

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099910.D
 Acq On : 11 Jun 2019 3:08
 Operator : JU/SJ
 Sample : K3257-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D2-20190606

Quant Time: Jun 11 07:46:42 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

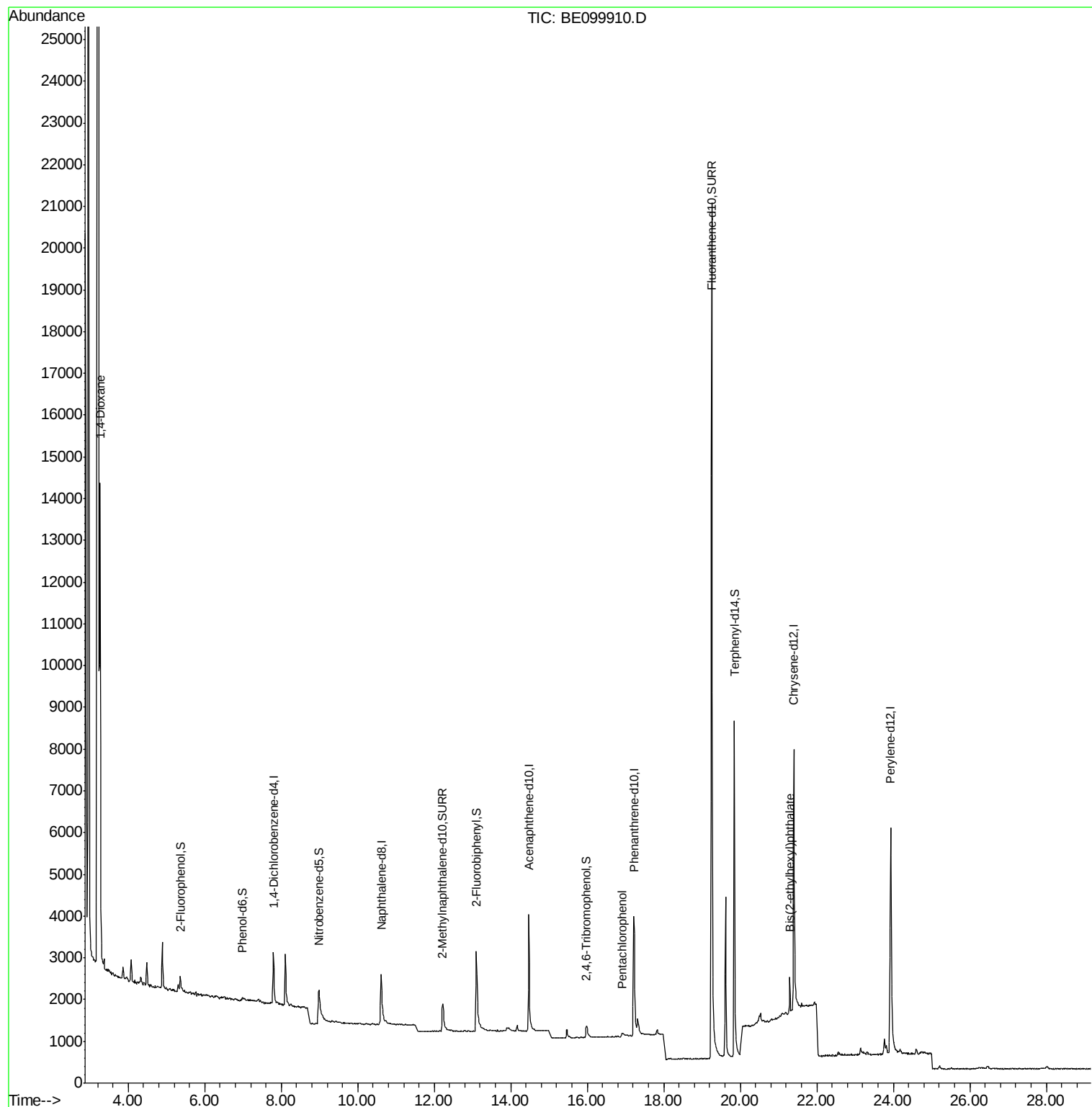
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	806	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2782	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2196	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6170	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9076	0.40	ng	0.00
34) Perylene-d12	23.93	264	10466	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	347	0.16	ng	0.00
5) Phenol-d6	6.99	99	270	0.10	ng	0.02
8) Nitrobenzene-d5	8.99	82	1009	0.38	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1906	0.39	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	388	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	3494	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	36057	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	9348	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	8207	6.880	ng	94
22) Pentachlorophenol	16.92	266	138	0.380	ng	95
32) Bis(2-ethylhexyl)phthalate	21.29	149	1209	0.031	ng	# 98

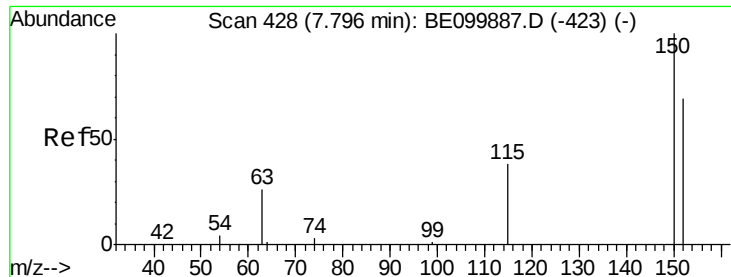
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

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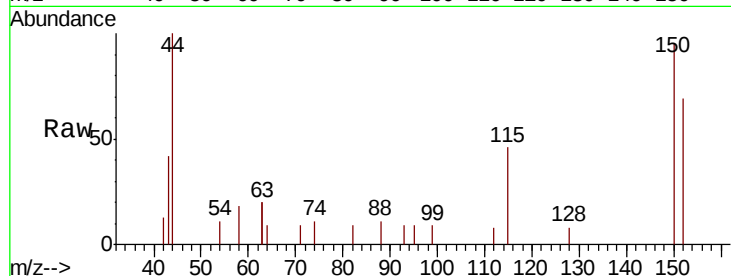
Tot Ion:152 Resp: 806

Ion Ratio Lower Upper

152 100

150 136.6 111.0 166.6

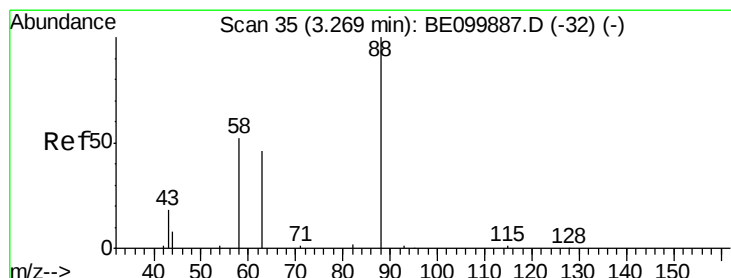
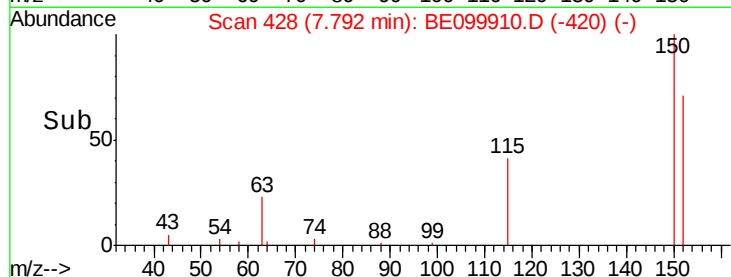
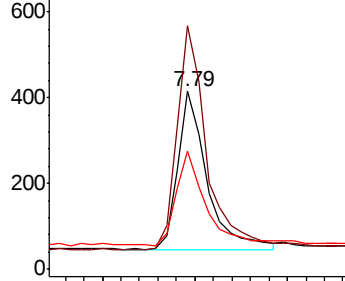
115 66.0 50.7 76.1



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: 6.880 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

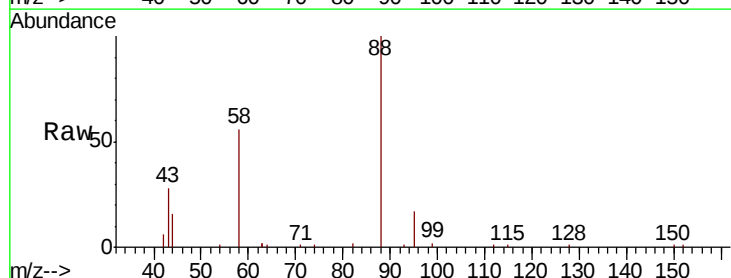
Tgt Ion: 88 Resp: 8207

Ion Ratio Lower Upper

88 100

58 55.2 48.8 73.2

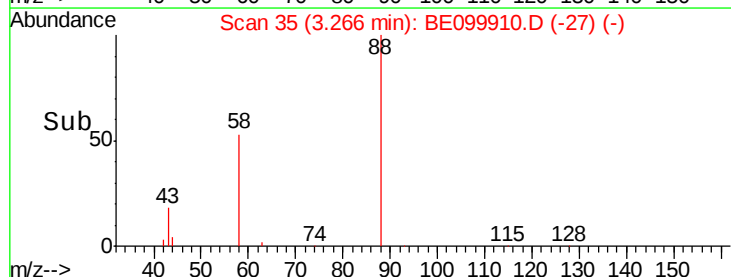
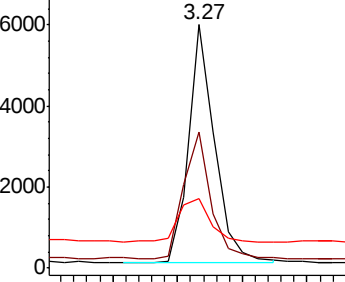
43 22.6 19.0 28.6

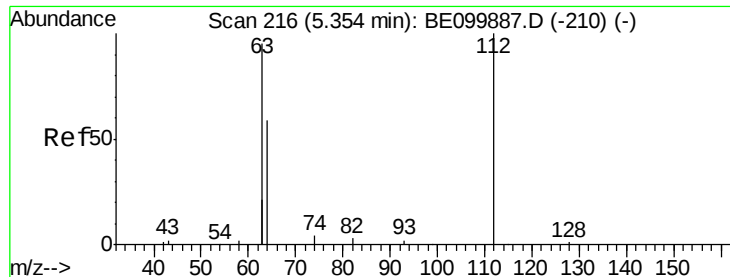


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

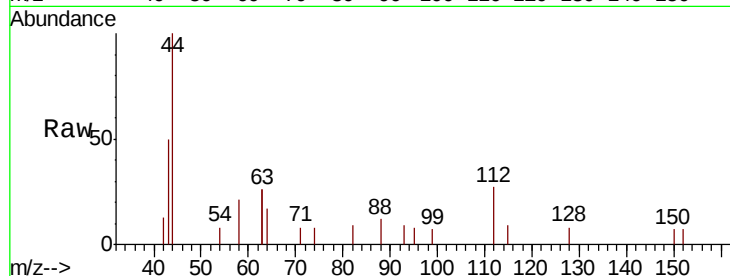
Tot Ion:112 Resp: 347

Ion Ratio Lower Upper

112 100

64 59.4 44.1 66.1

63 107.5 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

500

400

300

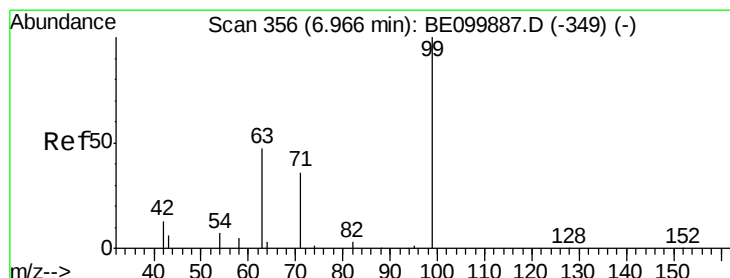
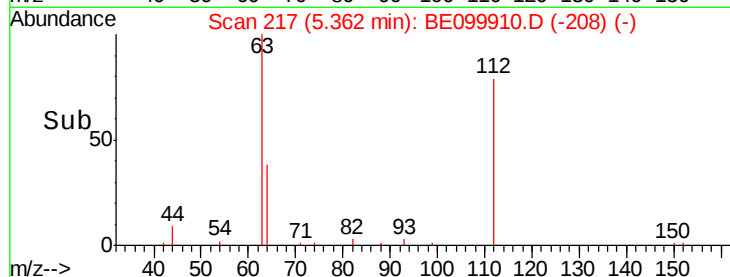
200

100

0

5.20 5.30 5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.096 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

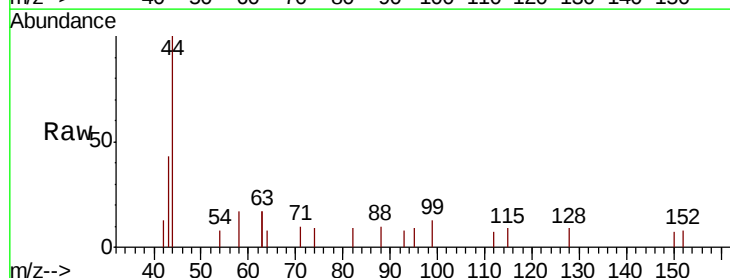
Tgt Ion: 99 Resp: 270

Ion Ratio Lower Upper

99 100

42 4.4 15.9 23.9#

71 27.4 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

120

100

80

60

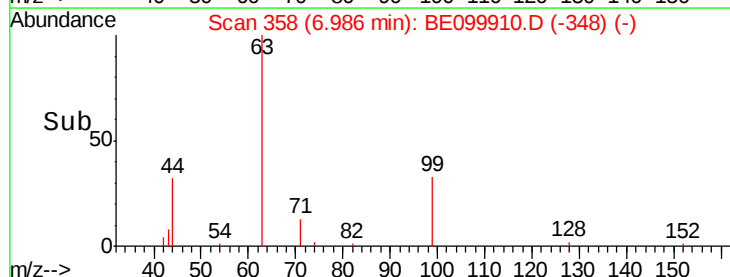
40

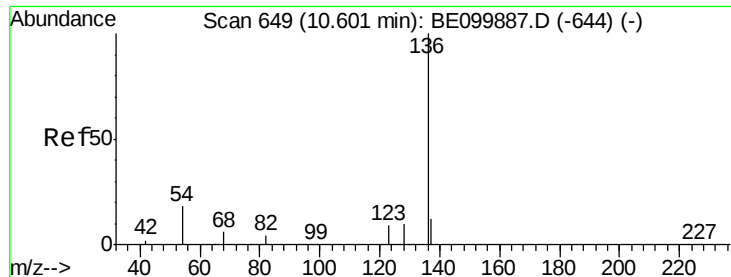
20

0

6.80 7.00 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

Tot Ion:136 Resp: 2782

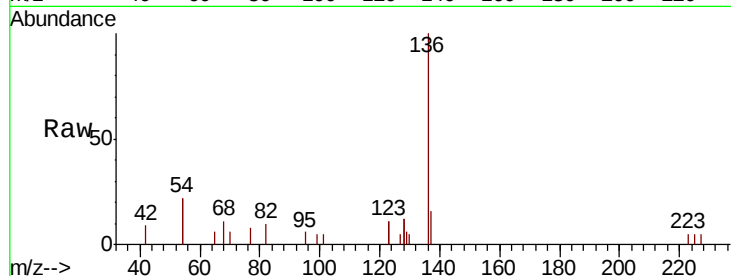
Ion Ratio Lower Upper

136 100

137 16.3 12.3 18.5

54 43.0 28.2 42.4#

68 10.6 7.8 11.8

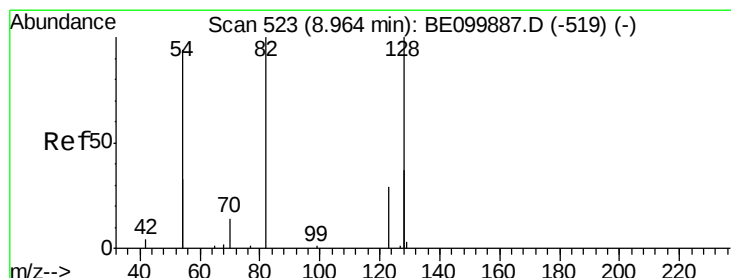
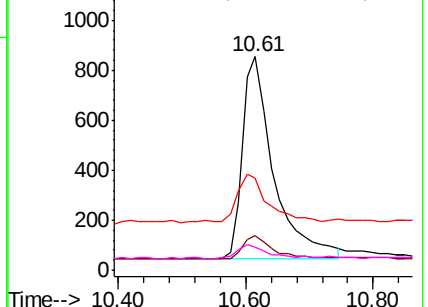
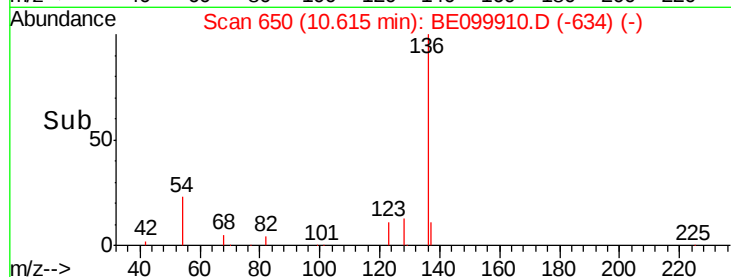


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

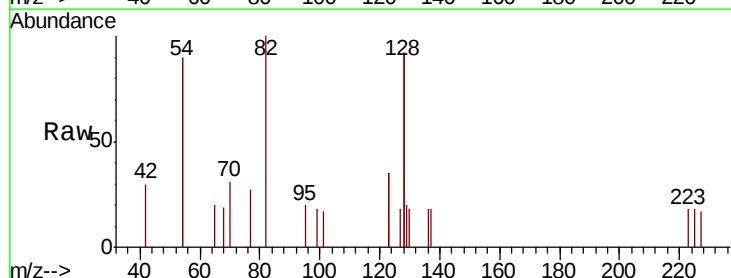
Tgt Ion: 82 Resp: 1009

Ion Ratio Lower Upper

82 100

128 183.8 137.3 205.9

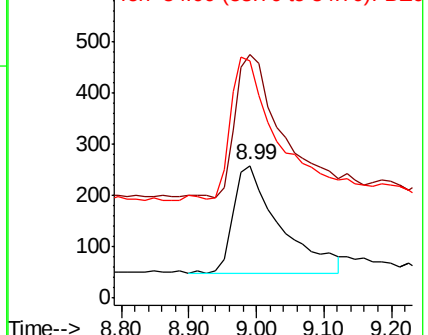
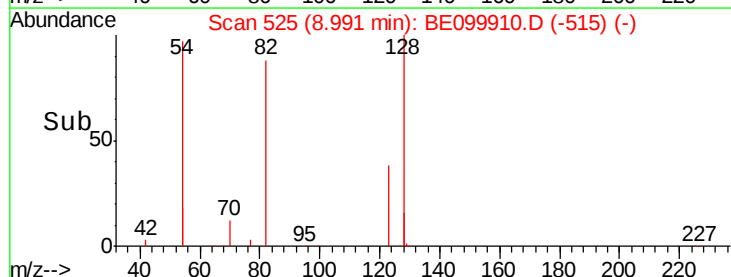
54 179.2 129.7 194.5

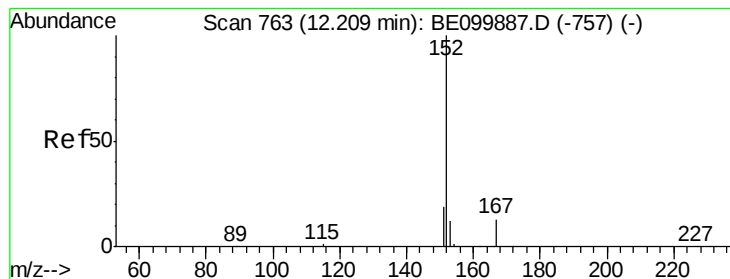


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

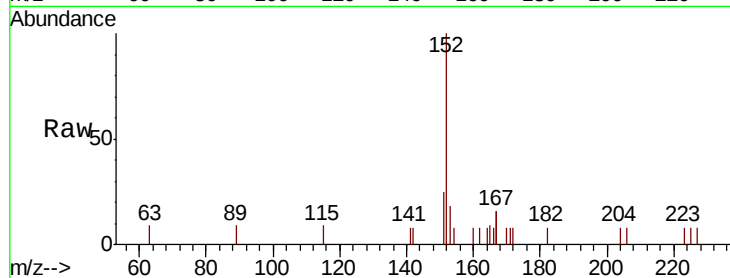
RE120D2-20190606

Tot Ion:152 Resp: 1906

Ion Ratio Lower Upper

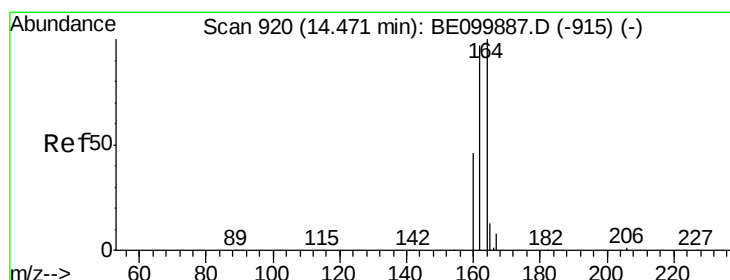
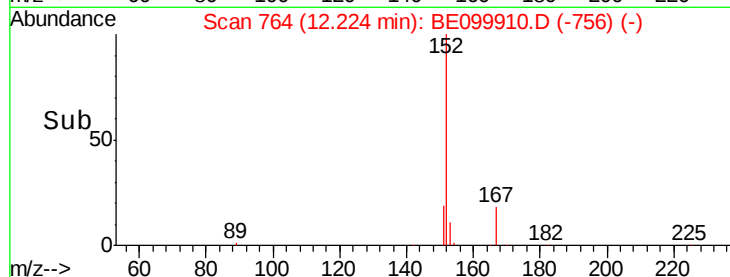
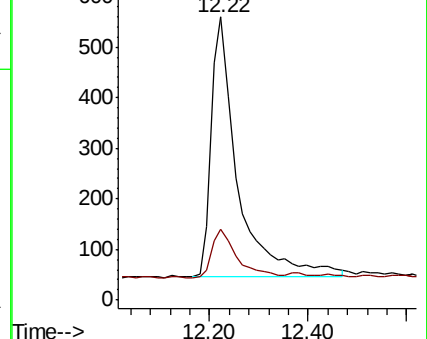
152 100

151 17.3 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

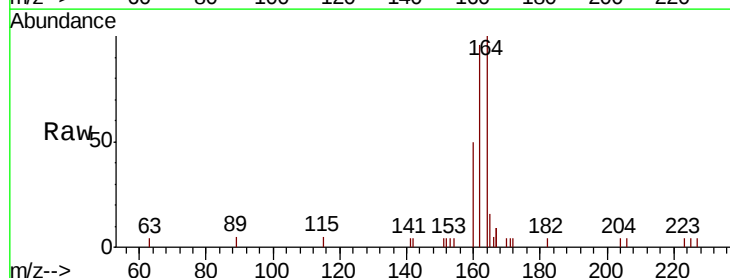
Tgt Ion:164 Resp: 2196

Ion Ratio Lower Upper

164 100

162 96.2 77.8 116.8

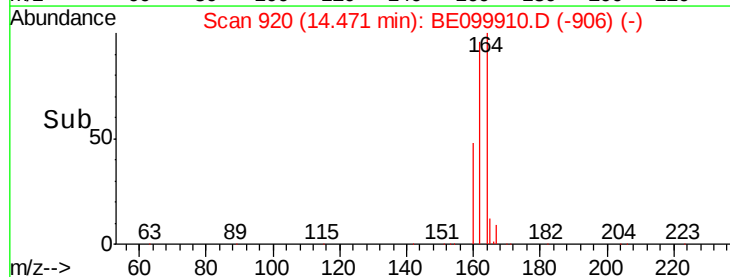
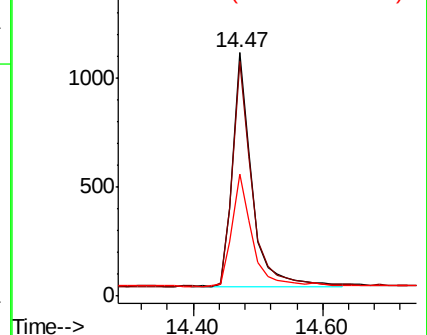
160 50.0 38.2 57.4

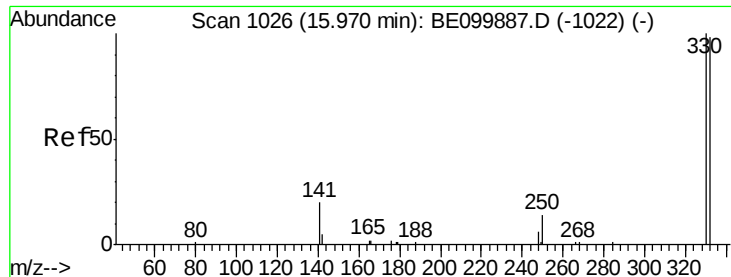


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.239 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

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ClientSampleId :

RE120D2-20190606

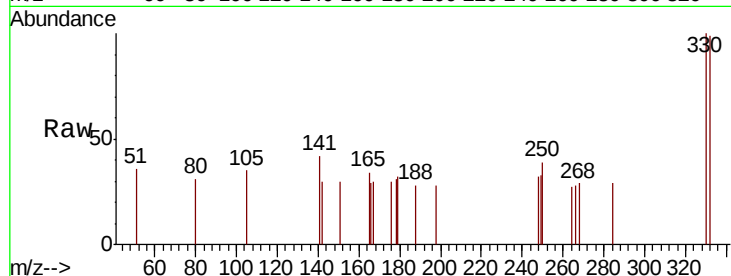
Tot Ion:330 Resp: 388

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

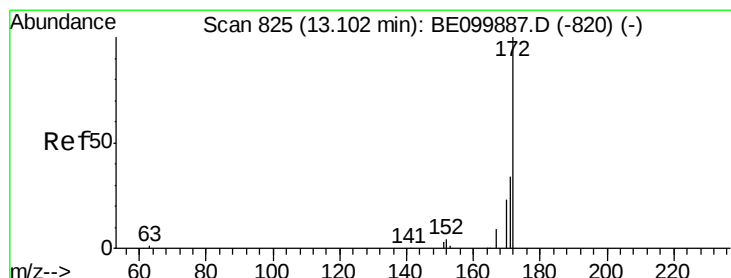
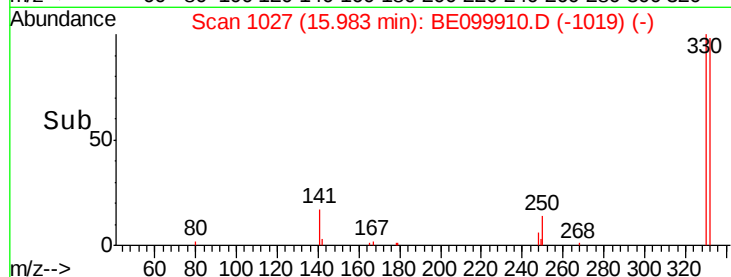
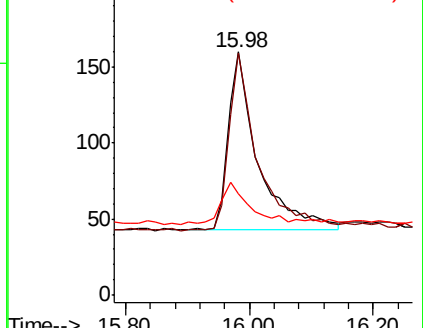
141 22.4 21.0 31.6



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: 0.420 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

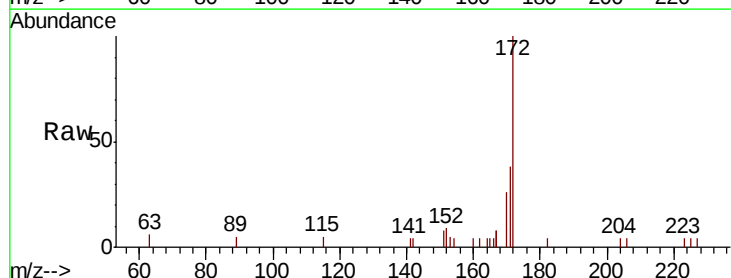
Tgt Ion:172 Resp: 3494

Ion Ratio Lower Upper

172 100

171 37.9 29.2 43.8

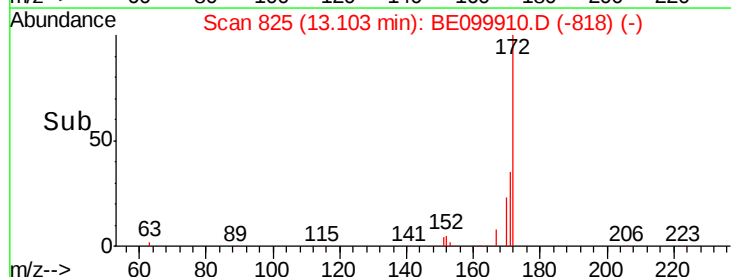
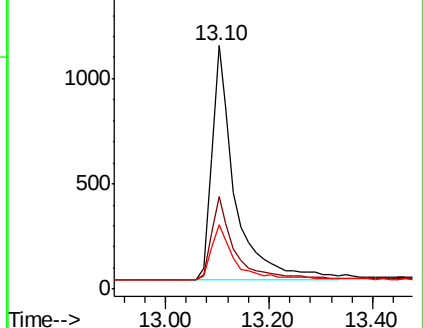
170 26.2 21.2 31.8

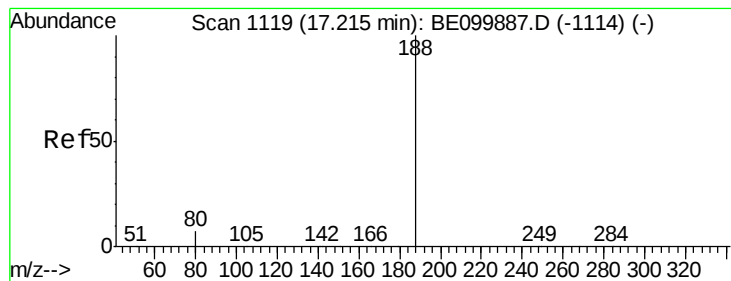


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

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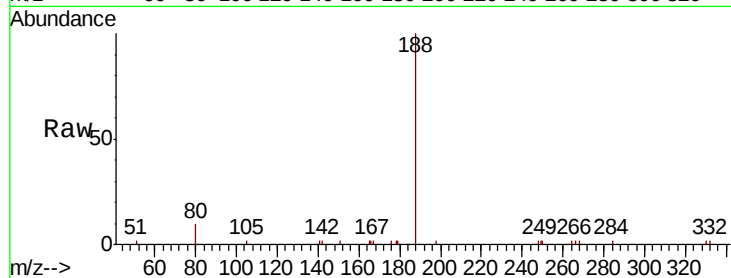
Tot Ion:188 Resp: 6170

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

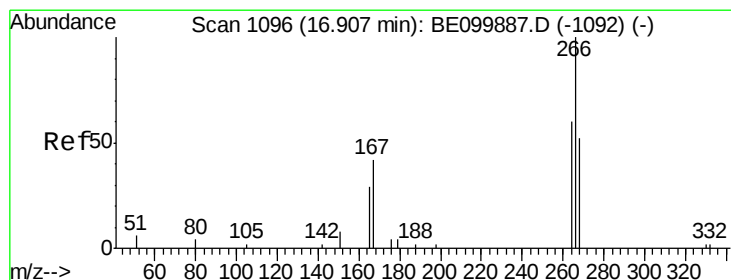
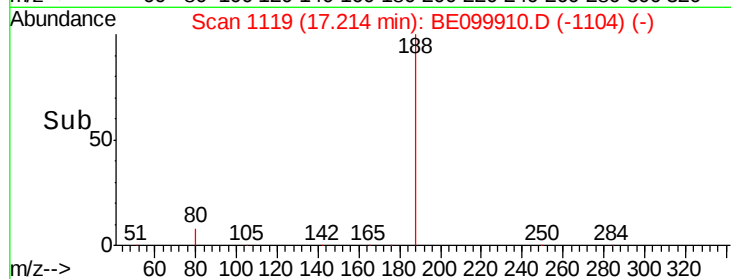
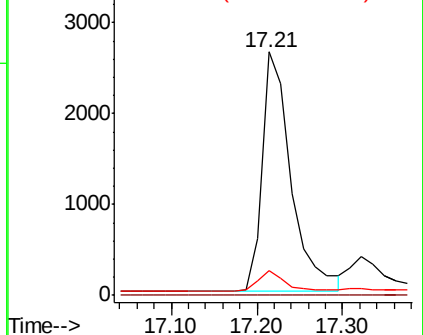
80 10.0 6.4 9.6#



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: 0.380 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

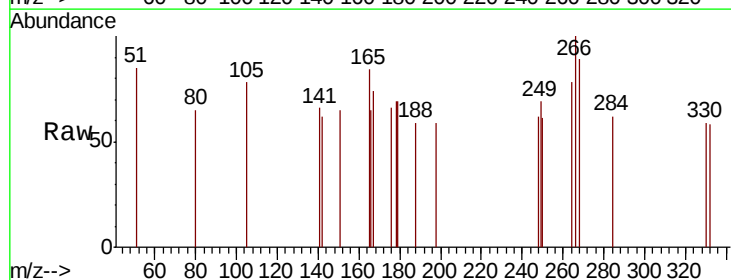
Tgt Ion:266 Resp: 138

Ion Ratio Lower Upper

266 100

264 78.4 62.2 93.2

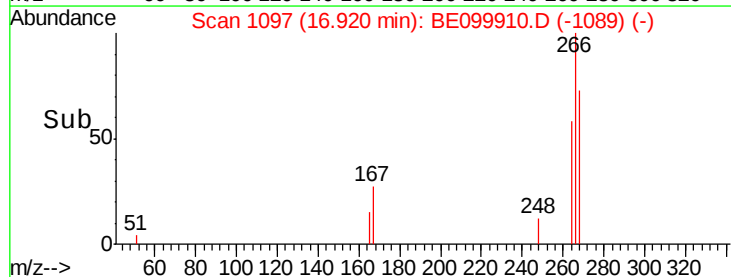
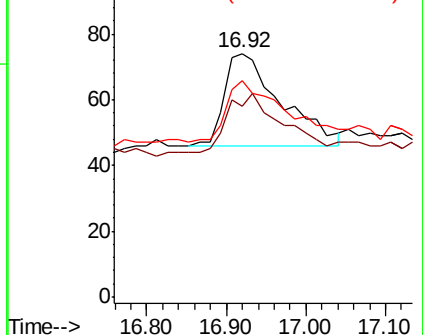
268 89.2 65.5 98.3

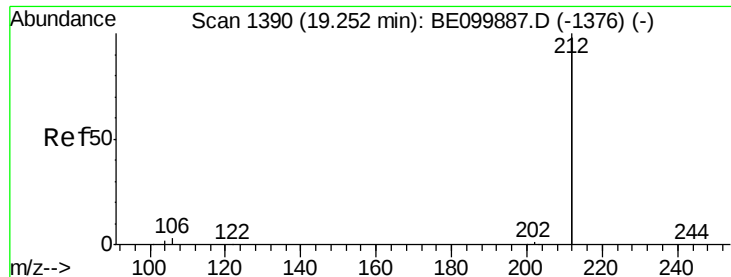


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

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ClientSampleId :

RE120D2-20190606

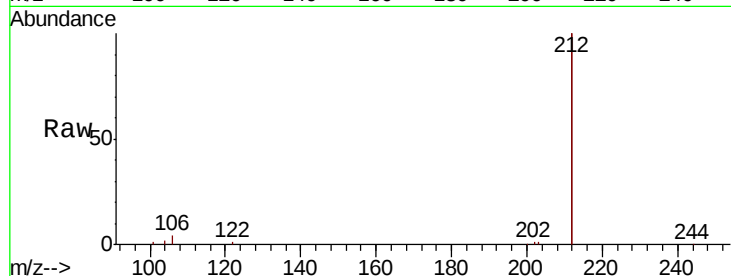
Tot Ion:212 Resp: 36057

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

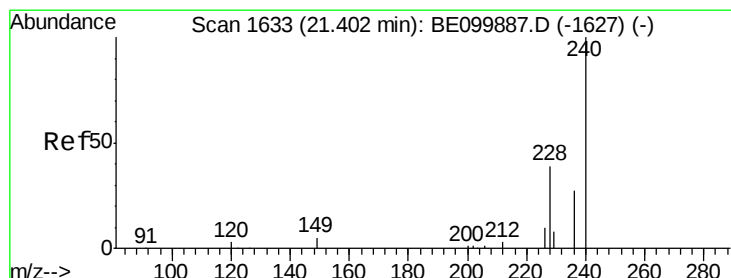
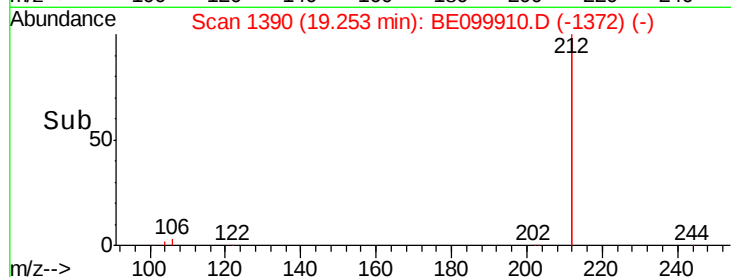
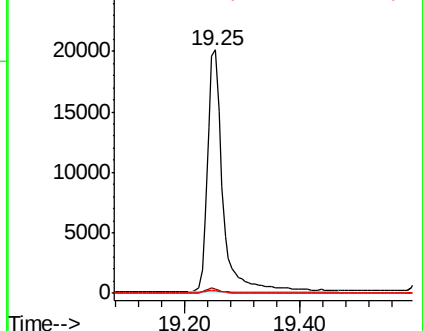
104 1.0 0.9 1.3



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: BE099910.D

Acq: 11 Jun 2019 3:08

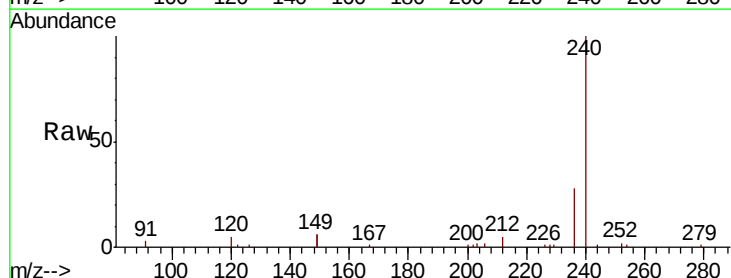
Tgt Ion:240 Resp: 9076

Ion Ratio Lower Upper

240 100

120 5.2 3.8 5.6

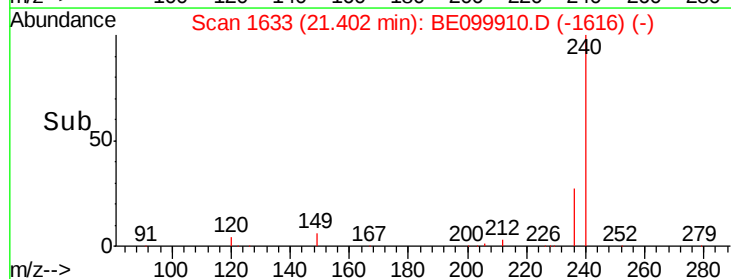
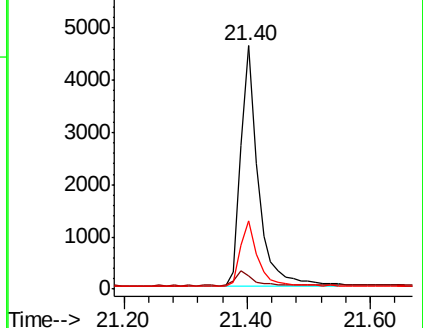
236 27.8 22.0 33.0

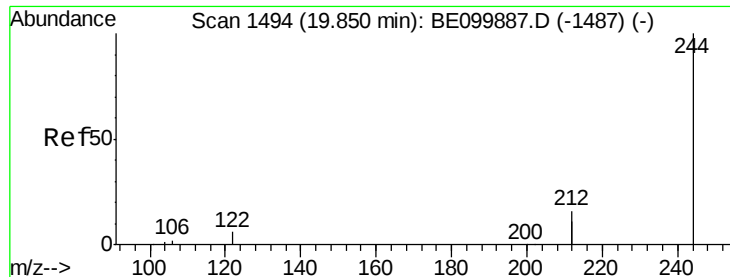


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.572 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

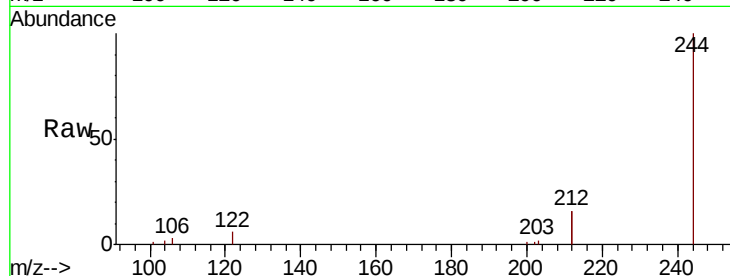
Tot Ion:244 Resp: 9348

Ion Ratio Lower Upper

244 100

212 32.0 25.7 38.5

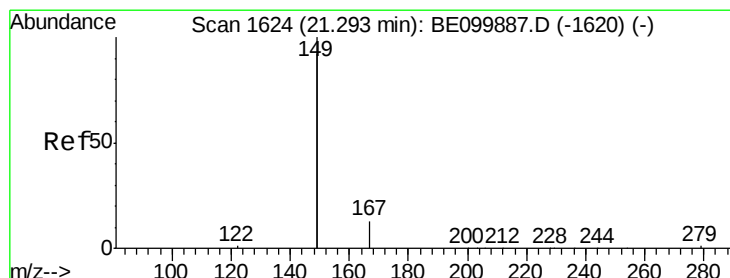
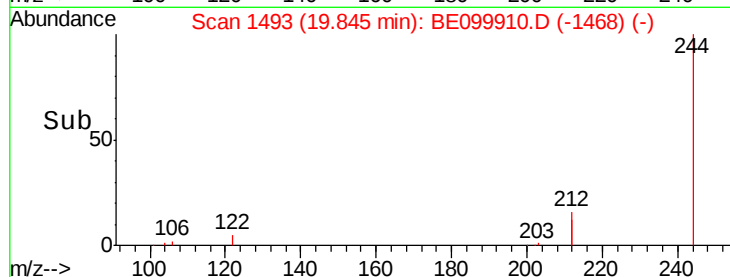
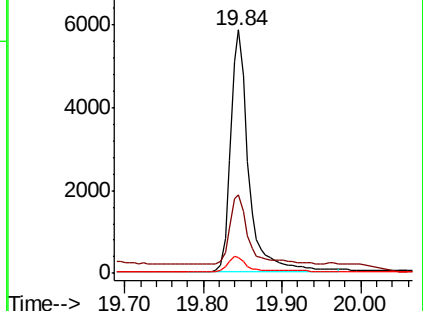
122 6.3 5.5 8.3



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: 0.031 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

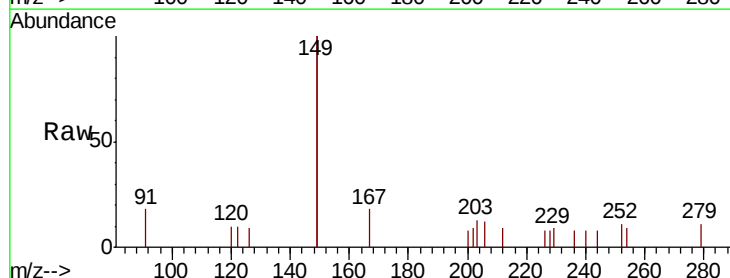
Tgt Ion:149 Resp: 1209

Ion Ratio Lower Upper

149 100

167 6.6 5.9 8.9

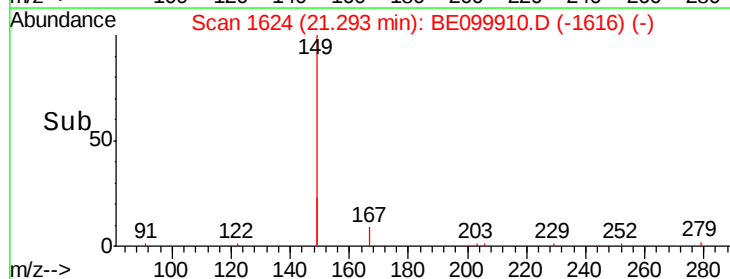
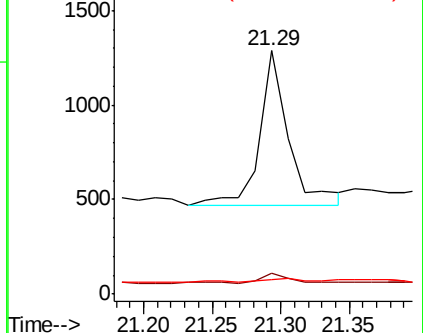
279 2.2 1.2 1.8#

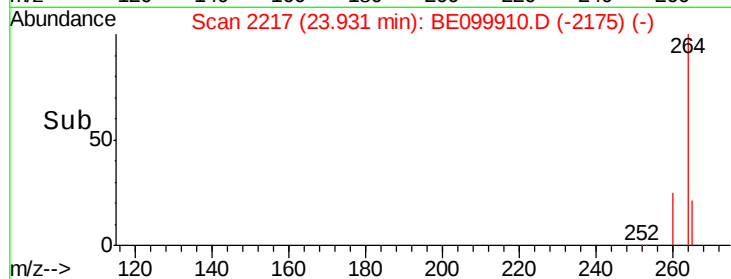
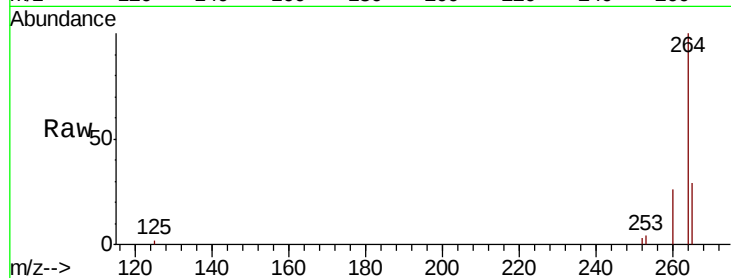
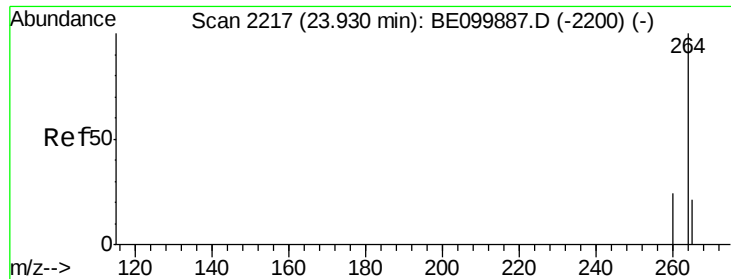


Abundance Ion 149.00 (148.70 to 149.70): E

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. 0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

Tot Ion:264 Resp: 10466

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 28.9 22.0 33.0

