

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099040.D
 Acq On : 19 Mar 2019 18:03
 Operator : JU/SJ
 Sample : K1963-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-EB02-20190314

Quant Time: Mar 20 05:11:42 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

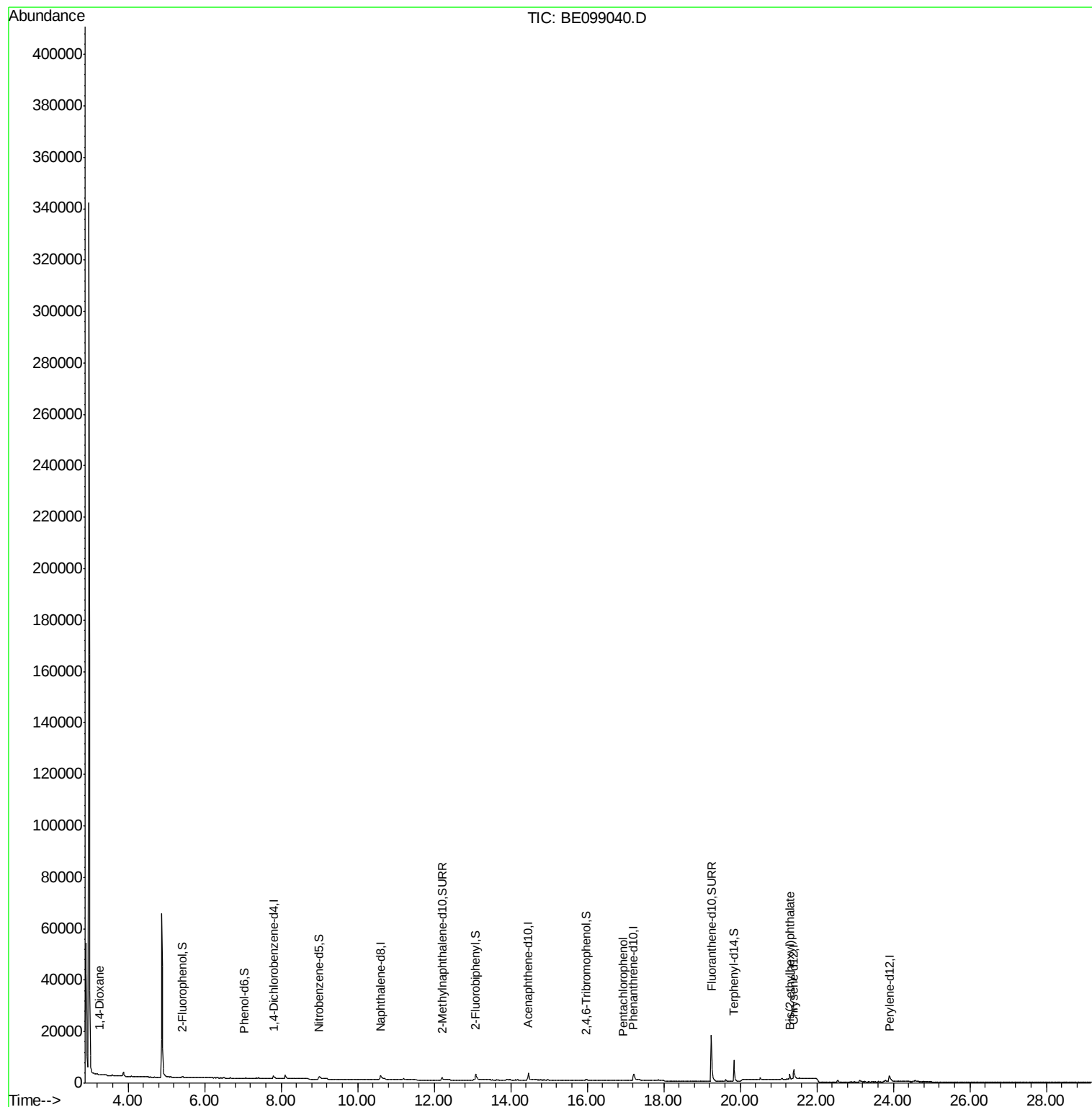
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	734	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3316	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2343	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5357	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6281	0.40	ng	0.00
34) Perylene-d12	23.90	264	5645	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	331	0.15	ng	0.04
5) Phenol-d6	7.04	99	260	0.08	ng	0.06
8) Nitrobenzene-d5	8.99	82	1285	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	2457	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	444	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4424	0.46	ng	0.00
25) Fluoranthene-d10	19.24	212	33896	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	9035	0.59	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.24	88	148	0.027	ng	Qvalue # 11
22) Pentachlorophenol	16.93	266	13	0.276	ng	88
32) Bis(2-ethylhexyl)phthalate	21.29	149	2072	0.050	ng	97

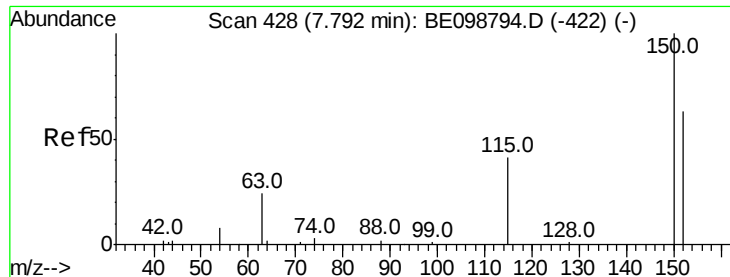
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099040.D

Acq: 19 Mar 2019 18:03

Instrument :

BNA_E

ClientSampleId :

BP-EB02-20190314

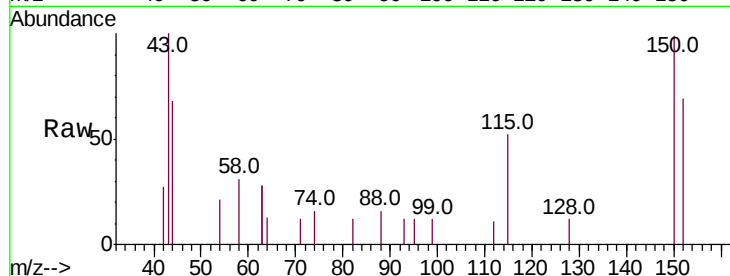
Tot Ion:152 Resp: 734

Ion Ratio Lower Upper

152 100

150 143.5 122.5 183.7

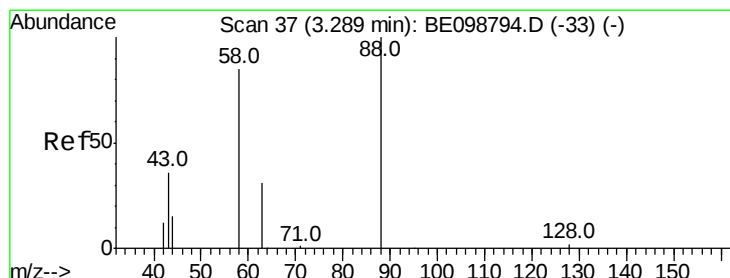
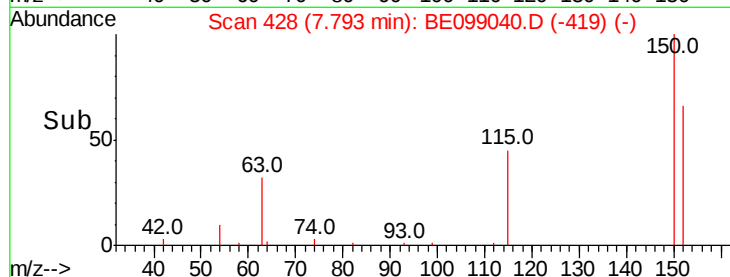
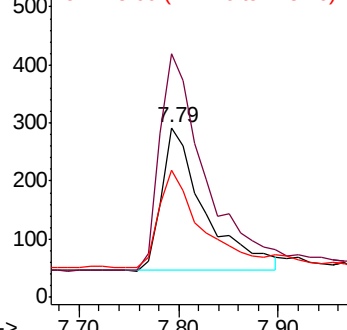
115 75.0 57.4 86.2



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: 0.027 ng

RT: 3.24 min Scan# 33

Delta R.T. -0.04 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

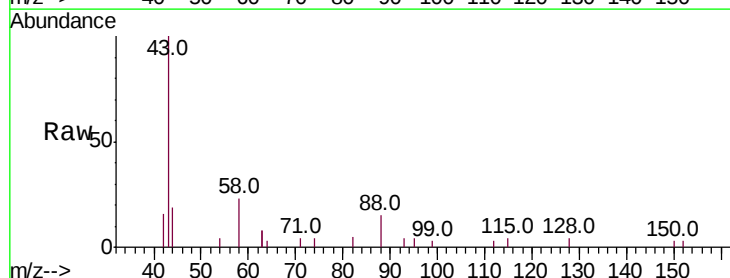
Tgt Ion: 88 Resp: 148

Ion Ratio Lower Upper

88 100

58 0.0 75.8 113.6#

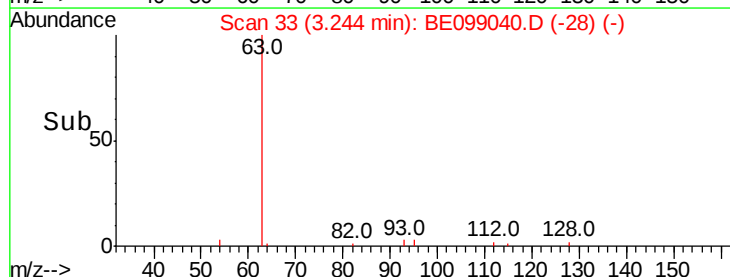
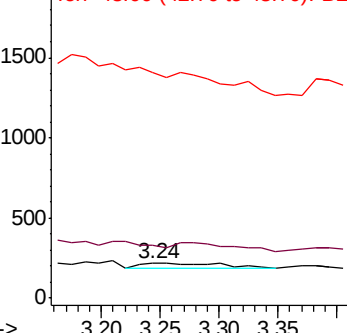
43 0.0 41.8 62.8#

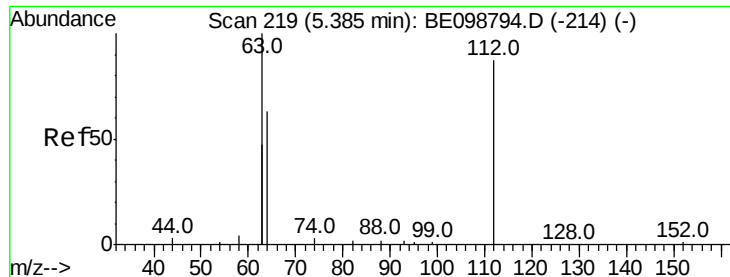


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.151 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

Instrument :

BNA_E

ClientSampleId :

BP-EB02-20190314

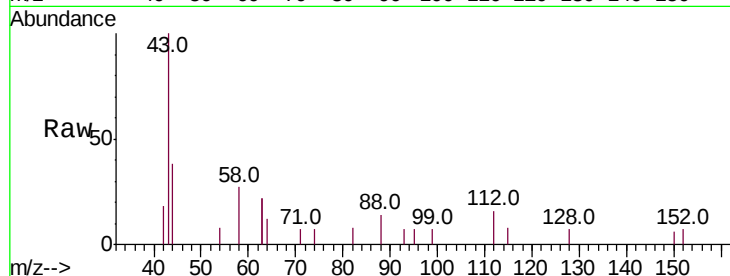
Tot Ion:112 Resp: 331

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

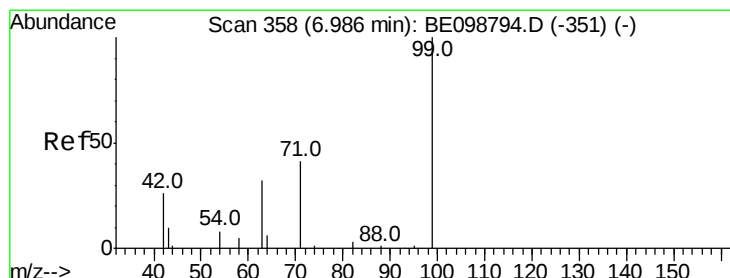
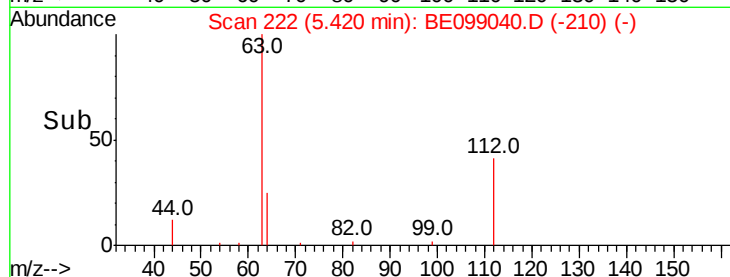
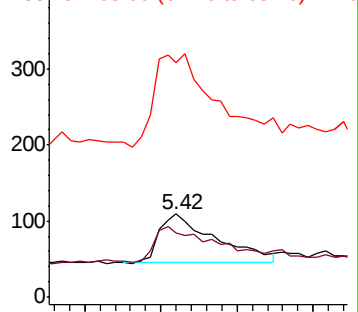
63 217.8 158.3 237.5



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: 0.084 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

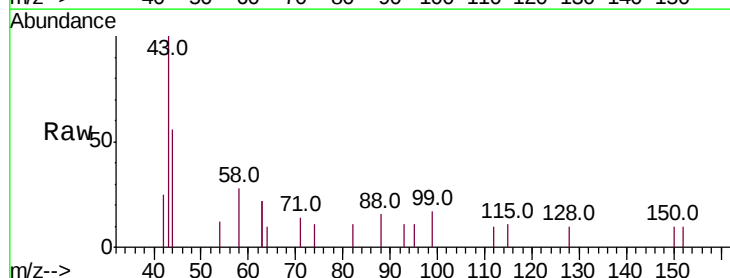
Tgt Ion: 99 Resp: 260

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

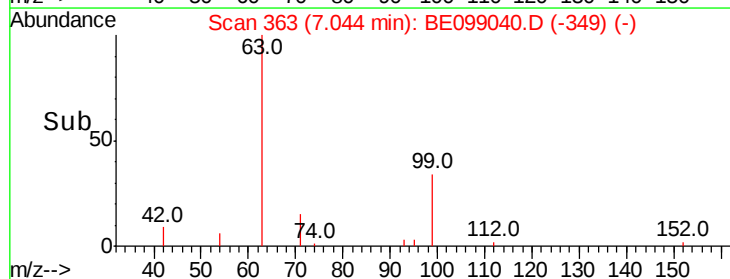
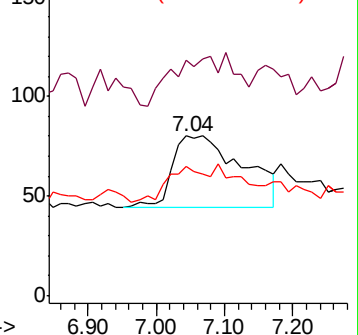
71 26.9 35.7 53.5#

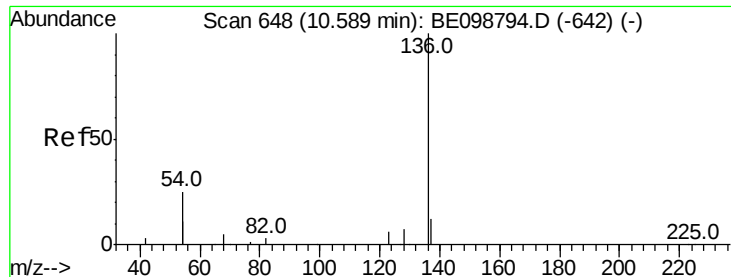


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099040.D

Acq: 19 Mar 2019 18:03

Instrument :

BNA_E

ClientSampleId :

BP-EB02-20190314

Tot Ion:136 Resp: 3316

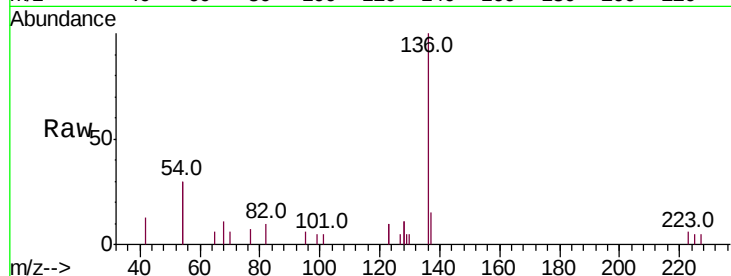
Ion Ratio Lower Upper

136 100

137 15.4 11.4 17.0

54 60.6 39.3 58.9#

68 11.1 6.7 10.1#



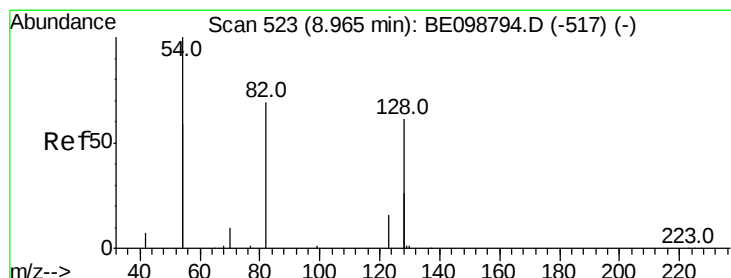
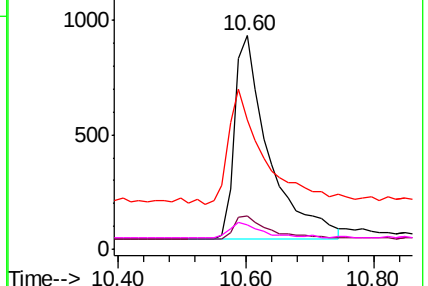
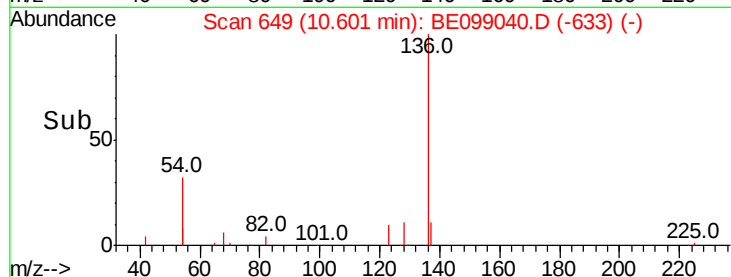
Abundance

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: 0.370 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

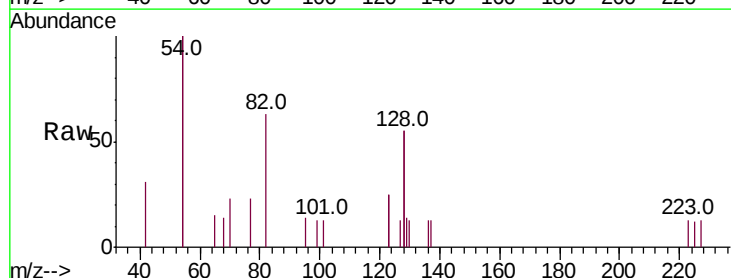
Tgt Ion: 82 Resp: 1285

Ion Ratio Lower Upper

82 100

128 172.7 123.8 185.8

54 316.3 203.4 305.2#

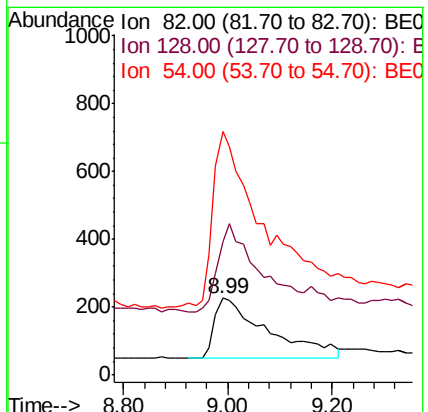
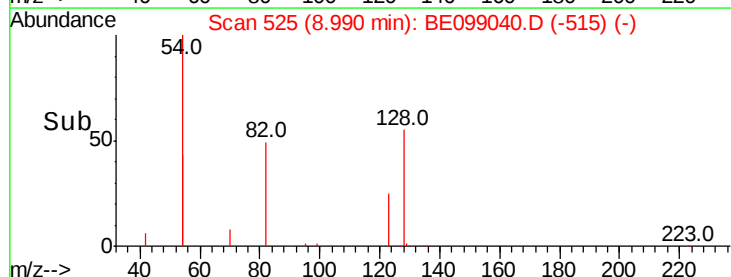


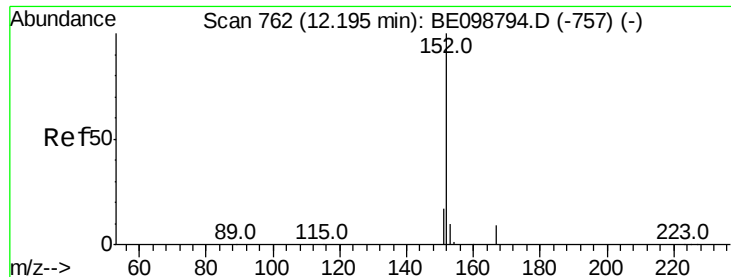
Abundance

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: 0.401 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

Instrument :

BNA_E

ClientSampleId :

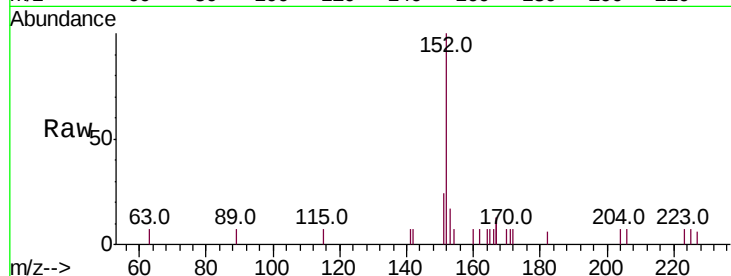
BP-EB02-20190314

Tot Ion:152 Resp: 2457

Ion Ratio Lower Upper

152 100

151 19.3 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

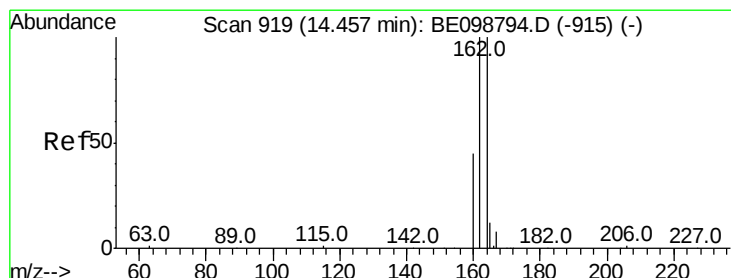
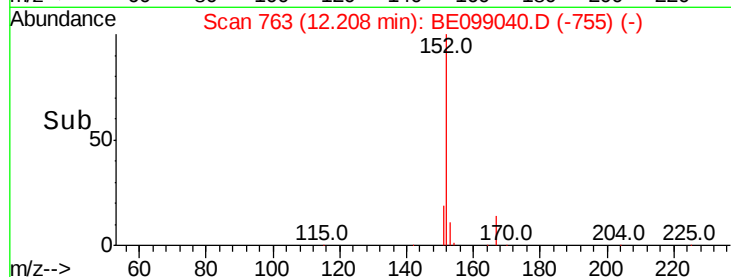
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

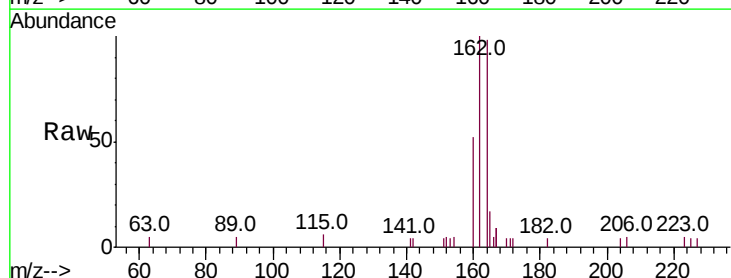
Tgt Ion:164 Resp: 2343

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

160 52.4 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

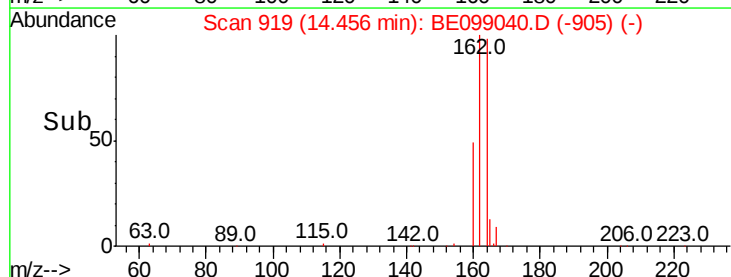
14.46

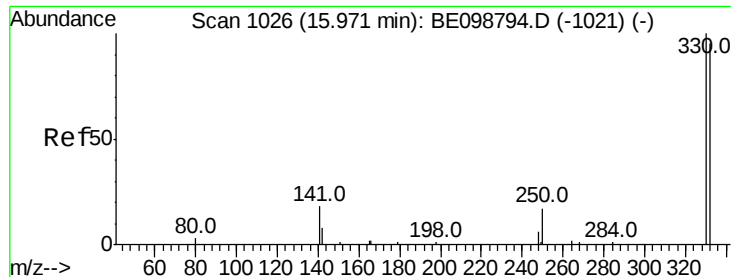
1000

500

0

Time-->

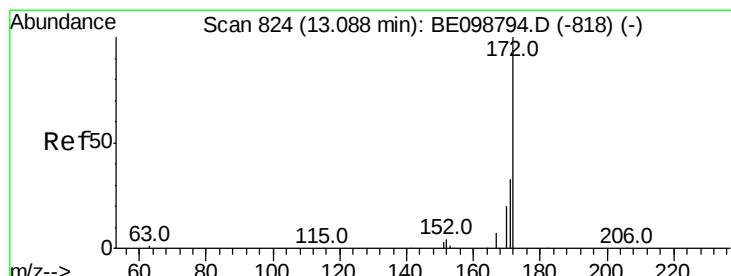
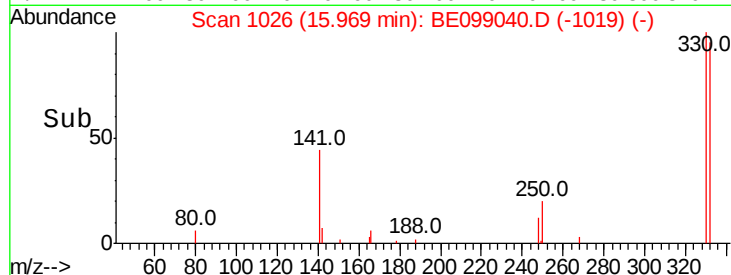
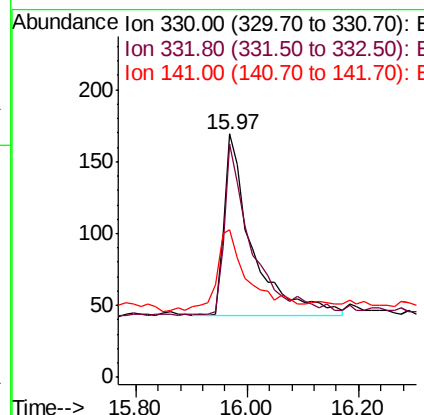
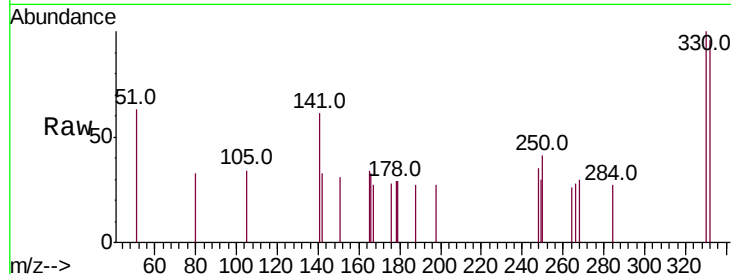




#14
 2,4,6-Tribromophenol
 Concen: 0.375 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099040.D
 Acq: 19 Mar 2019 18:03

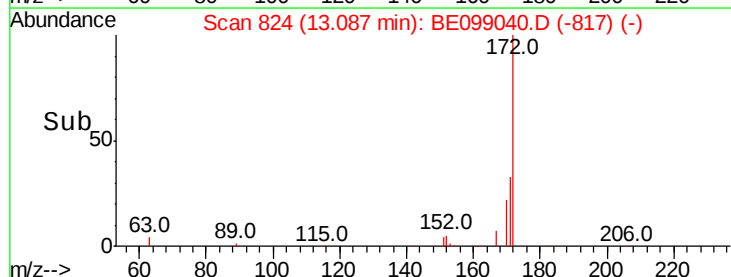
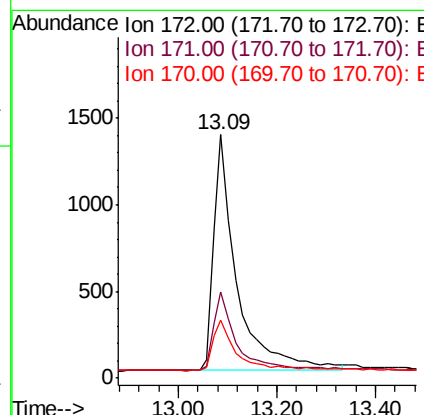
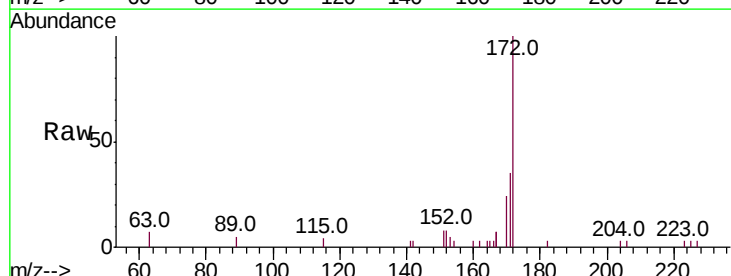
Instrument :
 BNA_E
 ClientSampleId :
 BP-EB02-20190314

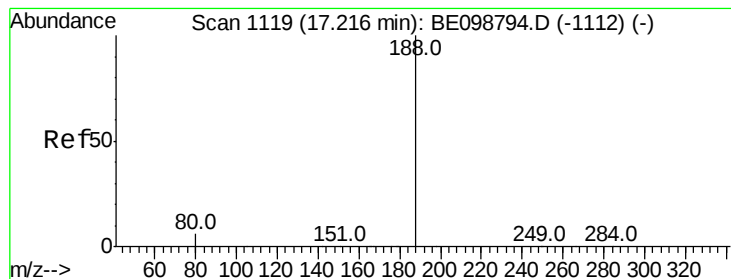
Tot Ion:330 Resp: 444
 Ion Ratio Lower Upper
 330 100
 332 91.4 77.6 116.4
 141 43.2 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.456 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099040.D
 Acq: 19 Mar 2019 18:03

Tgt Ion:172 Resp: 4424
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.0 42.0
 170 24.0 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: BE099040.D

Acq: 19 Mar 2019 18:03

Instrument :

BNA_E

ClientSampleId :

BP-EB02-20190314

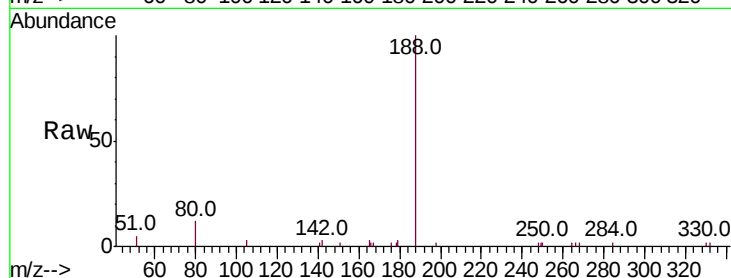
Tot Ion:188 Resp: 5357

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

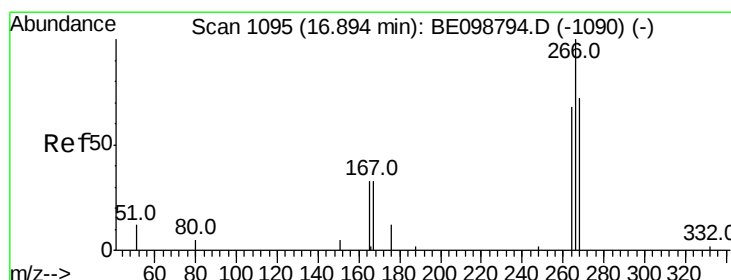
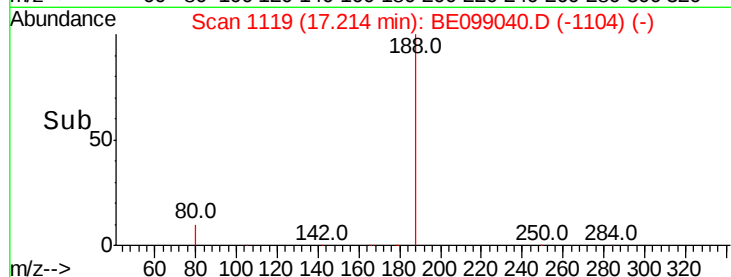
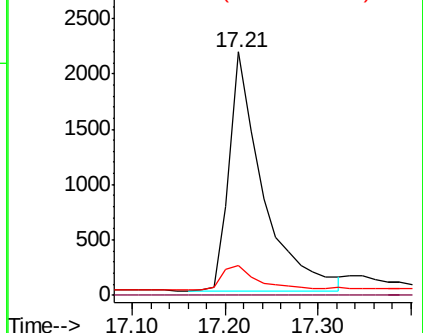
80 12.4 6.3 9.5#



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: 0.276 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

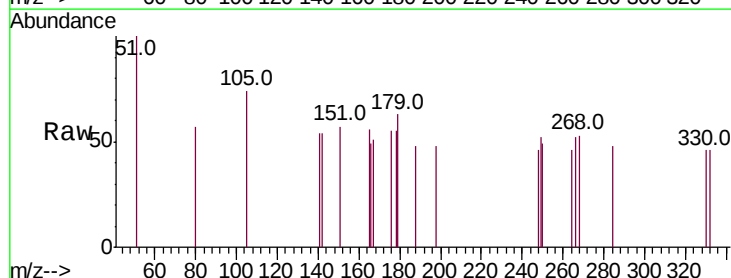
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 89.6 66.6 100.0

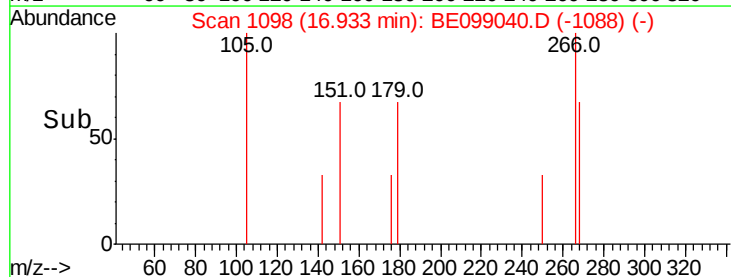
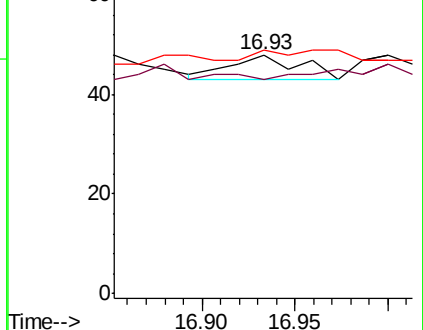
268 102.1 69.8 104.8

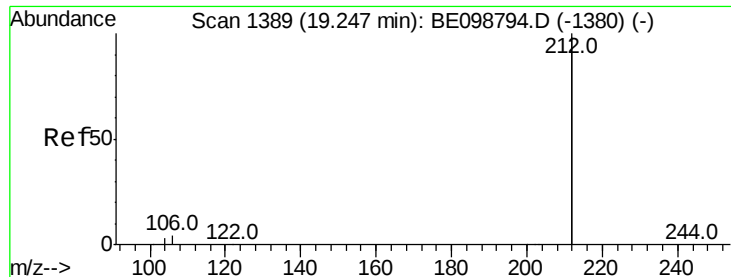


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

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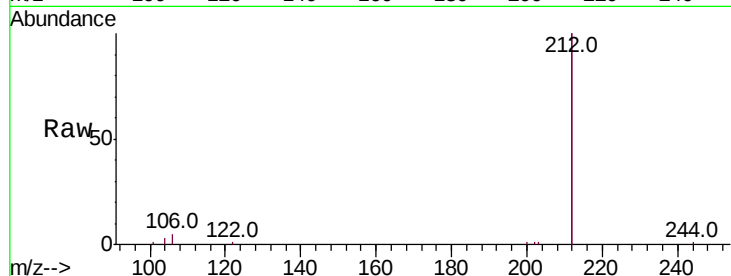
Tot Ion:212 Resp: 33896

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

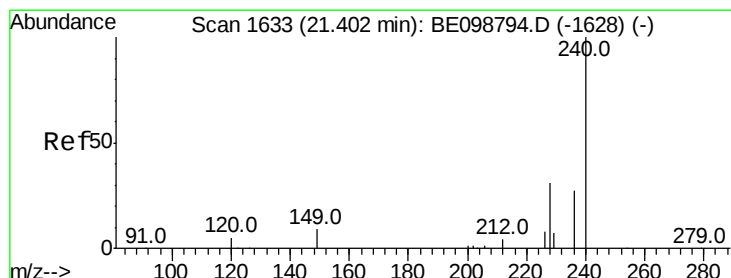
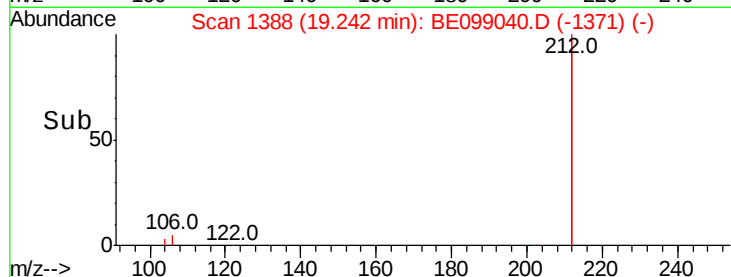
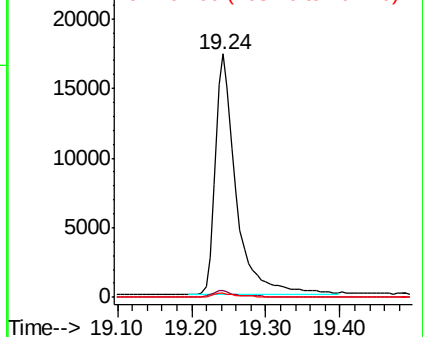
104 1.5 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

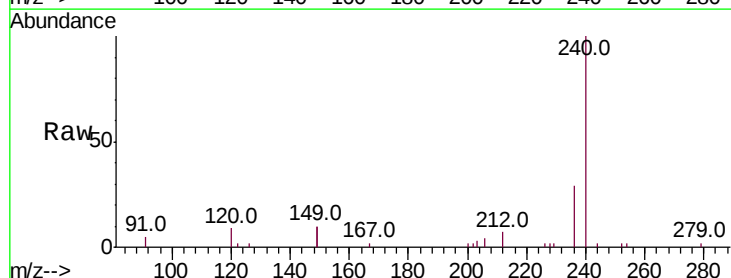
Tgt Ion:240 Resp: 6281

Ion Ratio Lower Upper

240 100

120 9.3 5.0 7.4#

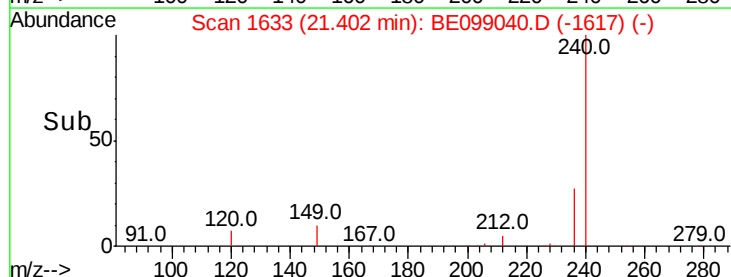
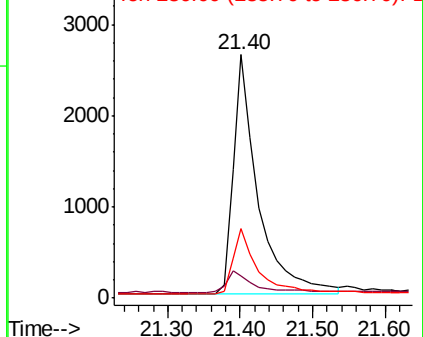
236 28.7 22.7 34.1

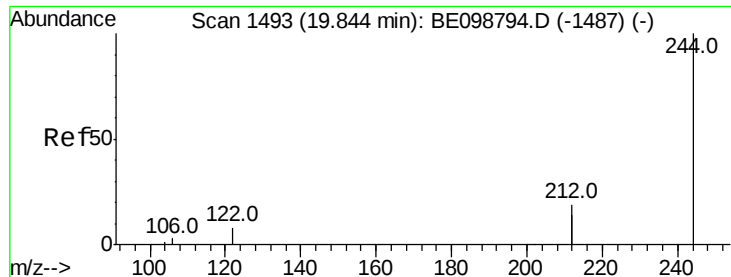


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.592 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

Instrument :

BNA_E

ClientSampleId :

BP-EB02-20190314

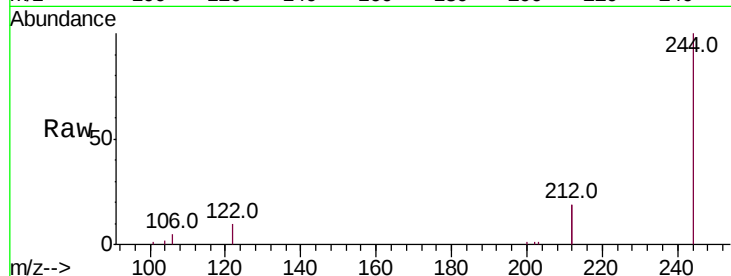
Tot Ion:244 Resp: 9035

Ion Ratio Lower Upper

244 100

212 37.5 29.4 44.2

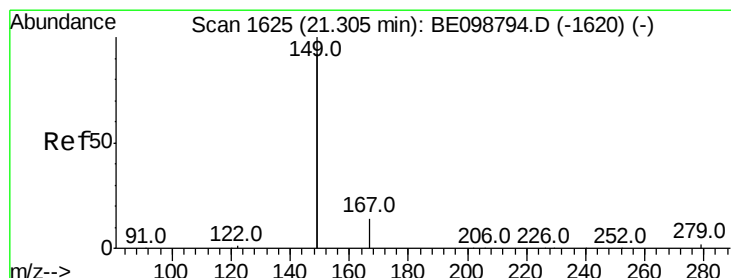
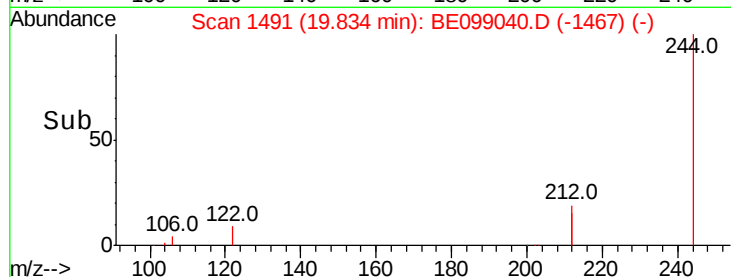
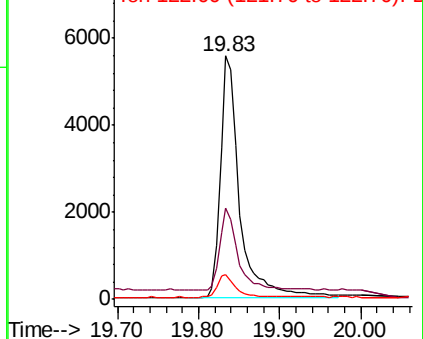
122 10.3 7.1 10.7



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: 0.050 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

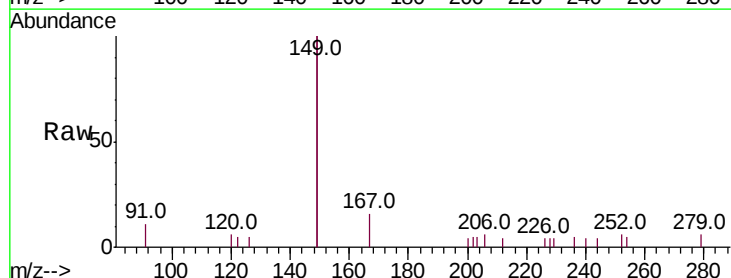
Tgt Ion:149 Resp: 2072

Ion Ratio Lower Upper

149 100

167 7.8 5.4 8.0

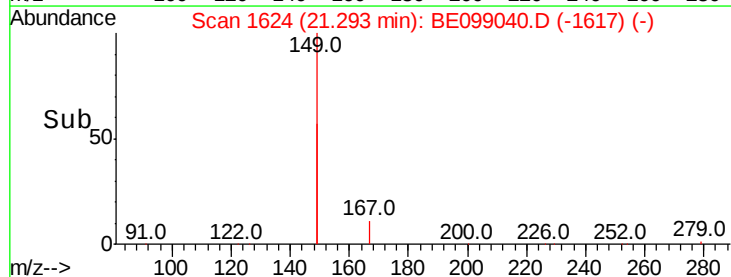
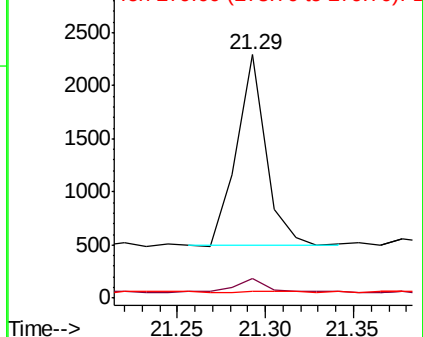
279 1.1 1.0 1.4

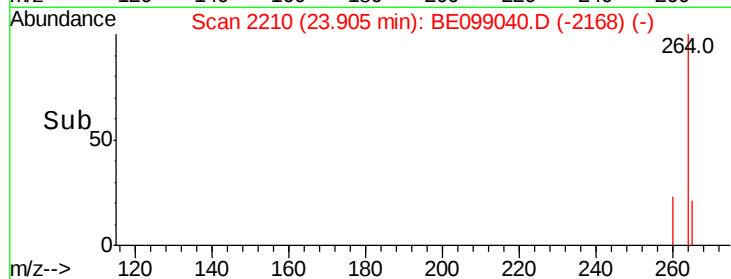
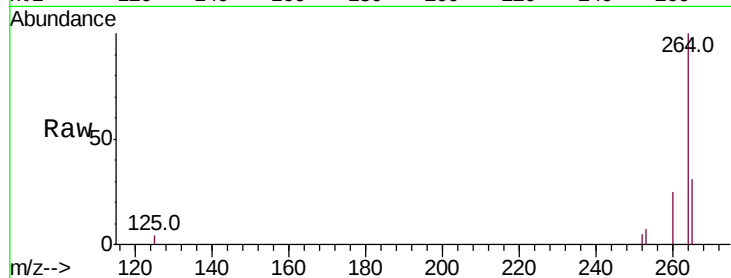
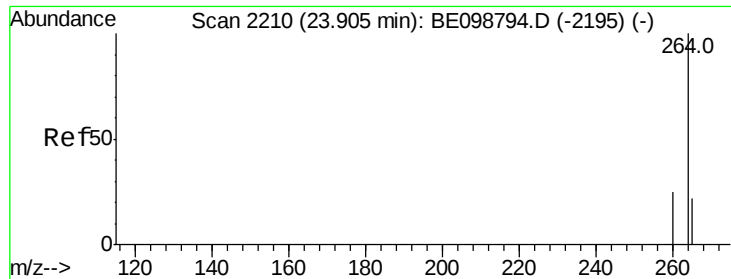


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BE099040.D

Acq: 19 Mar 2019 18:03

Instrument :

BNA_E

ClientSampleId :

BP-EB02-20190314

Tot Ion:264 Resp: 5645

Ion Ratio Lower Upper

264 100

260 25.1 21.2 31.8

265 31.4 24.6 36.8

