

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099875.D
 Acq On : 8 Jun 2019 7:58
 Operator : JU/SJ
 Sample : K3249-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305S-20190606

Quant Time: Jun 08 16:53:11 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	636	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2133	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1686	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5100	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9076	0.40	ng	-0.01
34) Perylene-d12	23.93	264	10904	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	289	0.14	ng	0.00
5) Phenol-d6	6.97	99	207	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	863	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1287	0.33	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	488	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2679	0.44	ng	0.00
25) Fluoranthene-d10	19.25	212	30260	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	9099	0.54	ng	-0.01

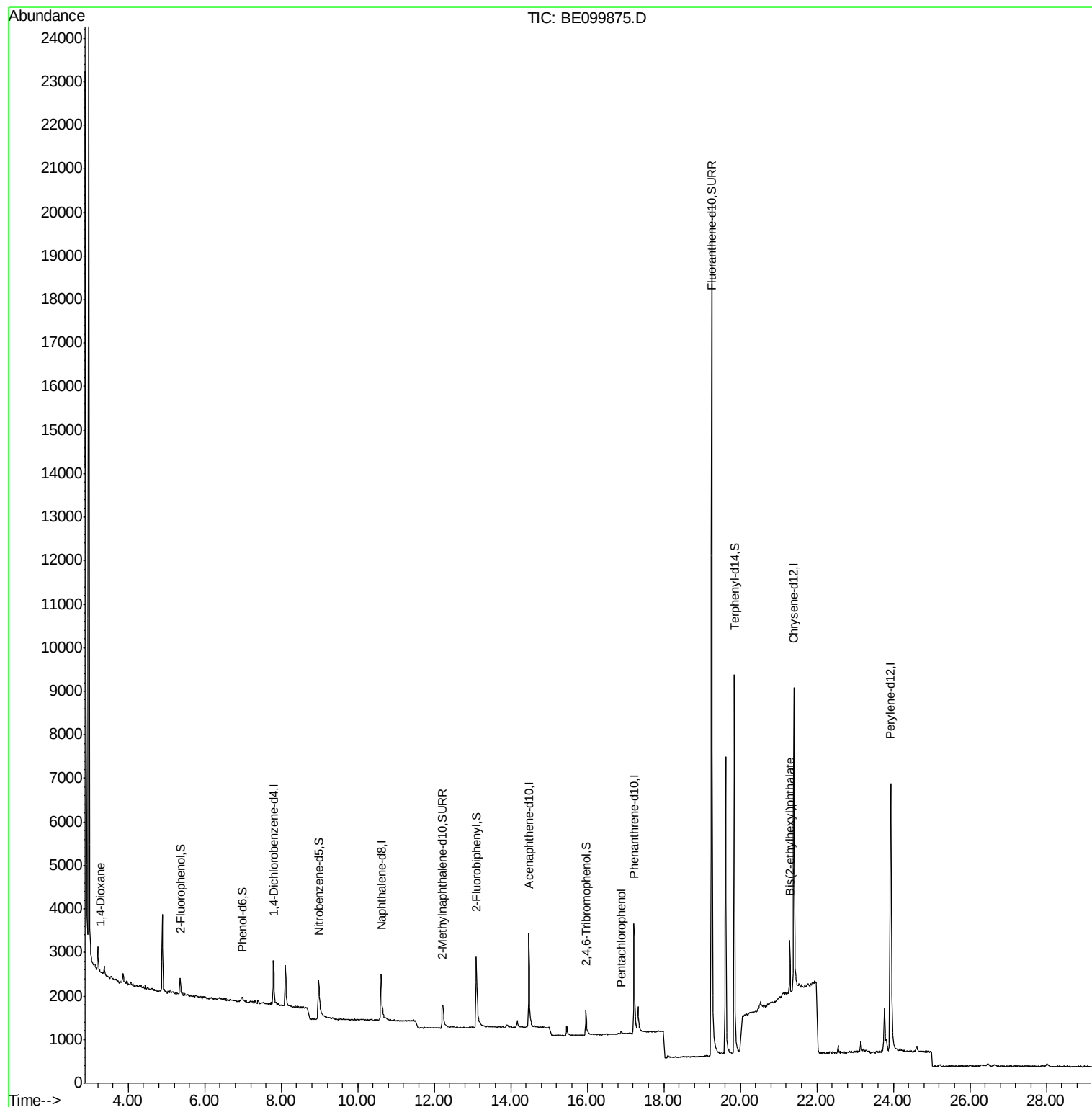
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	66	0.055	ng	# 77
22) Pentachlorophenol	16.88	266	63	0.290	ng	93
32) Bis(2-ethylhexyl)phthalate	21.29	149	1611	0.034	ng	# 97

(#) = 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

Lab File: BE099875.D

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BNA_E

ClientSampleId :

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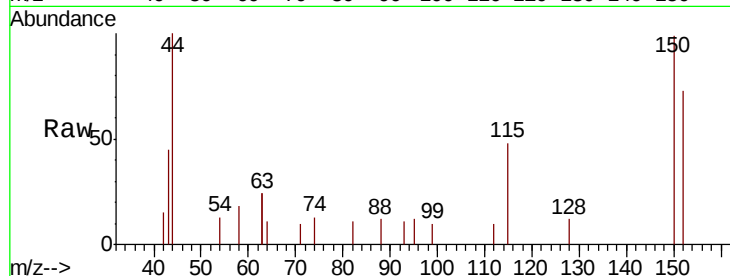
Tot Ion:152 Resp: 636

Ion Ratio Lower Upper

152 100

150 135.1 112.8 169.2

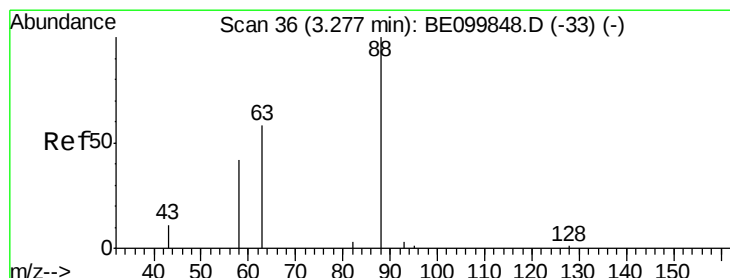
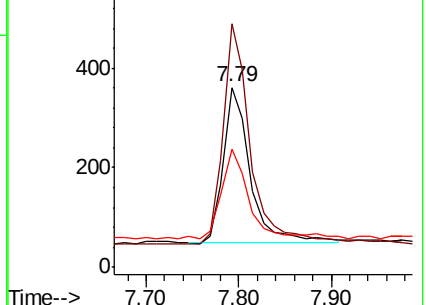
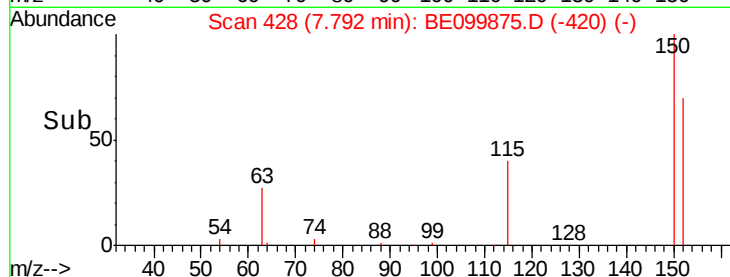
115 65.2 47.6 71.4



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: 0.055 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.01 min

Lab File: BE099875.D

Acq: 8 Jun 2019 7:58

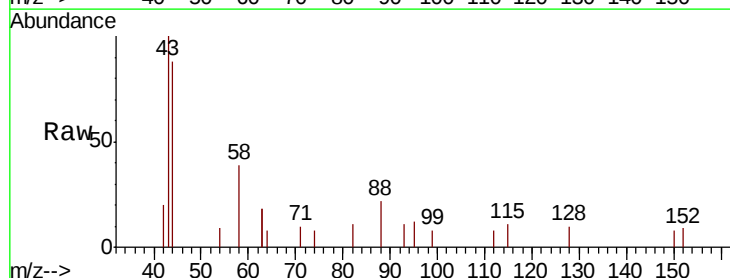
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

58 48.5 47.3 70.9

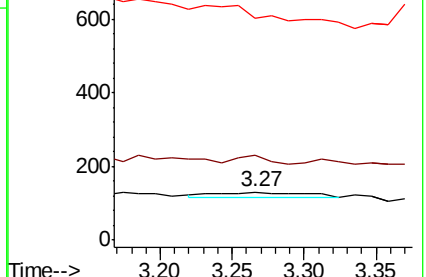
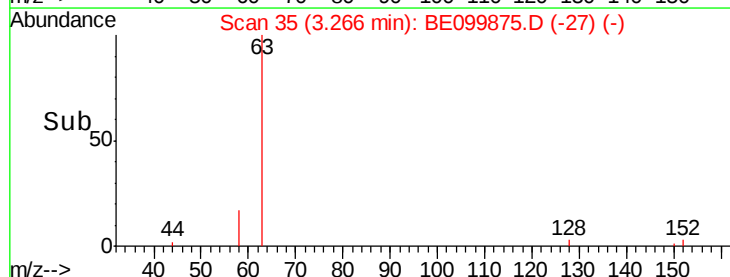
43 0.0 18.2 27.4#

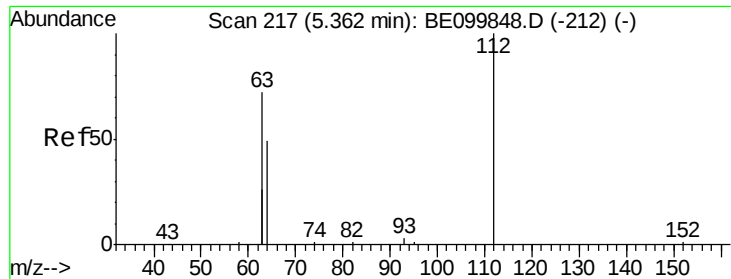


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.136 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BE099875.D

Acq: 8 Jun 2019 7:58

Instrument :

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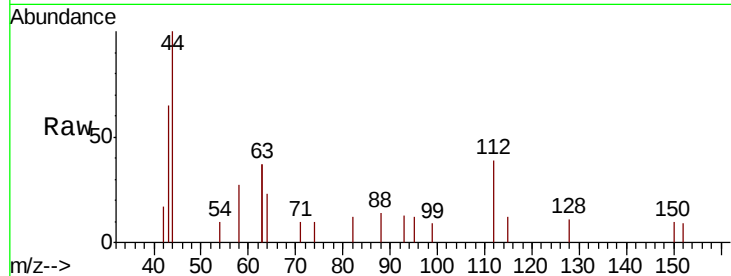
Tot Ion: 112 Resp: 289

Ion Ratio Lower Upper

112 100

64 49.5 47.2 70.8

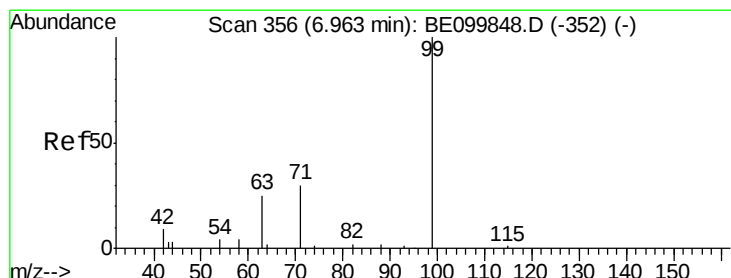
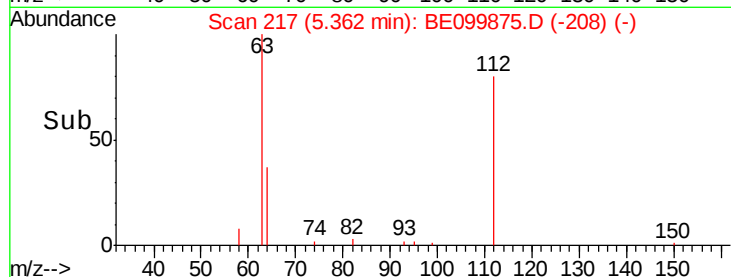
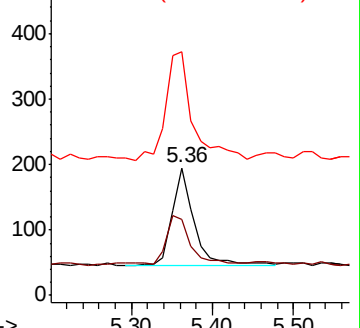
63 134.3 90.7 136.1



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: 0.079 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099875.D

Acq: 8 Jun 2019 7:58

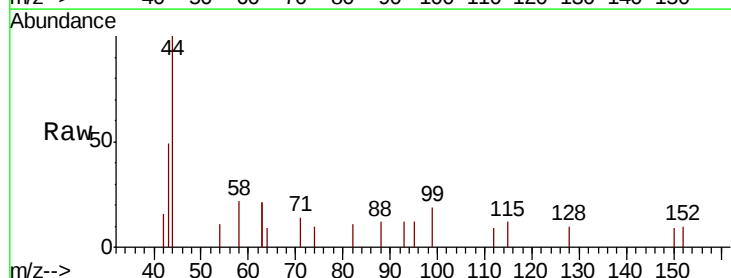
Tgt Ion: 99 Resp: 207

Ion Ratio Lower Upper

99 100

42 10.1 11.0 16.4#

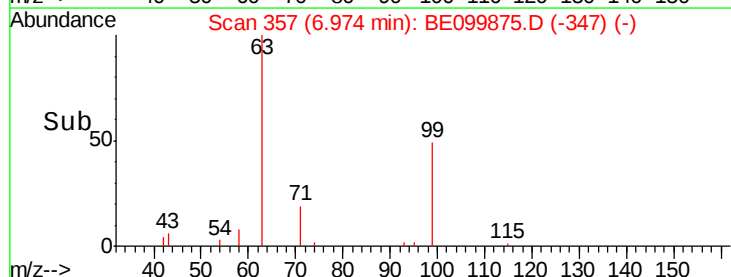
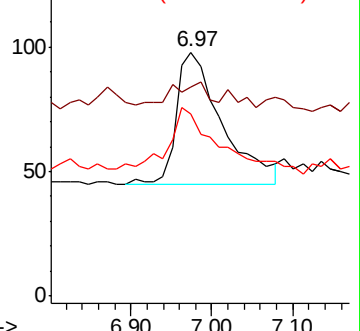
71 0.0 26.1 39.1#

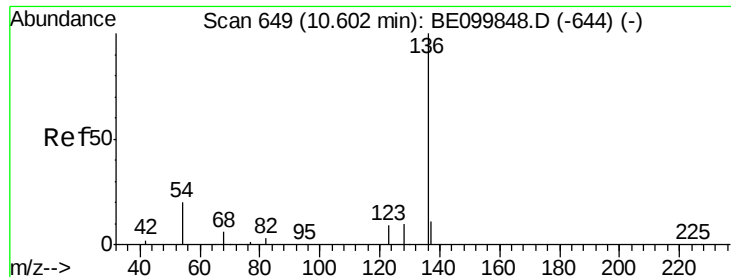


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099875.D

Acq: 8 Jun 2019 7:58

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20190606

Tot Ion:136 Resp: 2133

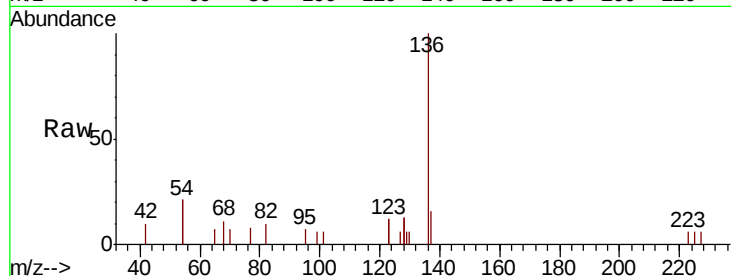
Ion Ratio Lower Upper

136 100

137 16.2 11.1 16.7

54 41.5 17.9 26.9#

68 11.2 5.4 8.0#

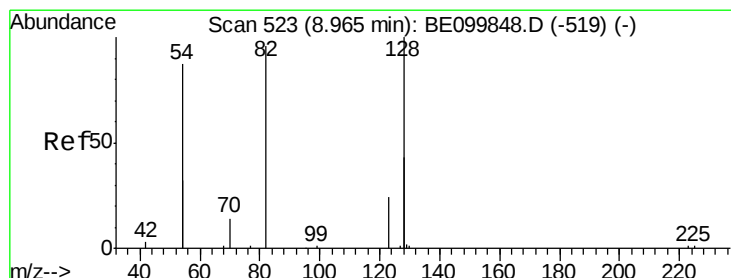
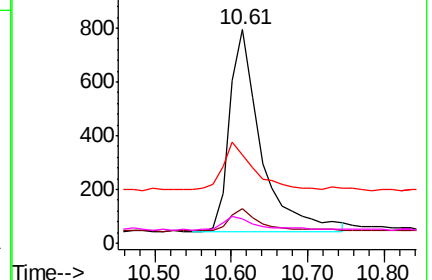
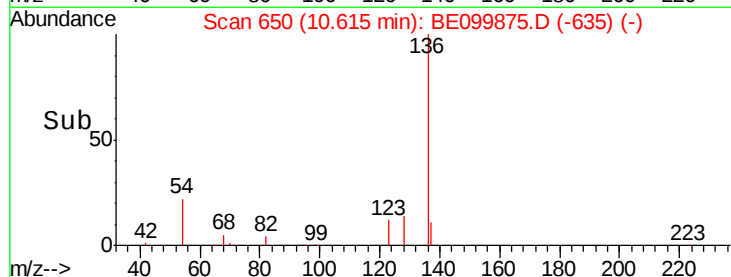


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099875.D

Acq: 8 Jun 2019 7:58

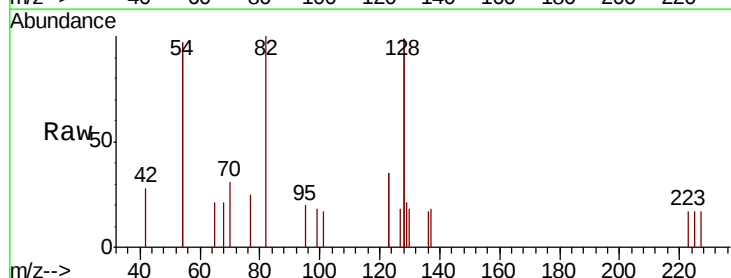
Tgt Ion: 82 Resp: 863

Ion Ratio Lower Upper

82 100

128 197.8 116.6 175.0#

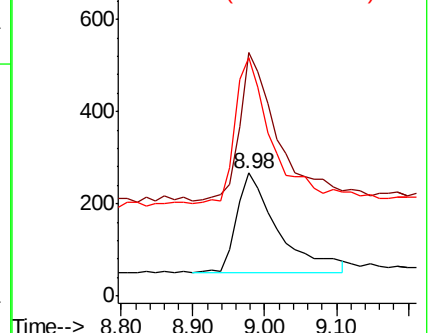
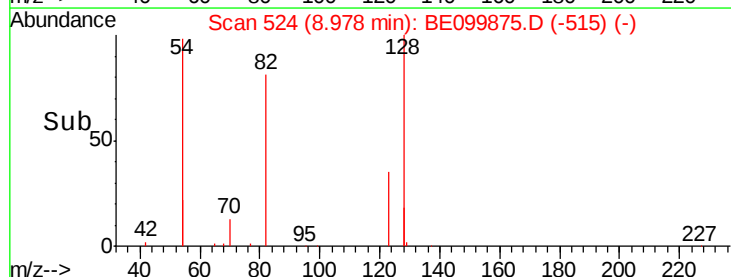
54 193.3 136.2 204.4

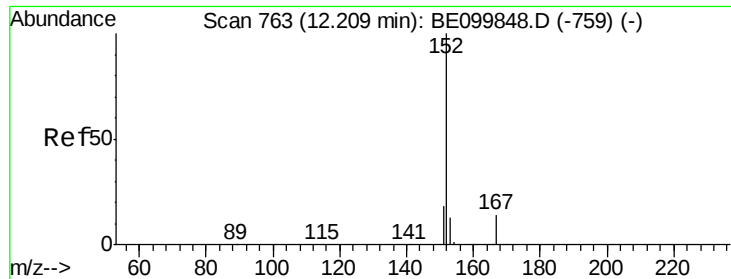


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

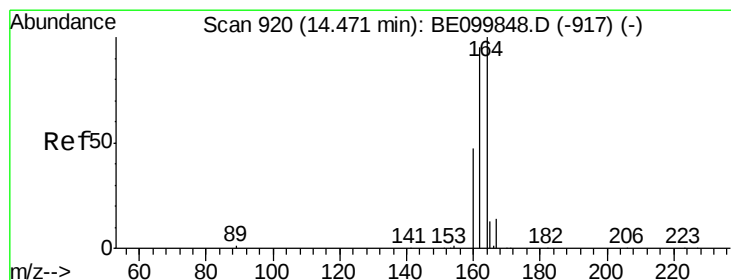
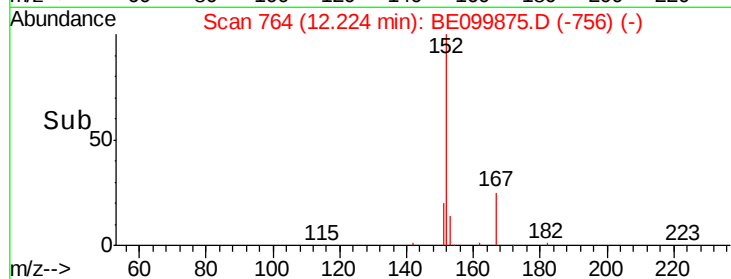
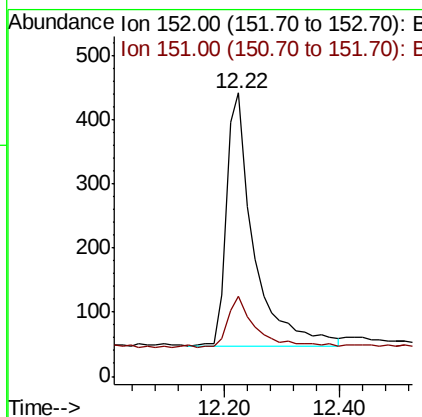
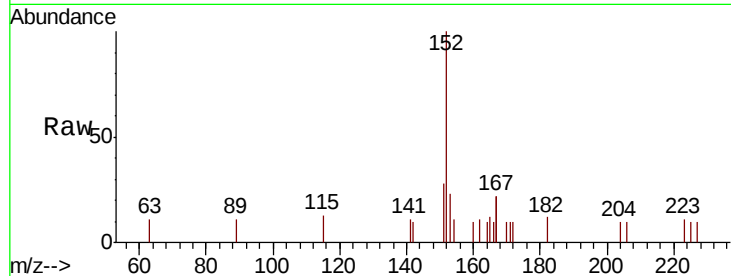




#11
 2-Methylnaphthalene-d10
 Concen: 0.333 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BE099875.D
 Acq: 8 Jun 2019 7:58

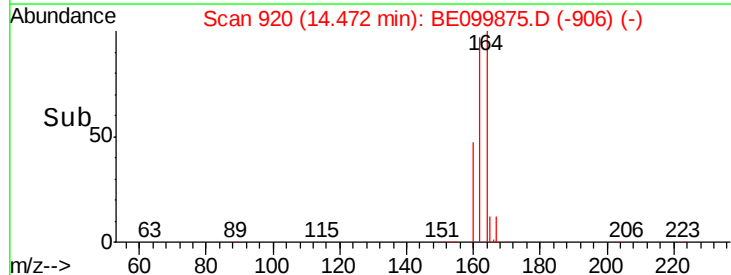
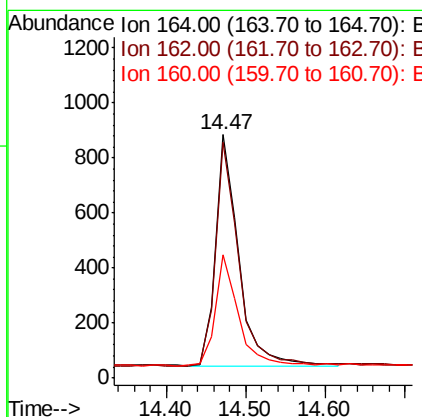
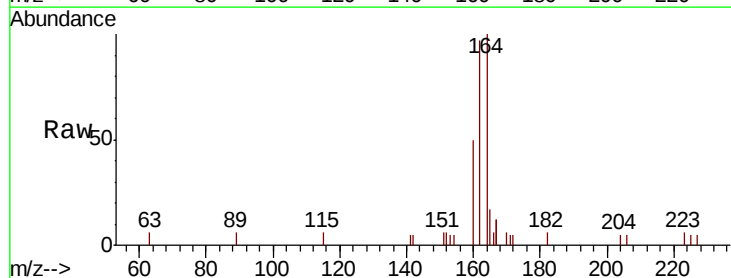
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305S-20190606

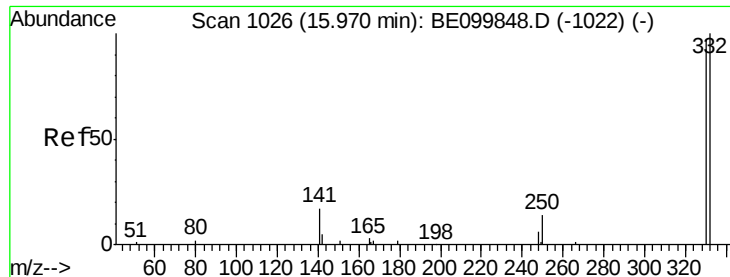
Tot Ion:152 Resp: 1287
 Ion Ratio Lower Upper
 152 100
 151 21.4 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099875.D
 Acq: 8 Jun 2019 7:58

Tgt Ion:164 Resp: 1686
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.2 115.8
 160 50.4 39.4 59.2

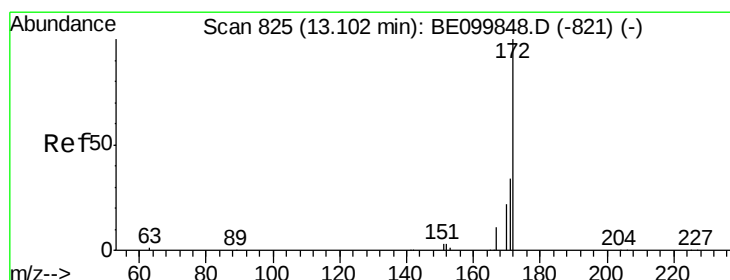
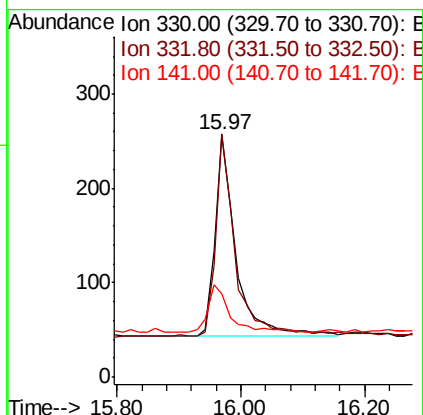
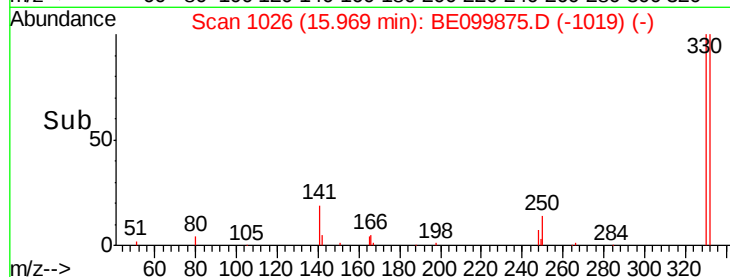
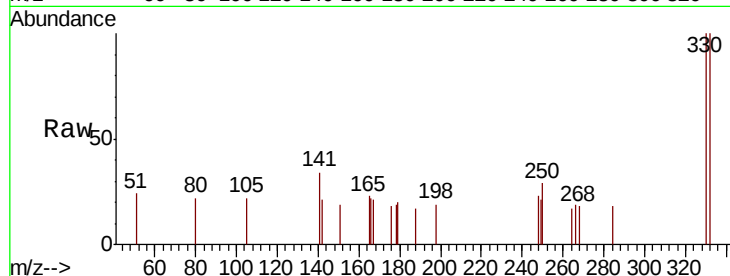




#14
 2,4,6-Tribromophenol
 Concen: 0.293 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099875.D
 Acq: 8 Jun 2019 7:58

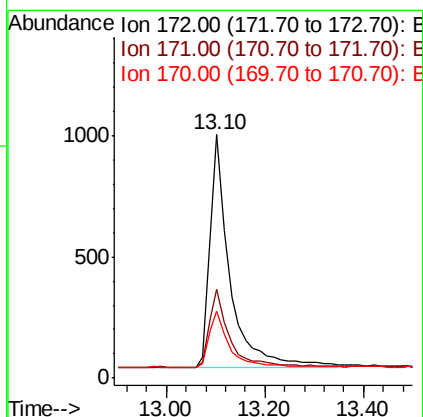
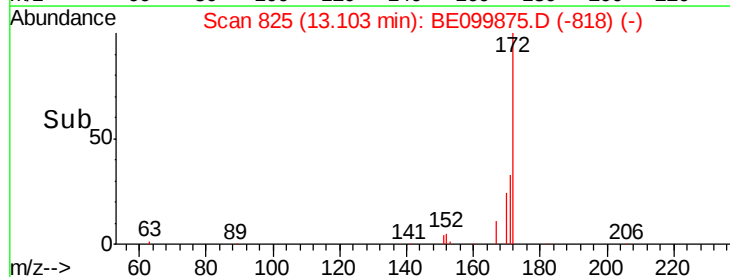
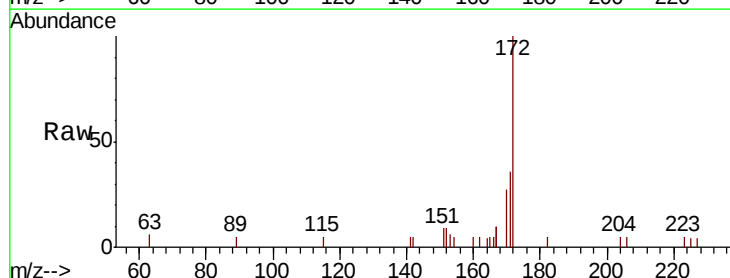
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305S-20190606

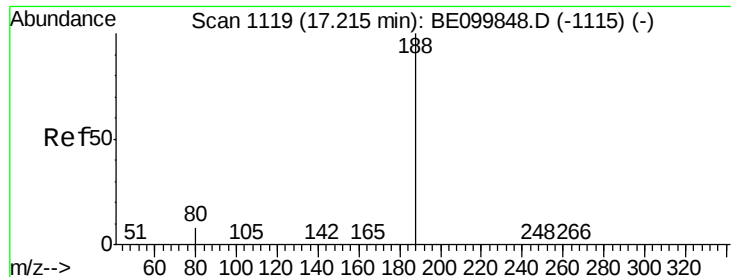
Tot Ion:330 Resp: 488
 Ion Ratio Lower Upper
 330 100
 332 96.7 74.9 112.3
 141 27.0 16.0 24.0#



#15
 2-Fluorobiphenyl
 Concen: 0.440 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099875.D
 Acq: 8 Jun 2019 7:58

Tgt Ion:172 Resp: 2679
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.2 45.4
 170 27.3 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099875.D

Acq: 8 Jun 2019 7:58

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20190606

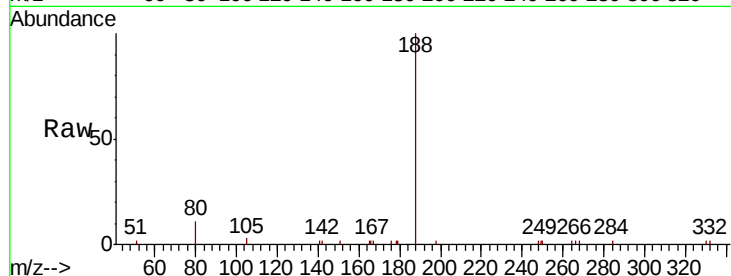
Tot Ion:188 Resp: 5100

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

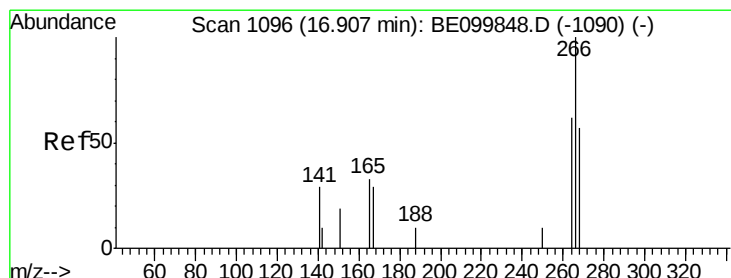
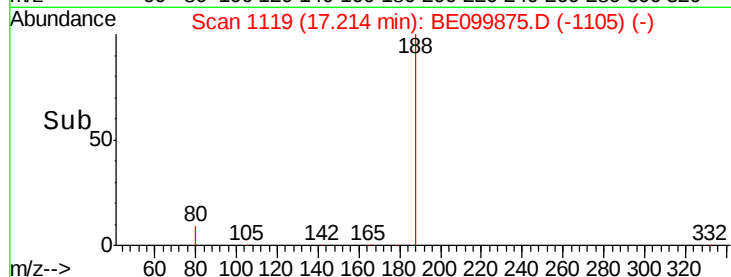
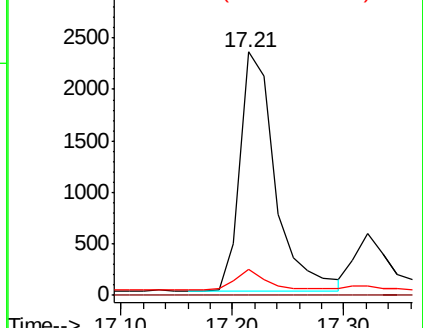
80 10.8 5.2 7.8#



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: 0.290 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BE099875.D

Acq: 8 Jun 2019 7:58

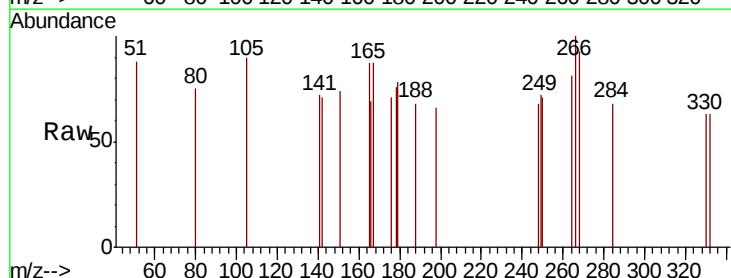
Tgt Ion:266 Resp: 63

Ion Ratio Lower Upper

266 100

264 80.9 64.9 97.3

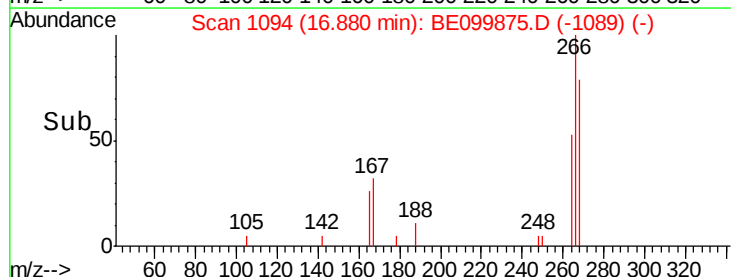
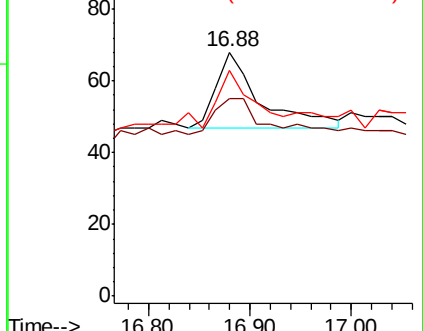
268 92.6 64.0 96.0

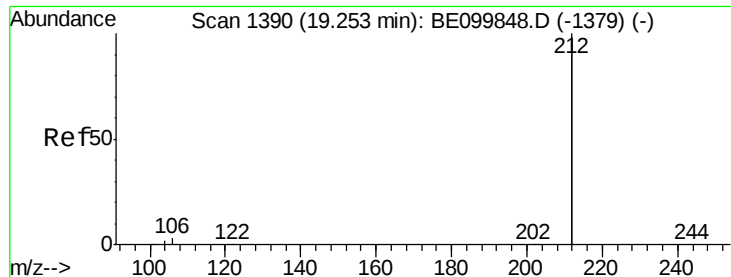


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099875.D

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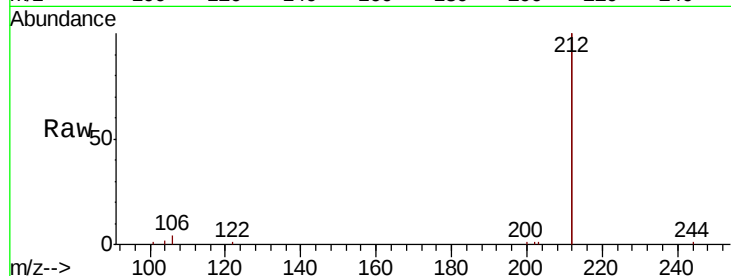
Tot Ion:212 Resp: 30260

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

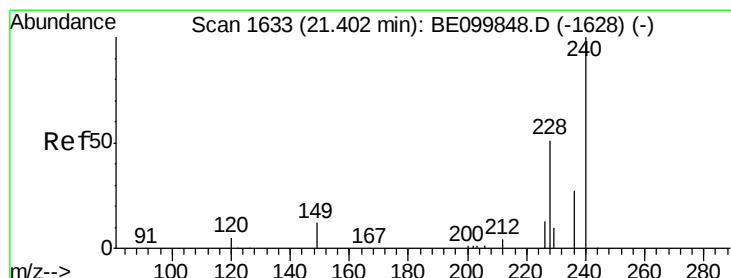
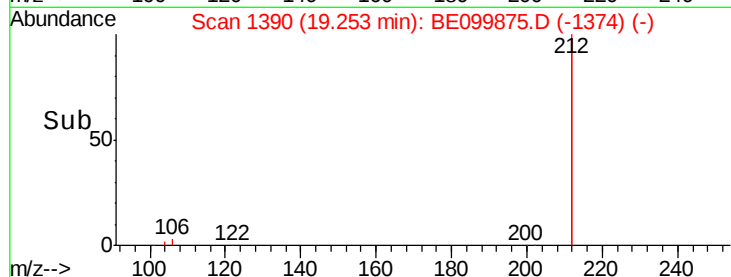
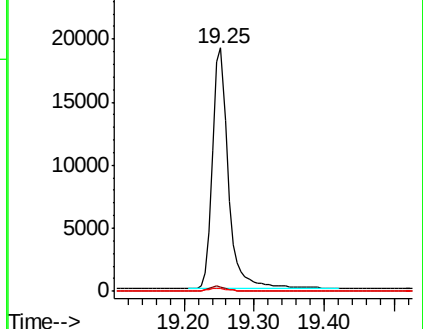
104 1.0 0.8 1.2



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: BE099875.D

Acq: 8 Jun 2019 7:58

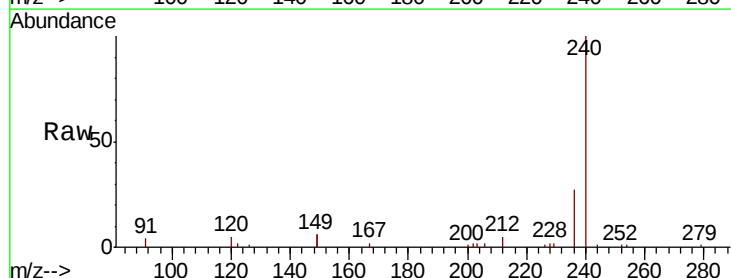
Tgt Ion:240 Resp: 9076

Ion Ratio Lower Upper

240 100

120 5.3 2.8 4.2#

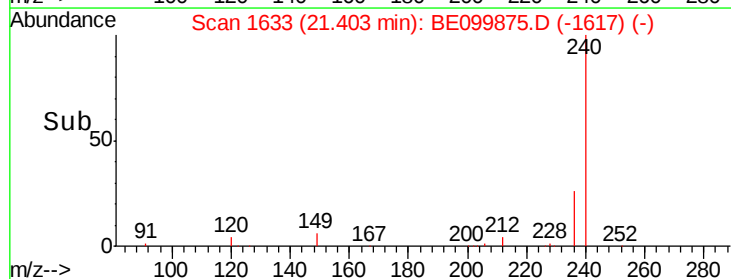
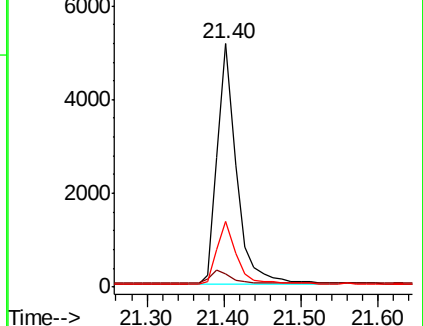
236 27.2 20.9 31.3

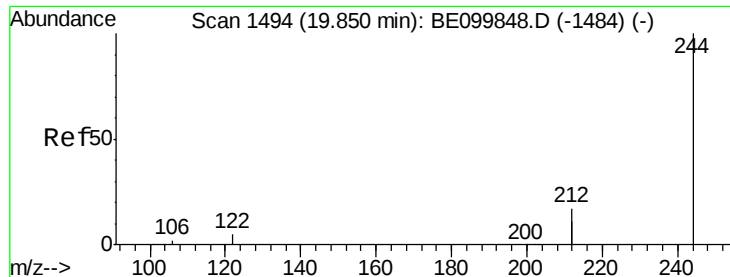


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.538 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099875.D

Acq: 8 Jun 2019 7:58

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20190606

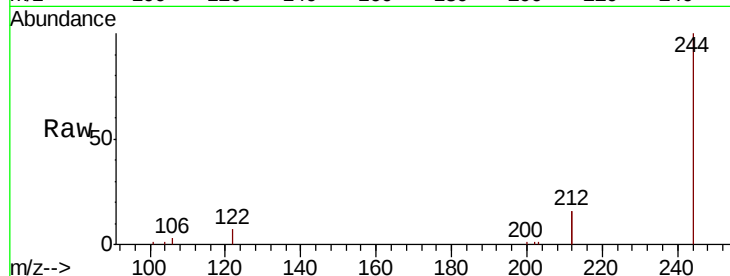
Tot Ion:244 Resp: 9099

Ion Ratio Lower Upper

244 100

212 31.5 23.7 35.5

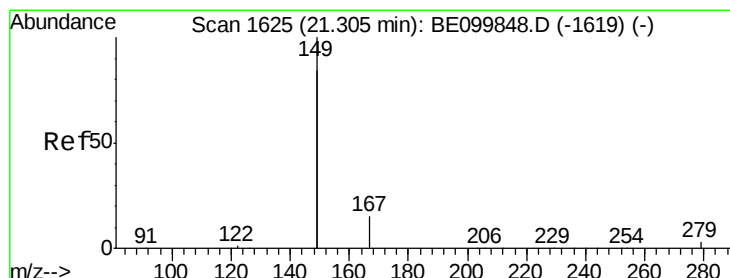
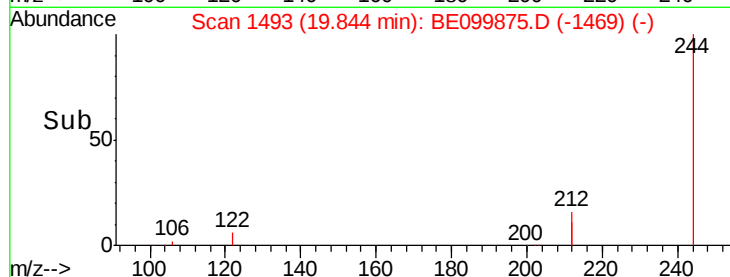
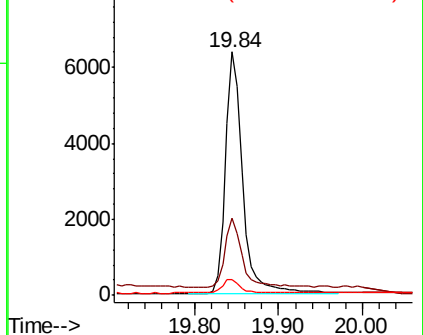
122 6.5 4.8 7.2



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: 0.034 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099875.D

Acq: 8 Jun 2019 7:58

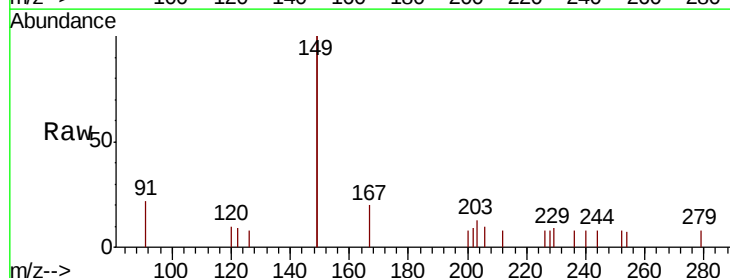
Tgt Ion:149 Resp: 1611

Ion Ratio Lower Upper

149 100

167 8.8 6.0 9.0

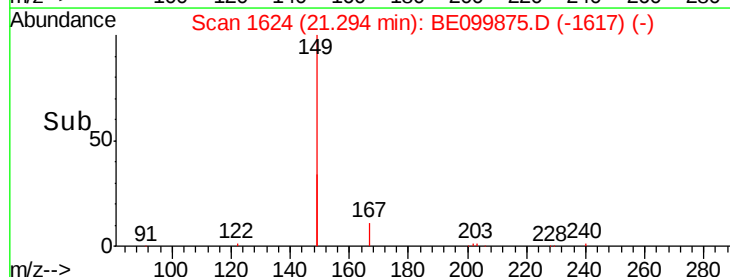
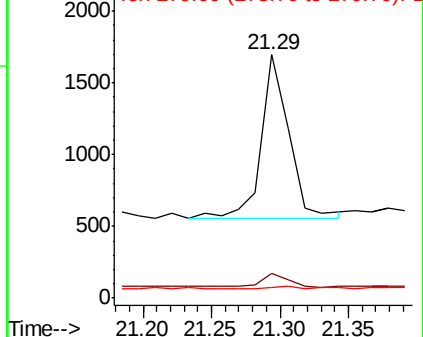
279 2.2 1.2 1.8#

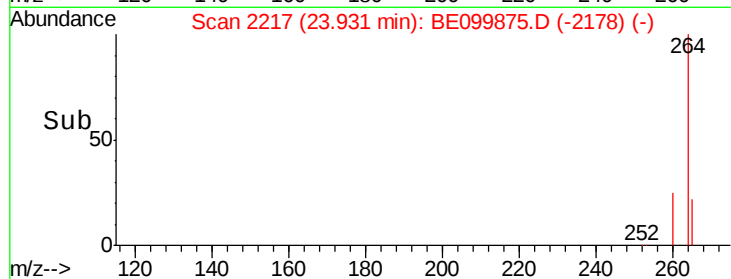
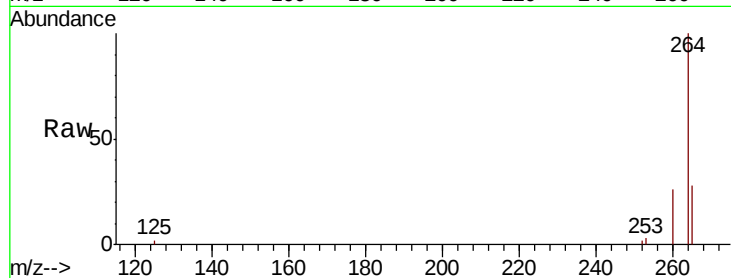
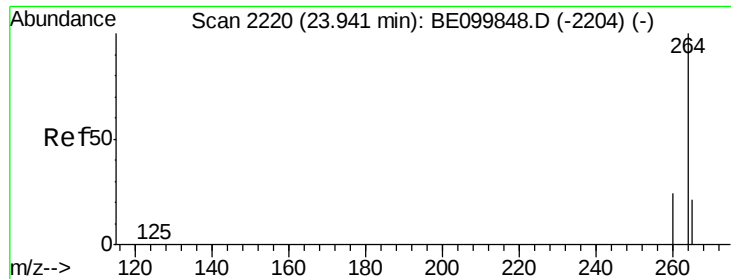


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE099875.D

Acq: 8 Jun 2019 7:58

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20190606

Tot Ion: 264 Resp: 10904

Ion Ratio Lower Upper

264 100

260 26.0 20.0 30.0

265 28.3 20.7 31.1

