

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098893.D
 Acq On : 12 Mar 2019 12:06
 Operator : JU/SJ
 Sample : K1841-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308

Quant Time: Mar 12 13:12:41 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

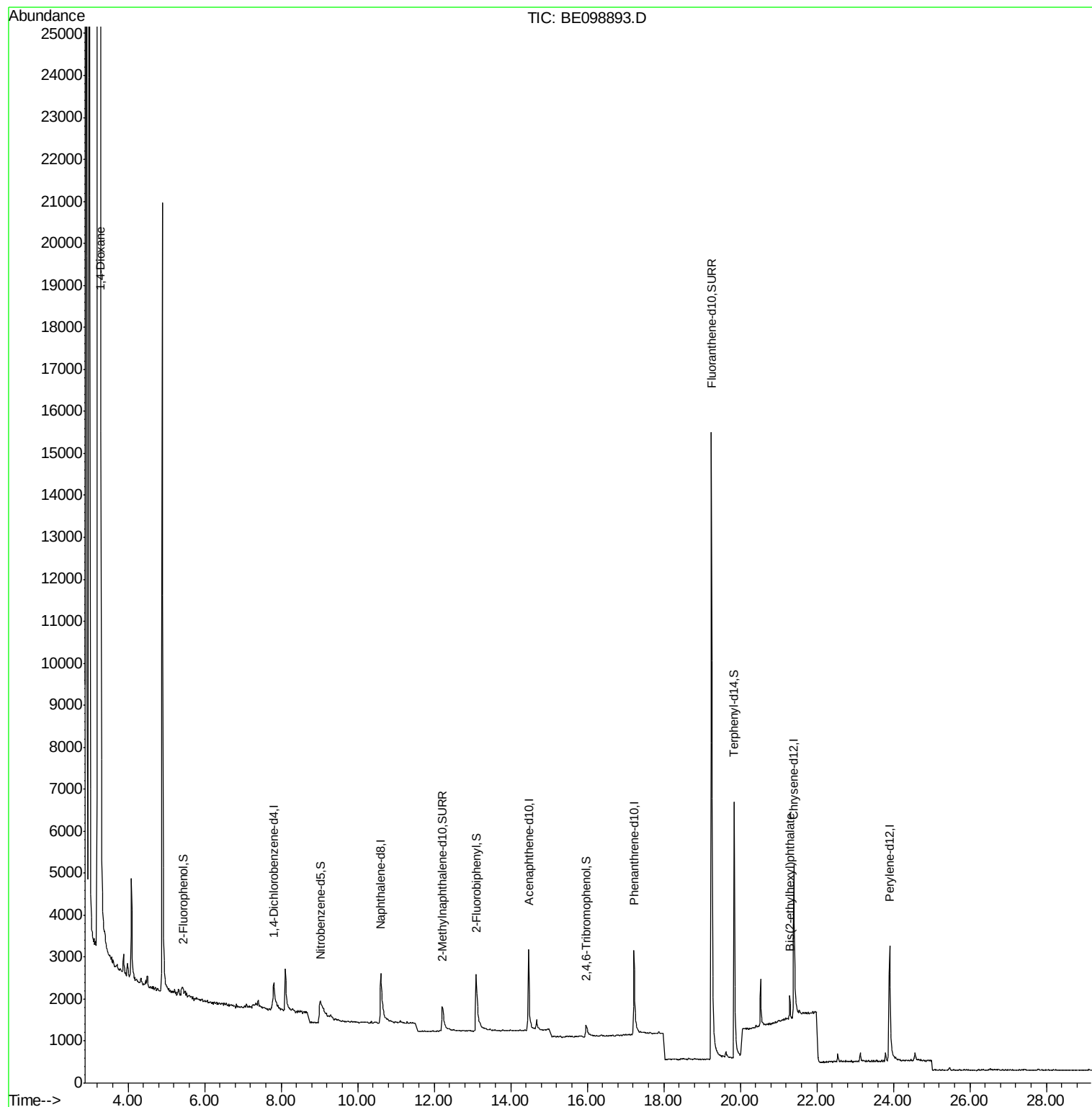
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	601	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	2699	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1945	0.40	ng	0.01
19) Phenanthrene-d10	17.22	188	5034	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5779	0.40	ng	0.00
34) Perylene-d12	23.90	264	5659	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	237	0.13	ng	0.05
5) Phenol-d6	6.98	99	6	0.00	ng	-0.01
8) Nitrobenzene-d5	9.04	82	921	0.33	ng	0.08
11) 2-Methylnaphthalene-d10	12.21	152	1953	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	328	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3303	0.41	ng	0.01
25) Fluoranthene-d10	19.25	212	29136	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	7647	0.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	8275	8.839	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	788	0.021	ng	99

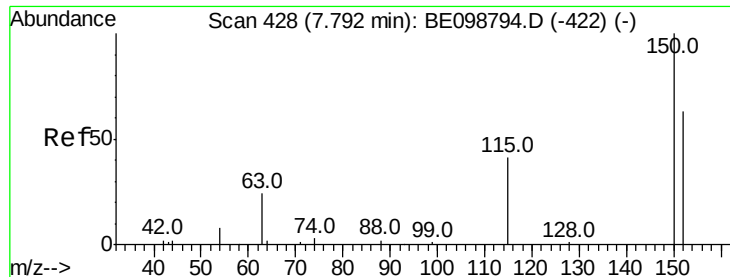
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098893.D

Acq: 12 Mar 2019 12:06

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190308

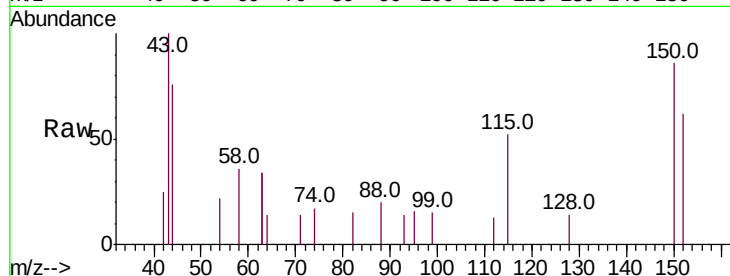
Tot Ion:152 Resp: 601

Ion Ratio Lower Upper

152 100

150 139.9 122.5 183.7

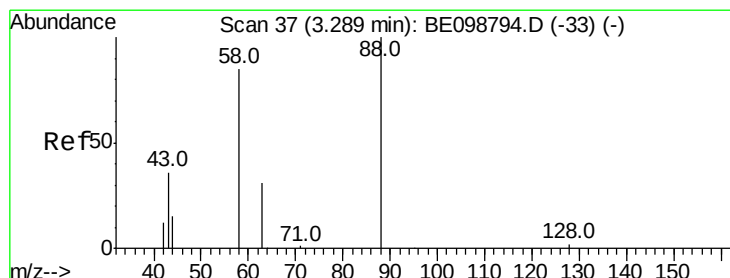
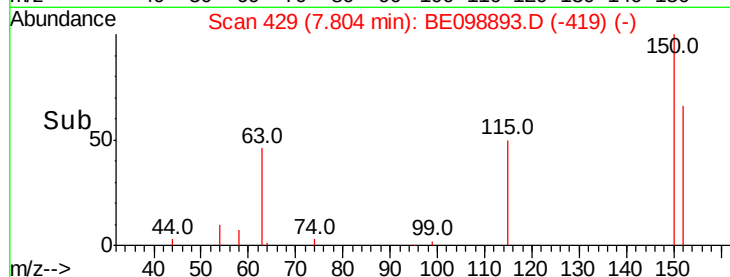
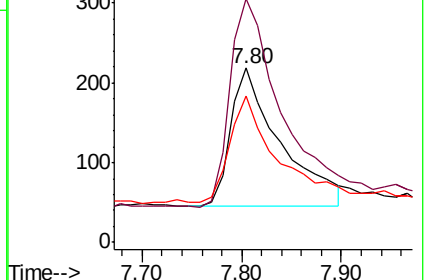
115 83.9 57.4 86.2



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: 8.839 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

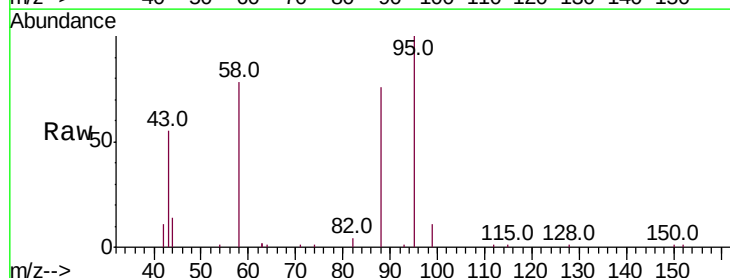
Tgt Ion: 88 Resp: 8275

Ion Ratio Lower Upper

88 100

58 92.7 75.8 113.6

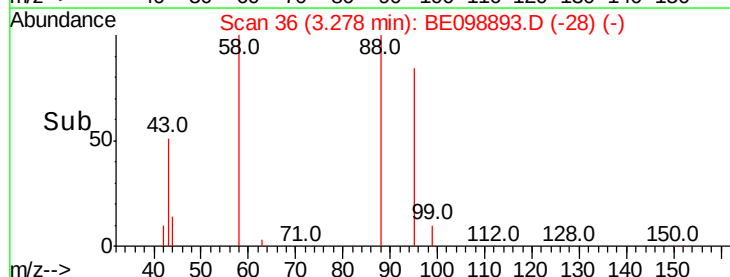
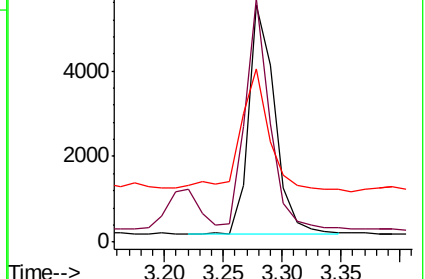
43 55.5 41.8 62.8

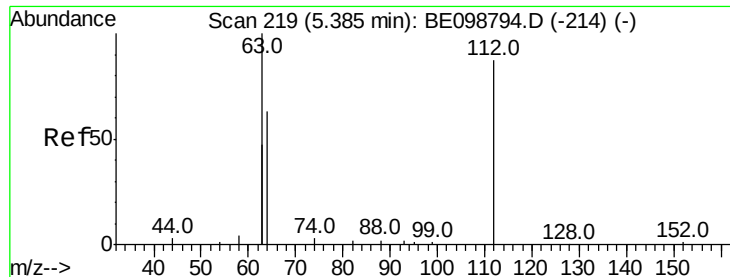


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.132 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.05 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190308

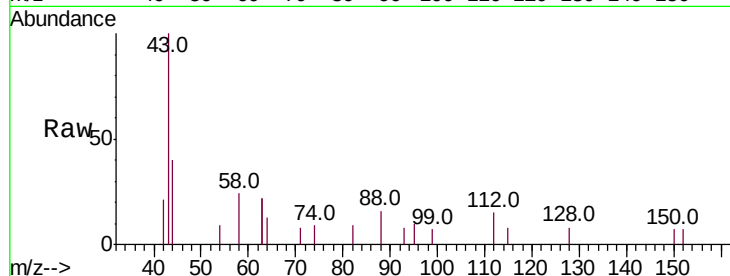
Tot Ion:112 Resp: 237

Ion Ratio Lower Upper

112 100

64 74.3 57.9 86.9

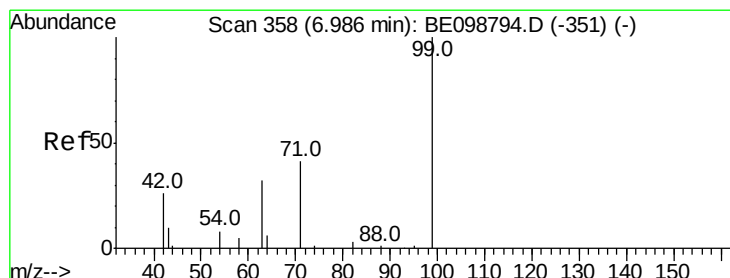
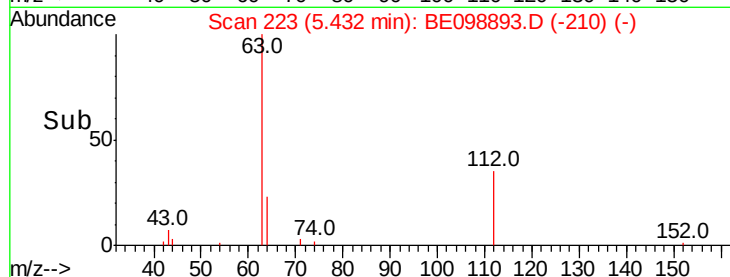
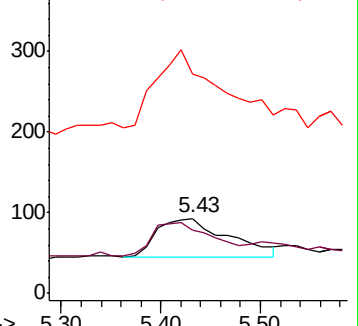
63 197.5 158.3 237.5



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: 0.002 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

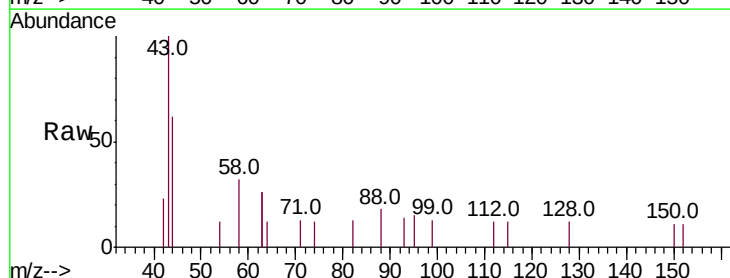
Tgt Ion: 99 Resp: 6

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

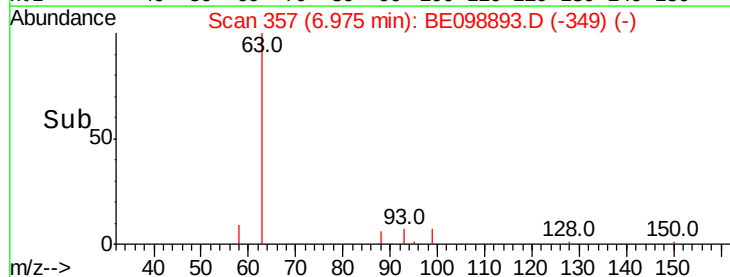
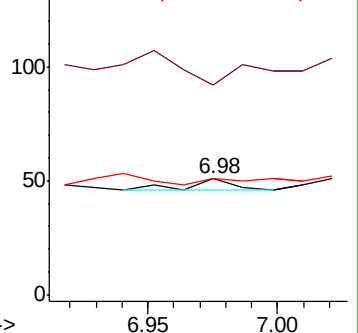
71 0.0 35.7 53.5#

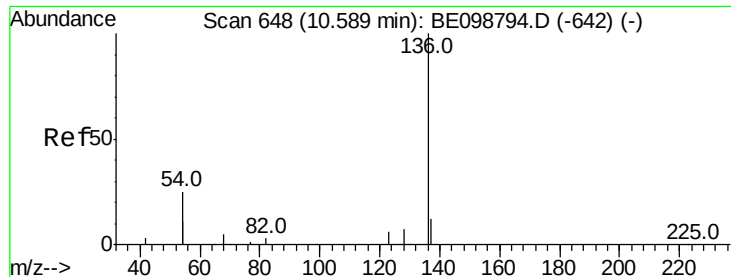


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098893.D

Acq: 12 Mar 2019 12:06

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190308

Tot Ion:136 Resp: 2699

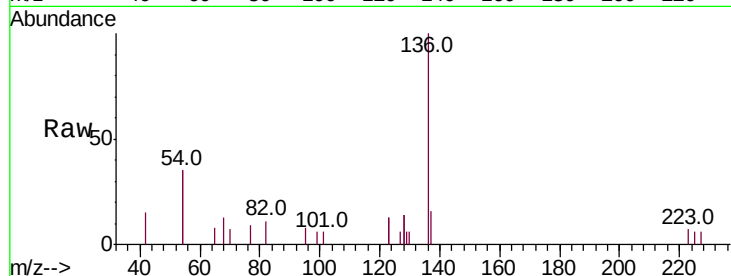
Ion Ratio Lower Upper

136 100

137 15.9 11.4 17.0

54 70.9 39.3 58.9#

68 13.4 6.7 10.1#

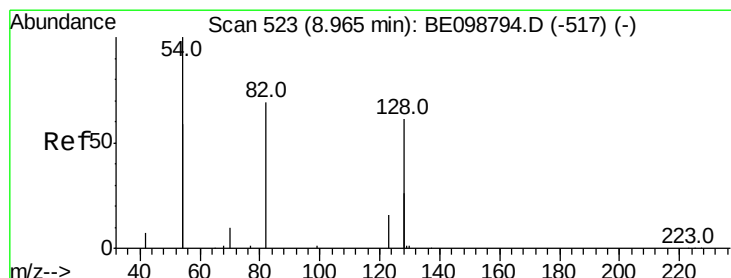
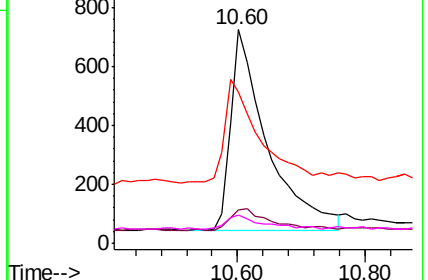
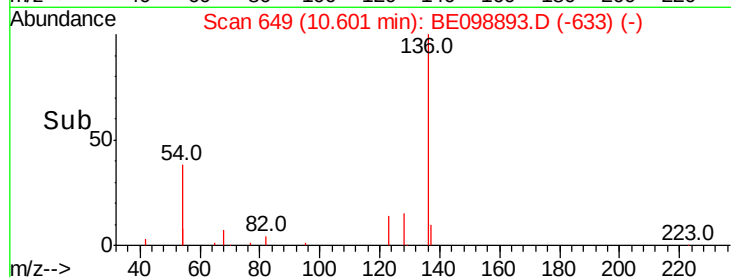


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.325 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.08 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

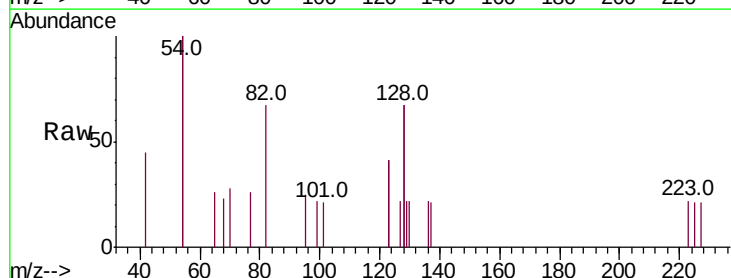
Tgt Ion: 82 Resp: 921

Ion Ratio Lower Upper

82 100

128 201.4 123.8 185.8#

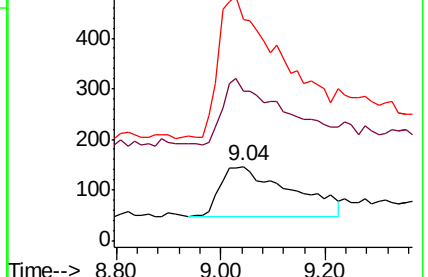
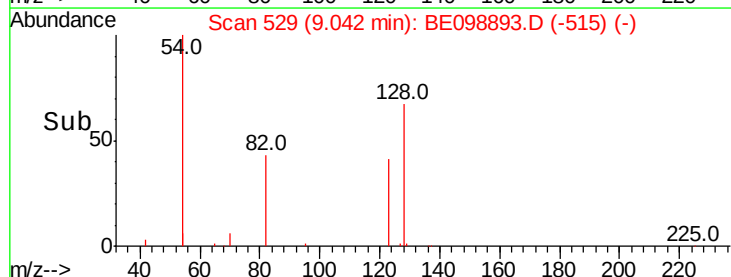
54 298.6 203.4 305.2

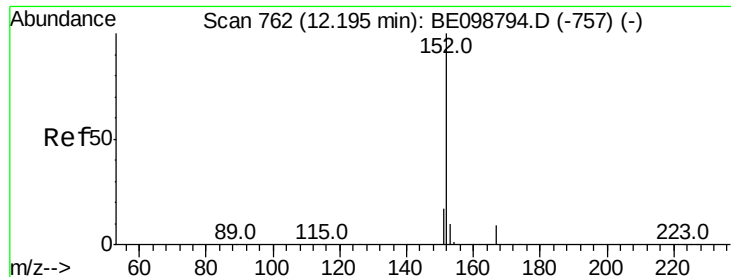


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

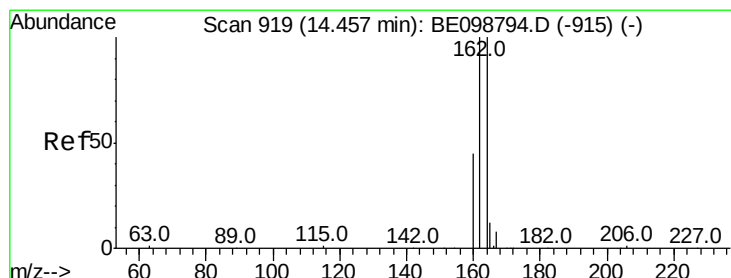
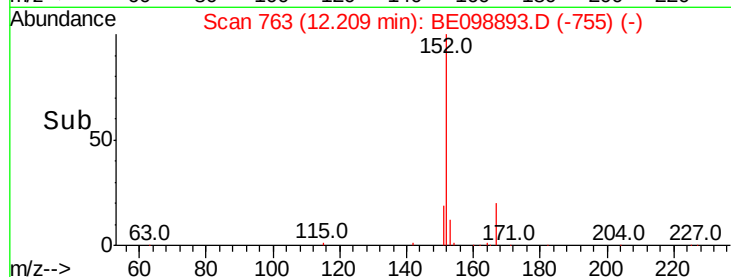
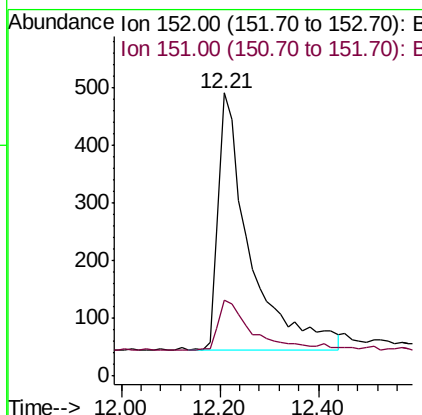
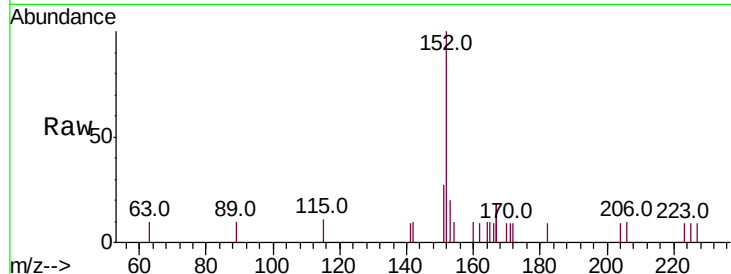




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098893.D
 Acq: 12 Mar 2019 12:06

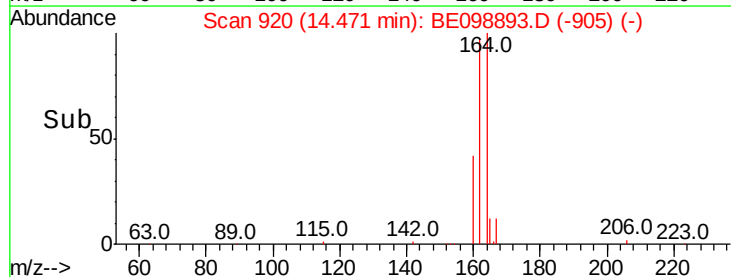
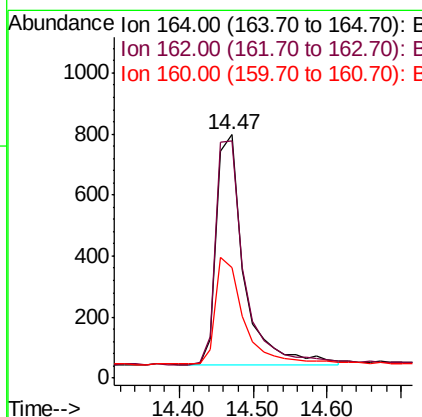
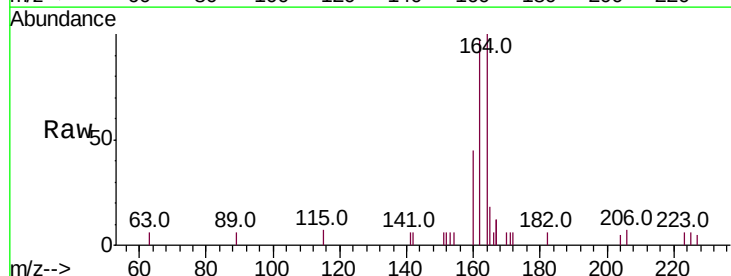
Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308

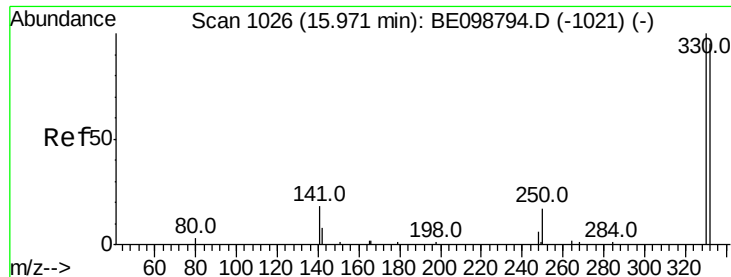
Tot Ion:152 Resp: 1953
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE098893.D
 Acq: 12 Mar 2019 12:06

Tgt Ion:164 Resp: 1945
 Ion Ratio Lower Upper
 164 100
 162 97.4 80.2 120.2
 160 45.2 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.334 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190308

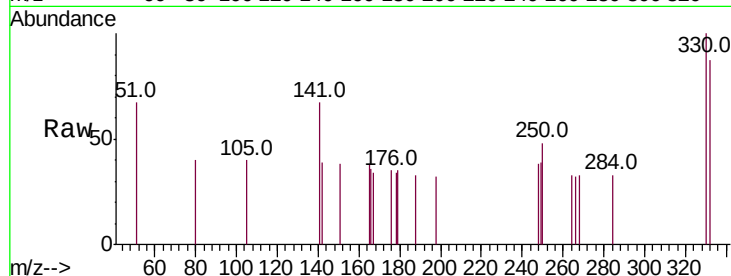
Tot Ion:330 Resp: 328

Ion Ratio Lower Upper

330 100

332 97.9 77.6 116.4

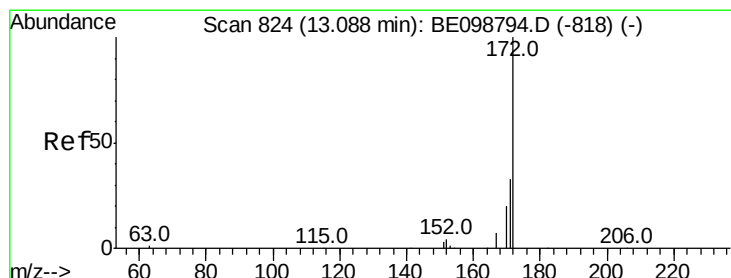
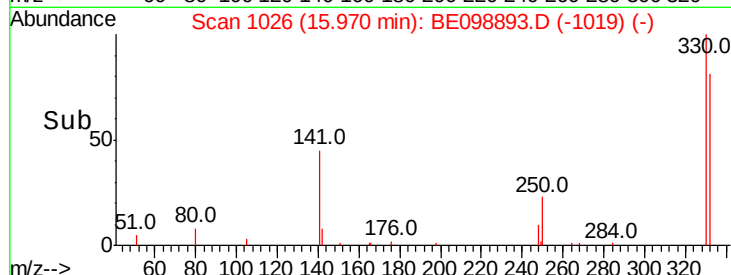
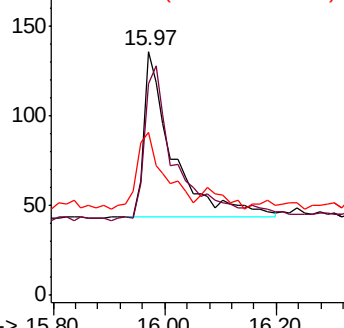
141 39.3 31.0 46.4



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: 0.410 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.01 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

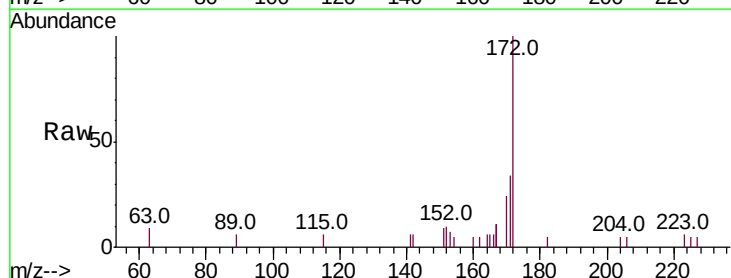
Tgt Ion:172 Resp: 3303

Ion Ratio Lower Upper

172 100

171 33.5 28.0 42.0

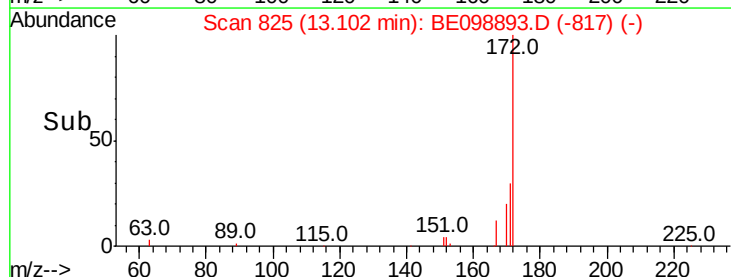
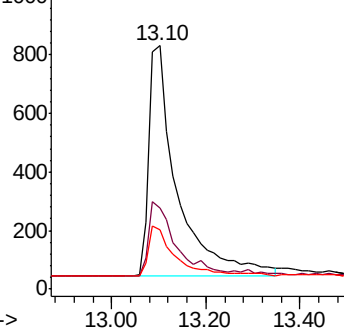
170 24.2 17.7 26.5

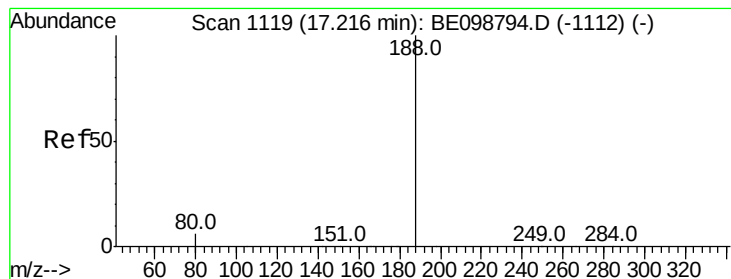


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

Instrument :

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ClientSampleId :

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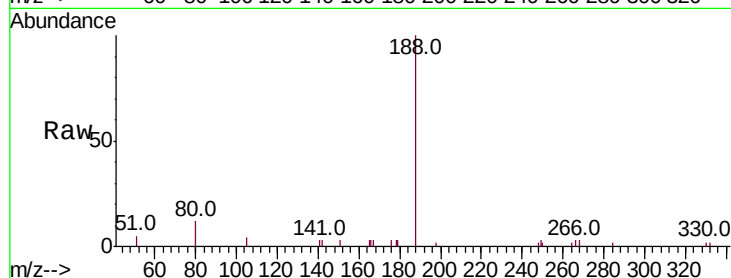
Tot Ion:188 Resp: 5034

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

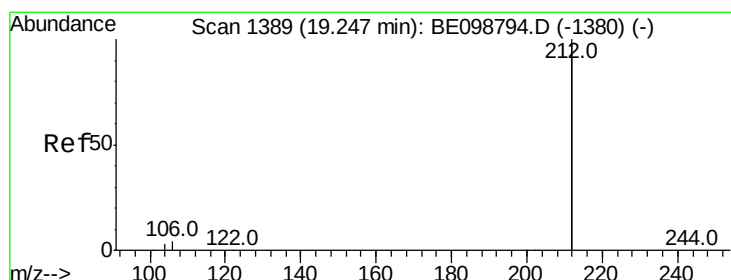
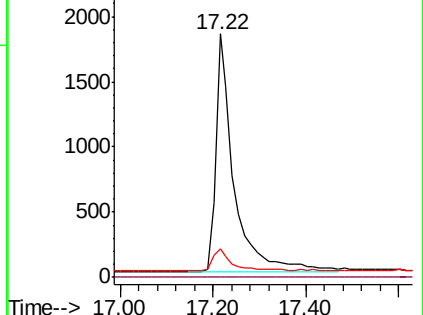
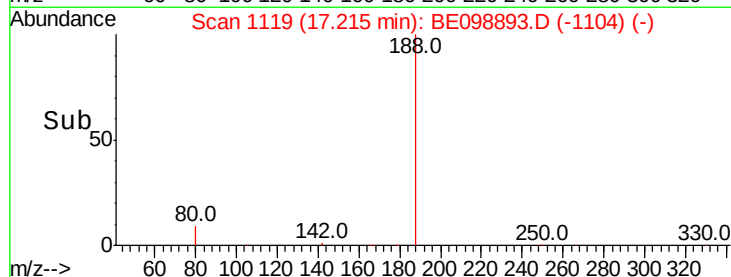
80 11.9 6.3 9.5#



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: 0.363 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

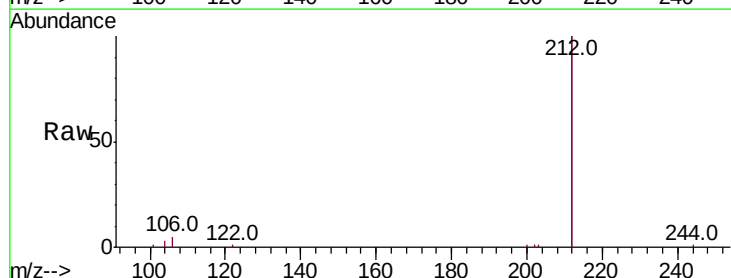
Tgt Ion:212 Resp: 29136

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

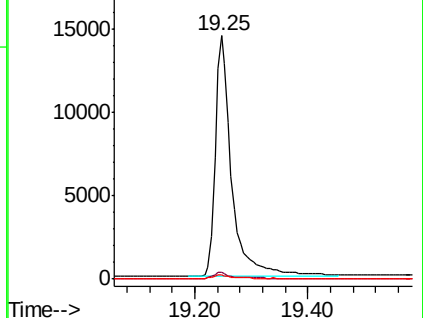
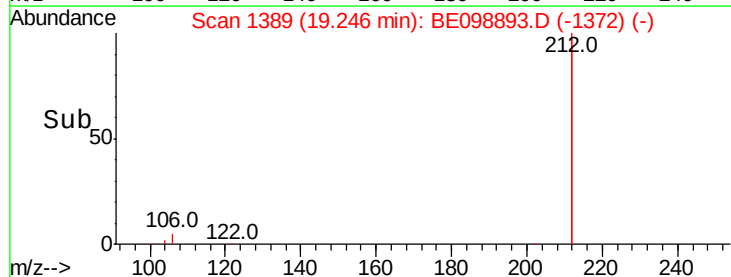
104 1.3 1.0 1.6

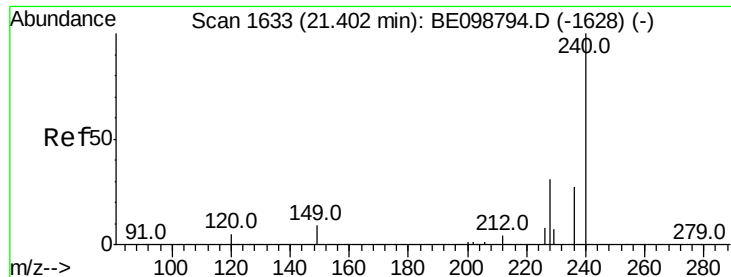


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098893.D

Acq: 12 Mar 2019 12:06

Instrument :

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ClientSampleId :

RE122D2-20190308

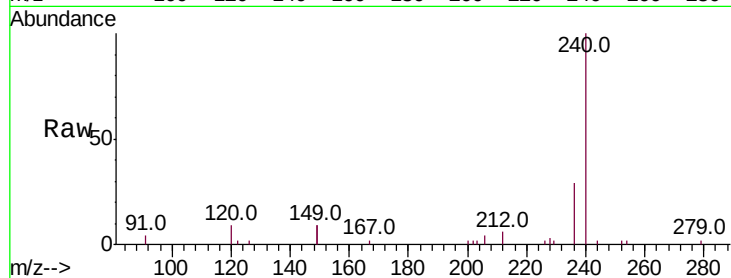
Tot Ion:240 Resp: 5779

Ion Ratio Lower Upper

240 100

120 8.6 5.0 7.4#

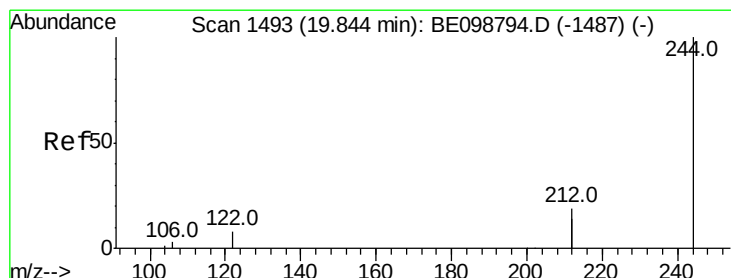
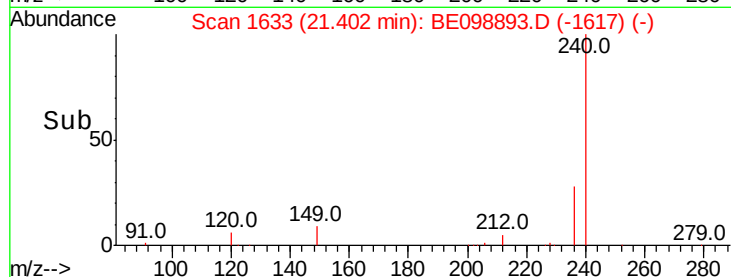
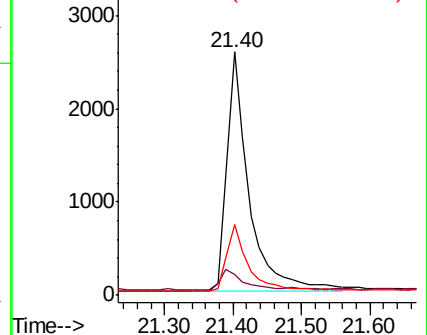
236 29.2 22.7 34.1



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: 0.544 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

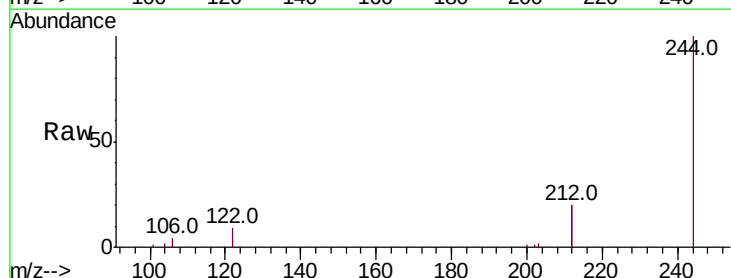
Tgt Ion:244 Resp: 7647

Ion Ratio Lower Upper

244 100

212 39.3 29.4 44.2

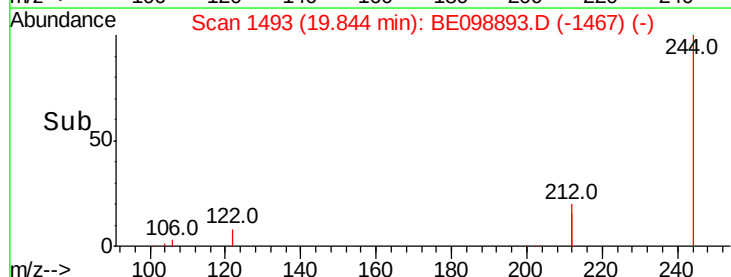
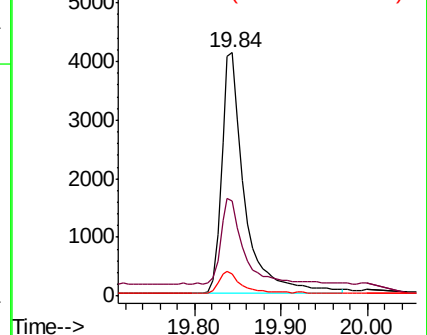
122 8.9 7.1 10.7

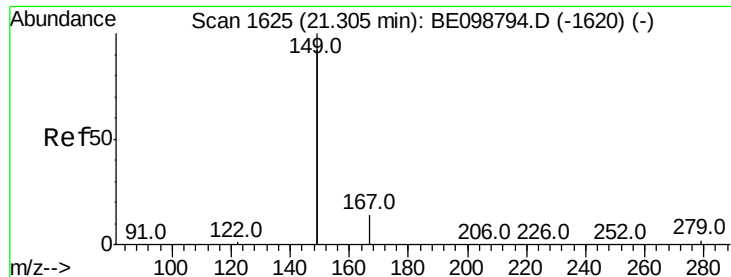


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.021 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190308

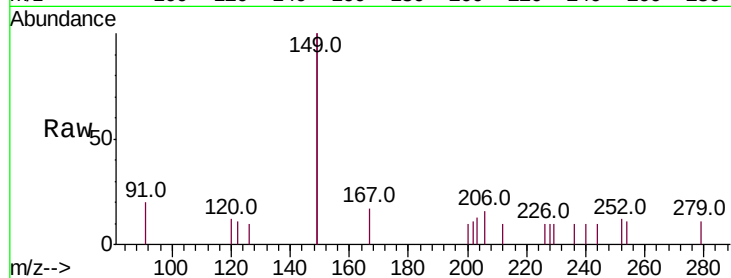
Tot Ion:149 Resp: 788

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

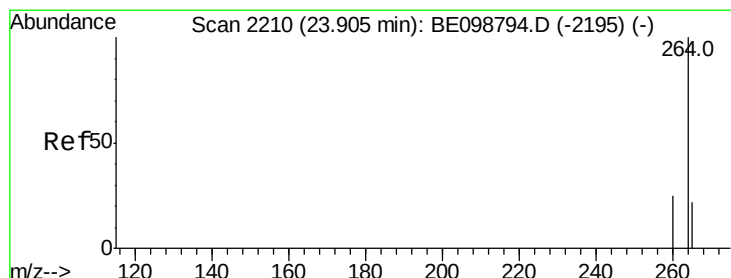
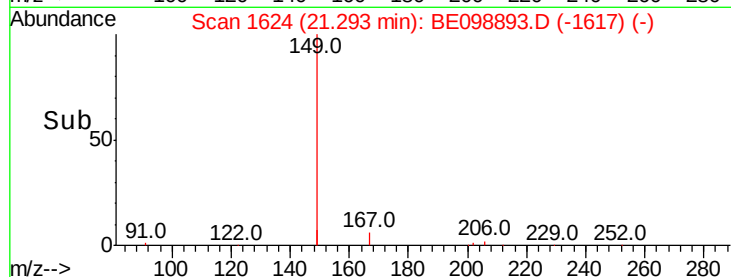
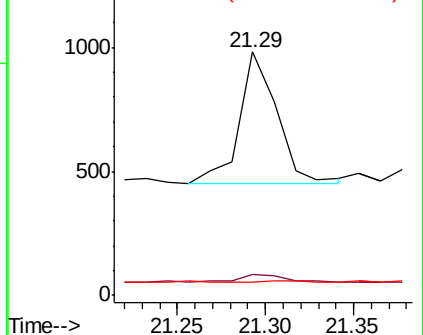
279 1.1 1.0 1.4



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

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

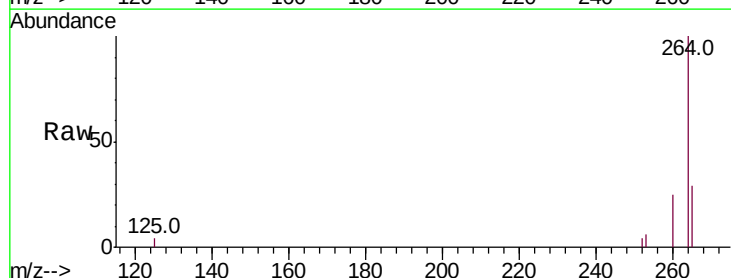
Tgt Ion:264 Resp: 5659

Ion Ratio Lower Upper

264 100

260 25.1 21.2 31.8

265 28.7 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

