

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099039.D
 Acq On : 19 Mar 2019 17:24
 Operator : JU/SJ
 Sample : K1963-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20190314

Quant Time: Mar 20 05:11:33 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

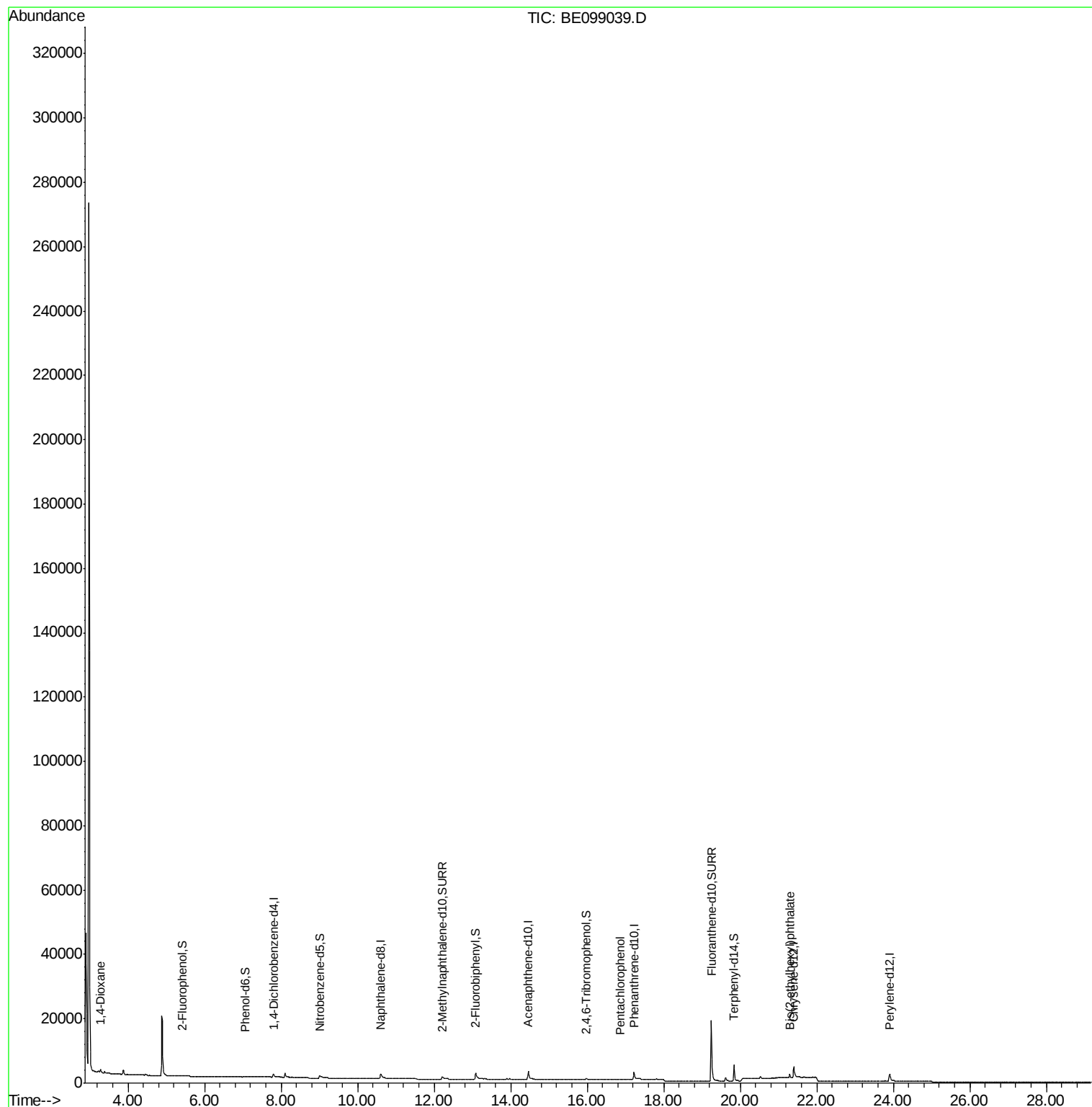
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	738	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3042	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2151	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	4950	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5977	0.40	ng	0.00
34) Perylene-d12	23.91	264	5269	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	319	0.14	ng	0.04
5) Phenol-d6	7.06	99	247	0.08	ng	0.07
8) Nitrobenzene-d5	9.02	82	1128	0.35	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2309	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	347	0.32	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	4034	0.45	ng	0.00
25) Fluoranthene-d10	19.24	212	33591	0.43	ng	0.00
29) Terphenyl-d14	19.84	244	5906	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	553	0.382	ng	Qvalue # 63
22) Pentachlorophenol	16.87	266	3	0.267	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.29	149	1516	0.038	ng	# 99

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

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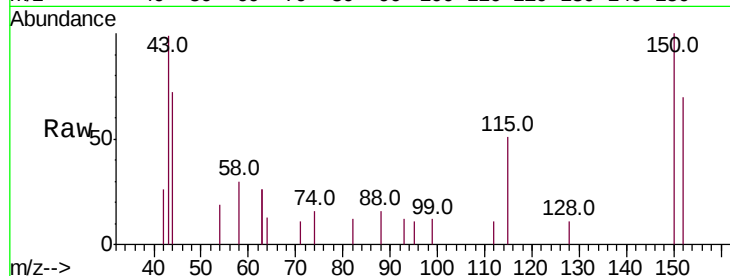


#1

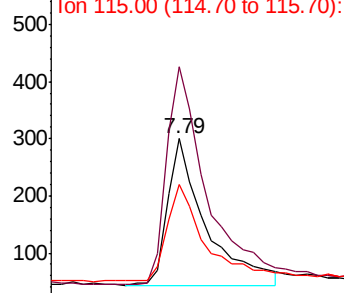
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099039.D
Acq: 19 Mar 2019 17:24

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW3071-20190314

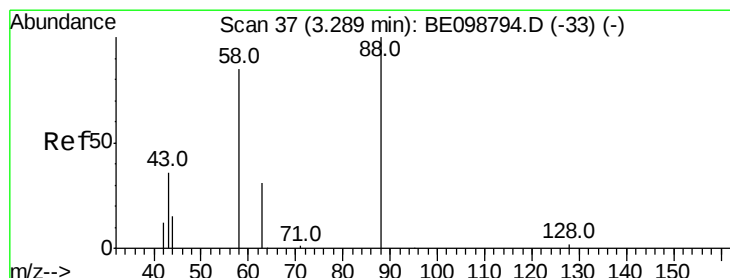
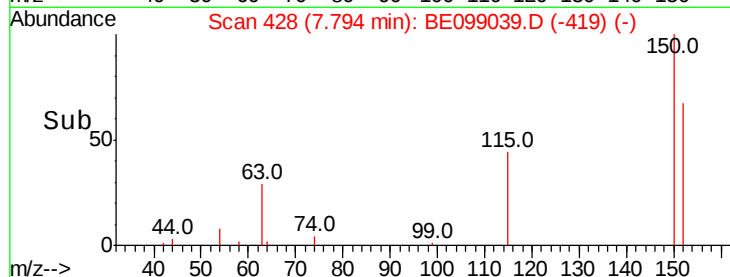
Tot Ion:152 Resp: 738
Ion Ratio Lower Upper
152 100
150 142.0 122.5 183.7
115 73.0 57.4 86.2



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



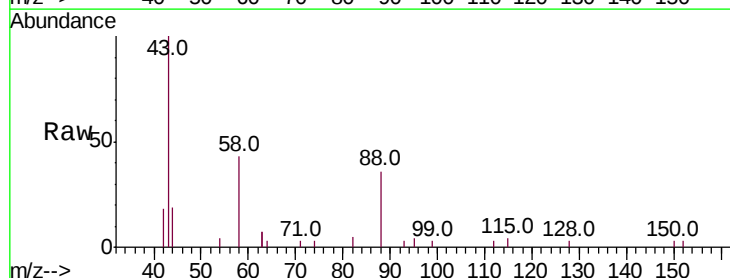
Time-->



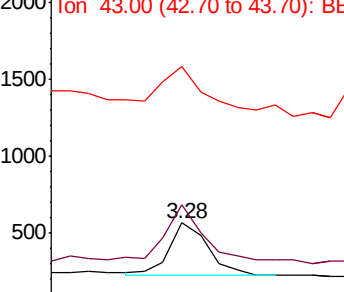
#2

1,4-Dioxane
Concen: 0.382 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099039.D
Acq: 19 Mar 2019 17:24

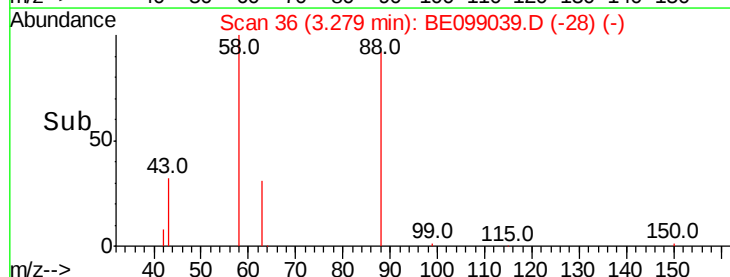
Tgt Ion: 88 Resp: 553
Ion Ratio Lower Upper
88 100
58 100.5 75.8 113.6
43 118.8 41.8 62.8#



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: 0.145 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099039.D

Acq: 19 Mar 2019 17:24

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20190314

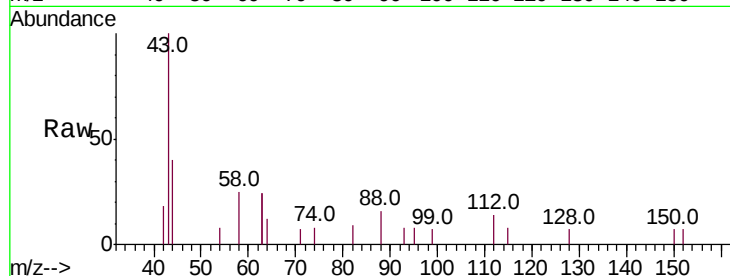
Tot Ion:112 Resp: 319

Ion Ratio Lower Upper

112 100

64 84.6 57.9 86.9

63 166.8 158.3 237.5



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

400

300

200

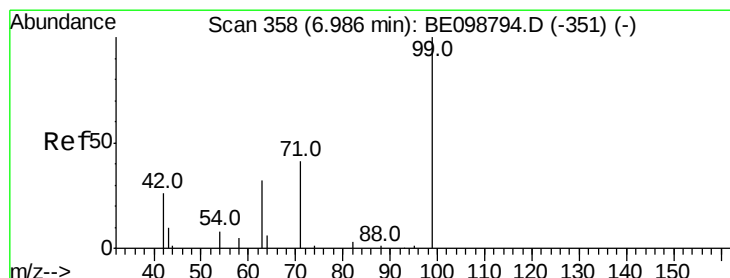
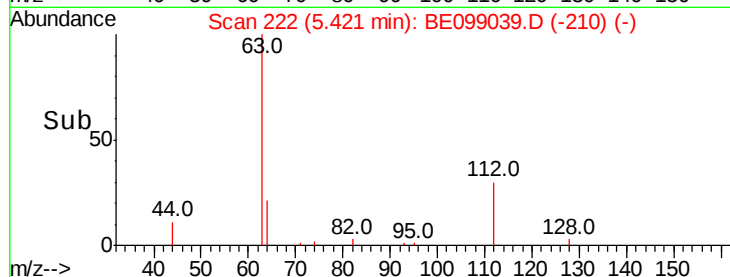
100

0

5.30 5.40 5.50 5.60

5.42

Time-->



#5

Phenol-d6

Concen: 0.079 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE099039.D

Acq: 19 Mar 2019 17:24

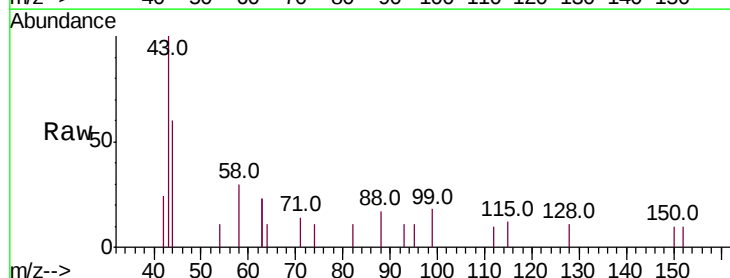
Tgt Ion: 99 Resp: 247

Ion Ratio Lower Upper

99 100

42 51.8 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

150

100

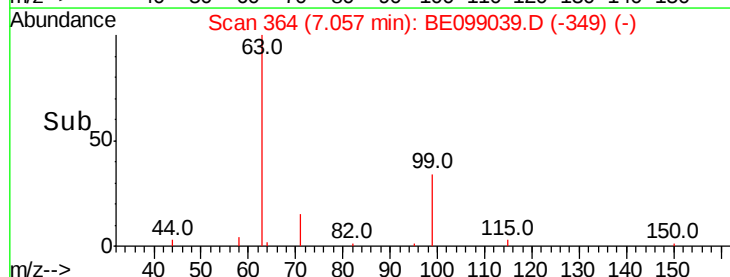
50

0

6.90 7.00 7.10 7.20

7.06

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099039.D

Acq: 19 Mar 2019 17:24

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20190314

Tot Ion:136 Resp: 3042

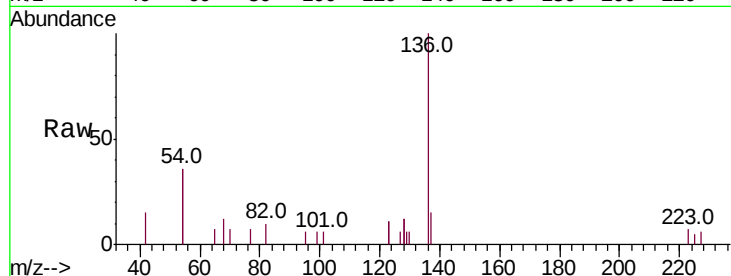
Ion Ratio Lower Upper

136 100

137 14.6 11.4 17.0

54 71.4 39.3 58.9#

68 12.5 6.7 10.1#



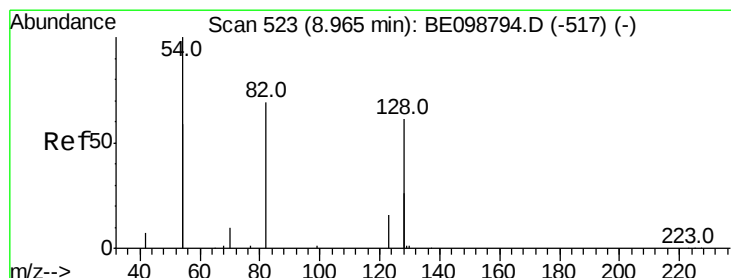
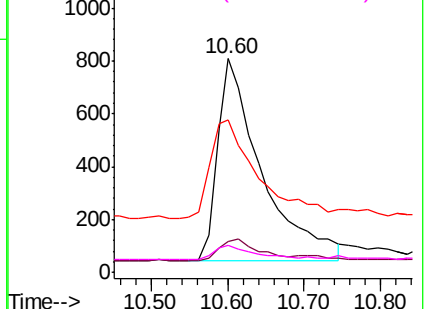
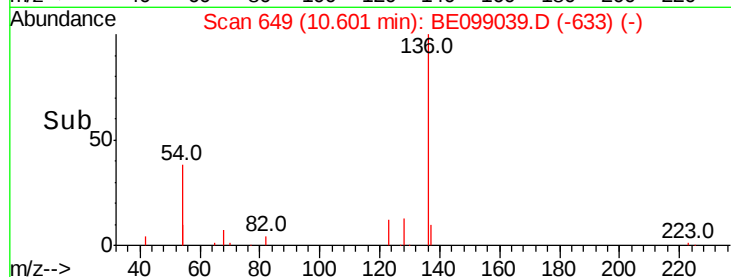
Abundance

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: 0.354 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099039.D

Acq: 19 Mar 2019 17:24

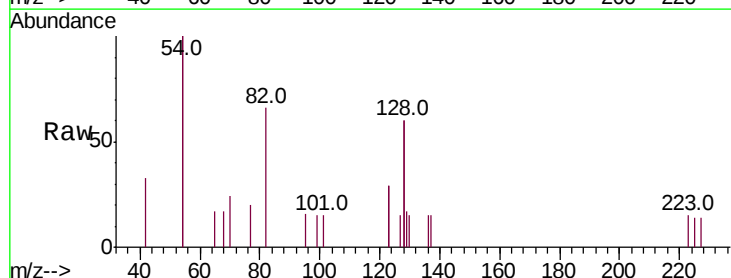
Tgt Ion: 82 Resp: 1128

Ion Ratio Lower Upper

82 100

128 181.4 123.8 185.8

54 301.0 203.4 305.2

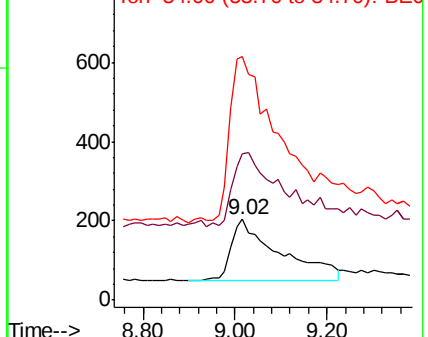
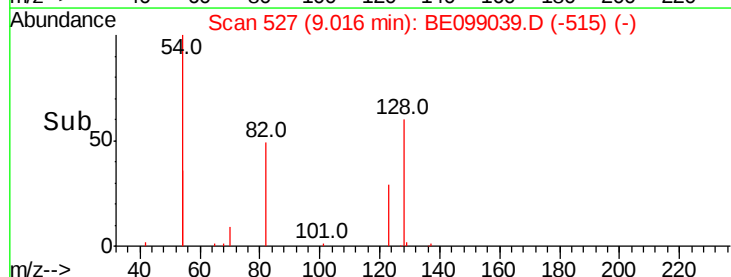


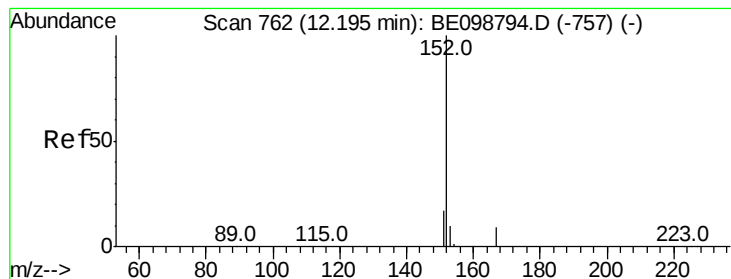
Abundance

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: 0.411 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099039.D

Acq: 19 Mar 2019 17:24

Instrument :

BNA_E

ClientSampleId :

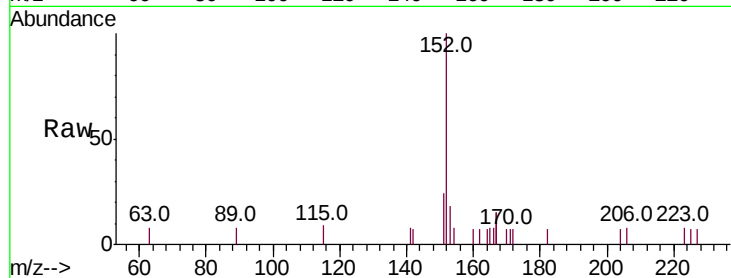
BPS1-TT-MW307I-20190314

Tot Ion:152 Resp: 2309

Ion Ratio Lower Upper

152 100

151 18.4 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

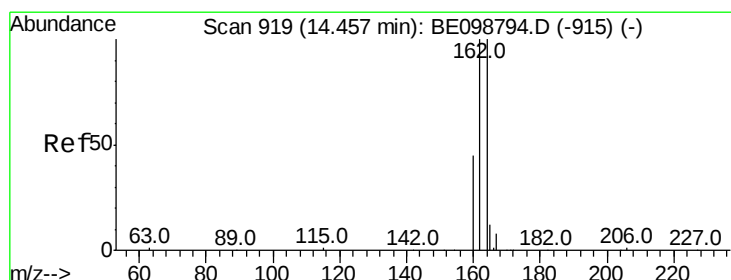
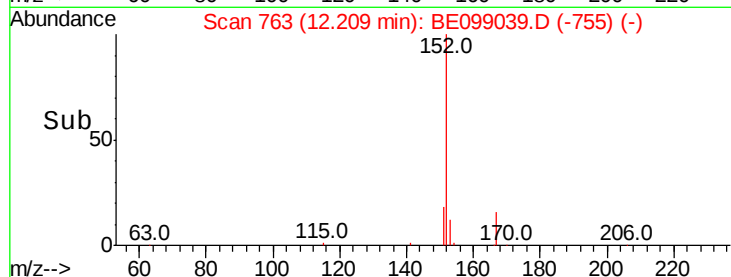
600

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: BE099039.D

Acq: 19 Mar 2019 17:24

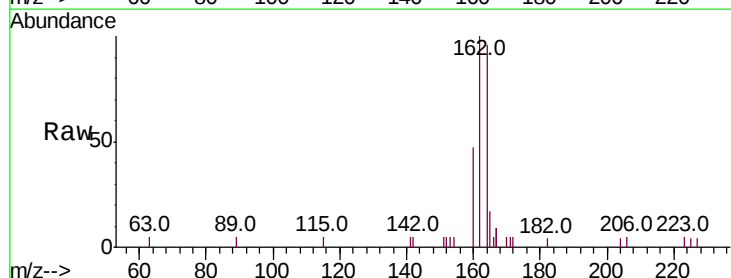
Tgt Ion:164 Resp: 2151

Ion Ratio Lower Upper

164 100

162 103.7 80.2 120.2

160 48.5 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

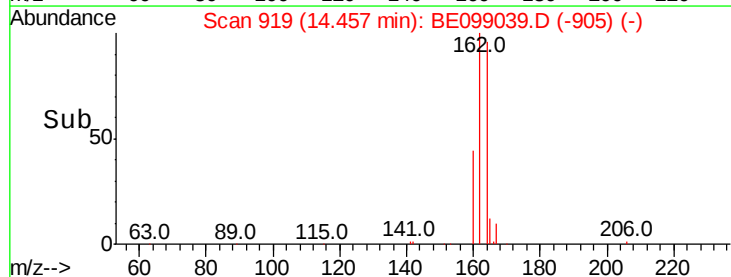
14.46

1000

500

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.320 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE099039.D

Acq: 19 Mar 2019 17:24

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20190314

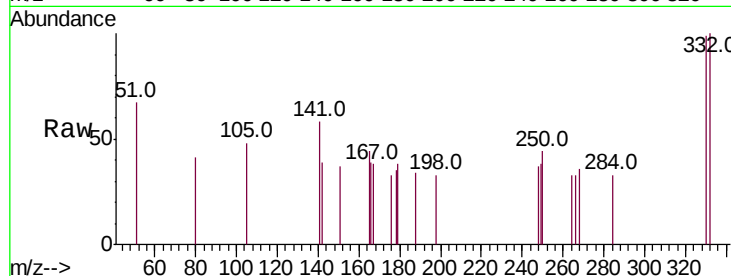
Tot Ion:330 Resp: 347

Ion Ratio Lower Upper

330 100

332 106.1 77.6 116.4

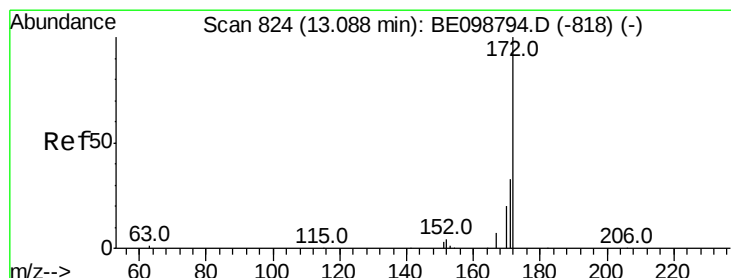
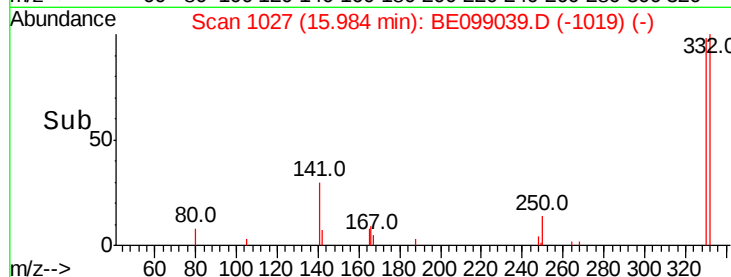
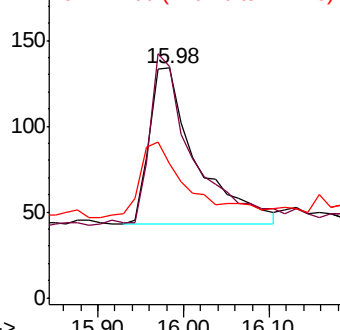
141 49.0 31.0 46.4#



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: 0.453 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099039.D

Acq: 19 Mar 2019 17:24

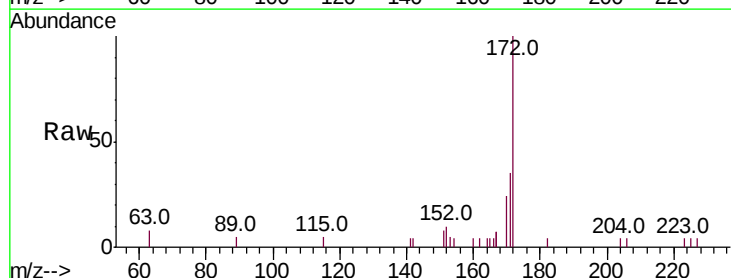
Tgt Ion:172 Resp: 4034

Ion Ratio Lower Upper

172 100

171 34.5 28.0 42.0

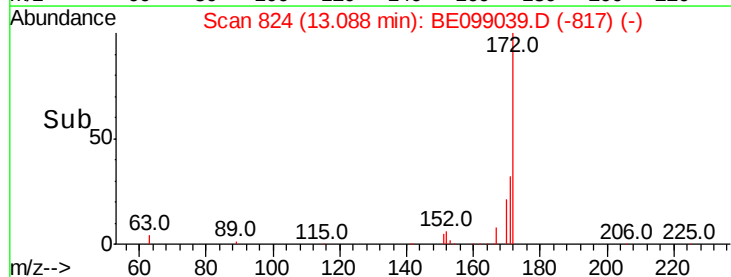
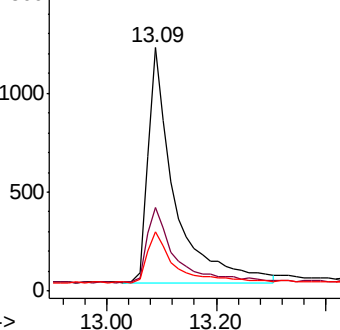
170 24.3 17.7 26.5

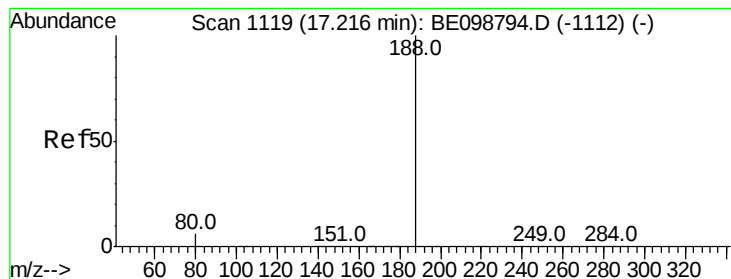


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE099039.D

Acq: 19 Mar 2019 17:24

Instrument :

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ClientSampleId :

BPS1-TT-MW307I-20190314

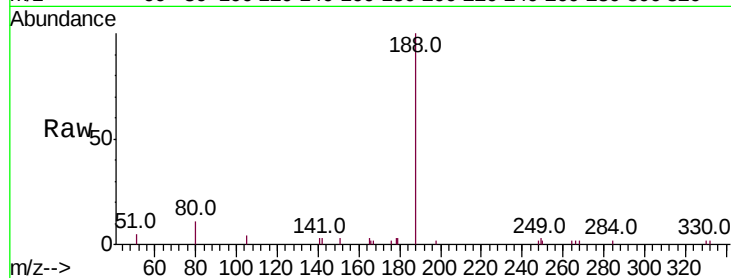
Tot Ion:188 Resp: 4950

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

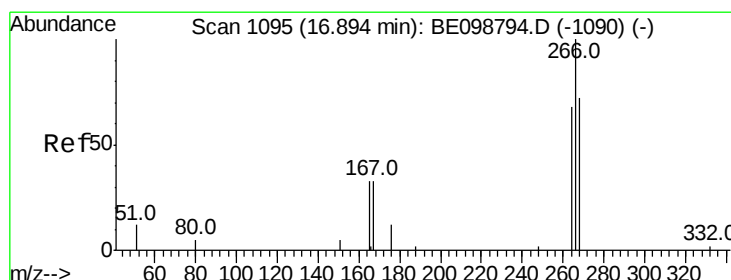
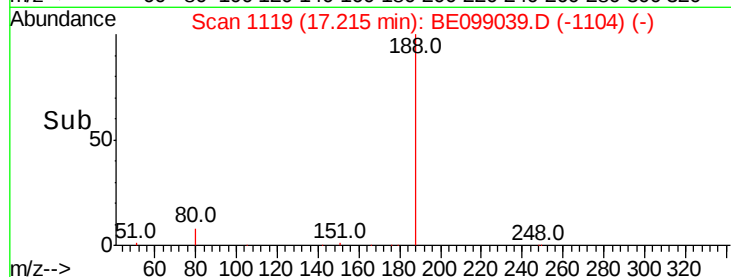
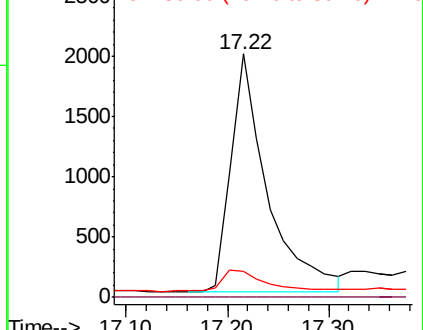
80 10.8 6.3 9.5#



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: 0.267 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE099039.D

Acq: 19 Mar 2019 17:24

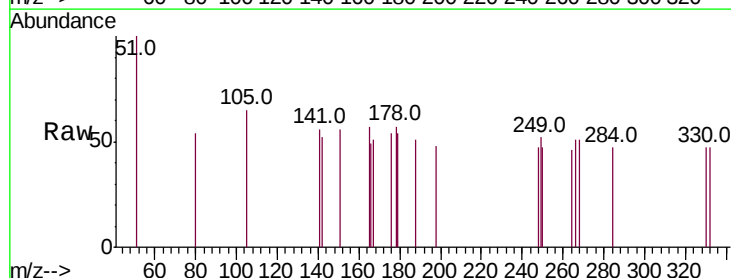
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 91.7 66.6 100.0

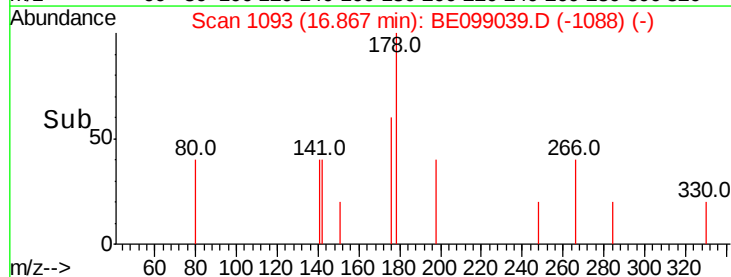
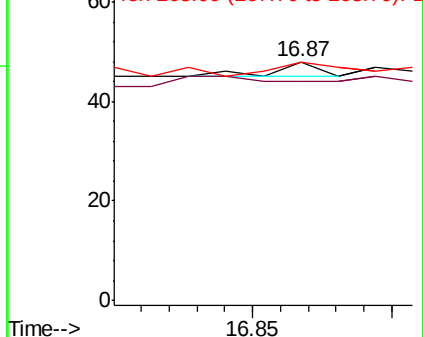
268 100.0 69.8 104.8

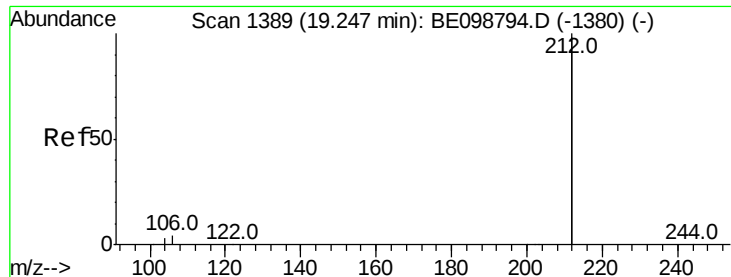


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.425 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099039.D

Acq: 19 Mar 2019 17:24

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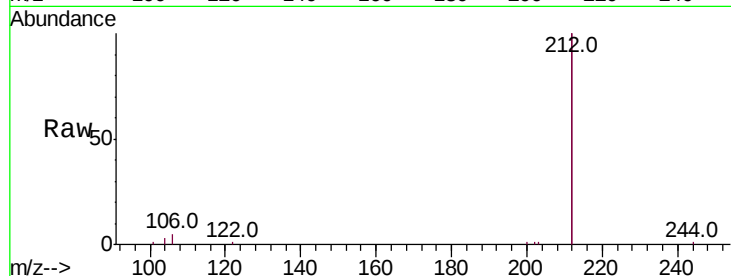
Tot Ion:212 Resp: 33591

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

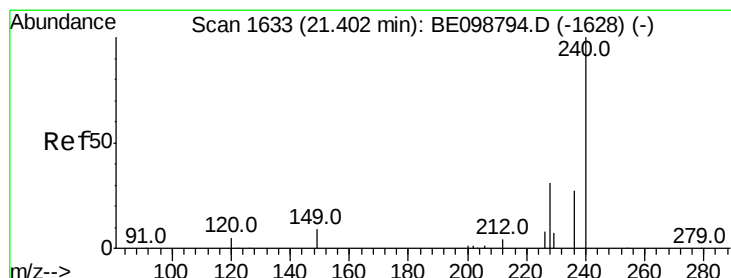
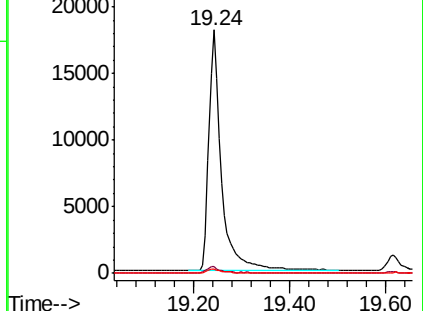
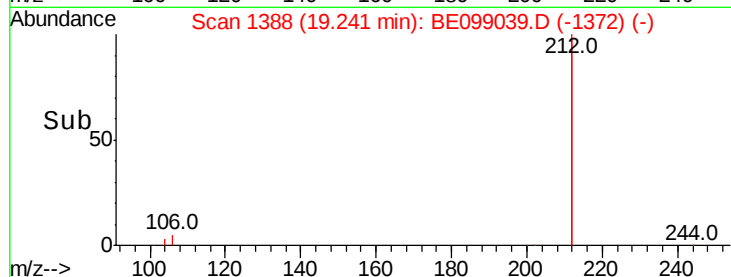
104 1.5 1.0 1.6



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: BE099039.D

Acq: 19 Mar 2019 17:24

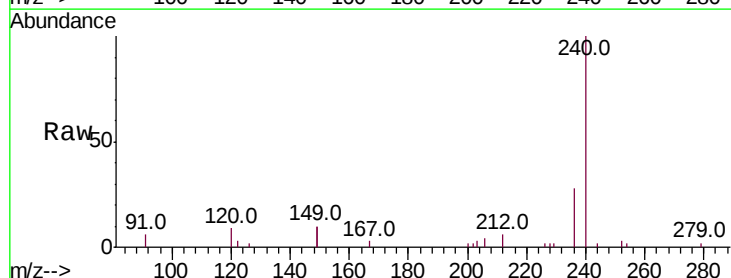
Tgt Ion:240 Resp: 5977

Ion Ratio Lower Upper

240 100

120 9.3 5.0 7.4#

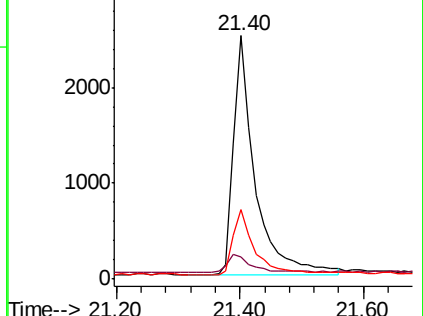
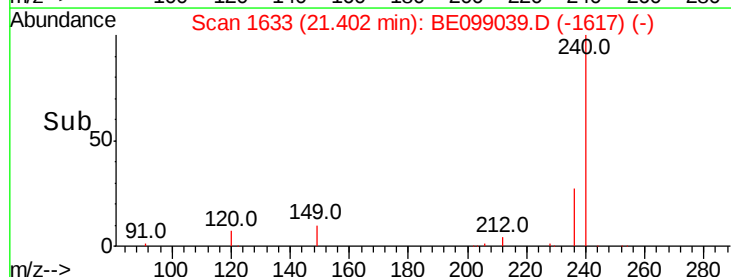
236 28.5 22.7 34.1

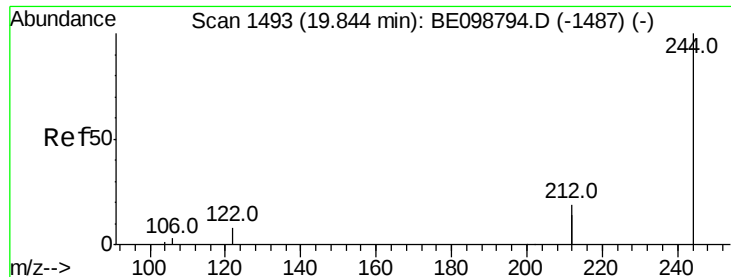


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099039.D

Acq: 19 Mar 2019 17:24

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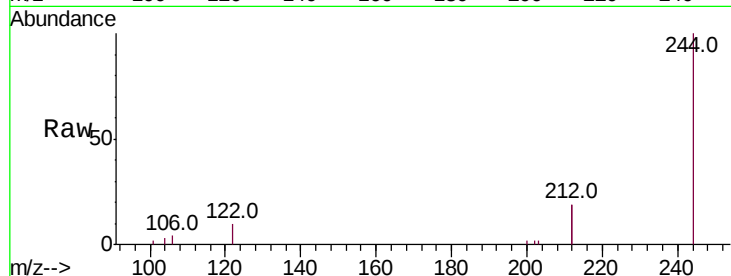
Tot Ion:244 Resp: 5906

Ion Ratio Lower Upper

244 100

212 39.0 29.4 44.2

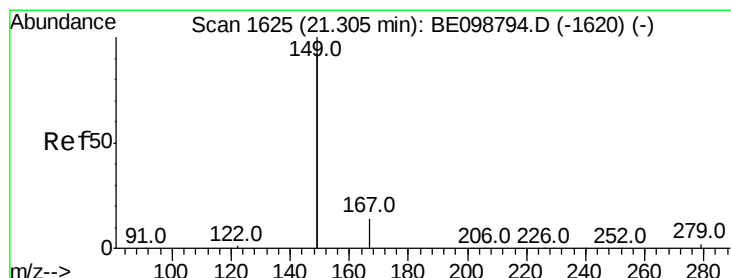
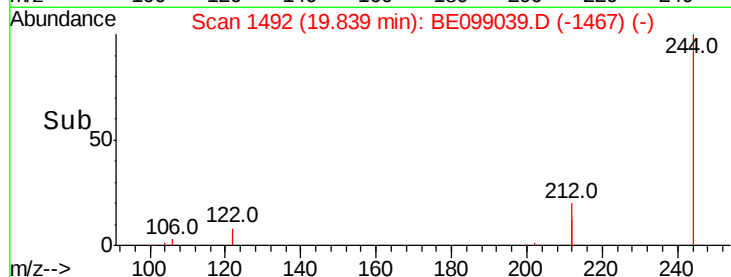
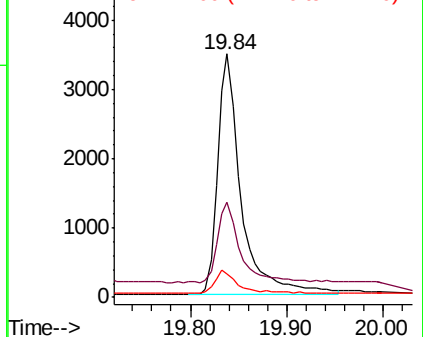
122 9.6 7.1 10.7



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: 0.038 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099039.D

Acq: 19 Mar 2019 17:24

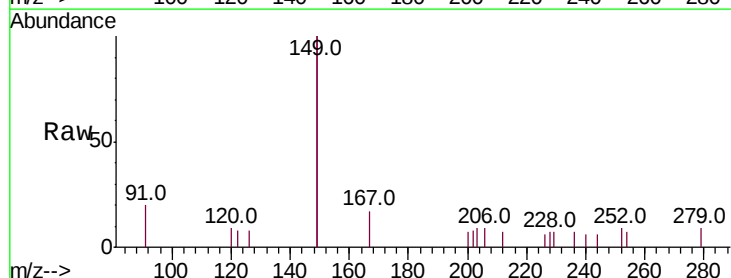
Tgt Ion:149 Resp: 1516

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

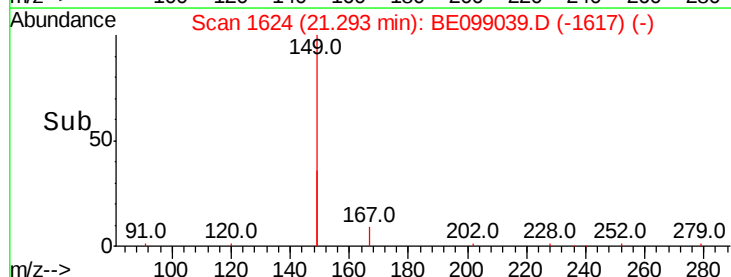
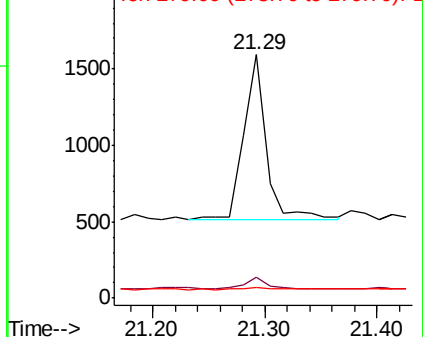
279 1.5 1.0 1.4#



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: 23.91 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BE099039.D
Acq: 19 Mar 2019 17:24

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW307I-20190314

Tot Ion: 264 Resp: 5269

Ion	Ratio	Lower	Upper
264	100		
260	28.3	21.2	31.8
265	31.0	24.6	36.8

