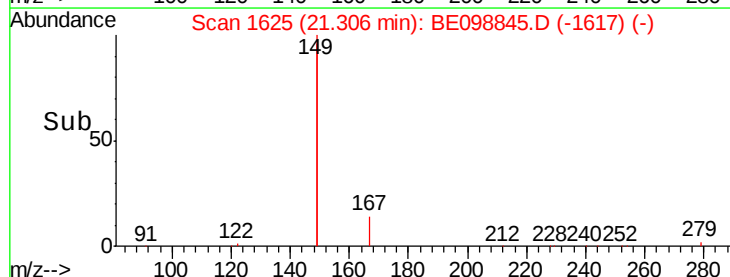
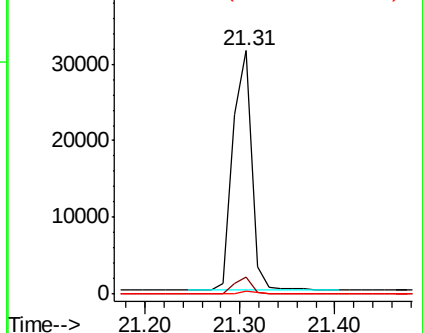
279 1.1 1.0 1.4

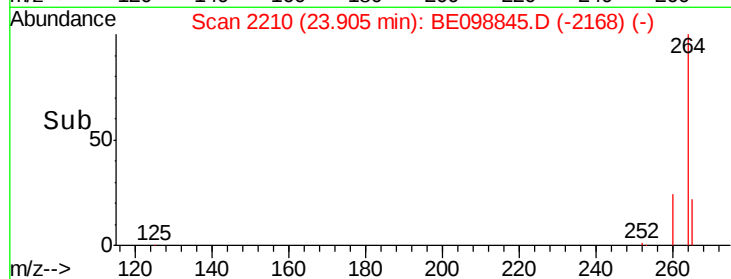
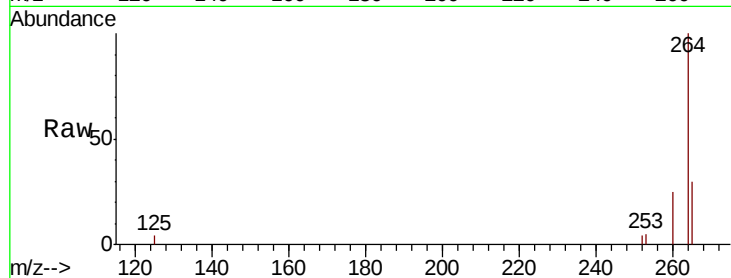
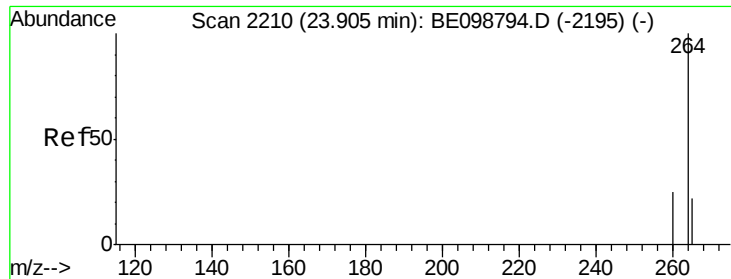


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2210

Delta R.T. -0.00 min

Lab File: BE098845.D

Acq: 8 Mar 2019 23:05

Instrument :

BNA_E

ClientSampleId :

RE117D1-20190305

Tot Ion:264 Resp: 6432

Ion Ratio Lower Upper

264 100

260 25.0 21.2 31.8

265 29.8 24.6 36.8

