

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100051.D
 Acq On : 15 Jun 2019 9:46
 Operator : JU/SJ
 Sample : K3315-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20190610

Quant Time: Jun 17 01:11:07 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

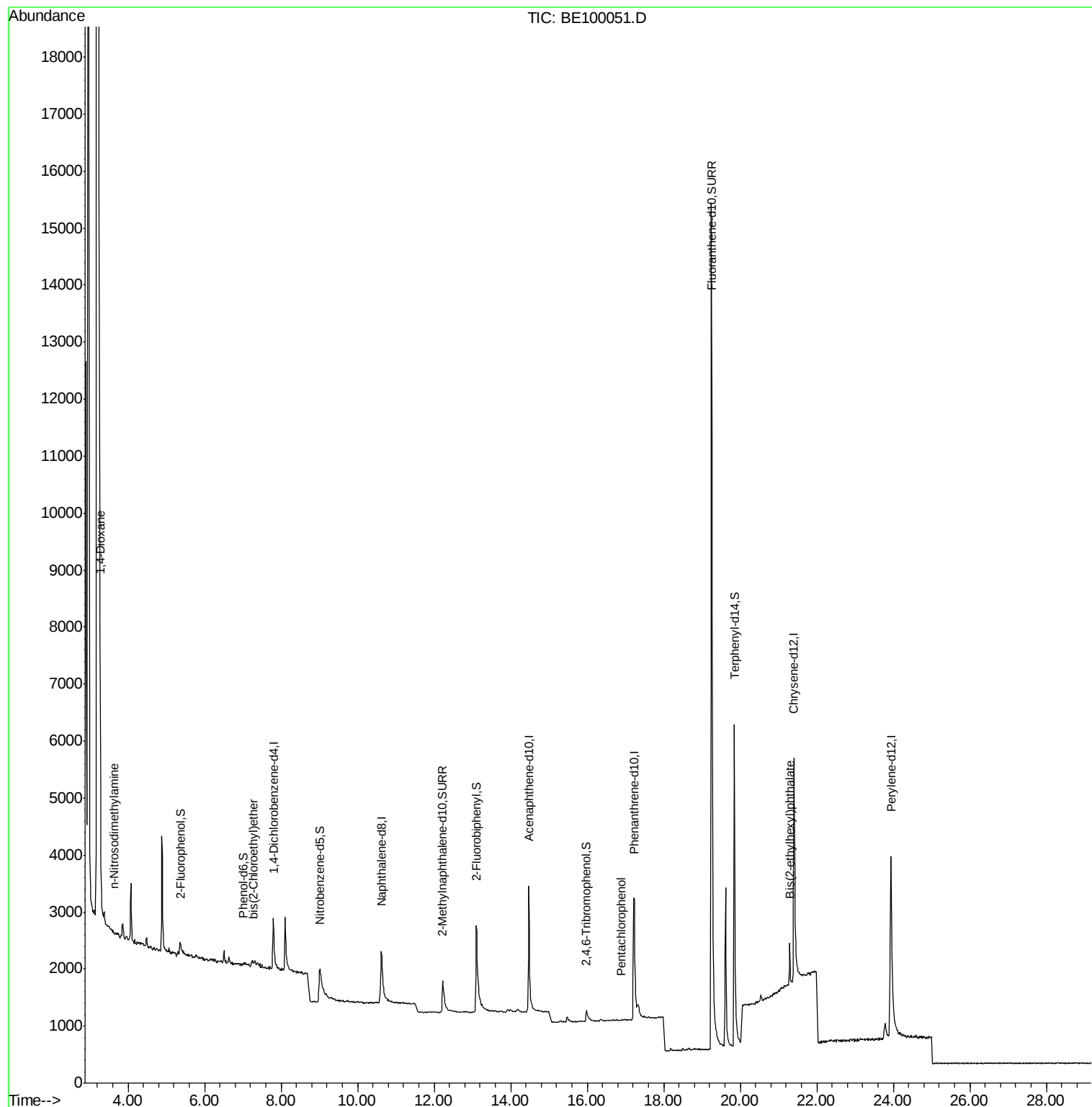
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	745	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2566	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2143	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5726	0.40	ng	0.01
27) Chrysene-d12	21.40	240	7398	0.40	ng	0.00
34) Perylene-d12	23.94	264	7650	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	312	0.16	ng	0.01
5) Phenol-d6	7.01	99	212	0.08	ng	0.05
8) Nitrobenzene-d5	9.02	82	857	0.35	ng	0.05
11) 2-Methylnaphthalene-d10	12.22	152	1690	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	329	0.21	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	3612	0.44	ng	0.00
25) Fluoranthene-d10	19.25	212	31739	0.38	ng	0.00
29) Terphenyl-d14	19.85	244	7819	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	3425	3.106	ng	Qvalue 92
3) n-Nitrosodimethylamine	3.63	42	13	0.020	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	139	0.066	ng	75
22) Pentachlorophenol	16.88	266	6	0.303	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.29	149	1150	0.036	ng	# 99

(#) = 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
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE100051.D

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Instrument :

BNA_E

ClientSampleId :

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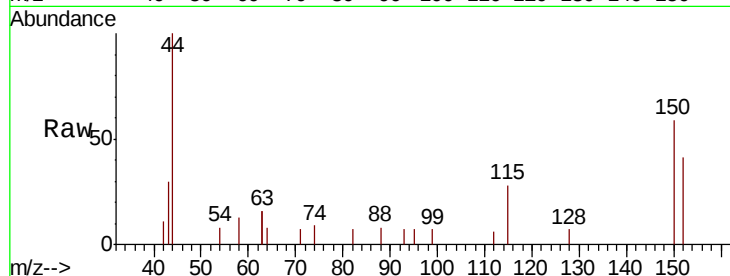
Tgt Ion: 152 Resp: 745

Ion Ratio Lower Upper

152 100

150 143.5 111.0 166.6

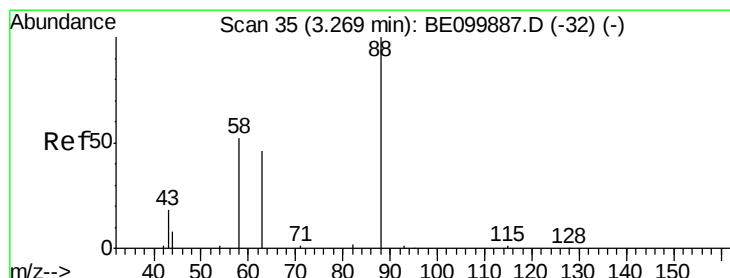
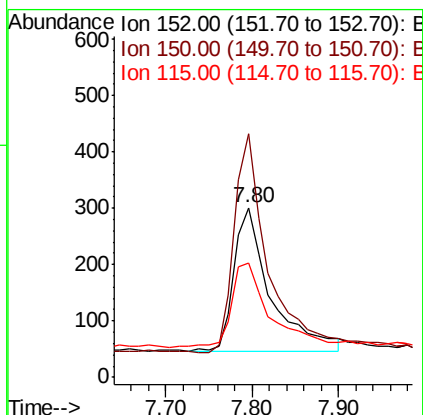
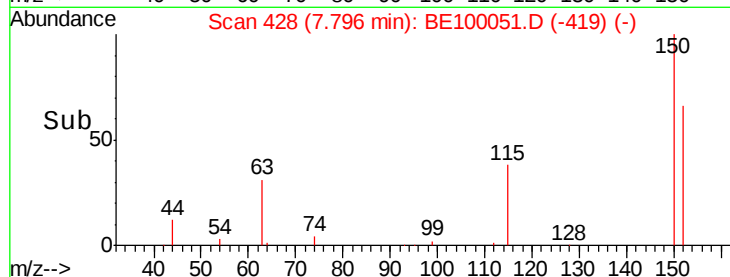
115 67.4 50.7 76.1



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: 3.106 ng

RT: 3.27 min Scan# 35

Delta R.T. 0.00 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

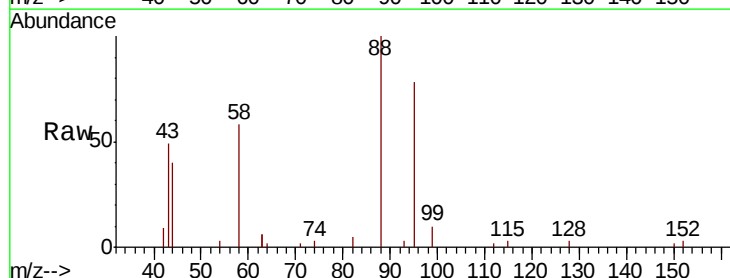
Tgt Ion: 88 Resp: 3425

Ion Ratio Lower Upper

88 100

58 55.2 48.8 73.2

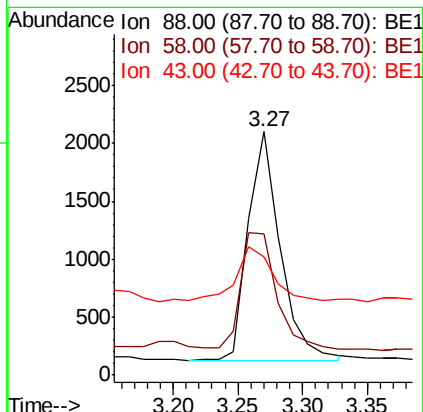
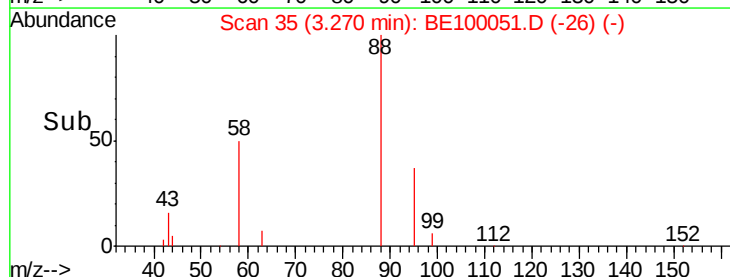
43 27.7 19.0 28.6

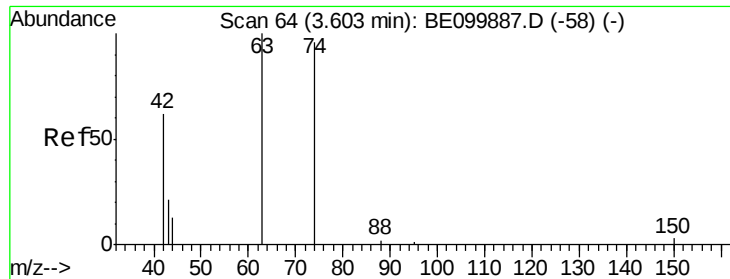


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.020 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

Instrument :

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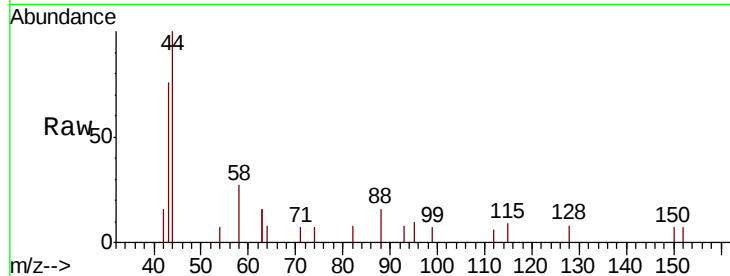
Tgt Ion: 42 Resp: 13

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

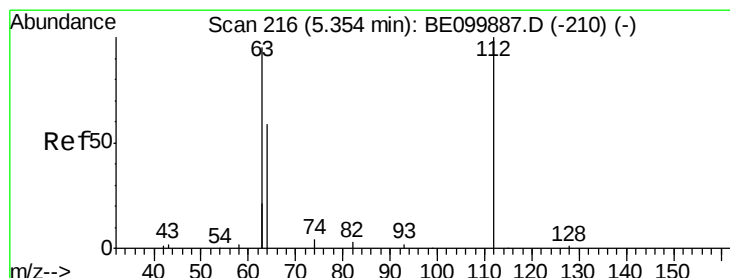
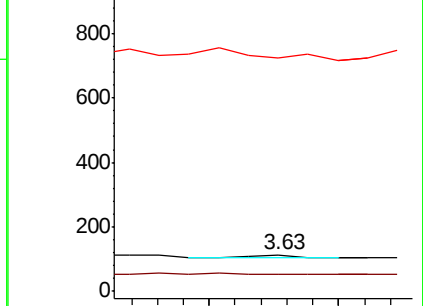
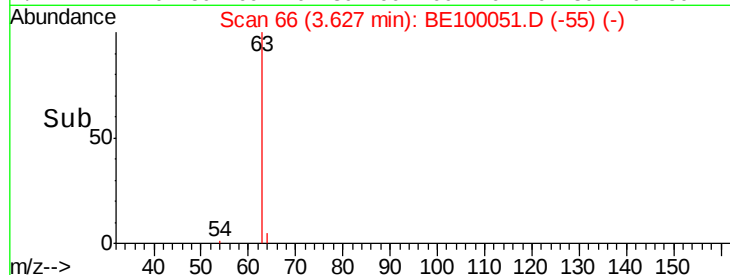
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.155 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

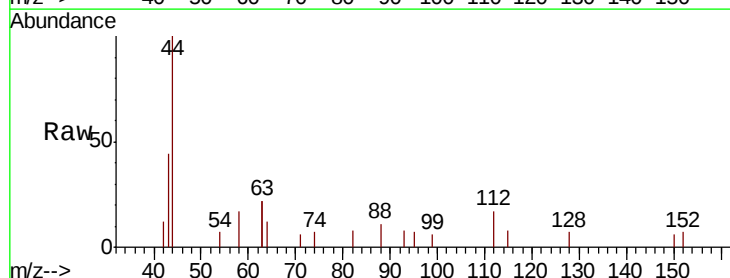
Tgt Ion: 112 Resp: 312

Ion Ratio Lower Upper

112 100

64 59.0 44.1 66.1

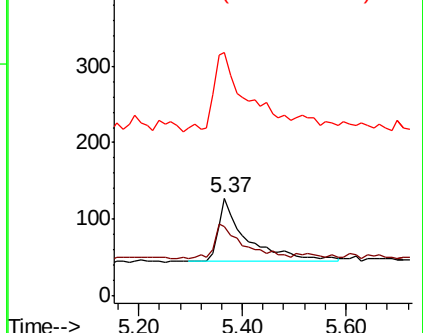
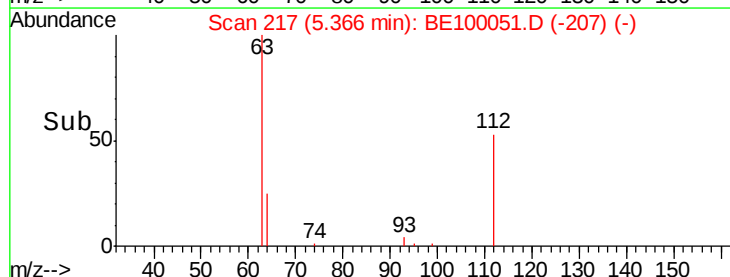
63 151.0 87.8 131.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.082 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.05 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190610

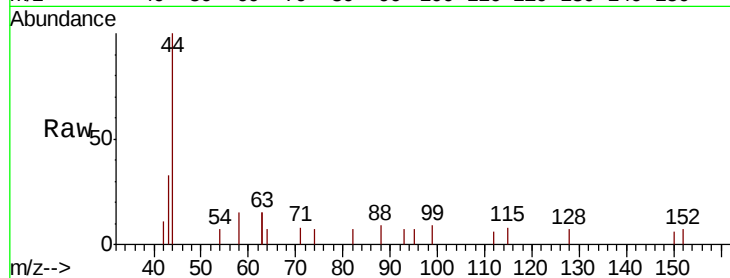
Tgt Ion: 99 Resp: 212

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

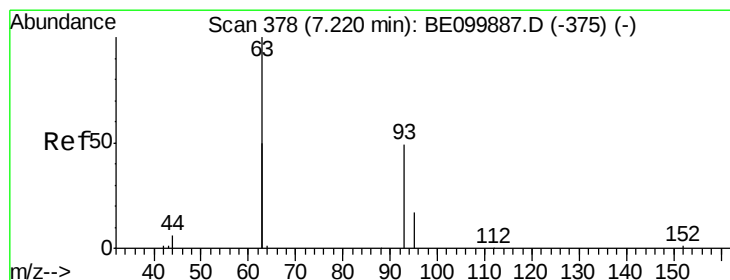
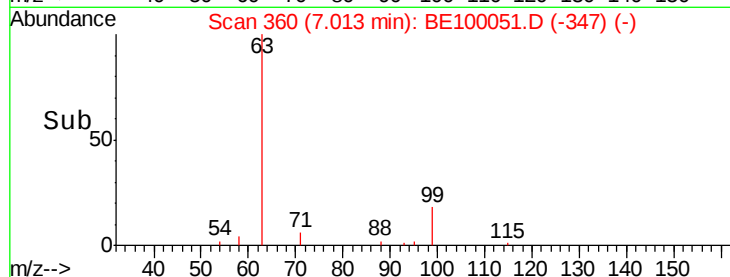
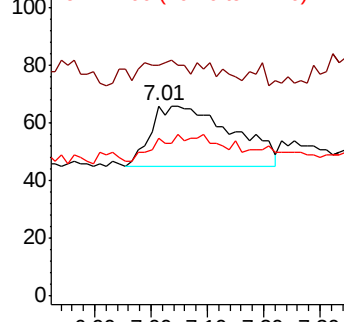
71 0.0 34.6 52.0#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.066 ng

RT: 7.27 min Scan# 382

Delta R.T. 0.05 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

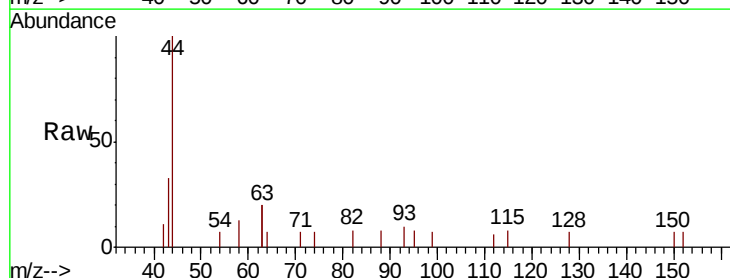
Tgt Ion: 93 Resp: 139

Ion Ratio Lower Upper

93 100

63 301.4 202.8 304.2

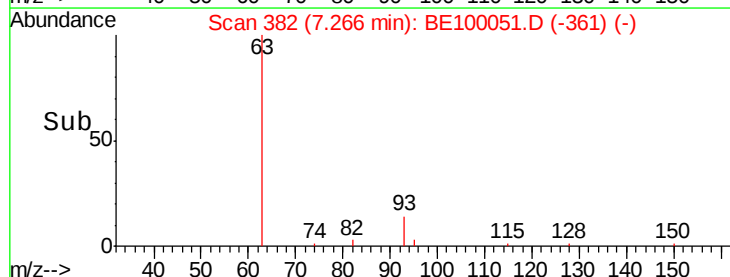
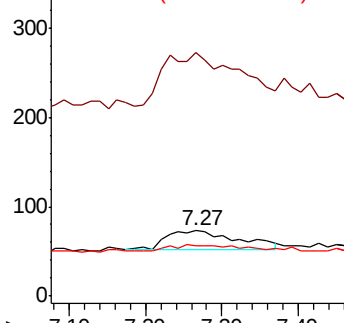
95 33.1 23.7 35.5



Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190610

Tgt Ion: 136 Resp: 2566

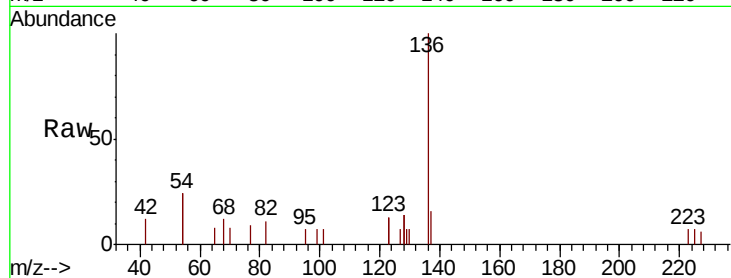
Ion Ratio Lower Upper

136 100

137 16.2 12.3 18.5

54 49.0 28.2 42.4#

68 12.4 7.8 11.8#

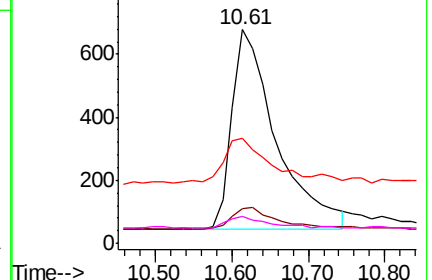
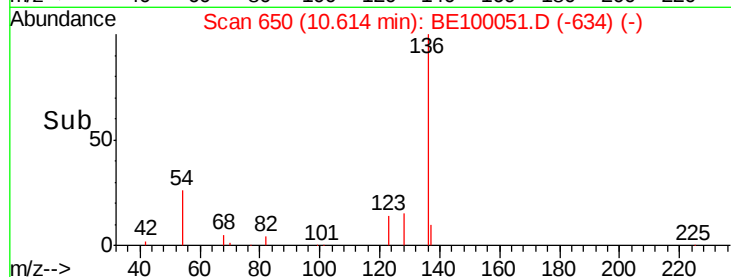


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.353 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

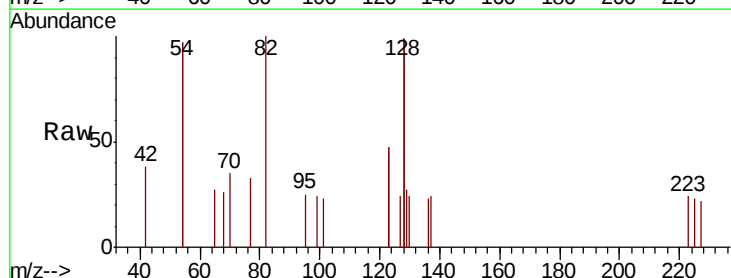
Tgt Ion: 82 Resp: 857

Ion Ratio Lower Upper

82 100

128 197.0 137.3 205.9

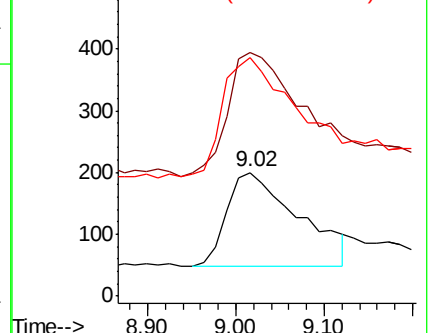
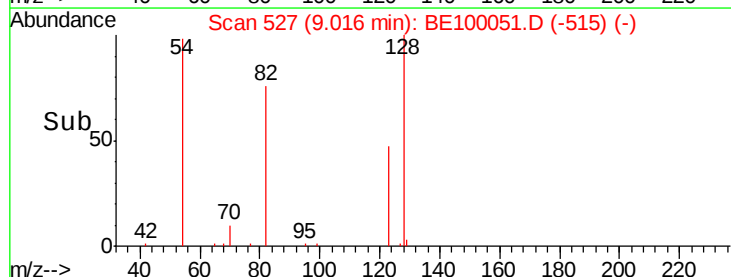
54 193.0 129.7 194.5

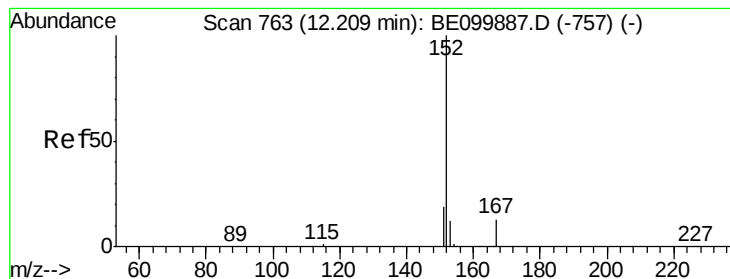


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

Instrument :

BNA_E

ClientSampleId :

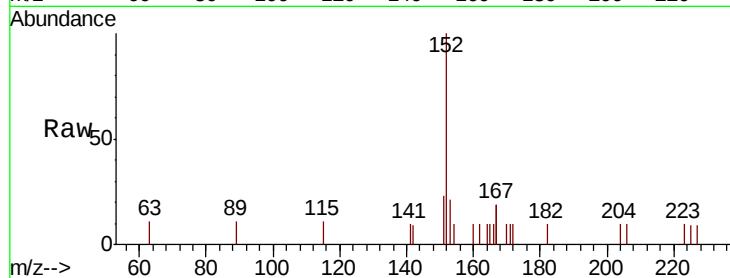
RE105D2-20190610

Tgt Ion:152 Resp: 1690

Ion Ratio Lower Upper

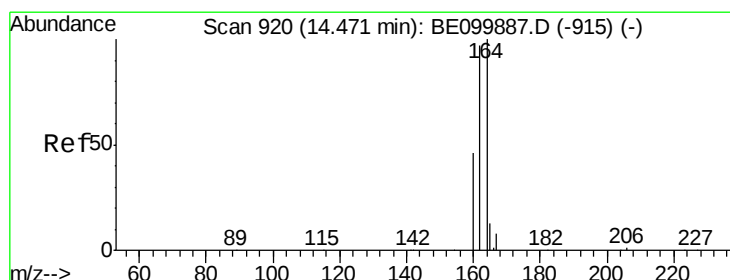
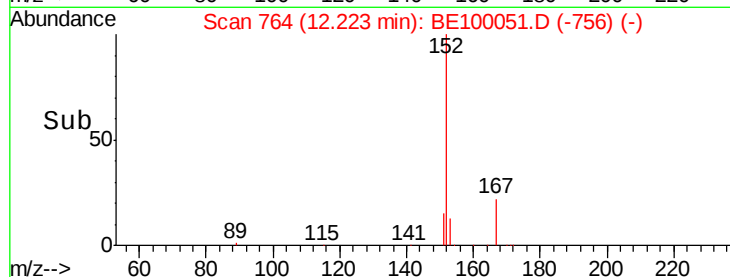
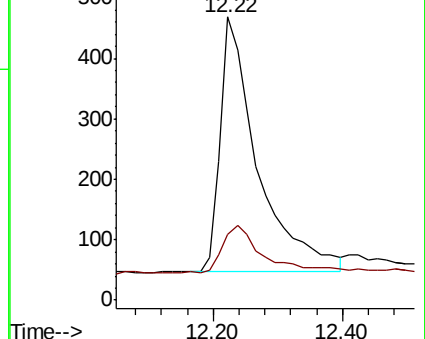
152 100

151 21.3 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: BE100051.D

Acq: 15 Jun 2019 9:46

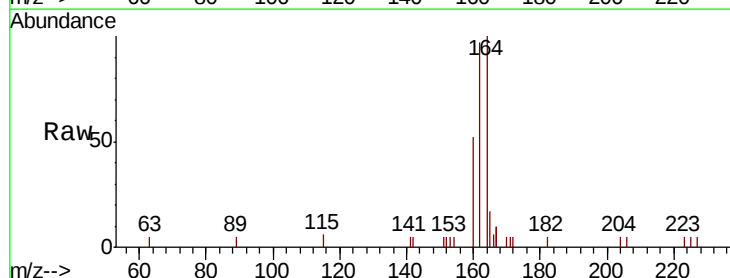
Tgt Ion:164 Resp: 2143

Ion Ratio Lower Upper

164 100

162 97.0 77.8 116.8

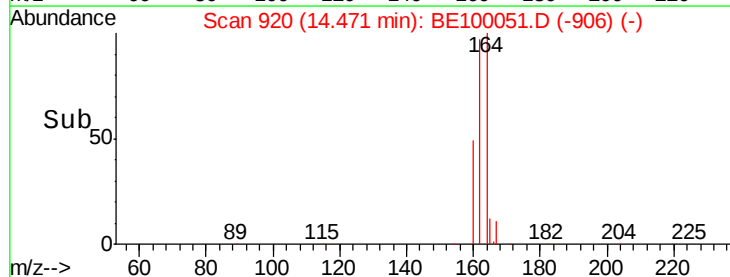
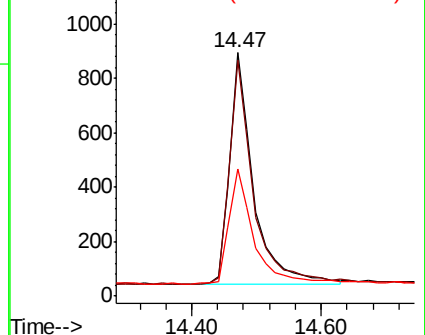
160 52.0 38.2 57.4

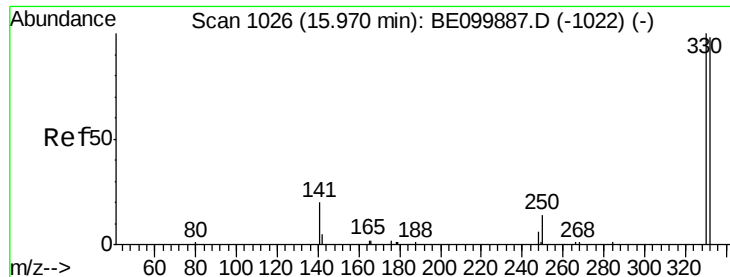


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

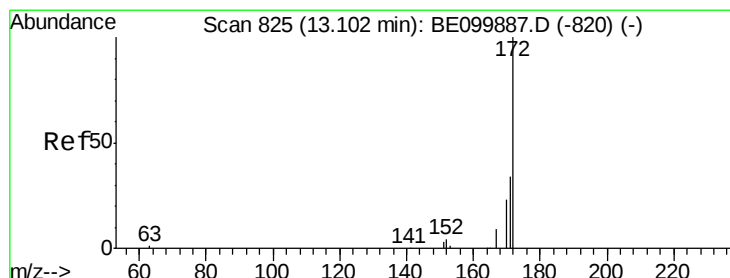
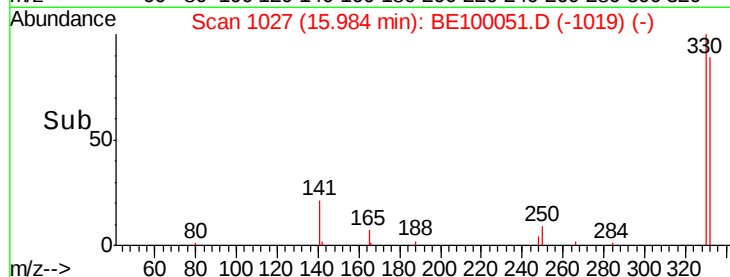
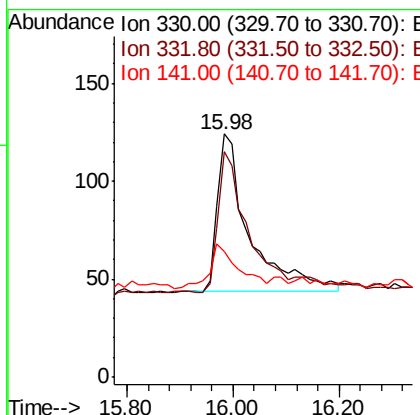
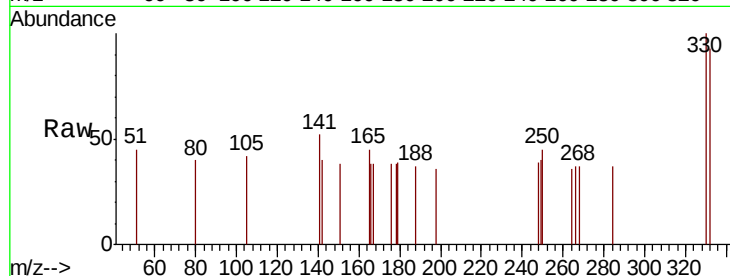




#14
 2,4,6-Tribromophenol
 Concen: 0.208 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE100051.D
 Acq: 15 Jun 2019 9:46

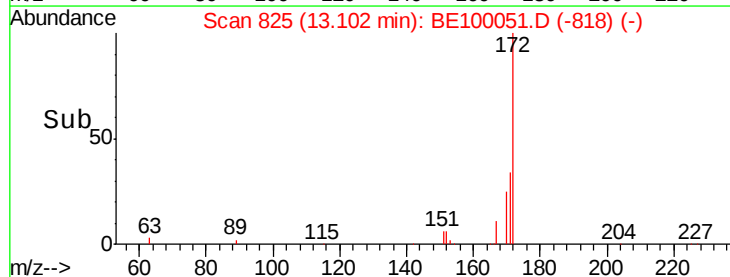
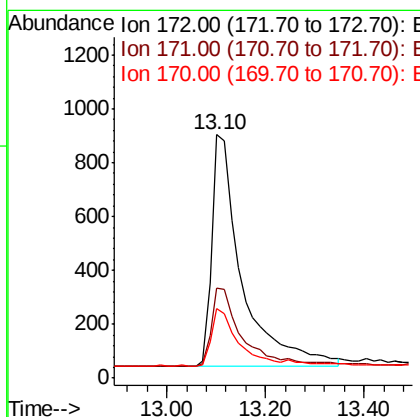
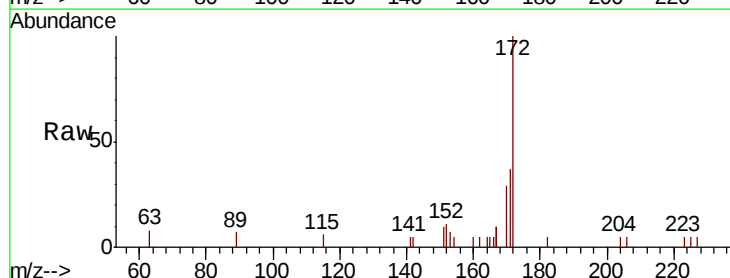
Instrument :
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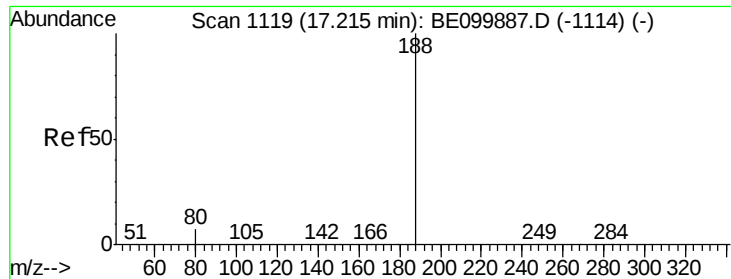
Tgt Ion: 330 Resp: 329
 Ion Ratio Lower Upper
 330 100
 332 85.7 76.7 115.1
 141 23.1 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.445 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE100051.D
 Acq: 15 Jun 2019 9:46

Tgt Ion: 172 Resp: 3612
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.2 43.8
 170 28.7 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190610

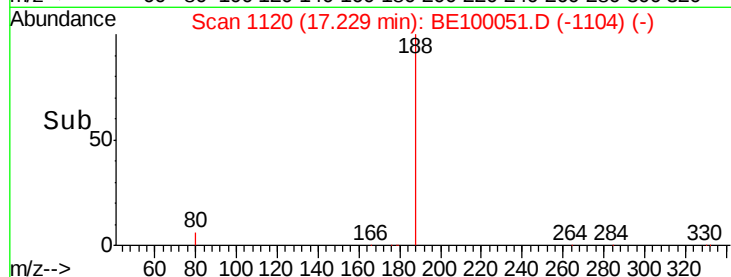
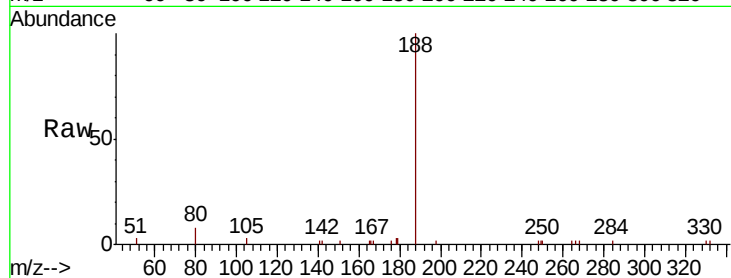
Tgt Ion:188 Resp: 5726

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

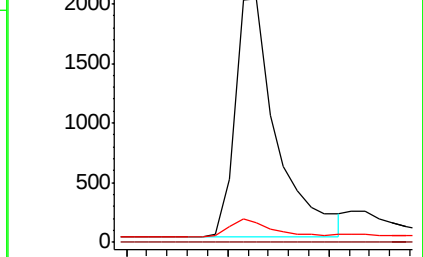
80 7.9 6.4 9.6



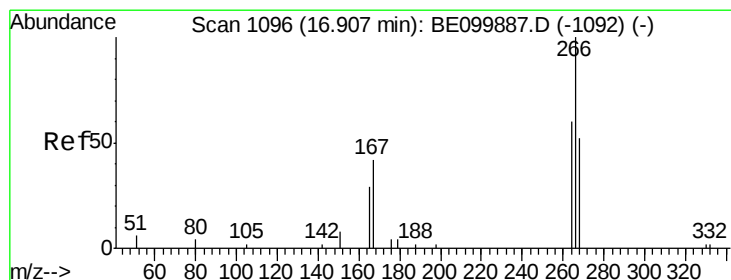
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



Time-->



#22

Pentachlorophenol

Concen: 0.303 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

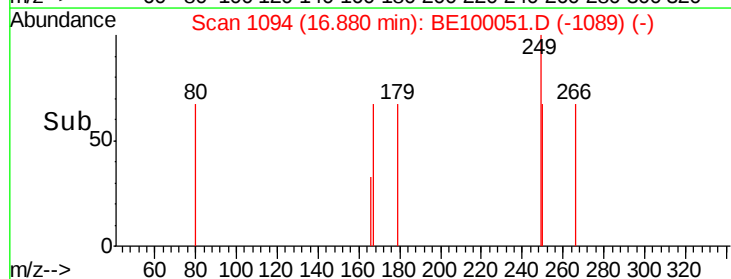
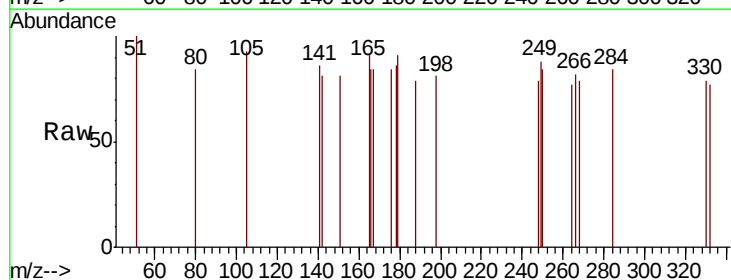
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.6 62.2 93.2#

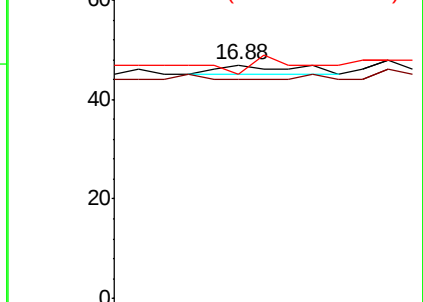
268 95.7 65.5 98.3



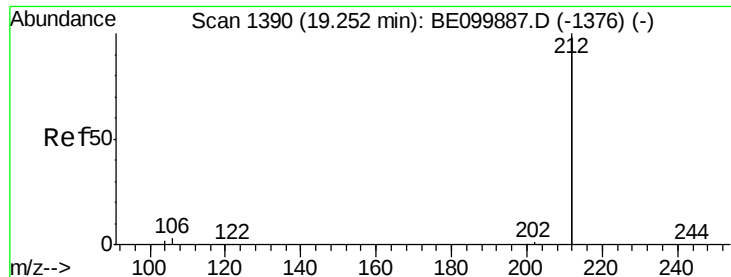
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190610

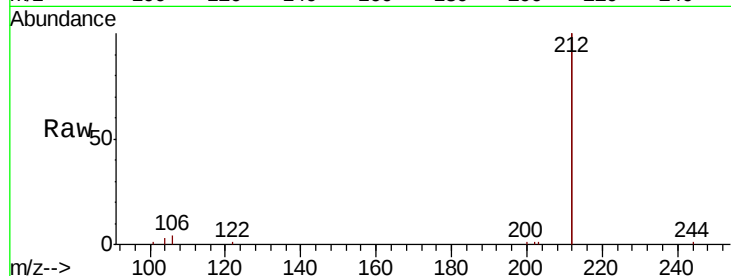
Tgt Ion:212 Resp: 31739

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

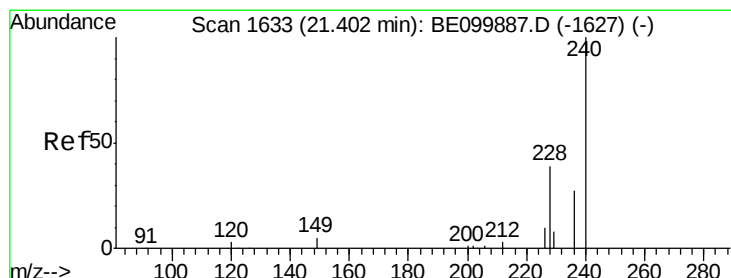
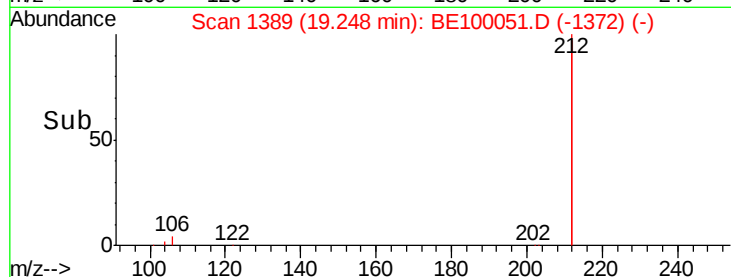
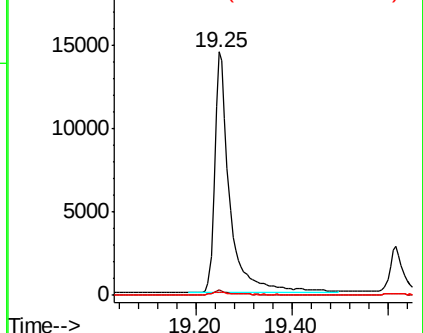
104 1.1 0.9 1.3



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: BE100051.D

Acq: 15 Jun 2019 9:46

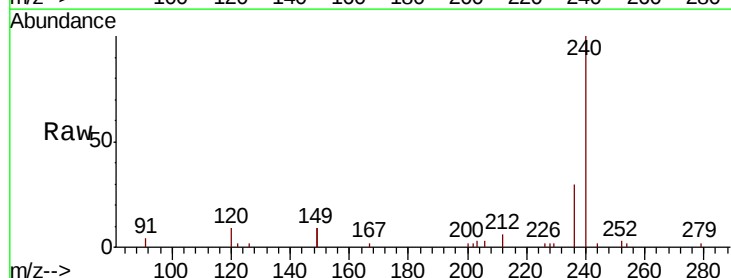
Tgt Ion:240 Resp: 7398

Ion Ratio Lower Upper

240 100

120 8.5 3.8 5.6#

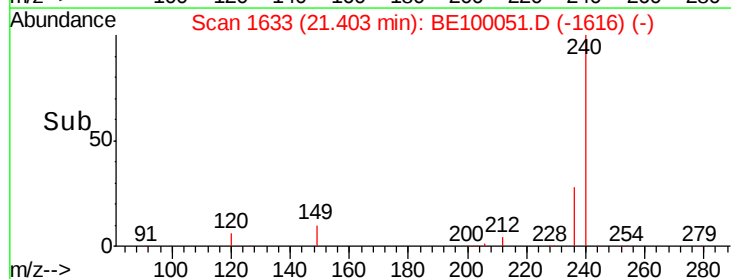
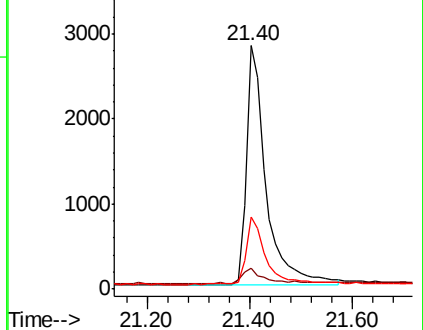
236 29.8 22.0 33.0

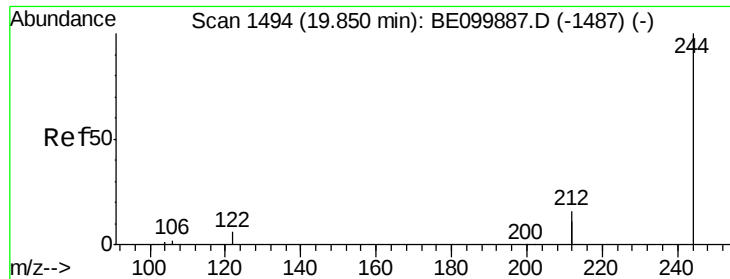


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.587 ng

RT: 19.85 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190610

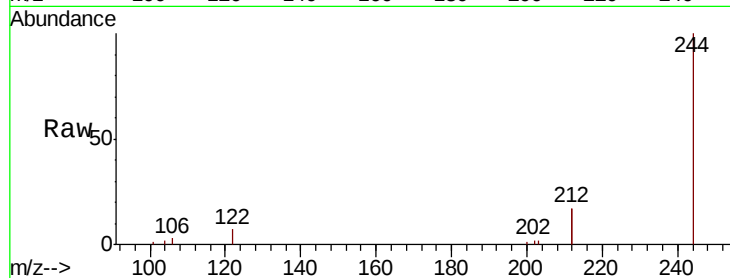
Tgt Ion:244 Resp: 7819

Ion Ratio Lower Upper

244 100

212 33.1 25.7 38.5

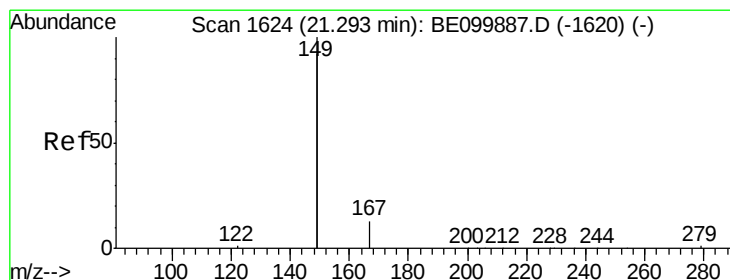
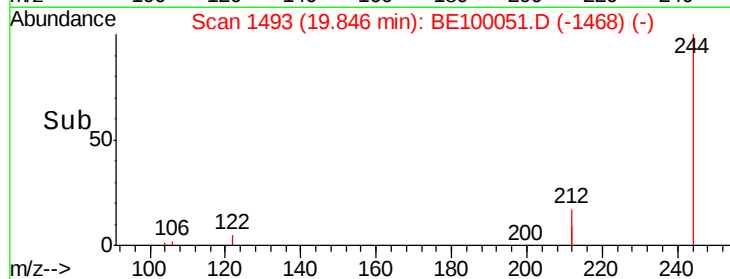
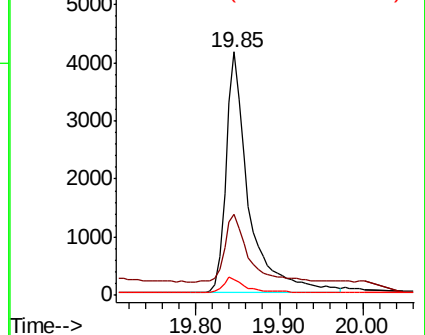
122 6.5 5.5 8.3



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: 0.036 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

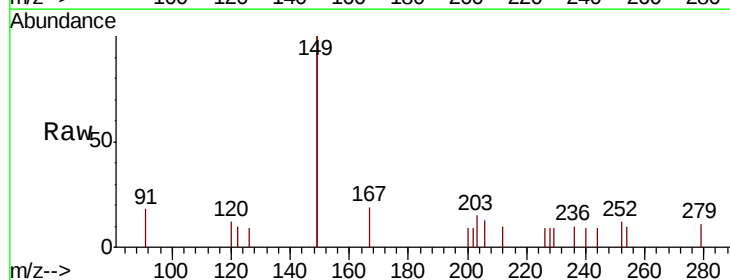
Tgt Ion:149 Resp: 1150

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

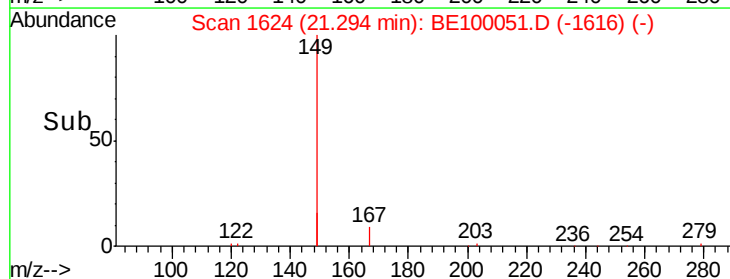
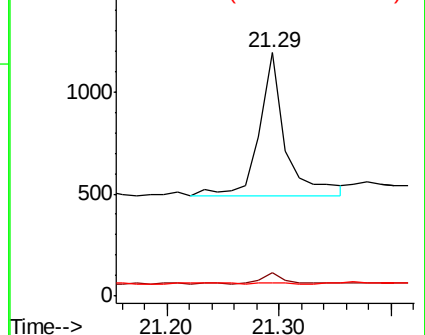
279 0.5 1.2 1.8#

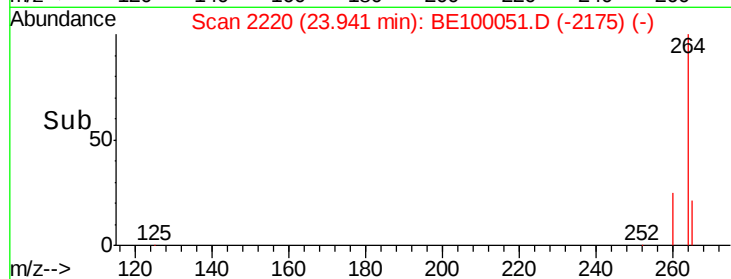
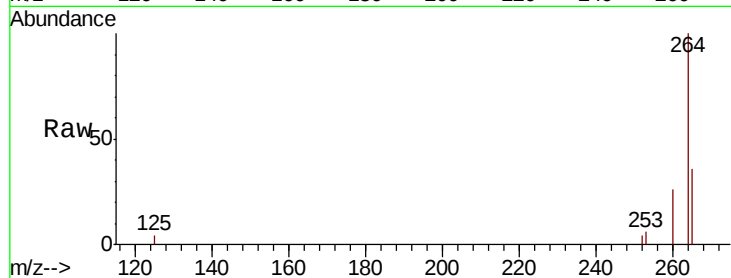
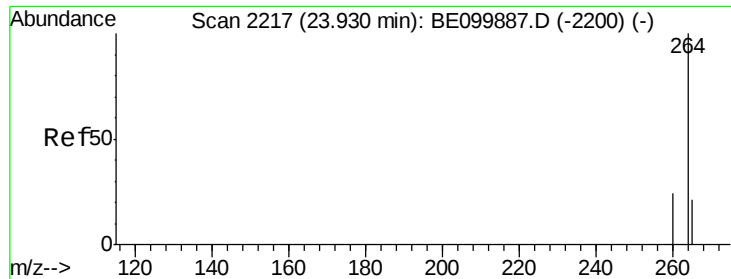


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.94 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BE100051.D

Acq: 15 Jun 2019 9:46

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190610

Tgt Ion: 264 Resp: 7650

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 36.2 22.0 33.0#

