

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099957.D
 Acq On : 12 Jun 2019 15:36
 Operator : JU/SJ
 Sample : K3255-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D2-20190605

Quant Time: Jun 13 04:09:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

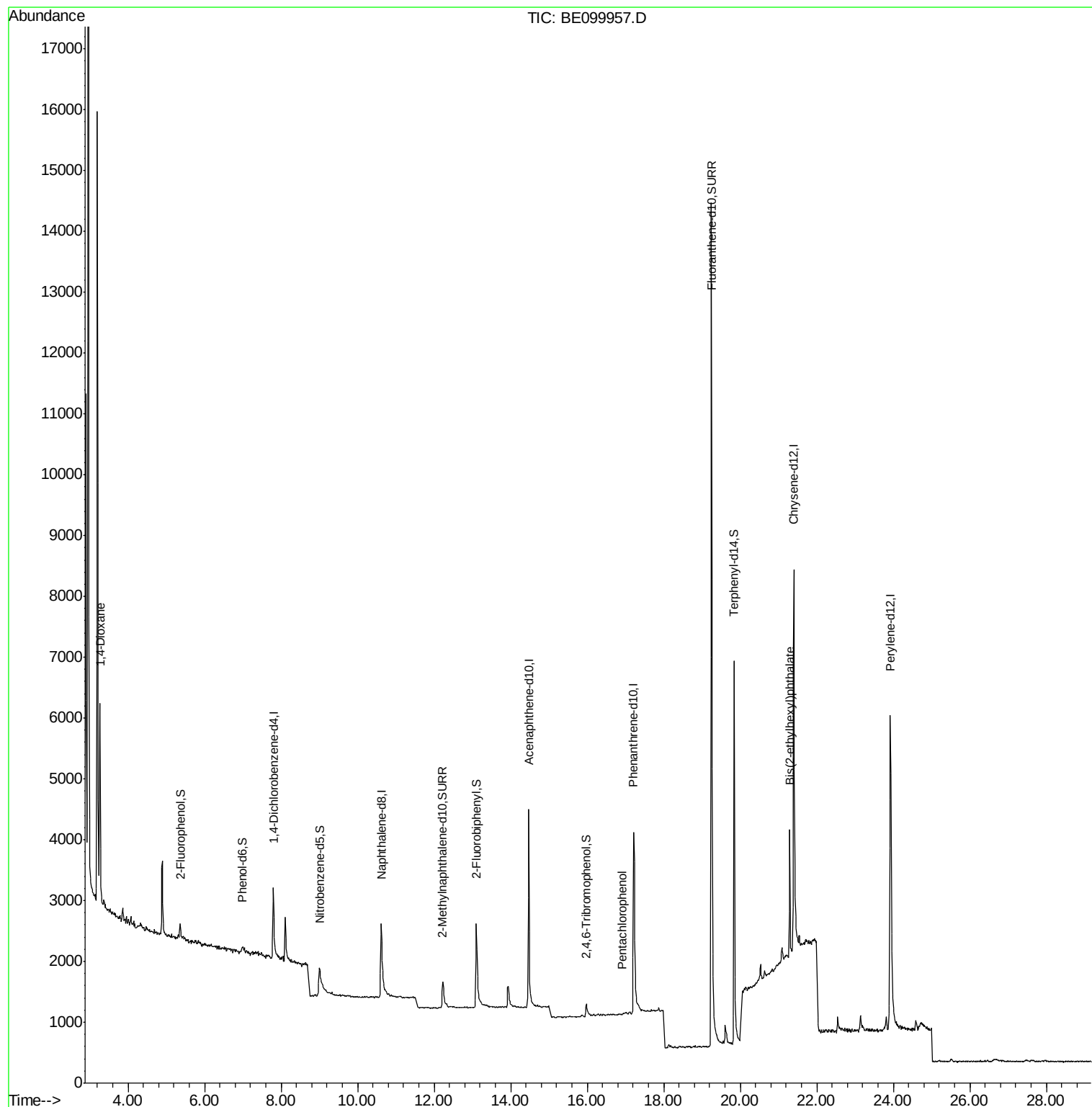
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	880	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2991	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2477	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7401	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9646	0.40	ng	0.00
34) Perylene-d12	23.92	264	10823	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	248	0.10	ng	0.01
5) Phenol-d6	6.98	99	187	0.06	ng	0.01
8) Nitrobenzene-d5	9.00	82	649	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1189	0.23	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	273	0.15	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2597	0.28	ng	0.00
25) Fluoranthene-d10	19.25	212	24720	0.23	ng	0.00
29) Terphenyl-d14	19.84	244	7442	0.43	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	2980	2.288	ng	95
22) Pentachlorophenol	16.91	266	8	0.304	ng	83
32) Bis(2-ethylhexyl)phthalate	21.29	149	2314	0.056	ng	# 96

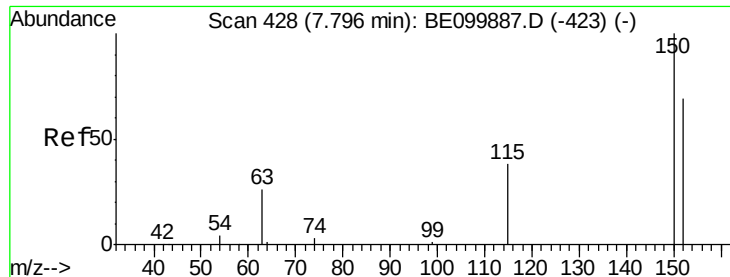
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



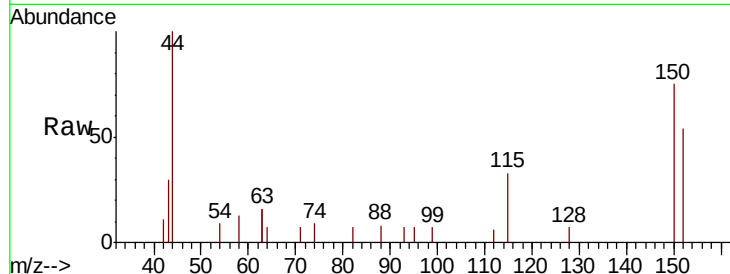


#1

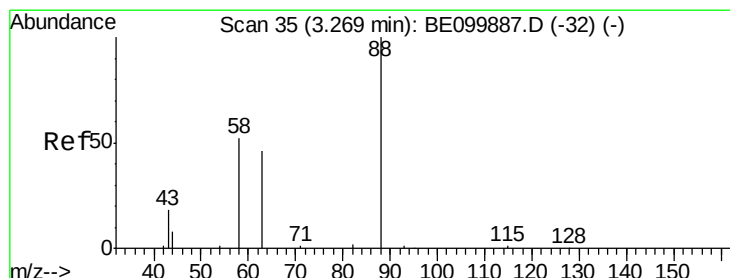
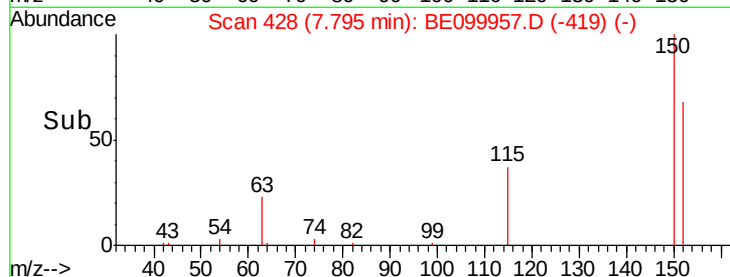
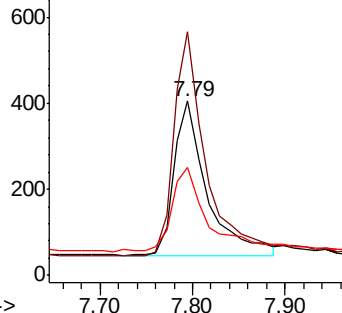
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099957.D
Acq: 12 Jun 2019 15:36

Instrument :
BNA_E
ClientSampleId :
RE109D2-20190605

Tgt Ion: 152 Resp: 880
Ion Ratio Lower Upper
152 100
150 140.1 111.0 166.6
115 62.1 50.7 76.1



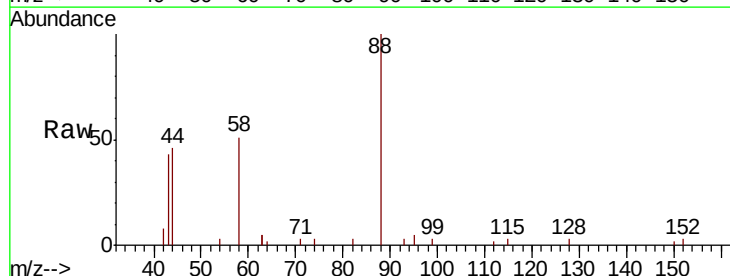
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



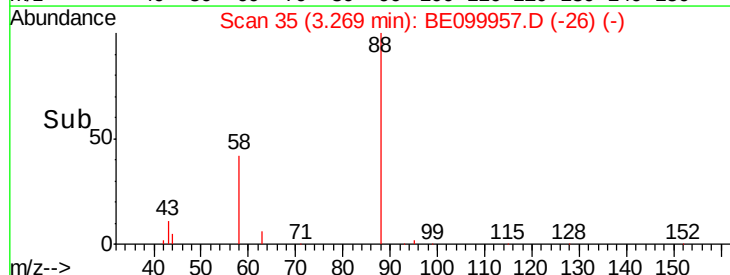
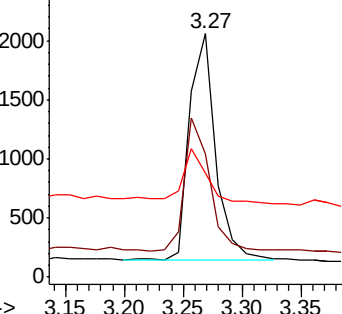
#2

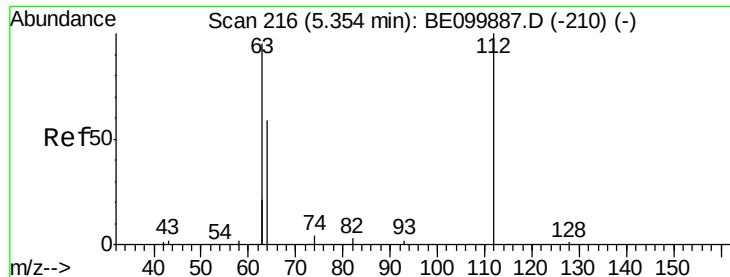
1,4-Dioxane
Concen: 2.288 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099957.D
Acq: 12 Jun 2019 15:36

Tgt Ion: 88 Resp: 2980
Ion Ratio Lower Upper
88 100
58 56.1 48.8 73.2
43 22.7 19.0 28.6



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: 0.104 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099957.D

Acq: 12 Jun 2019 15:36

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190605

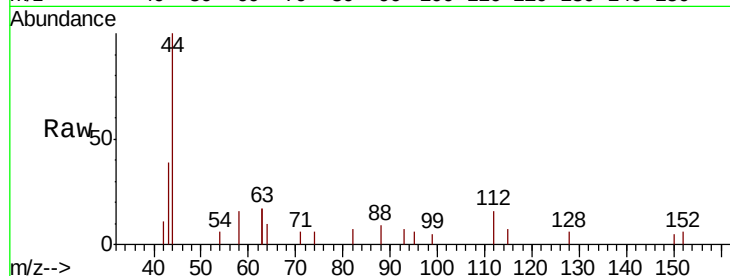
Tgt Ion: 112 Resp: 248

Ion Ratio Lower Upper

112 100

64 54.4 44.1 66.1

63 127.4 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): BE0

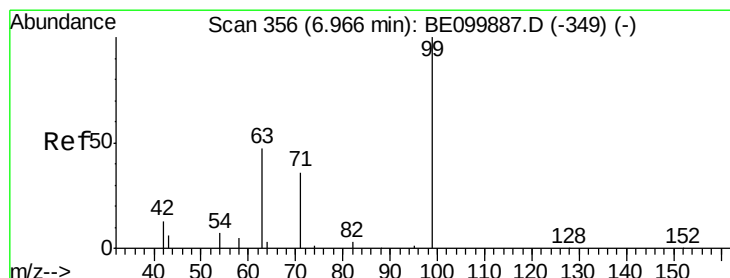
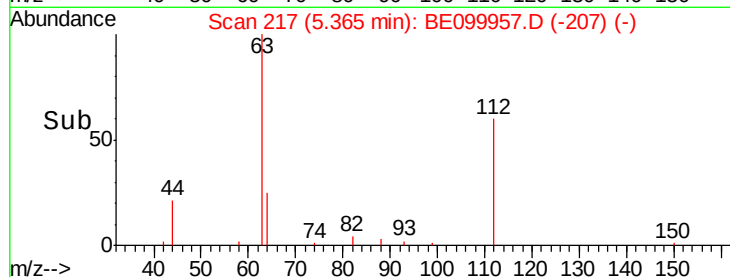
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.36

5.30 5.40 5.50



#5

Phenol-d6

Concen: 0.061 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099957.D

Acq: 12 Jun 2019 15:36

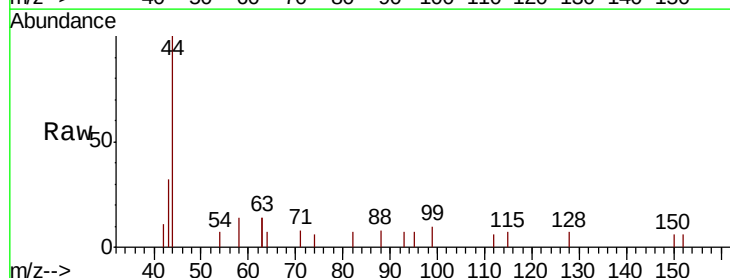
Tgt Ion: 99 Resp: 187

Ion Ratio Lower Upper

99 100

42 16.0 15.9 23.9

71 52.9 34.6 52.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

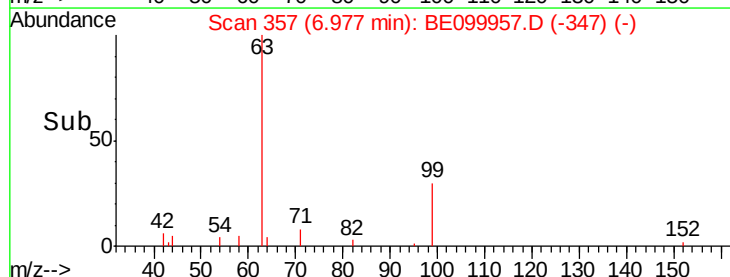
Ion 42.00 (41.70 to 42.70): BE0

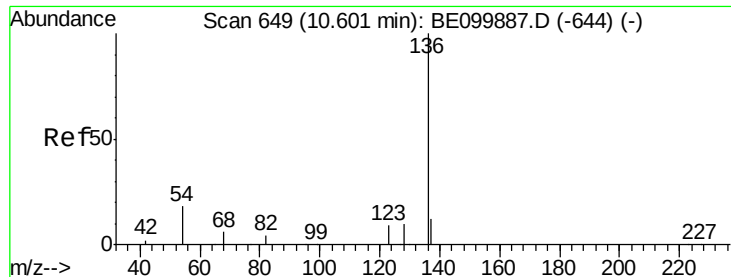
Ion 71.00 (70.70 to 71.70): BE0

Time-->

6.98

6.80 7.00 7.20





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099957.D

Acq: 12 Jun 2019 15:36

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190605

Tgt Ion: 136 Resp: 2991

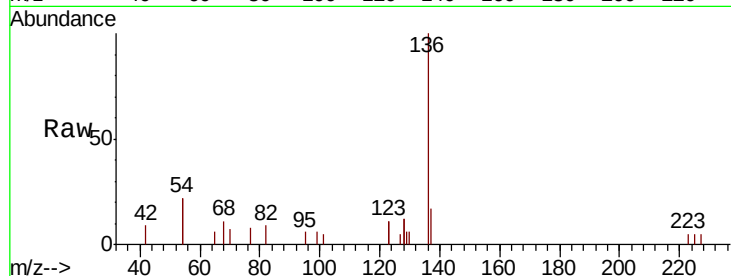
Ion Ratio Lower Upper

136 100

137 16.6 12.3 18.5

54 44.5 28.2 42.4#

68 11.4 7.8 11.8

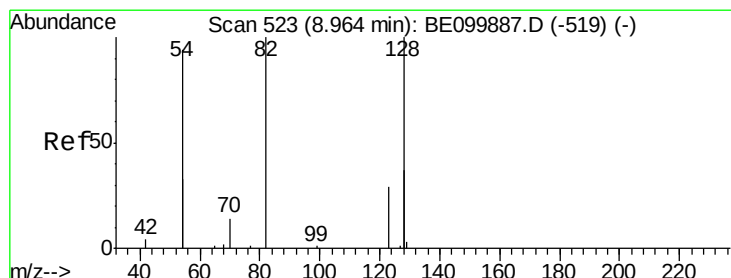
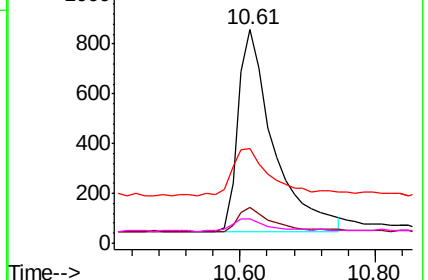
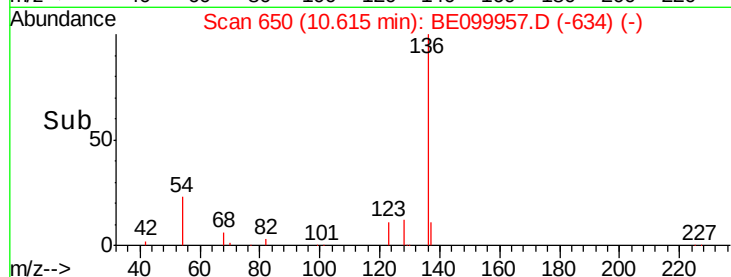


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.229 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE099957.D

Acq: 12 Jun 2019 15:36

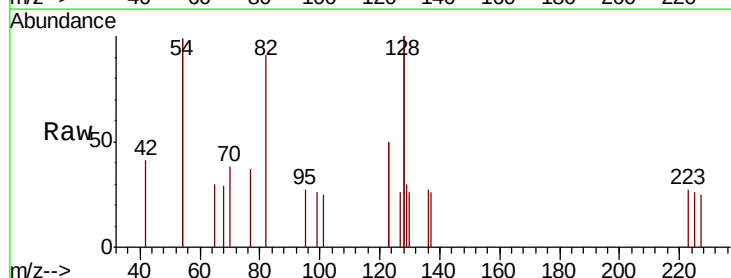
Tgt Ion: 82 Resp: 649

Ion Ratio Lower Upper

82 100

128 219.6 137.3 205.9#

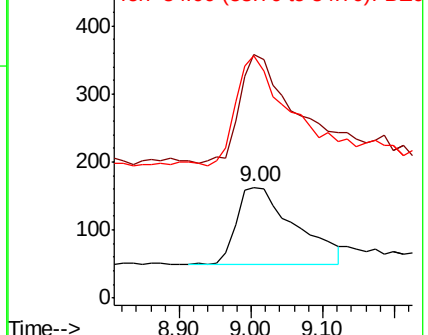
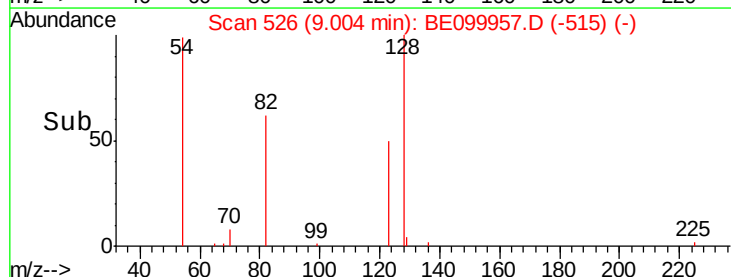
54 218.4 129.7 194.5#

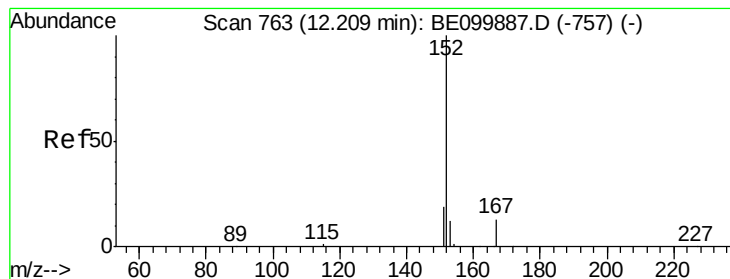


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.228 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE099957.D

Acq: 12 Jun 2019 15:36

Instrument :

BNA_E

ClientSampleId :

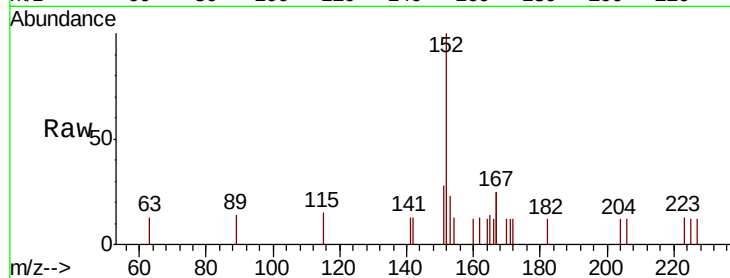
RE109D2-20190605

Tgt Ion:152 Resp: 1189

Ion Ratio Lower Upper

152 100

151 17.8 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

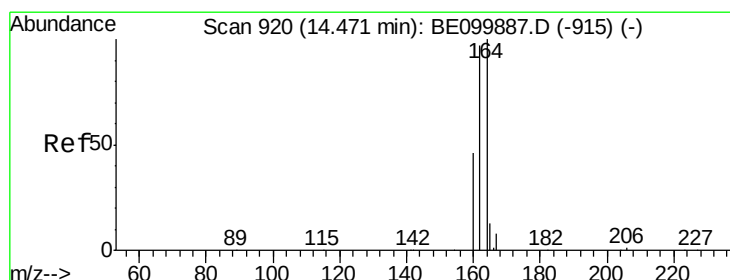
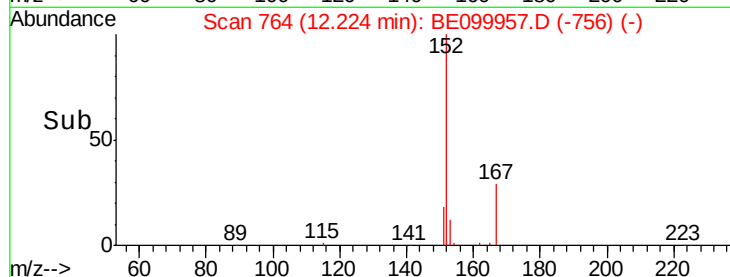
300

200

100

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099957.D

Acq: 12 Jun 2019 15:36

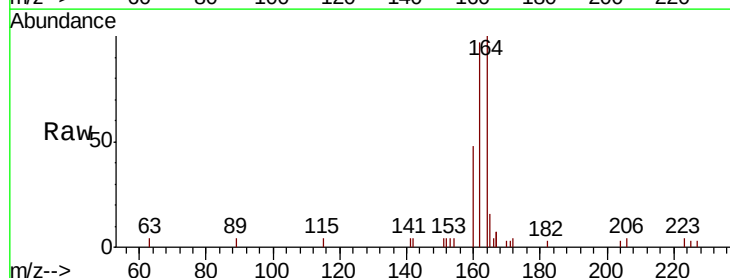
Tgt Ion:164 Resp: 2477

Ion Ratio Lower Upper

164 100

162 97.1 77.8 116.8

160 48.1 38.2 57.4



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

14.47

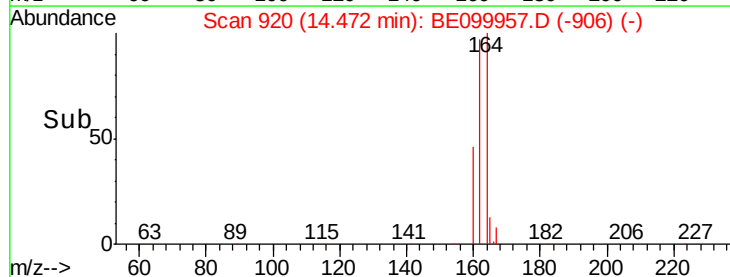
1500

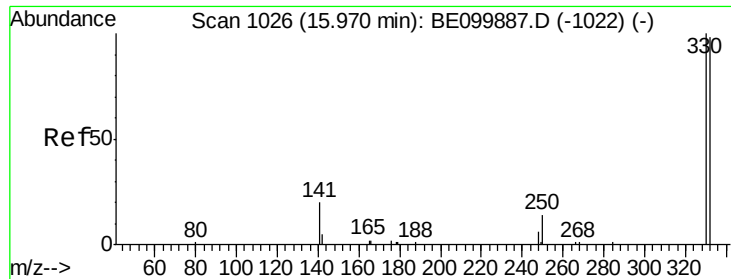
1000

500

0

Time-->

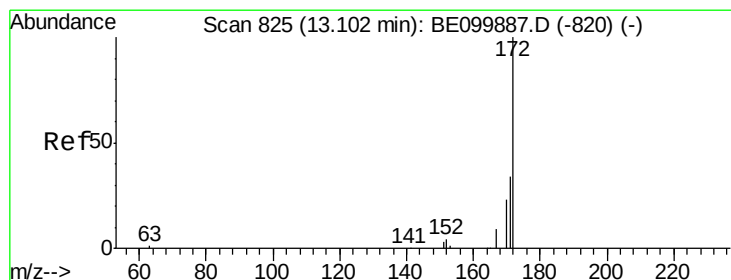
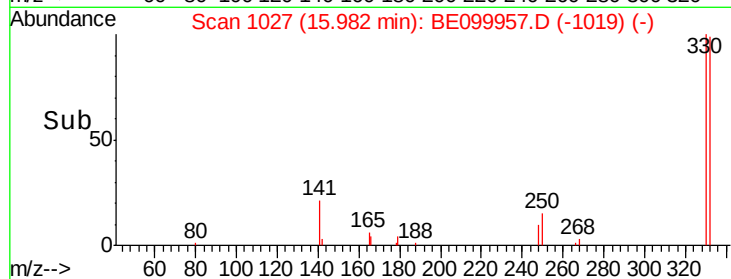
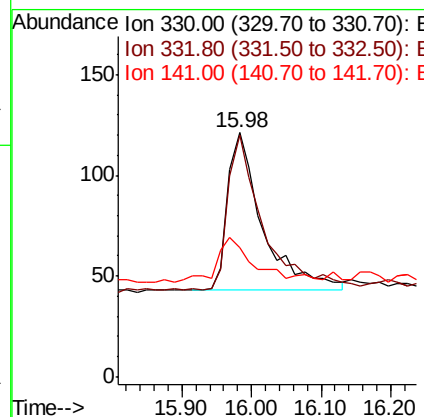
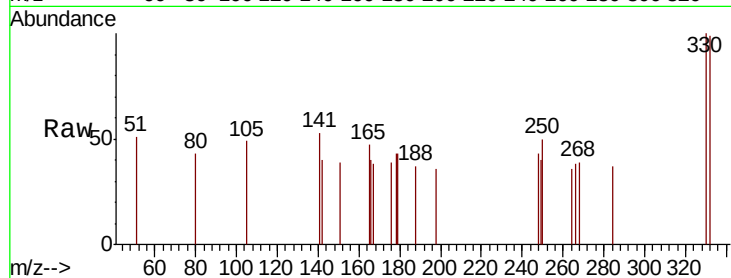




#14
 2,4,6-Tribromophenol
 Concen: 0.149 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE099957.D
 Acq: 12 Jun 2019 15:36

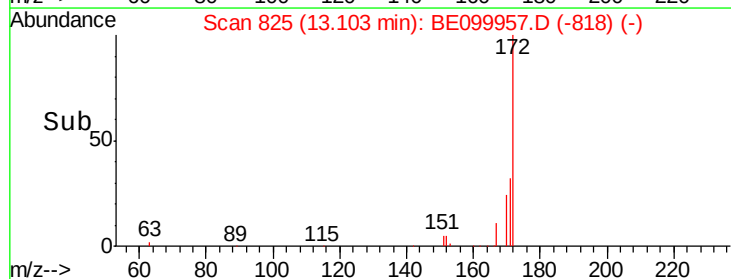
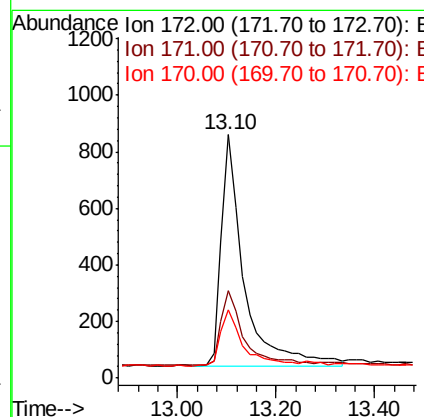
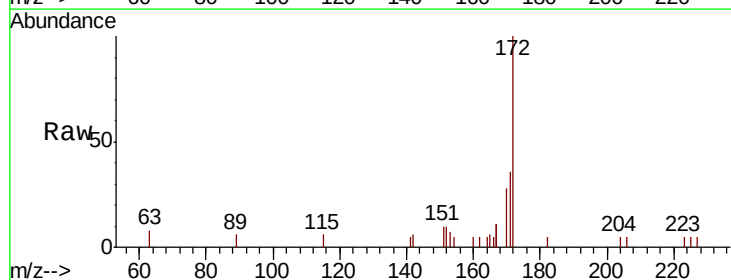
Instrument :
 BNA_E
 ClientSampleId :
 RE109D2-20190605

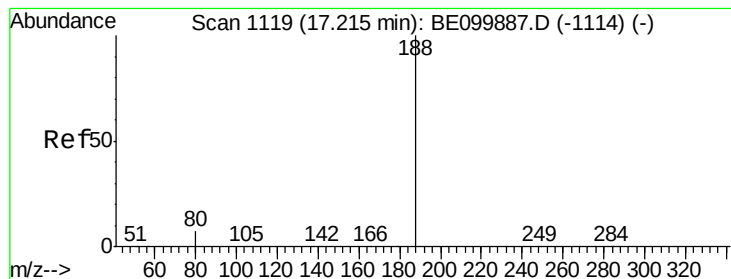
Tgt Ion: 330 Resp: 273
 Ion Ratio Lower Upper
 330 100
 332 101.1 76.7 115.1
 141 28.2 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.277 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099957.D
 Acq: 12 Jun 2019 15:36

Tgt Ion: 172 Resp: 2597
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 27.8 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099957.D

Acq: 12 Jun 2019 15:36

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190605

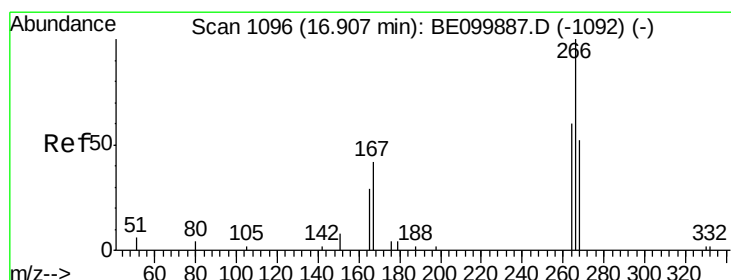
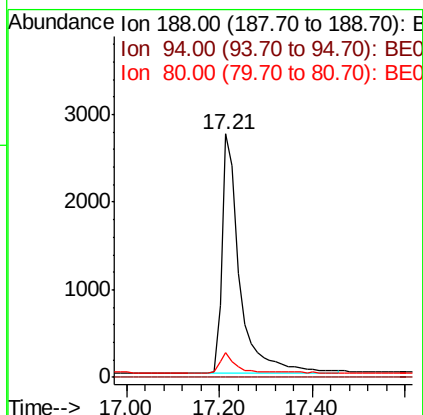
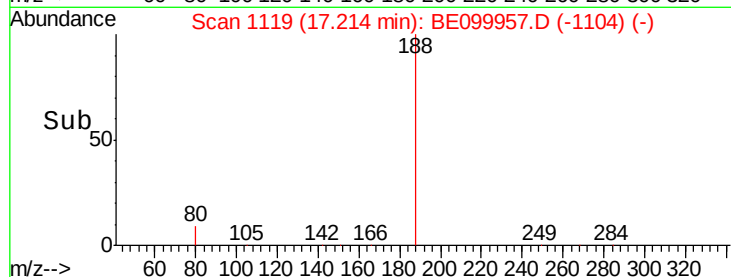
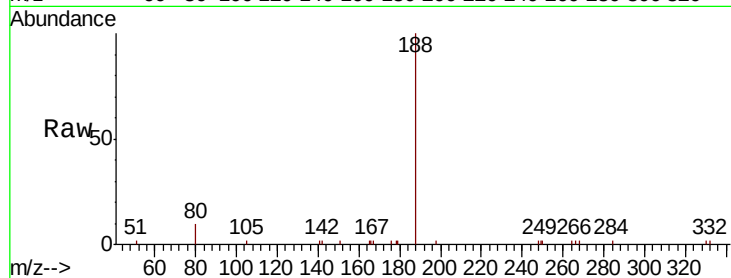
Tgt Ion:188 Resp: 7401

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 6.4 9.6#



#22

Pentachlorophenol

Concen: 0.304 ng

RT: 16.91 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE099957.D

Acq: 12 Jun 2019 15:36

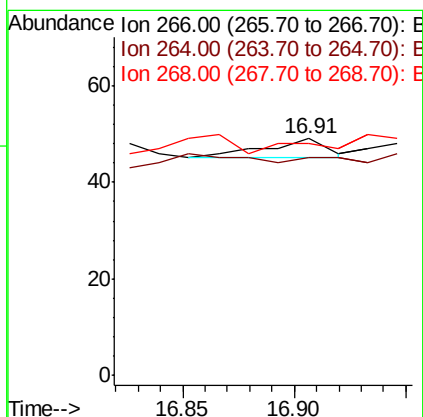
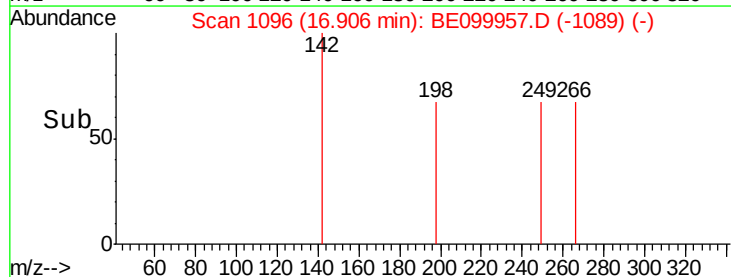
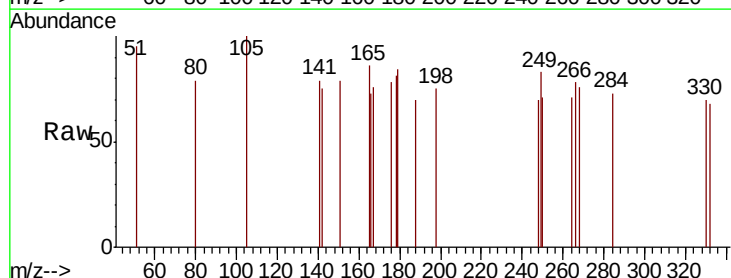
Tgt Ion:266 Resp: 8

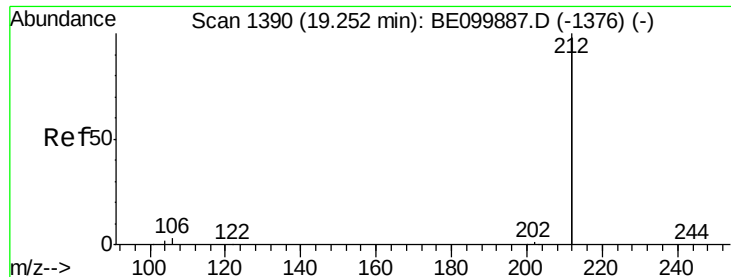
Ion Ratio Lower Upper

266 100

264 91.8 62.2 93.2

268 98.0 65.5 98.3





#25

Fluoranthene-d10

Concen: 0.229 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099957.D

Acq: 12 Jun 2019 15:36

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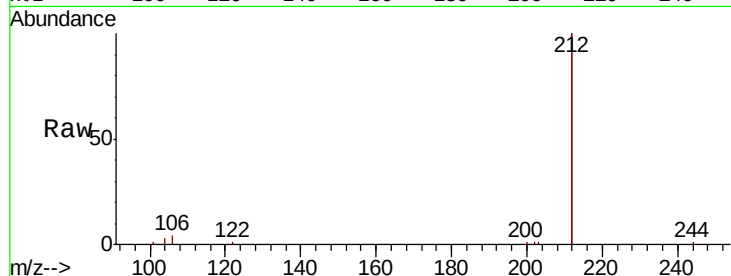
Tgt Ion:212 Resp: 24720

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

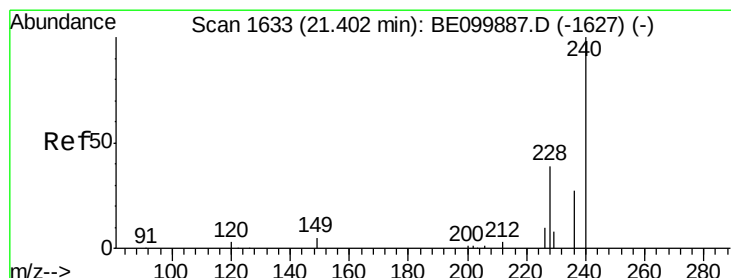
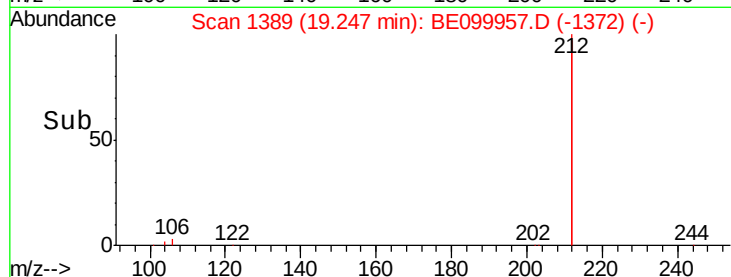
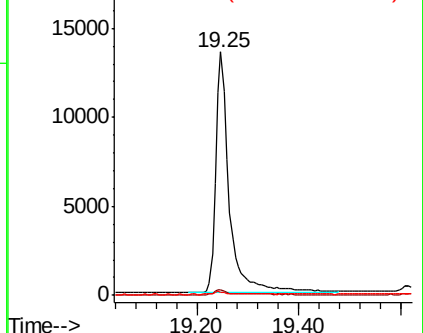
104 1.1 0.9 1.3



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: BE099957.D

Acq: 12 Jun 2019 15:36

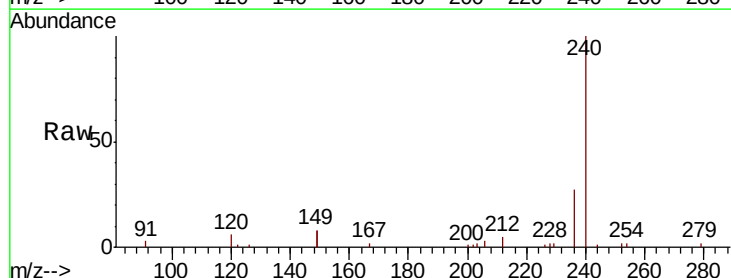
Tgt Ion:240 Resp: 9646

Ion Ratio Lower Upper

240 100

120 5.9 3.8 5.6#

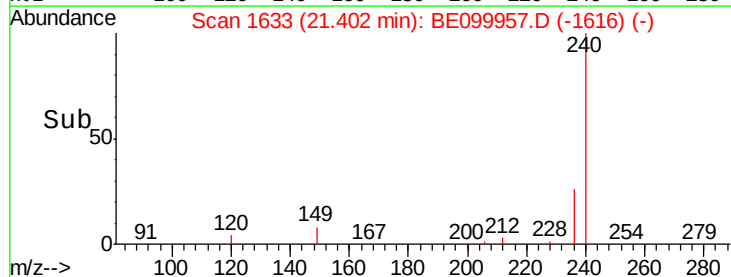
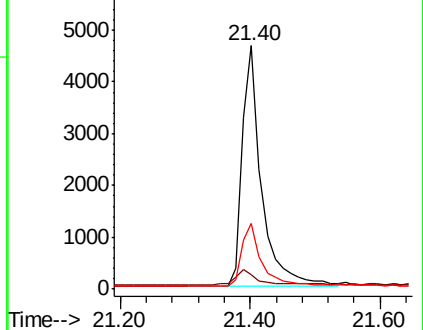
236 27.0 22.0 33.0

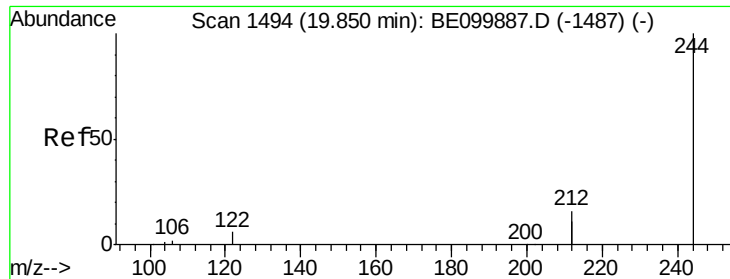


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.429 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099957.D

Acq: 12 Jun 2019 15:36

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RE109D2-20190605

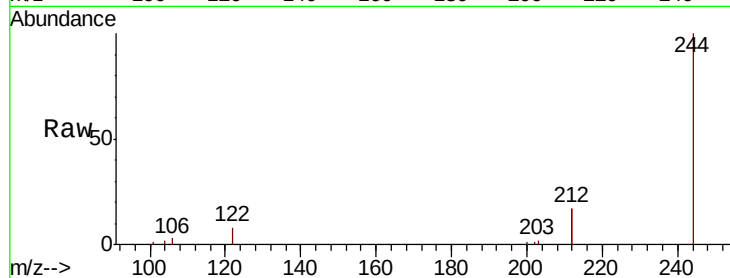
Tgt Ion:244 Resp: 7442

Ion Ratio Lower Upper

244 100

212 34.0 25.7 38.5

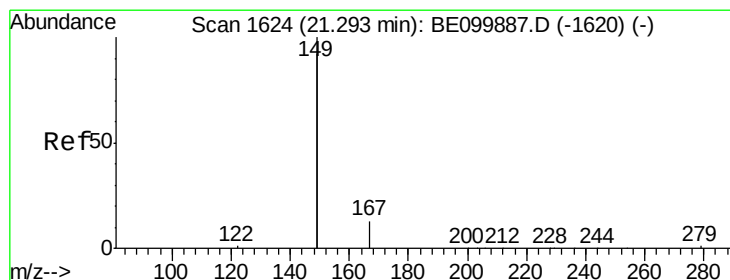
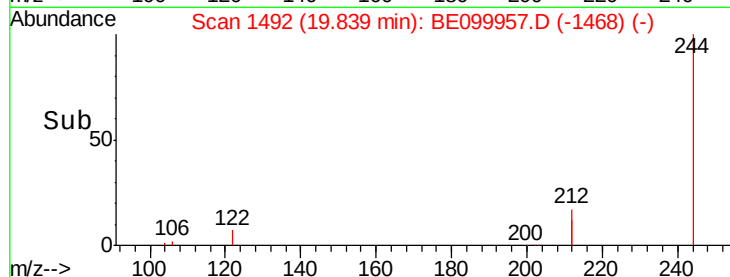
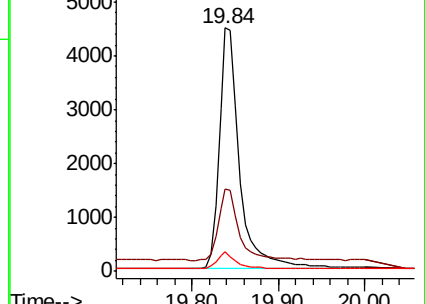
122 8.1 5.5 8.3



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: 0.056 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099957.D

Acq: 12 Jun 2019 15:36

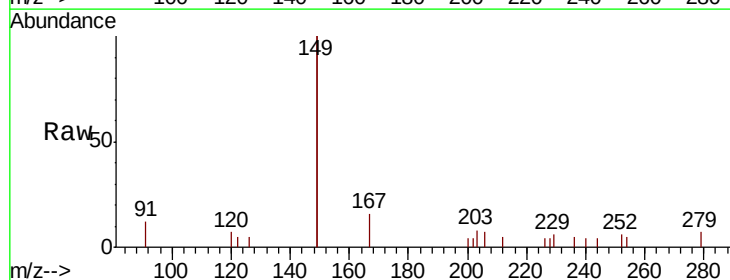
Tgt Ion:149 Resp: 2314

Ion Ratio Lower Upper

149 100

167 9.1 5.9 8.9#

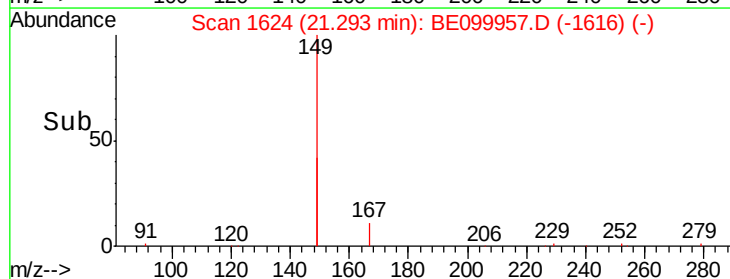
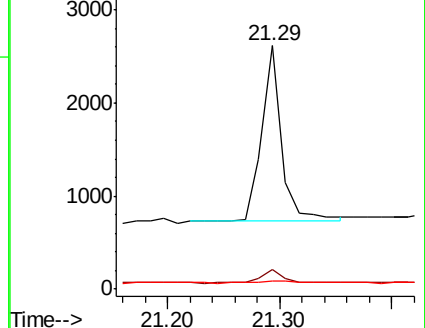
279 2.3 1.2 1.8#

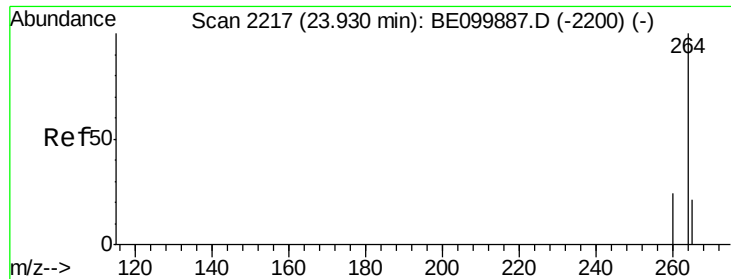


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BE099957.D
Acq: 12 Jun 2019 15:36

Instrument :
BNA_E
ClientSampleId :
RE109D2-20190605

Tgt Ion: 264 Resp: 10823
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.2
265 31.7 22.0 33.0

