

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030819\
 Data File : BE098853.D
 Acq On : 9 Mar 2019 3:57
 Operator : JU/SJ
 Sample : K1793-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE108D2-20190306

Quant Time: Mar 09 06:54:52 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

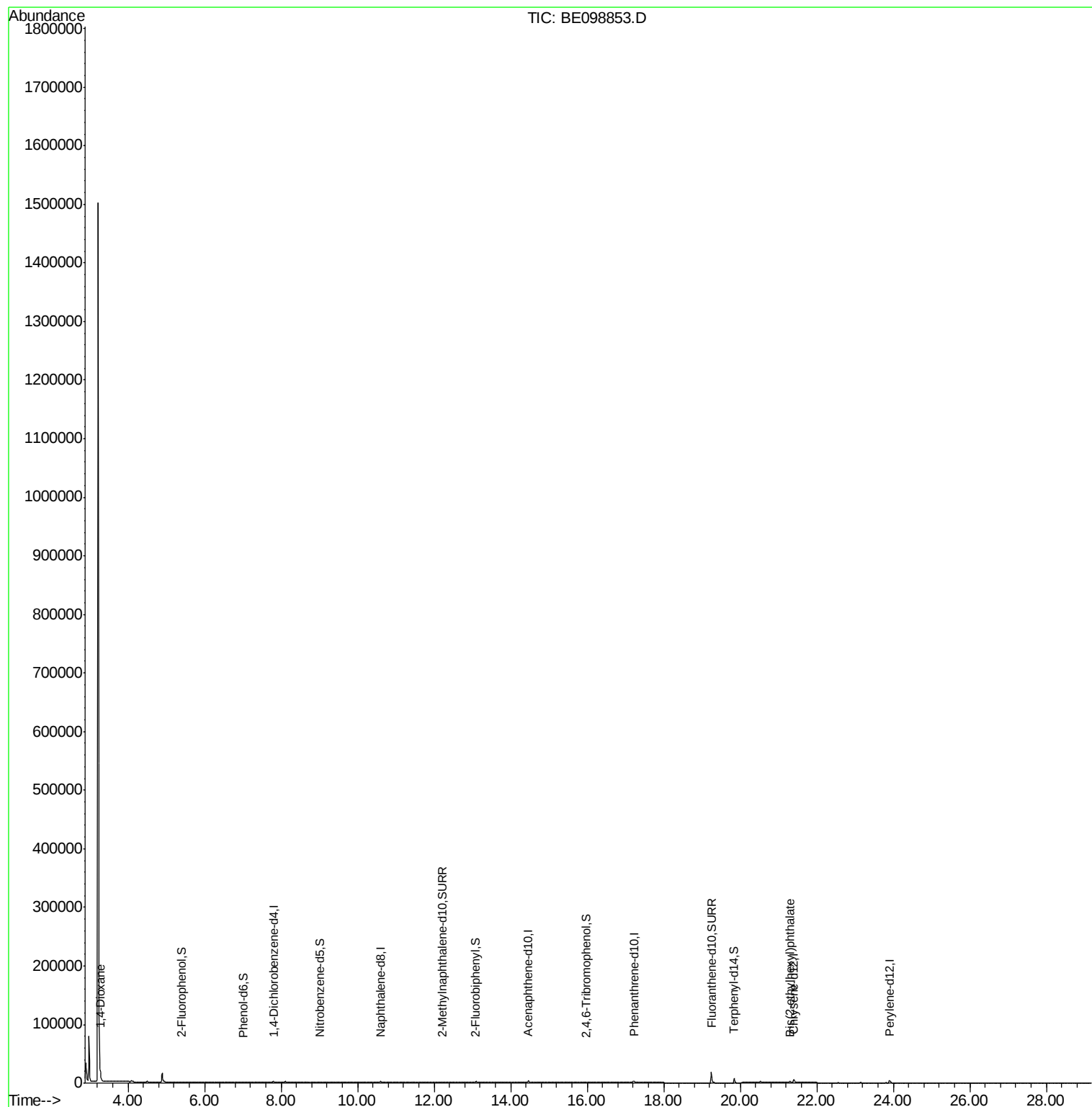
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	748	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3183	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2181	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5479	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7199	0.40	ng	0.00
34) Perylene-d12	23.90	264	7108	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	277	0.12	ng	0.01
5) Phenol-d6	7.01	99	210	0.07	ng	0.02
8) Nitrobenzene-d5	9.00	82	919	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2041	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	399	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3363	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	31374	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	7833	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	5661	4.812	ng	95
32) Bis(2-ethylhexyl)phthalate	21.29	149	1225	0.026	ng	# 99

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

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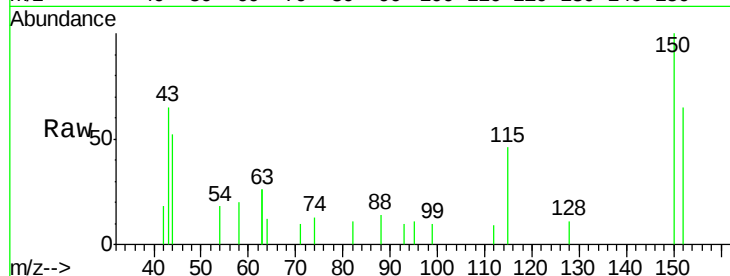


#1

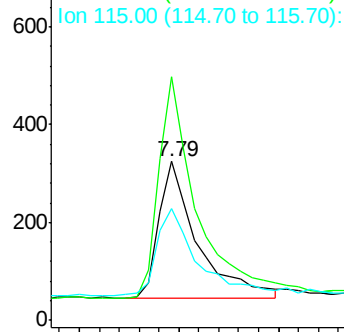
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098853.D
Acq: 9 Mar 2019 3:57

Instrument :
BNA_E
ClientSampleId :
RE108D2-20190306

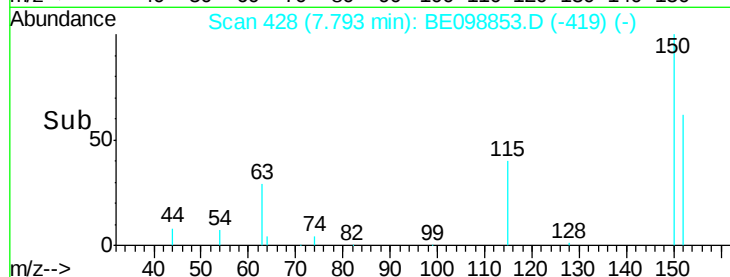
Tgt Ion:152 Resp: 748
Ion Ratio Lower Upper
152 100
150 153.2 122.5 183.7
115 70.5 57.4 86.2



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



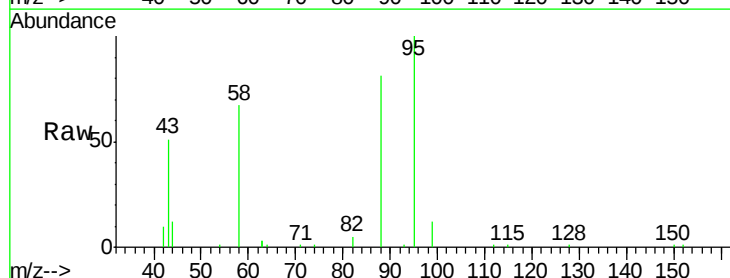
Time-->



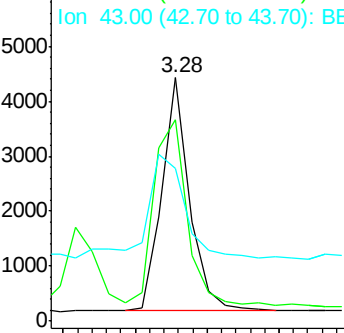
#2

1,4-Dioxane
Concen: 4.812 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098853.D
Acq: 9 Mar 2019 3:57

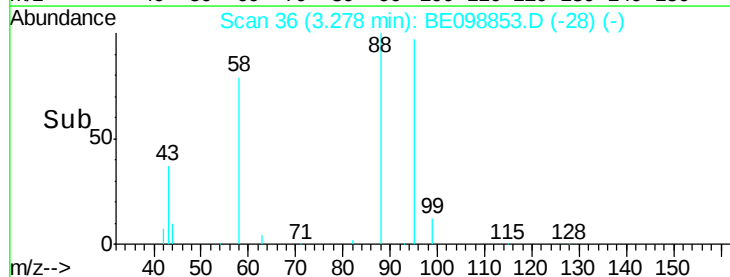
Tgt Ion: 88 Resp: 5661
Ion Ratio Lower Upper
88 100
58 94.2 75.8 113.6
43 61.4 41.8 62.8

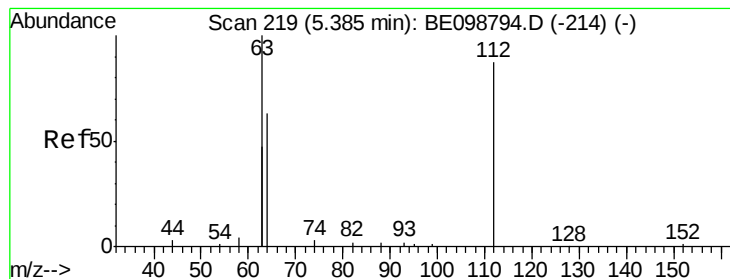


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.124 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190306

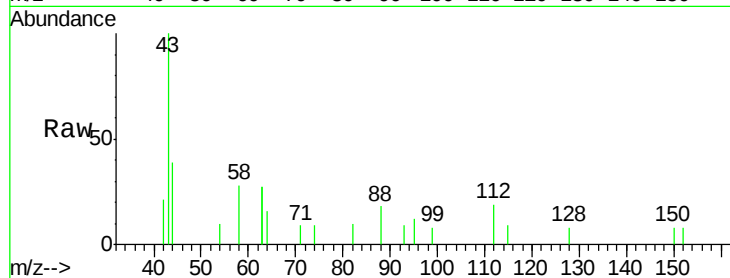
Tgt Ion: 112 Resp: 277

Ion Ratio Lower Upper

112 100

64 79.8 57.9 86.9

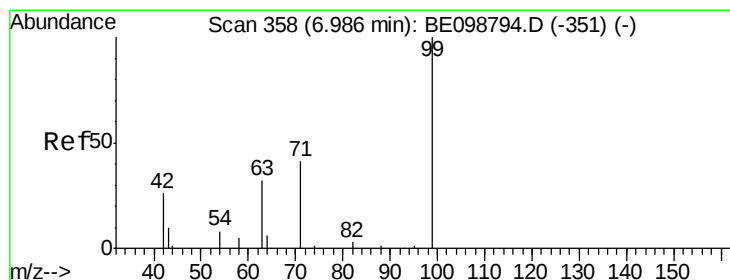
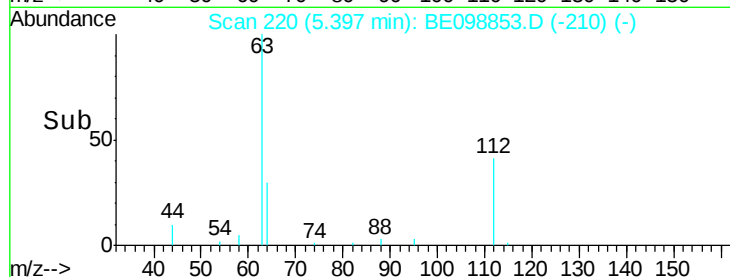
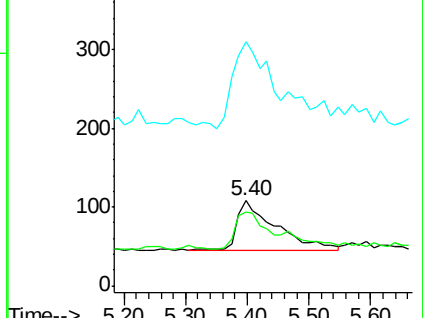
63 155.6 158.3 237.5#



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: 0.066 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

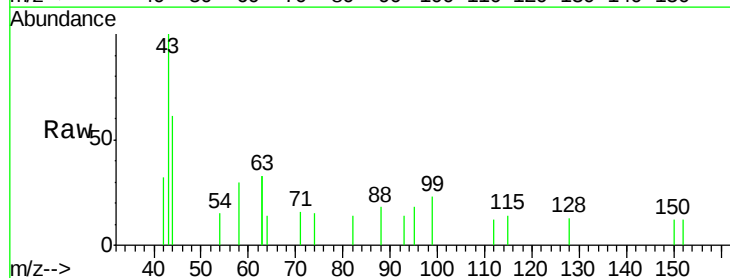
Tgt Ion: 99 Resp: 210

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

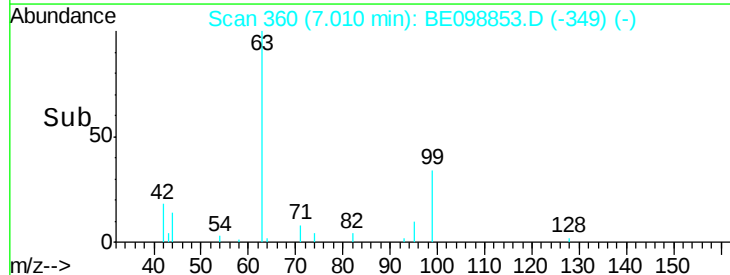
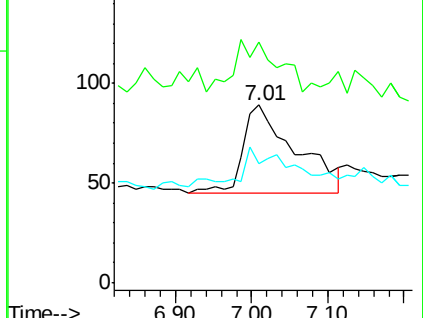
71 38.1 35.7 53.5



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: BE098853.D

Acq: 9 Mar 2019 3:57

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190306

Tgt Ion:136 Resp: 3183

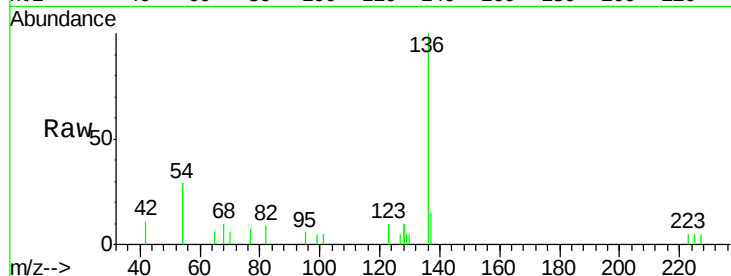
Ion Ratio Lower Upper

136 100

137 14.9 11.4 17.0

54 57.1 39.3 58.9

68 10.4 6.7 10.1#

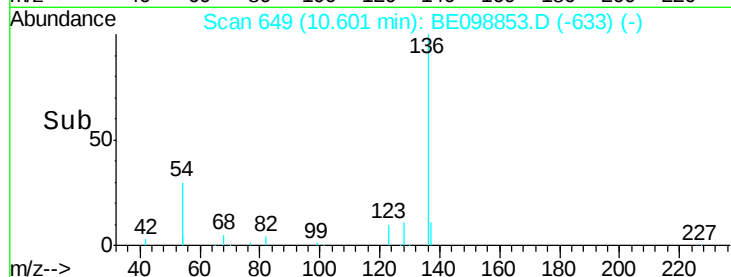
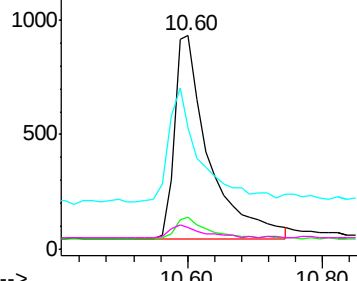


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.275 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

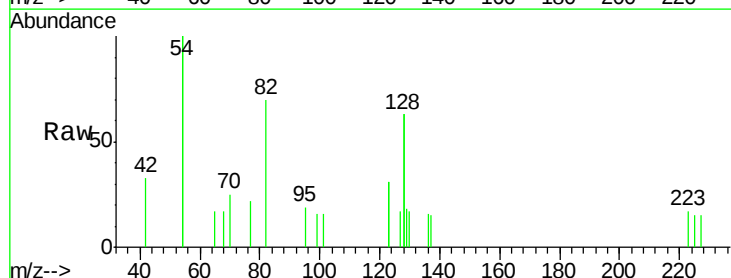
Tgt Ion: 82 Resp: 919

Ion Ratio Lower Upper

82 100

128 179.5 123.8 185.8

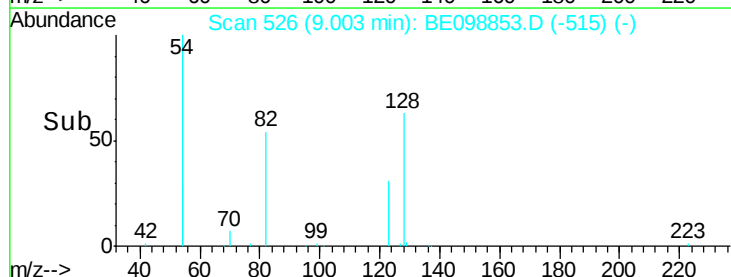
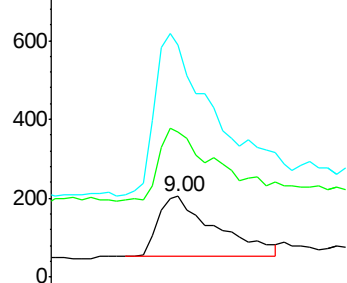
54 286.8 203.4 305.2



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

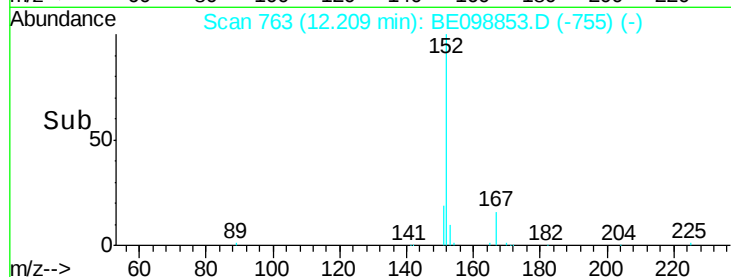
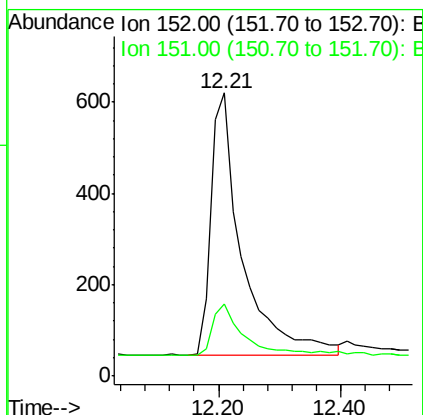
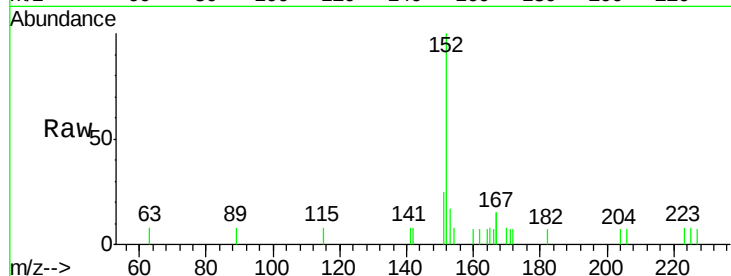




#11
 2-Methylnaphthalene-d10
 Concen: 0.347 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098853.D
 Acq: 9 Mar 2019 3:57

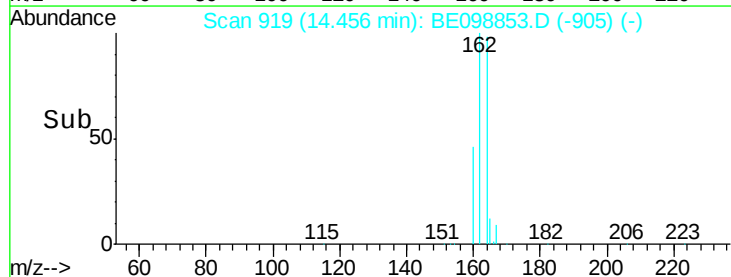
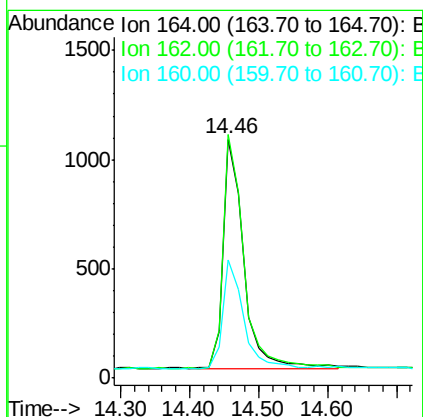
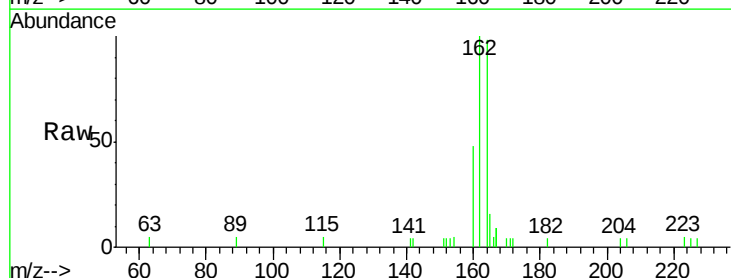
Instrument :
 BNA_E
 ClientSampleId :
 RE108D2-20190306

Tgt Ion:152 Resp: 2041
 Ion Ratio Lower Upper
 152 100
 151 21.0 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: BE098853.D
 Acq: 9 Mar 2019 3:57

Tgt Ion:164 Resp: 2181
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 49.3 37.8 56.8

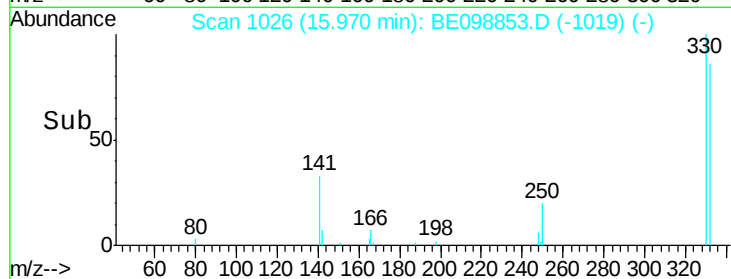
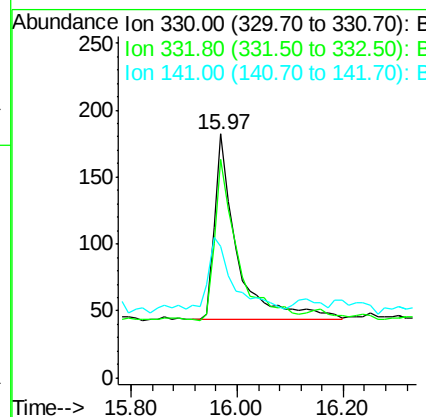
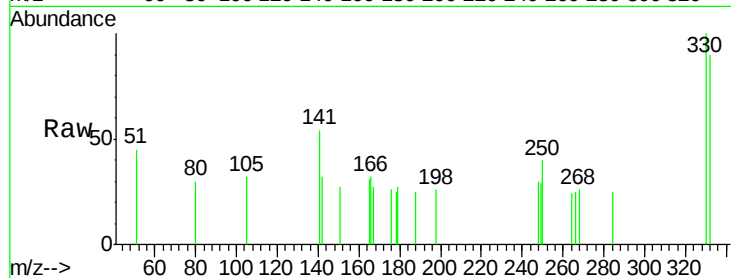




#14
 2,4,6-Tribromophenol
 Concen: 0.362 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098853.D
 Acq: 9 Mar 2019 3:57

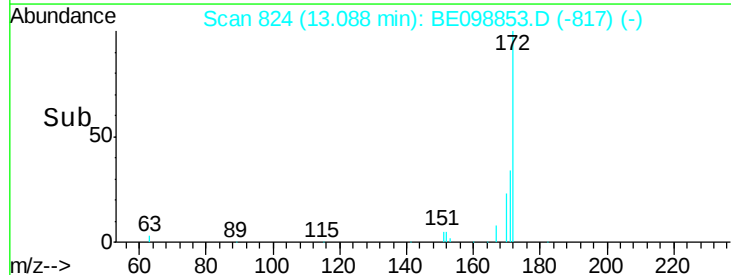
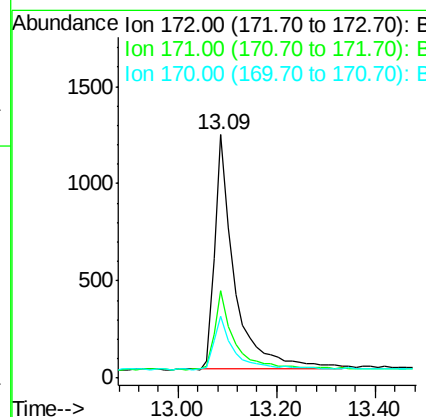
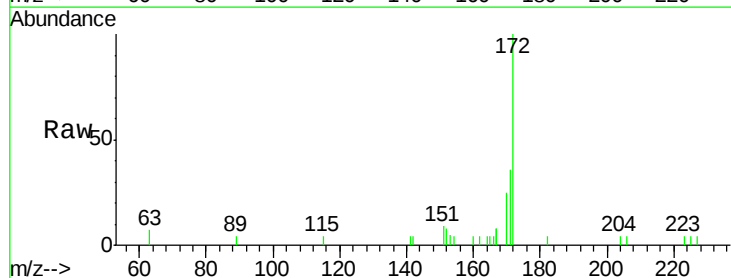
Instrument :
 BNA_E
 ClientSampleId :
 RE108D2-20190306

Tgt Ion: 330 Resp: 399
 Ion Ratio Lower Upper
 330 100
 332 89.5 77.6 116.4
 141 41.9 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.372 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098853.D
 Acq: 9 Mar 2019 3:57

Tgt Ion: 172 Resp: 3363
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.0 42.0
 170 25.4 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: BE098853.D

Acq: 9 Mar 2019 3:57

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190306

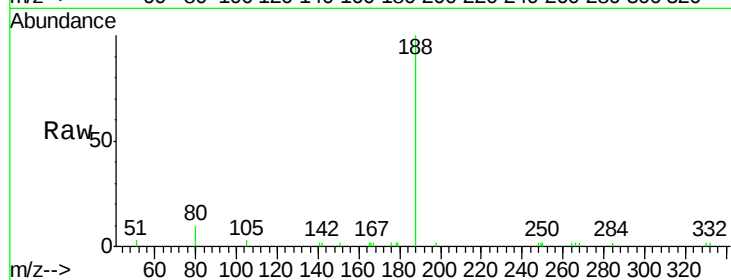
Tgt Ion:188 Resp: 5479

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

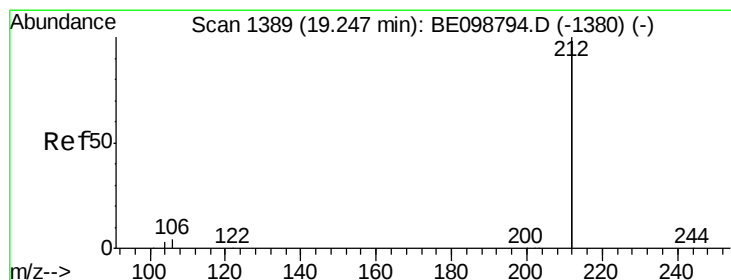
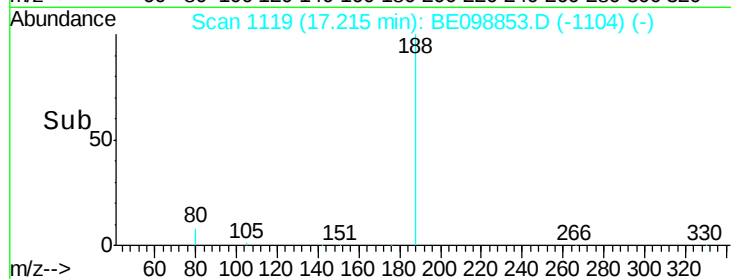
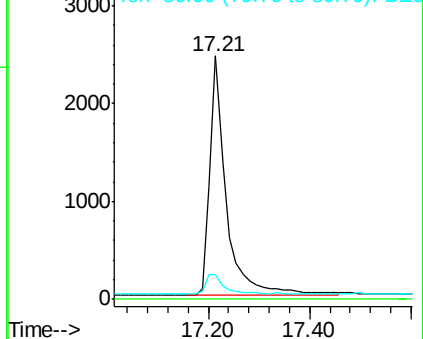
80 9.9 6.3 9.5#



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



#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

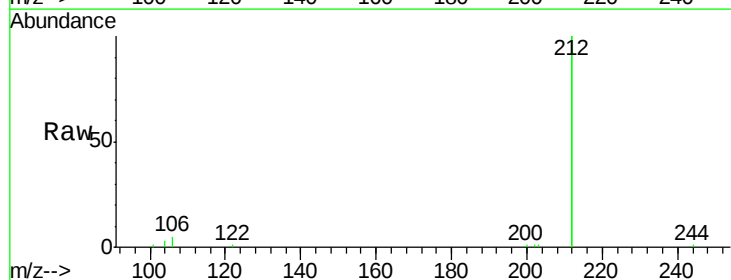
Tgt Ion:212 Resp: 31374

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

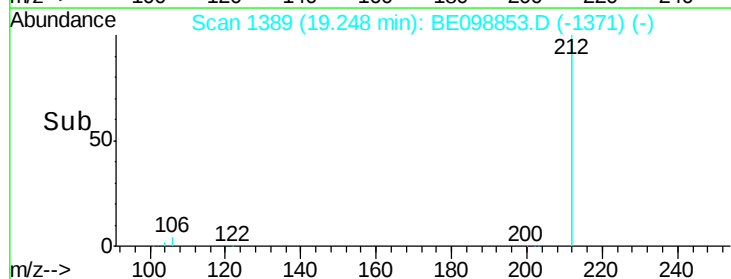
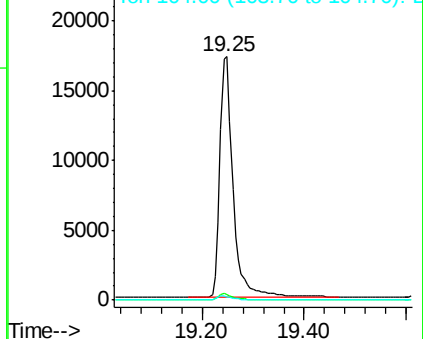
104 1.3 1.0 1.6



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# 1633

Delta R.T. -0.00 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190306

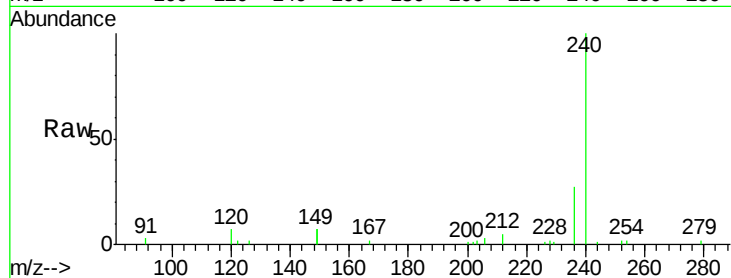
Tgt Ion:240 Resp: 7199

Ion Ratio Lower Upper

240 100

120 7.3 5.0 7.4

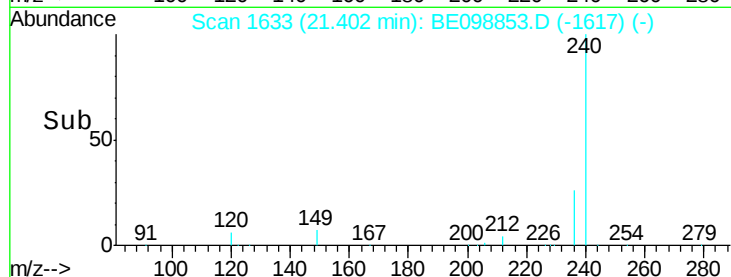
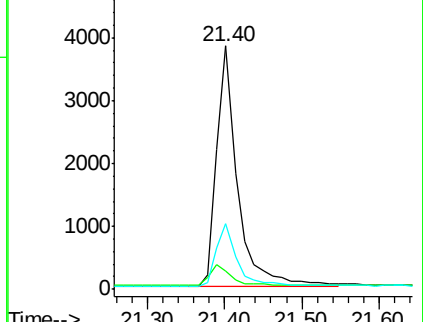
236 26.8 22.7 34.1



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: 0.448 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

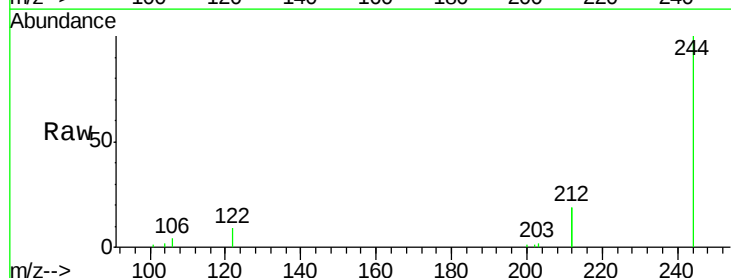
Tgt Ion:244 Resp: 7833

Ion Ratio Lower Upper

244 100

212 38.8 29.4 44.2

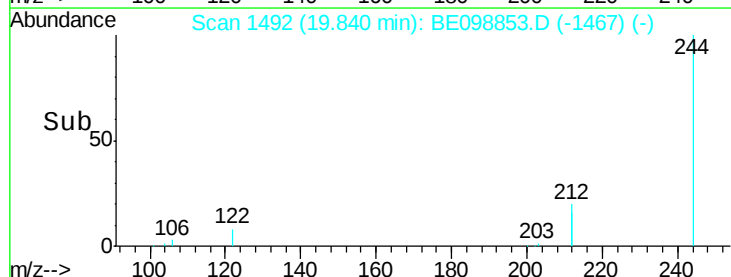
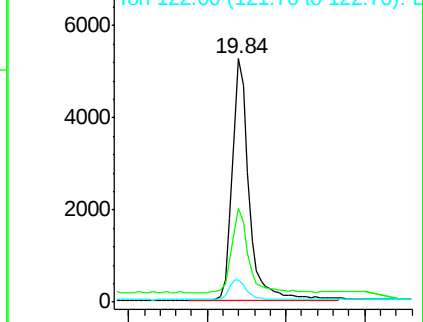
122 9.3 7.1 10.7



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

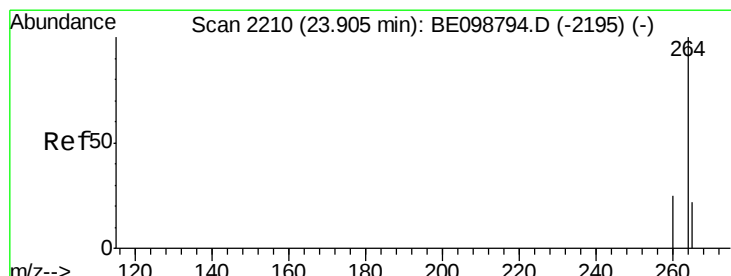
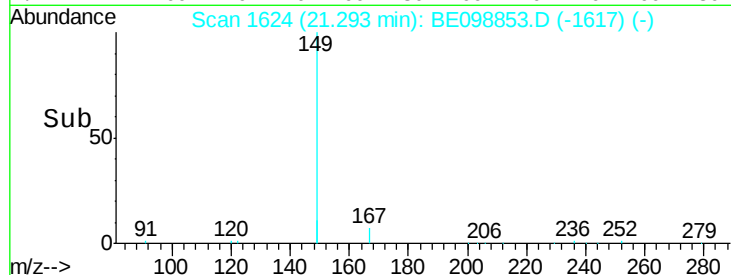
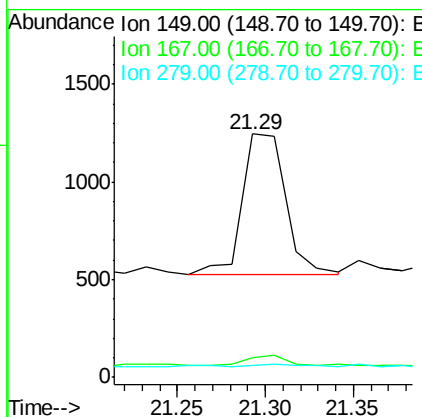
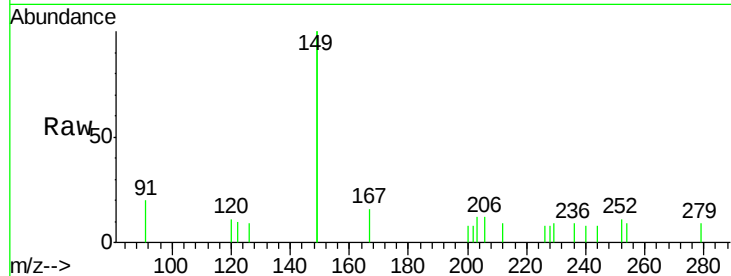




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.026 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098853.D
 Acq: 9 Mar 2019 3:57

Instrument :
 BNA_E
 ClientSampleId :
 RE108D2-20190306

Tgt Ion:149 Resp: 1225
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.4 8.0
 279 2.3 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098853.D
 Acq: 9 Mar 2019 3:57

Tgt Ion:264 Resp: 7108
 Ion Ratio Lower Upper
 264 100
 260 25.8 21.2 31.8
 265 28.2 24.6 36.8

