

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099903.D
 Acq On : 10 Jun 2019 22:55
 Operator : JU/SJ
 Sample : K3257-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190605

Quant Time: Jun 11 07:34:30 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

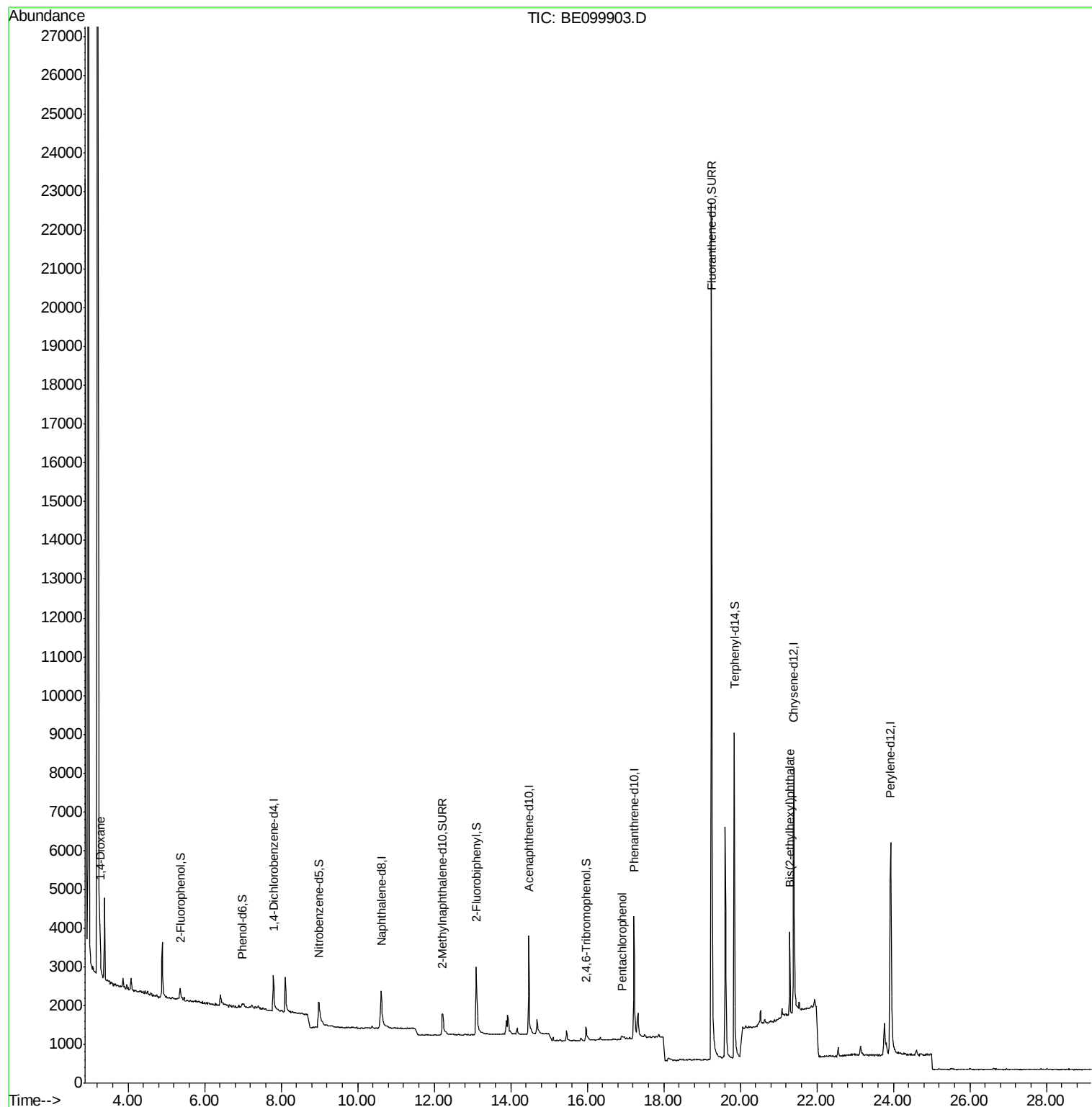
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	628	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2111	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1762	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5639	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8881	0.40	ng	0.00
34) Perylene-d12	23.92	264	10215	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	278	0.16	ng	0.00
5) Phenol-d6	6.99	99	202	0.09	ng	0.02
8) Nitrobenzene-d5	8.98	82	768	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1498	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	401	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2881	0.43	ng	0.00
25) Fluoranthene-d10	19.25	212	35086	0.43	ng	0.00
29) Terphenyl-d14	19.85	244	9365	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	704	0.757	ng	Qvalue # 83
22) Pentachlorophenol	16.91	266	130	0.382	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.29	149	2384	0.063	ng	# 99

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

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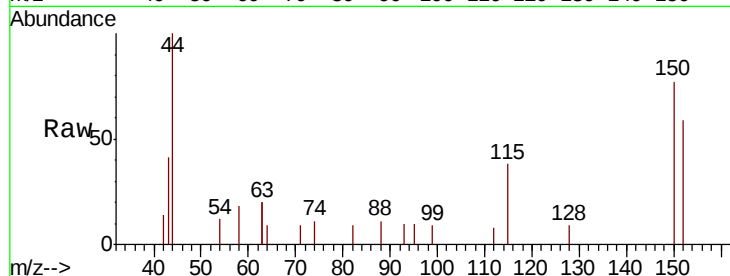


#1

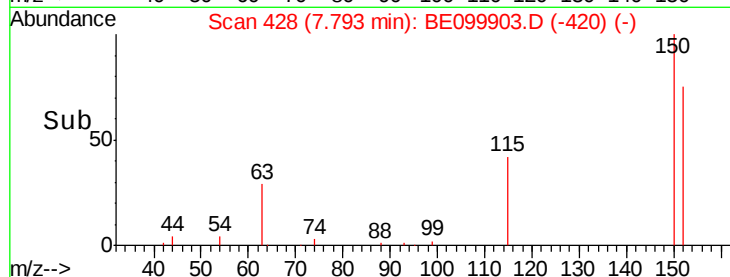
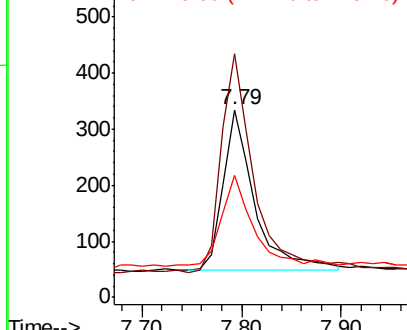
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099903.D
Acq: 10 Jun 2019 22:55

Instrument :
BNA_E
ClientSampleId :
DUP02-20190605

Tot Ion:152 Resp: 628
Ion Ratio Lower Upper
152 100
150 129.6 111.0 166.6
115 64.8 50.7 76.1



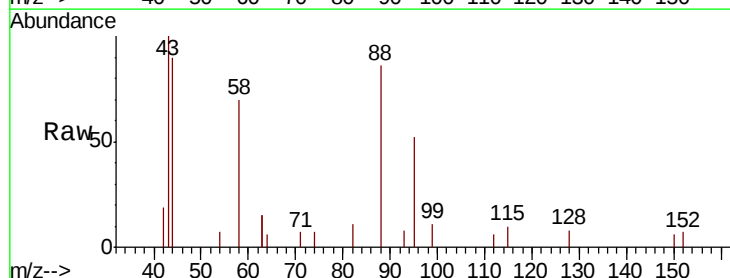
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



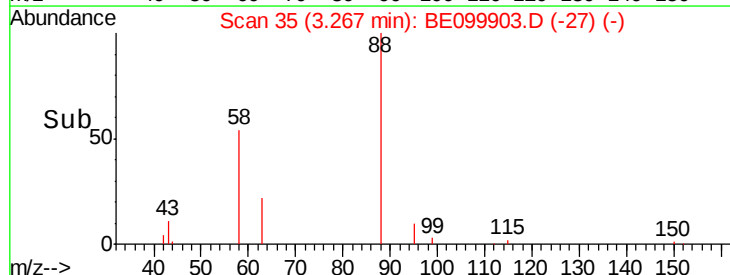
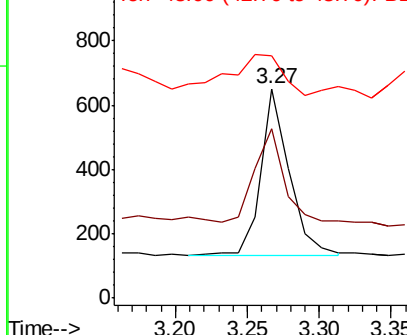
#2

1,4-Dioxane
Concen: 0.757 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099903.D
Acq: 10 Jun 2019 22:55

Tgt Ion: 88 Resp: 704
Ion Ratio Lower Upper
88 100
58 57.7 48.8 73.2
43 47.9 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: 0.164 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

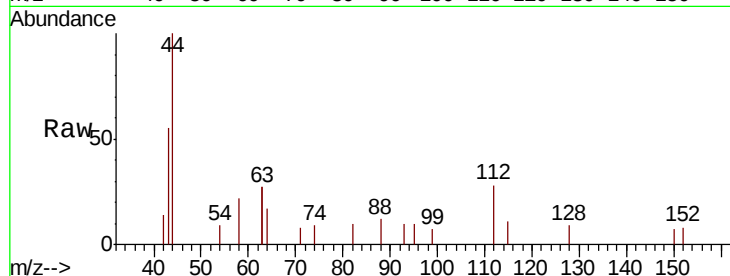
Tot Ion: 112 Resp: 278

Ion Ratio Lower Upper

112 100

64 55.8 44.1 66.1

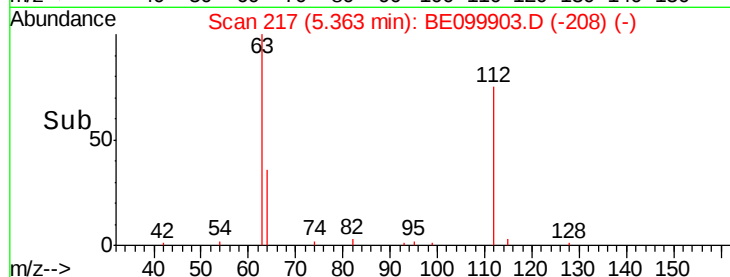
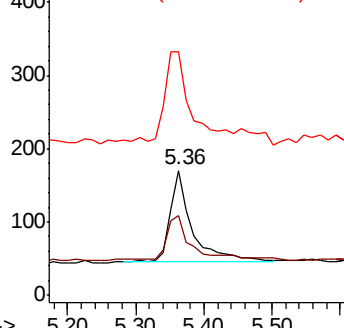
63 115.8 87.8 131.6



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



#5

Phenol-d6

Concen: 0.093 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

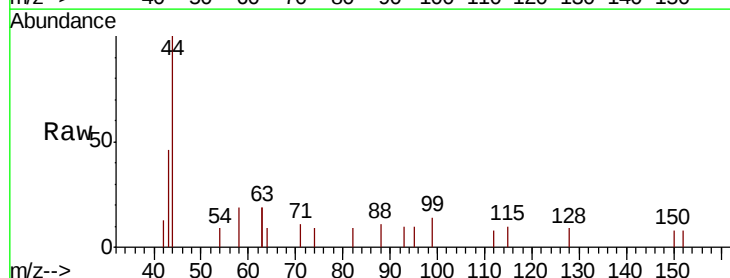
Tgt Ion: 99 Resp: 202

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

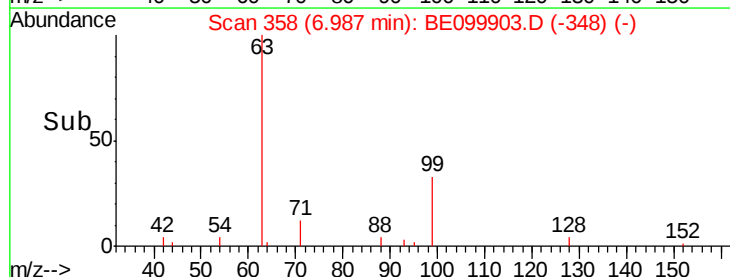
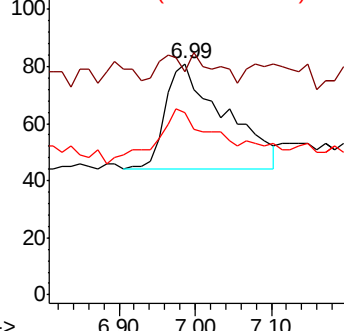
71 47.5 34.6 52.0

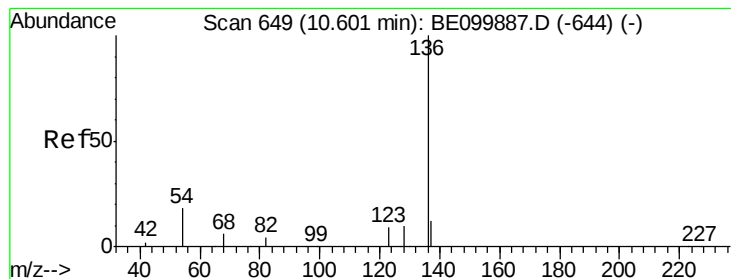


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

Tot Ion:136 Resp: 2111

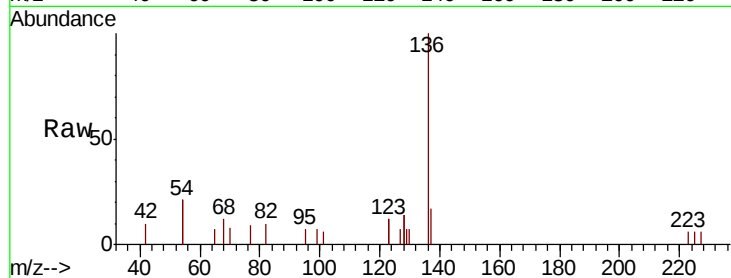
Ion Ratio Lower Upper

136 100

137 16.7 12.3 18.5

54 42.7 28.2 42.4#

68 12.4 7.8 11.8#

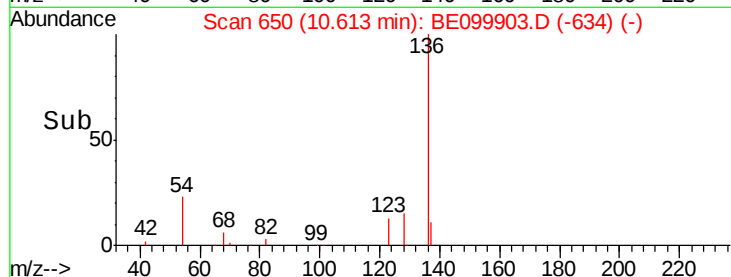


Abundance Ion 136.00 (135.70 to 136.70): E

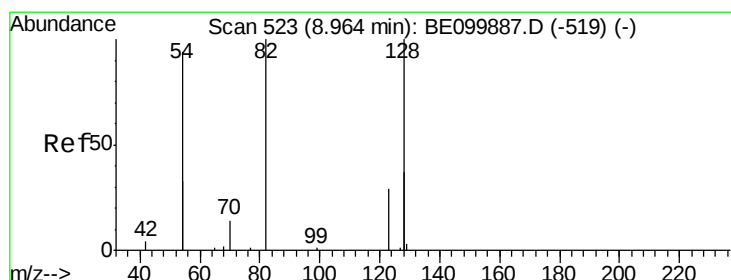
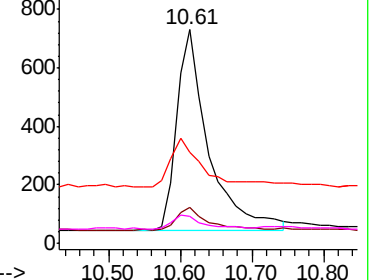
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.384 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

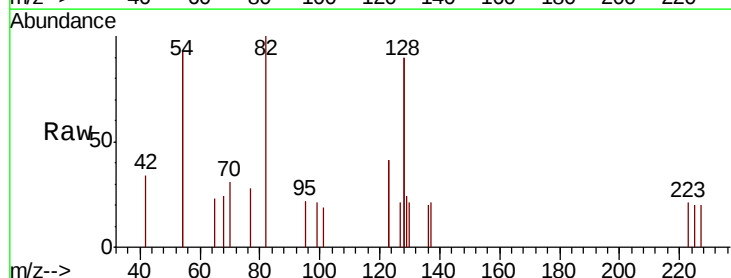
Tgt Ion: 82 Resp: 768

Ion Ratio Lower Upper

82 100

128 179.8 137.3 205.9

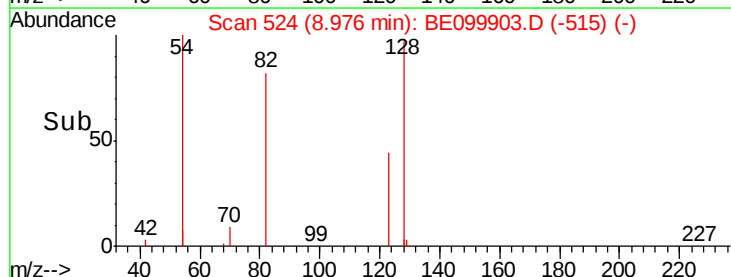
54 185.1 129.7 194.5



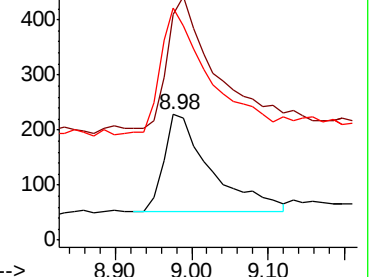
Abundance Ion 82.00 (81.70 to 82.70): BE0

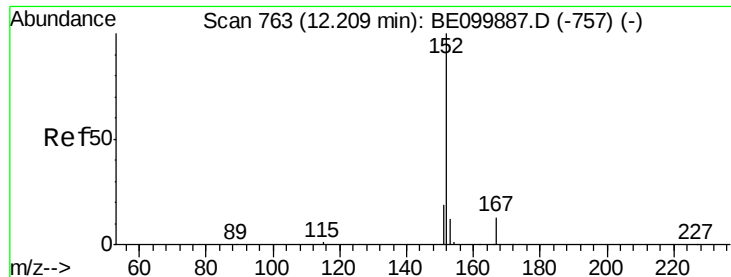
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->

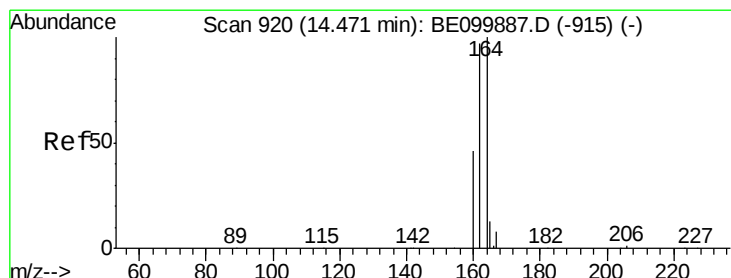
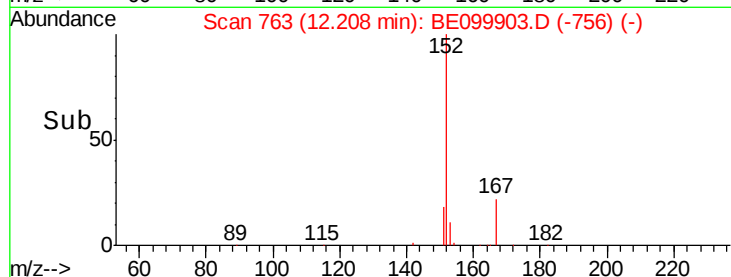
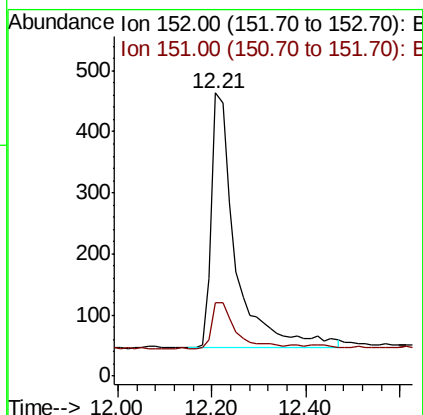
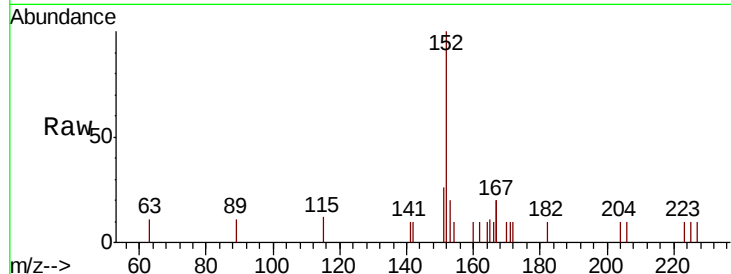




#11
 2-Methylnaphthalene-d10
 Concen: 0.407 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

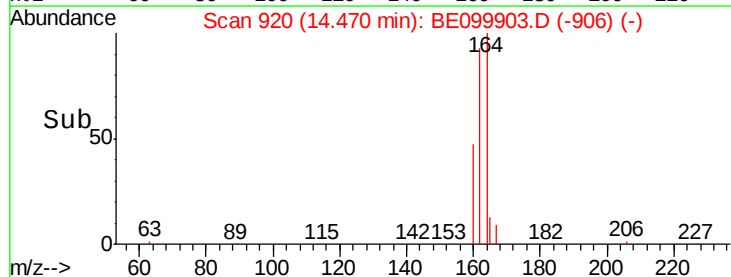
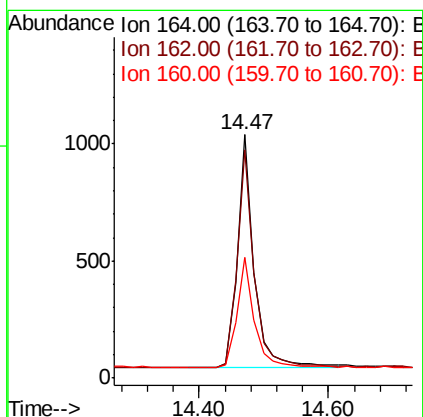
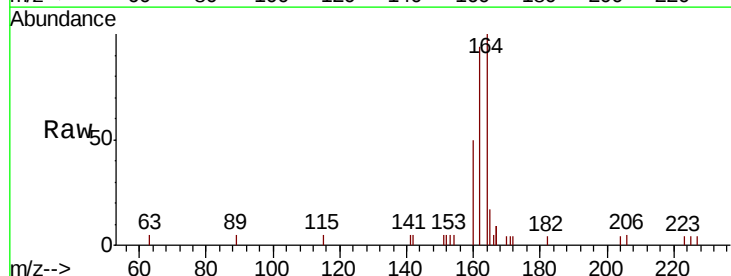
Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190605

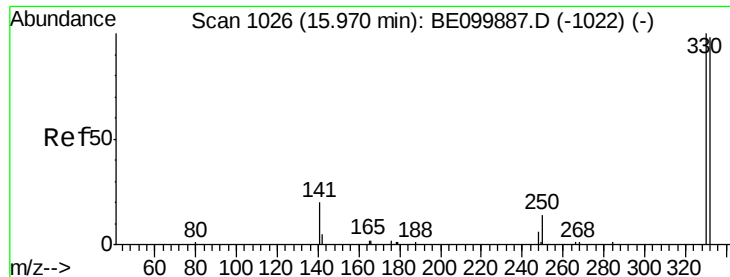
Tot Ion:152 Resp: 1498
 Ion Ratio Lower Upper
 152 100
 151 17.7 15.2 22.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

Tgt Ion:164 Resp: 1762
 Ion Ratio Lower Upper
 164 100
 162 93.6 77.8 116.8
 160 49.6 38.2 57.4

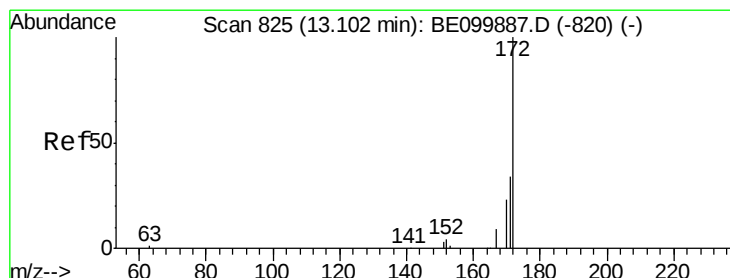
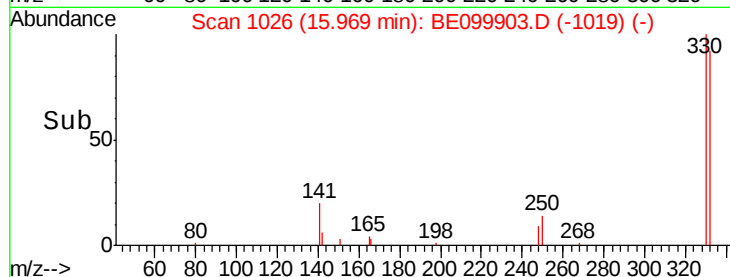
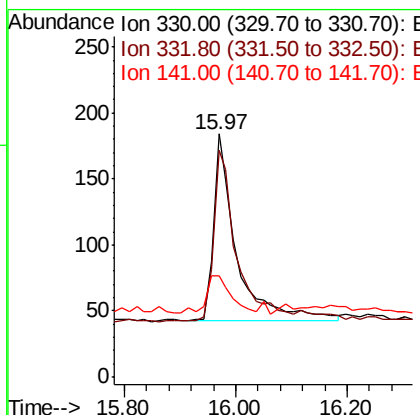
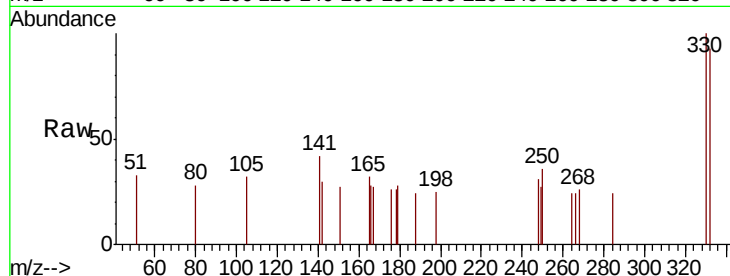




#14
 2,4,6-Tribromophenol
 Concen: 0.308 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

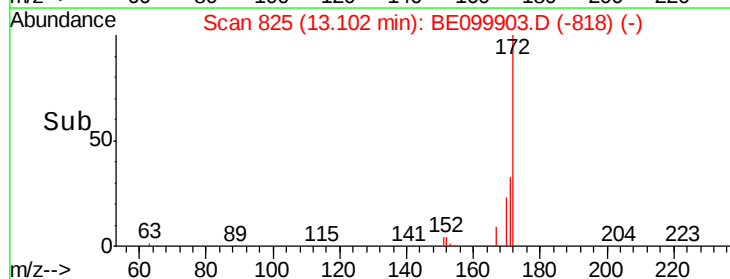
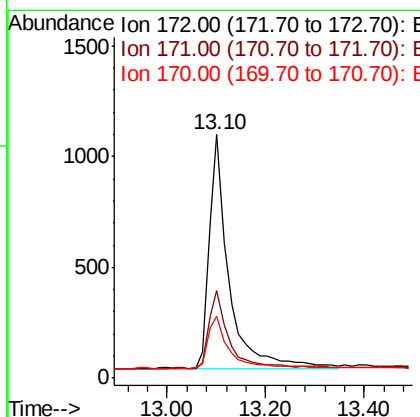
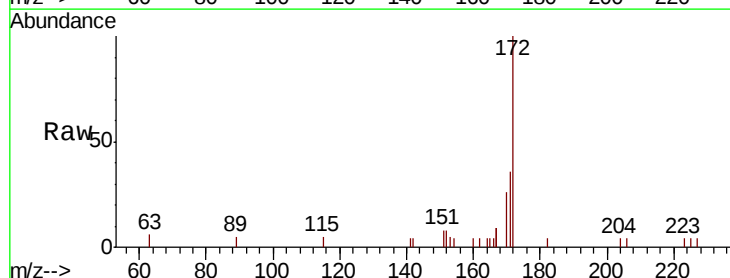
Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190605

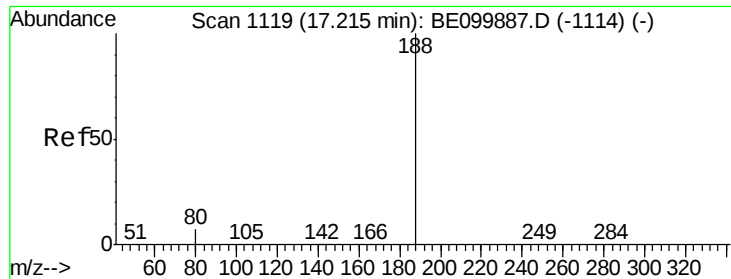
Tot Ion:330 Resp: 401
 Ion Ratio Lower Upper
 330 100
 332 91.0 76.7 115.1
 141 21.9 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.431 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

Tgt Ion:172 Resp: 2881
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 25.6 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: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

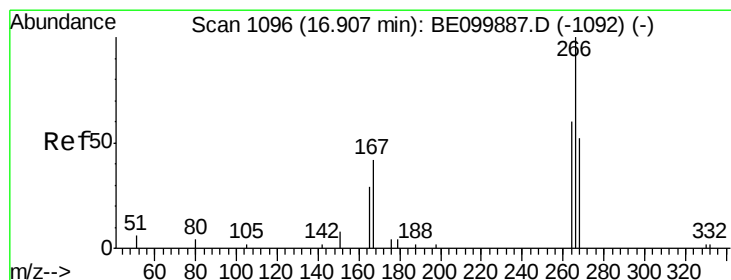
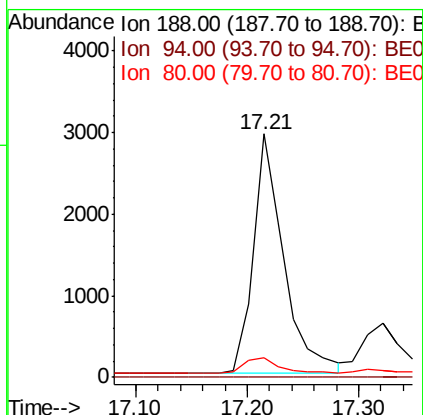
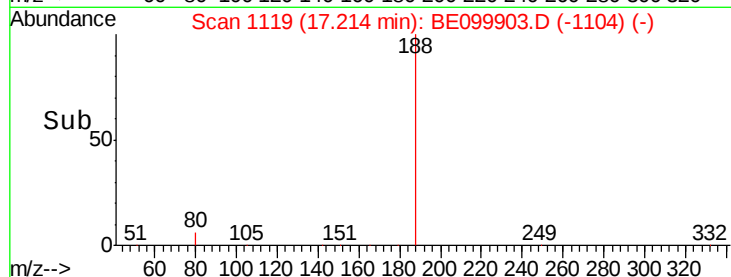
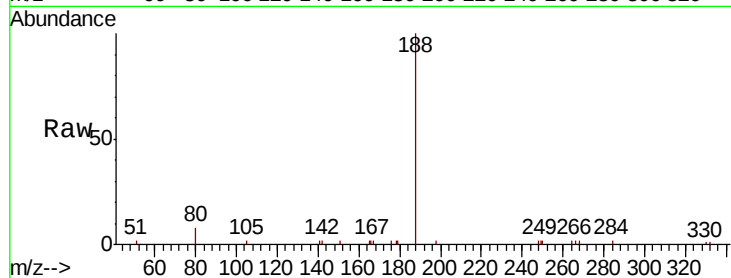
Tot Ion:188 Resp: 5639

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 6.4 9.6



#22

Pentachlorophenol

Concen: 0.382 ng

RT: 16.91 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

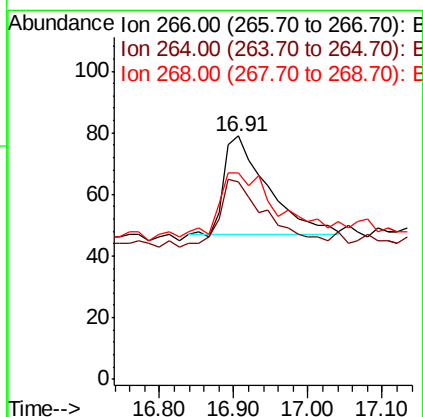
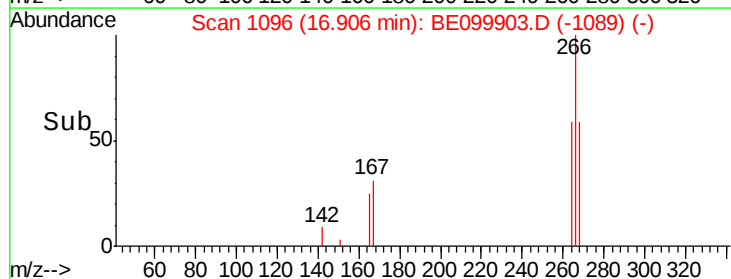
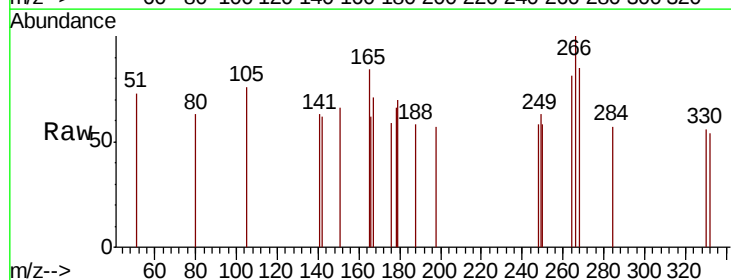
Tgt Ion:266 Resp: 130

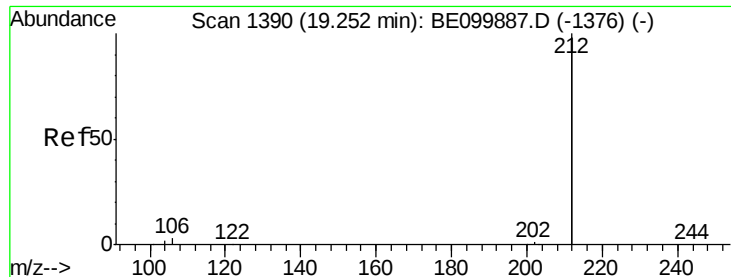
Ion Ratio Lower Upper

266 100

264 81.0 62.2 93.2

268 84.8 65.5 98.3





#25

Fluoranthene-d10

Concen: 0.427 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

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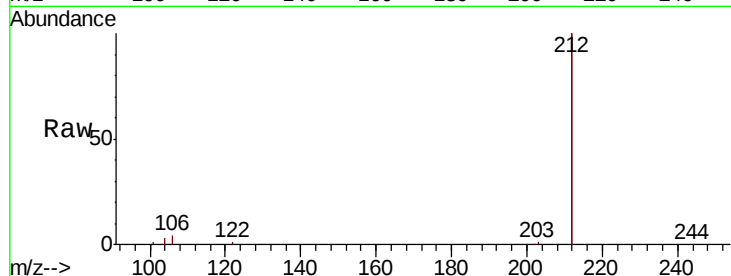
Tot Ion:212 Resp: 35086

Ion Ratio Lower Upper

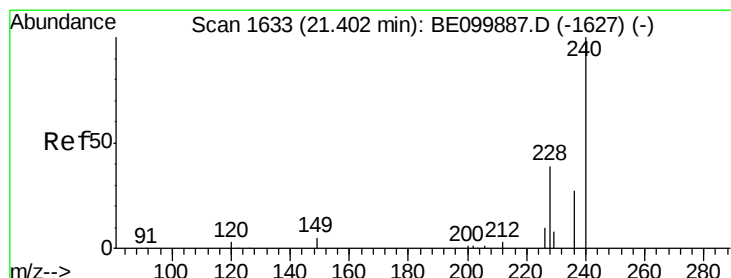
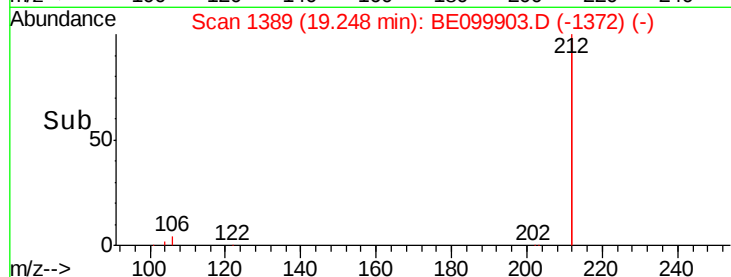
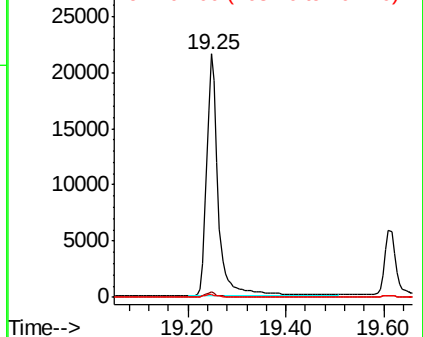
212 100

106 1.7 1.4 2.2

104 1.0 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: BE099903.D

Acq: 10 Jun 2019 22:55

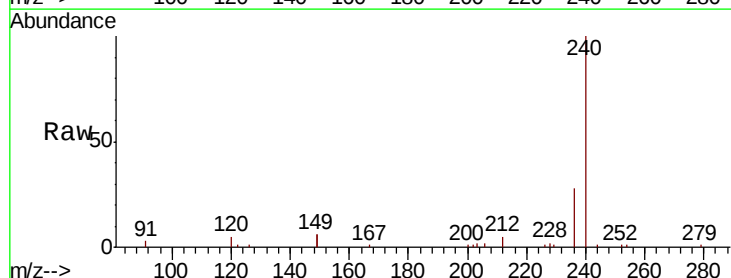
Tgt Ion:240 Resp: 8881

Ion Ratio Lower Upper

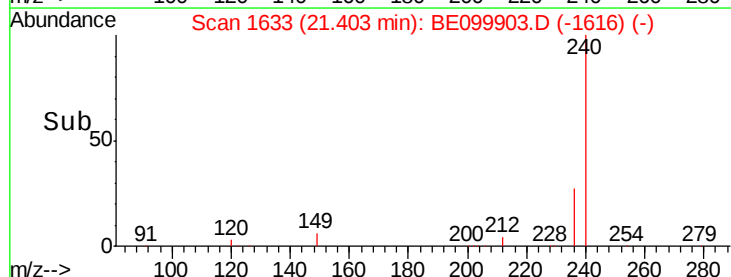
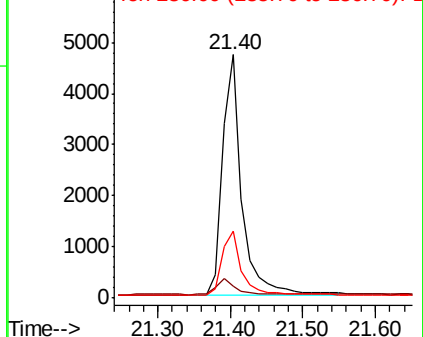
240 100

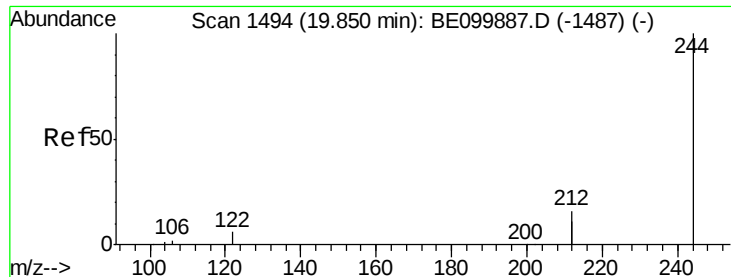
120 4.7 3.8 5.6

236 27.7 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: 0.586 ng

RT: 19.85 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

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DUP02-20190605

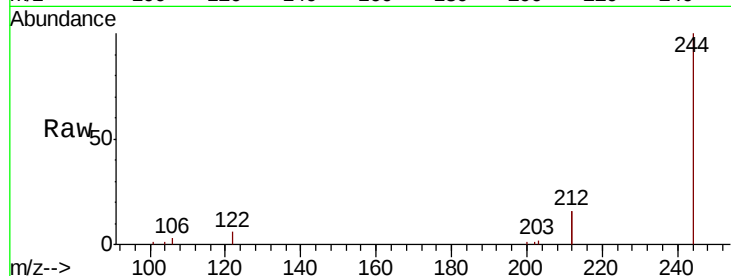
Tot Ion:244 Resp: 9365

Ion Ratio Lower Upper

244 100

212 31.4 25.7 38.5

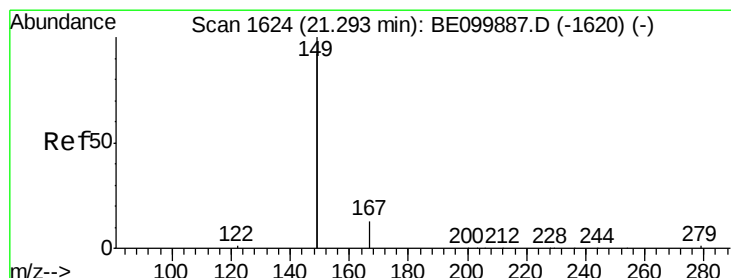
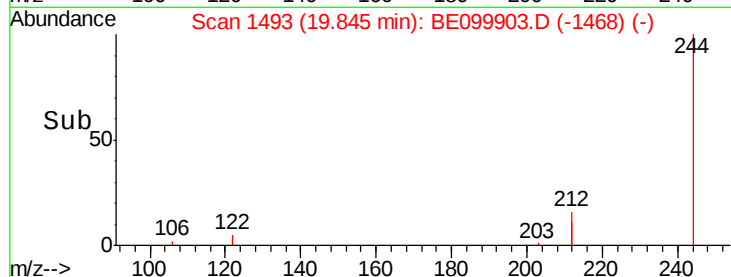
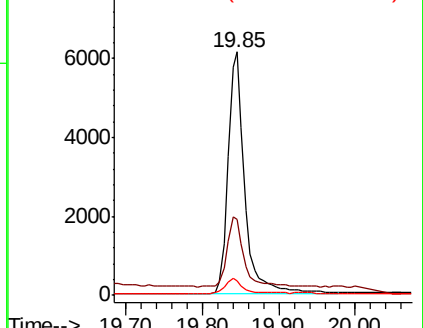
122 6.1 5.5 8.3



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: 0.063 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

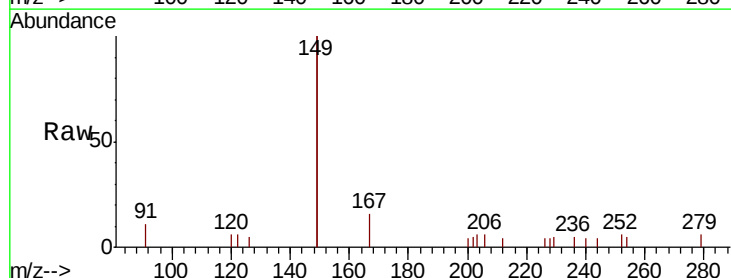
Tgt Ion:149 Resp: 2384

Ion Ratio Lower Upper

149 100

167 7.7 5.9 8.9

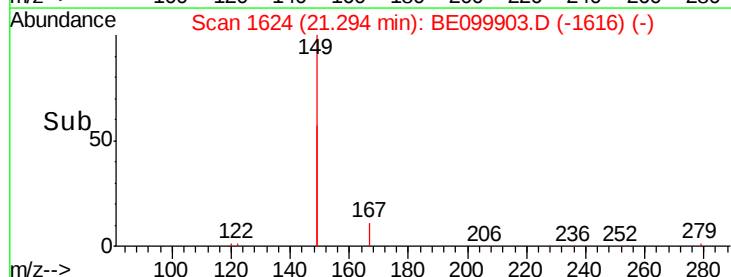
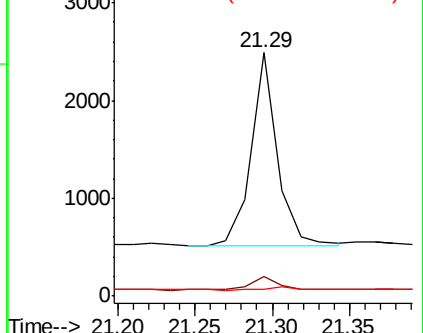
279 1.9 1.2 1.8#

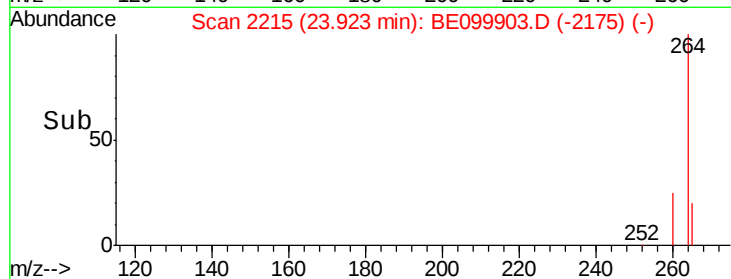
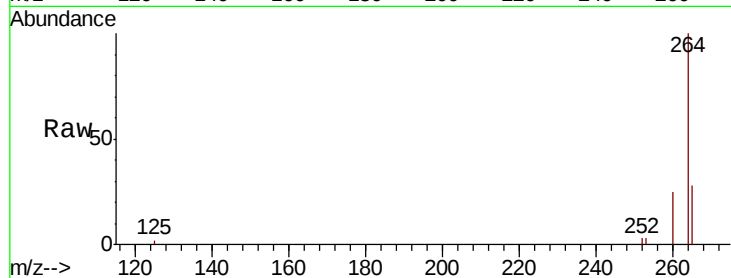


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

Tot Ion:264 Resp: 10215

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 27.5 22.0 33.0

