

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098917.D
 Acq On : 13 Mar 2019 18:24
 Operator : JU/SJ
 Sample : K1856-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW29D-20190310

Quant Time: Mar 14 06:56:15 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

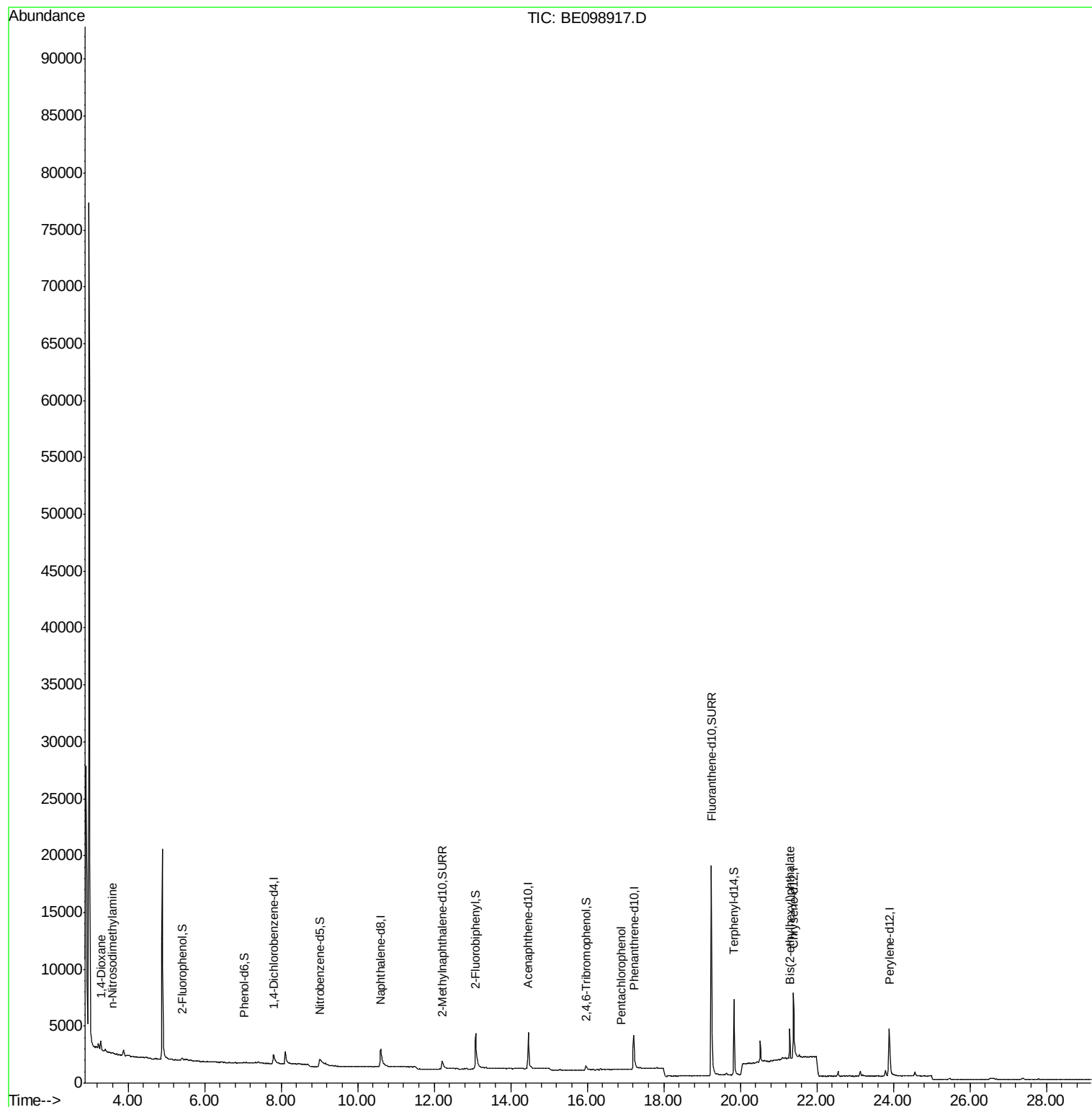
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	754	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3507	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2569	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6458	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7639	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7429	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	248	0.11	ng	0.02
5) Phenol-d6	7.05	99	140	0.04	ng	0.06
8) Nitrobenzene-d5	9.02	82	1022	0.28	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2158	0.33	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	395	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5843	0.55	ng	0.00
25) Fluoranthene-d10	19.24	212	30919	0.30	ng	0.00
29) Terphenyl-d14	19.84	244	7197	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	547	0.367	ng	# 78
3) n-Nitrosodimethylamine	3.59	42	70	0.037	ng	# 14
22) Pentachlorophenol	16.89	266	30	0.286	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	2739	0.054	ng	# 96

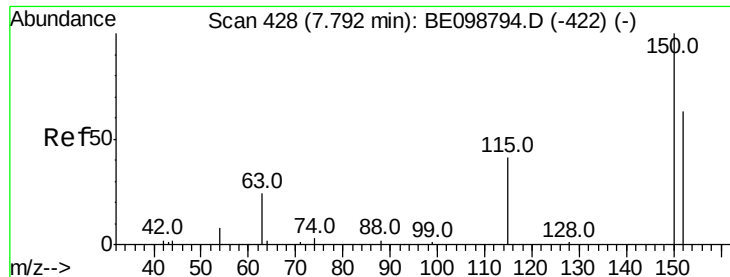
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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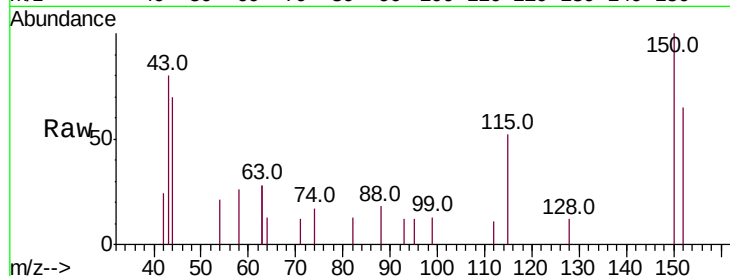


#1

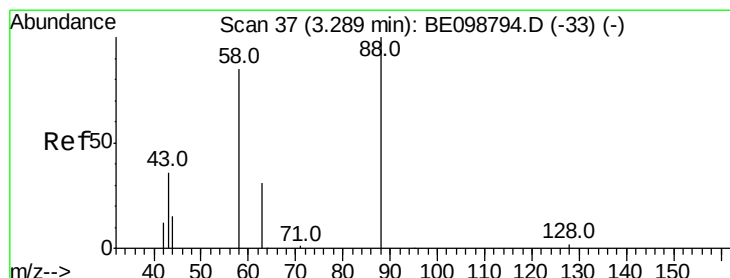
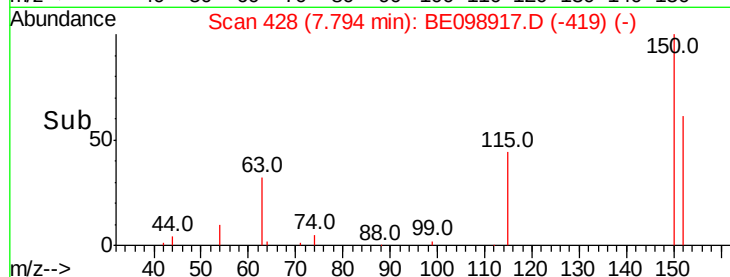
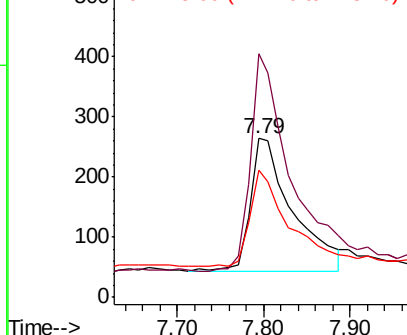
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098917.D
Acq: 13 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20190310

Tot Ion:152 Resp: 754
Ion Ratio Lower Upper
152 100
150 153.4 122.5 183.7
115 79.9 57.4 86.2



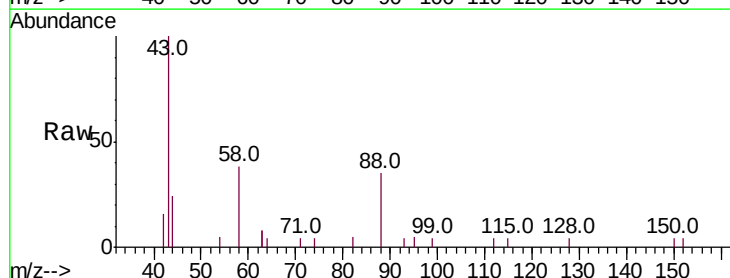
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



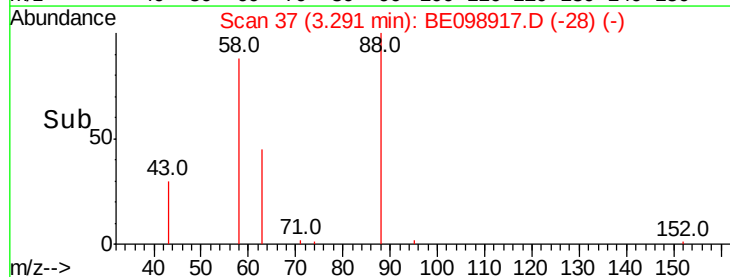
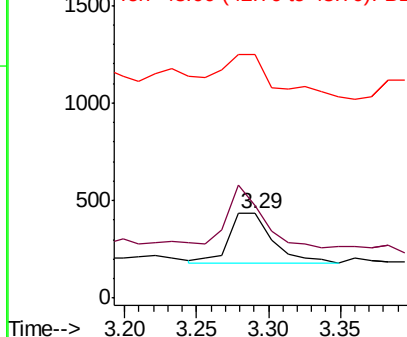
#2

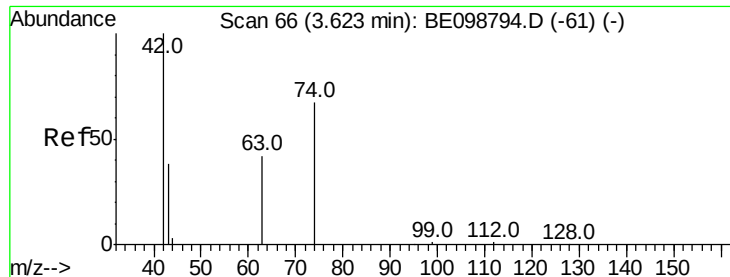
1,4-Dioxane
Concen: 0.367 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098917.D
Acq: 13 Mar 2019 18:24

Tgt Ion: 88 Resp: 547
Ion Ratio Lower Upper
88 100
58 96.3 75.8 113.6
43 94.0 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





#3

n-Nitrosodimethylamine

Concen: 0.037 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.03 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20190310

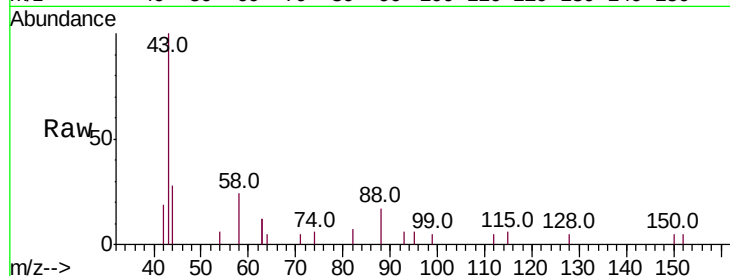
Tot Ion: 42 Resp: 70

Ion Ratio Lower Upper

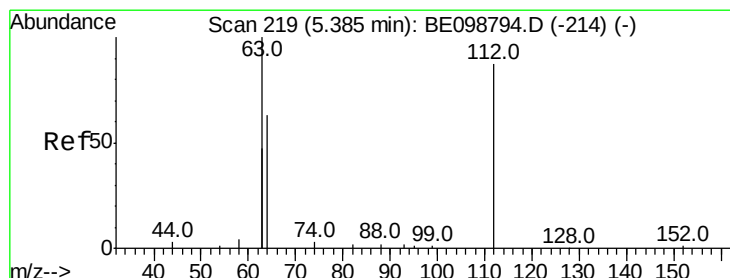
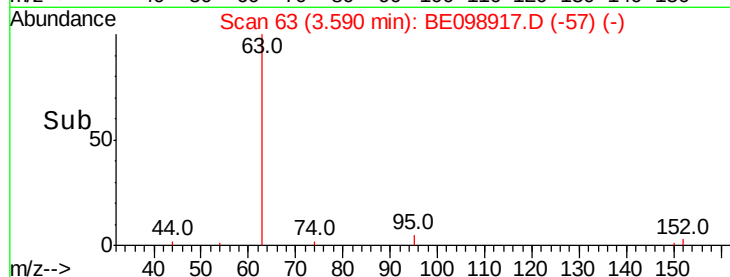
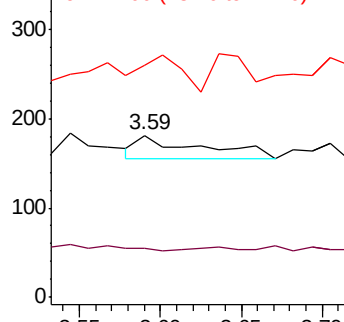
42 100

74 0.0 57.0 85.4#

44 97.1 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: 0.110 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

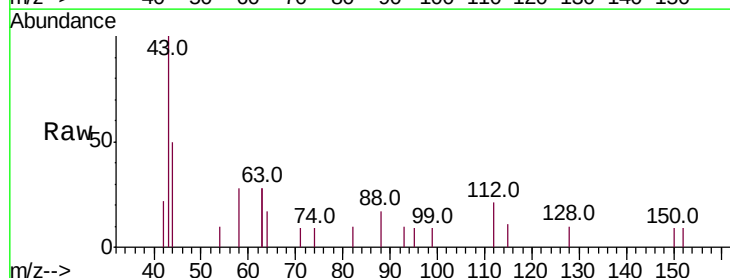
Tgt Ion: 112 Resp: 248

Ion Ratio Lower Upper

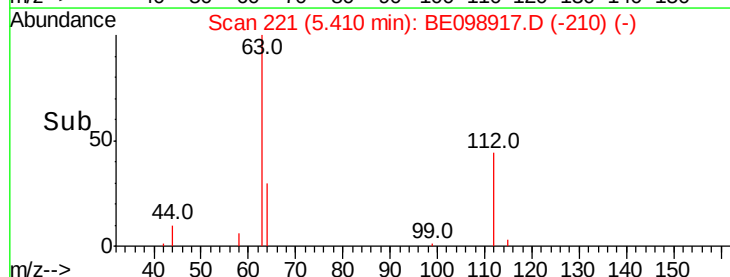
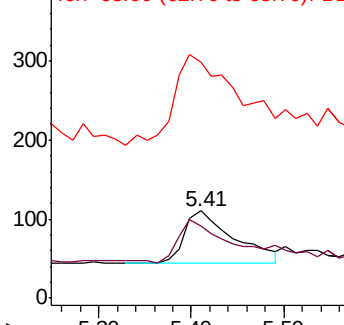
112 100

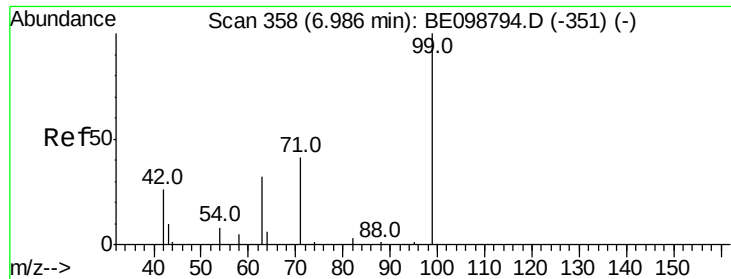
64 104.0 57.9 86.9#

63 263.7 158.3 237.5#



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: 0.044 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20190310

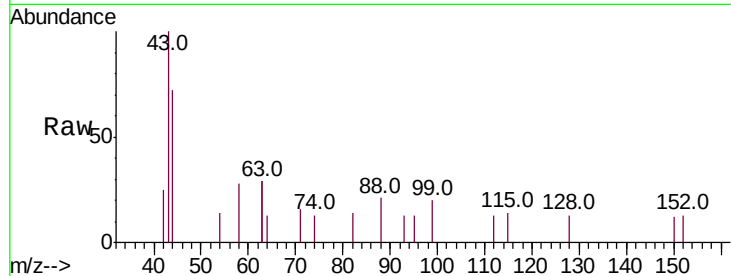
Tot Ion: 99 Resp: 140

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

71 75.7 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

150

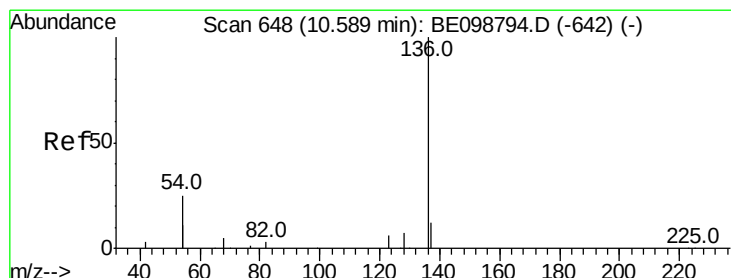
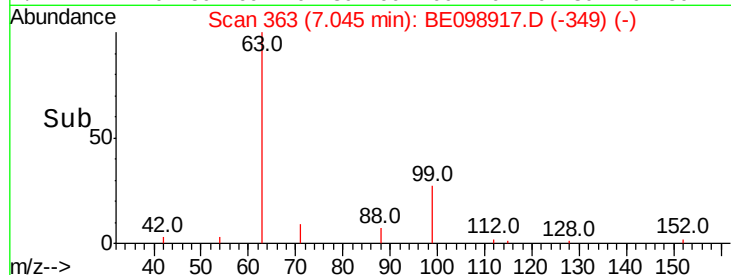
100

7.05

50

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

Tgt Ion: 136 Resp: 3507

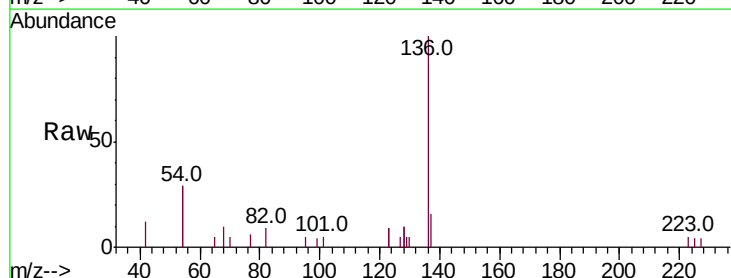
Ion Ratio Lower Upper

136 100

137 15.7 11.4 17.0

54 57.6 39.3 58.9

68 10.0 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

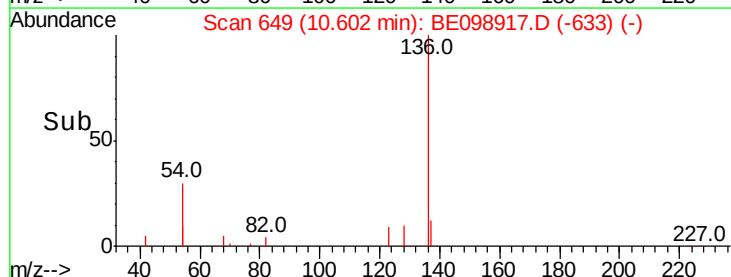
1500

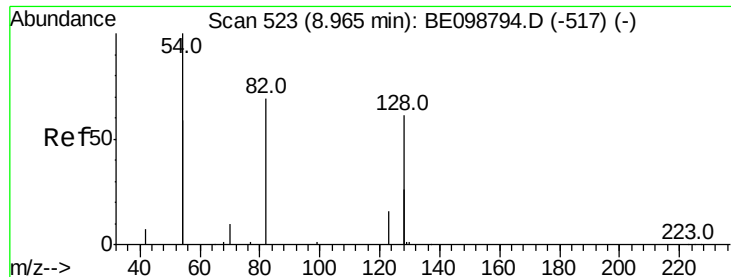
1000

500

0

Time-->





#8

Nitrobenzene-d5

Concen: 0.278 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20190310

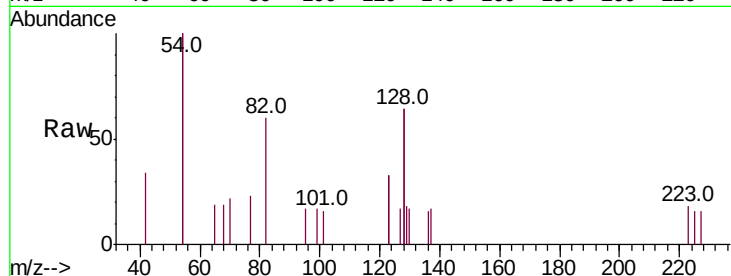
Tot Ion: 82 Resp: 1022

Ion Ratio Lower Upper

82 100

128 213.3 123.8 185.8#

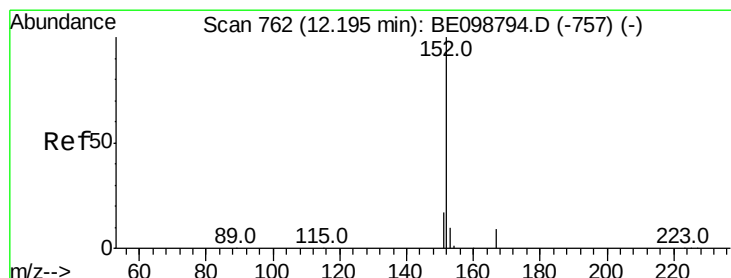
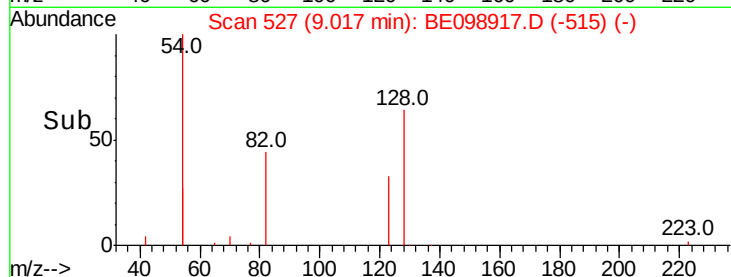
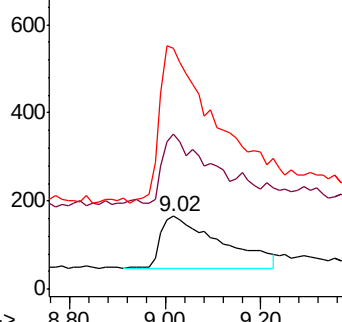
54 330.9 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE098917.D

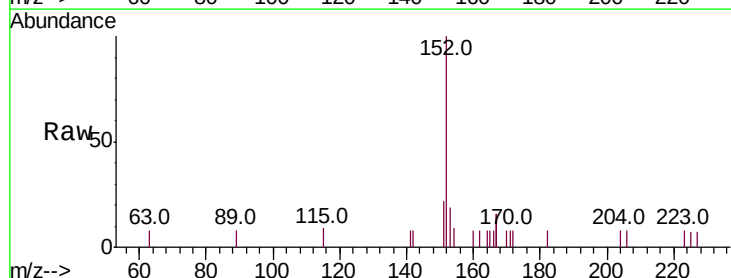
Acq: 13 Mar 2019 18:24

Tgt Ion: 152 Resp: 2158

Ion Ratio Lower Upper

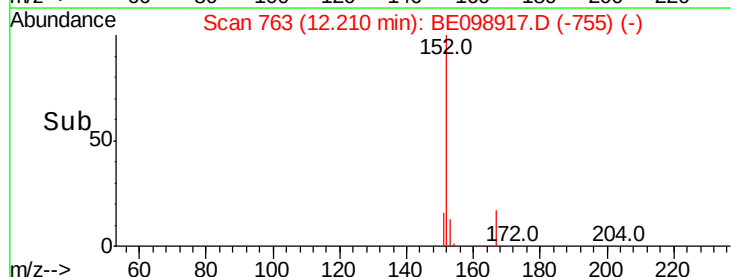
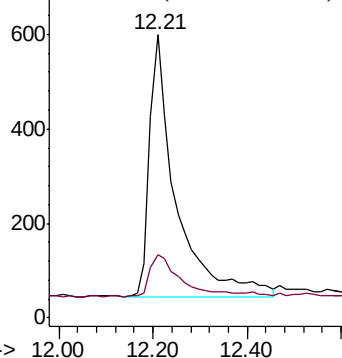
152 100

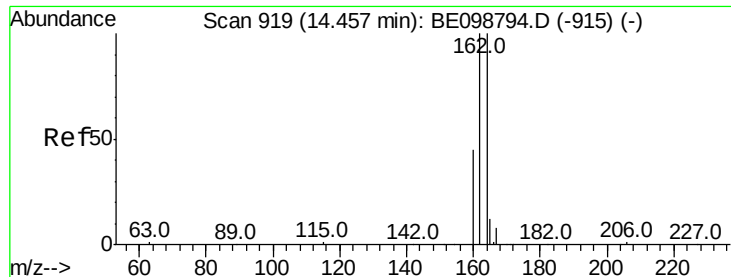
151 18.5 16.5 24.7



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: BE098917.D

Acq: 13 Mar 2019 18:24

Instrument :

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ClientSampleId :

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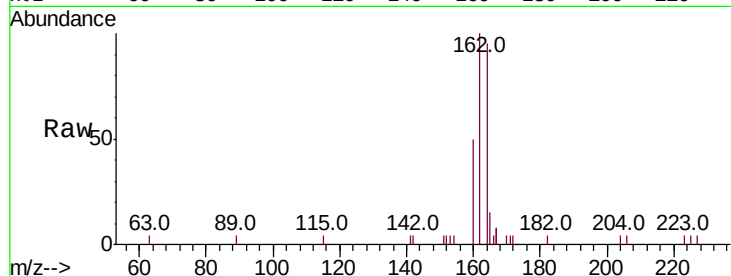
Tot Ion:164 Resp: 2569

Ion Ratio Lower Upper

164 100

162 105.4 80.2 120.2

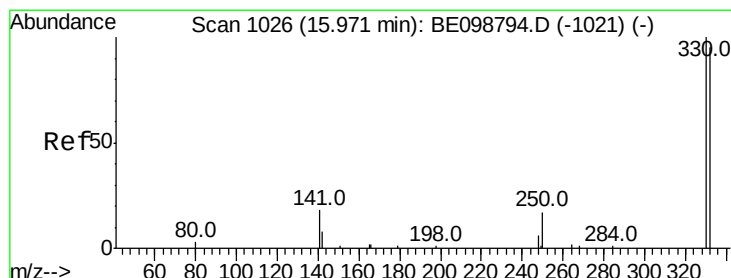
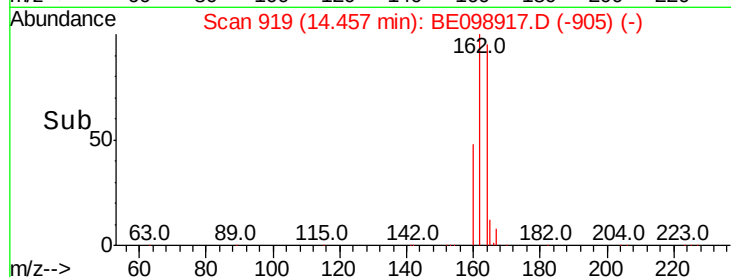
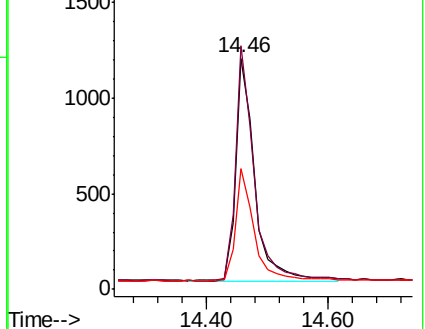
160 52.3 37.8 56.8



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: 0.305 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

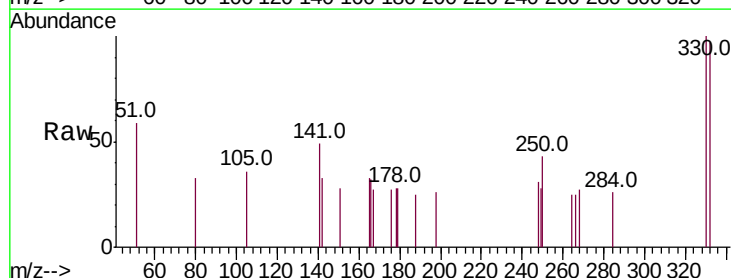
Tgt Ion:330 Resp: 395

Ion Ratio Lower Upper

330 100

332 104.8 77.6 116.4

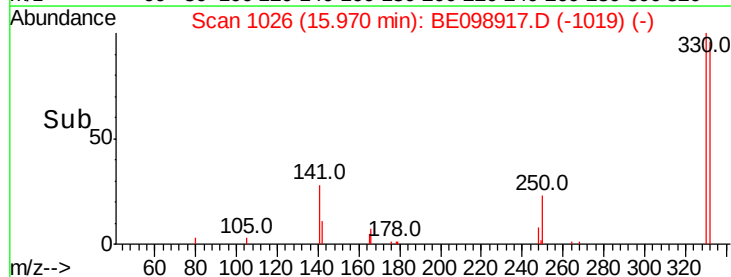
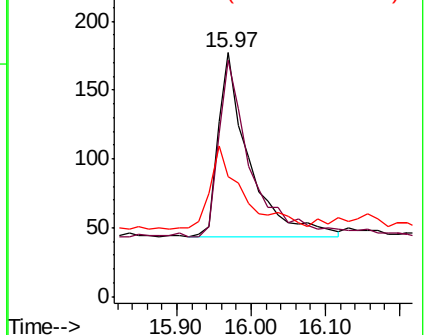
141 44.6 31.0 46.4

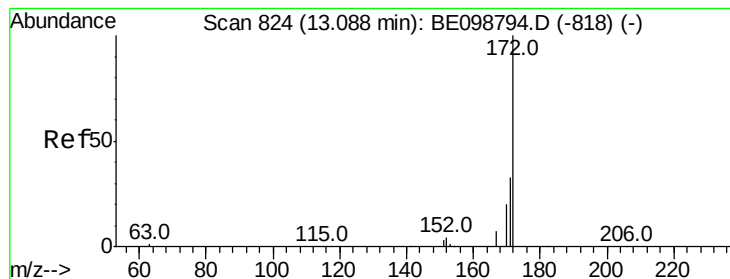


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.549 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098917.D

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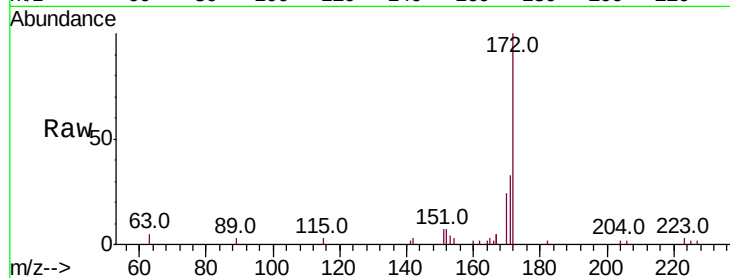
Tot Ion:172 Resp: 5843

Ion Ratio Lower Upper

172 100

171 33.3 28.0 42.0

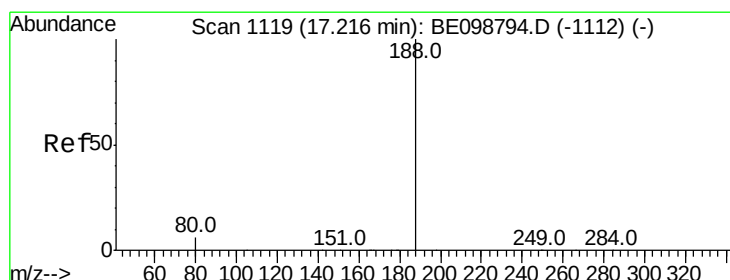
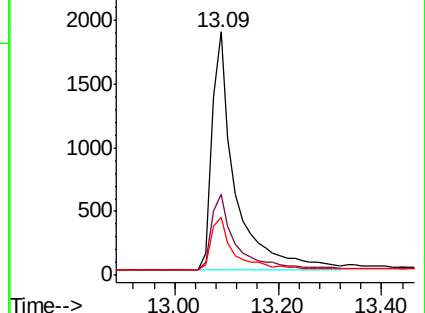
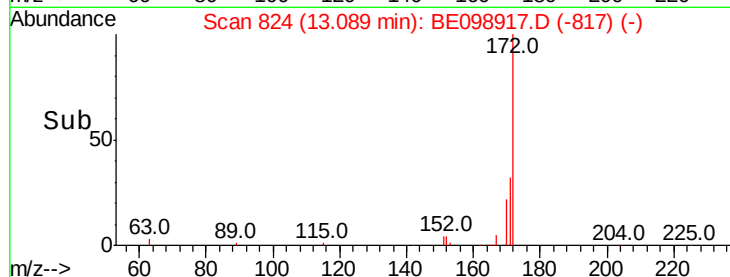
170 23.7 17.7 26.5



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

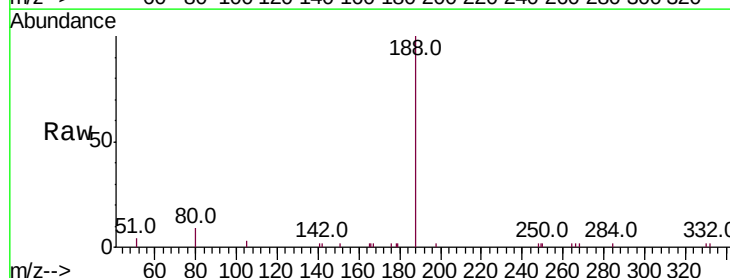
Tgt Ion:188 Resp: 6458

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

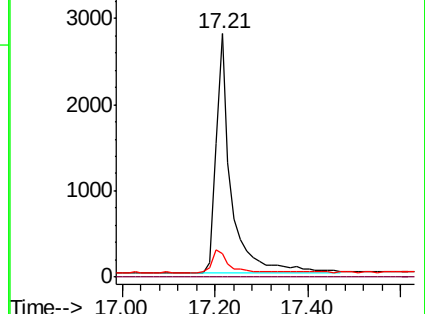
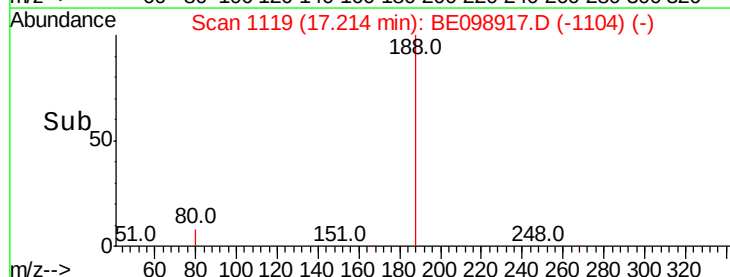
80 9.4 6.3 9.5

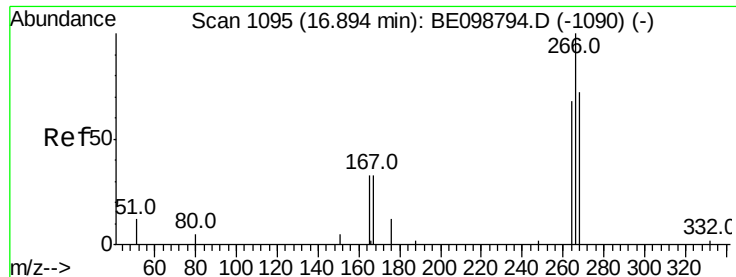


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.286 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

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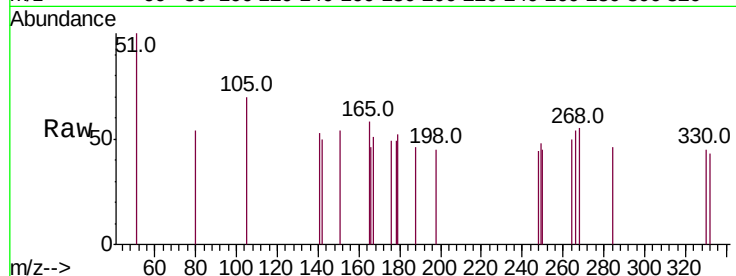
Tot Ion:266 Resp: 30

Ion Ratio Lower Upper

266 100

264 92.7 66.6 100.0

268 101.8 69.8 104.8

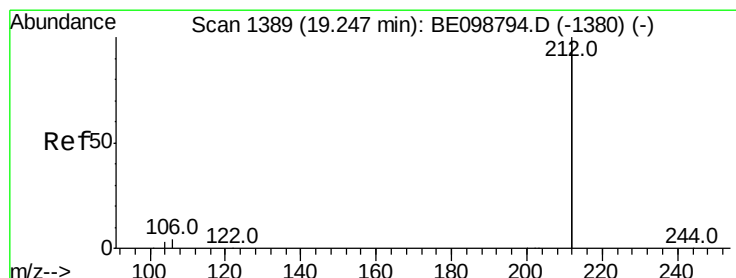
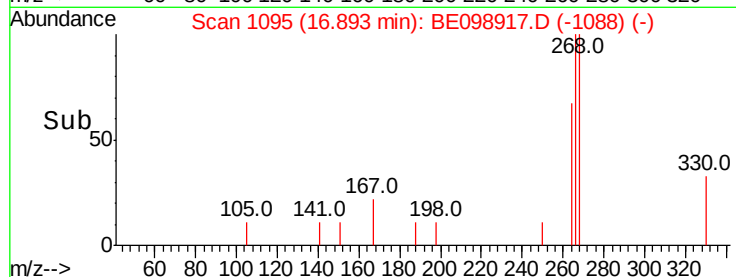
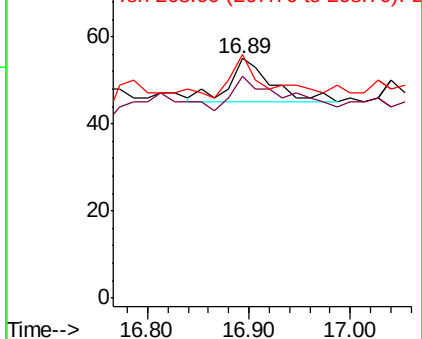


Abundance

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: 0.300 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

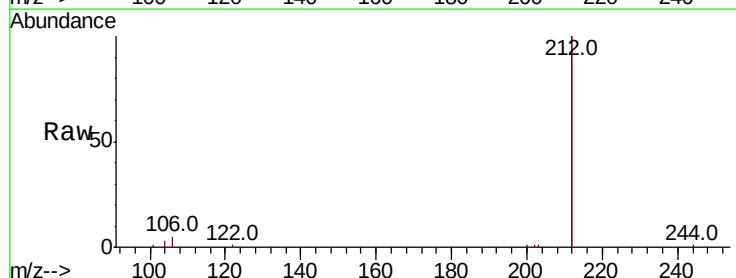
Tgt Ion:212 Resp: 30919

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

104 1.5 1.0 1.6

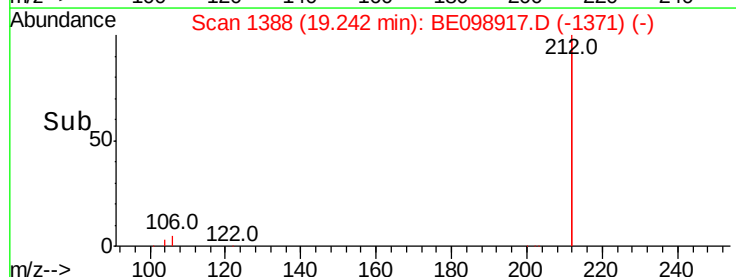
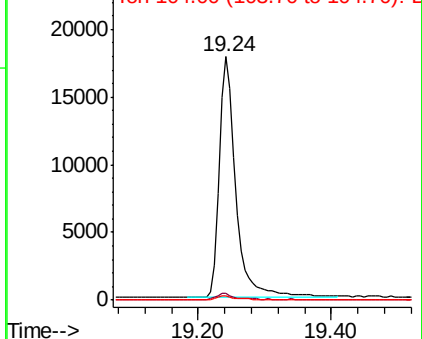


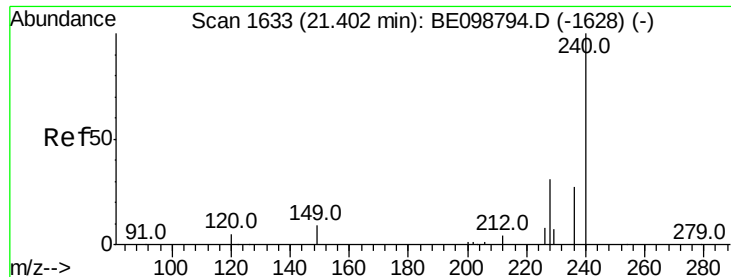
Abundance

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20190310

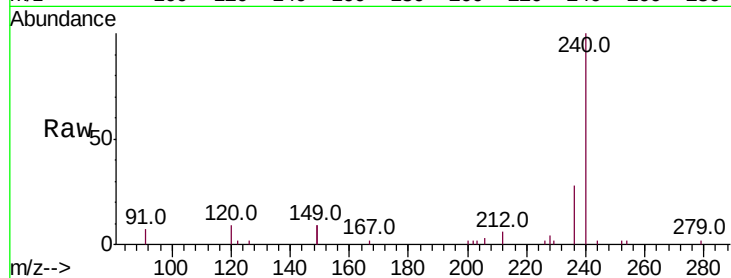
Tot Ion:240 Resp: 7639

Ion Ratio Lower Upper

240 100

120 8.9 5.0 7.4#

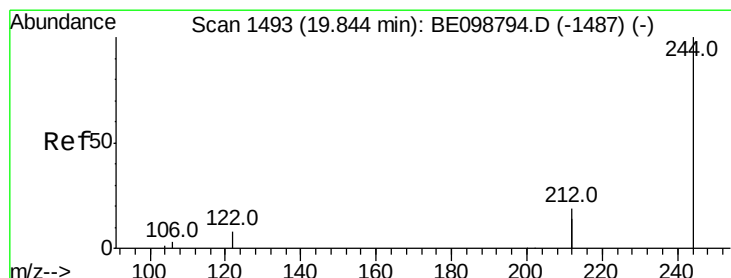
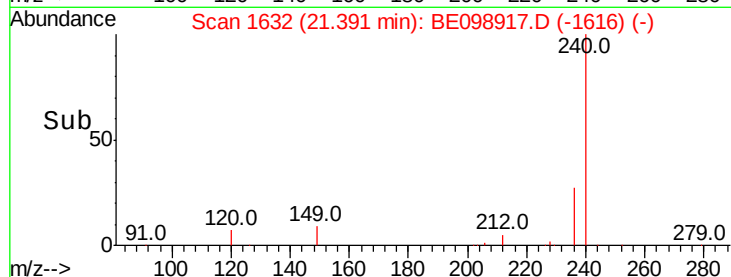
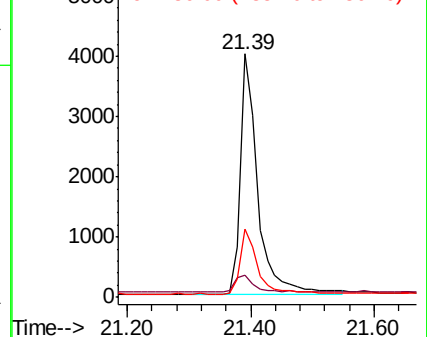
236 28.2 22.7 34.1



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: 0.388 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

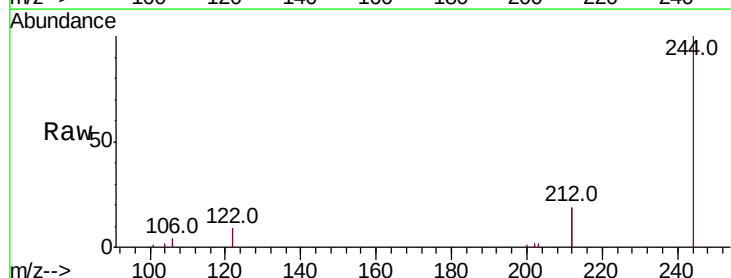
Tgt Ion:244 Resp: 7197

Ion Ratio Lower Upper

244 100

212 37.3 29.4 44.2

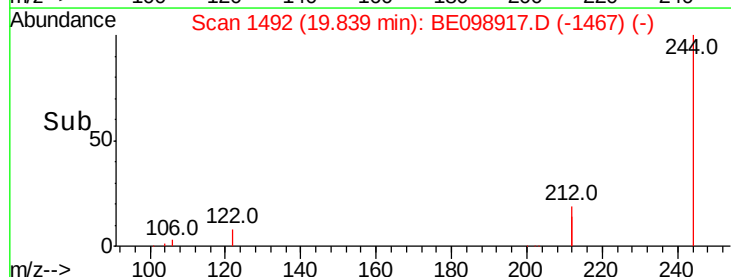
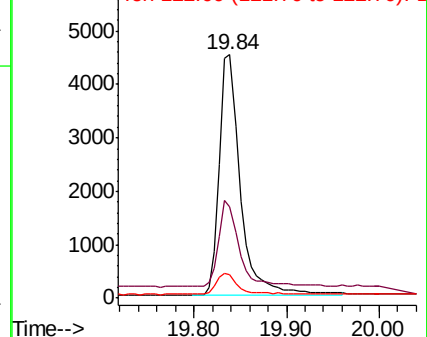
122 9.4 7.1 10.7

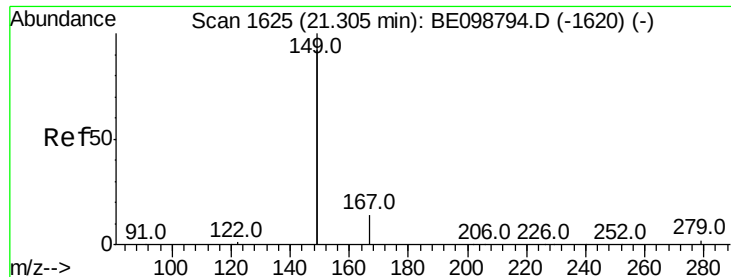


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.054 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20190310

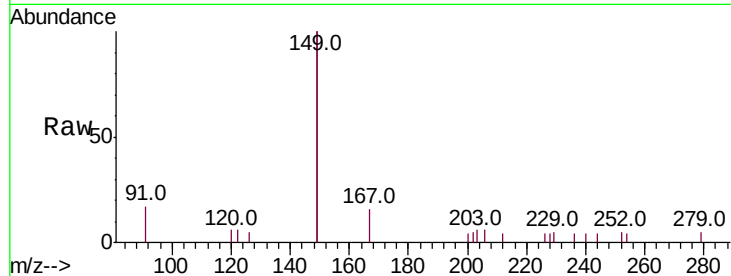
Tot Ion:149 Resp: 2739

Ion Ratio Lower Upper

149 100

167 8.1 5.4 8.0#

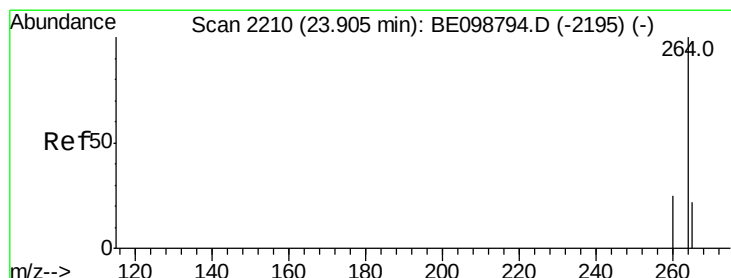
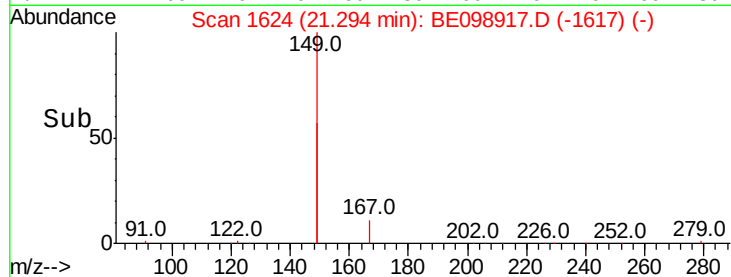
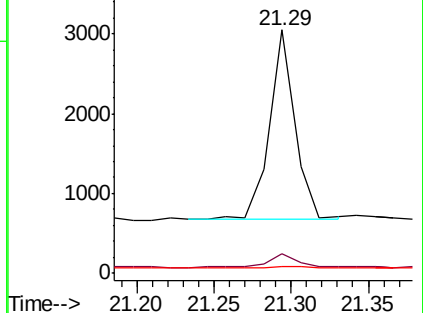
279 1.8 1.0 1.4#



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: 23.89 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BE098917.D

Acq: 13 Mar 2019 18:24

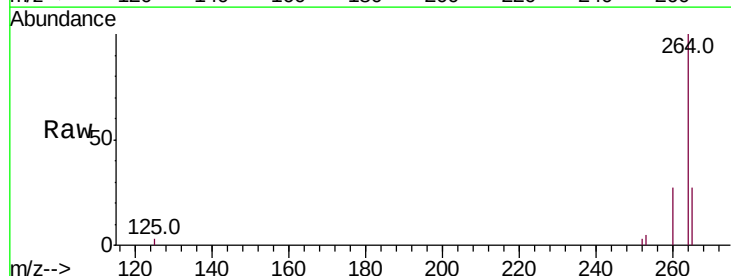
Tgt Ion:264 Resp: 7429

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 26.8 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

