

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099010.D
 Acq On : 18 Mar 2019 20:52
 Operator : JU/SJ
 Sample : K19137-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190314

Quant Time: Mar 19 01:53:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

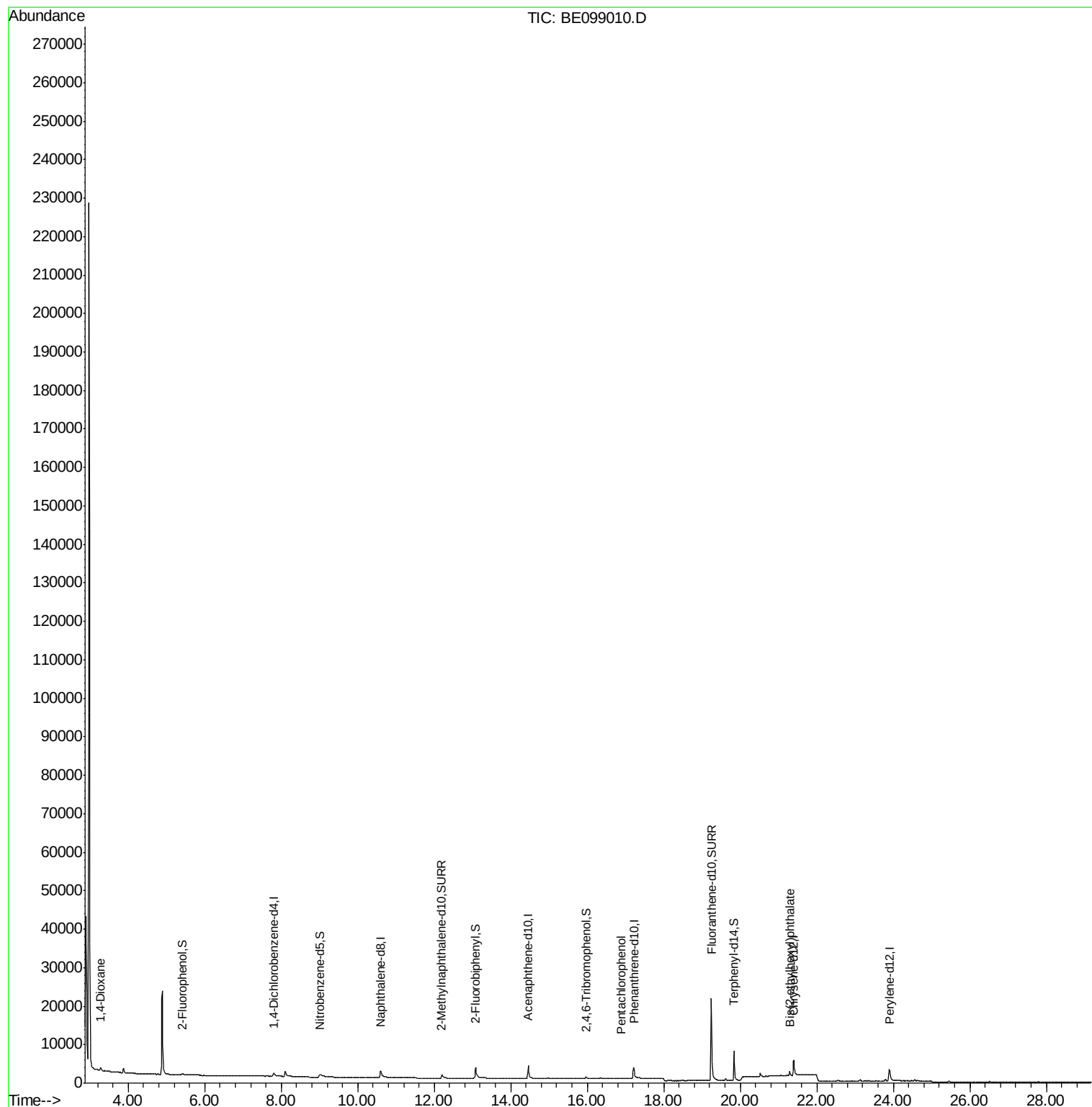
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	757	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3574	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2628	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6597	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7073	0.40	ng	0.00
34) Perylene-d12	23.90	264	6559	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	305	0.13	ng	0.02
5) Phenol-d6	6.94	99	6	0.00	ng	-0.05
8) Nitrobenzene-d5	9.00	82	1133	0.30	ng	0.04
11) 2-Methylnaphthalene-d10	12.19	152	2738	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	479	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5261	0.48	ng	0.00
25) Fluoranthene-d10	19.24	212	38559	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	8942	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	486	0.313	ng	Qvalue # 56
22) Pentachlorophenol	16.89	266	2	0.266	ng	86
32) Bis(2-ethylhexyl)phthalate	21.29	149	1433	0.031	ng	# 98

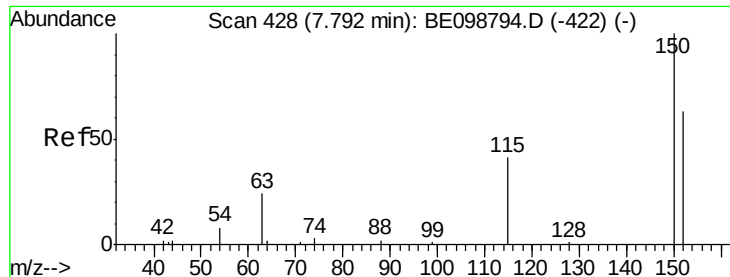
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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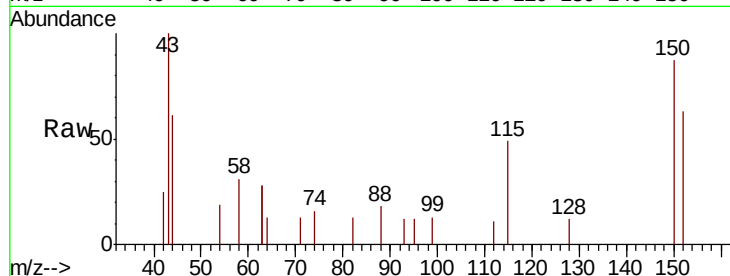


#1

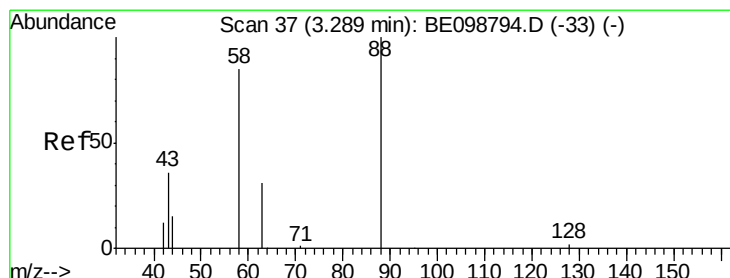
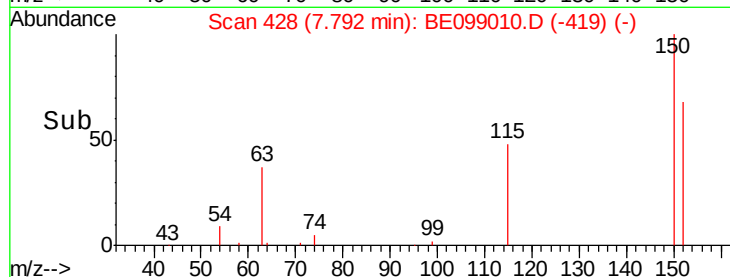
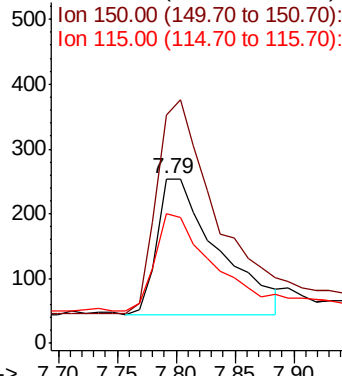
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099010.D
Acq: 18 Mar 2019 20:52

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190314

Tgt Ion: 152 Resp: 757
Ion Ratio Lower Upper
152 100
150 139.0 122.5 183.7
115 78.7 57.4 86.2



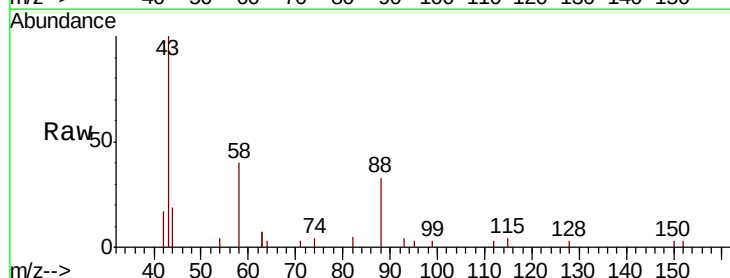
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



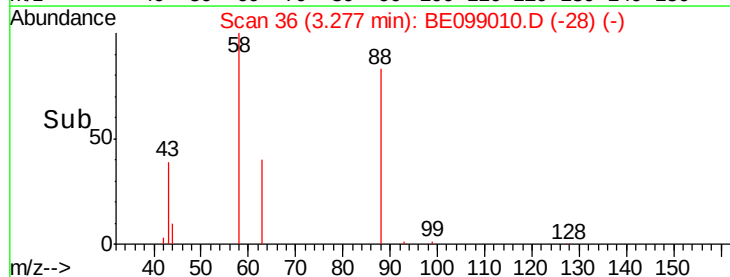
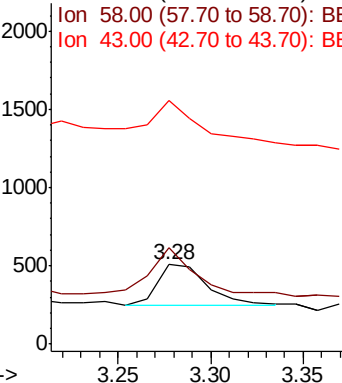
#2

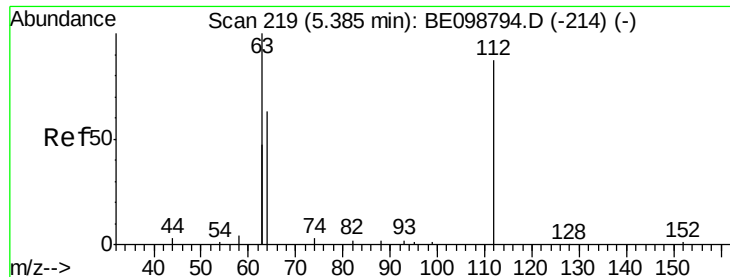
1,4-Dioxane
Concen: 0.313 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099010.D
Acq: 18 Mar 2019 20:52

Tgt Ion: 88 Resp: 486
Ion Ratio Lower Upper
88 100
58 116.3 75.8 113.6#
43 110.3 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: 0.135 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190314

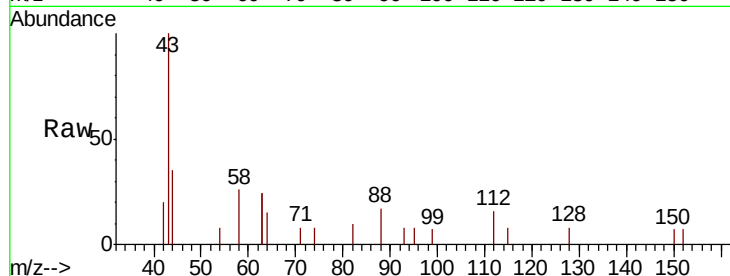
Tgt Ion: 112 Resp: 305

Ion Ratio Lower Upper

112 100

64 117.7 57.9 86.9#

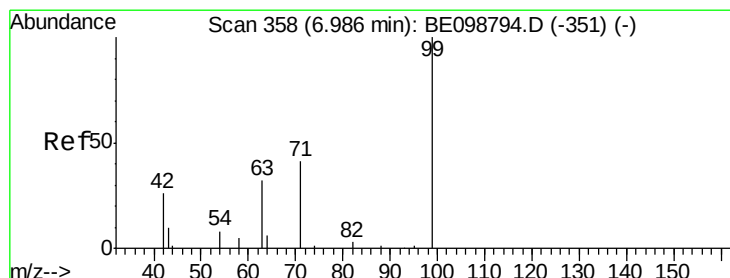
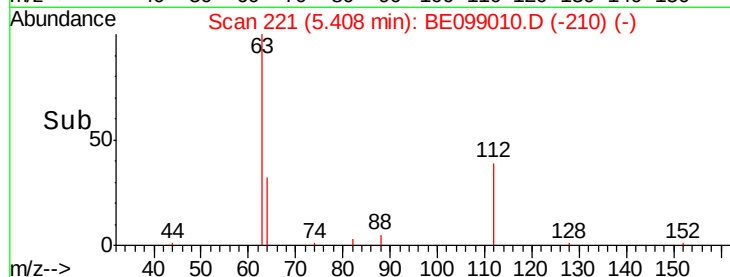
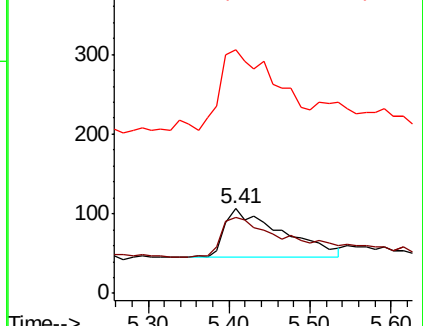
63 163.6 158.3 237.5



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: 6.94 min Scan# 354

Delta R.T. -0.05 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

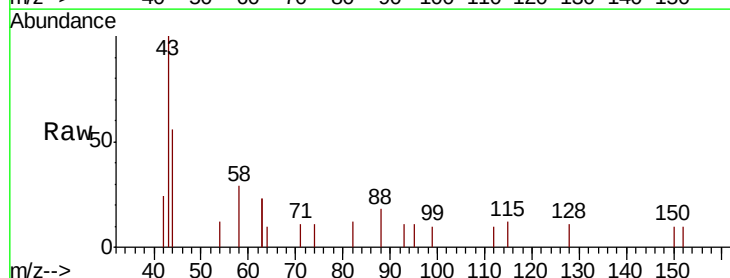
Tgt Ion: 99 Resp: 6

Ion Ratio Lower Upper

99 100

42 483.3 24.2 36.2#

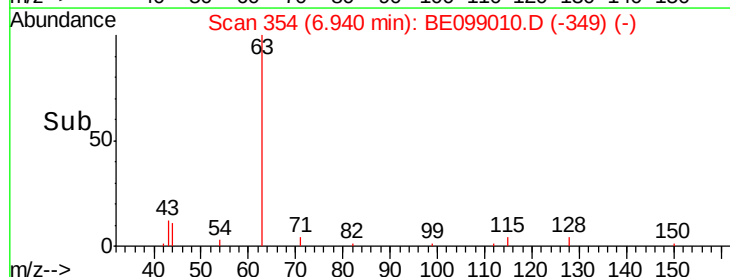
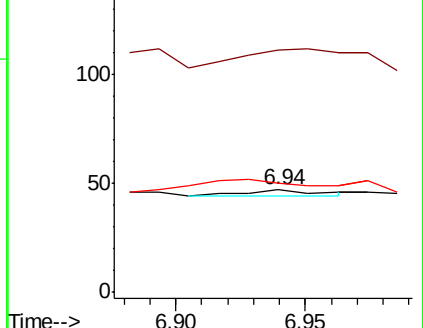
71 0.0 35.7 53.5#

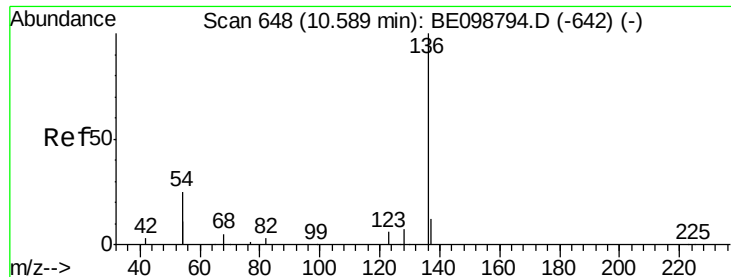


Abundance Ion 99.00 (98.70 to 99.70): BE0

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# 650

Delta R.T. 0.01 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190314

Tgt Ion:136 Resp: 3574

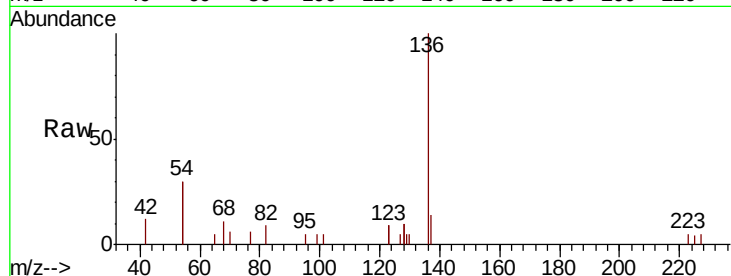
Ion Ratio Lower Upper

136 100

137 14.4 11.4 17.0

54 60.3 39.3 58.9#

68 10.7 6.7 10.1#



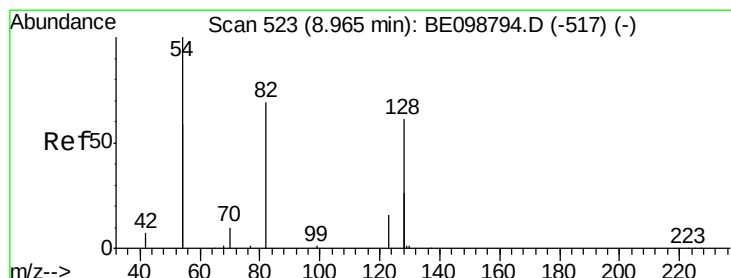
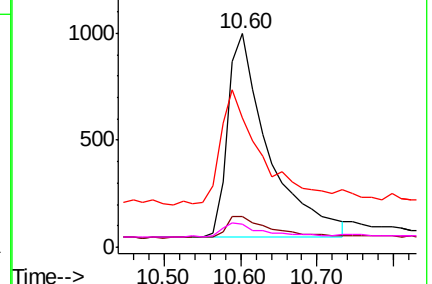
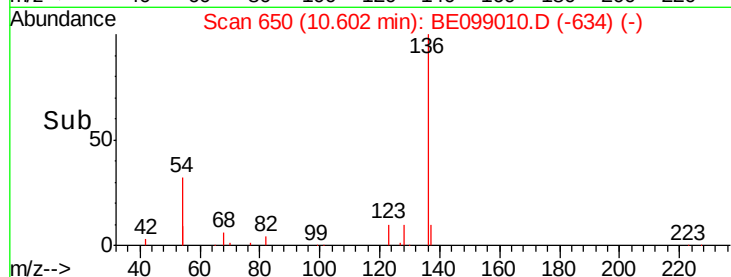
Abundance

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: 0.302 ng

RT: 9.00 min Scan# 527

Delta R.T. 0.04 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

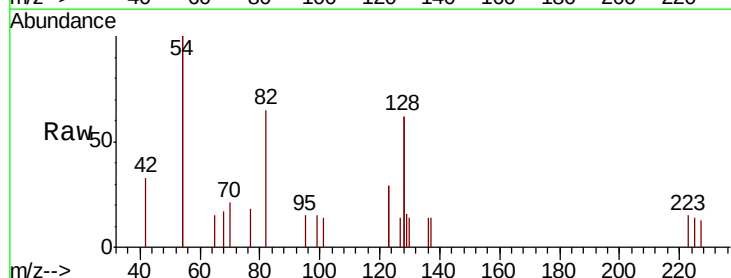
Tgt Ion: 82 Resp: 1133

Ion Ratio Lower Upper

82 100

128 191.4 123.8 185.8#

54 307.2 203.4 305.2#

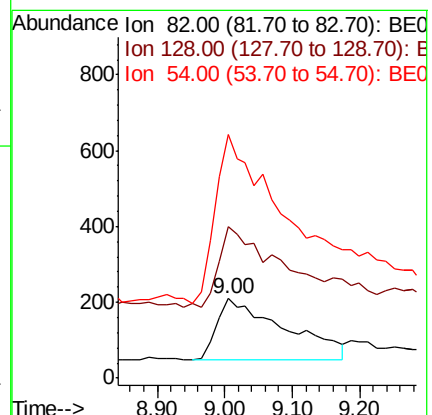
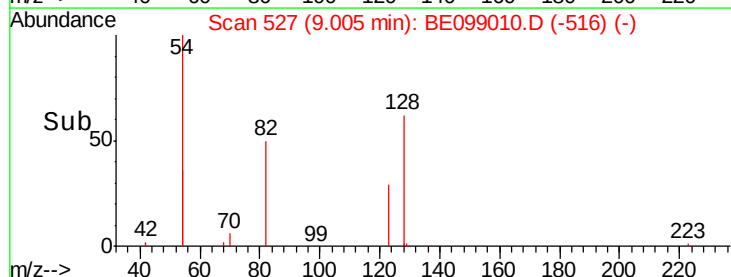


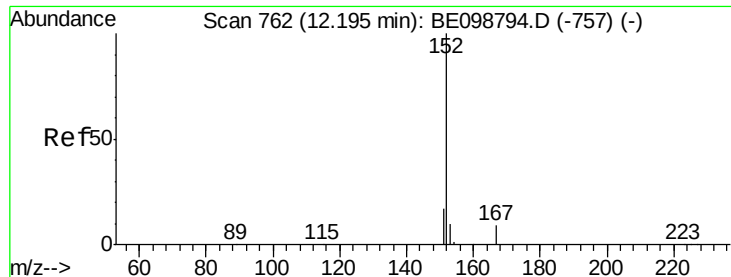
Abundance

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: 0.414 ng

RT: 12.19 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Instrument :

BNA_E

ClientSampleId :

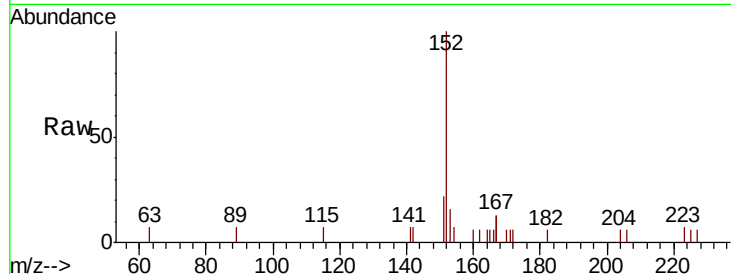
BP-MH-SW4001-SOUTH-20190314

Tgt Ion:152 Resp: 2738

Ion Ratio Lower Upper

152 100

151 18.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19

800

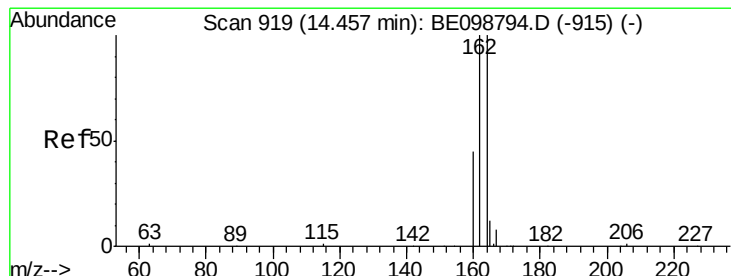
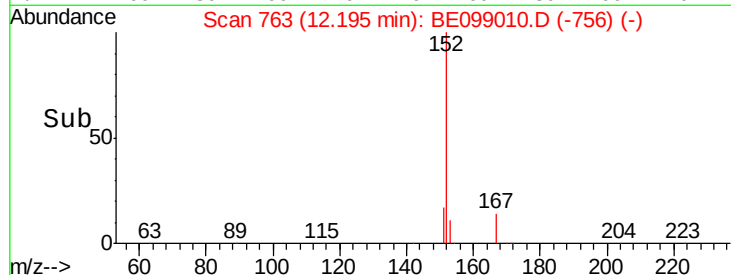
600

400

200

0

Time--> 12.00 12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

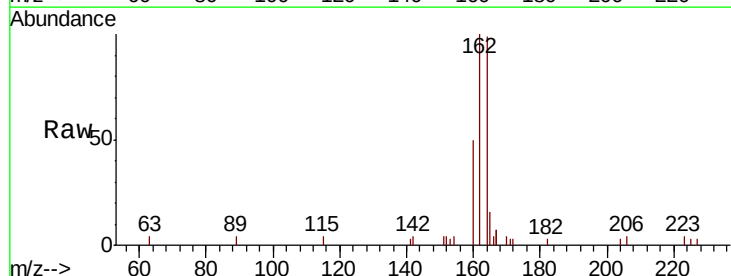
Tgt Ion:164 Resp: 2628

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

160 50.1 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

14.46

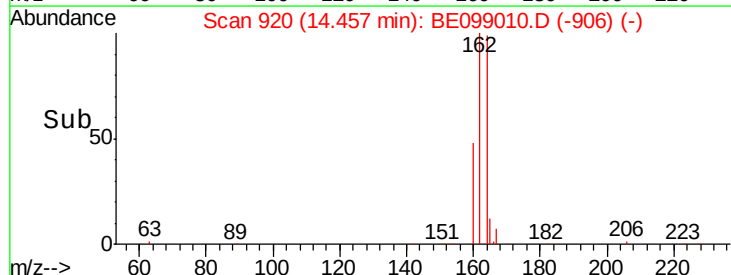
1500

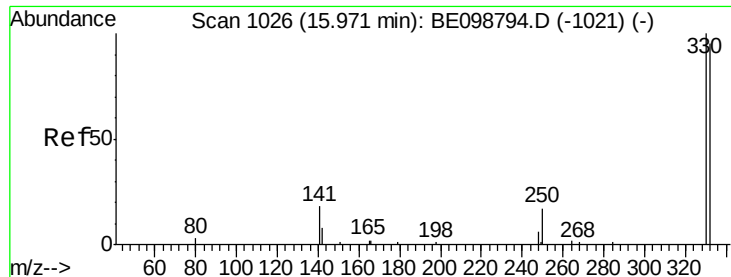
1000

500

0

Time--> 14.30 14.40 14.50 14.60





#14

2,4,6-Tribromophenol

Concen: 0.361 ng

RT: 15.97 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190314

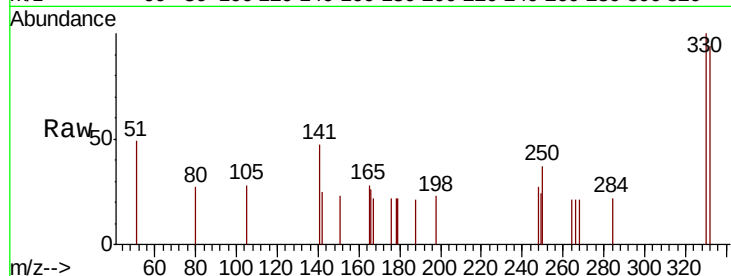
Tgt Ion:330 Resp: 479

Ion Ratio Lower Upper

330 100

332 99.6 77.6 116.4

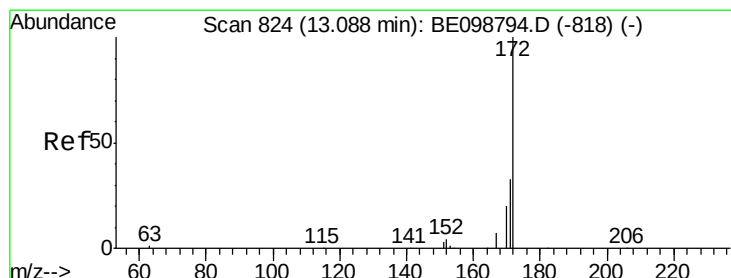
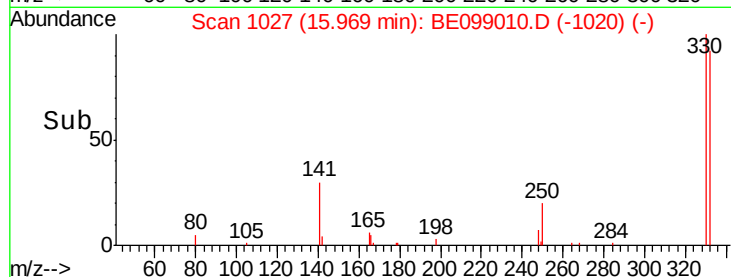
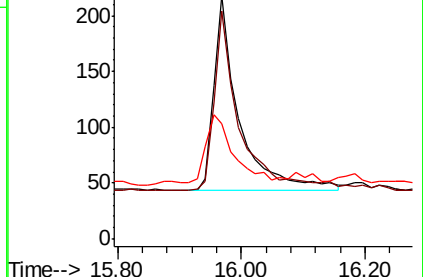
141 40.3 31.0 46.4



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: 0.484 ng

RT: 13.09 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

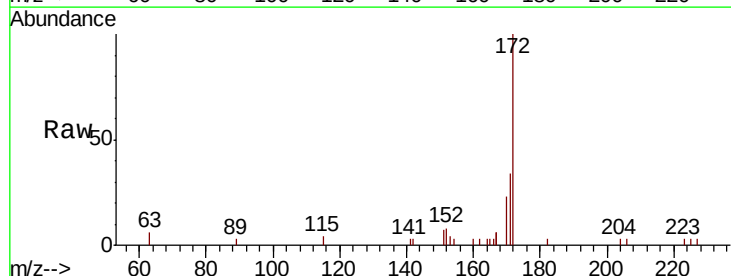
Tgt Ion:172 Resp: 5261

Ion Ratio Lower Upper

172 100

171 34.1 28.0 42.0

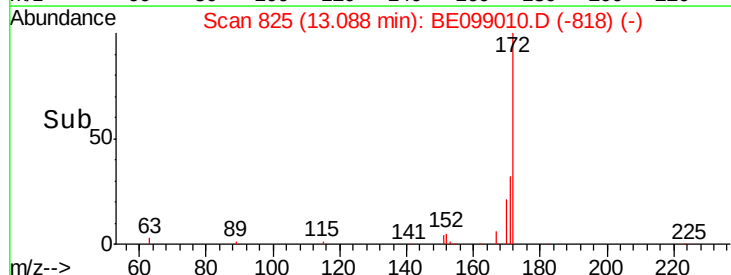
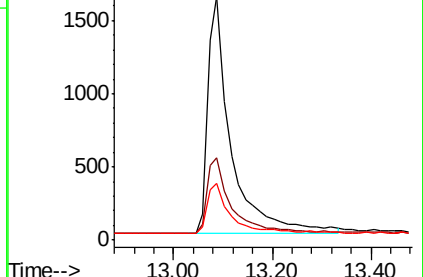
170 23.2 17.7 26.5

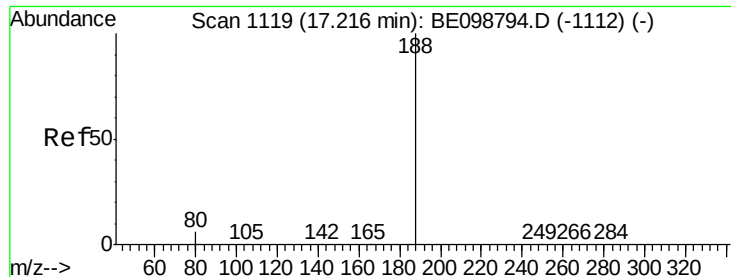


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.21 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

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BP-MH-SW4001-SOUTH-20190314

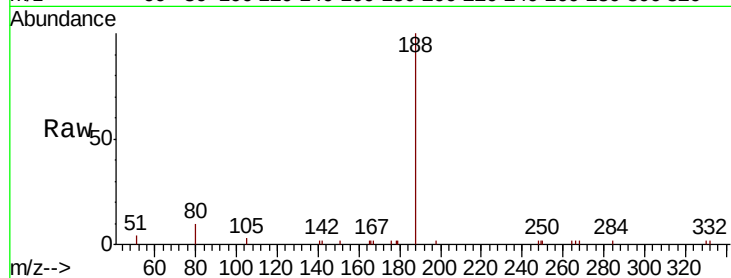
Tgt Ion:188 Resp: 6597

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

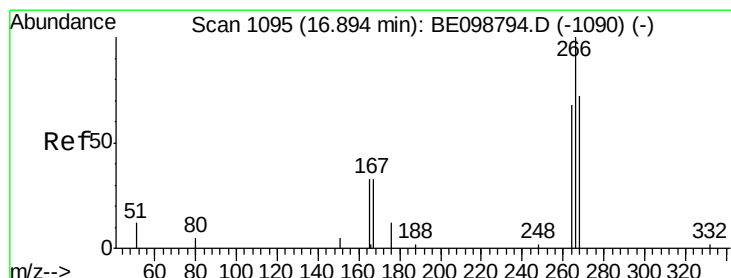
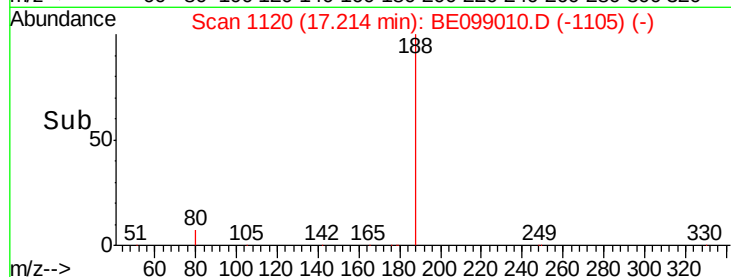
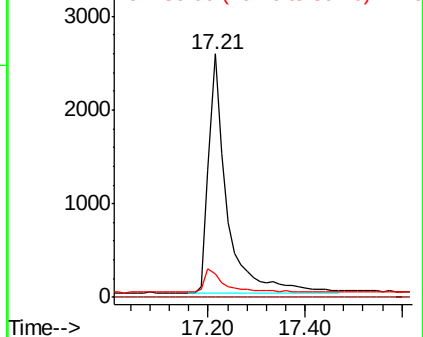
80 9.5 6.3 9.5#



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: 0.266 ng

RT: 16.89 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

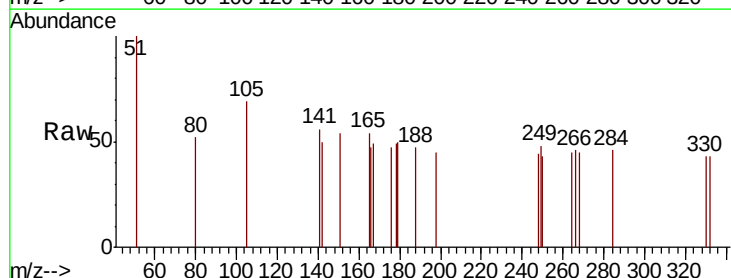
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 97.9 66.6 100.0

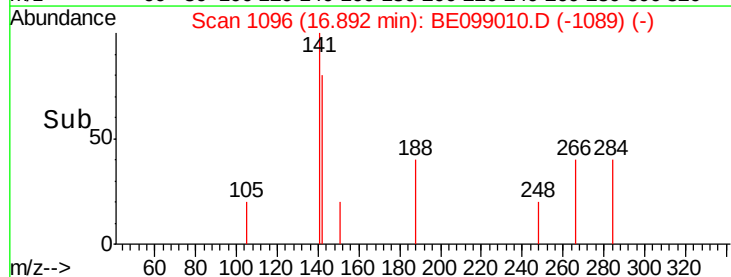
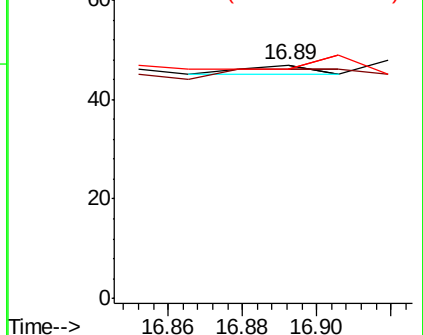
268 97.9 69.8 104.8

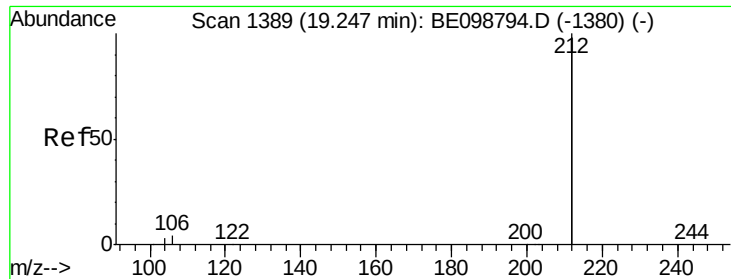


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.24 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

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BP-MH-SW4001-SOUTH-20190314

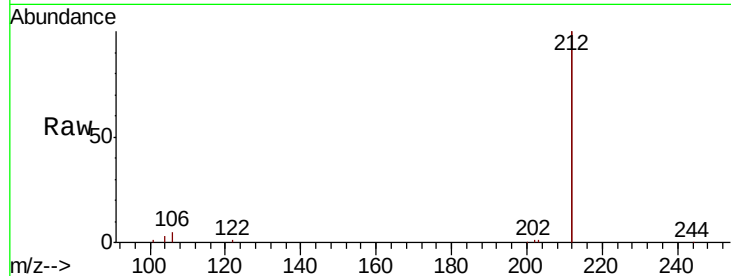
Tgt Ion:212 Resp: 38559

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

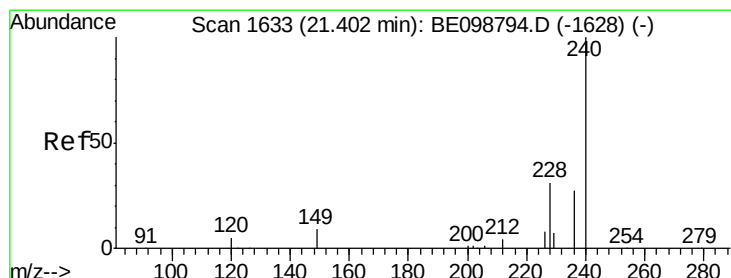
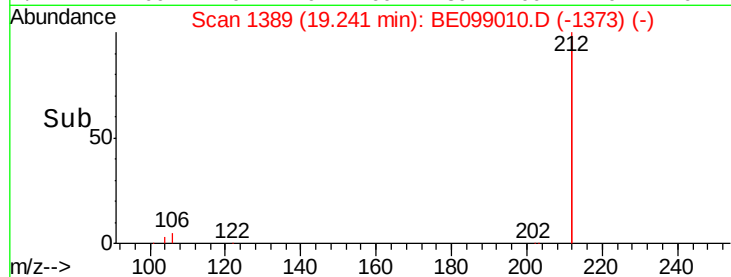
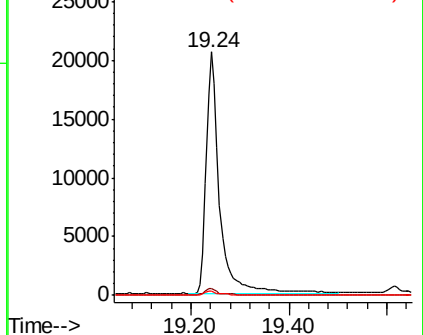
104 1.4 1.0 1.6



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# 1634

Delta R.T. 0.00 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

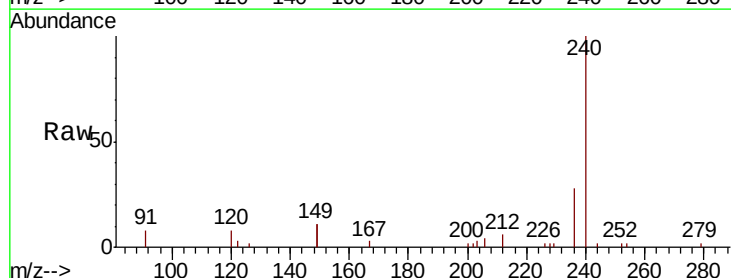
Tgt Ion:240 Resp: 7073

Ion Ratio Lower Upper

240 100

120 8.4 5.0 7.4#

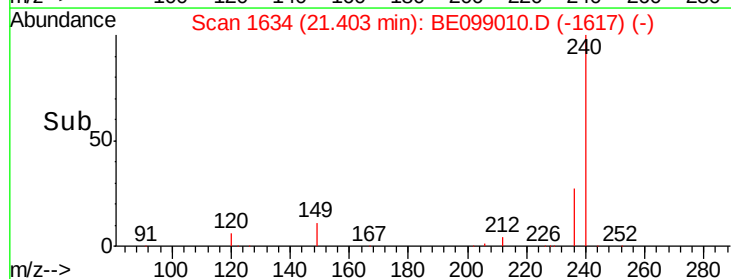
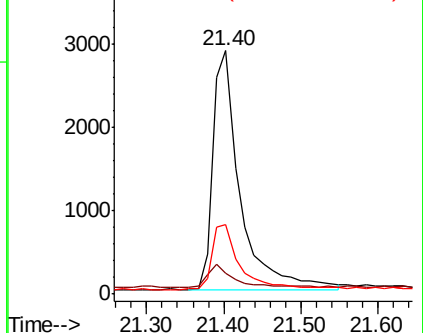
236 28.3 22.7 34.1

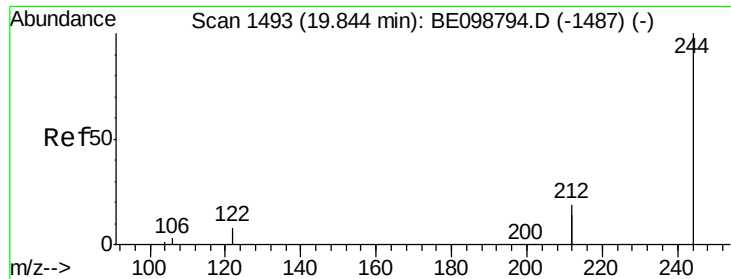


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.520 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190314

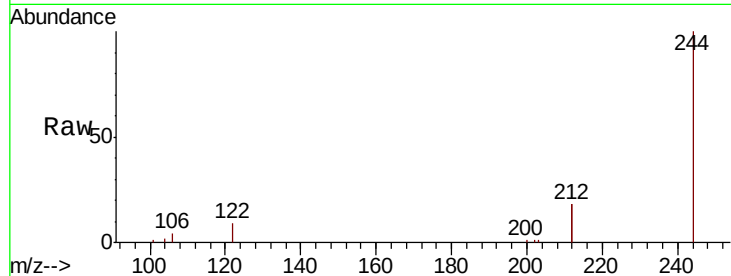
Tgt Ion:244 Resp: 8942

Ion Ratio Lower Upper

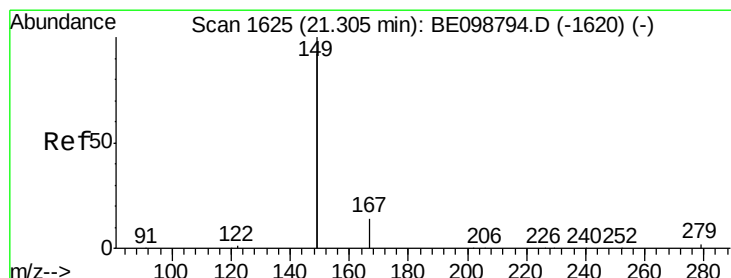
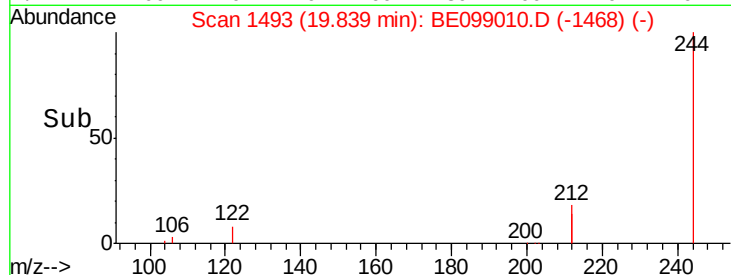
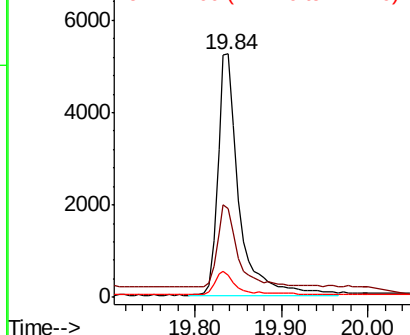
244 100

212 36.5 29.4 44.2

122 9.2 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: 0.031 ng

RT: 21.29 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

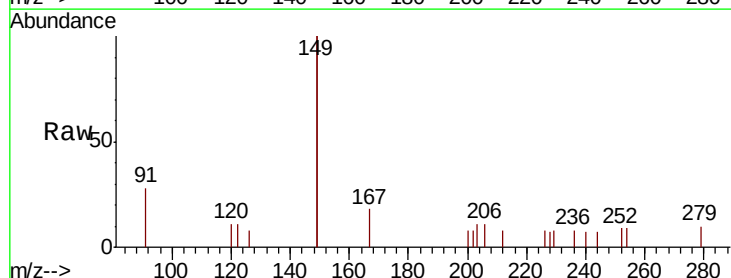
Tgt Ion:149 Resp: 1433

Ion Ratio Lower Upper

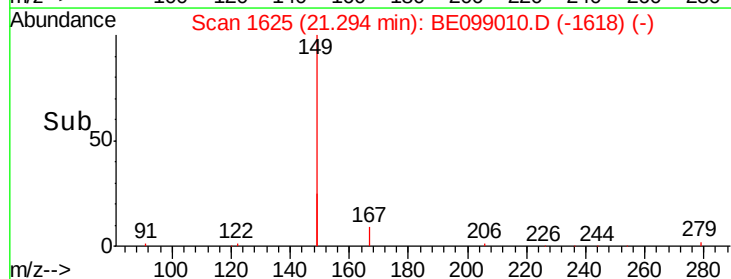
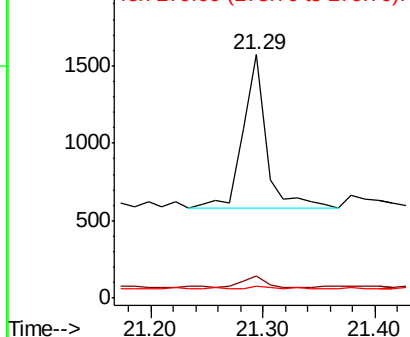
149 100

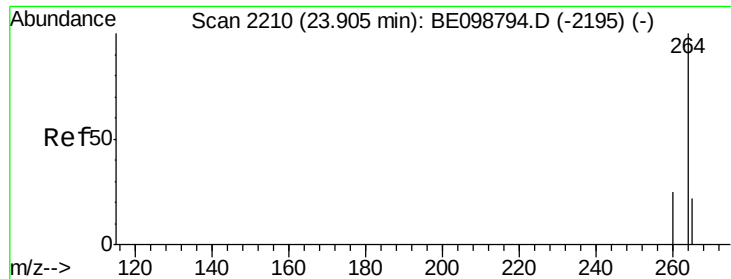
167 7.1 5.4 8.0

279 3.1 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: BE099010.D
Acq: 18 Mar 2019 20:52

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190314

Tgt Ion: 264 Resp: 6559
Ion Ratio Lower Upper
264 100
260 24.7 21.2 31.8
265 29.8 24.6 36.8

