

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099819.D
 Acq On : 6 Jun 2019 12:18
 Operator : JU/SJ
 Sample : K3190-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304S-20190604

Quant Time: Jun 07 02:05:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

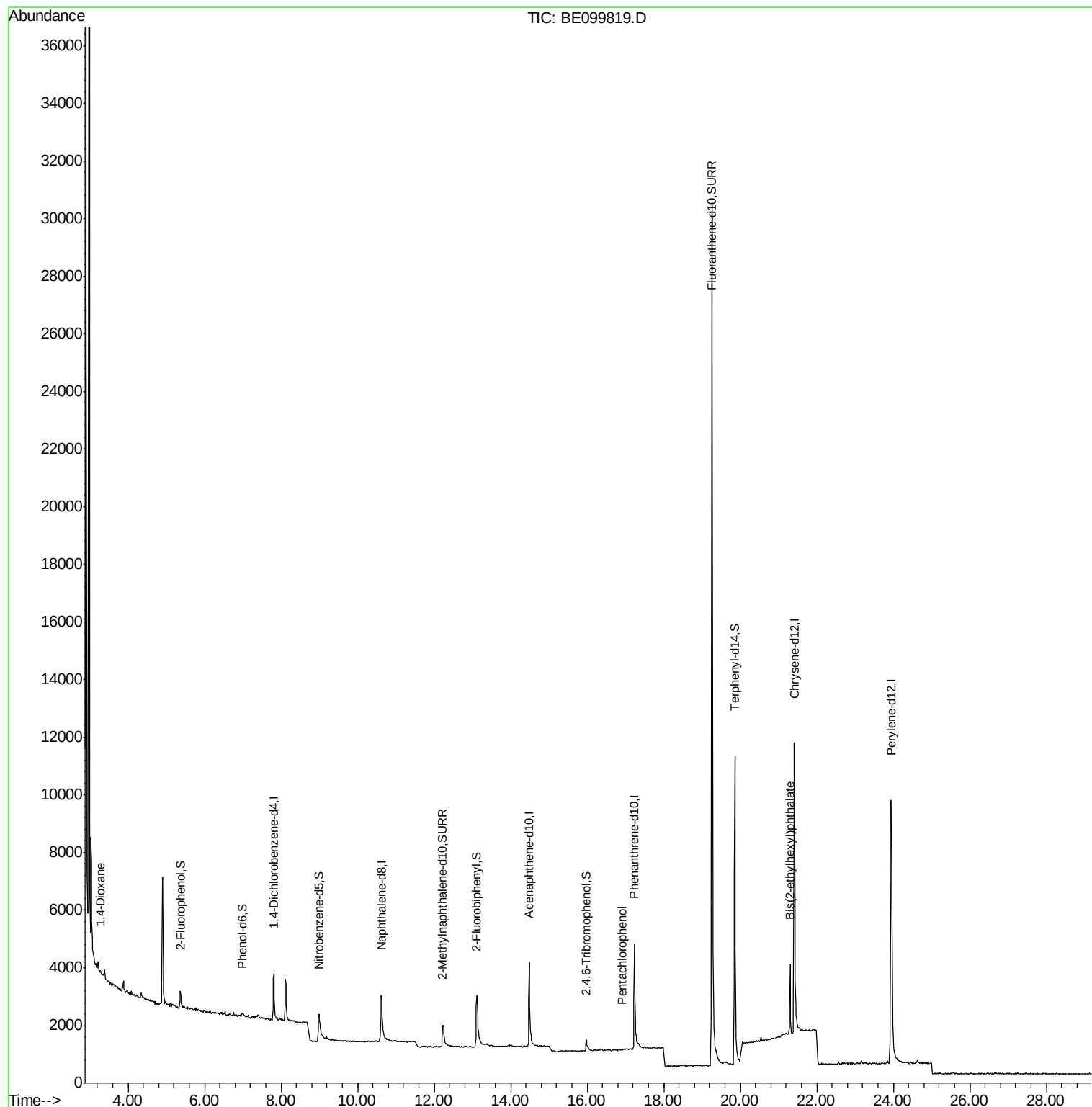
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1075	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	3558	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2470	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	8460	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14685	0.40	ng	0.00
34) Perylene-d12	23.94	264	16888	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	451	0.17	ng	0.01
5) Phenol-d6	6.98	99	267	0.08	ng	0.01
8) Nitrobenzene-d5	8.99	82	1093	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	2202	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	464	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	3621	0.39	ng	0.01
25) Fluoranthene-d10	19.26	212	53420	0.42	ng	0.00
29) Terphenyl-d14	19.86	244	13389	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	101	0.065	ng	# 58
22) Pentachlorophenol	16.91	266	7	0.284	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.30	149	2675	0.057	ng	# 96

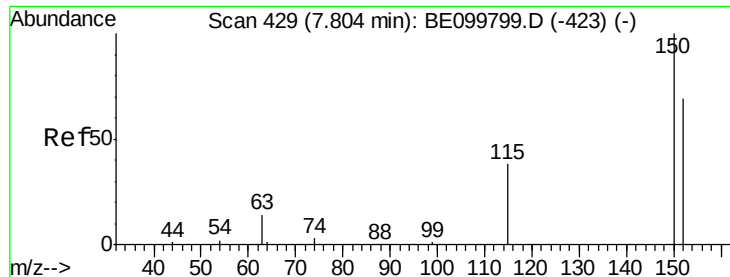
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604

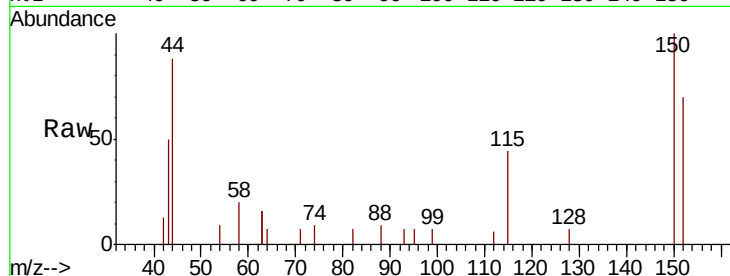
Tgt Ion:152 Resp: 1075

Ion Ratio Lower Upper

152 100

150 142.8 112.8 169.2

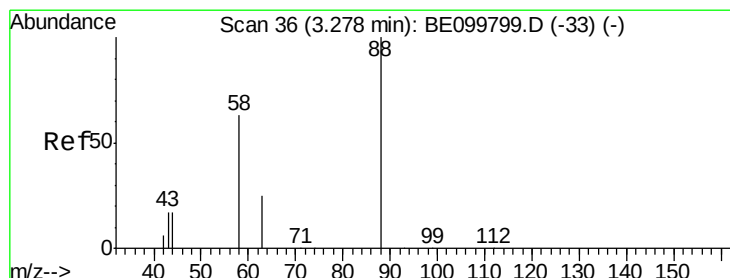
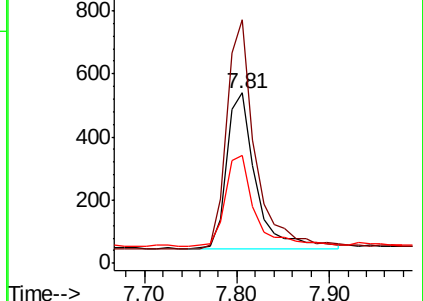
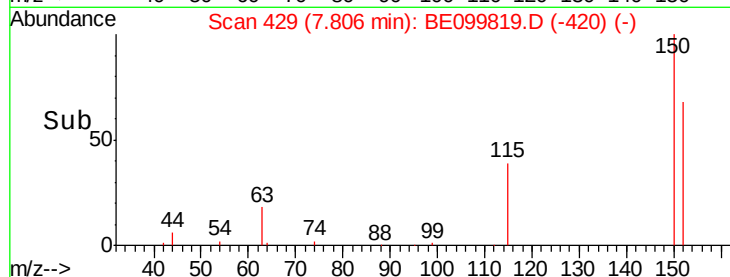
115 63.0 47.6 71.4



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: 0.065 ng

RT: 3.28 min Scan# 36

Delta R.T. 0.00 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

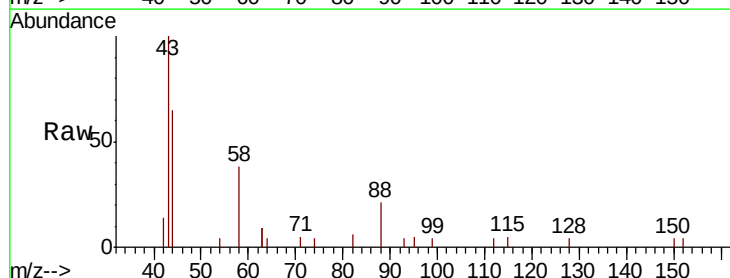
Tgt Ion: 88 Resp: 101

Ion Ratio Lower Upper

88 100

58 89.1 47.3 70.9#

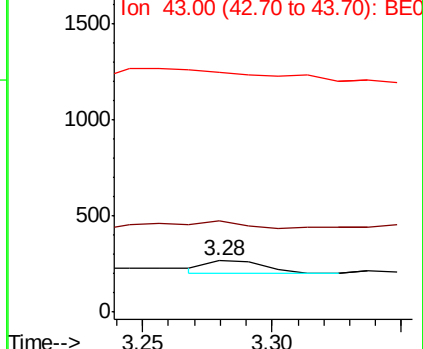
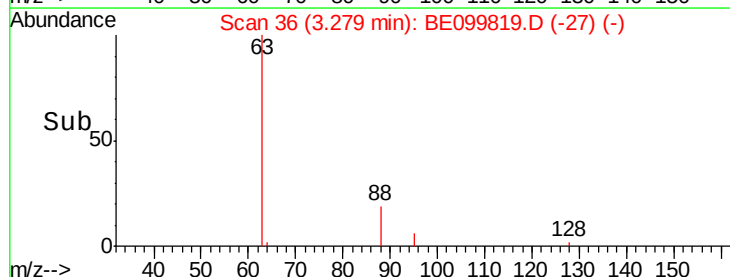
43 0.0 18.2 27.4#

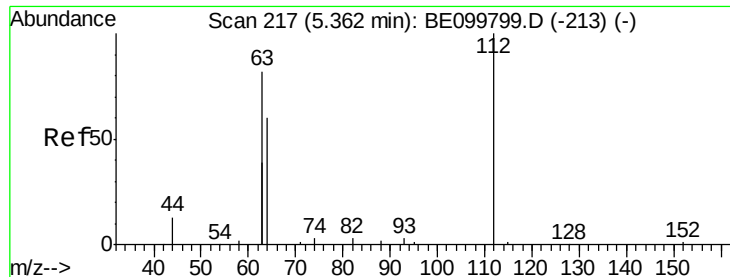


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604

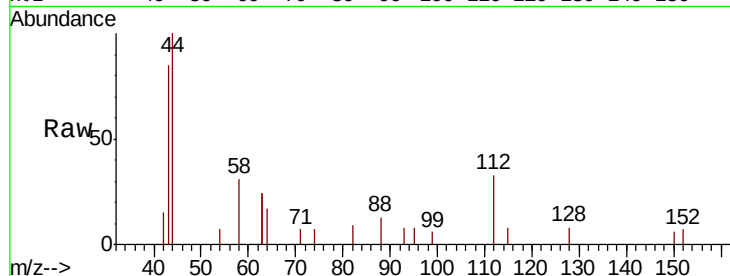
Tgt Ion: 112 Resp: 451

Ion Ratio Lower Upper

112 100

64 49.0 47.2 70.8

63 123.7 90.7 136.1



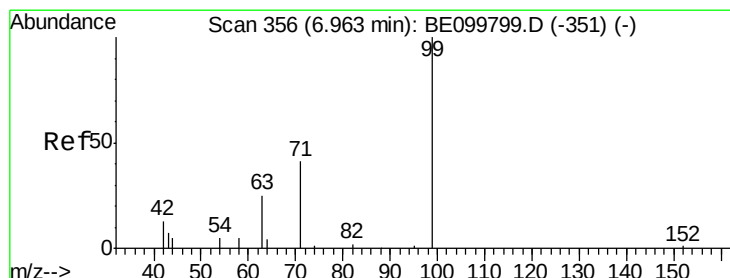
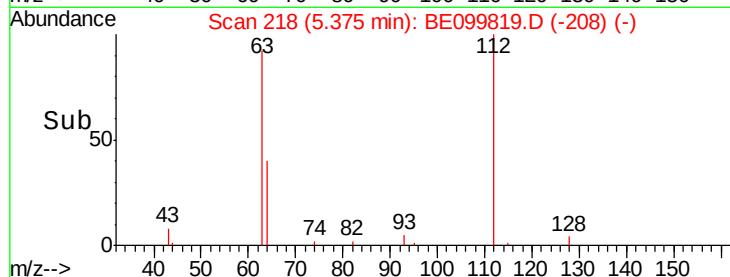
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.38

Time-->



#5

Phenol-d6

Concen: 0.079 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

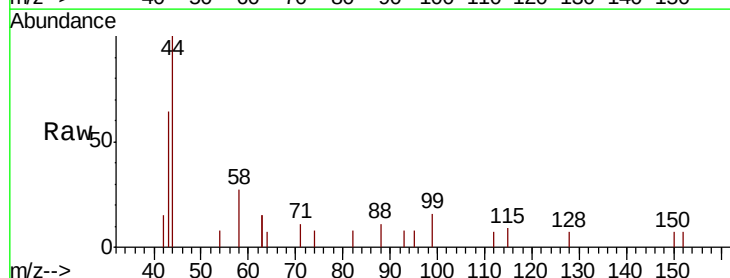
Tgt Ion: 99 Resp: 267

Ion Ratio Lower Upper

99 100

42 7.1 11.0 16.4#

71 42.7 26.1 39.1#



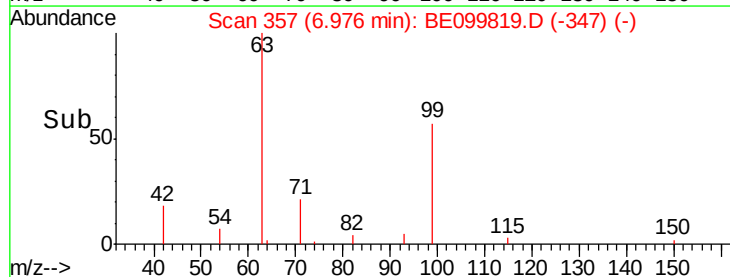
Abundance Ion 99.00 (98.70 to 99.70): BE0

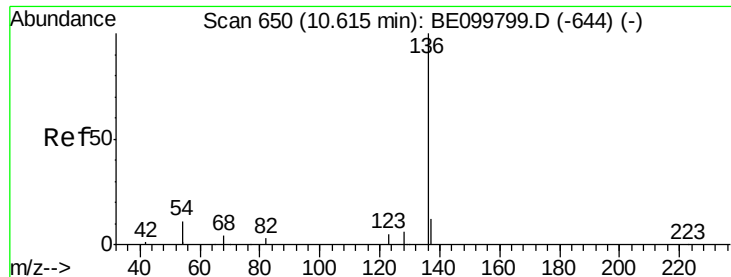
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.98

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604

Tgt Ion: 136 Resp: 3558

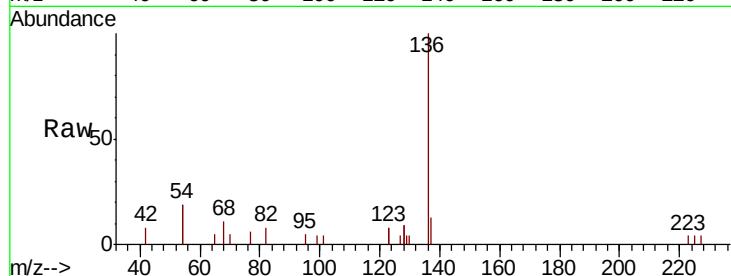
Ion Ratio Lower Upper

136 100

137 13.3 11.1 16.7

54 38.9 17.9 26.9#

68 11.2 5.4 8.0#

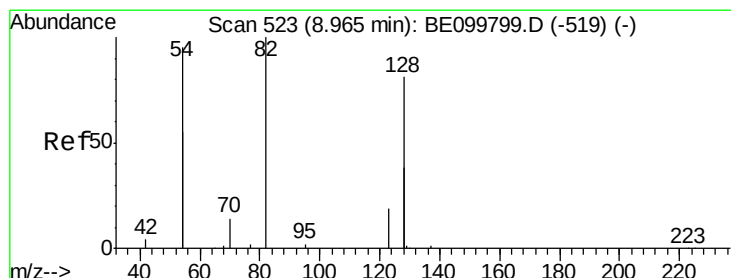
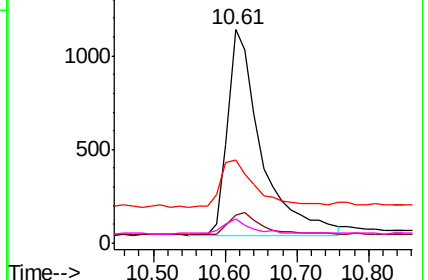
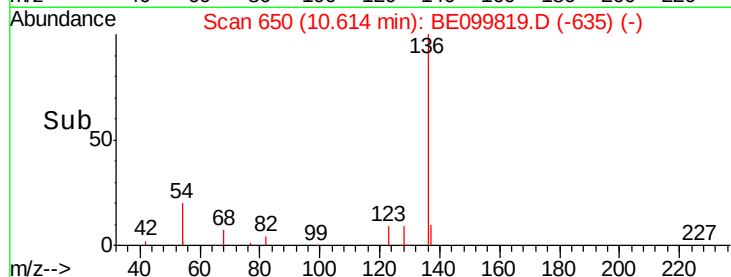


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

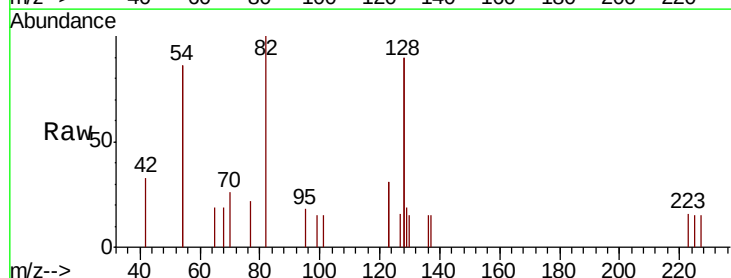
Tgt Ion: 82 Resp: 1093

Ion Ratio Lower Upper

82 100

128 179.8 116.6 175.0#

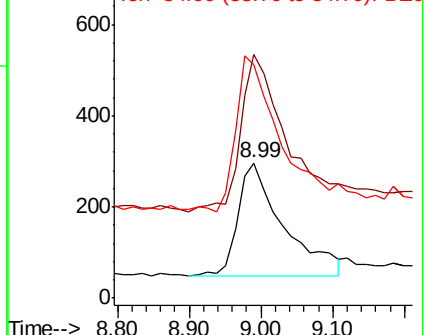
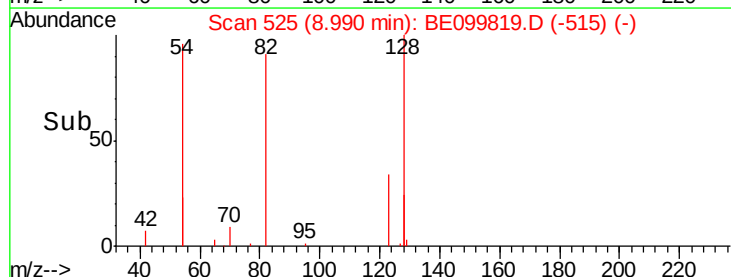
54 172.4 136.2 204.4

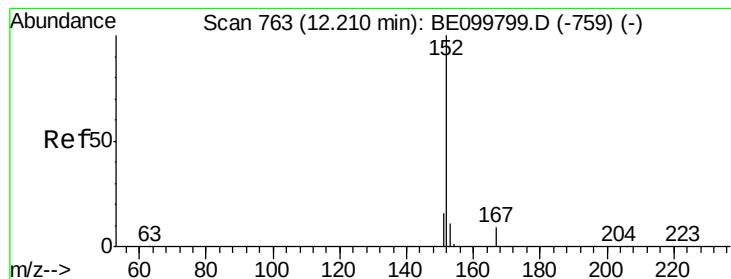


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

Instrument :

BNA_E

ClientSampleId :

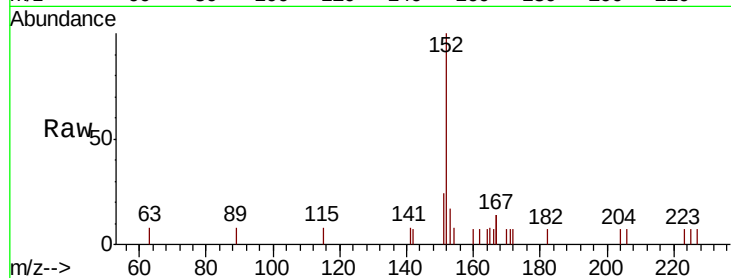
BPS1-TT-MW304S-20190604

Tgt Ion:152 Resp: 2202

Ion Ratio Lower Upper

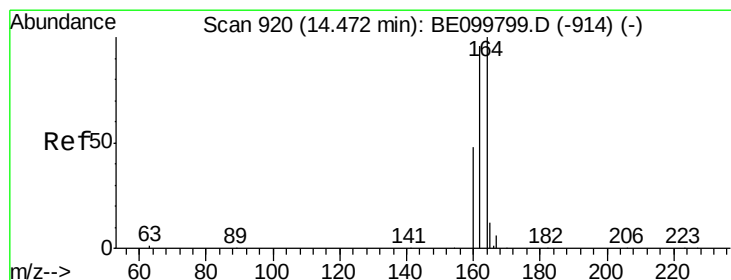
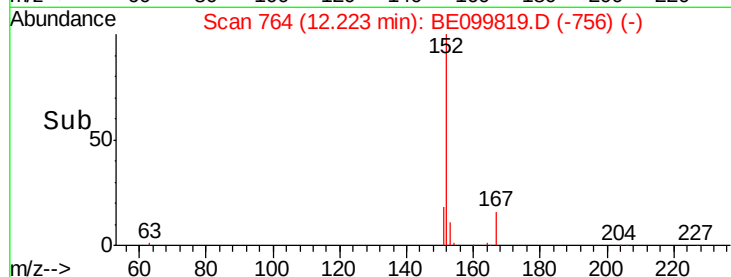
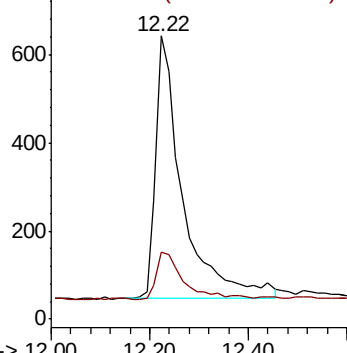
152 100

151 19.3 15.8 23.8



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: 14.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

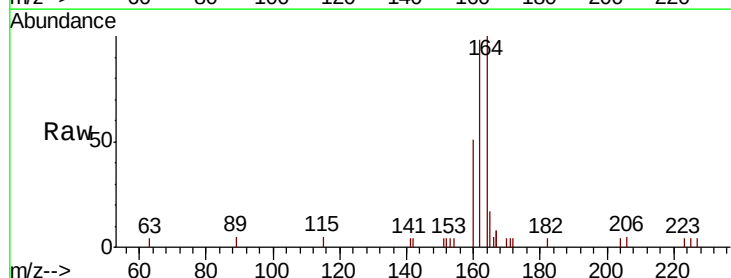
Tgt Ion:164 Resp: 2470

Ion Ratio Lower Upper

164 100

162 98.4 77.2 115.8

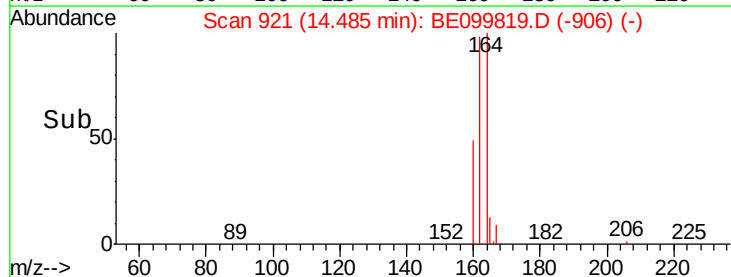
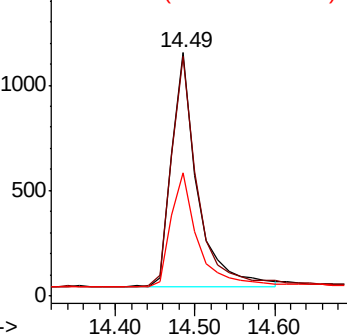
160 50.8 39.4 59.2

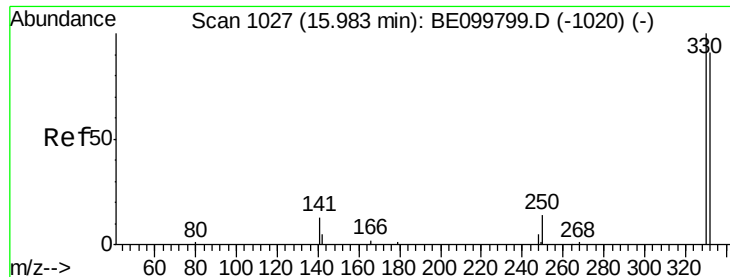


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

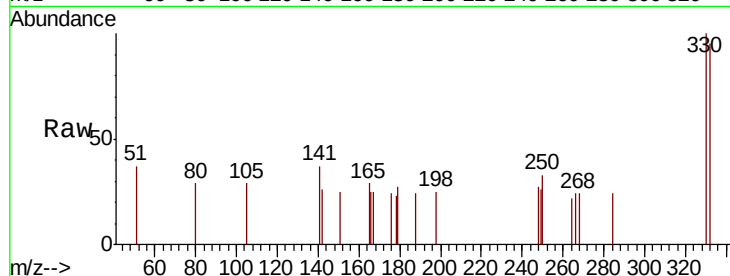




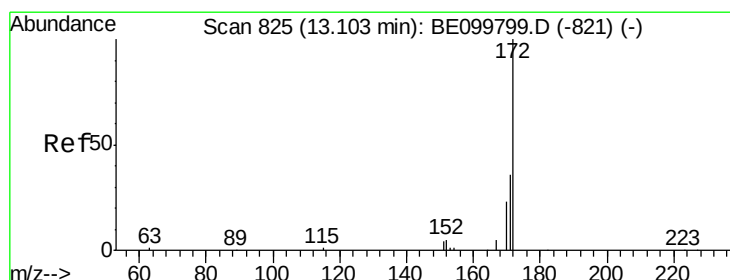
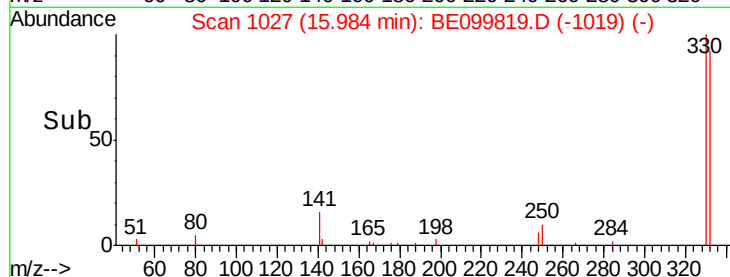
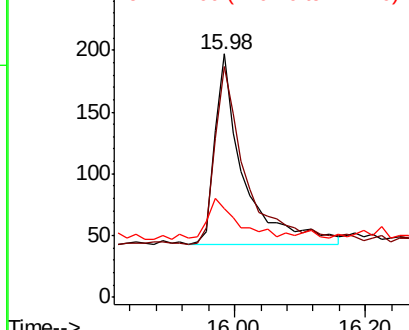
#14
 2,4,6-Tribromophenol
 Concen: 0.381 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099819.D
 Acq: 6 Jun 2019 12:18

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Tgt Ion: 330 Resp: 464
 Ion Ratio Lower Upper
 330 100
 332 106.9 74.9 112.3
 141 21.1 16.0 24.0

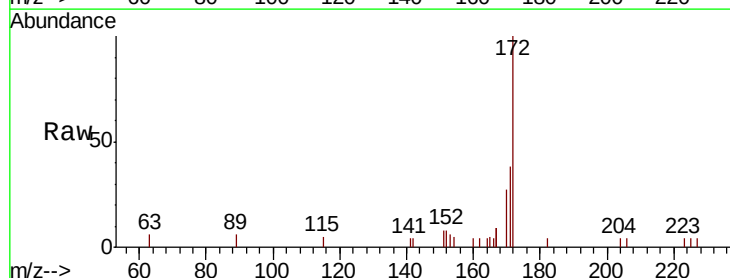


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

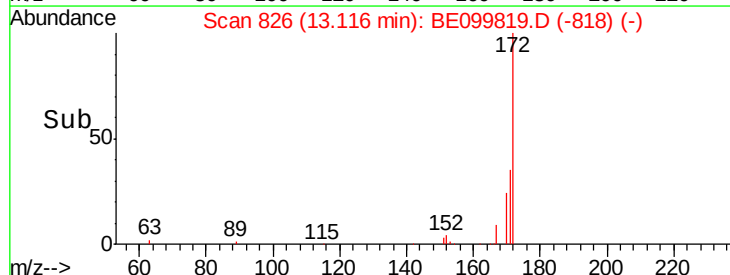
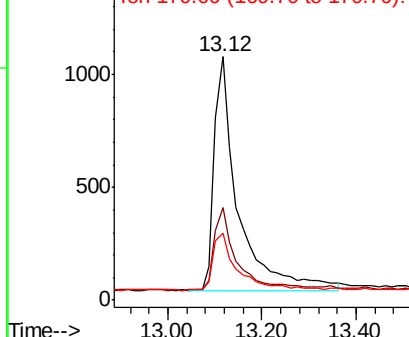


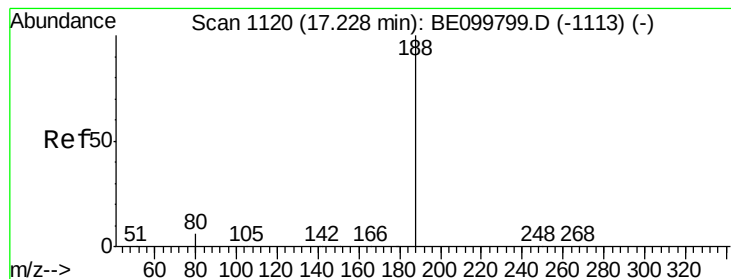
#15
 2-Fluorobiphenyl
 Concen: 0.394 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BE099819.D
 Acq: 6 Jun 2019 12:18

Tgt Ion: 172 Resp: 3621
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.2 45.4
 170 27.3 20.1 30.1



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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

Instrument :

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ClientSampleId :

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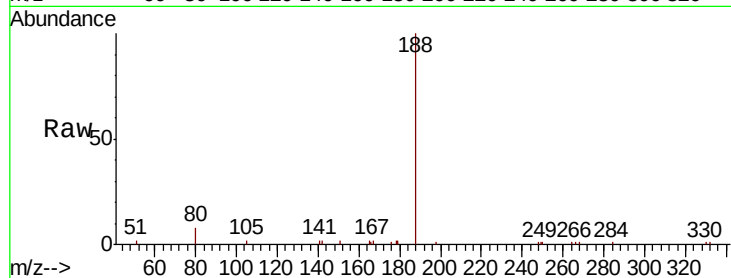
Tgt Ion:188 Resp: 8460

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

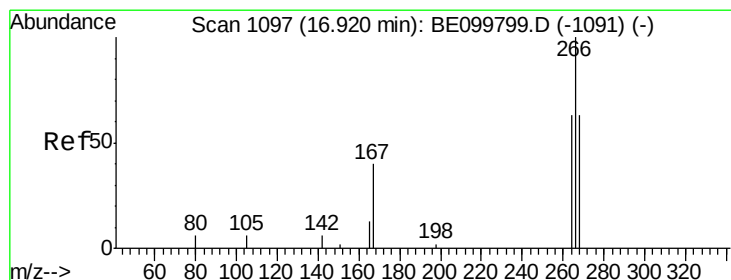
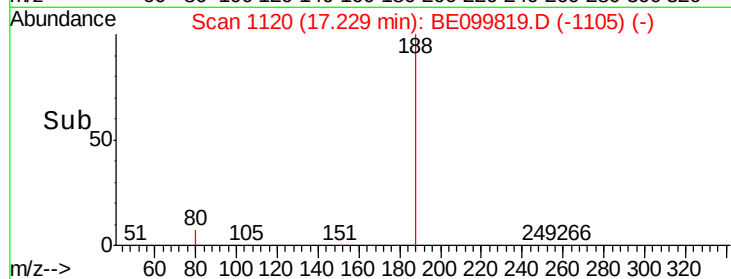
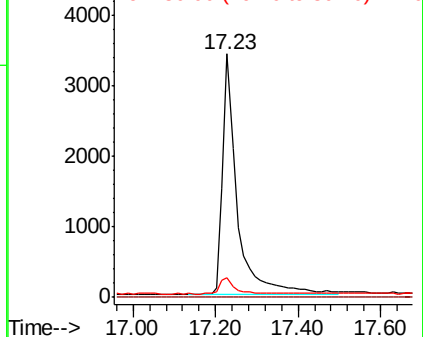
80 8.1 5.2 7.8#



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: 0.284 ng

RT: 16.91 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

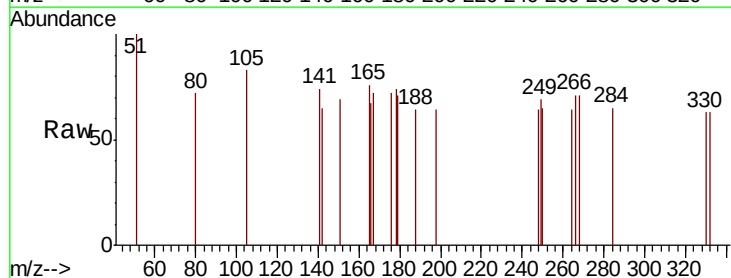
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 90.2 64.9 97.3

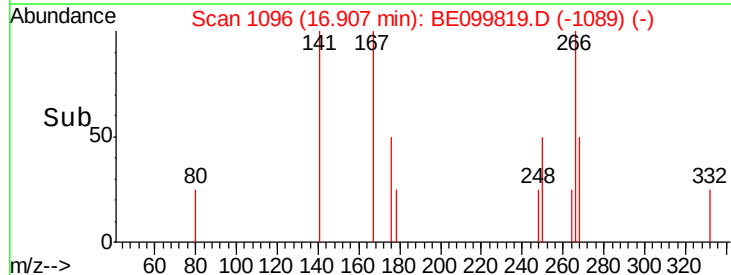
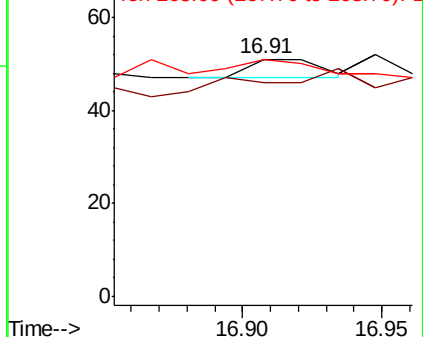
268 100.0 64.0 96.0#

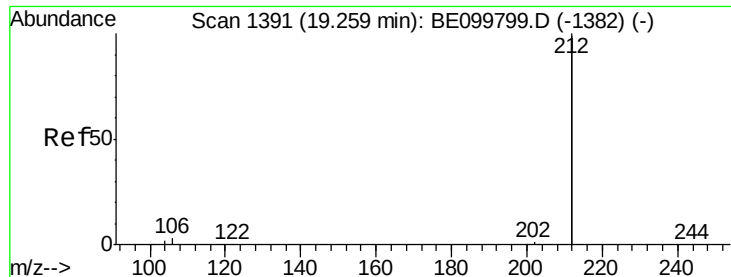


Abundance Ion 266.00 (265.70 to 266.70): E

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: 19.26 min Scan# 1391

Delta R.T. -0.00 min

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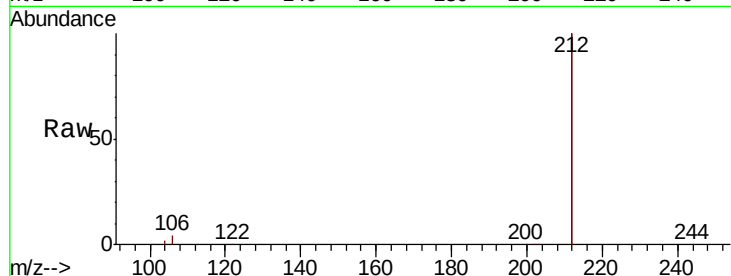
Tgt Ion:212 Resp: 53420

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

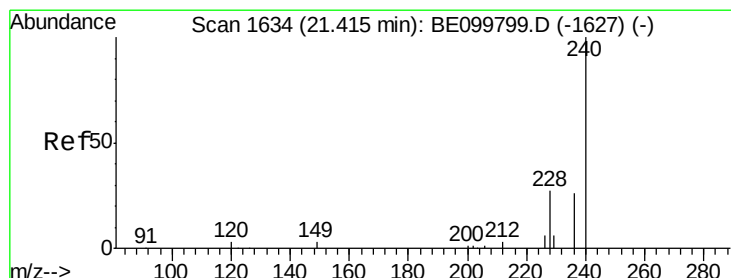
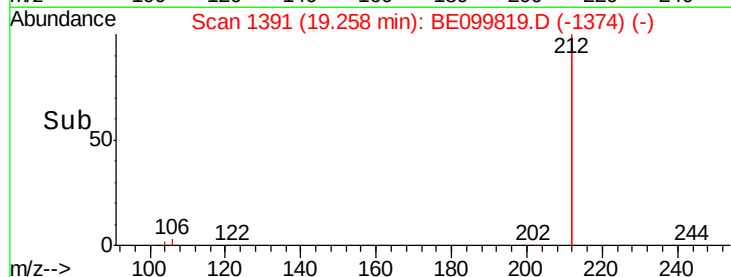
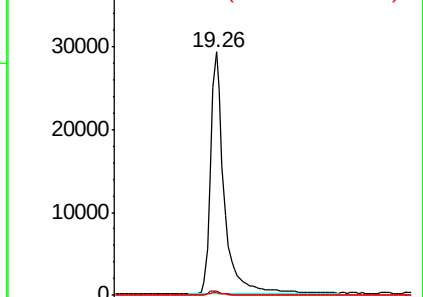
104 1.0 0.8 1.2



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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

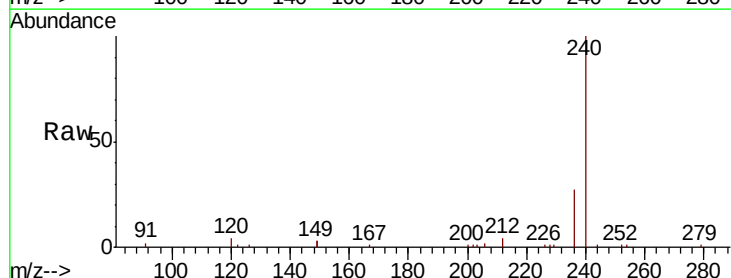
Tgt Ion:240 Resp: 14685

Ion Ratio Lower Upper

240 100

120 4.2 2.8 4.2

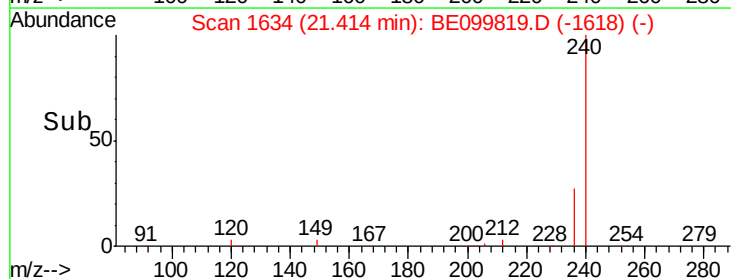
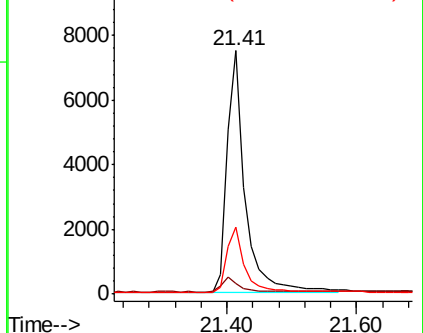
236 27.5 20.9 31.3

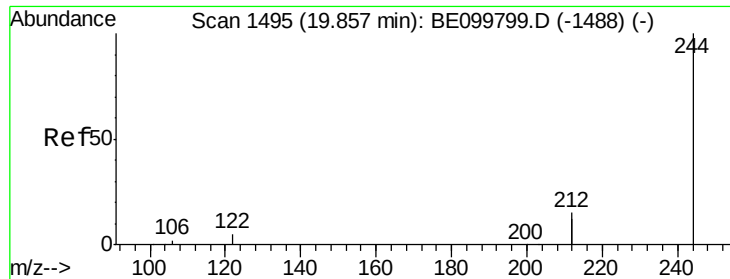


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.556 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604

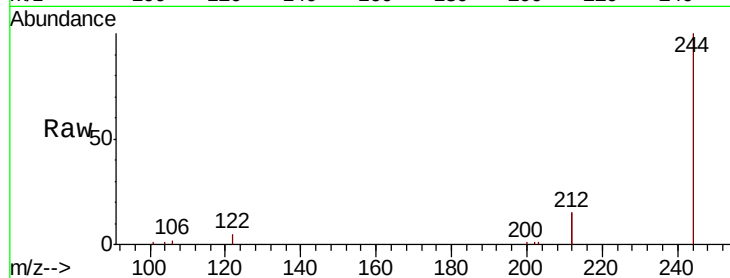
Tgt Ion:244 Resp: 13389

Ion Ratio Lower Upper

244 100

212 29.1 23.7 35.5

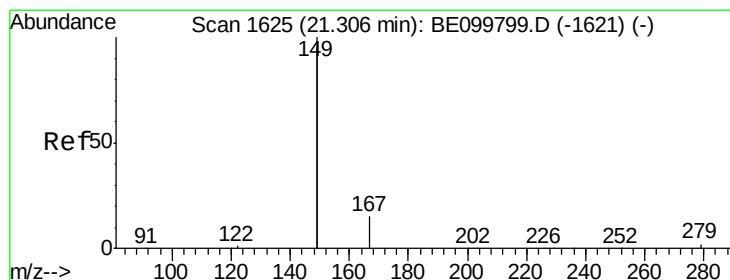
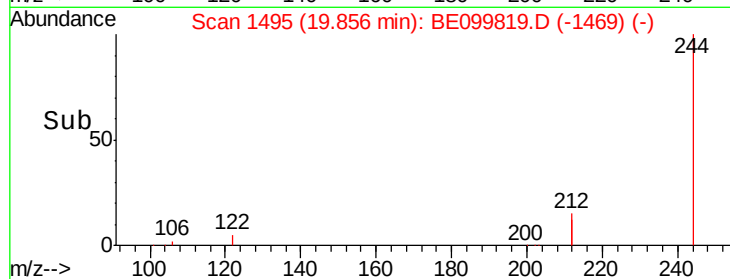
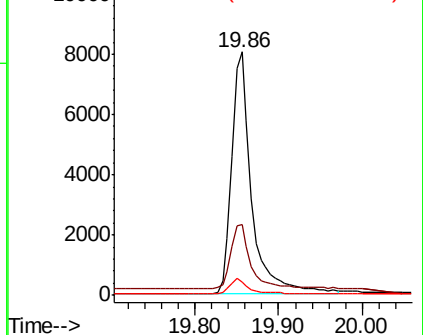
122 5.4 4.8 7.2



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: 0.057 ng

RT: 21.30 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

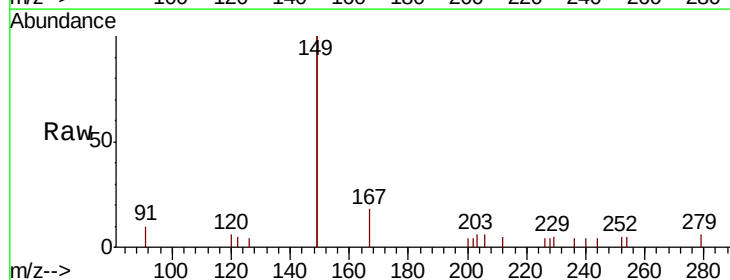
Tgt Ion:149 Resp: 2675

Ion Ratio Lower Upper

149 100

167 8.8 6.0 9.0

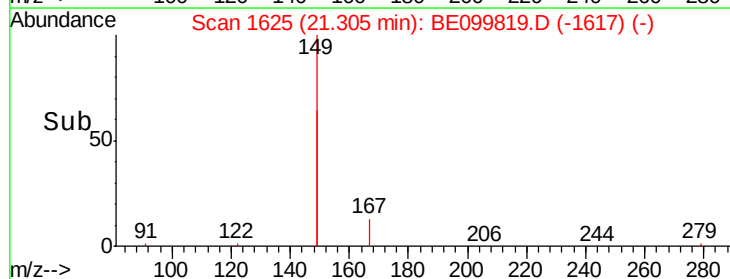
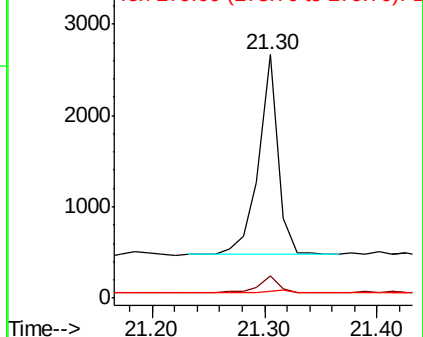
279 2.6 1.2 1.8#

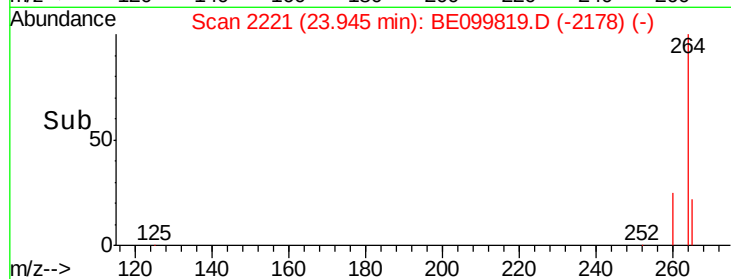
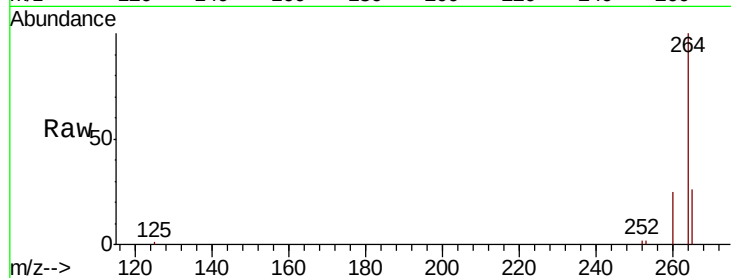
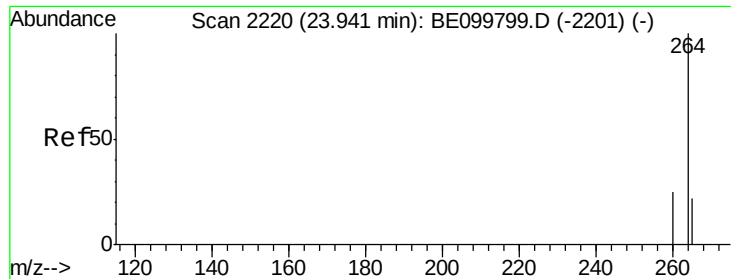


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.94 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BE099819.D

Acq: 6 Jun 2019 12:18

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604

Tgt Ion: 264 Resp: 16888

Ion Ratio Lower Upper

264 100

260 25.5 20.0 30.0

265 25.9 20.7 31.1

