

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099879.D
 Acq On : 8 Jun 2019 10:21
 Operator : JU/SJ
 Sample : K3249-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303S-20190606

Quant Time: Jun 08 16:53:41 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	853	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2926	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	2101	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6237	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9783	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11658	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	366	0.13	ng	0.00
5) Phenol-d6	6.96	99	267	0.08	ng	0.00
8) Nitrobenzene-d5	8.98	82	1141	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1832	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	545	0.26	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3916	0.52	ng	0.00
25) Fluoranthene-d10	19.25	212	35422	0.37	ng	-0.01
29) Terphenyl-d14	19.84	244	11262	0.62	ng	-0.01

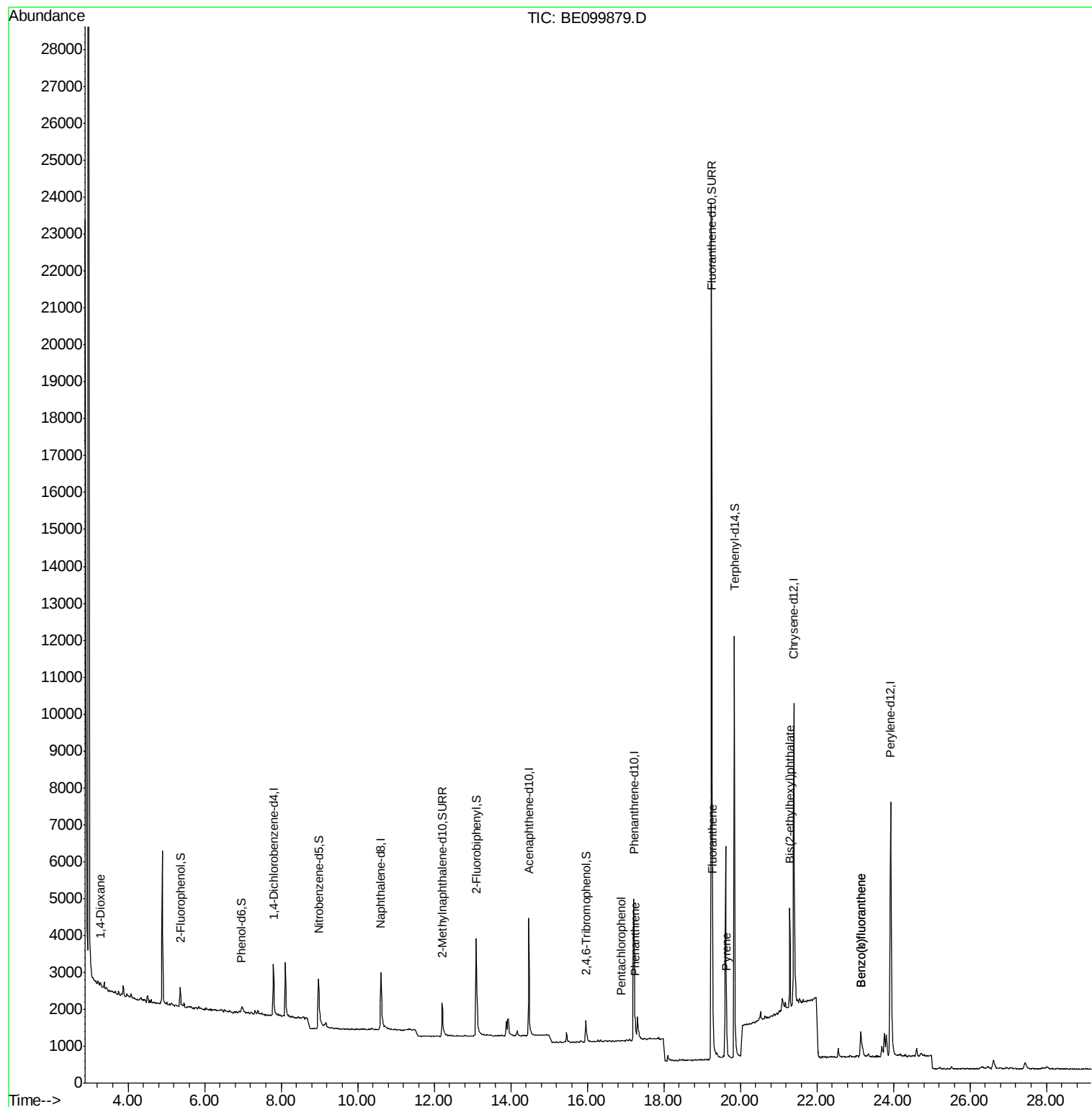
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	79	0.046	ng	# 80
22) Pentachlorophenol	16.89	266	17	0.241	ng	# 83
23) Phenanthrene	17.26	178	369	0.024	ng	# 93
26) Fluoranthene	19.28	202	862	0.032	ng	# 95
28) Pyrene	19.64	202	778	0.030	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.29	149	3377	0.067	ng	# 97
35) Benzo(b)fluoranthene	23.16	252	907	0.028	ng	# 24
36) Benzo(k)fluoranthene	23.16	252	907	0.028	ng	# 22

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

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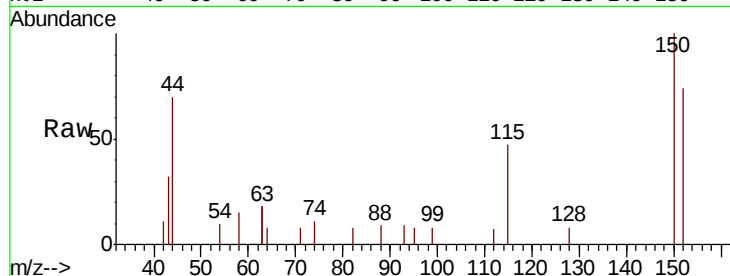


#1

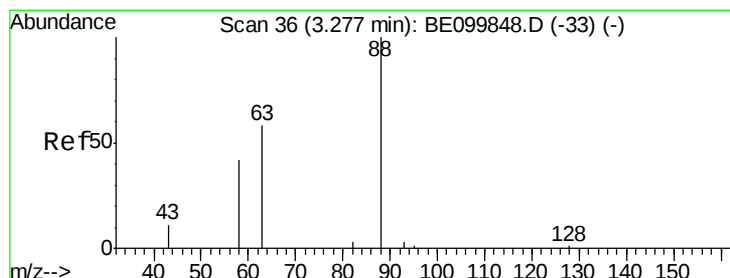
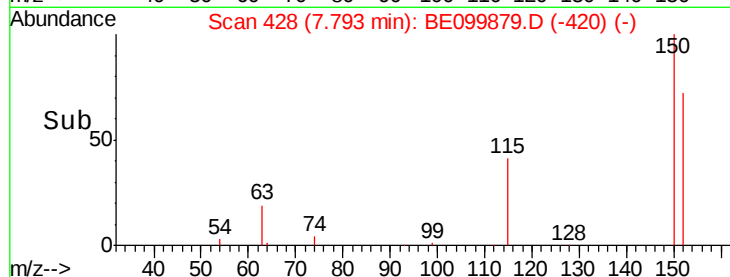
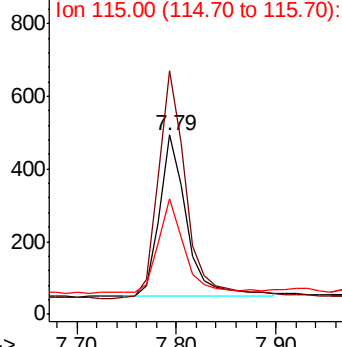
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303S-20190606

Tot Ion:152 Resp: 853
Ion Ratio Lower Upper
152 100
150 135.6 112.8 169.2
115 64.4 47.6 71.4



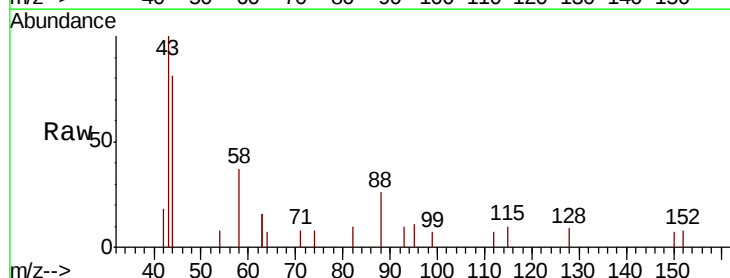
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



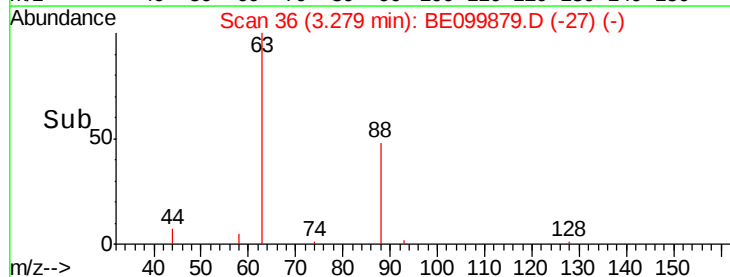
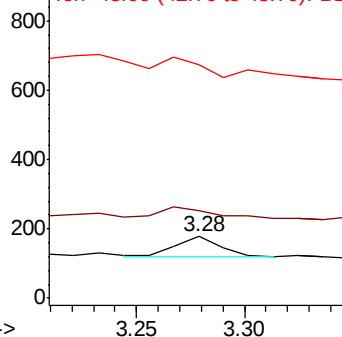
#2

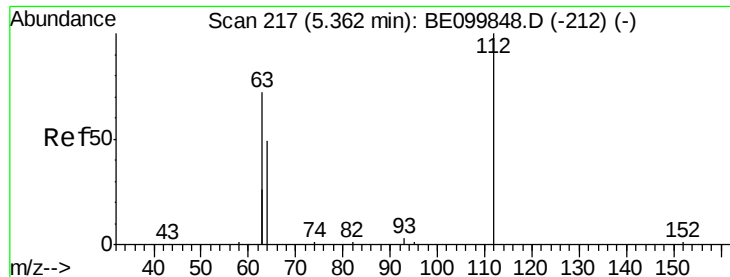
1,4-Dioxane
Concen: 0.046 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
58 65.8 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: 0.128 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190606

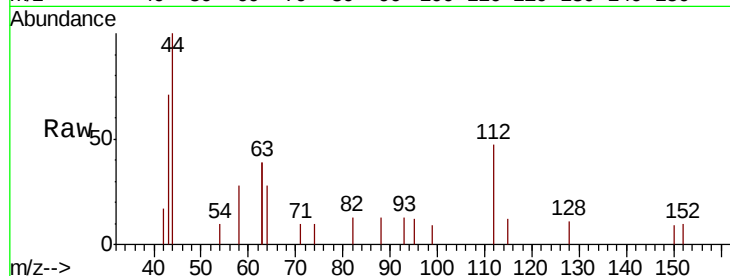
Tot Ion: 112 Resp: 366

Ion Ratio Lower Upper

112 100

64 53.6 47.2 70.8

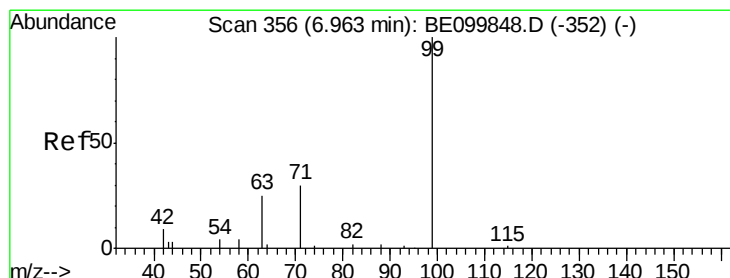
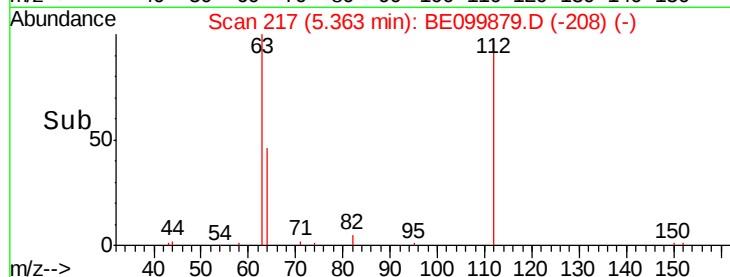
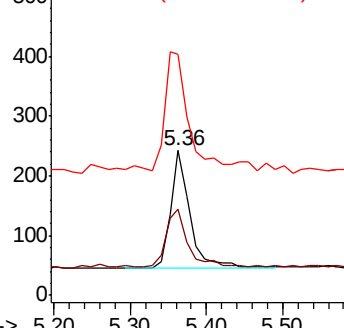
63 116.9 90.7 136.1



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: 0.076 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

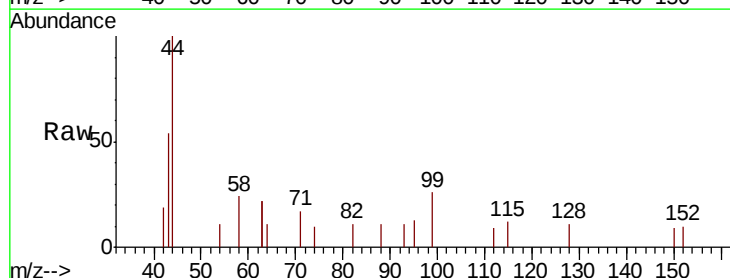
Tgt Ion: 99 Resp: 267

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.4

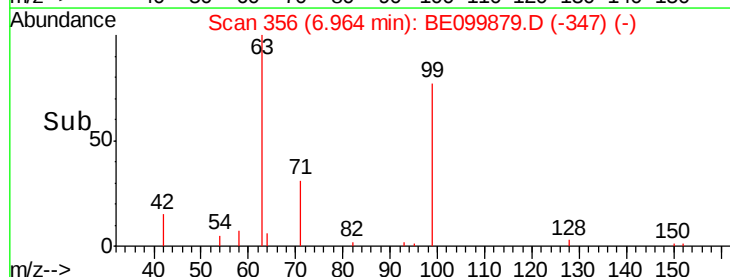
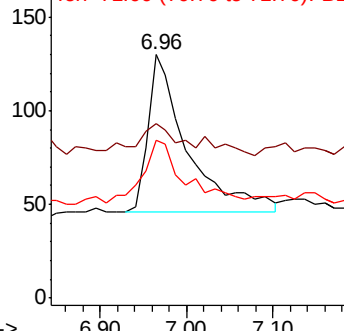
71 40.4 26.1 39.1#

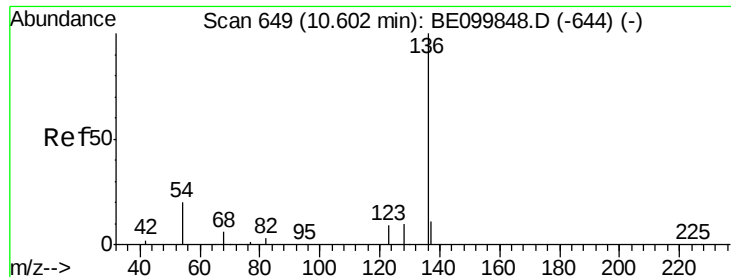


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190606

Tot Ion:136 Resp: 2926

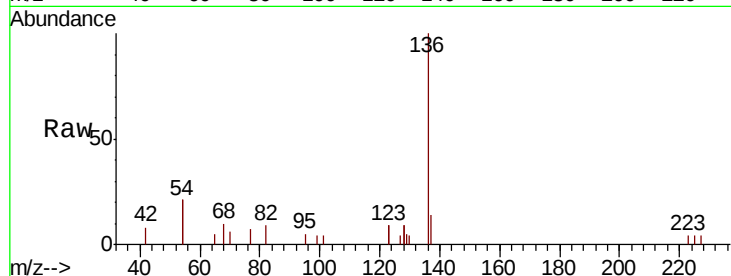
Ion Ratio Lower Upper

136 100

137 14.3 11.1 16.7

54 42.7 17.9 26.9#

68 10.4 5.4 8.0#

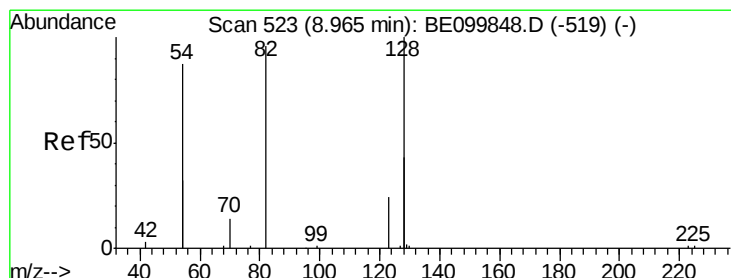
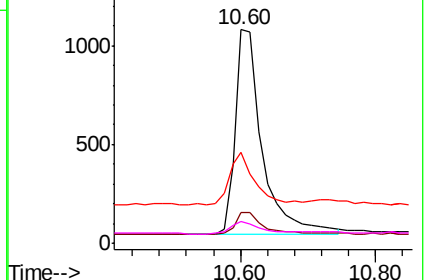
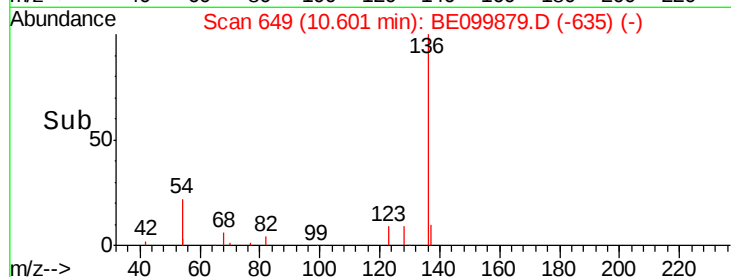


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

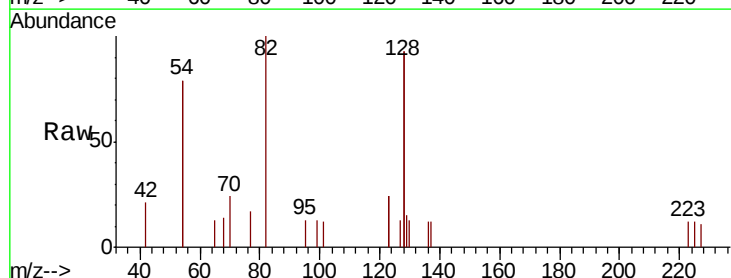
Tgt Ion: 82 Resp: 1141

Ion Ratio Lower Upper

82 100

128 185.8 116.6 175.0#

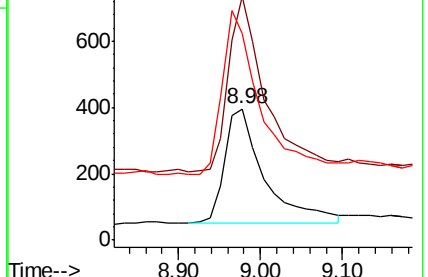
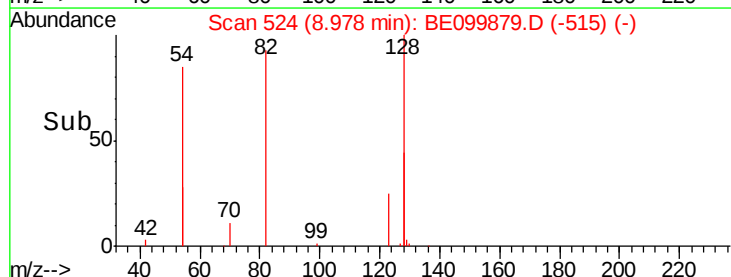
54 157.5 136.2 204.4

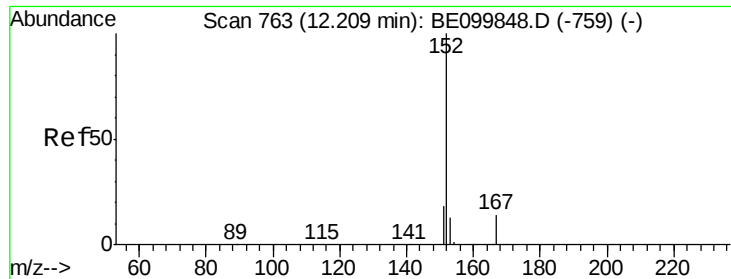


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

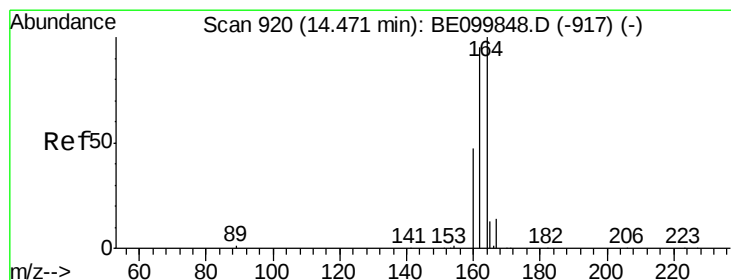
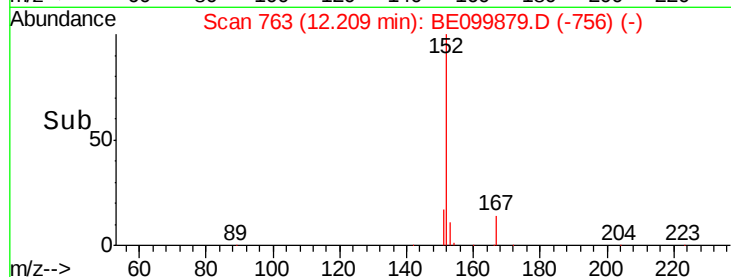
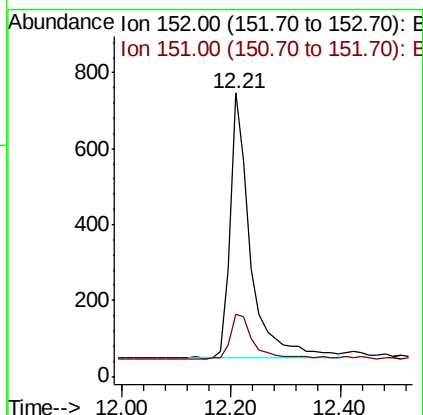
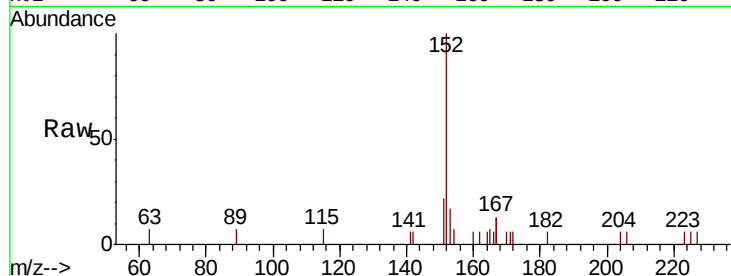




#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

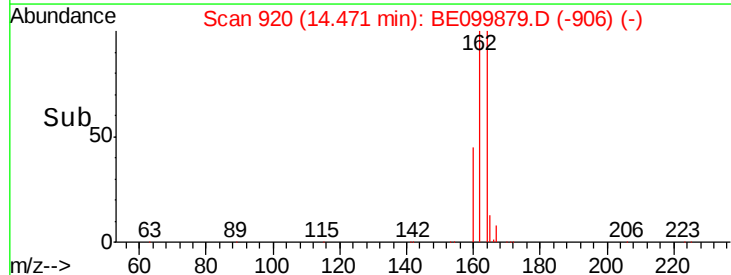
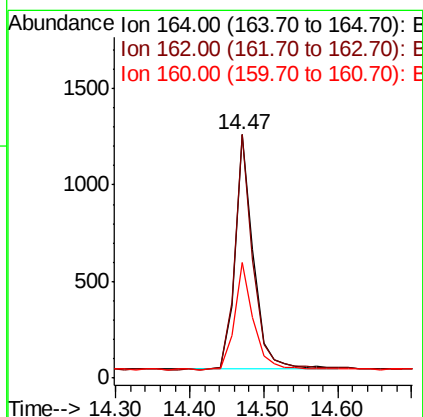
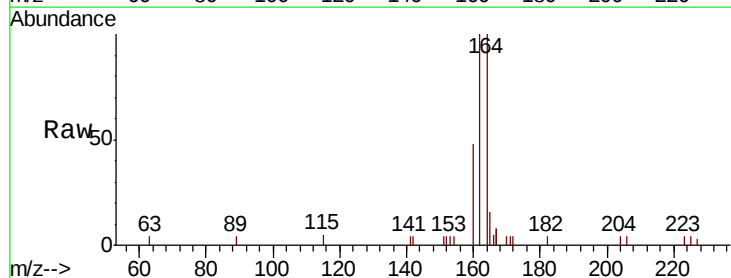
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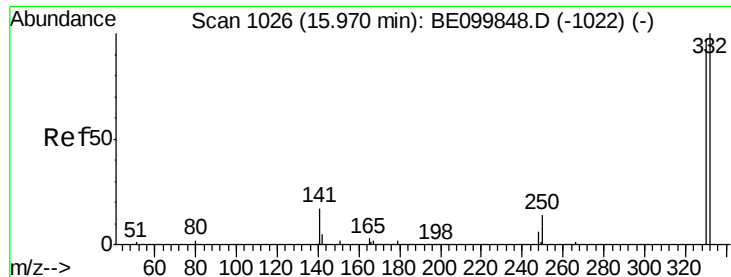
Tot Ion:152 Resp: 1832
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

Tgt Ion:164 Resp: 2101
Ion Ratio Lower Upper
164 100
162 99.9 77.2 115.8
160 47.5 39.4 59.2

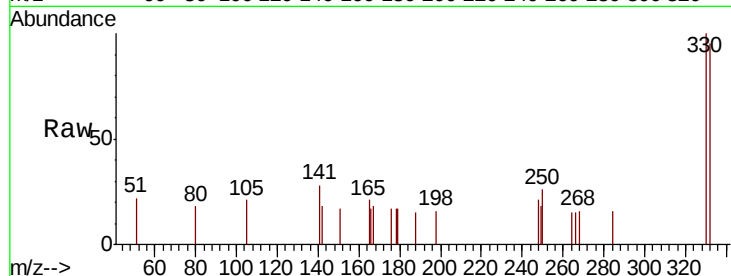




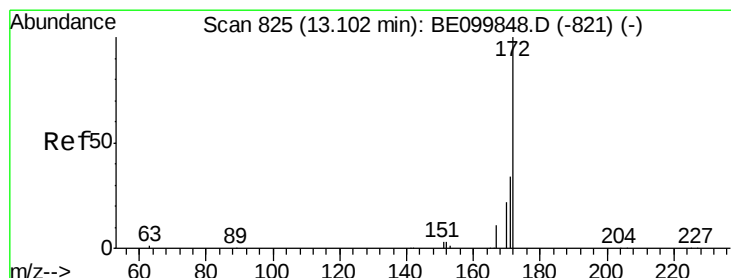
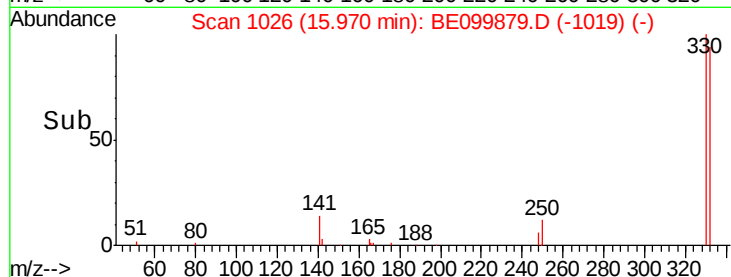
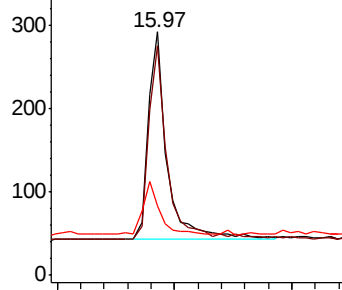
#14
 2,4,6-Tribromophenol
 Concen: 0.262 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099879.D
 Acq: 8 Jun 2019 10:21

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303S-20190606

Tot Ion:330 Resp: 545
 Ion Ratio Lower Upper
 330 100
 332 91.0 74.9 112.3
 141 22.8 16.0 24.0

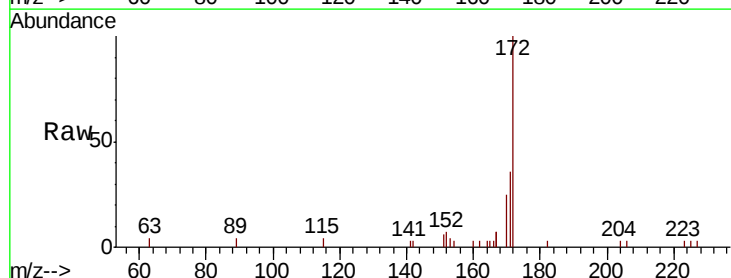


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

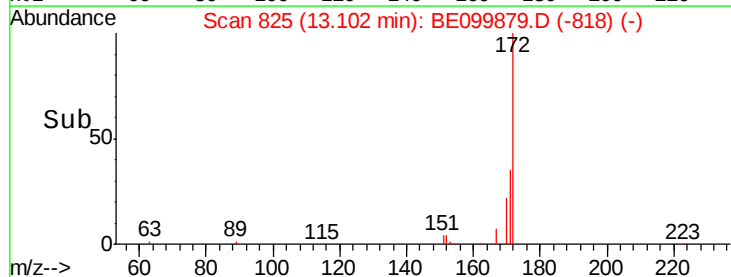
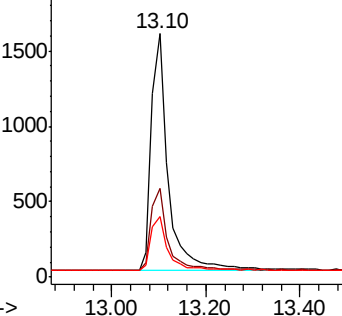


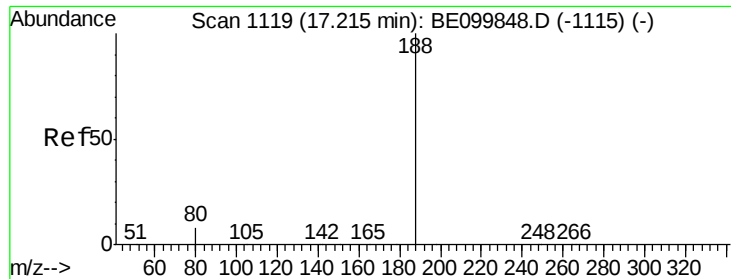
#15
 2-Fluorobiphenyl
 Concen: 0.516 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099879.D
 Acq: 8 Jun 2019 10:21

Tgt Ion:172 Resp: 3916
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.2 45.4
 170 24.7 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: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190606

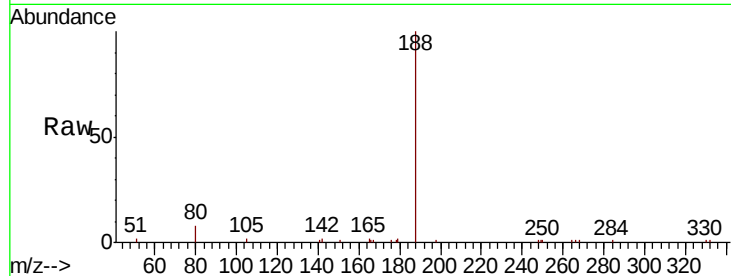
Tot Ion:188 Resp: 6237

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

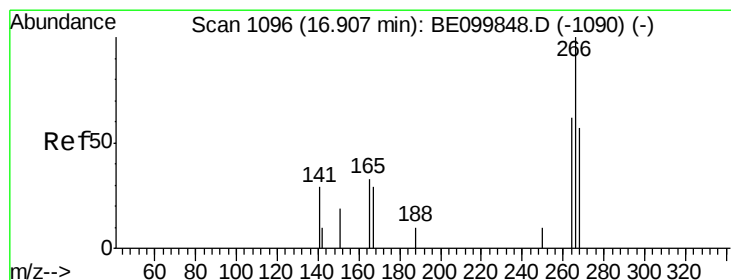
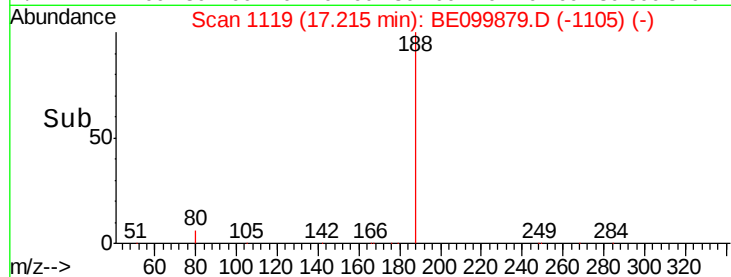
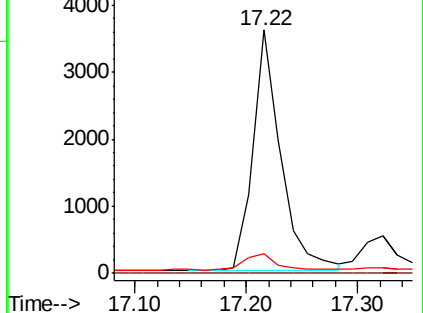
80 7.8 5.2 7.8



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: 0.241 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

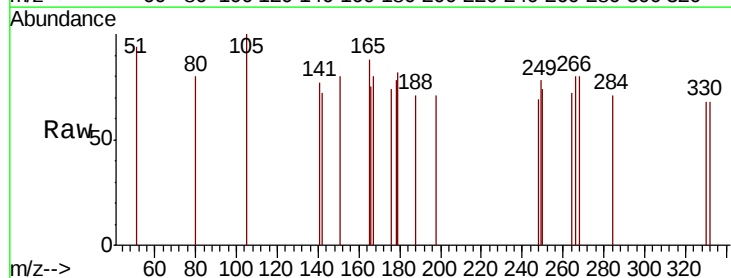
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 90.4 64.9 97.3

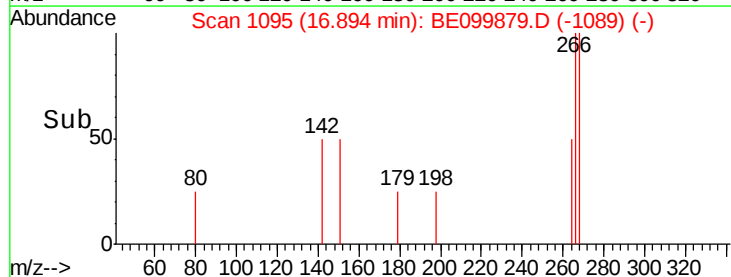
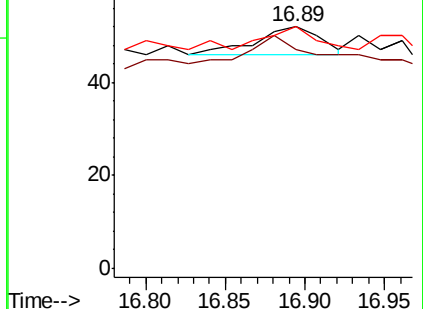
268 100.0 64.0 96.0#

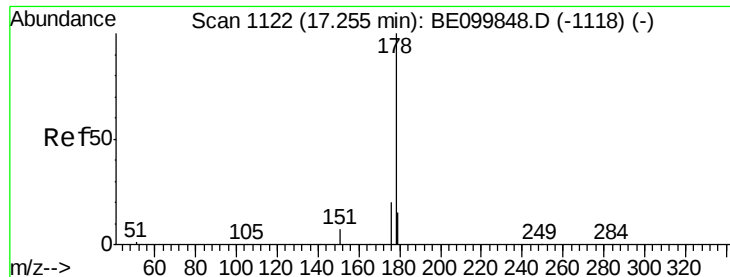


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.024 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099879.D

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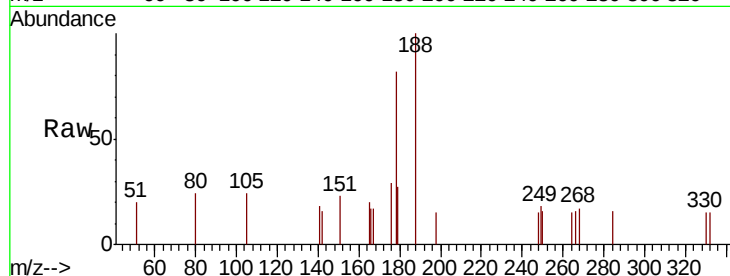
Tot Ion:178 Resp: 369

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

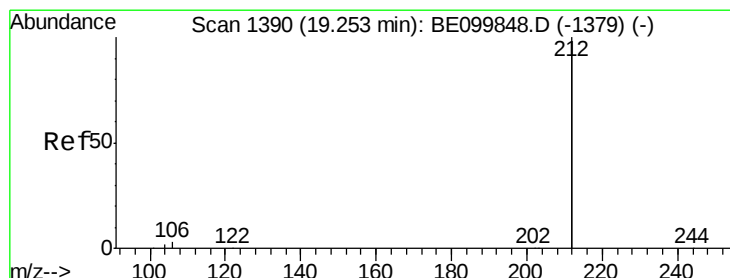
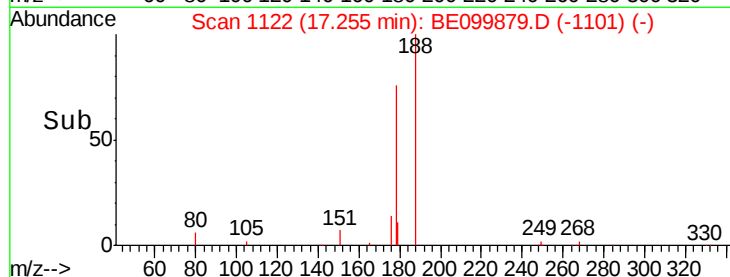
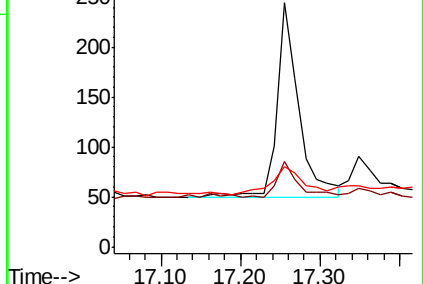
179 21.7 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

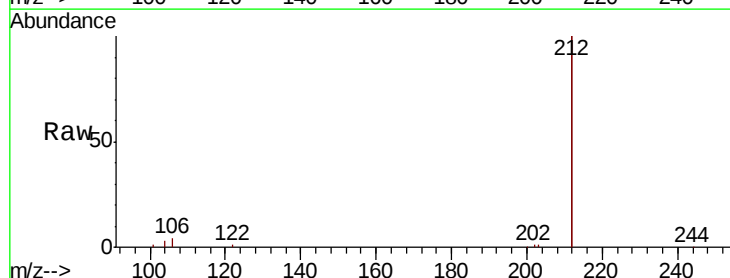
Tgt Ion:212 Resp: 35422

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

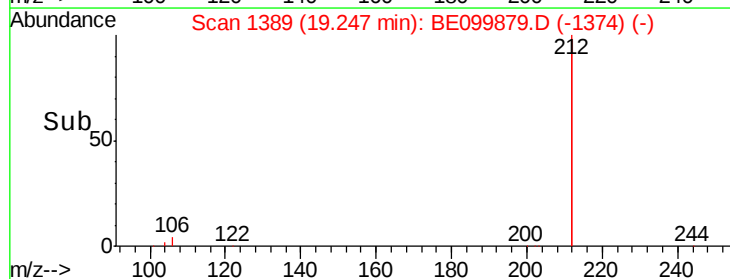
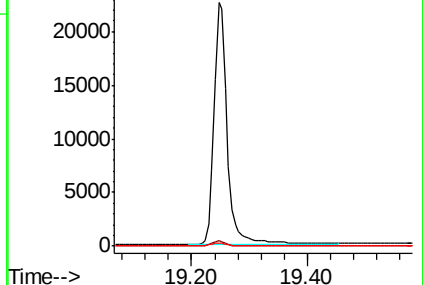
104 1.0 0.8 1.2

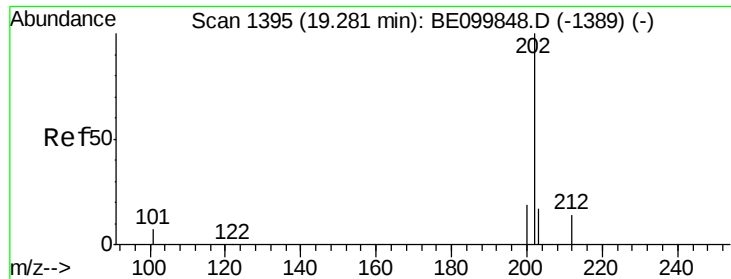


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.032 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190606

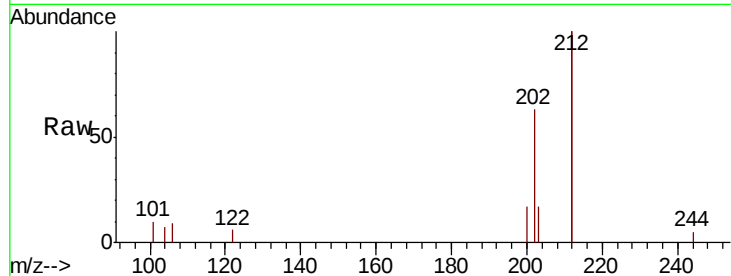
Tot Ion:202 Resp: 862

Ion Ratio Lower Upper

202 100

101 9.9 5.2 7.8#

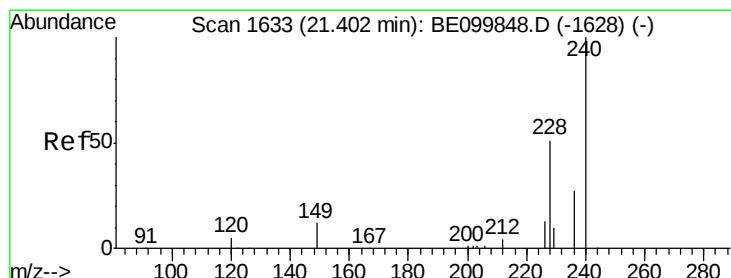
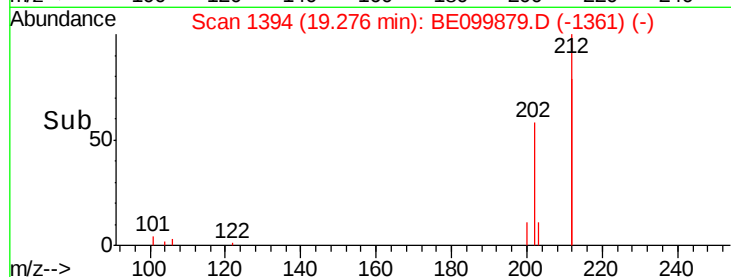
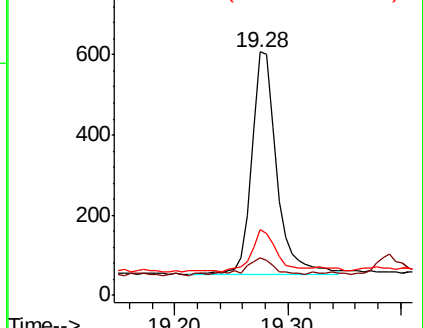
203 18.3 13.6 20.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

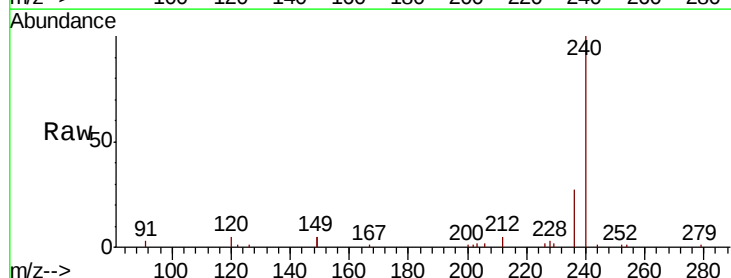
Tgt Ion:240 Resp: 9783

Ion Ratio Lower Upper

240 100

120 5.1 2.8 4.2#

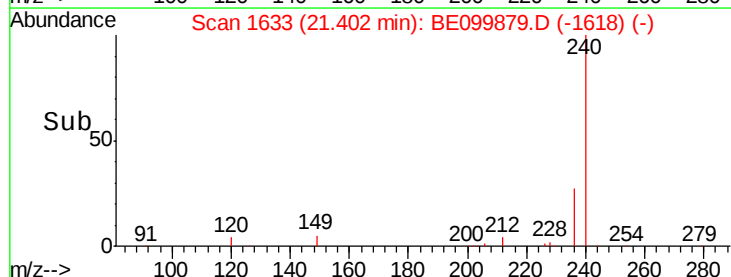
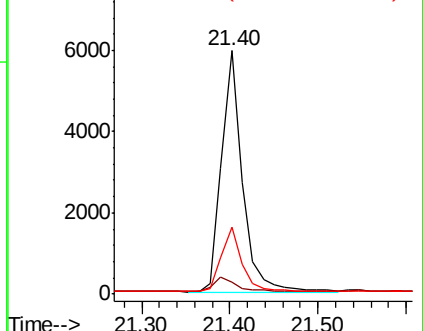
236 27.4 20.9 31.3

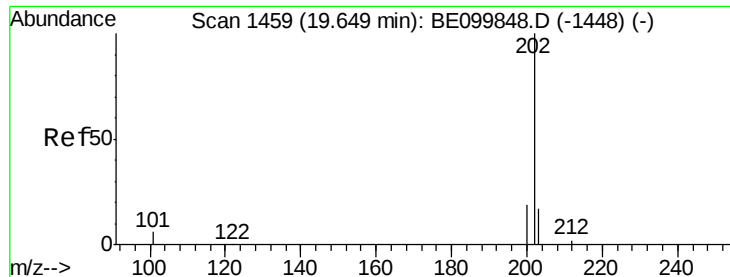


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

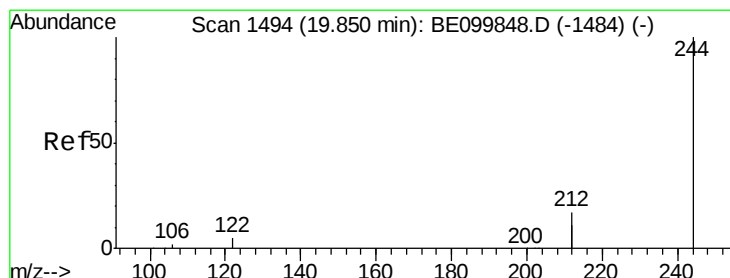
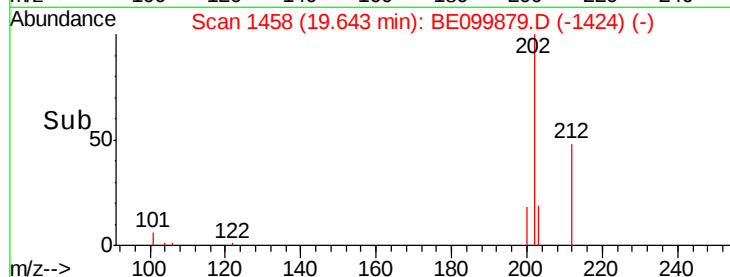
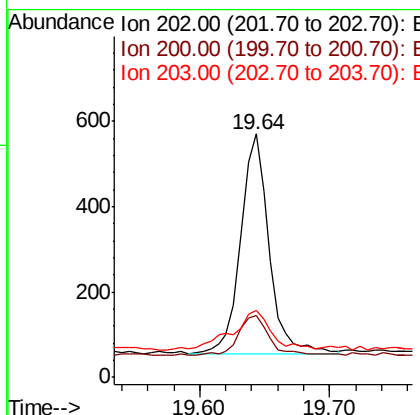
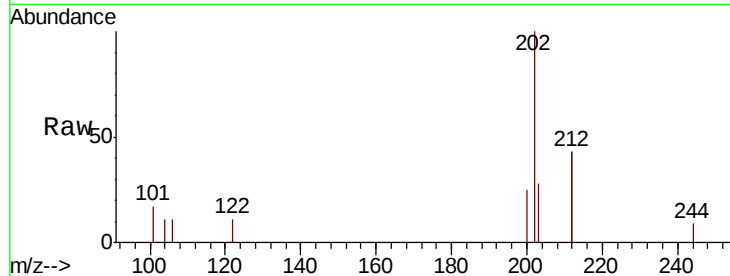




#28
Pvrene
Concen: 0.030 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

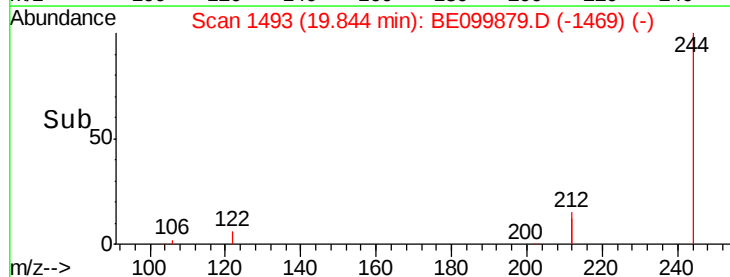
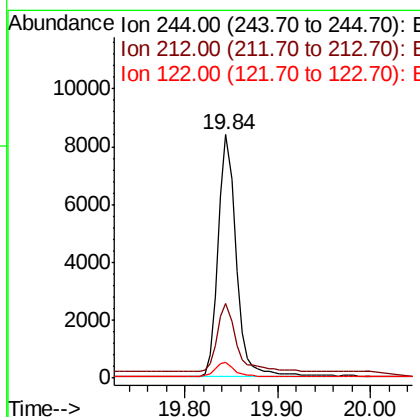
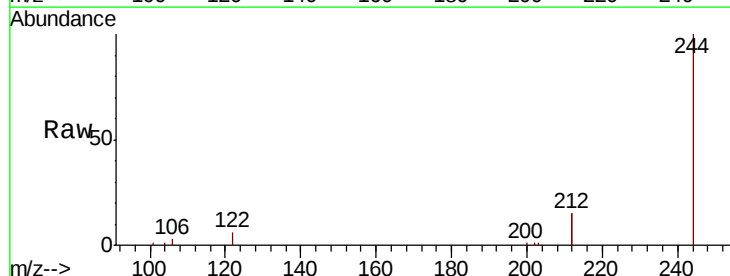
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303S-20190606

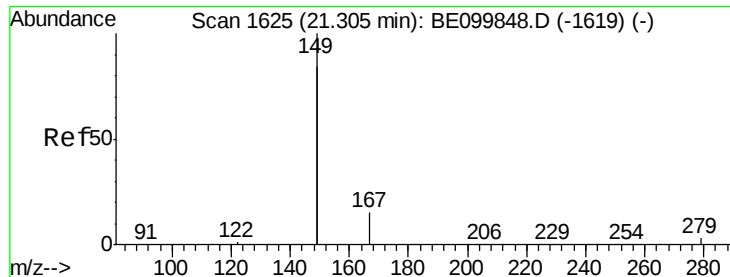
Tot Ion:202 Resp: 778
Ion Ratio Lower Upper
202 100
200 19.9 15.6 23.4
203 25.6 14.1 21.1#



#29
Terphenyl-d14
Concen: 0.617 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

Tgt Ion:244 Resp: 11262
Ion Ratio Lower Upper
244 100
212 30.4 23.7 35.5
122 6.4 4.8 7.2

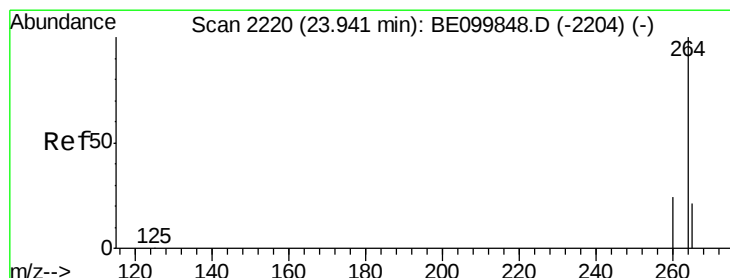
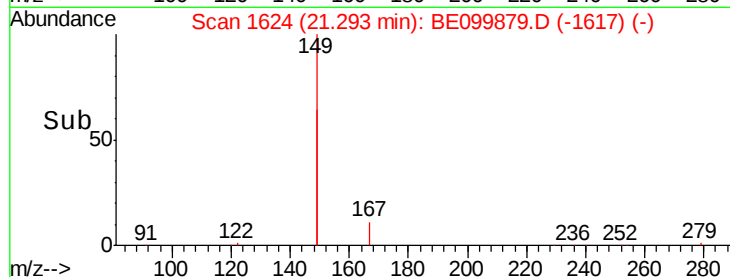
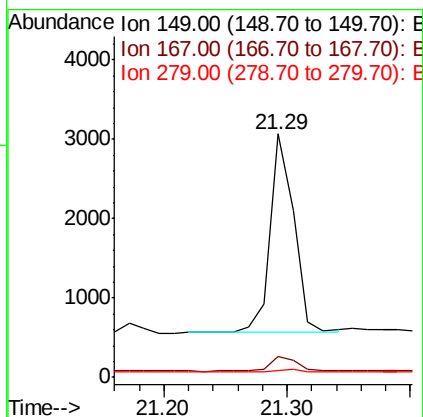
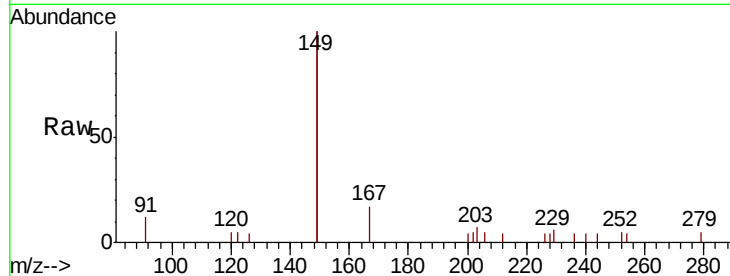




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099879.D
 Acq: 8 Jun 2019 10:21

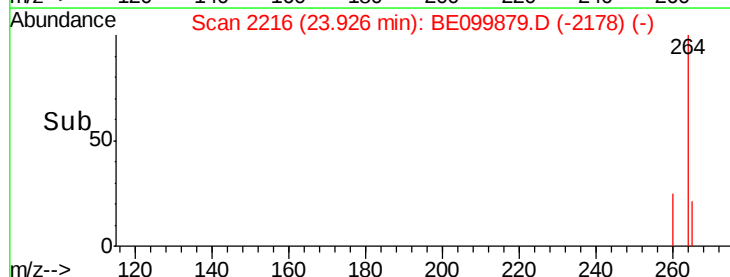
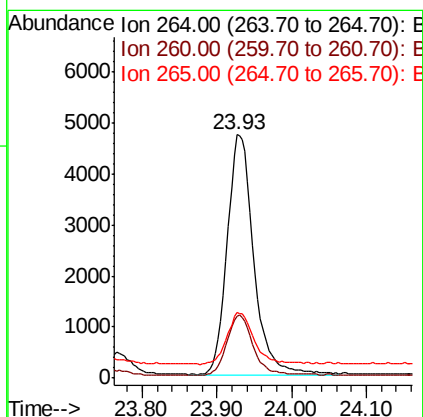
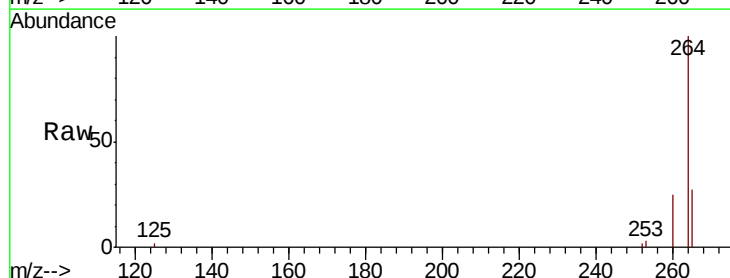
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303S-20190606

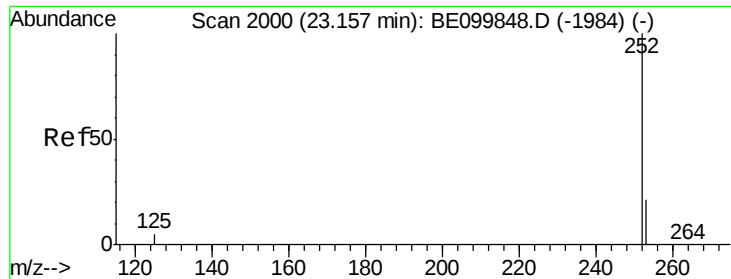
Tot Ion:149 Resp: 3377
 Ion Ratio Lower Upper
 149 100
 167 8.6 6.0 9.0
 279 1.8 1.2 1.8#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. -0.02 min
 Lab File: BE099879.D
 Acq: 8 Jun 2019 10:21

Tgt Ion:264 Resp: 11658
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.0 30.0
 265 27.0 20.7 31.1





#35

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190606

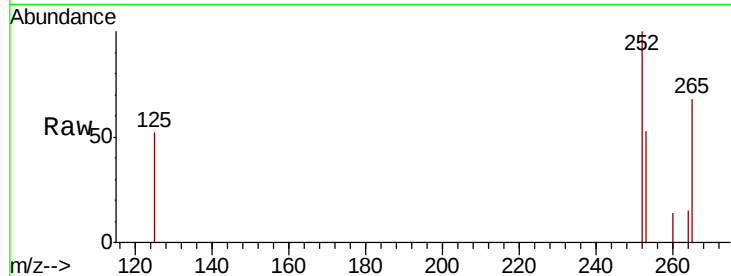
Tot Ion:252 Resp: 907

Ion Ratio Lower Upper

252 100

253 53.5 18.9 28.3#

125 51.6 7.6 11.4#

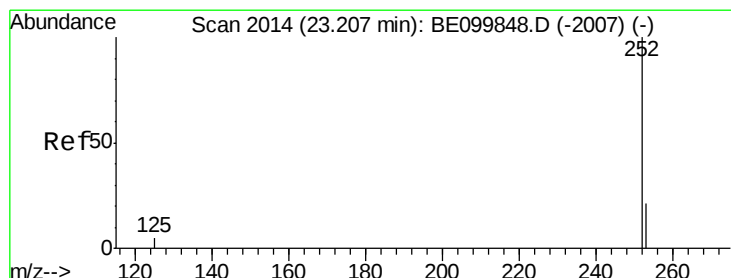
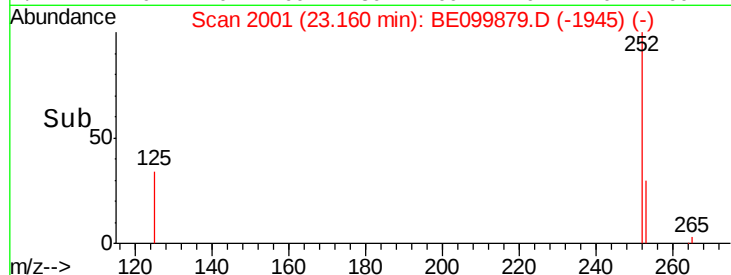
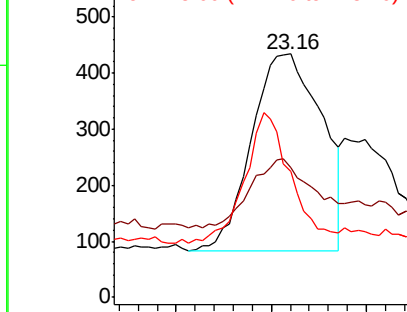


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.028 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.05 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

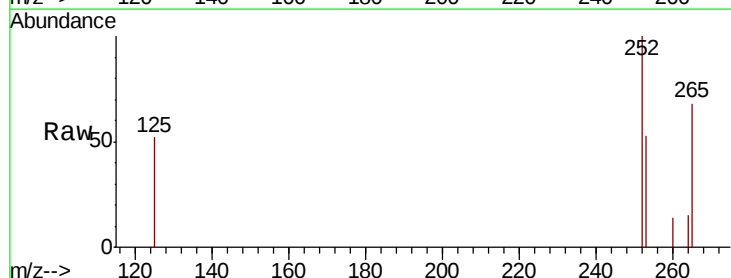
Tgt Ion:252 Resp: 907

Ion Ratio Lower Upper

252 100

253 53.5 18.4 27.6#

125 51.6 4.6 7.0#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

