

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099972.D
 Acq On : 13 Jun 2019 00:38
 Operator : JU/SJ
 Sample : K3255-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D3-20190605

Quant Time: Jun 13 04:12:02 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	1010	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3402	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2659	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	8171	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10613	0.40	ng	0.00
34) Perylene-d12	23.92	264	12230	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	356	0.13	ng	0.00
5) Phenol-d6	6.96	99	254	0.07	ng	0.00
8) Nitrobenzene-d5	8.98	82	1181	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2144	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	489	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4232	0.42	ng	-0.01
25) Fluoranthene-d10	19.24	212	41029	0.34	ng	-0.01
29) Terphenyl-d14	19.84	244	10736	0.56	ng	-0.01

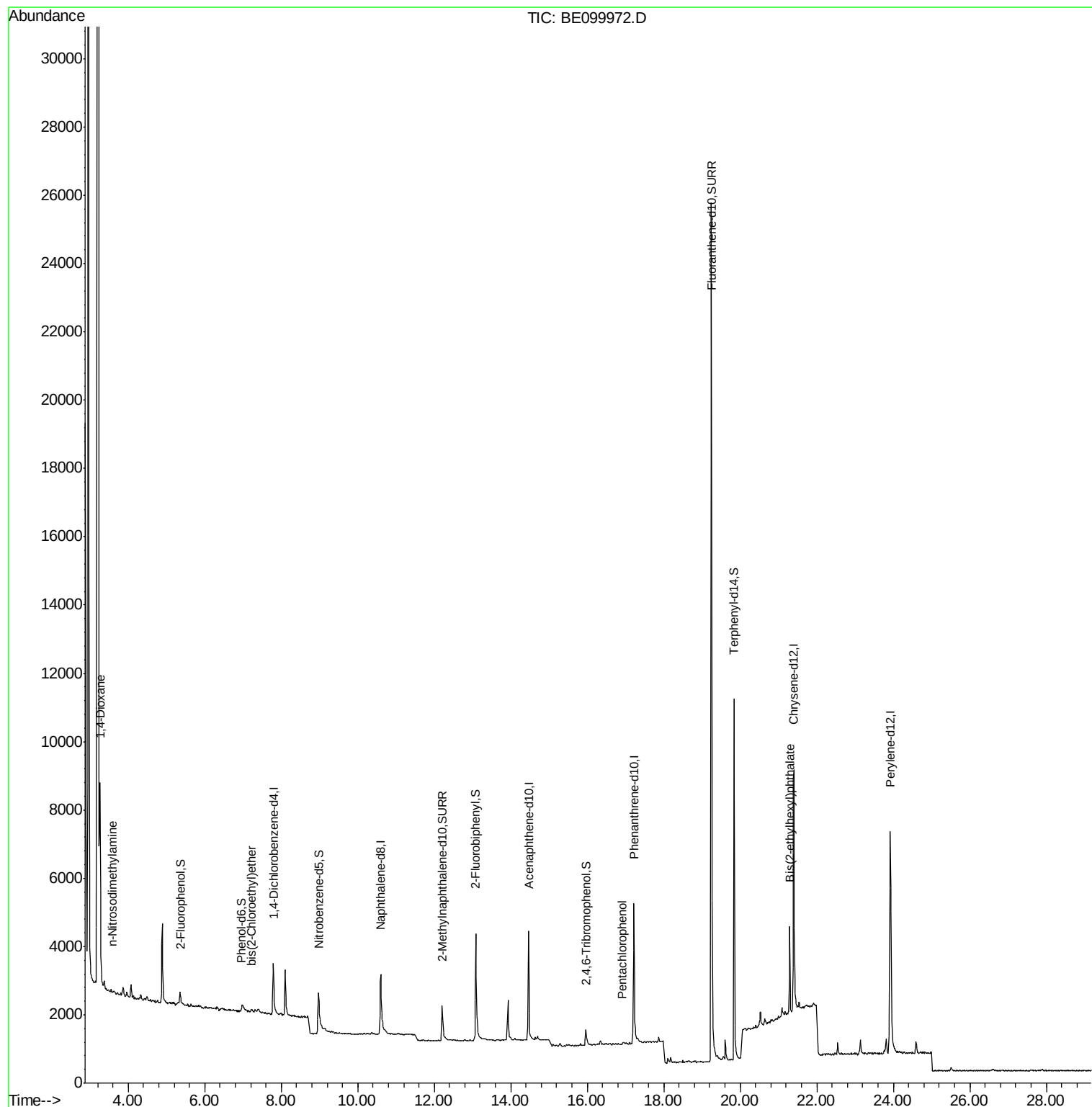
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	4582	3.065	ng	96
3) n-Nitrosodimethylamine	3.59	42	28	0.032	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	75	0.026	ng	# 65
22) Pentachlorophenol	16.91	266	6	0.302	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.29	149	3050	0.067	ng	100

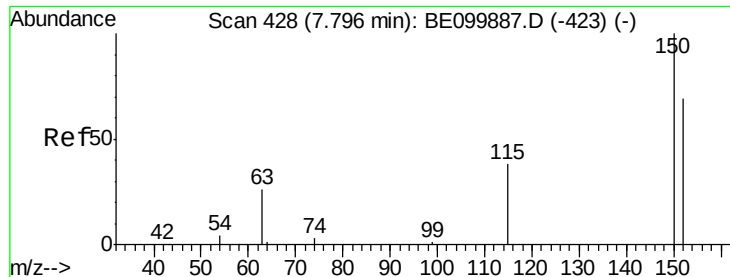
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099972.D

Acq: 13 Jun 2019 00:38

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RE109D3-20190605

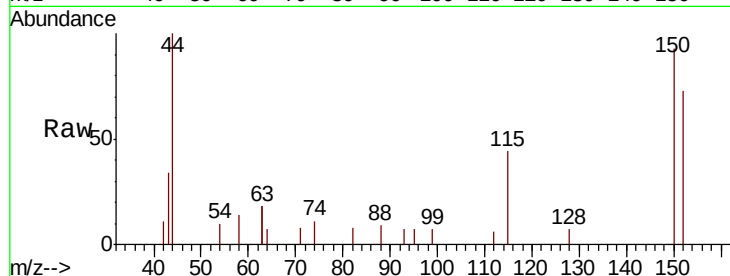
Tgt Ion:152 Resp: 1010

Ion Ratio Lower Upper

152 100

150 128.0 111.0 166.6

115 60.6 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

7.79

600

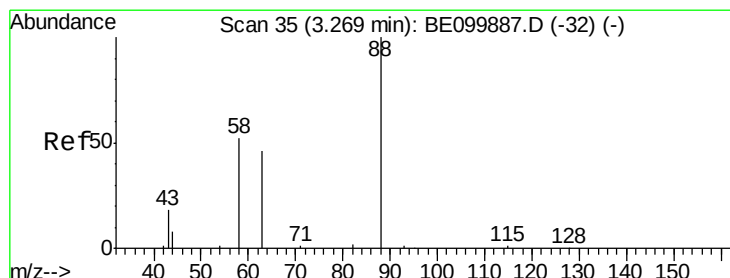
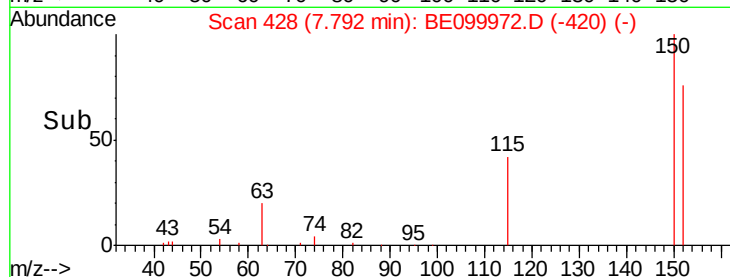
400

200

0

7.70 7.80 7.90

Time-->



#2

1,4-Dioxane

Concen: 3.065 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

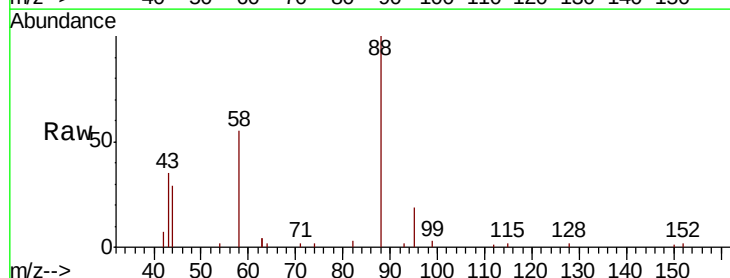
Tgt Ion: 88 Resp: 4582

Ion Ratio Lower Upper

88 100

58 56.7 48.8 73.2

43 24.3 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

3.27

4000

3000

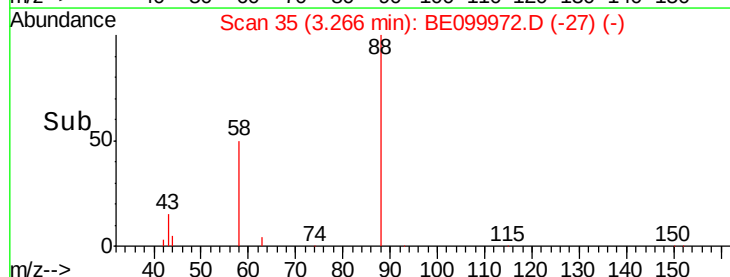
2000

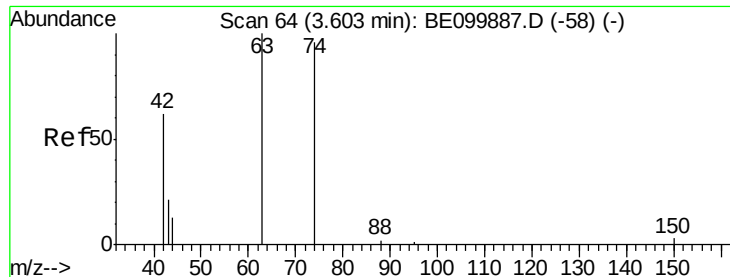
1000

0

3.20 3.25 3.30 3.35

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.01 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190605

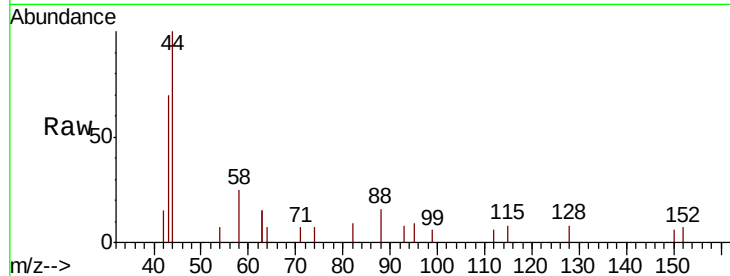
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

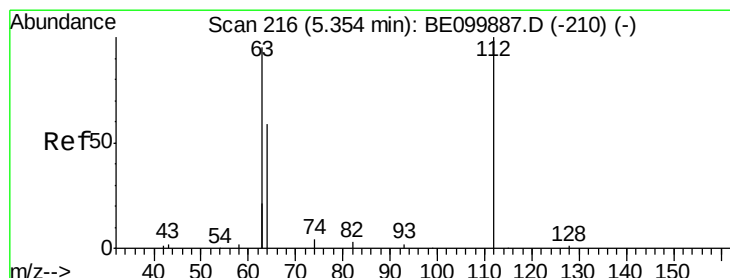
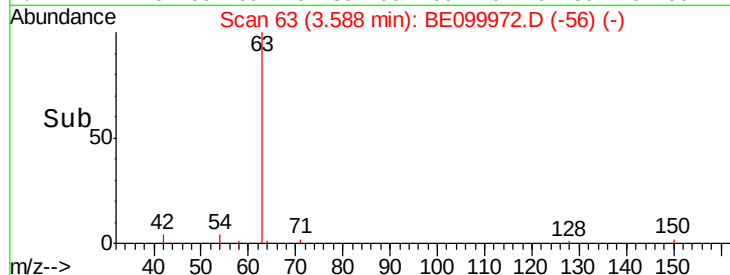
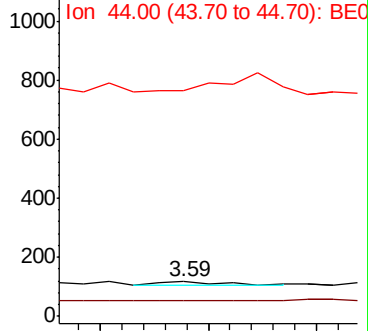
42 100

74 17.9 0.0 0.0#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.131 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

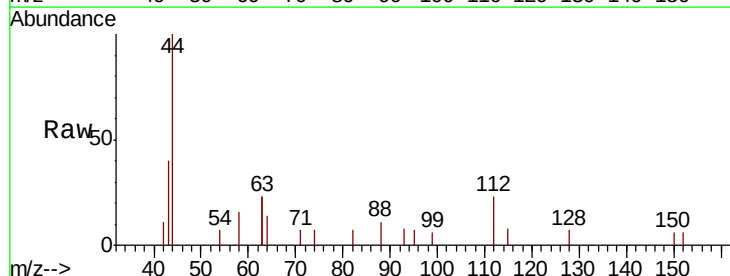
Tgt Ion: 112 Resp: 356

Ion Ratio Lower Upper

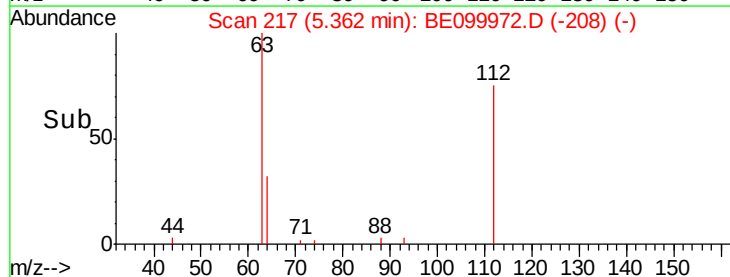
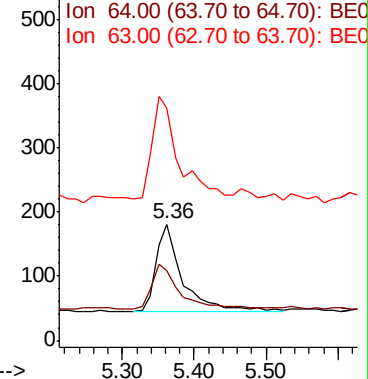
112 100

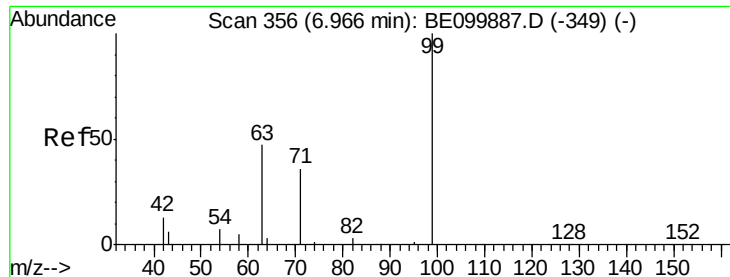
64 53.4 44.1 66.1

63 112.6 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.072 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190605

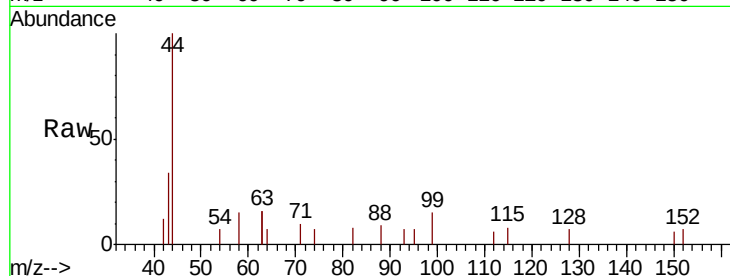
Tgt Ion: 99 Resp: 254

Ion Ratio Lower Upper

99 100

42 12.6 15.9 23.9#

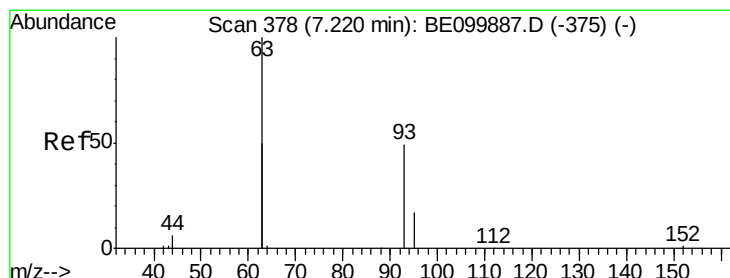
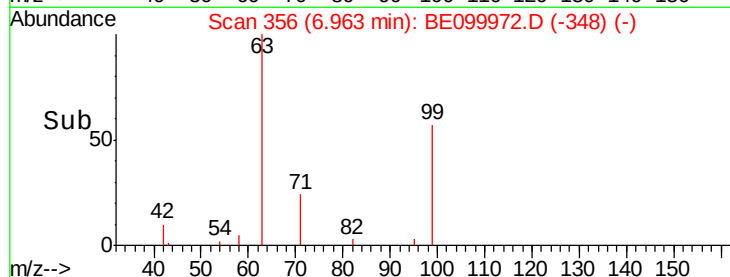
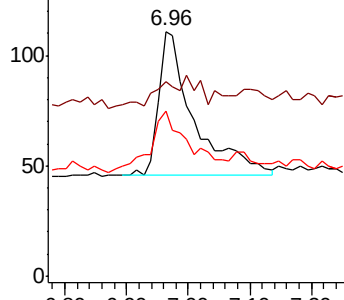
71 39.8 34.6 52.0



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



#6

bis(2-Chloroethyl)ether

Concen: 0.026 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

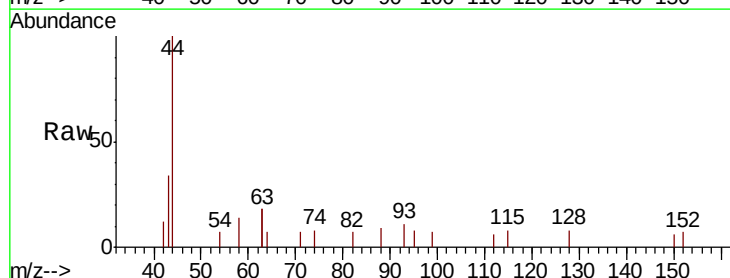
Tgt Ion: 93 Resp: 75

Ion Ratio Lower Upper

93 100

63 186.7 202.8 304.2#

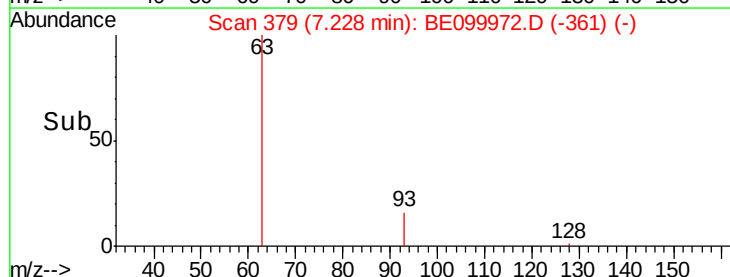
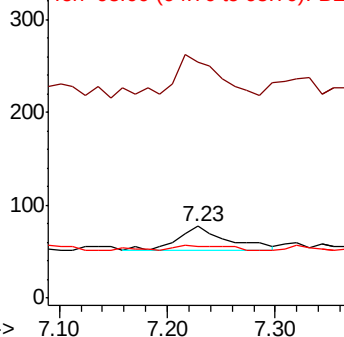
95 25.3 23.7 35.5

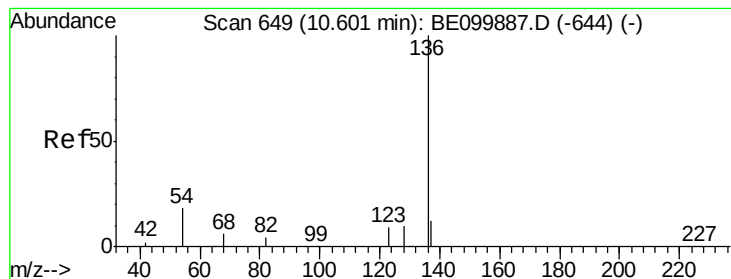


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion: 136 Resp: 3402

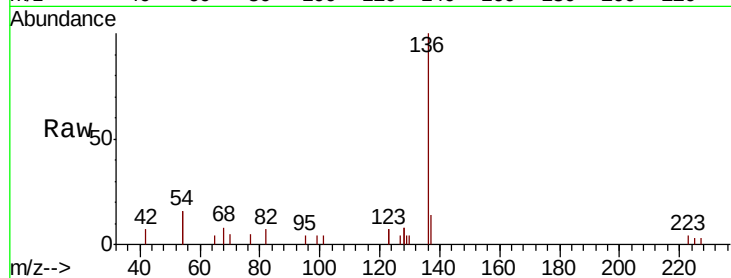
Ion Ratio Lower Upper

136 100

137 14.2 12.3 18.5

54 33.0 28.2 42.4

68 8.1 7.8 11.8

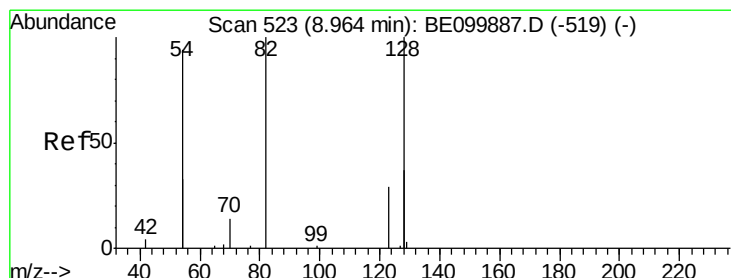
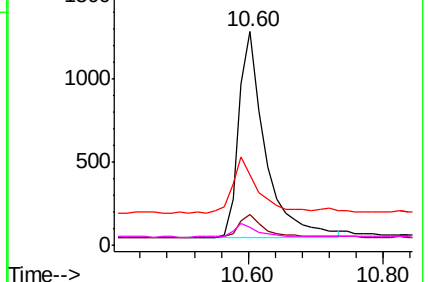
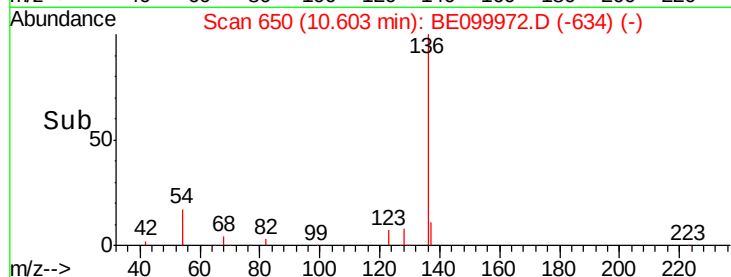


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 8.98 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

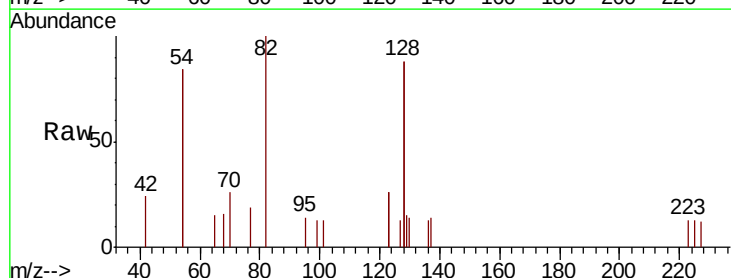
Tgt Ion: 82 Resp: 1181

Ion Ratio Lower Upper

82 100

128 175.9 137.3 205.9

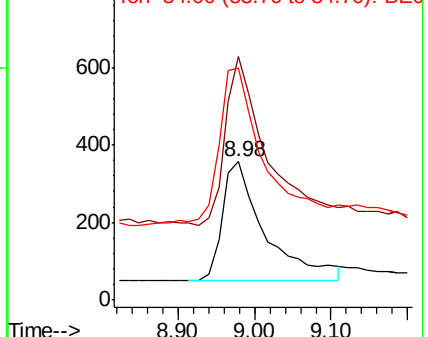
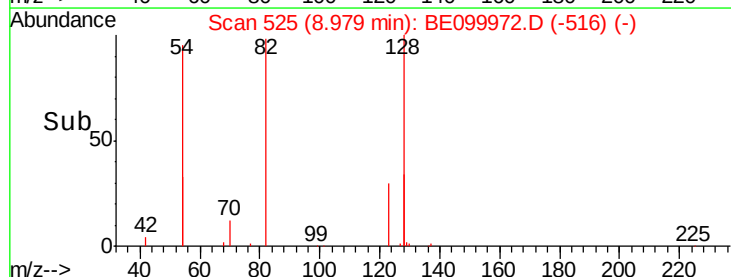
54 167.5 129.7 194.5

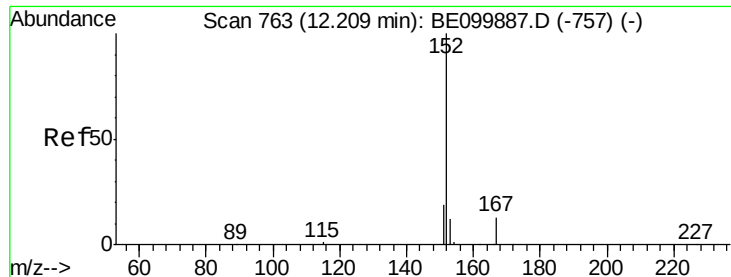


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

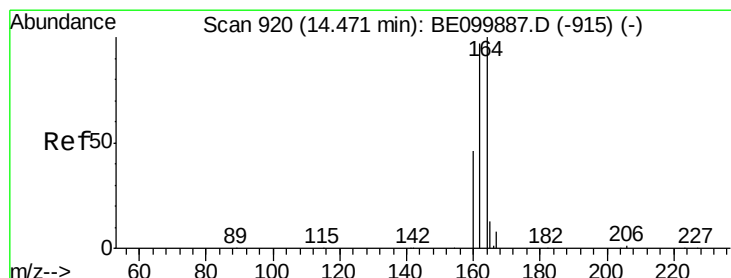
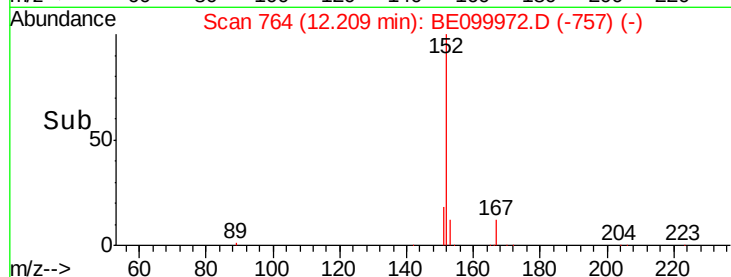
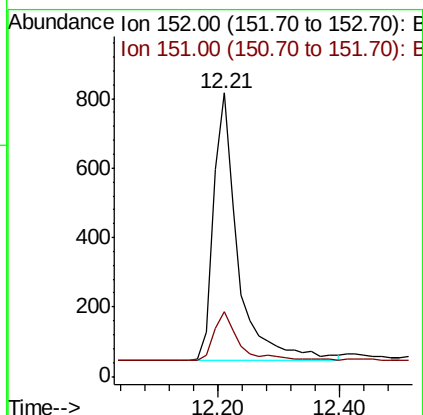
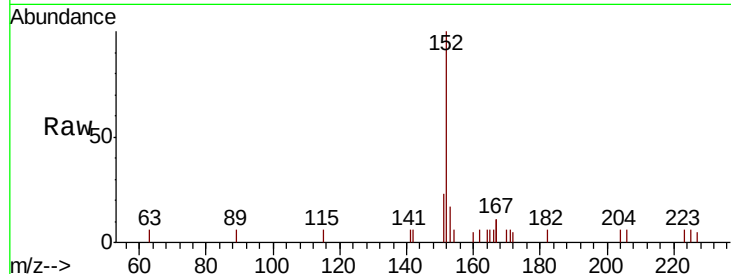




#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.21 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099972.D
Acq: 13 Jun 2019 00:38

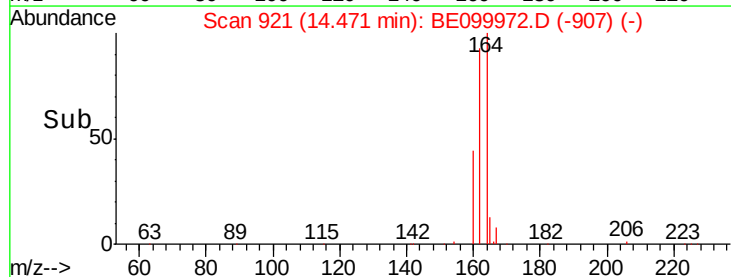
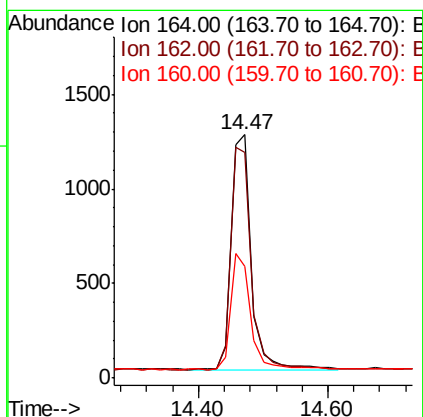
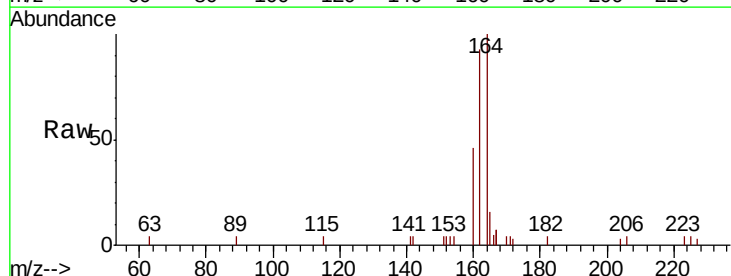
Instrument :
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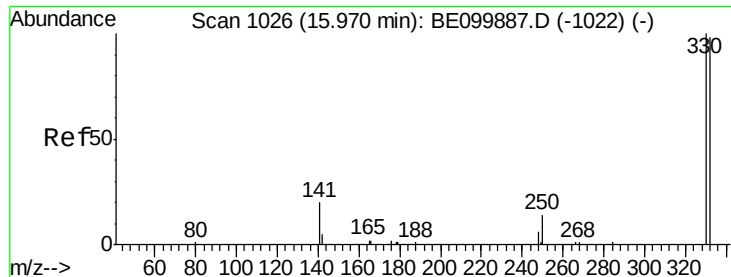
Tgt Ion:152 Resp: 2144
Ion Ratio Lower Upper
152 100
151 19.4 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099972.D
Acq: 13 Jun 2019 00:38

Tgt Ion:164 Resp: 2659
Ion Ratio Lower Upper
164 100
162 92.7 77.8 116.8
160 45.8 38.2 57.4





#14

2,4,6-Tribromophenol

Concen: 0.249 ng

RT: 15.97 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190605

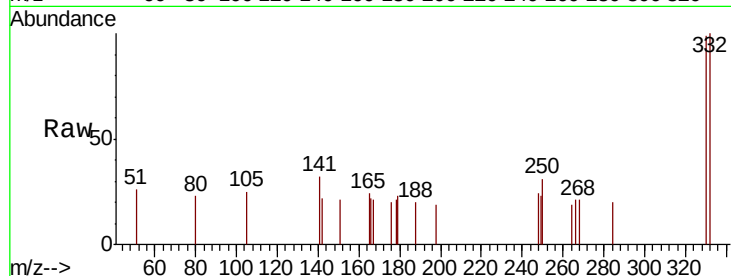
Tgt Ion:330 Resp: 489

Ion Ratio Lower Upper

330 100

332 99.8 76.7 115.1

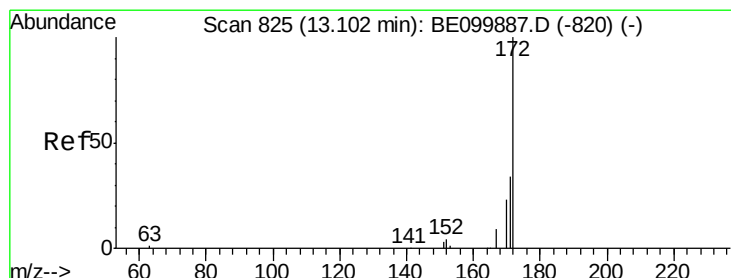
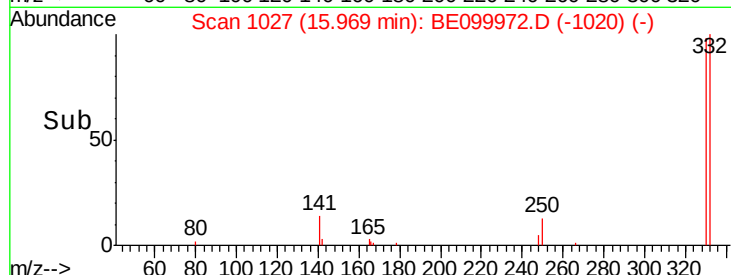
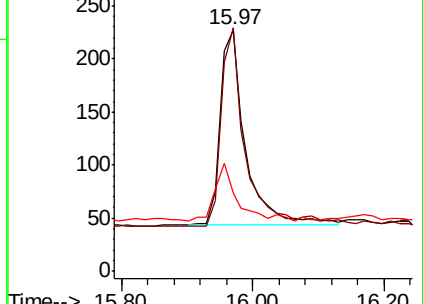
141 26.8 21.0 31.6



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: 13.09 min Scan# 825

Delta R.T. -0.01 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

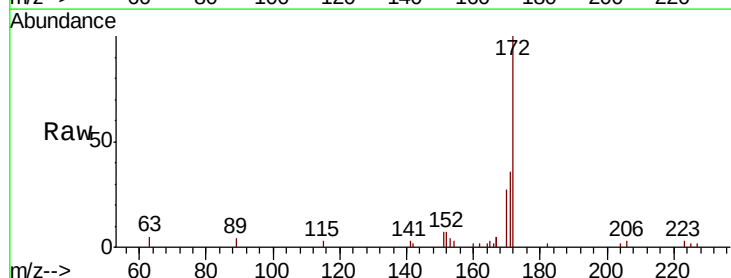
Tgt Ion:172 Resp: 4232

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

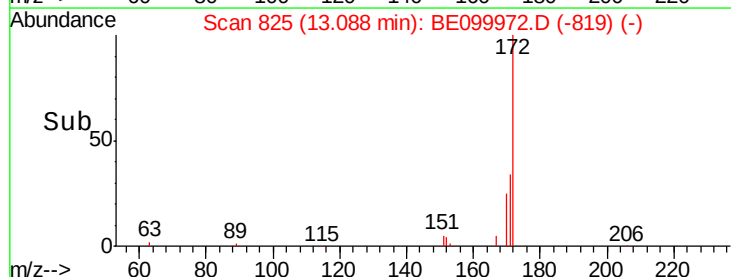
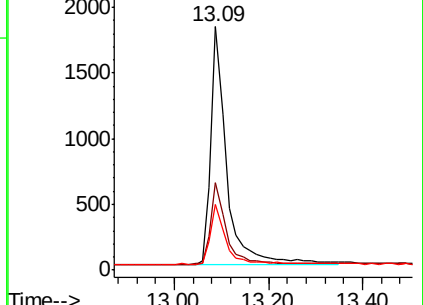
170 27.0 21.2 31.8

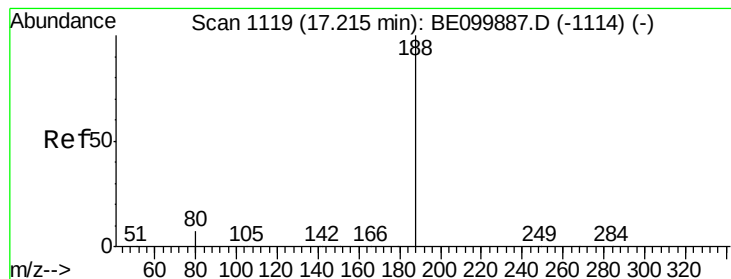


Abundance Ion 172.00 (171.70 to 172.70): E

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# 1120

Delta R.T. -0.00 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

Instrument :

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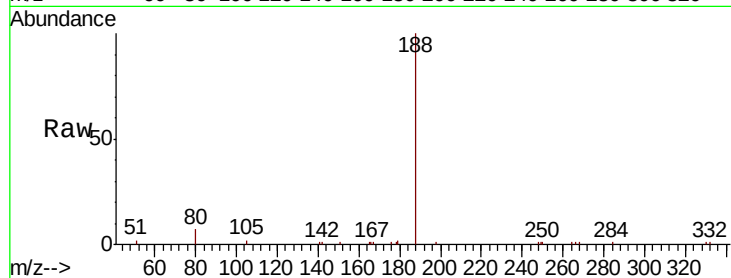
Tgt Ion:188 Resp: 8171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

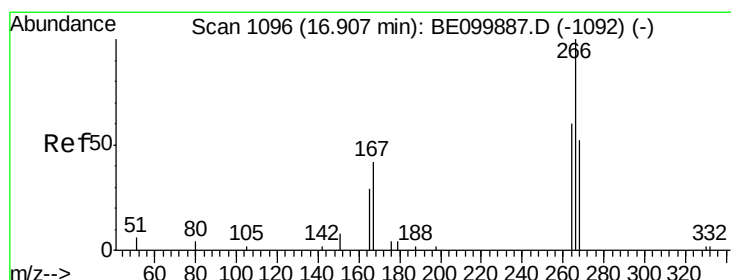
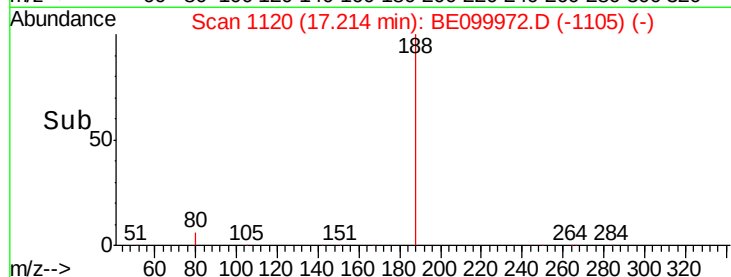
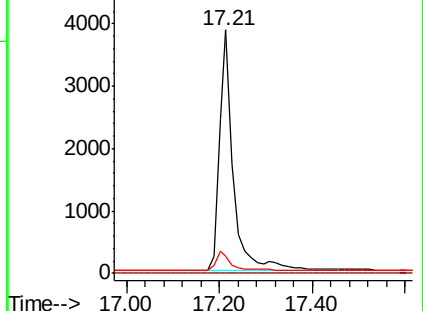
80 7.1 6.4 9.6



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: 0.302 ng

RT: 16.91 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

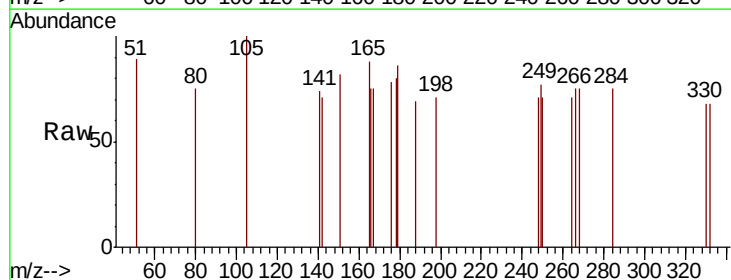
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.9 62.2 93.2#

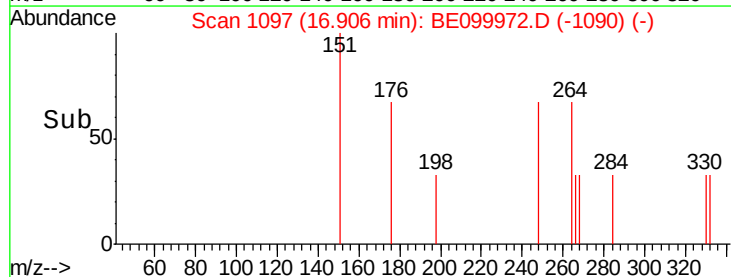
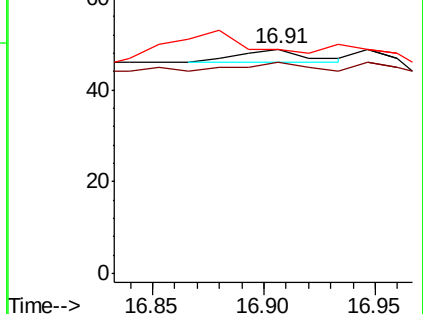
268 100.0 65.5 98.3#

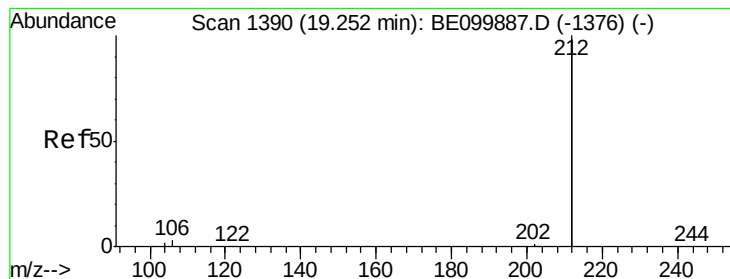


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.345 ng

RT: 19.24 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190605

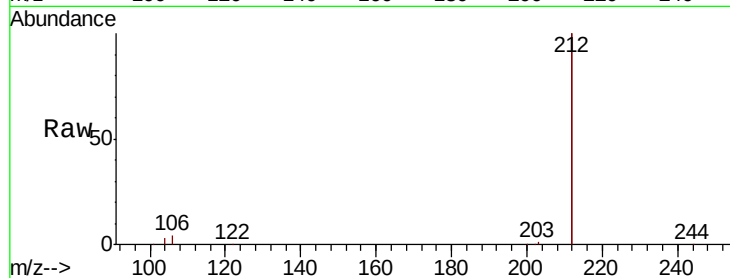
Tgt Ion:212 Resp: 41029

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

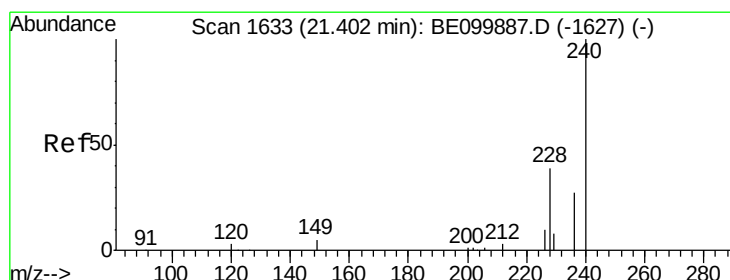
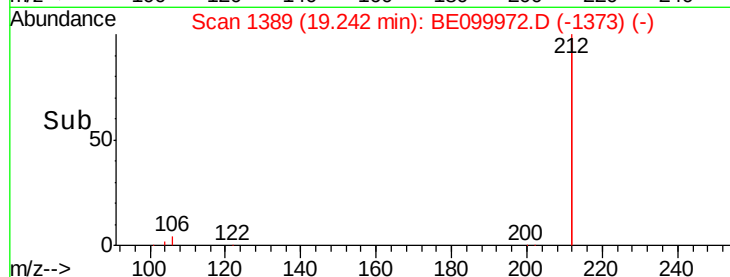
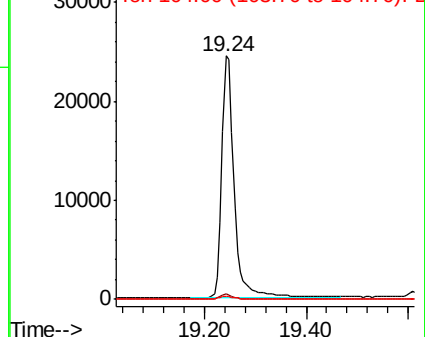
104 1.2 0.9 1.3



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# 1634

Delta R.T. 0.00 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

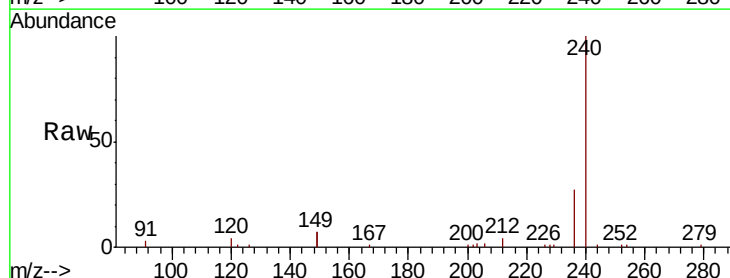
Tgt Ion:240 Resp: 10613

Ion Ratio Lower Upper

240 100

120 4.4 3.8 5.6

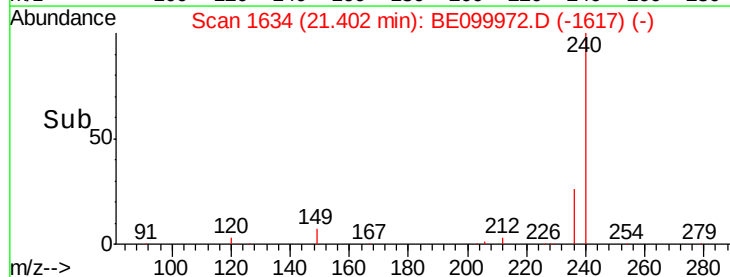
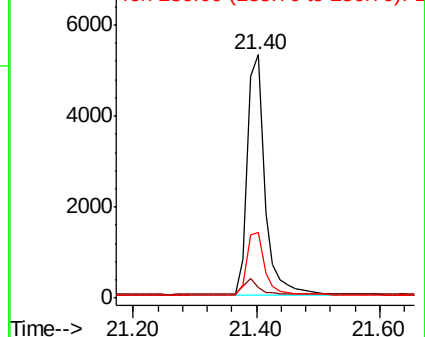
236 27.2 22.0 33.0

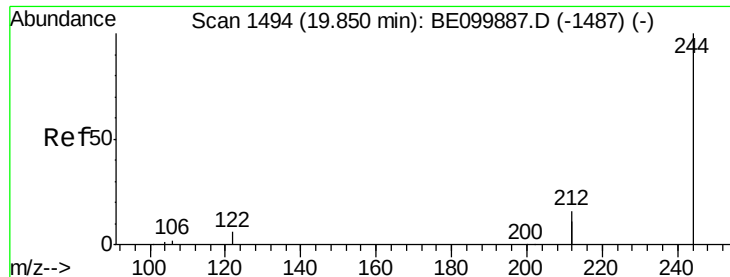


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.562 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190605

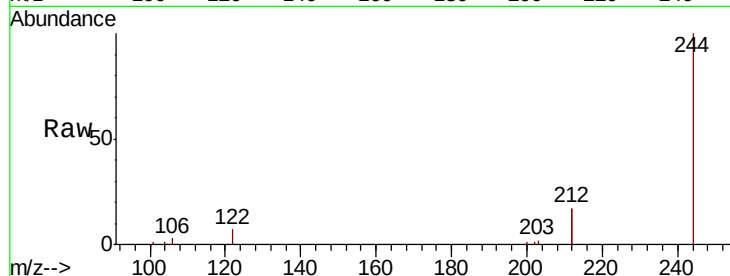
Tgt Ion:244 Resp: 10736

Ion Ratio Lower Upper

244 100

212 33.8 25.7 38.5

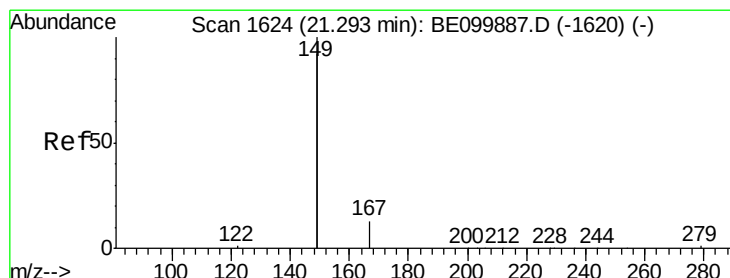
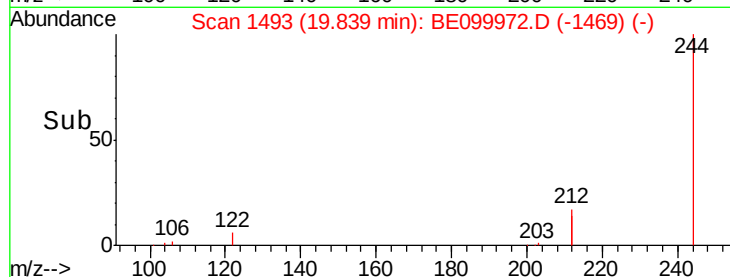
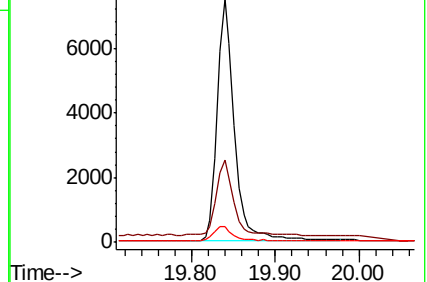
122 6.6 5.5 8.3



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: 0.067 ng

RT: 21.29 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE099972.D

Acq: 13 Jun 2019 00:38

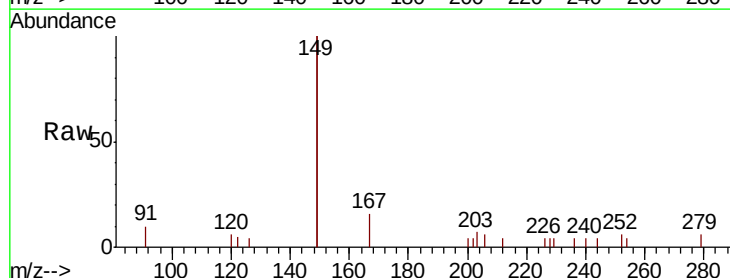
Tgt Ion:149 Resp: 3050

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

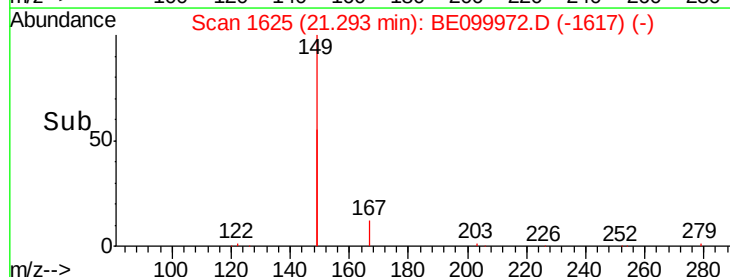
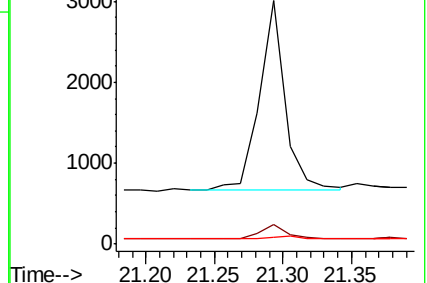
279 1.5 1.2 1.8

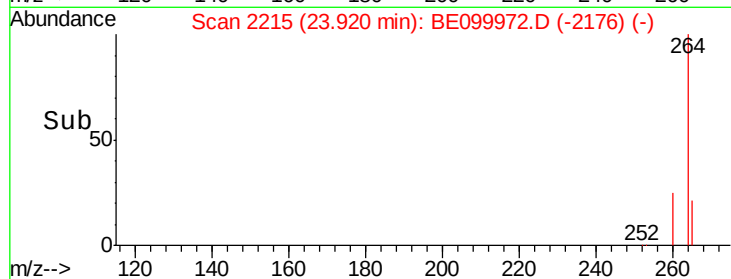
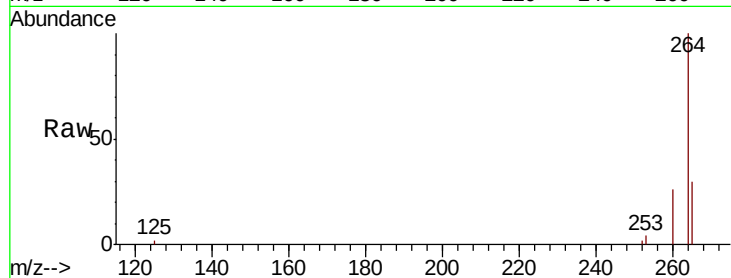
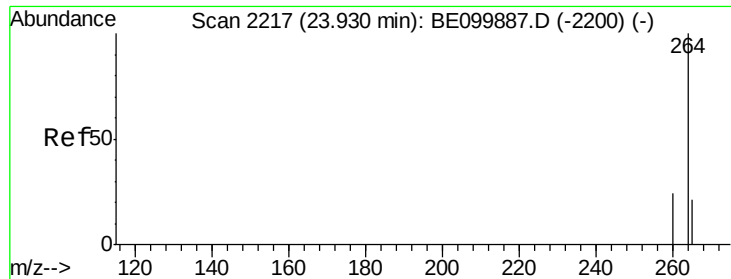


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE099972.D

Acq: 13 Jun 2019 00:38

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190605

Tgt Ion:264 Resp: 12230

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 29.6 22.0 33.0

