

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099877.D
 Acq On : 8 Jun 2019 9:09
 Operator : JU/SJ
 Sample : K3249-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW302S-20190606

Quant Time: Jun 08 16:53:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	619	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2092	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1661	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5164	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10084	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11918	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	291	0.14	ng	0.00
5) Phenol-d6	6.97	99	243	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	838	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1371	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	439	0.27	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2705	0.45	ng	0.00
25) Fluoranthene-d10	19.25	212	32156	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	9502	0.51	ng	-0.01

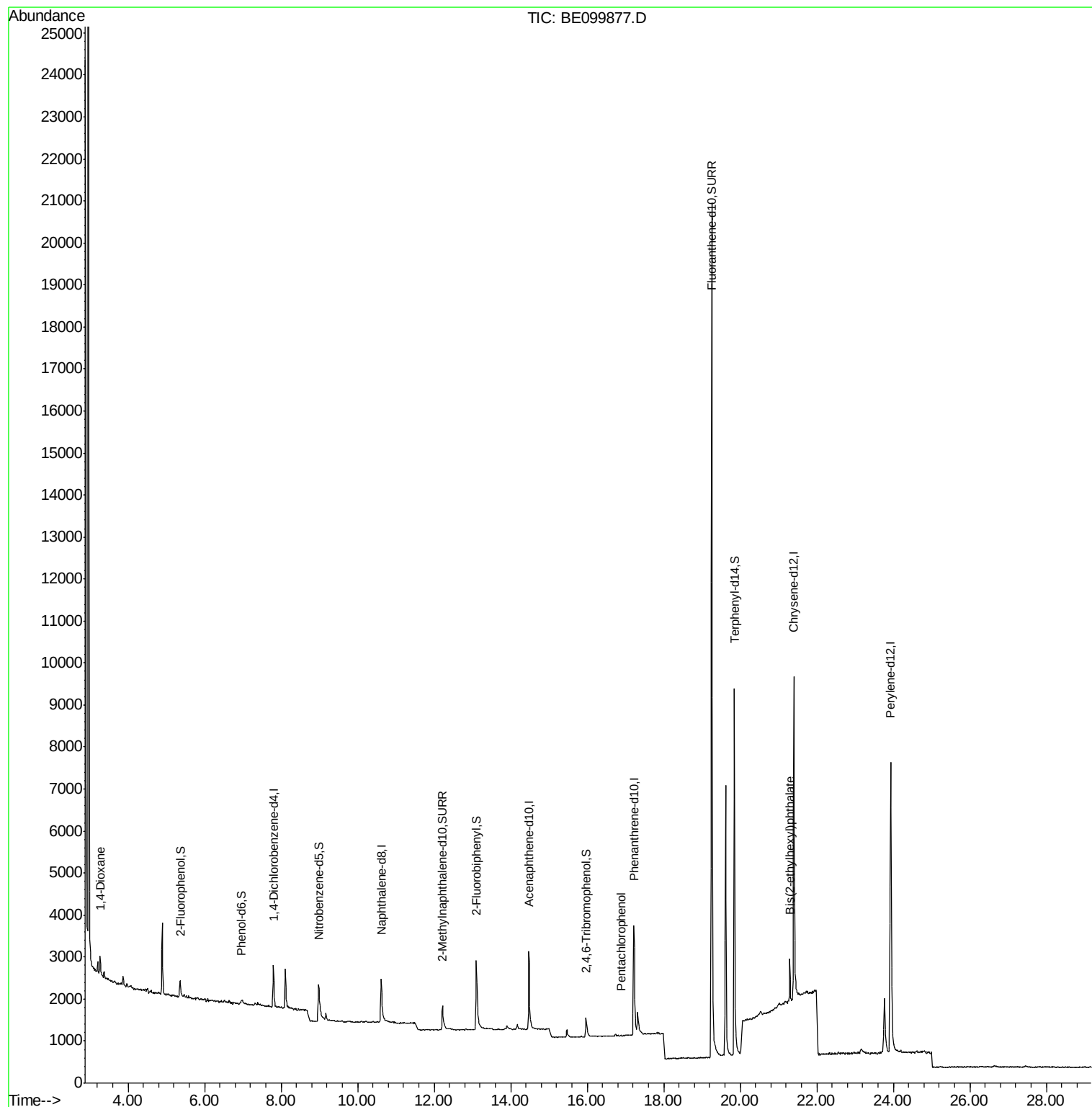
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	322	0.368	ng	# 79
22) Pentachlorophenol	16.88	266	4	0.231	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.29	149	1328	0.025	ng	# 97

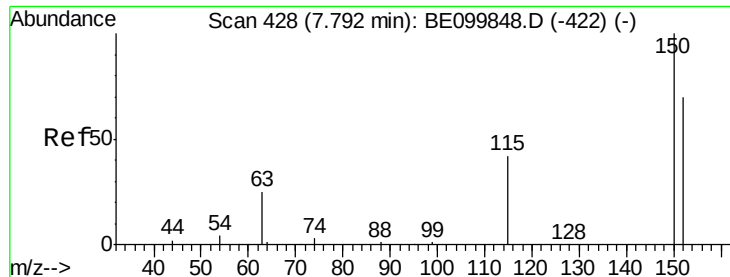
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.01 min

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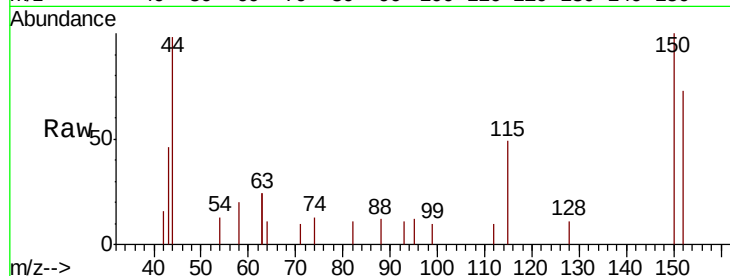
Tot Ion:152 Resp: 619

Ion Ratio Lower Upper

152 100

150 137.6 112.8 169.2

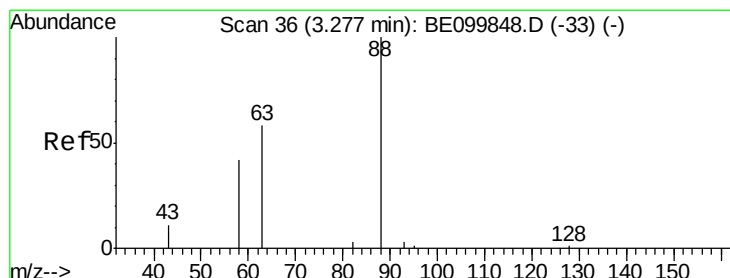
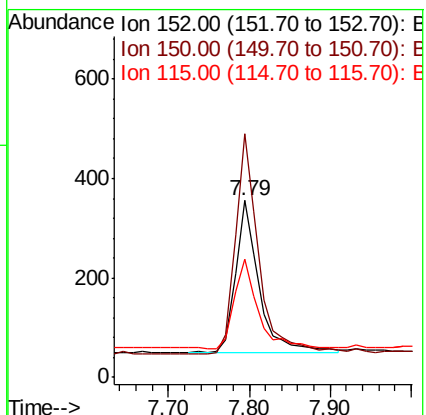
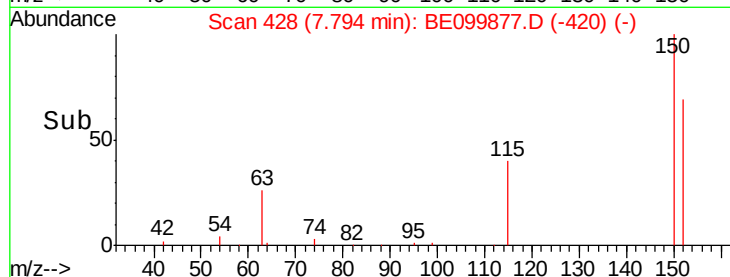
115 66.9 47.6 71.4



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: 0.368 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.01 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

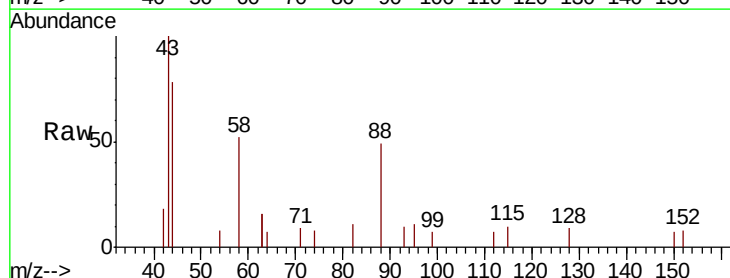
Tgt Ion: 88 Resp: 322

Ion Ratio Lower Upper

88 100

58 61.5 47.3 70.9

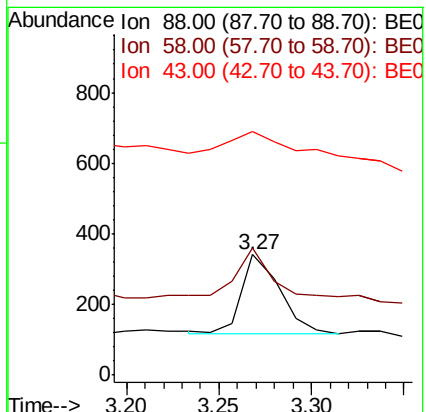
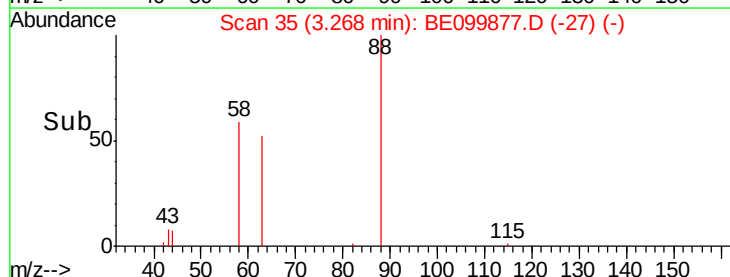
43 54.7 18.2 27.4#

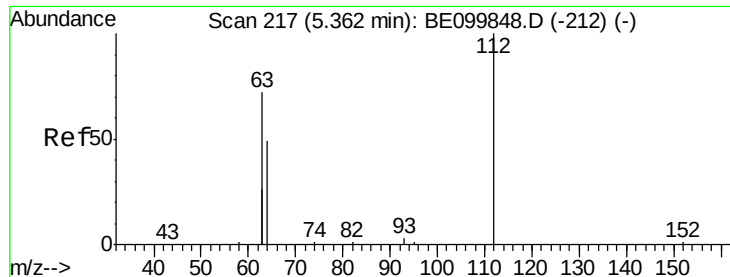


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

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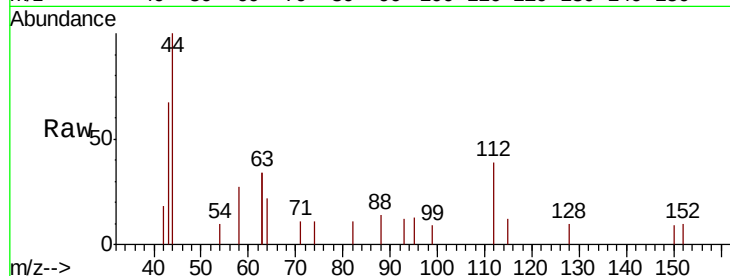
Tot Ion: 112 Resp: 291

Ion Ratio Lower Upper

112 100

64 56.4 47.2 70.8

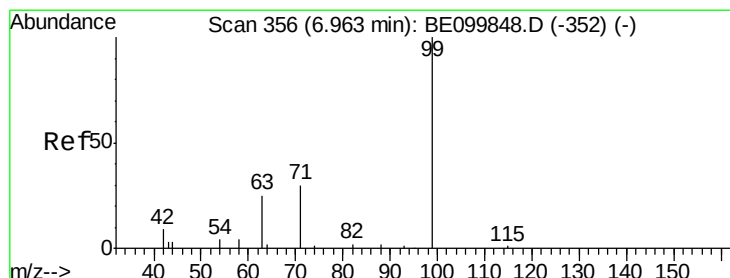
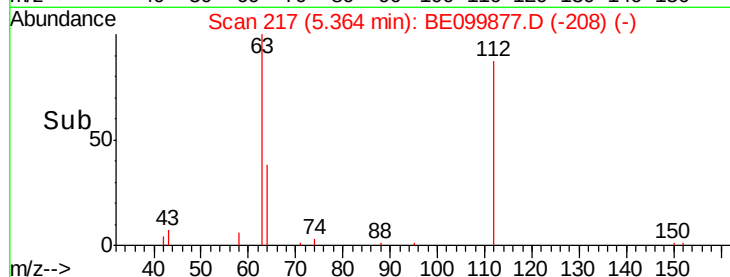
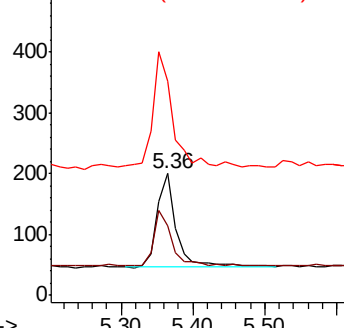
63 117.2 90.7 136.1



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

Phenol-d6

Concen: 0.095 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

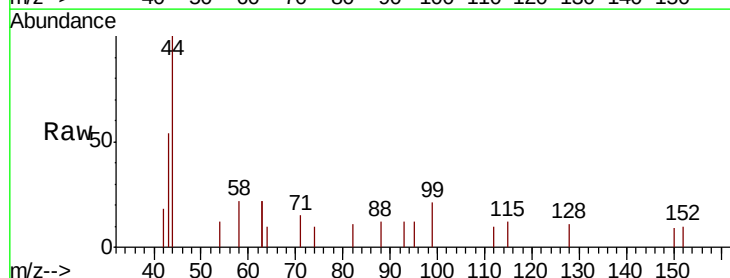
Tgt Ion: 99 Resp: 243

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

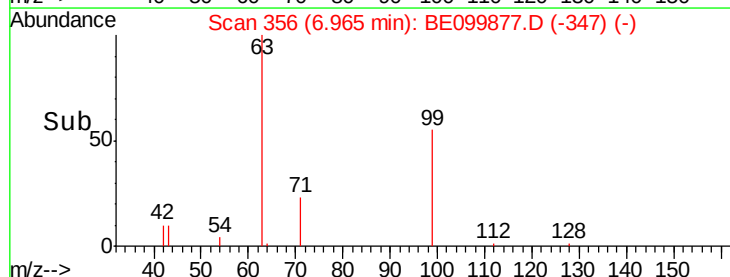
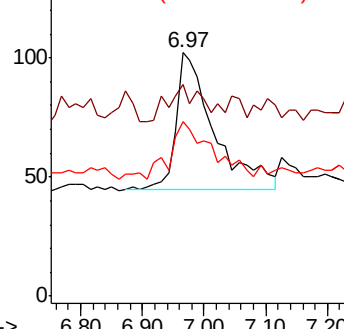
71 42.8 26.1 39.1#

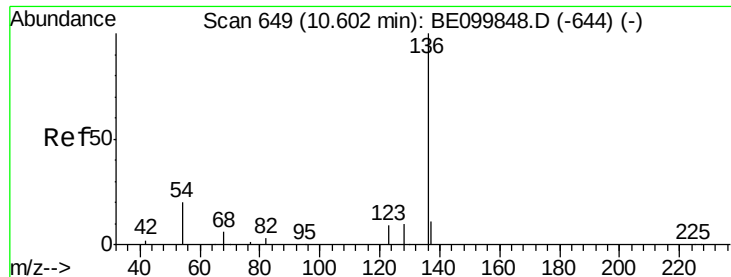


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

Instrument :

BNA_E

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BPS1-TT-MW302S-20190606

Tot Ion:136 Resp: 2092

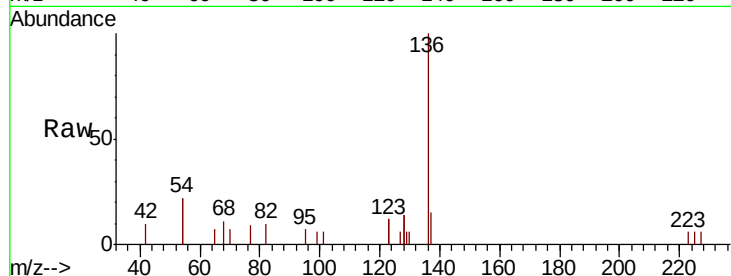
Ion Ratio Lower Upper

136 100

137 15.2 11.1 16.7

54 44.1 17.9 26.9#

68 11.4 5.4 8.0#

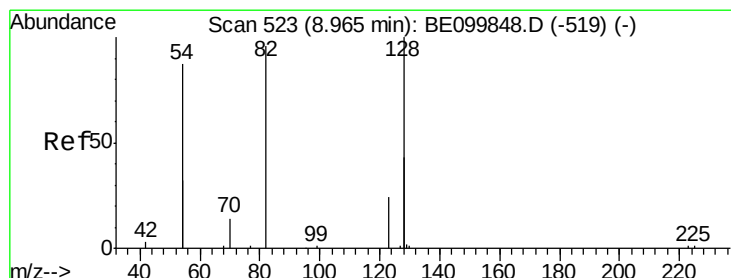
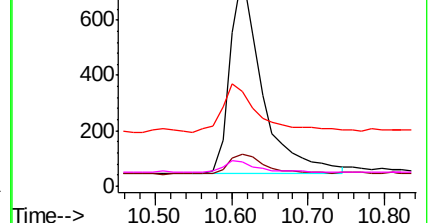
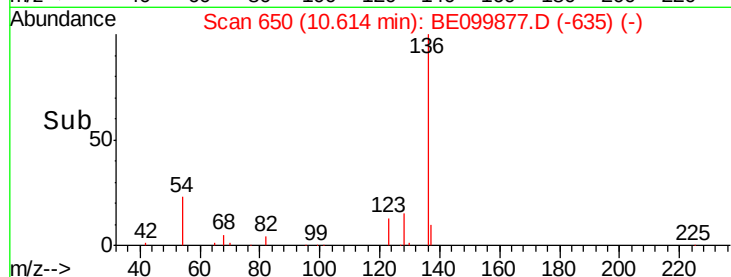


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.397 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

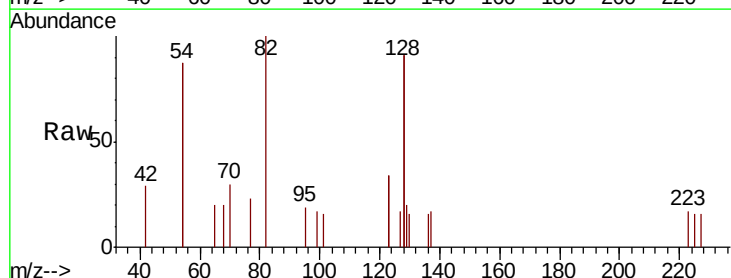
Tgt Ion: 82 Resp: 838

Ion Ratio Lower Upper

82 100

128 182.9 116.6 175.0#

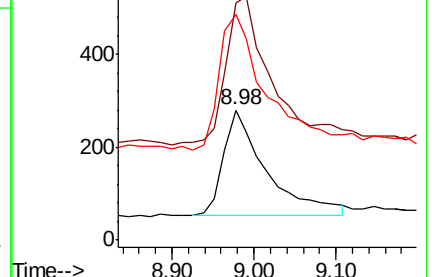
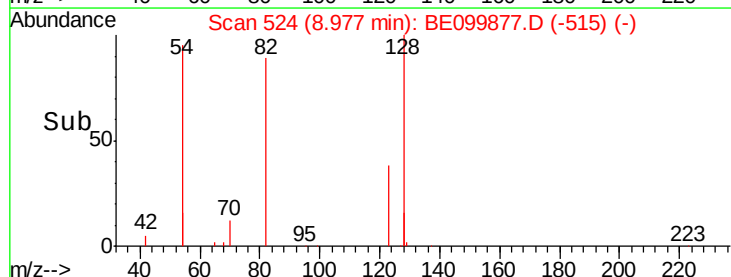
54 173.6 136.2 204.4

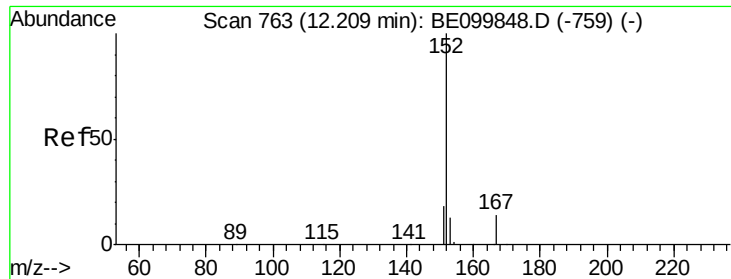


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

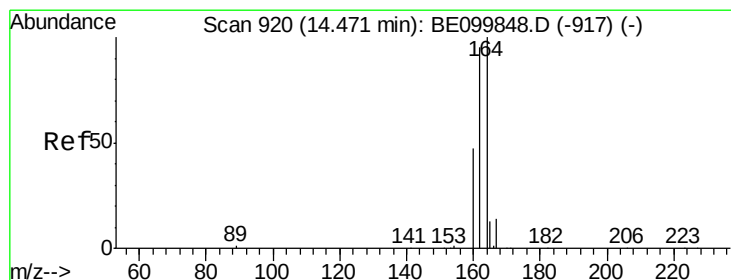
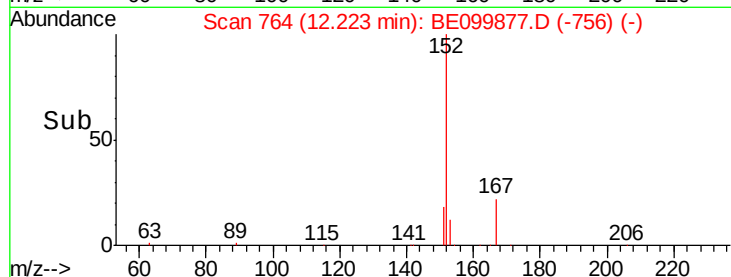
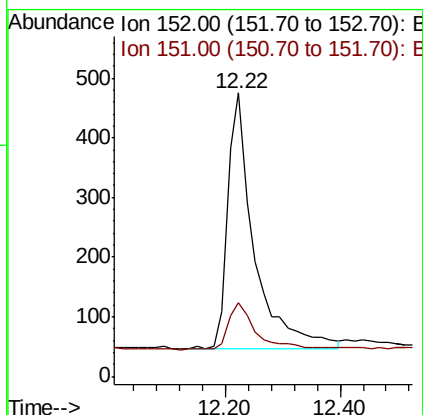
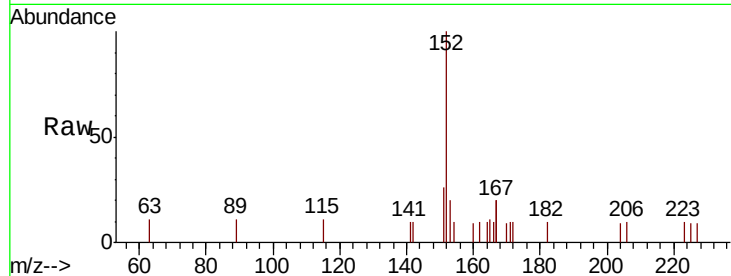




#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099877.D
Acq: 8 Jun 2019 9:09

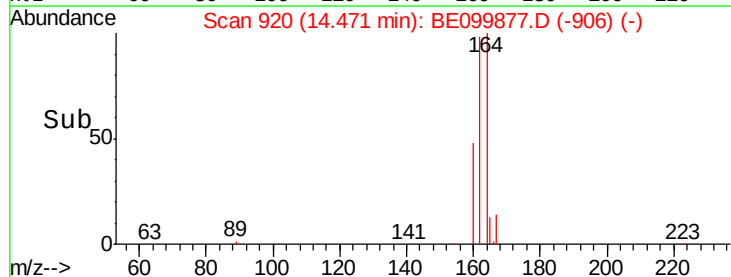
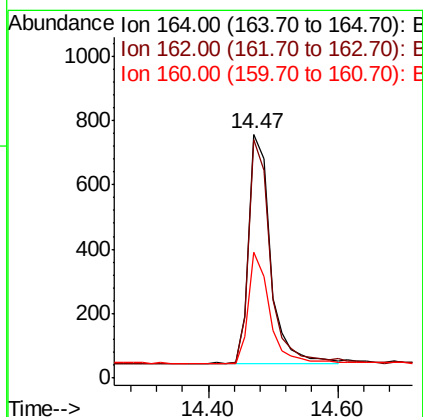
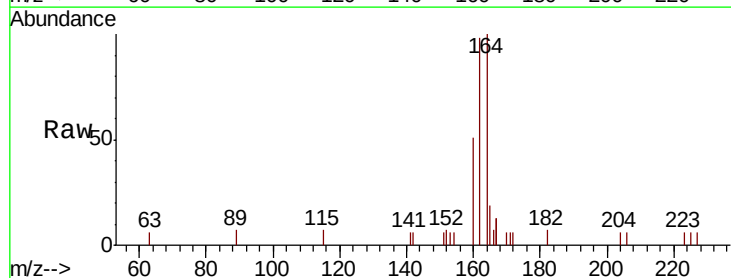
Instrument :
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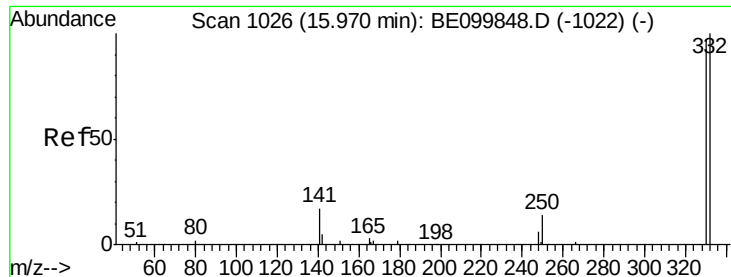
Tot Ion:152 Resp: 1371
Ion Ratio Lower Upper
152 100
151 17.9 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099877.D
Acq: 8 Jun 2019 9:09

Tgt Ion:164 Resp: 1661
Ion Ratio Lower Upper
164 100
162 97.9 77.2 115.8
160 51.5 39.4 59.2

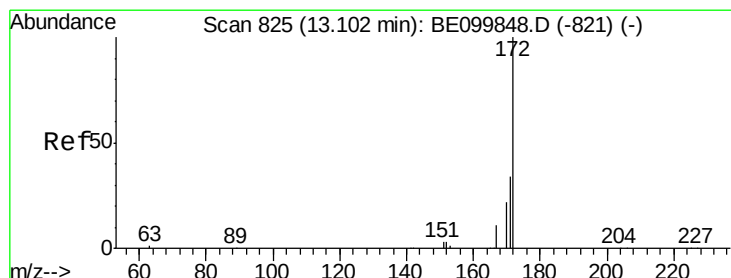
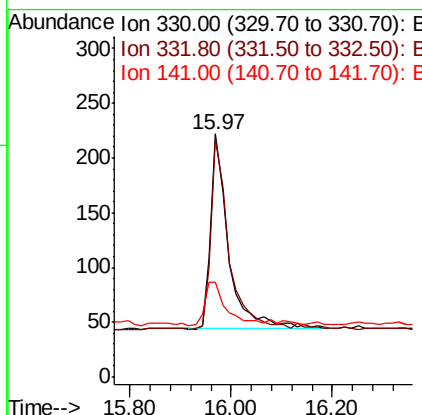
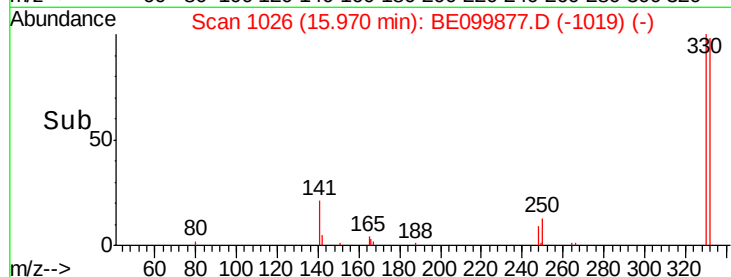
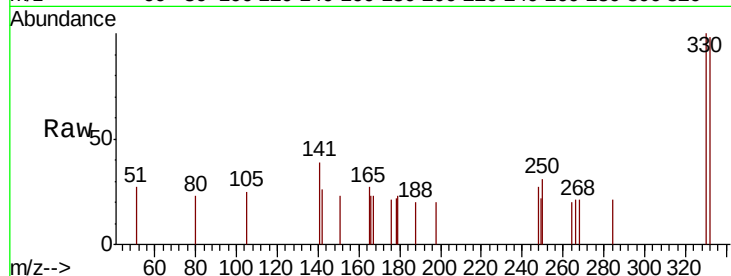




#14
 2,4,6-Tribromophenol
 Concen: 0.267 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099877.D
 Acq: 8 Jun 2019 9:09

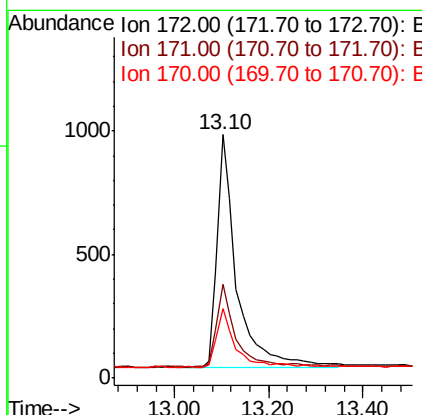
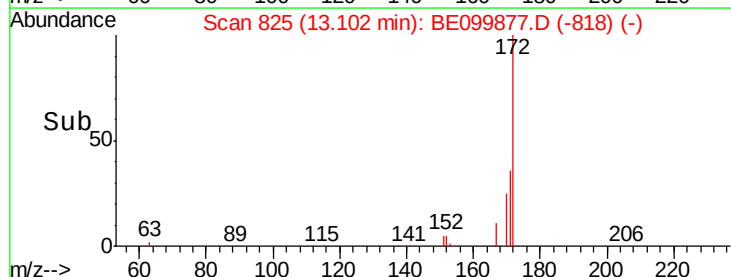
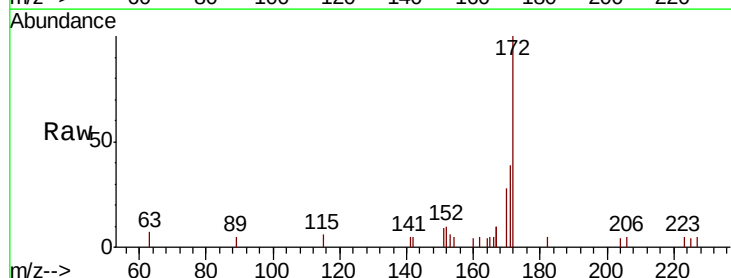
Instrument :
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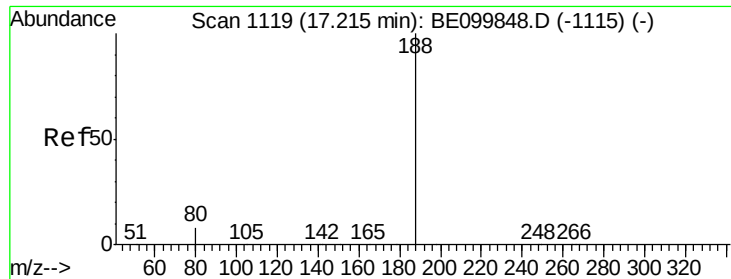
Tot Ion:330 Resp: 439
 Ion Ratio Lower Upper
 330 100
 332 98.2 74.9 112.3
 141 26.2 16.0 24.0#



#15
 2-Fluorobiphenyl
 Concen: 0.451 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099877.D
 Acq: 8 Jun 2019 9:09

Tgt Ion:172 Resp: 2705
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.2 45.4
 170 28.3 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20190606

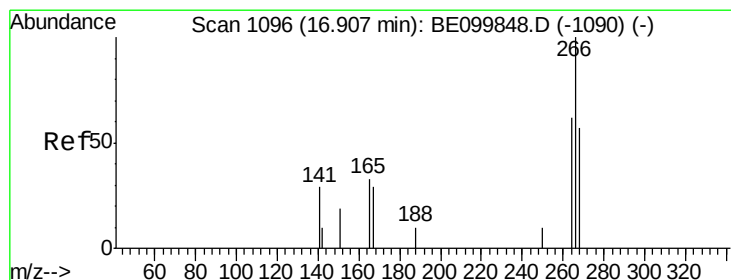
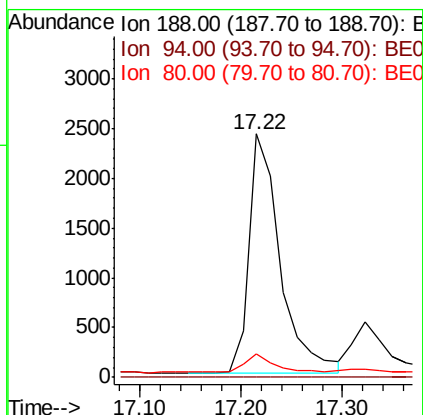
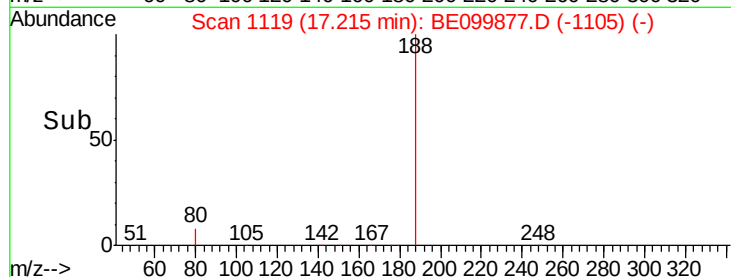
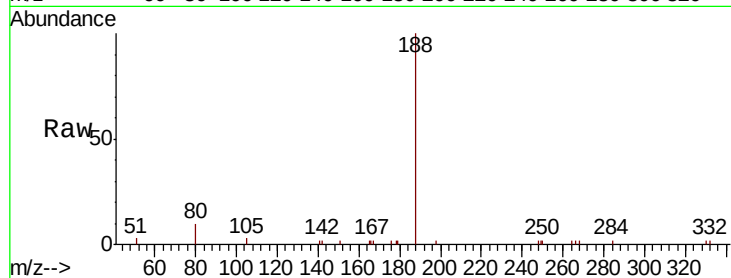
Tot Ion:188 Resp: 5164

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 5.2 7.8#



#22

Pentachlorophenol

Concen: 0.231 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

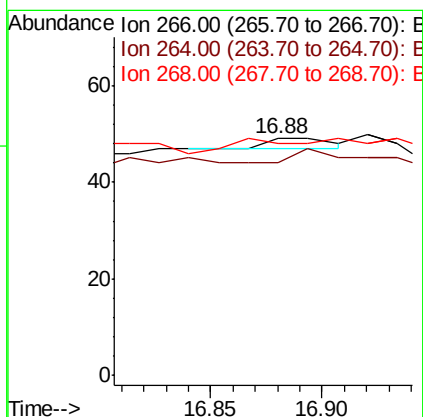
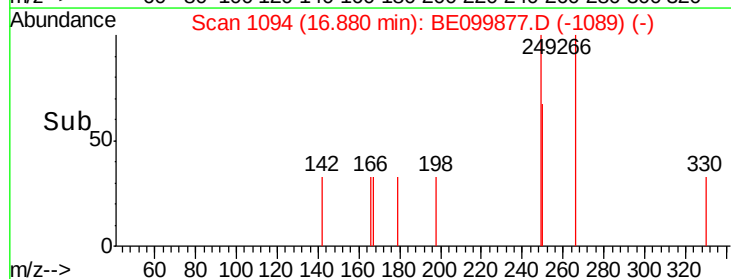
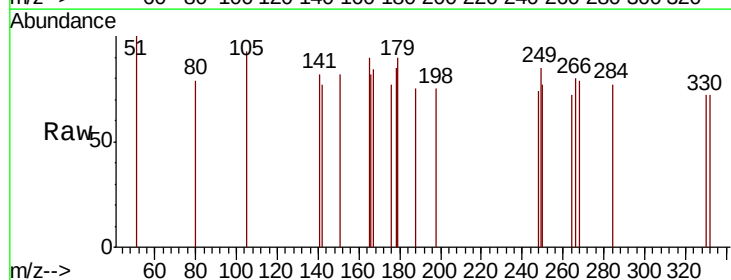
Tgt Ion:266 Resp: 4

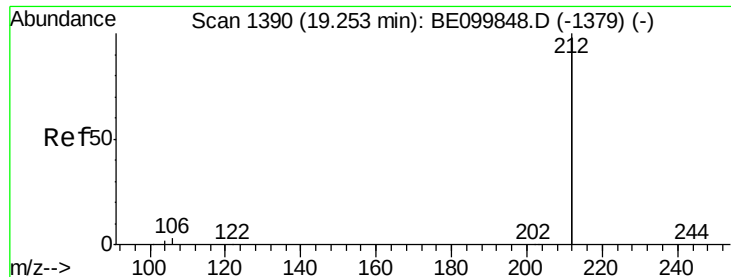
Ion Ratio Lower Upper

266 100

264 89.8 64.9 97.3

268 98.0 64.0 96.0#





#25

Fluoranthene-d10

Concen: 0.402 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

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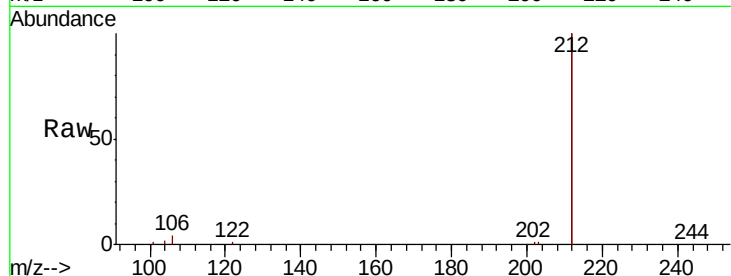
Tot Ion:212 Resp: 32156

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

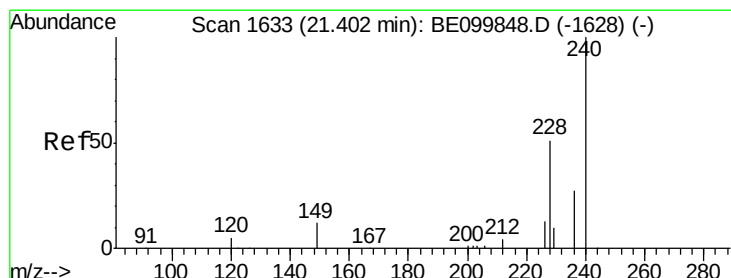
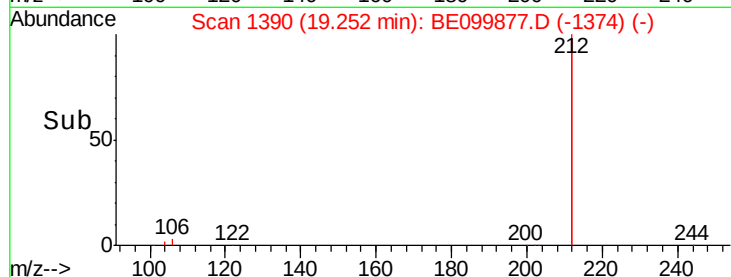
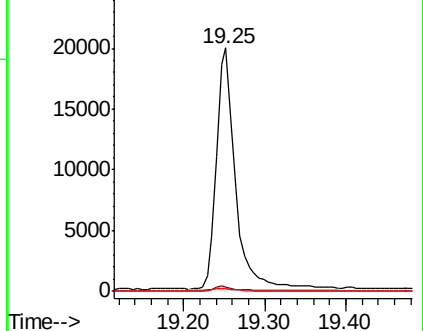
104 1.0 0.8 1.2



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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

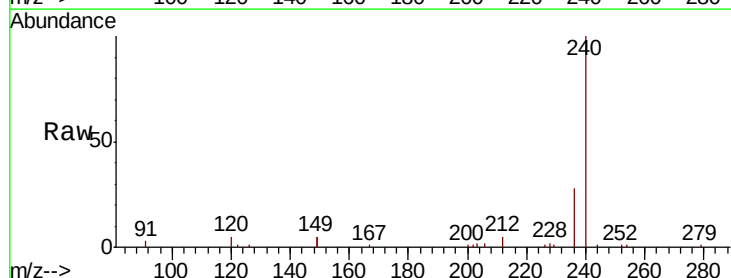
Tgt Ion:240 Resp: 10084

Ion Ratio Lower Upper

240 100

120 5.0 2.8 4.2#

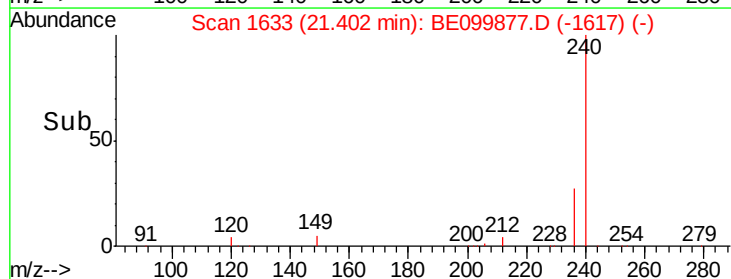
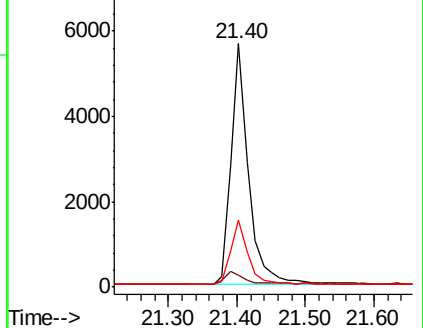
236 27.6 20.9 31.3

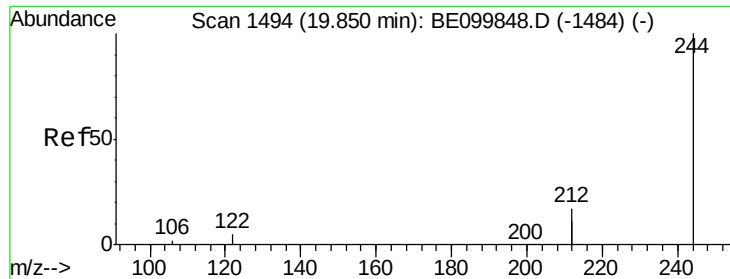


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.505 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20190606

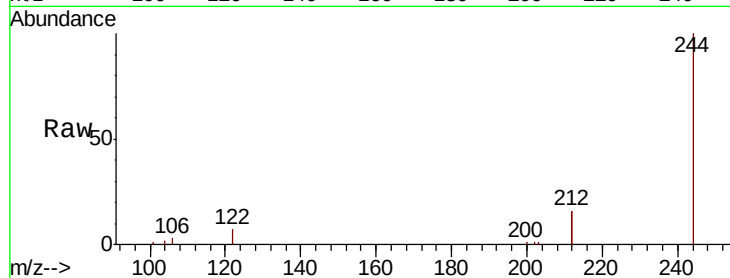
Tot Ion:244 Resp: 9502

Ion Ratio Lower Upper

244 100

212 31.0 23.7 35.5

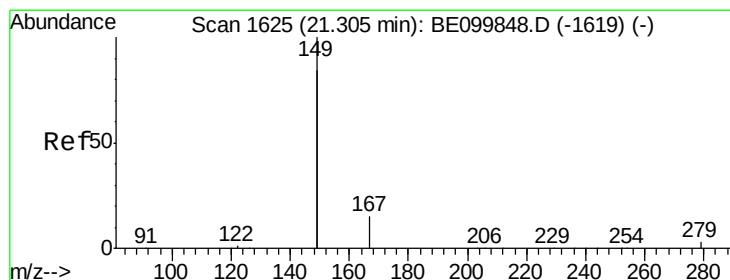
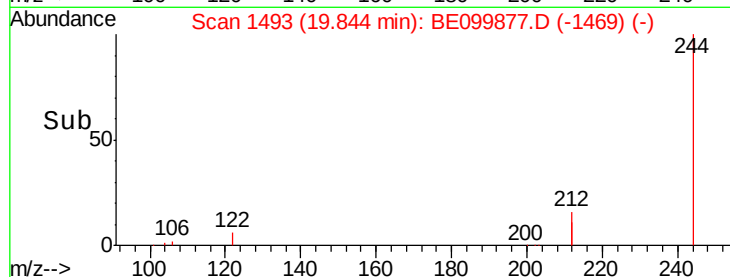
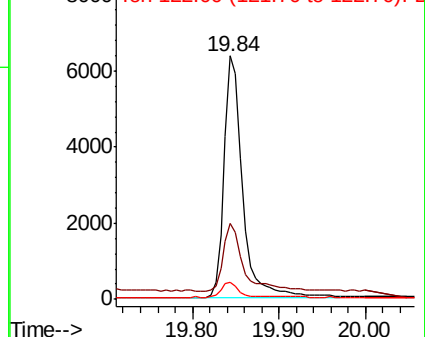
122 7.2 4.8 7.2#



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: 0.025 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

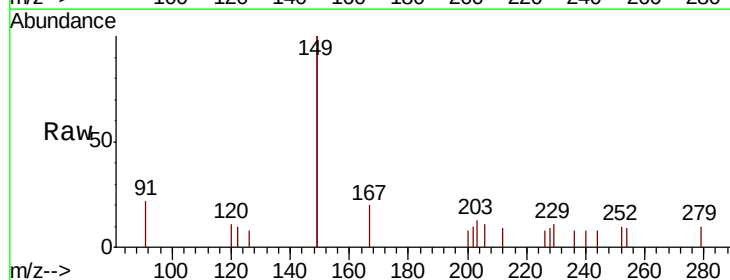
Tgt Ion:149 Resp: 1328

Ion Ratio Lower Upper

149 100

167 8.7 6.0 9.0

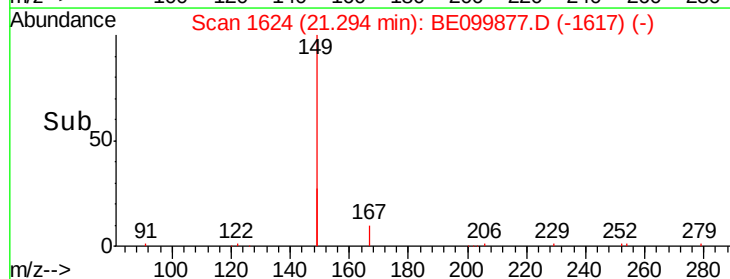
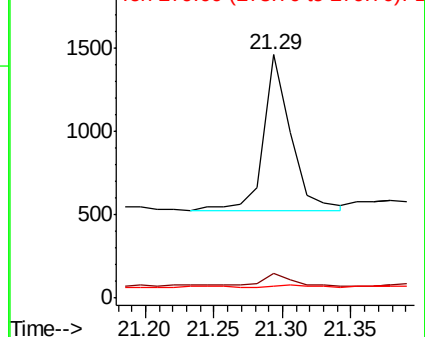
279 2.0 1.2 1.8#

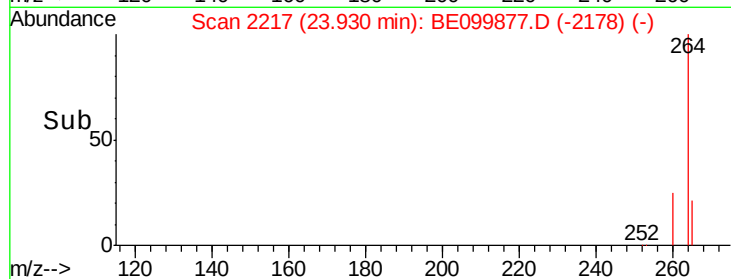
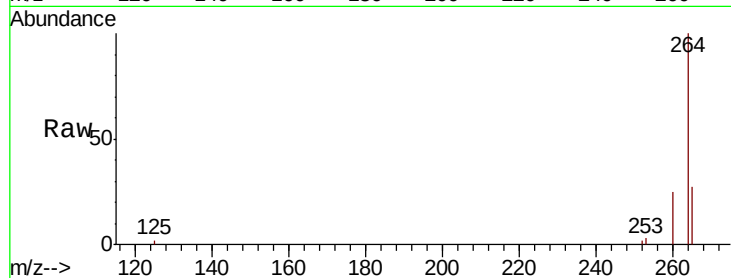
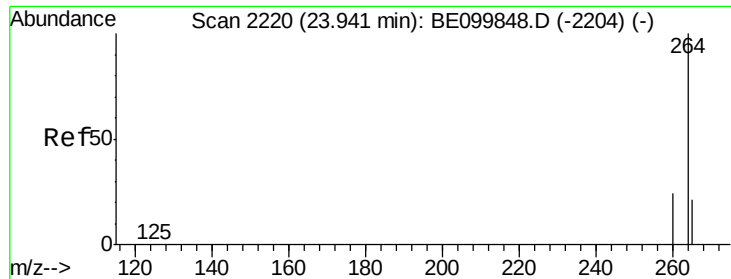


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BE099877.D

Acq: 8 Jun 2019 9:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20190606

Tot Ion: 264 Resp: 11918

Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

265 27.0 20.7 31.1

