

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098875.D
 Acq On : 12 Mar 2019 00:26
 Operator : JU/SJ
 Sample : K1839-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20190307

Quant Time: Mar 12 07:27:24 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	683	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2781	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2060	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5084	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6384	0.40	ng	0.00
34) Perylene-d12	23.90	264	6358	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	321	0.16	ng	0.02
5) Phenol-d6	7.02	99	166	0.06	ng	0.03
8) Nitrobenzene-d5	9.00	82	856	0.29	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2126	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	335	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3393	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	32251	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	7679	0.49	ng	0.00

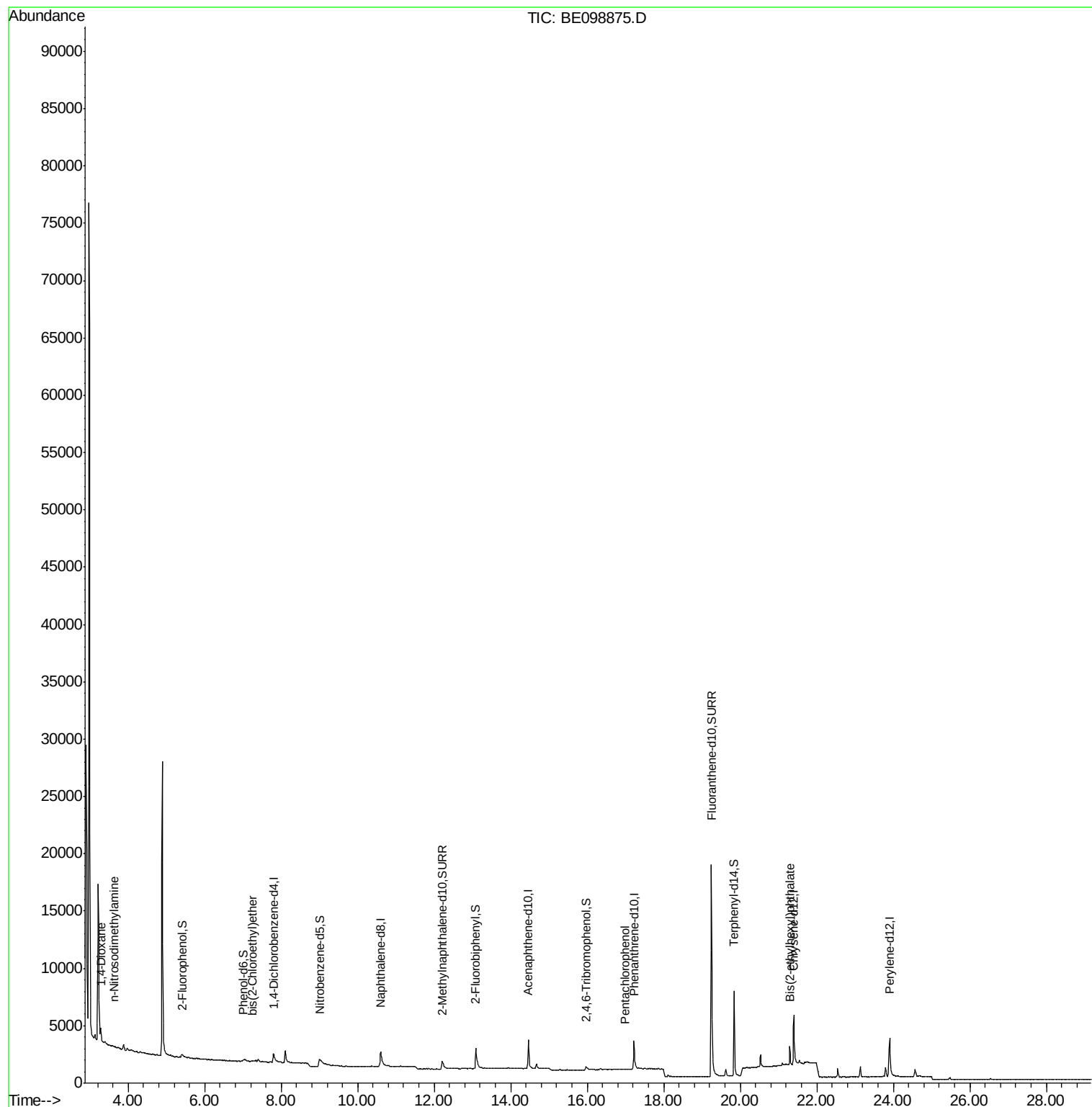
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	642	0.506	ng	# 68
3) n-Nitrosodimethylamine	3.62	42	39	0.023	ng	# 14
6) bis(2-Chloroethyl)ether	7.24	93	60	0.027	ng	# 1
22) Pentachlorophenol	16.97	266	39	0.299	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	2032	0.048	ng	98

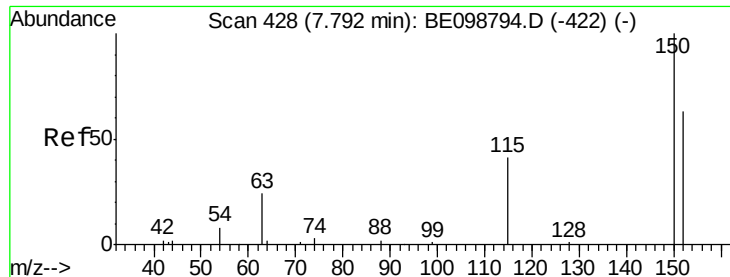
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098875.D

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Instrument :

BNA_E

ClientSampleId :

RE104D2-20190307

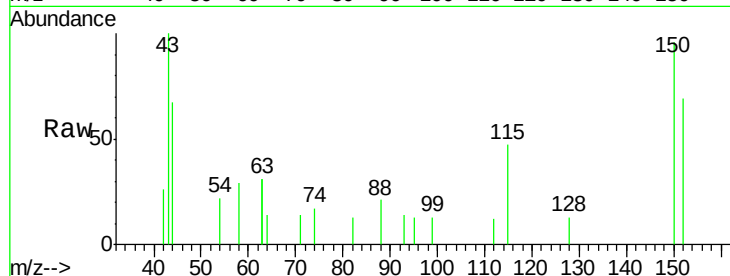
Tgt Ion:152 Resp: 683

Ion Ratio Lower Upper

152 100

150 140.0 122.5 183.7

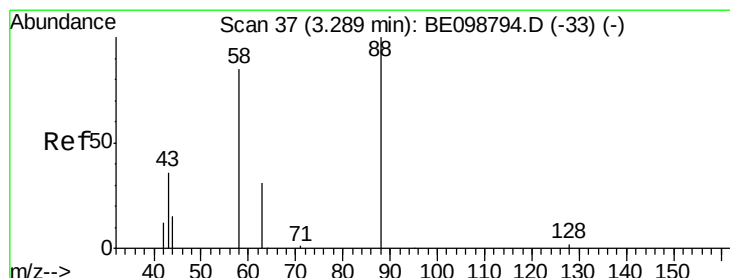
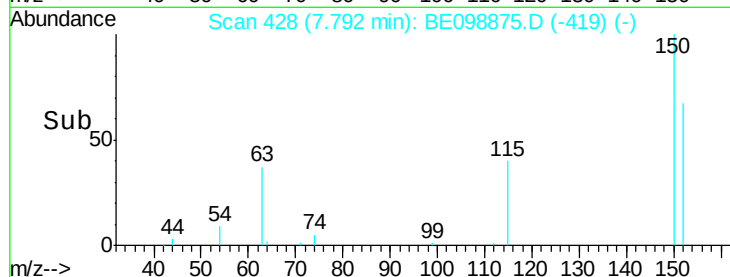
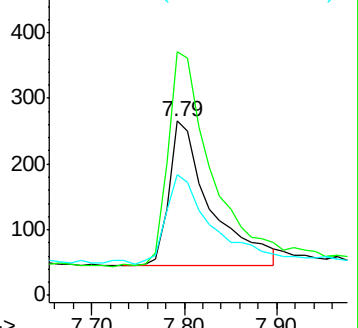
115 69.1 57.4 86.2



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: 0.506 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

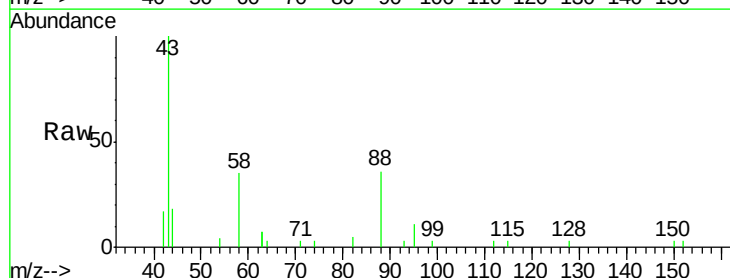
Tgt Ion: 88 Resp: 642

Ion Ratio Lower Upper

88 100

58 83.8 75.8 113.6

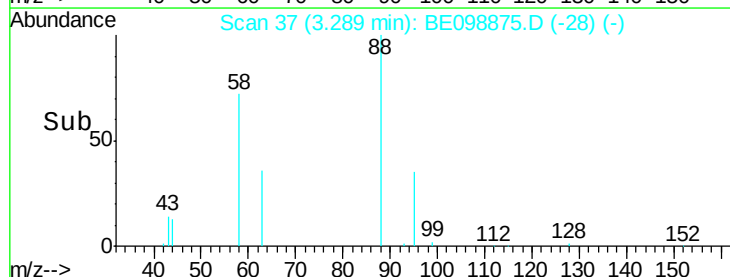
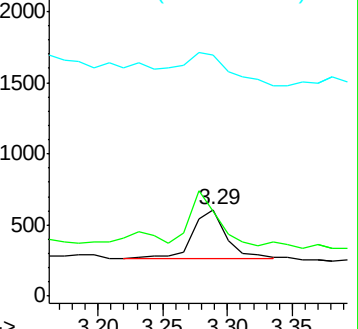
43 101.7 41.8 62.8#

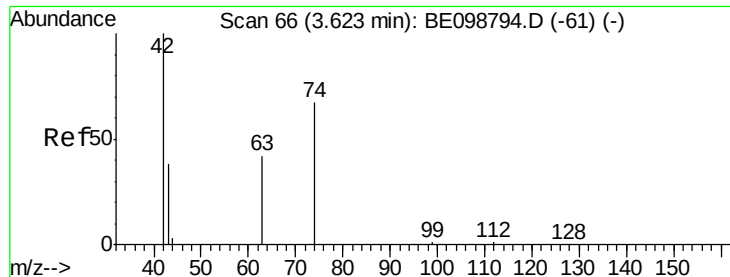


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190307

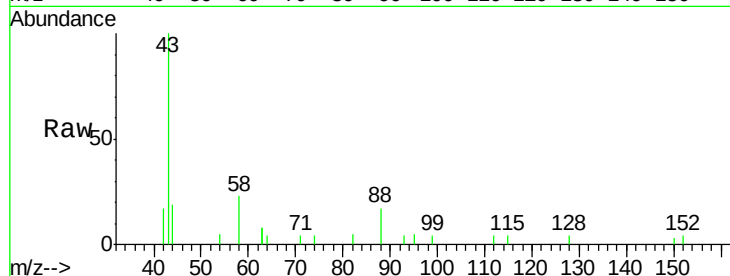
Tgt Ion: 42 Resp: 39

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

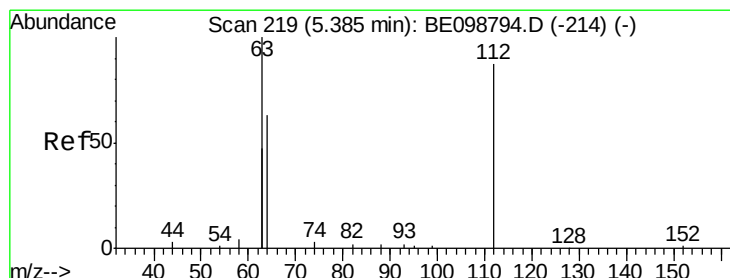
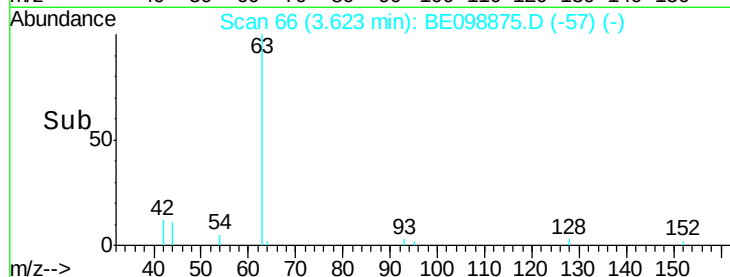
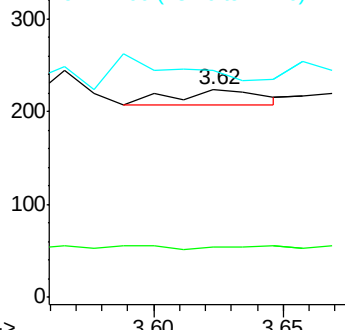
44 0.0 0.0 0.0



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



#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

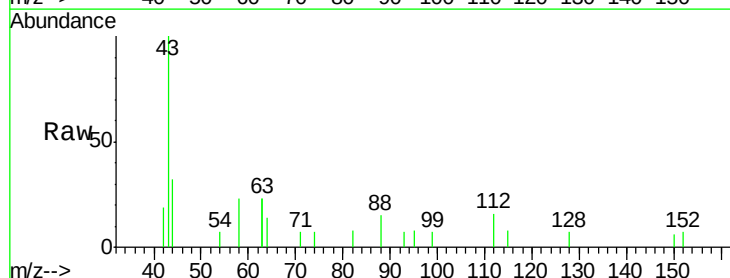
Tgt Ion: 112 Resp: 321

Ion Ratio Lower Upper

112 100

64 61.7 57.9 86.9

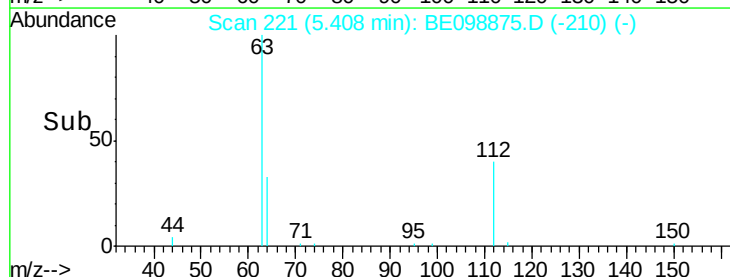
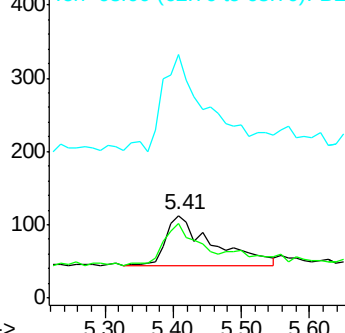
63 183.8 158.3 237.5

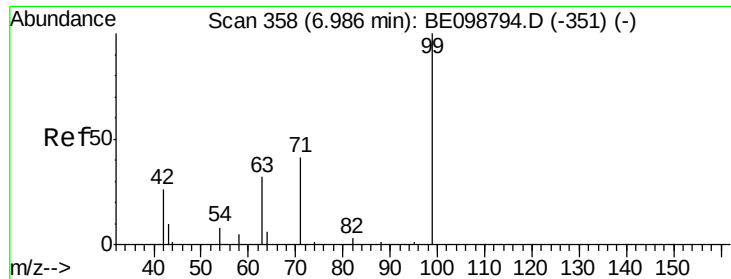


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.058 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.03 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190307

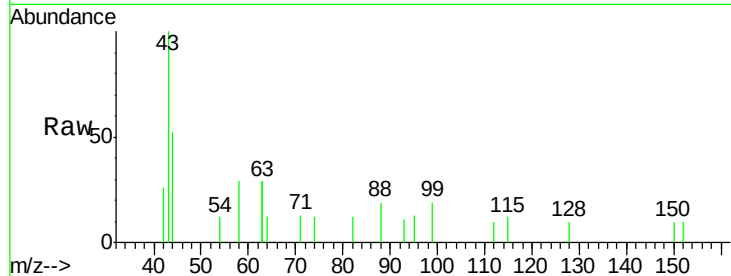
Tgt Ion: 99 Resp: 166

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

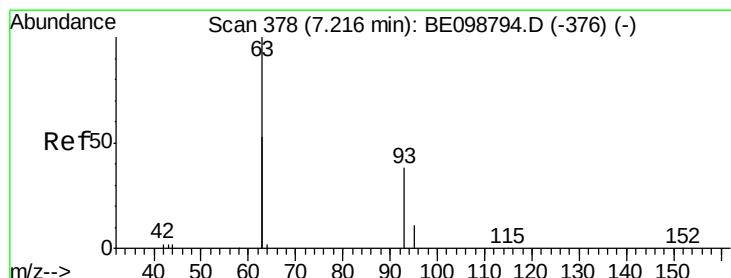
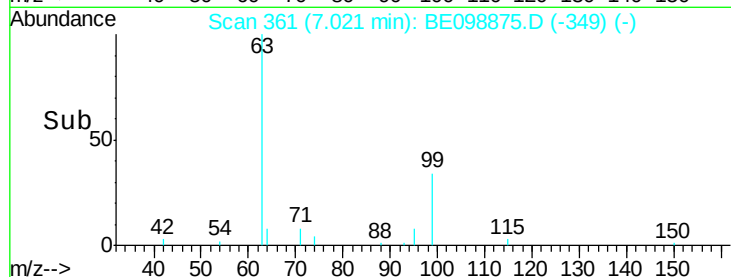
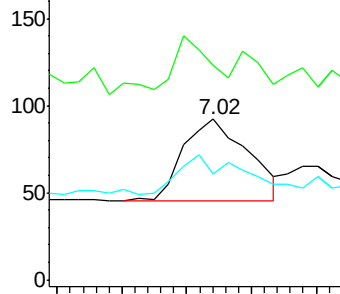
71 48.8 35.7 53.5



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



#6

bis(2-Chloroethyl)ether

Concen: 0.027 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.02 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

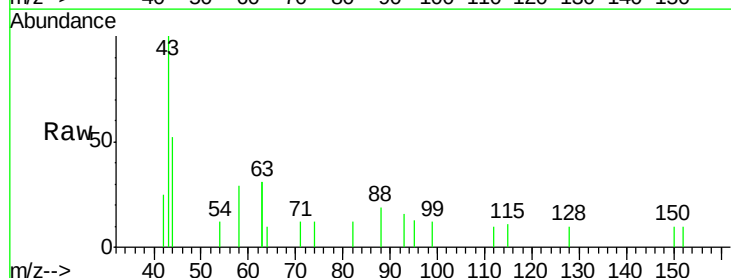
Tgt Ion: 93 Resp: 60

Ion Ratio Lower Upper

93 100

63 0.0 247.5 371.3#

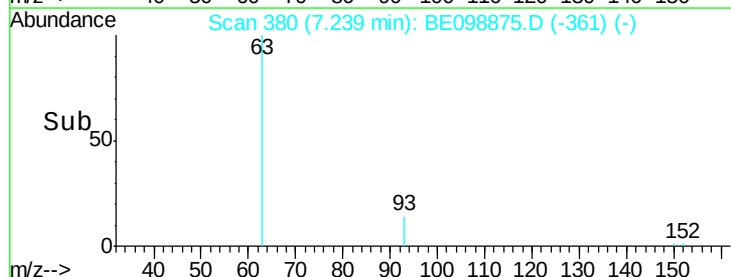
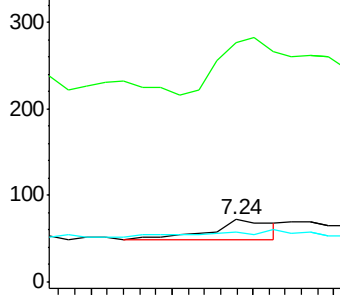
95 0.0 21.8 32.8#

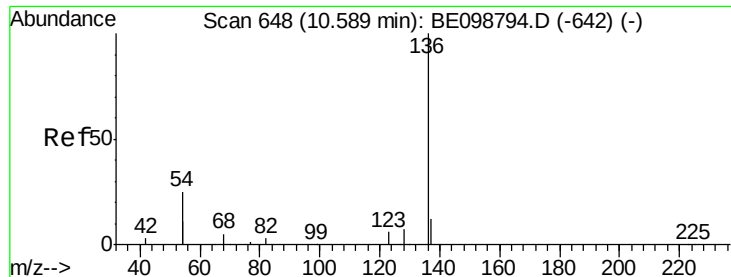


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190307

Tgt Ion: 136 Resp: 2781

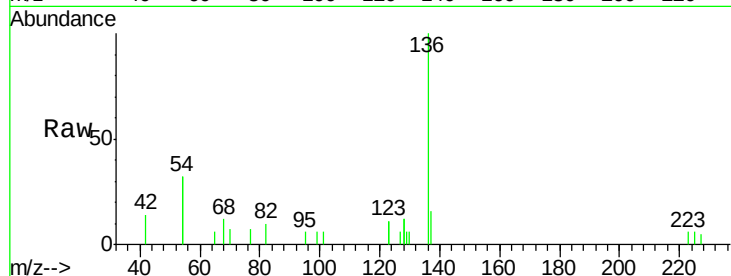
Ion Ratio Lower Upper

136 100

137 16.3 11.4 17.0

54 63.8 39.3 58.9#

68 12.1 6.7 10.1#

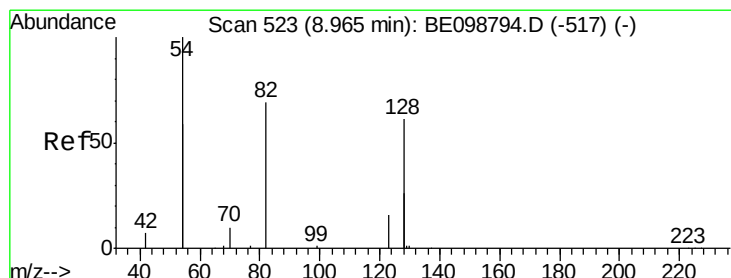
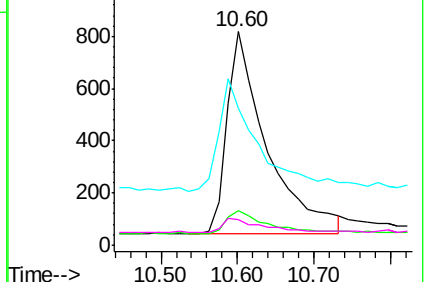
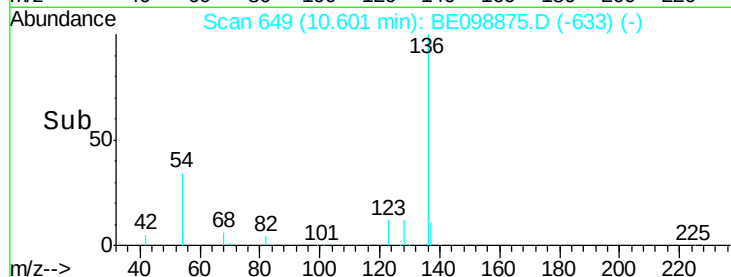


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.294 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

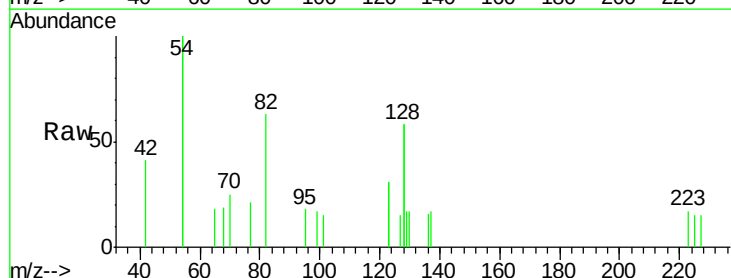
Tgt Ion: 82 Resp: 856

Ion Ratio Lower Upper

82 100

128 186.5 123.8 185.8#

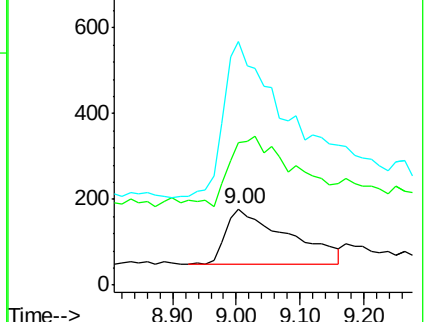
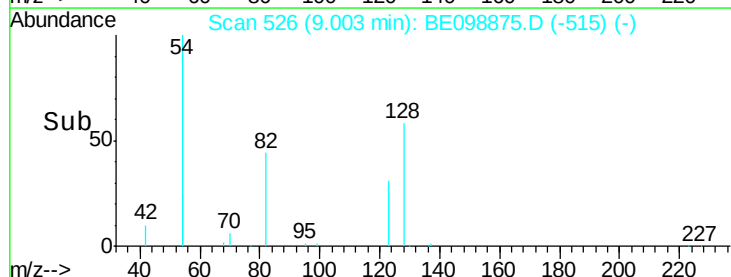
54 319.1 203.4 305.2#

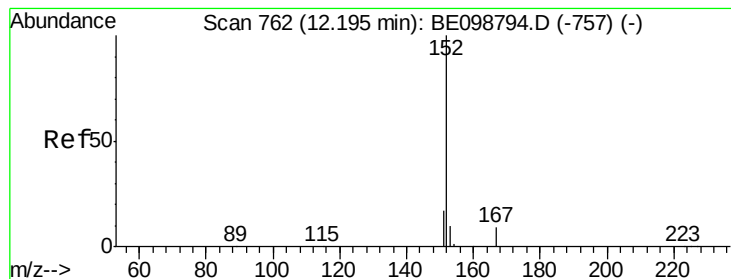


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.414 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

Instrument :

BNA_E

ClientSampleId :

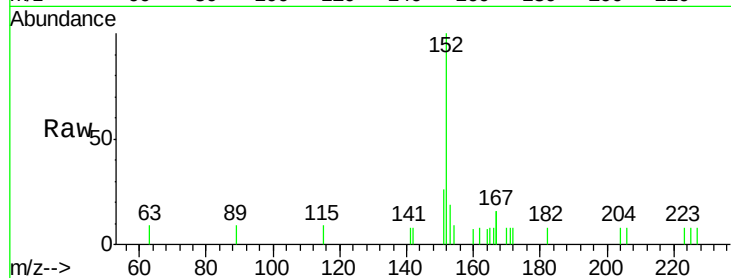
RE104D2-20190307

Tgt Ion:152 Resp: 2126

Ion Ratio Lower Upper

152 100

151 18.2 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

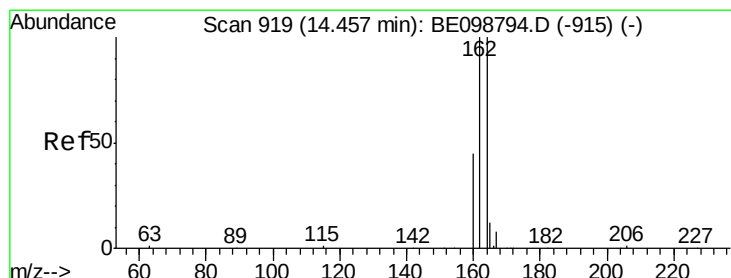
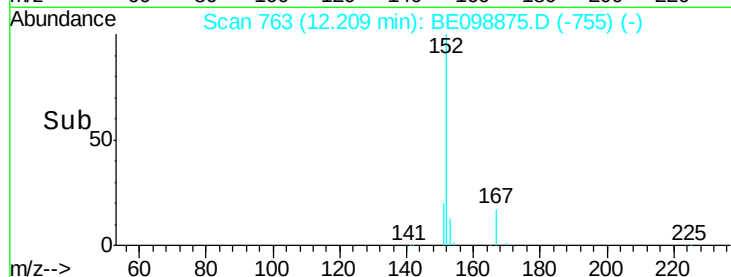
600

400

200

0

Time--> 12.00 12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

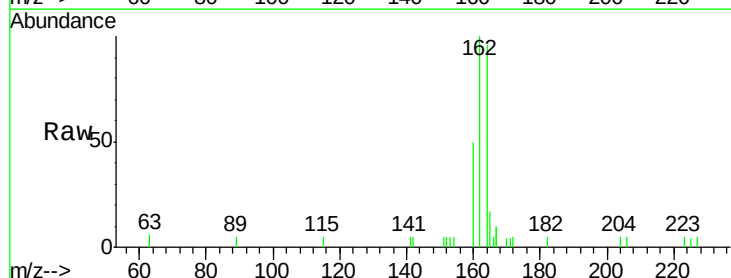
Tgt Ion:164 Resp: 2060

Ion Ratio Lower Upper

164 100

162 104.6 80.2 120.2

160 52.4 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

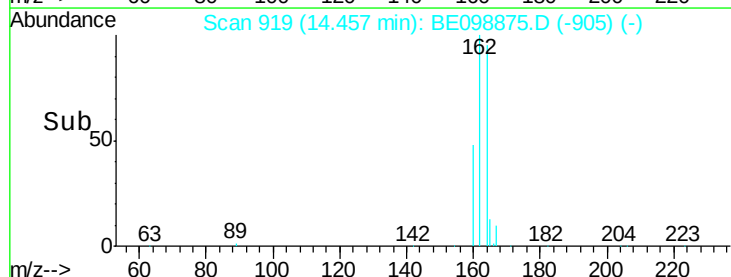
14.46

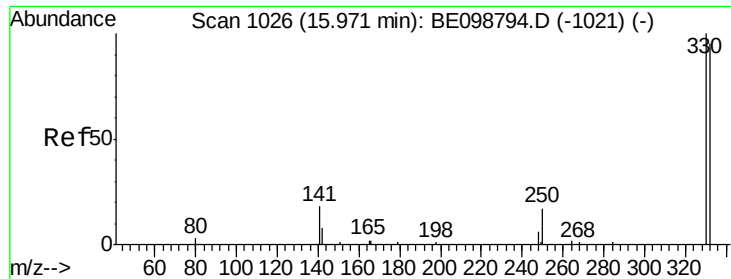
1000

500

0

Time--> 14.40 14.50 14.60

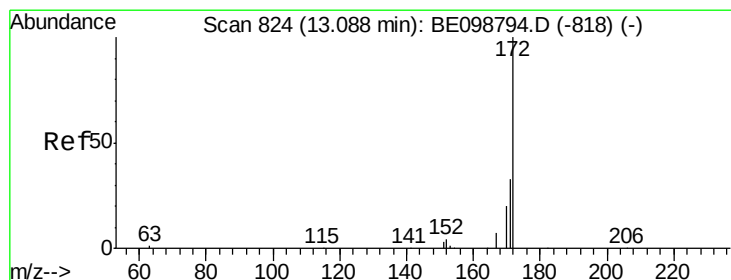
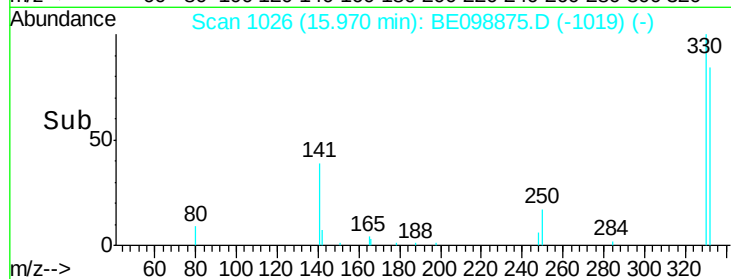
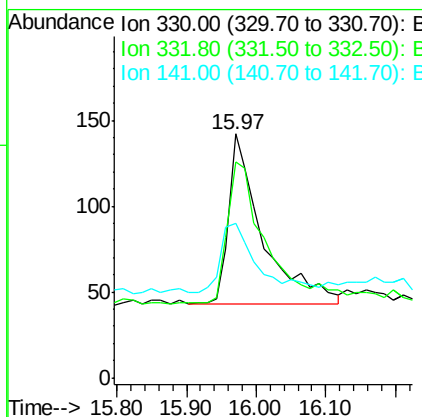
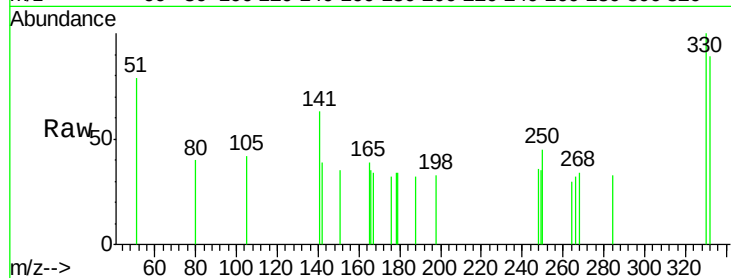




#14
 2,4,6-Tribromophenol
 Concen: 0.322 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098875.D
 Acq: 12 Mar 2019 00:26

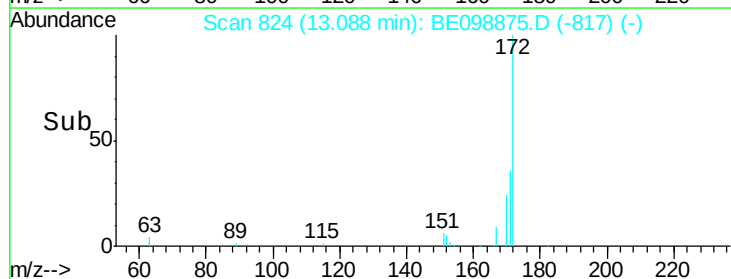
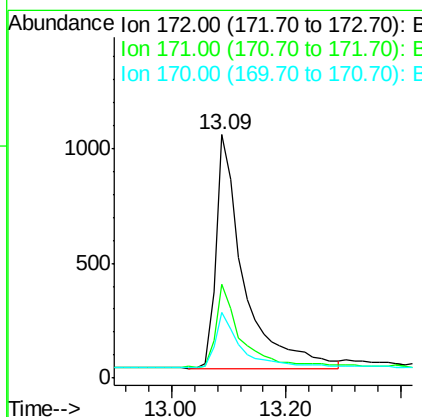
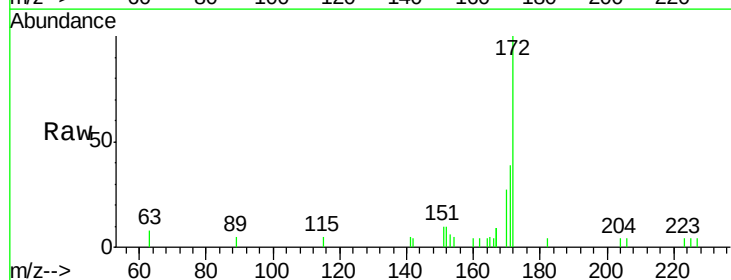
Instrument :
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 ClientSampleId :
 RE104D2-20190307

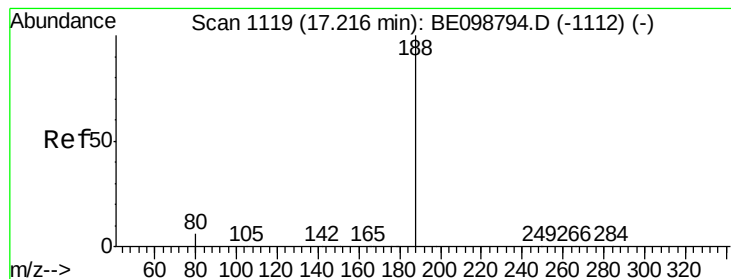
Tgt Ion:330 Resp: 335
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.6 116.4
 141 43.3 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.398 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098875.D
 Acq: 12 Mar 2019 00:26

Tgt Ion:172 Resp: 3393
 Ion Ratio Lower Upper
 172 100
 171 38.7 28.0 42.0
 170 26.9 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: BE098875.D

Acq: 12 Mar 2019 00:26

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190307

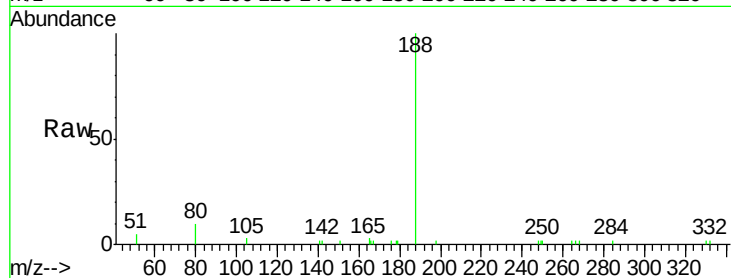
Tgt Ion:188 Resp: 5084

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

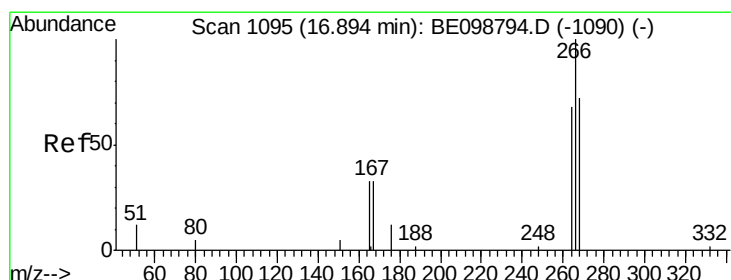
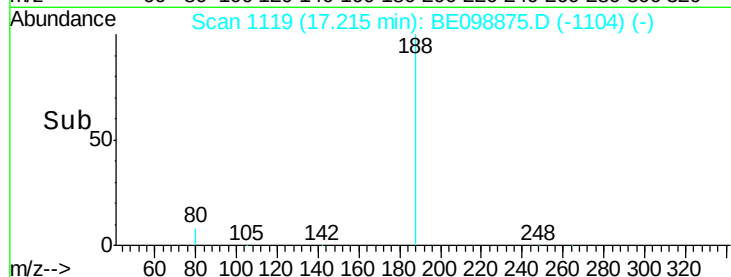
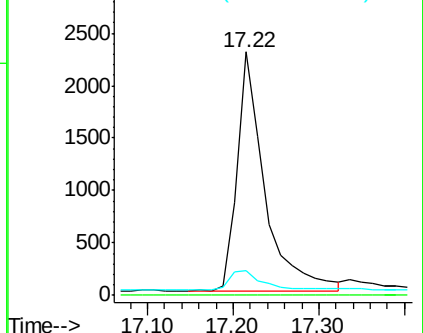
80 10.3 6.3 9.5#



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: 0.299 ng

RT: 16.97 min Scan# 1101

Delta R.T. 0.08 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

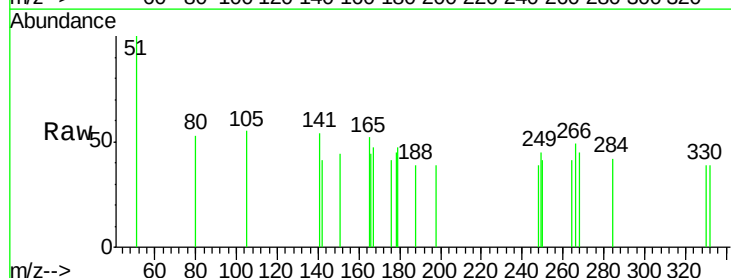
Tgt Ion:266 Resp: 39

Ion Ratio Lower Upper

266 100

264 83.9 66.6 100.0

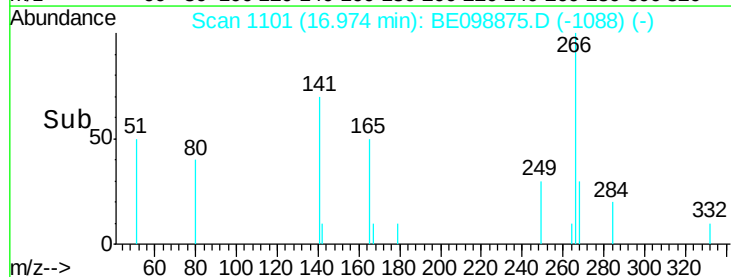
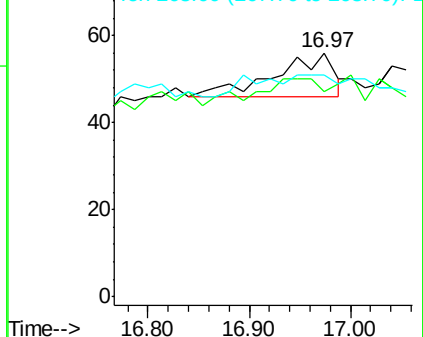
268 91.1 69.8 104.8

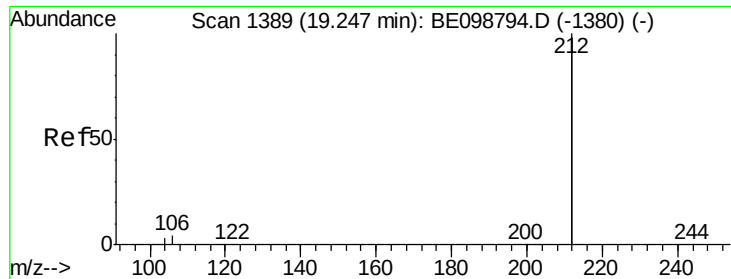


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

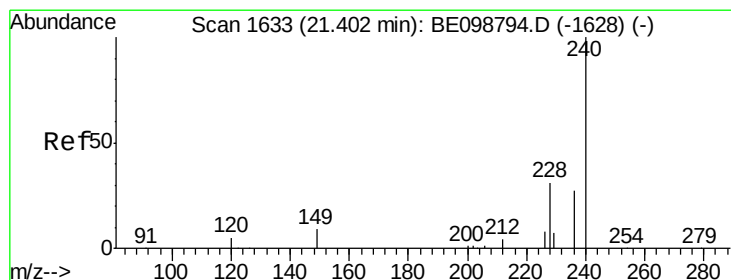
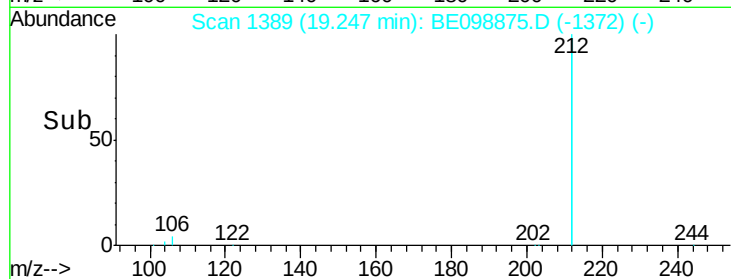
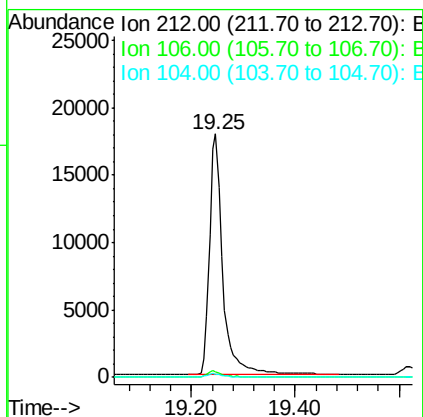
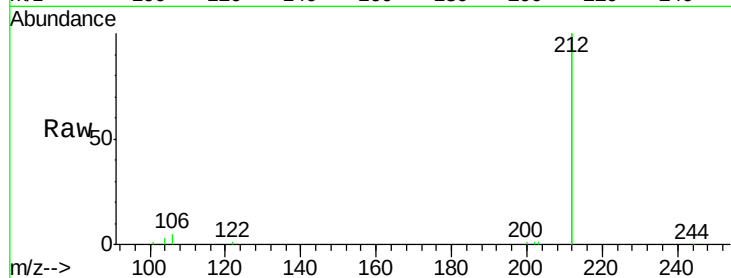




#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE098875.D
Acq: 12 Mar 2019 00:26

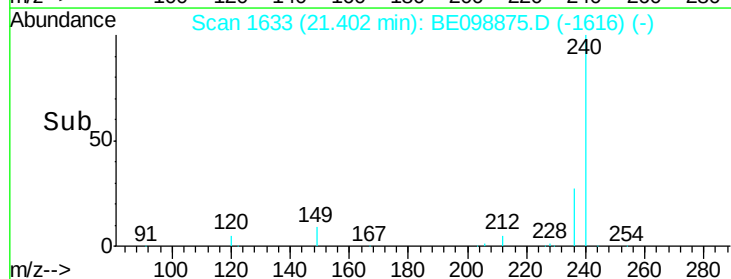
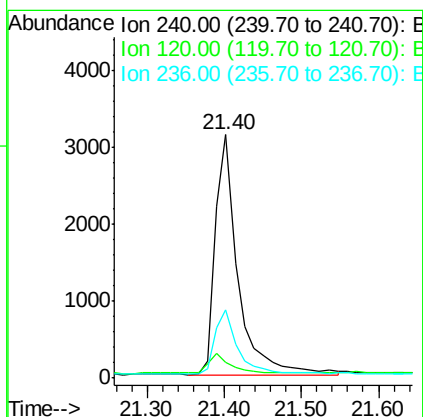
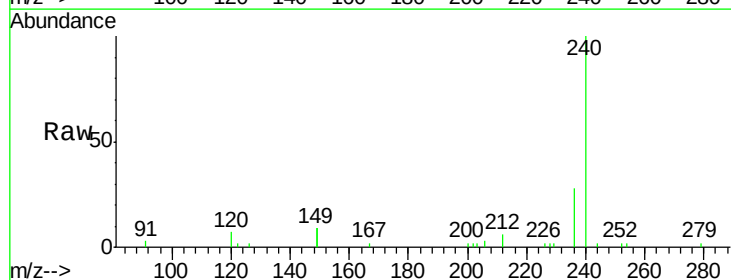
Instrument :
BNA_E
ClientSampleId :
RE104D2-20190307

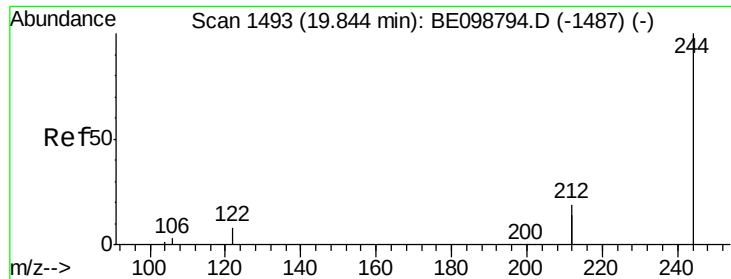
Tgt Ion: 212 Resp: 32251
Ion Ratio Lower Upper
212 100
106 2.4 1.8 2.8
104 1.3 1.0 1.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098875.D
Acq: 12 Mar 2019 00:26

Tgt Ion: 240 Resp: 6384
Ion Ratio Lower Upper
240 100
120 6.6 5.0 7.4
236 28.1 22.7 34.1





#29

Terphenyl-d14

Concen: 0.495 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190307

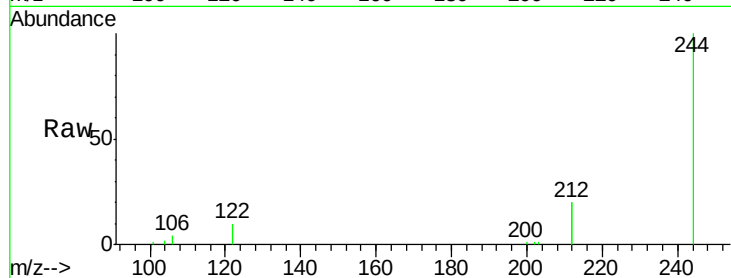
Tgt Ion:244 Resp: 7679

Ion Ratio Lower Upper

244 100

212 39.2 29.4 44.2

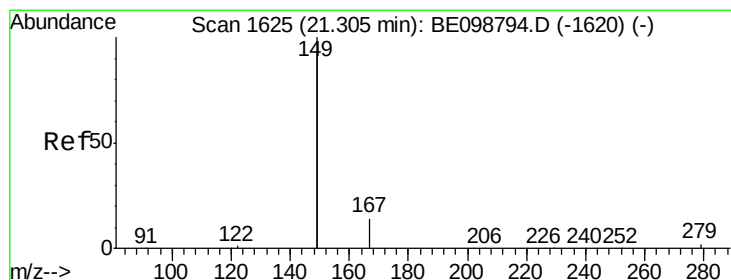
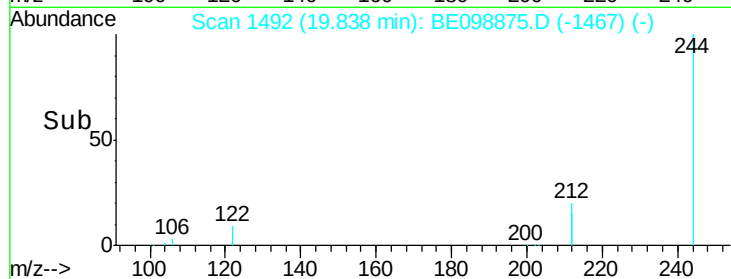
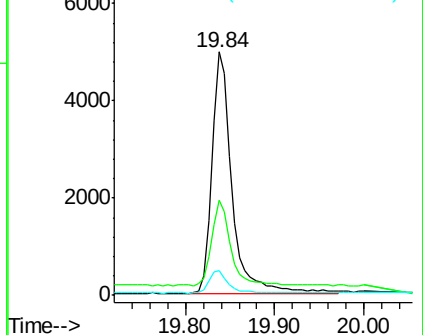
122 10.0 7.1 10.7



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: 0.048 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

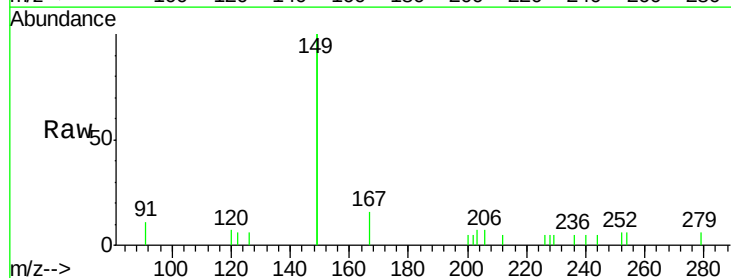
Tgt Ion:149 Resp: 2032

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

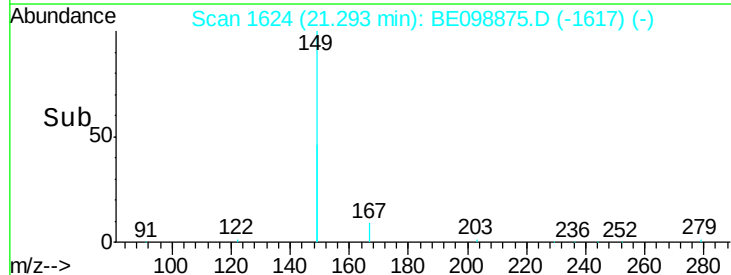
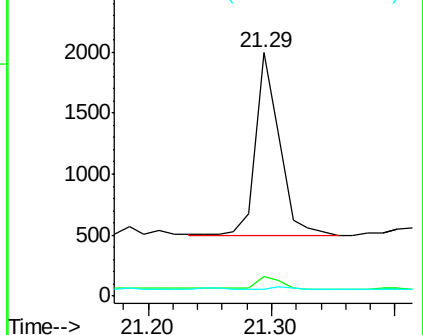
279 1.3 1.0 1.4

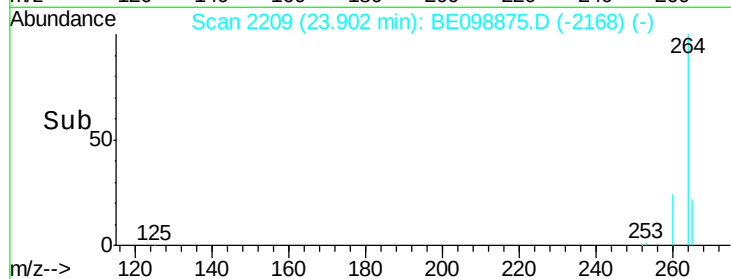
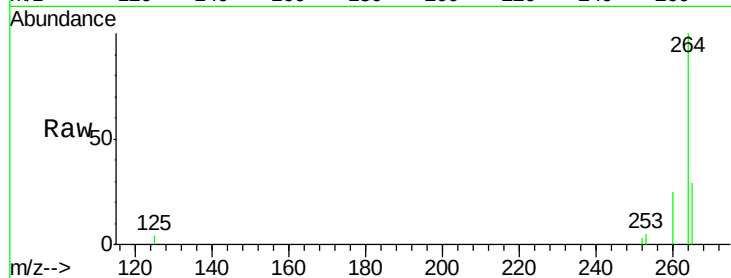
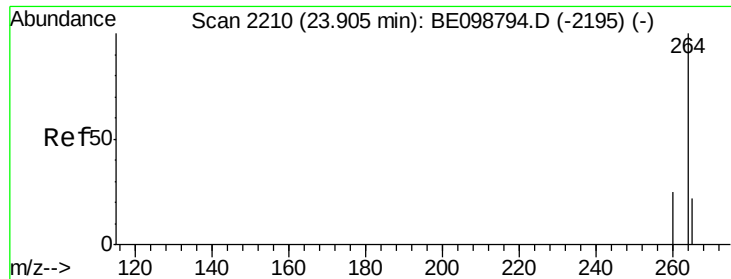


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098875.D

Acq: 12 Mar 2019 00:26

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190307

Tgt Ion:264 Resp: 6358

Ion Ratio Lower Upper

264 100

260 25.0 21.2 31.8

265 28.8 24.6 36.8

