

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098876.D
 Acq On : 12 Mar 2019 1:02
 Operator : JU/SJ
 Sample : K1839-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D1-20190307

Quant Time: Mar 12 07:27:34 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

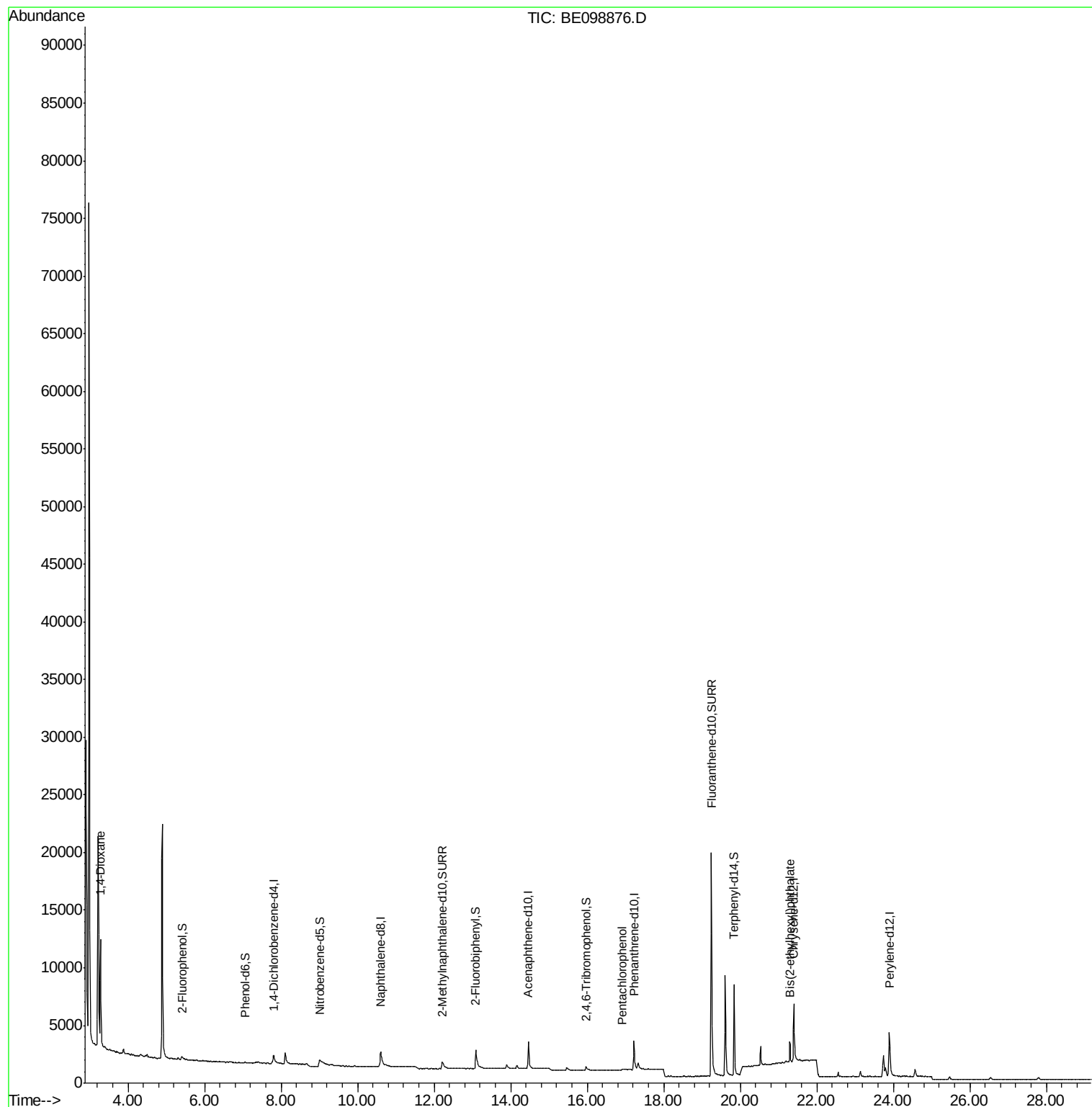
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	662	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	2840	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2106	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	4933	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6876	0.40	ng	0.00
34) Perylene-d12	23.90	264	6269	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	283	0.14	ng	0.02
5) Phenol-d6	7.06	99	135	0.05	ng	0.07
8) Nitrobenzene-d5	9.02	82	886	0.30	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2055	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	373	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3305	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	32639	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	8082	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	5086	4.886	ng	95
22) Pentachlorophenol	16.92	266	16	0.279	ng	88
32) Bis(2-ethylhexyl)phthalate	21.29	149	2639	0.058	ng	# 99

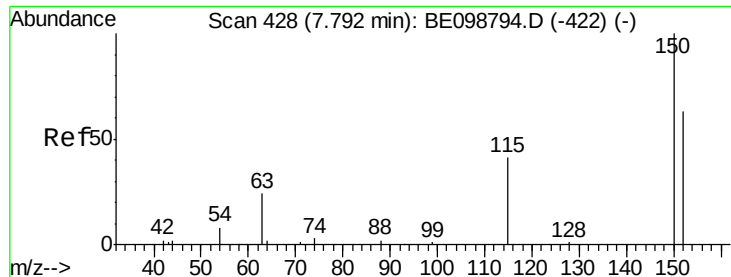
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098876.D

Acq: 12 Mar 2019 1:02

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190307

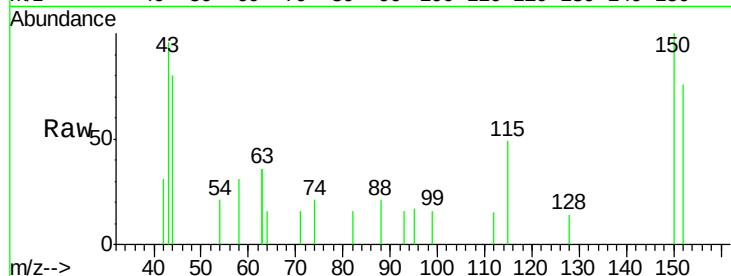
Tgt Ion: 152 Resp: 662

Ion Ratio Lower Upper

152 100

150 130.8 122.5 183.7

115 64.4 57.4 86.2

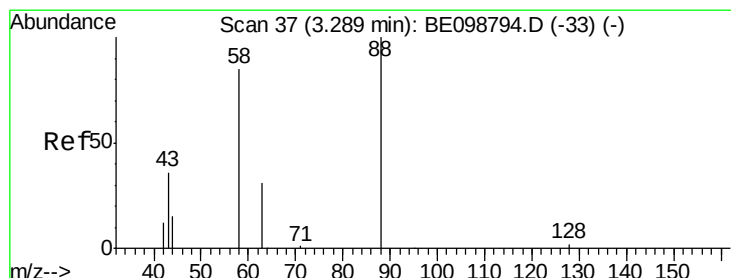
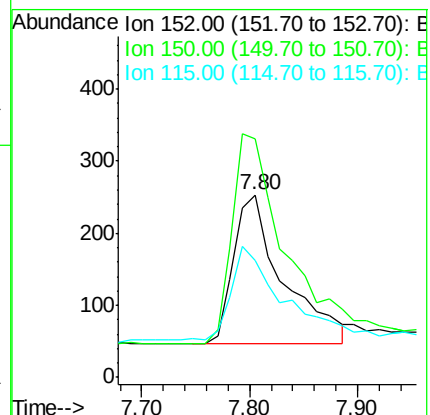
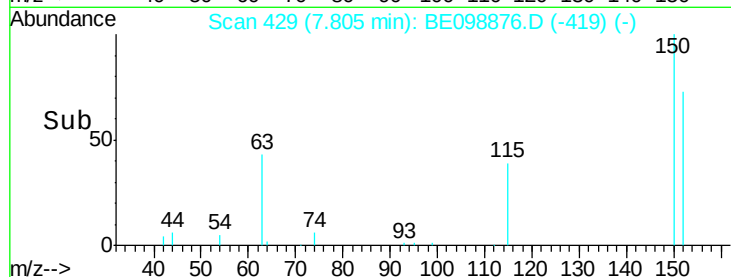


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 4.886 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098876.D

Acq: 12 Mar 2019 1:02

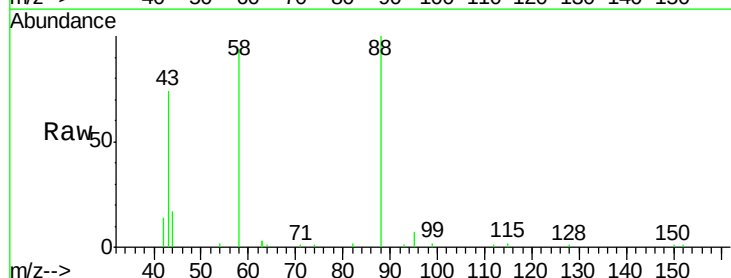
Tgt Ion: 88 Resp: 5086

Ion Ratio Lower Upper

88 100

58 96.9 75.8 113.6

43 58.7 41.8 62.8

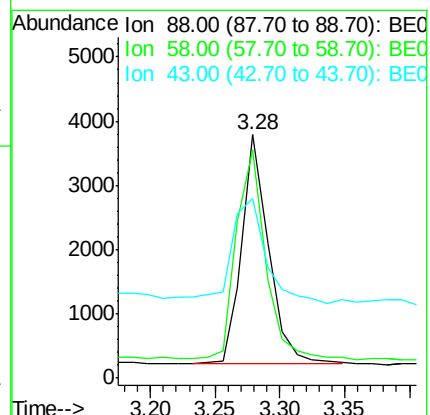
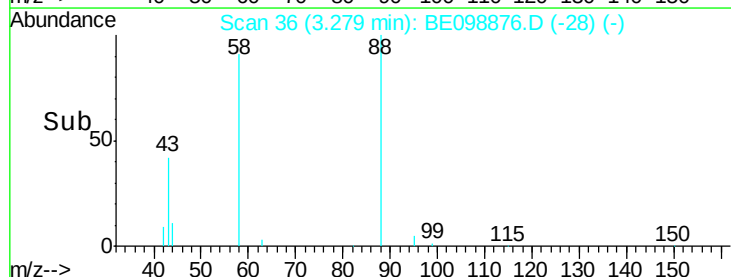


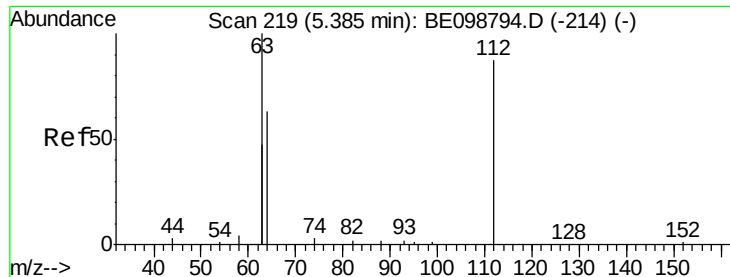
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

Time-->





#4

2-Fluorophenol

Concen: 0.143 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098876.D

Acq: 12 Mar 2019 1:02

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190307

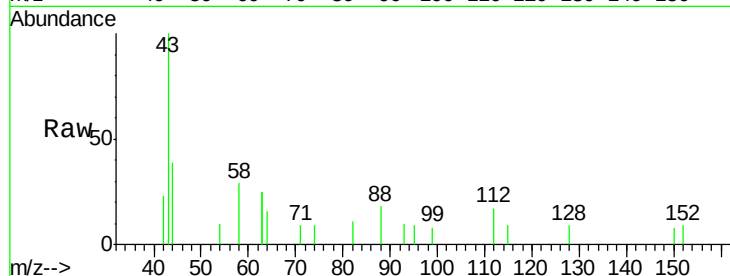
Tgt Ion: 112 Resp: 283

Ion Ratio Lower Upper

112 100

64 76.3 57.9 86.9

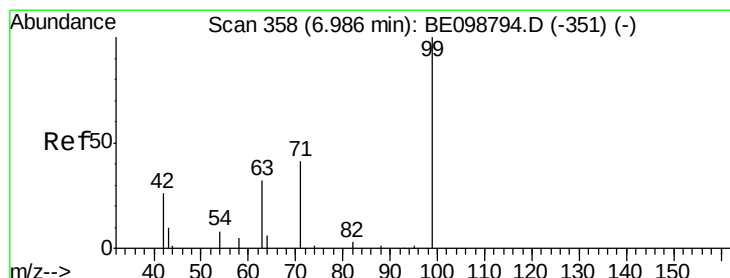
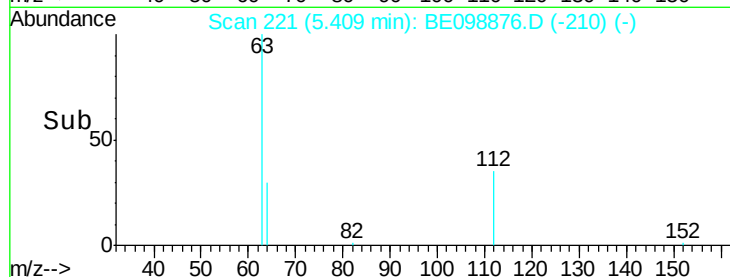
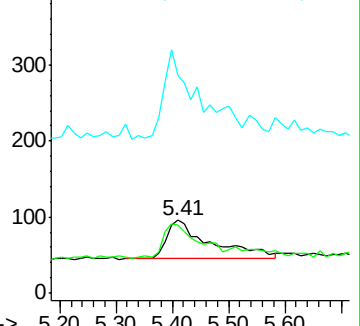
63 176.7 158.3 237.5



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: 0.048 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE098876.D

Acq: 12 Mar 2019 1:02

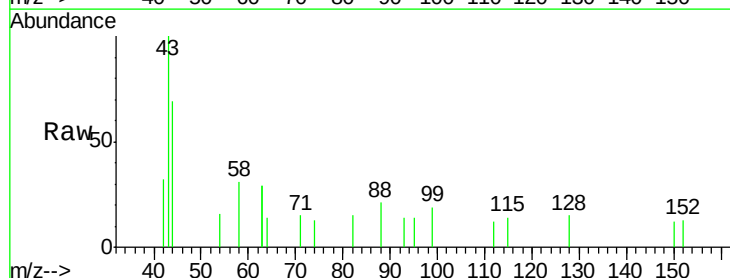
Tgt Ion: 99 Resp: 135

Ion Ratio Lower Upper

99 100

42 43.7 24.2 36.2#

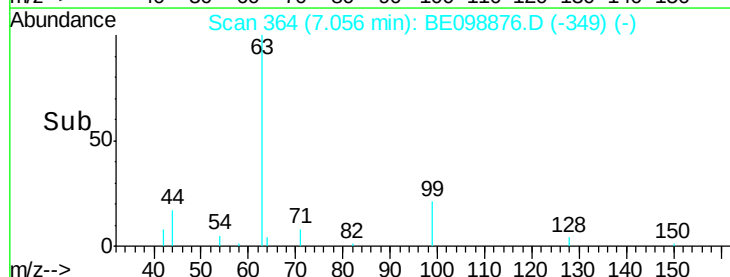
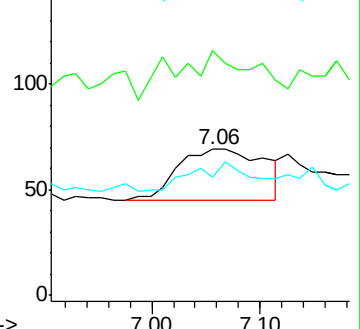
71 37.0 35.7 53.5

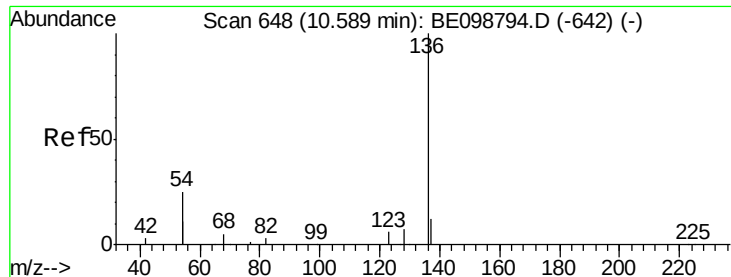


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098876.D

Acq: 12 Mar 2019 1:02

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190307

Tgt Ion:136 Resp: 2840

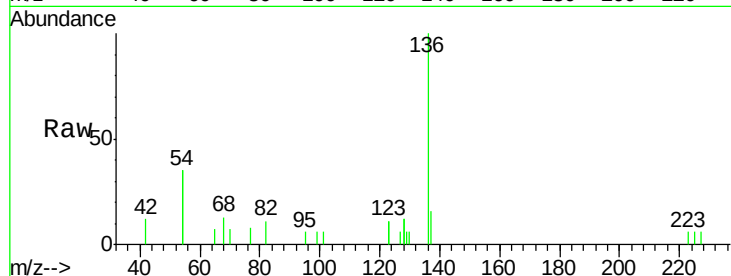
Ion Ratio Lower Upper

136 100

137 15.6 11.4 17.0

54 69.6 39.3 58.9#

68 13.3 6.7 10.1#

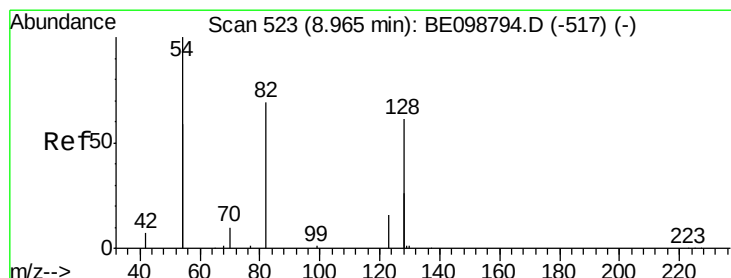
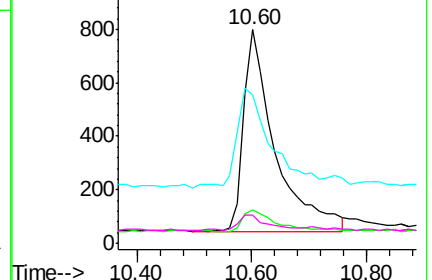
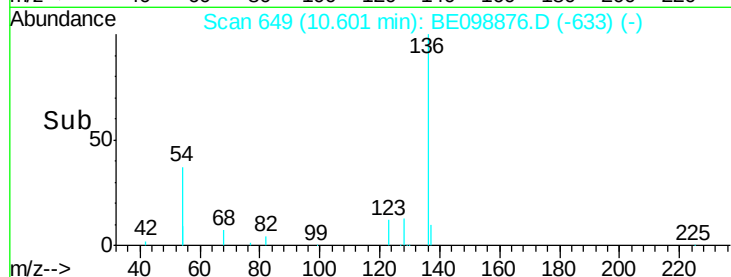


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.298 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098876.D

Acq: 12 Mar 2019 1:02

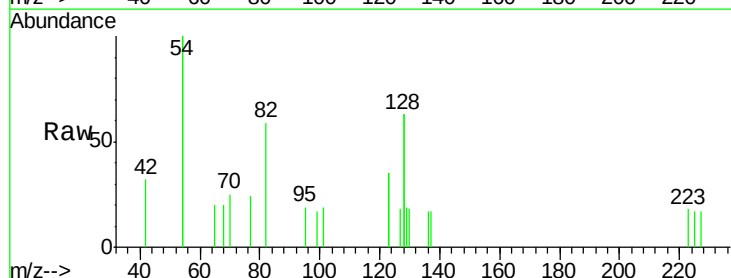
Tgt Ion: 82 Resp: 886

Ion Ratio Lower Upper

82 100

128 212.8 123.8 185.8#

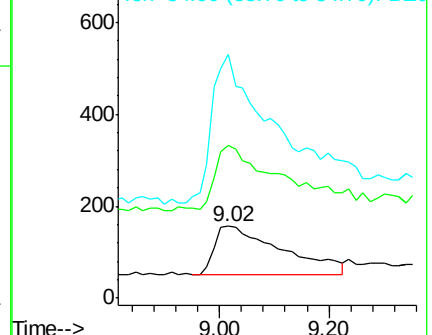
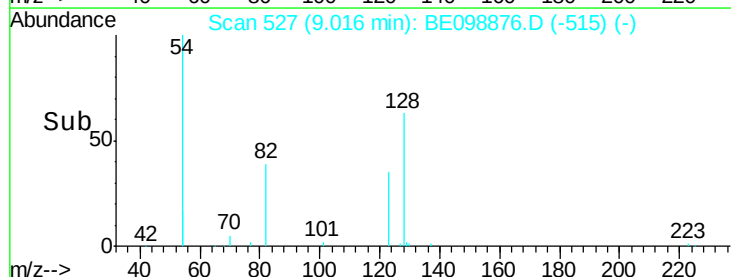
54 339.7 203.4 305.2#

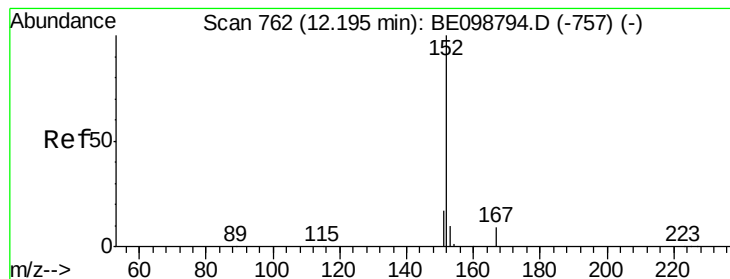


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.391 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098876.D

Acq: 12 Mar 2019 1:02

Instrument :

BNA_E

ClientSampleId :

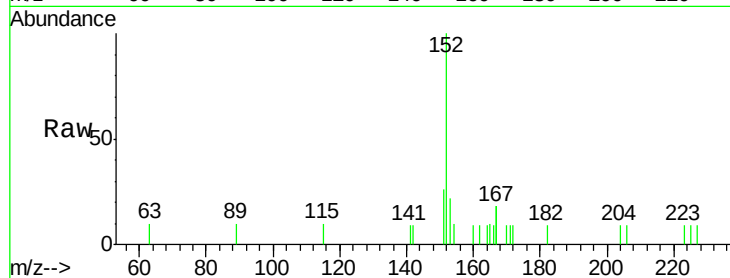
RE104D1-20190307

Tgt Ion:152 Resp: 2055

Ion Ratio Lower Upper

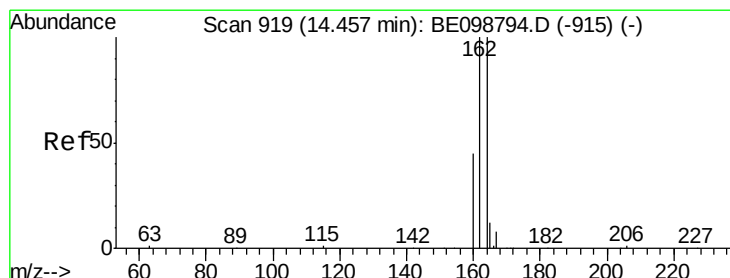
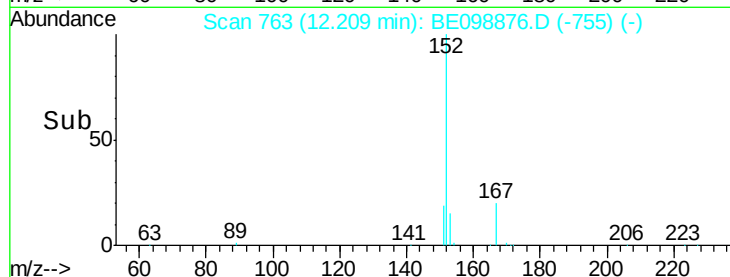
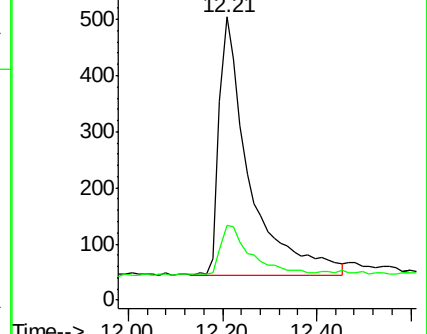
152 100

151 18.8 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098876.D

Acq: 12 Mar 2019 1:02

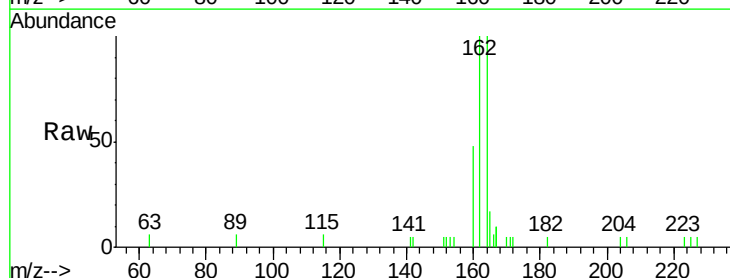
Tgt Ion:164 Resp: 2106

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

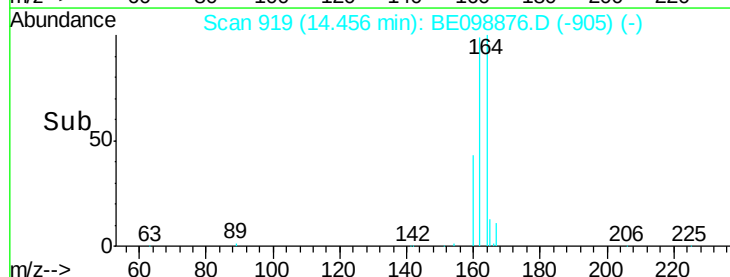
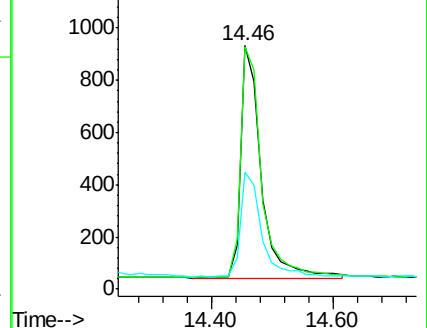
160 47.8 37.8 56.8

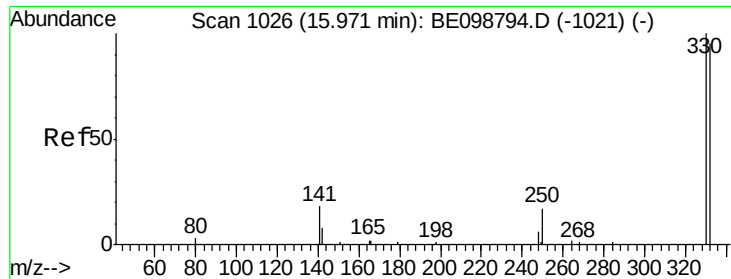


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

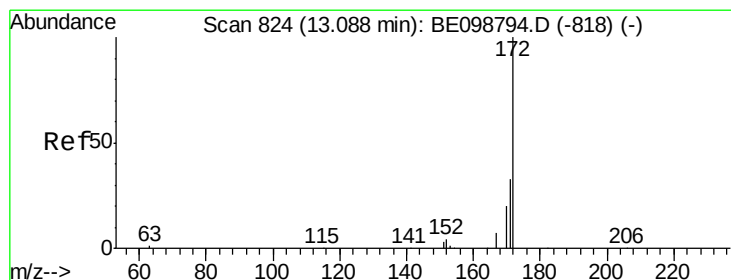
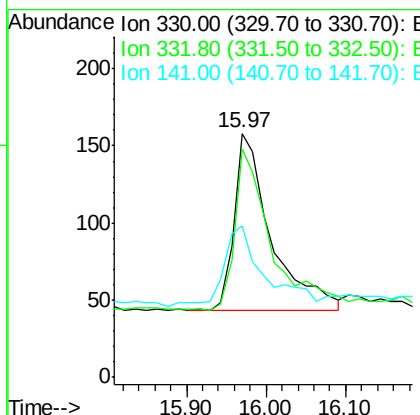
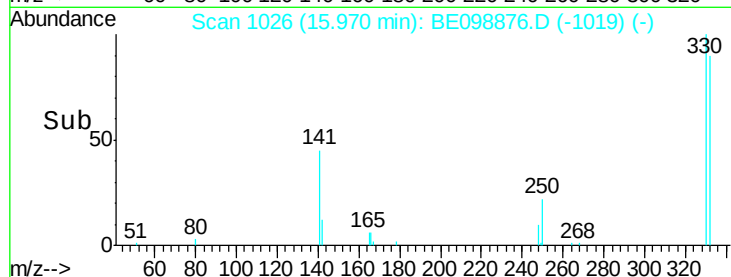
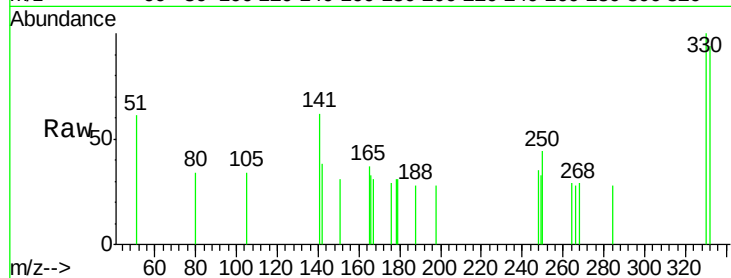




#14
 2,4,6-Tribromophenol
 Concen: 0.351 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098876.D
 Acq: 12 Mar 2019 1:02

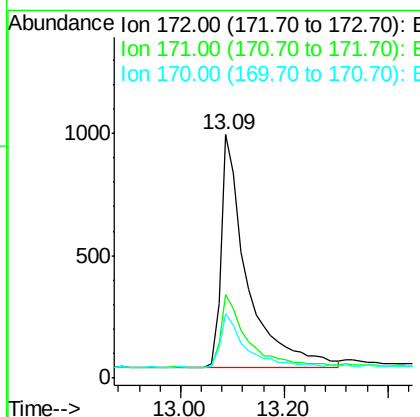
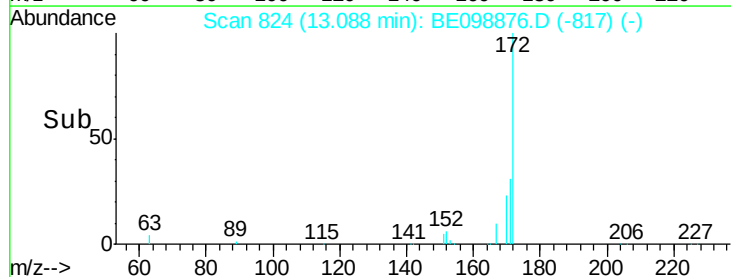
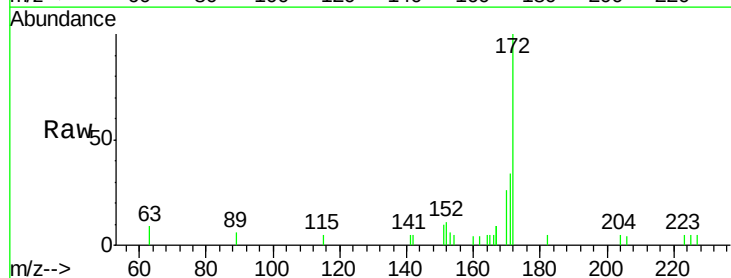
Instrument :
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 RE104D1-20190307

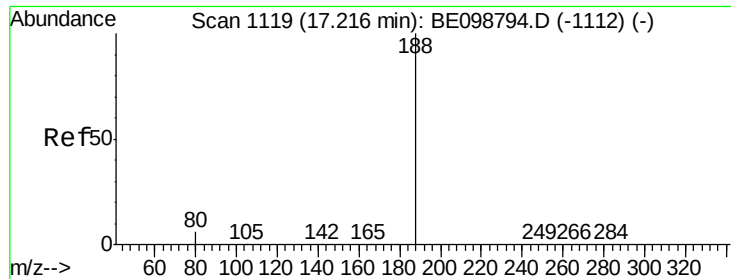
Tgt Ion: 330 Resp: 373
 Ion Ratio Lower Upper
 330 100
 332 91.4 77.6 116.4
 141 43.4 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.379 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098876.D
 Acq: 12 Mar 2019 1:02

Tgt Ion: 172 Resp: 3305
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.0 42.0
 170 26.4 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: BE098876.D

Acq: 12 Mar 2019 1:02

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190307

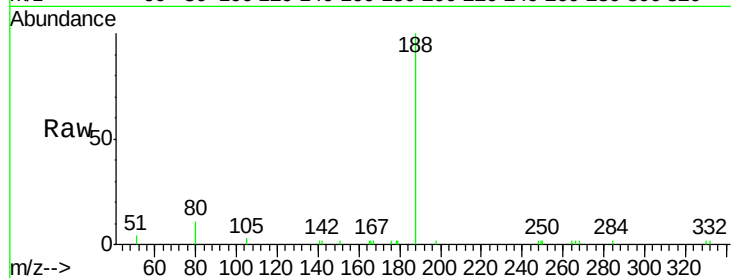
Tgt Ion:188 Resp: 4933

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

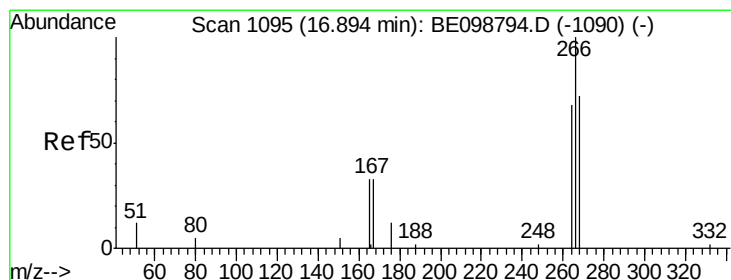
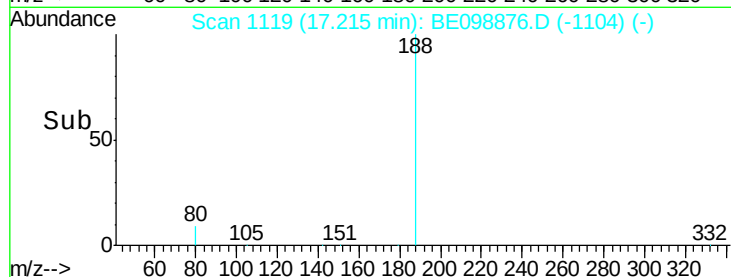
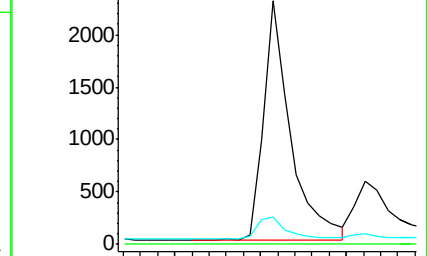
80 11.1 6.3 9.5#



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: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098876.D

Acq: 12 Mar 2019 1:02

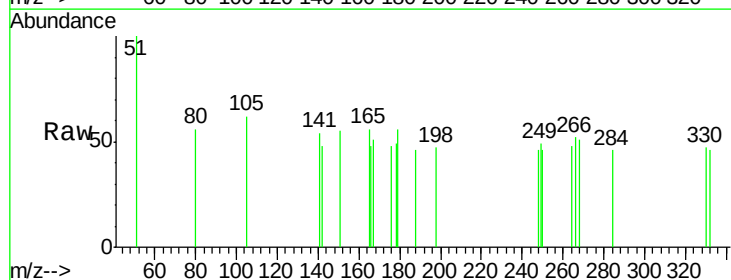
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 94.0 66.6 100.0

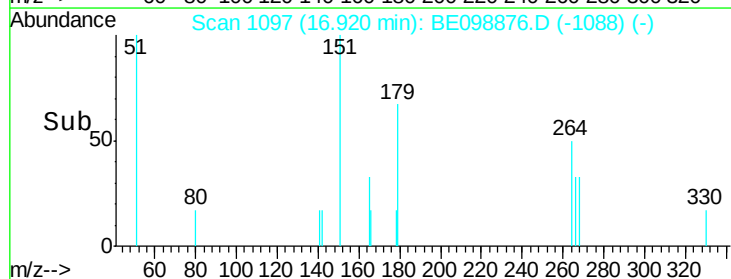
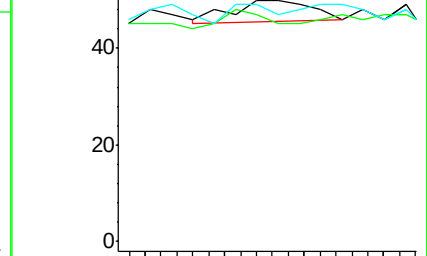
268 98.0 69.8 104.8

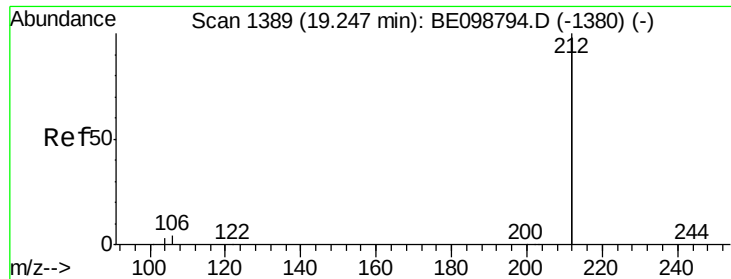


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

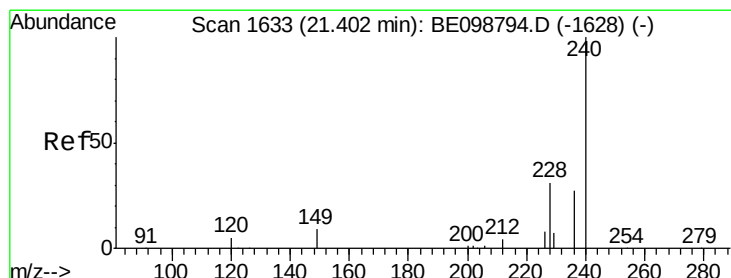
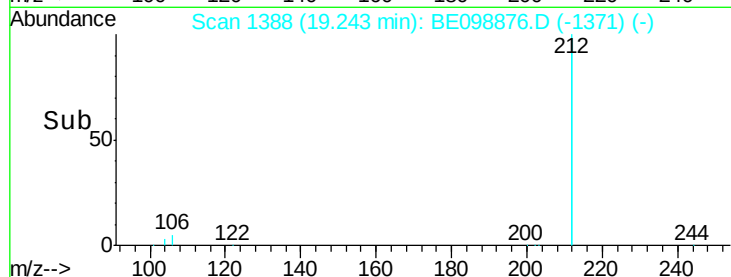
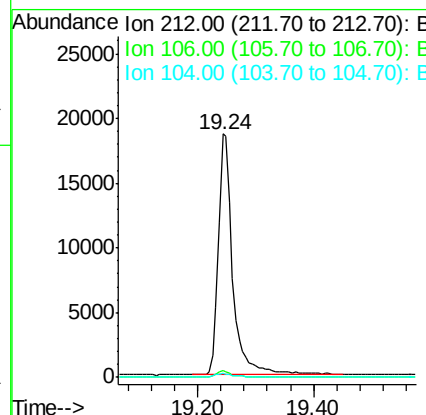
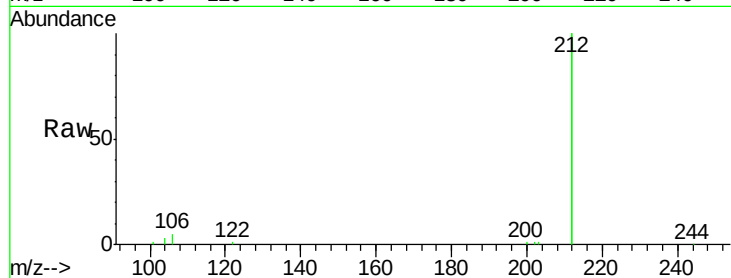




#25
 Fluoranthene-d10
 Concen: 0.415 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE098876.D
 Acq: 12 Mar 2019 1:02

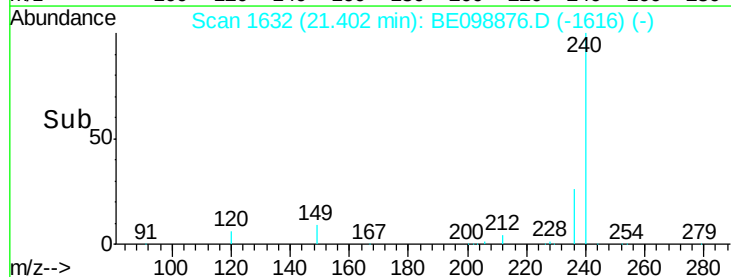
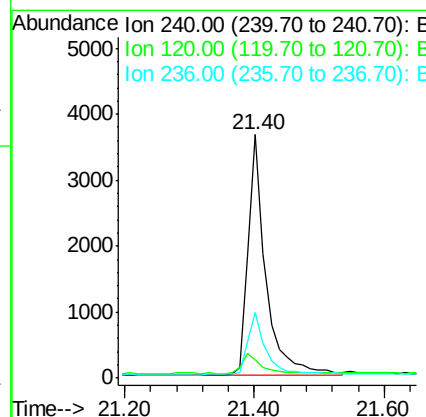
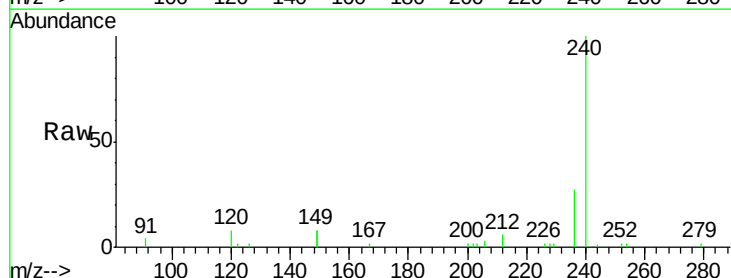
Instrument :
 BNA_E
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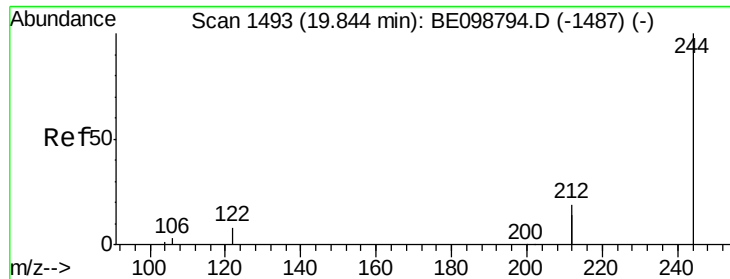
Tgt Ion: 212 Resp: 32639
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.4 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE098876.D
 Acq: 12 Mar 2019 1:02

Tgt Ion: 240 Resp: 6876
 Ion Ratio Lower Upper
 240 100
 120 7.6 5.0 7.4#
 236 27.2 22.7 34.1





#29

Terphenyl-d14

Concen: 0.484 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098876.D

Acq: 12 Mar 2019 1:02

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190307

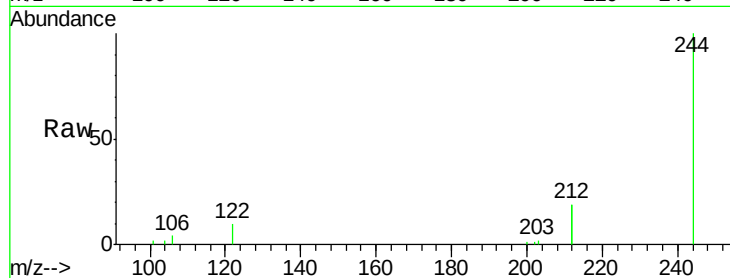
Tgt Ion:244 Resp: 8082

Ion Ratio Lower Upper

244 100

212 38.0 29.4 44.2

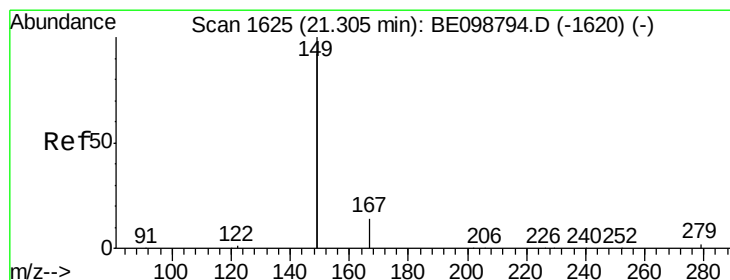
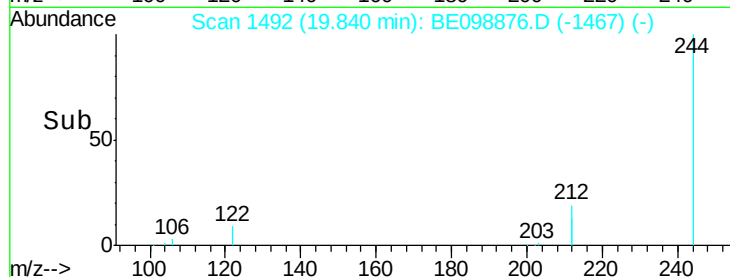
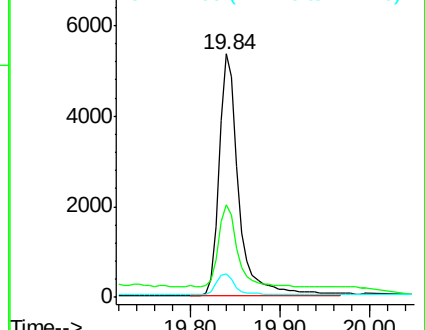
122 9.8 7.1 10.7



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: 0.058 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098876.D

Acq: 12 Mar 2019 1:02

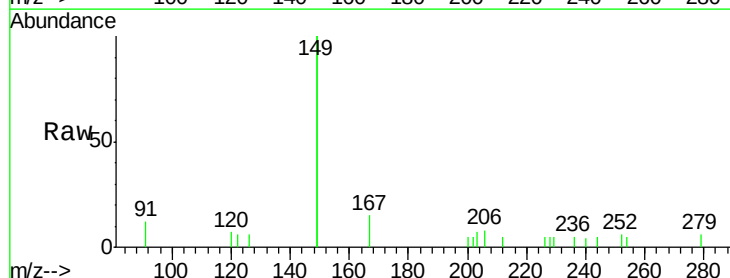
Tgt Ion:149 Resp: 2639

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

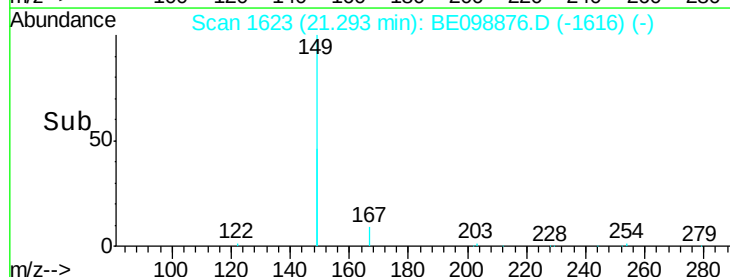
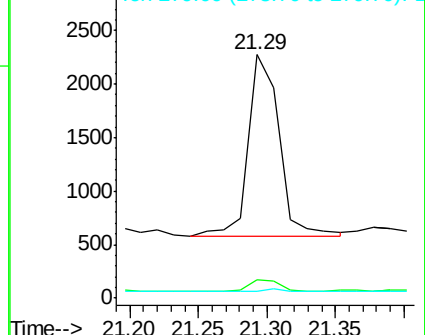
279 1.7 1.0 1.4#

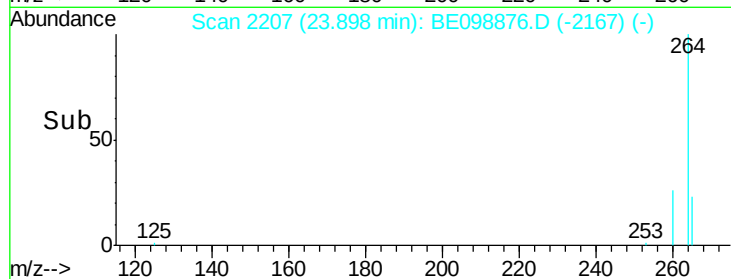
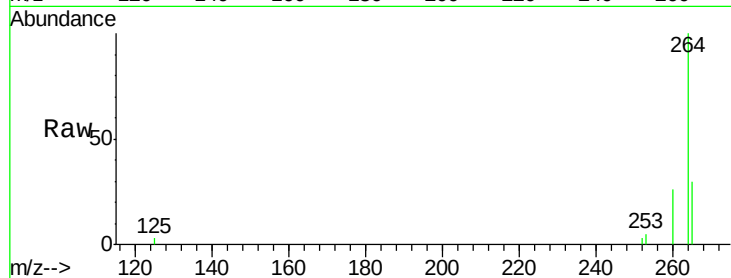
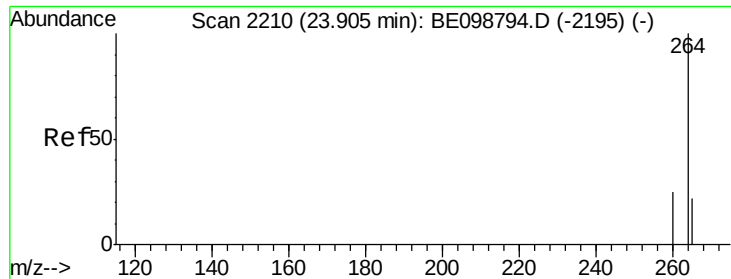


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2207

Delta R.T. -0.01 min

Lab File: BE098876.D

Acq: 12 Mar 2019 1:02

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190307

Tgt Ion: 264 Resp: 6269

Ion Ratio Lower Upper

264 100

260 26.1 21.2 31.8

265 29.6 24.6 36.8

