

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098881.D
 Acq On : 12 Mar 2019 4:07
 Operator : JU/SJ
 Sample : K1841-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20190308

Quant Time: Mar 12 07:50:34 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

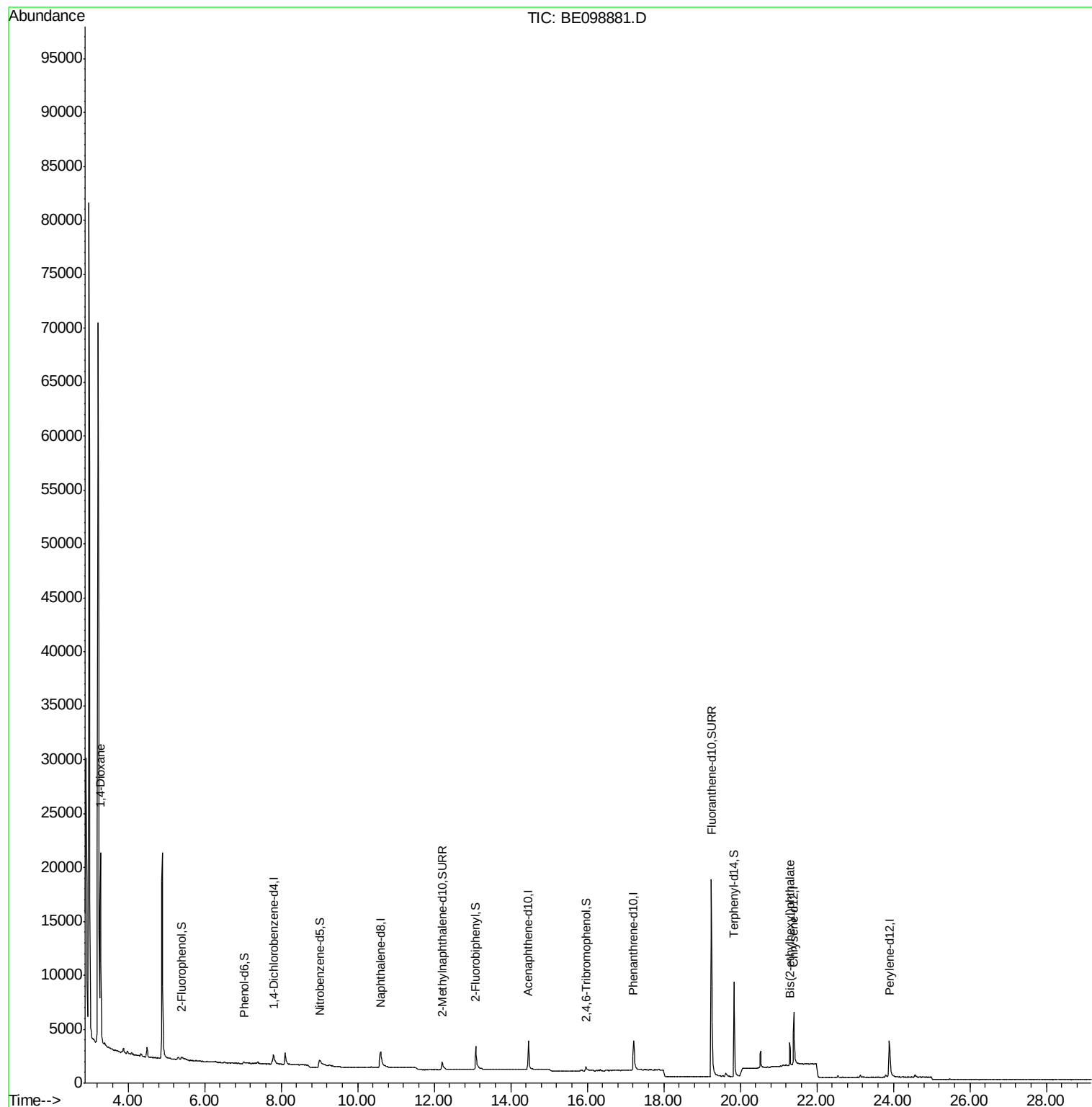
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	750	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3142	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2259	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5846	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6723	0.40	ng	0.00
34) Perylene-d12	23.90	264	6604	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	300	0.13	ng	0.02
5) Phenol-d6	7.02	99	194	0.06	ng	0.04
8) Nitrobenzene-d5	9.00	82	1096	0.33	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2107	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	417	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3752	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	32822	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	8735	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	9910	8.478	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	2883	0.065	ng	# 99

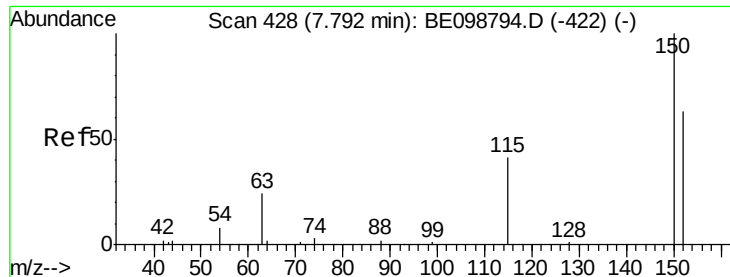
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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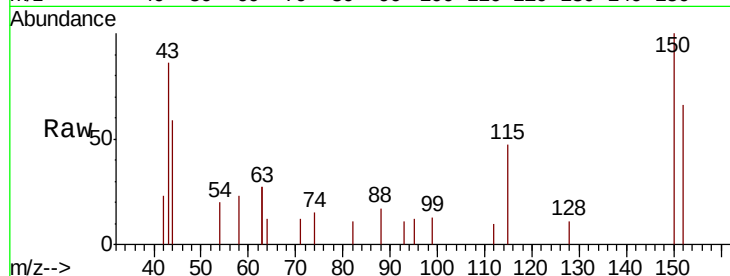


#1

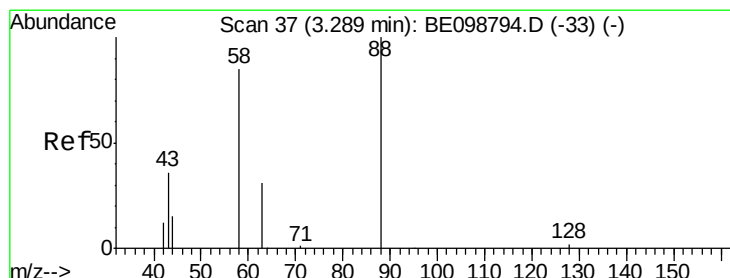
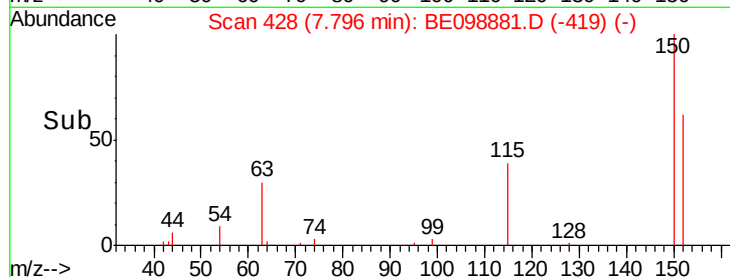
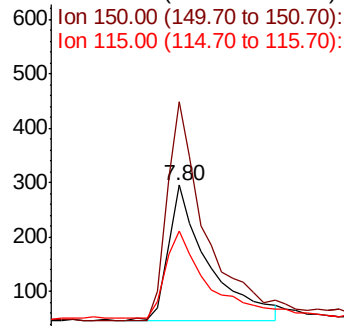
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098881.D
Acq: 12 Mar 2019 4:07

Instrument :
BNA_E
ClientSampleId :
RE125D1-20190308

Tot Ion:152 Resp: 750
Ion Ratio Lower Upper
152 100
150 151.9 122.5 183.7
115 71.2 57.4 86.2



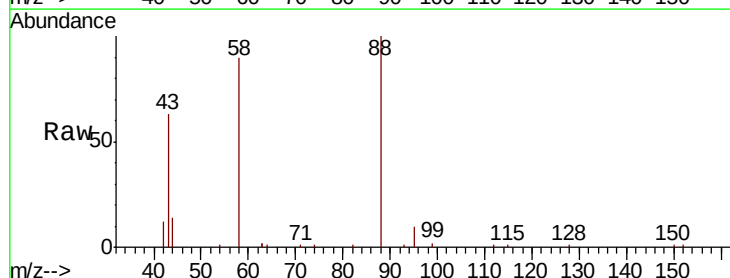
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



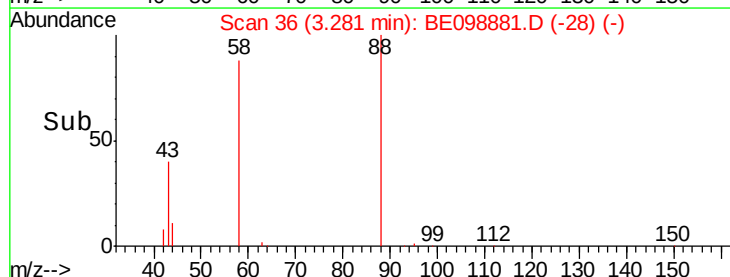
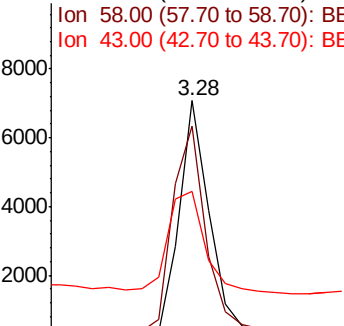
#2

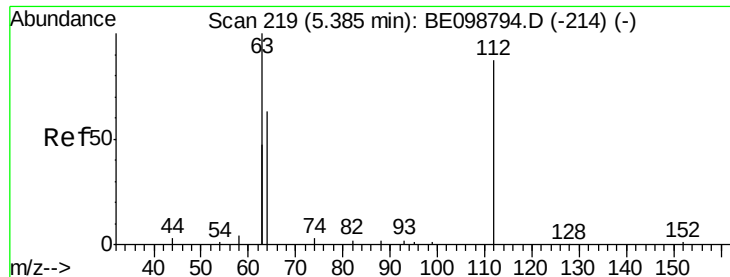
1,4-Dioxane
Concen: 8.478 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098881.D
Acq: 12 Mar 2019 4:07

Tgt Ion: 88 Resp: 9910
Ion Ratio Lower Upper
88 100
58 94.6 75.8 113.6
43 53.0 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: 0.134 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.02 min

Lab File: BE098881.D

Acq: 12 Mar 2019 4:07

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190308

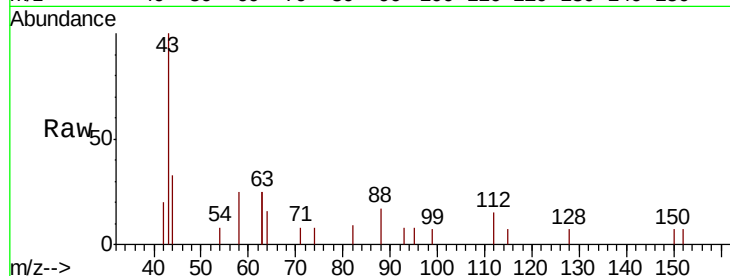
Tot Ion:112 Resp: 300

Ion Ratio Lower Upper

112 100

64 88.3 57.9 86.9#

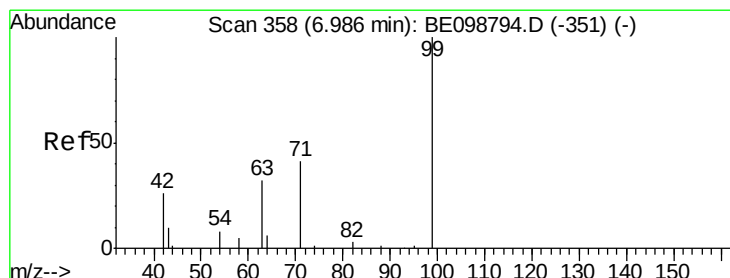
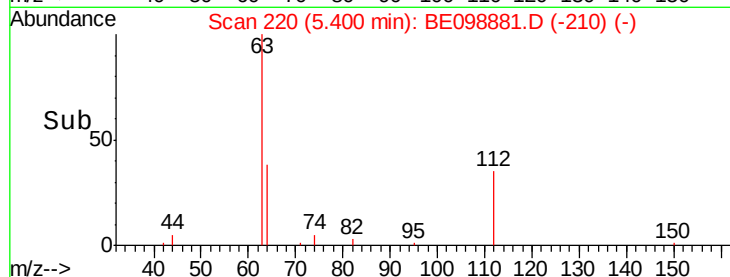
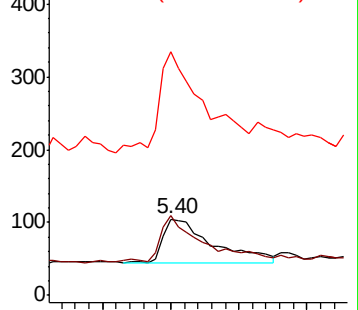
63 216.7 158.3 237.5



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



#5

Phenol-d6

Concen: 0.061 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE098881.D

Acq: 12 Mar 2019 4:07

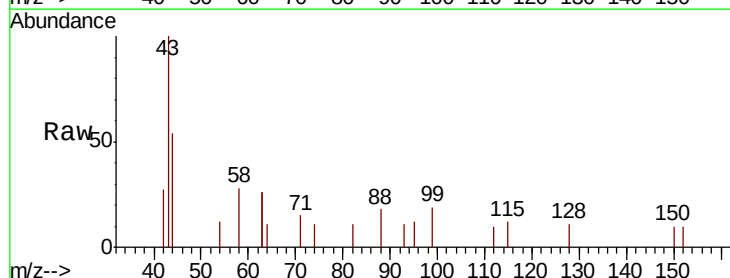
Tgt Ion: 99 Resp: 194

Ion Ratio Lower Upper

99 100

42 59.3 24.2 36.2#

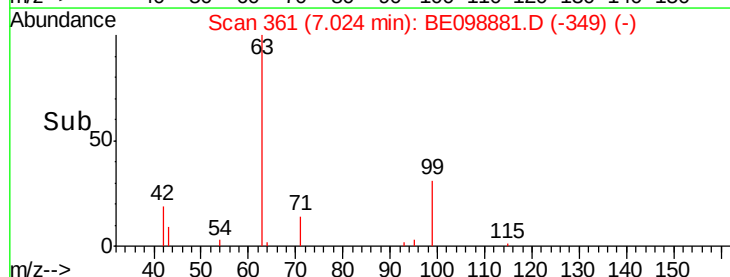
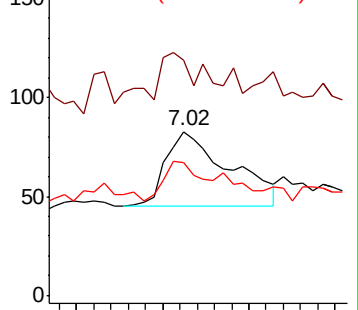
71 30.4 35.7 53.5#

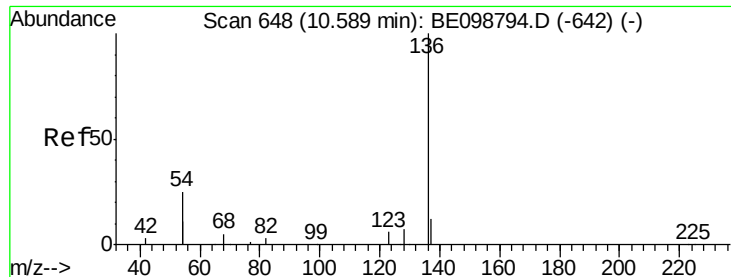


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098881.D

Acq: 12 Mar 2019 4:07

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190308

Tot Ion:136 Resp: 3142

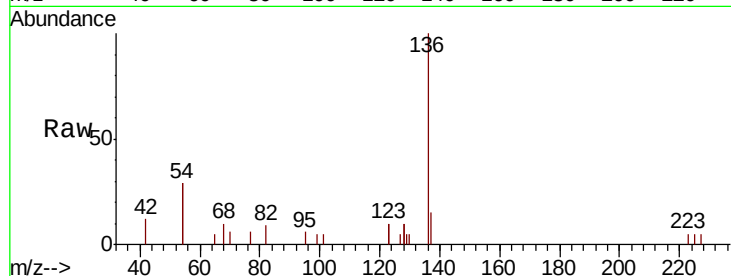
Ion Ratio Lower Upper

136 100

137 15.0 11.4 17.0

54 58.3 39.3 58.9

68 10.4 6.7 10.1#

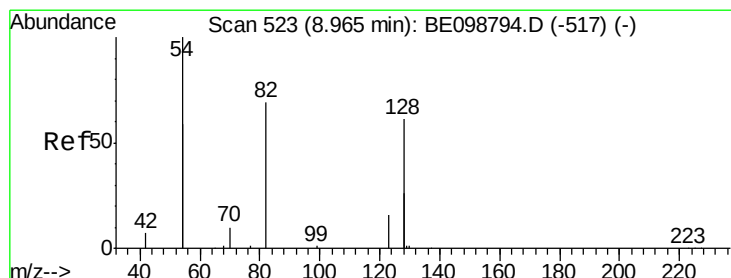
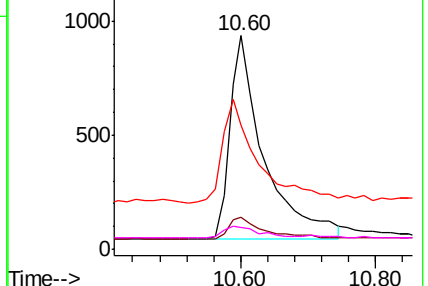
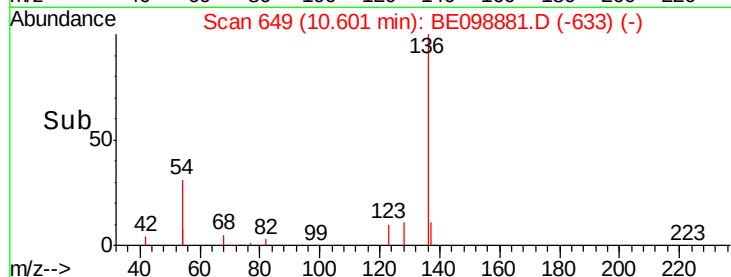


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098881.D

Acq: 12 Mar 2019 4:07

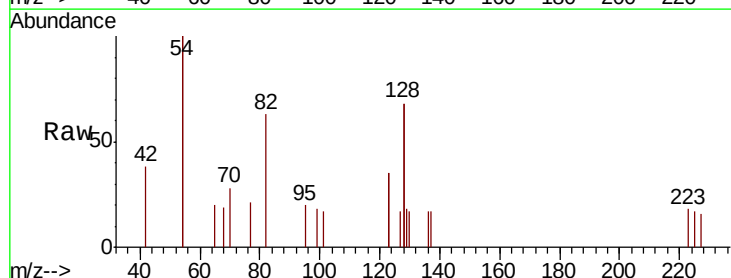
Tgt Ion: 82 Resp: 1096

Ion Ratio Lower Upper

82 100

128 214.0 123.8 185.8#

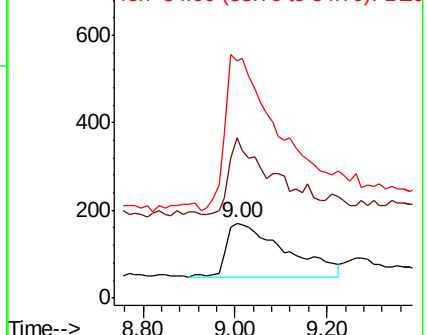
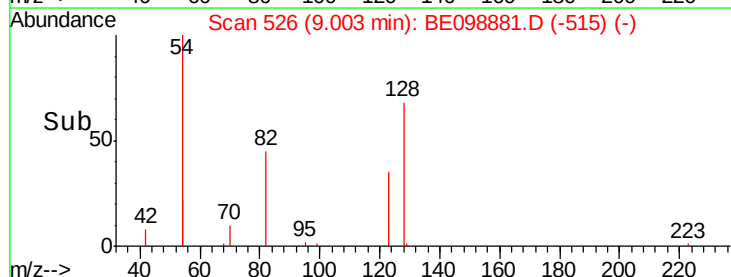
54 317.0 203.4 305.2#

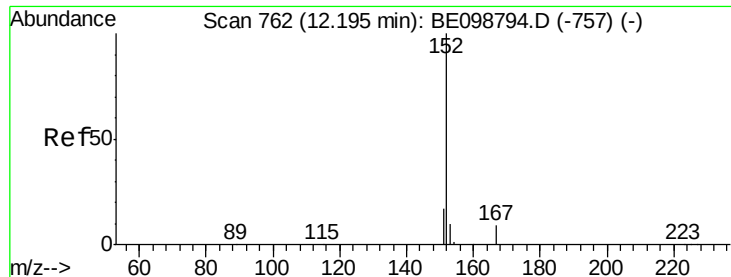


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

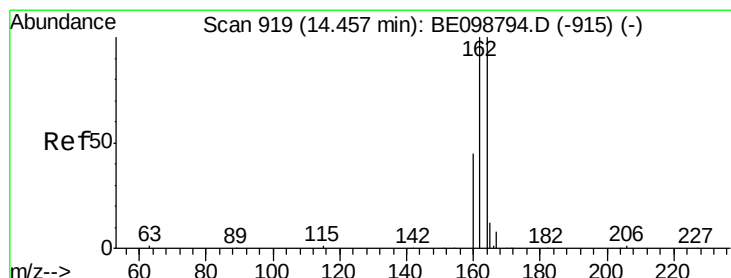
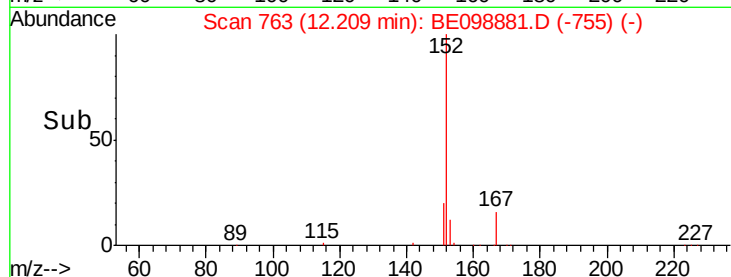
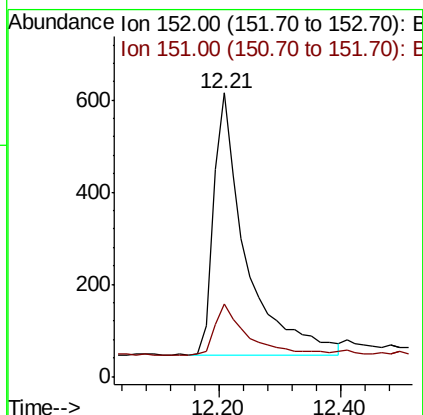
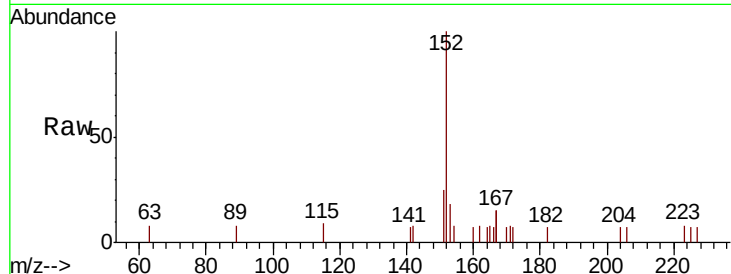




#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098881.D
Acq: 12 Mar 2019 4:07

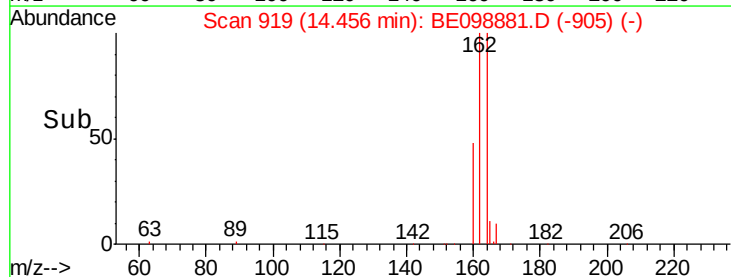
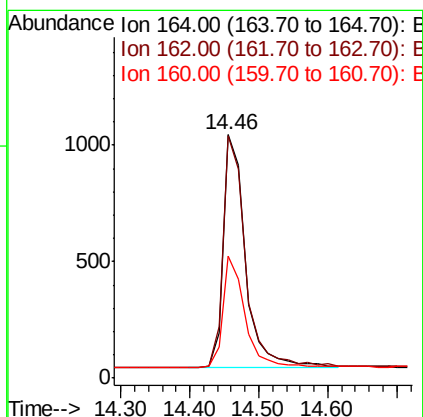
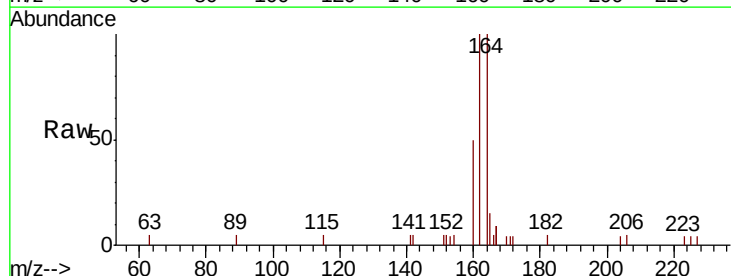
Instrument :
BNA_E
ClientSampleId :
RE125D1-20190308

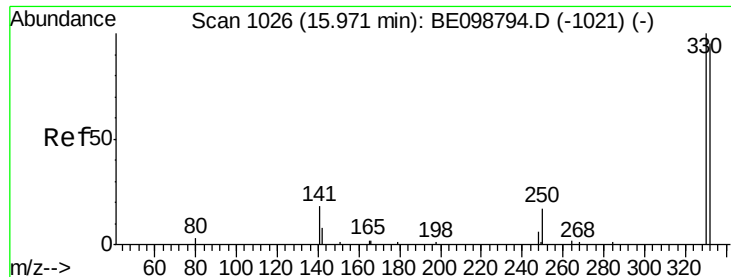
Tot Ion:152 Resp: 2107
Ion Ratio Lower Upper
152 100
151 18.9 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098881.D
Acq: 12 Mar 2019 4:07

Tgt Ion:164 Resp: 2259
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 50.1 37.8 56.8

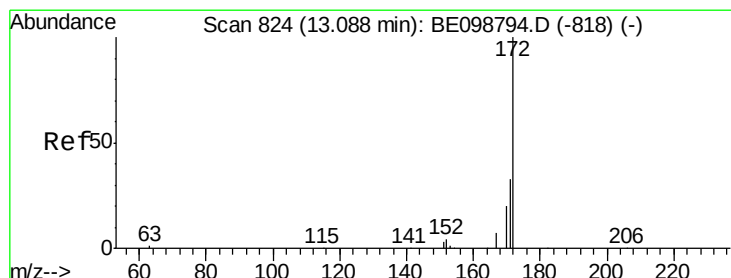
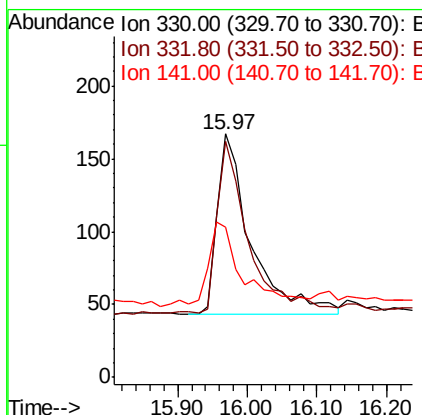
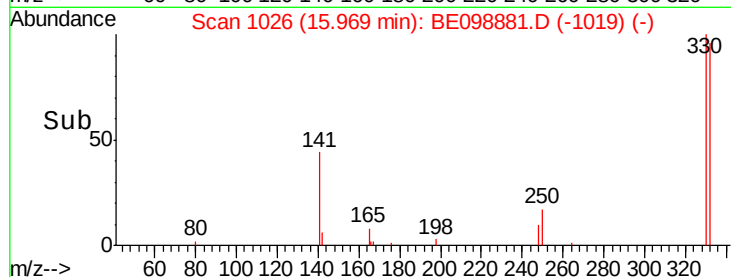
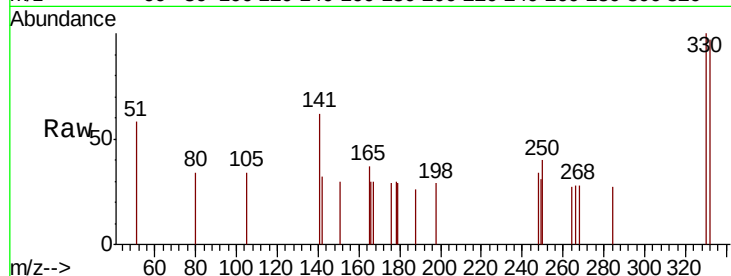




#14
 2,4,6-Tribromophenol
 Concen: 0.366 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098881.D
 Acq: 12 Mar 2019 4:07

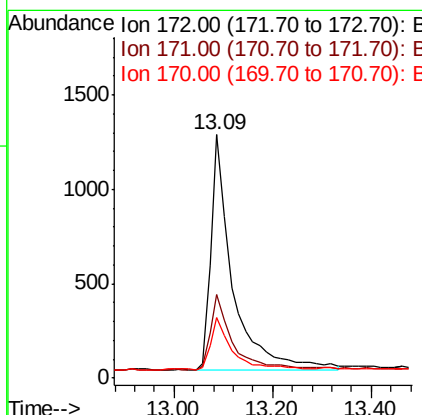
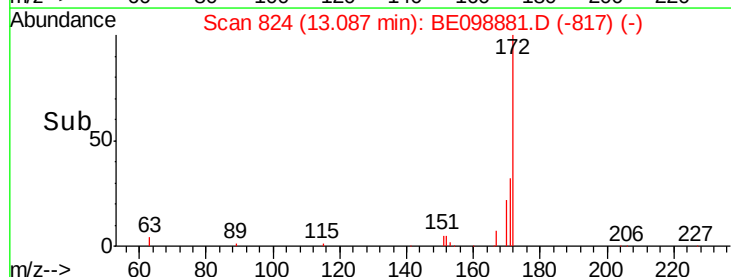
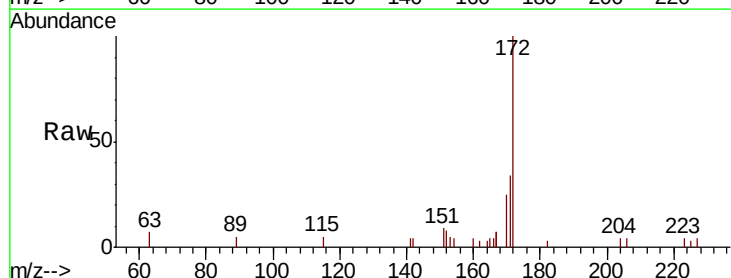
Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20190308

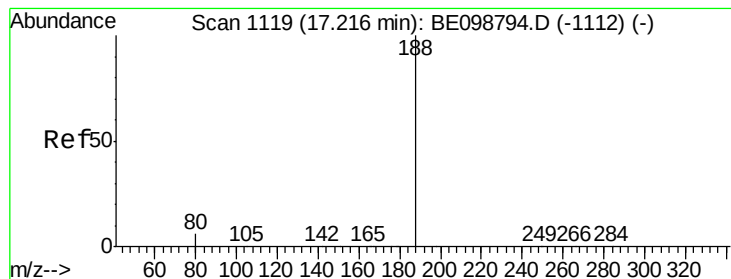
Tot Ion:330 Resp: 417
 Ion Ratio Lower Upper
 330 100
 332 86.8 77.6 116.4
 141 44.8 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.401 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098881.D
 Acq: 12 Mar 2019 4:07

Tgt Ion:172 Resp: 3752
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.0 42.0
 170 25.0 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: BE098881.D

Acq: 12 Mar 2019 4:07

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190308

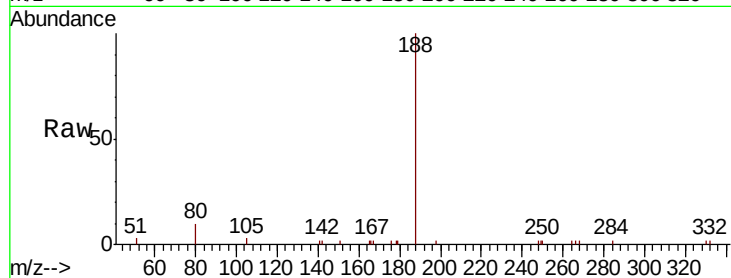
Tot Ion:188 Resp: 5846

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

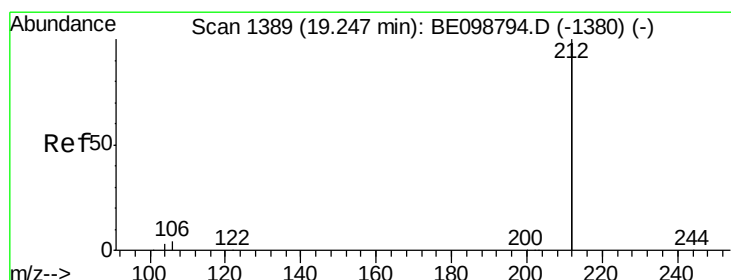
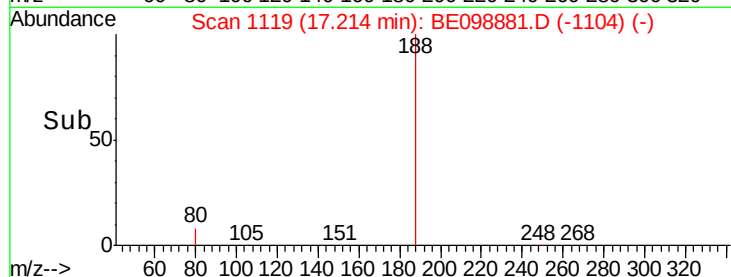
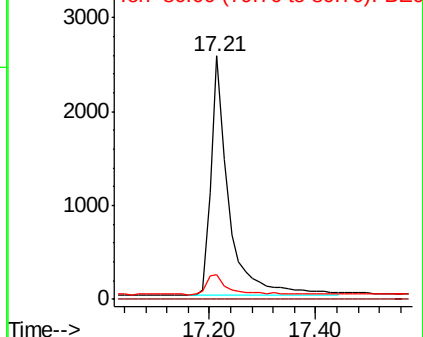
80 10.1 6.3 9.5#



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



#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098881.D

Acq: 12 Mar 2019 4:07

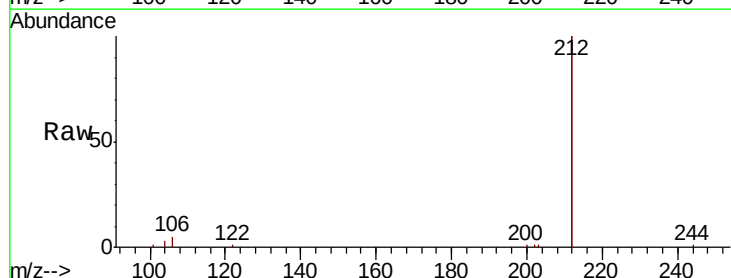
Tgt Ion:212 Resp: 32822

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

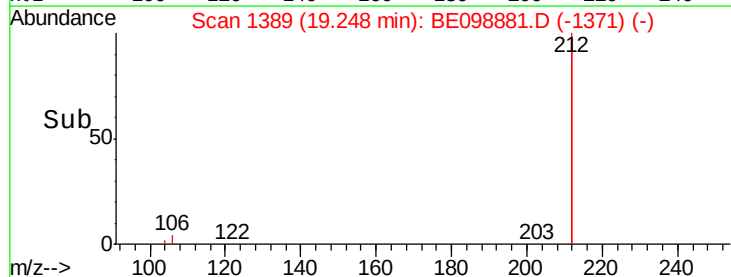
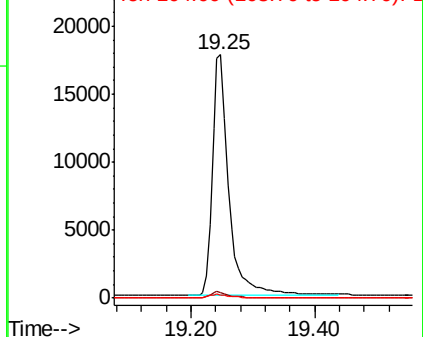
104 1.3 1.0 1.6

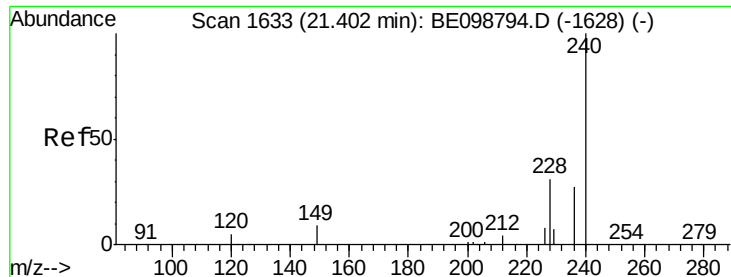


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1632

Delta R.T. -0.00 min

Lab File: BE098881.D

Acq: 12 Mar 2019 4:07

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190308

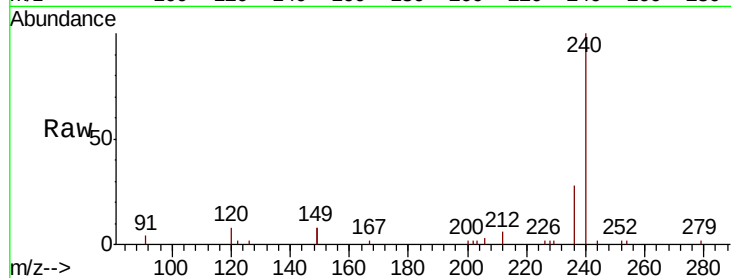
Tot Ion:240 Resp: 6723

Ion Ratio Lower Upper

240 100

120 7.7 5.0 7.4#

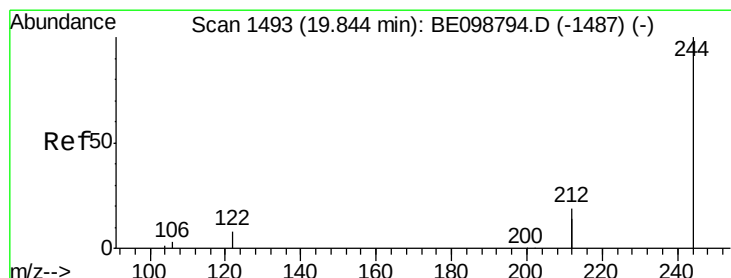
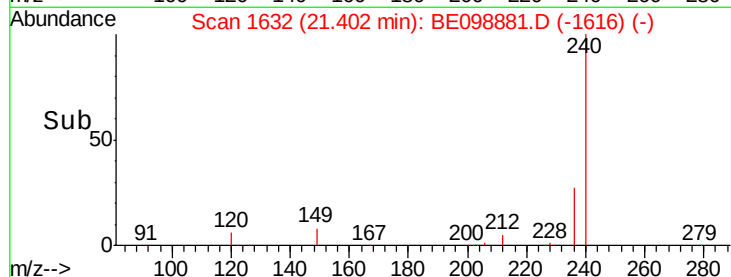
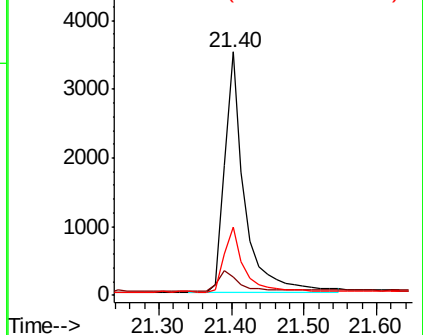
236 27.9 22.7 34.1



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: 0.535 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098881.D

Acq: 12 Mar 2019 4:07

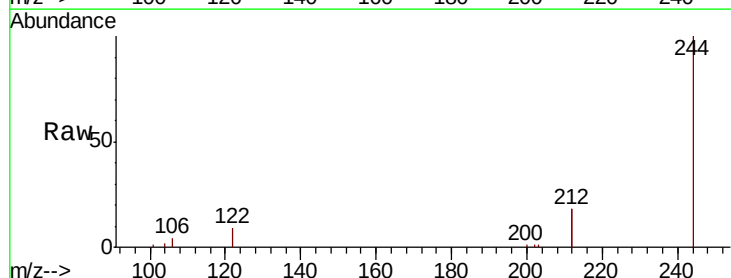
Tgt Ion:244 Resp: 8735

Ion Ratio Lower Upper

244 100

212 35.7 29.4 44.2

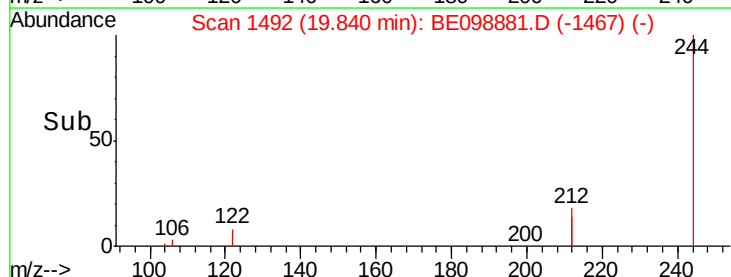
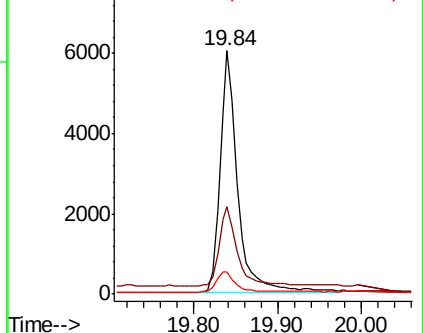
122 9.3 7.1 10.7

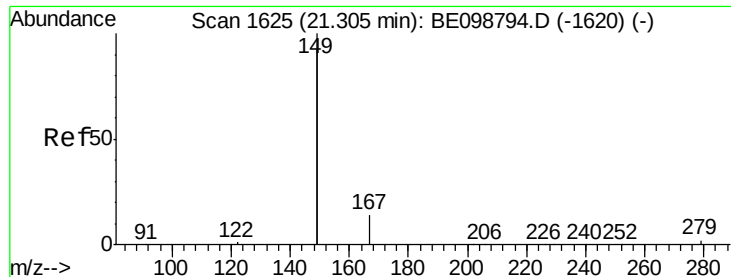


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

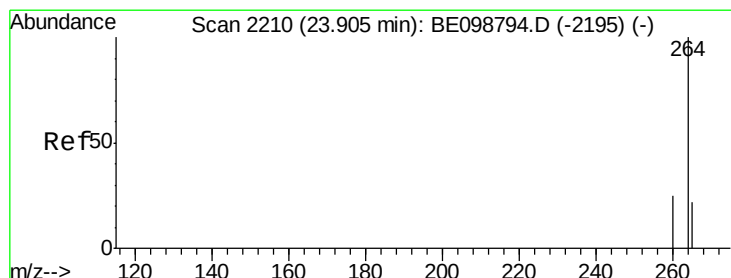
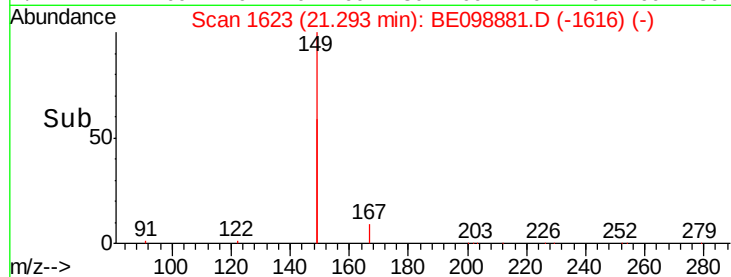
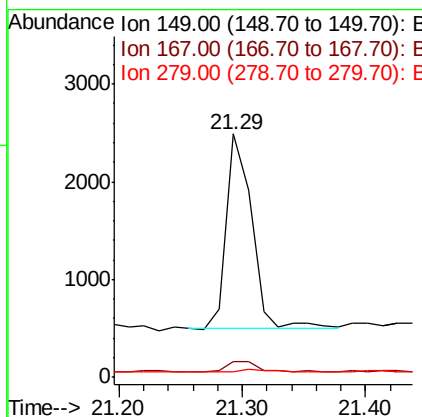
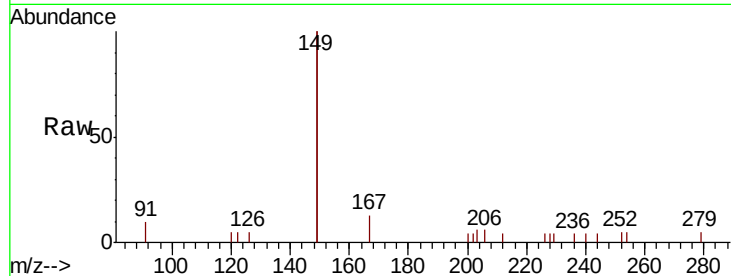




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE098881.D
 Acq: 12 Mar 2019 4:07

Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20190308

Tot Ion:149 Resp: 2883
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.4 8.0
 279 2.0 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE098881.D
 Acq: 12 Mar 2019 4:07

Tgt Ion:264 Resp: 6604
 Ion Ratio Lower Upper
 264 100
 260 25.6 21.2 31.8
 265 28.0 24.6 36.8

