

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100050.D
 Acq On : 15 Jun 2019 9:10
 Operator : JU/SJ
 Sample : K3315-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20190610

Quant Time: Jun 17 01:10:58 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	732	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	2626	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2152	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	6195	0.40	ng	0.01
27) Chrysene-d12	21.40	240	7348	0.40	ng	0.00
34) Perylene-d12	23.93	264	8040	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	334	0.17	ng	0.00
5) Phenol-d6	7.03	99	167	0.07	ng	0.07
8) Nitrobenzene-d5	9.00	82	822	0.33	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1690	0.37	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	406	0.26	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	4237	0.52	ng	0.00
25) Fluoranthene-d10	19.25	212	30305	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	9450	0.71	ng	-0.01

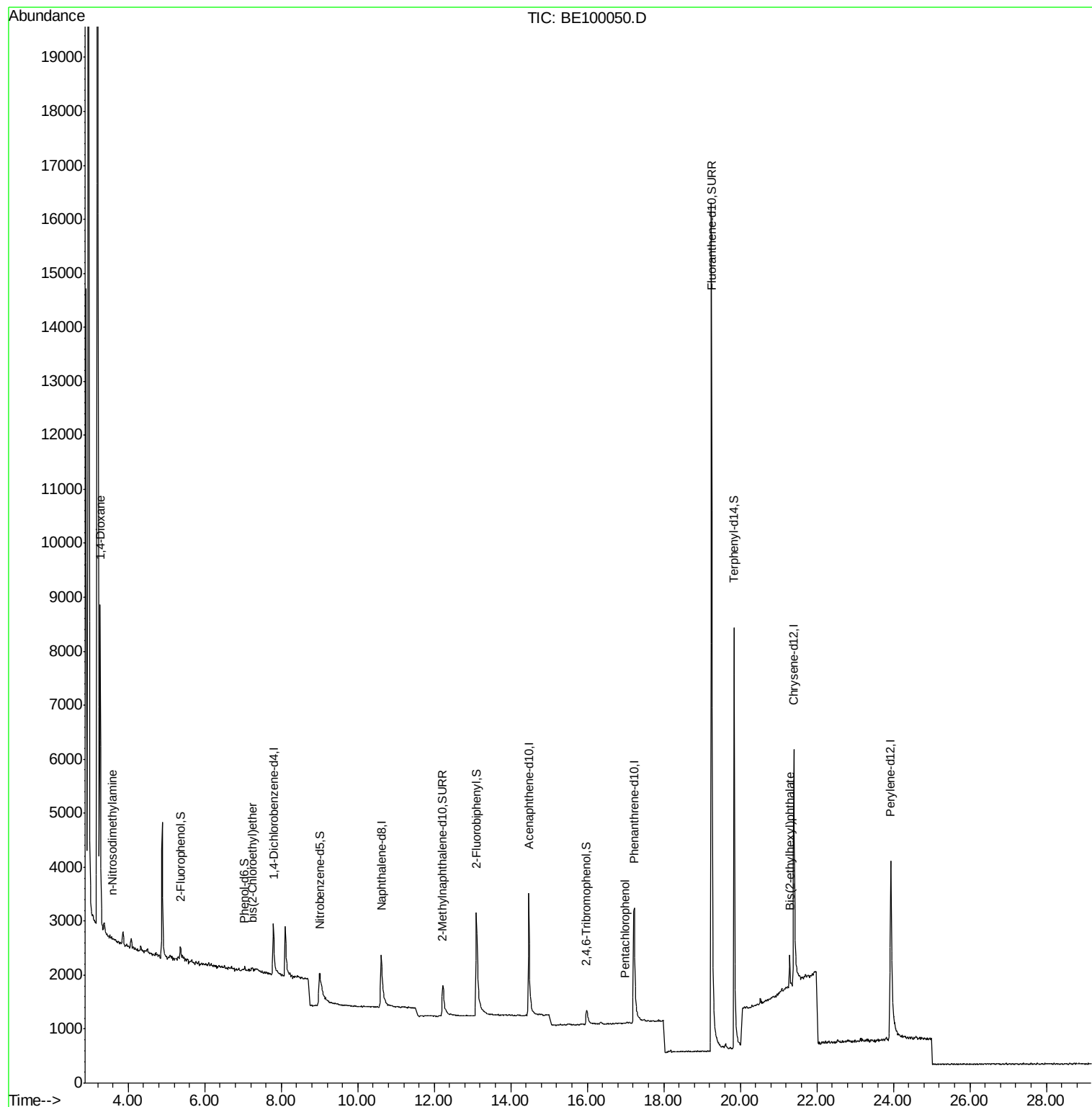
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	5187	4.788	ng	94
3) n-Nitrosodimethylamine	3.59	42	35	0.056	ng	# 100
6) bis(2-Chloroethyl)ether	7.25	93	91	0.044	ng	# 44
22) Pentachlorophenol	16.97	266	15	0.308	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.29	149	946	0.030	ng	# 97

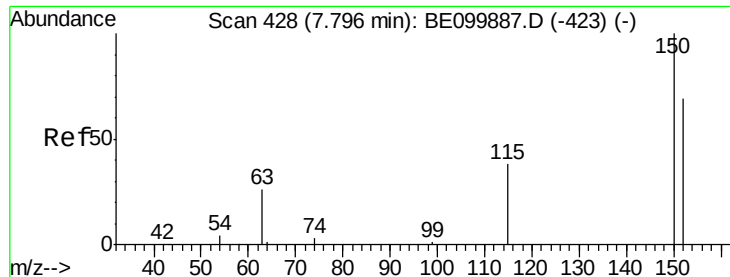
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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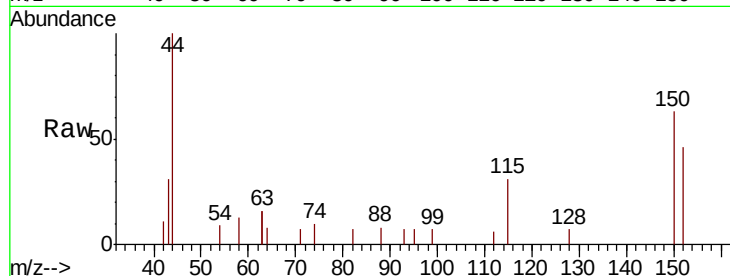


#1

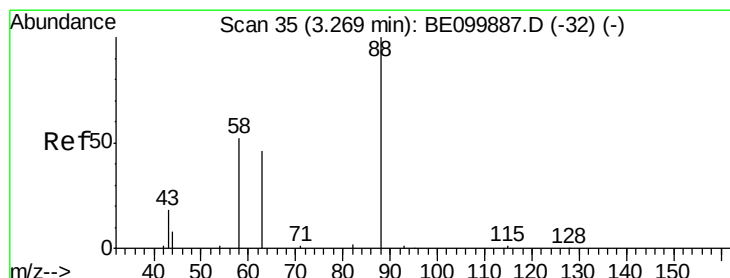
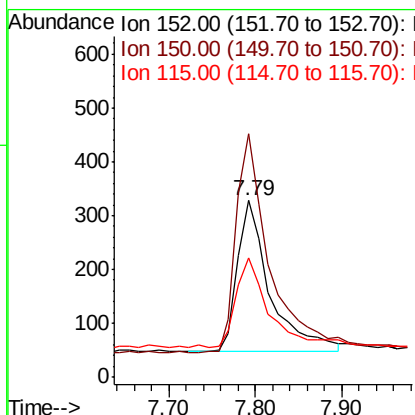
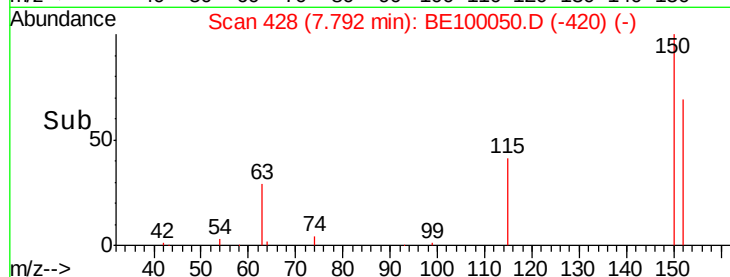
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100050.D
Acq: 15 Jun 2019 9:10

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190610

Tgt Ion:152 Resp: 732
Ion Ratio Lower Upper
152 100
150 137.8 111.0 166.6
115 67.7 50.7 76.1



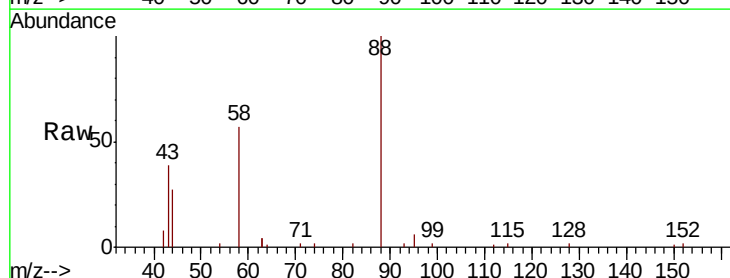
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



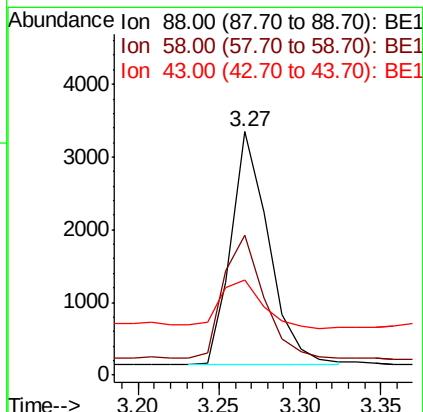
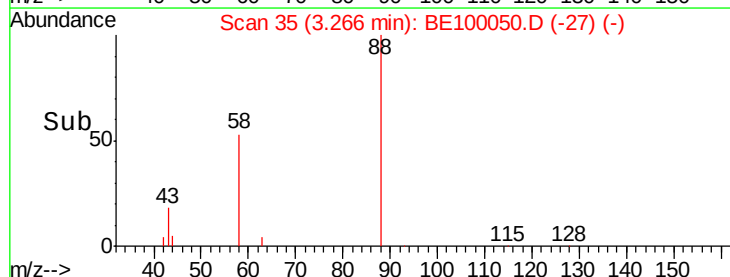
#2

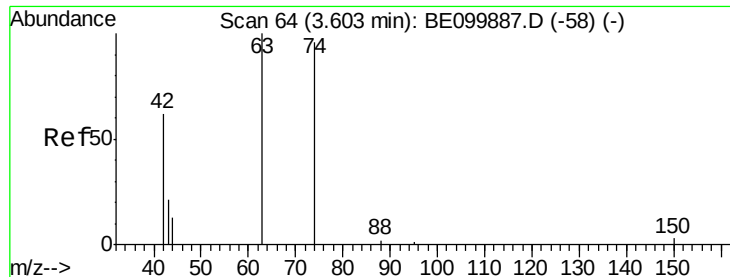
1,4-Dioxane
Concen: 4.788 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100050.D
Acq: 15 Jun 2019 9:10

Tgt Ion: 88 Resp: 5187
Ion Ratio Lower Upper
88 100
58 55.2 48.8 73.2
43 23.6 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: 0.056 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.02 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190610

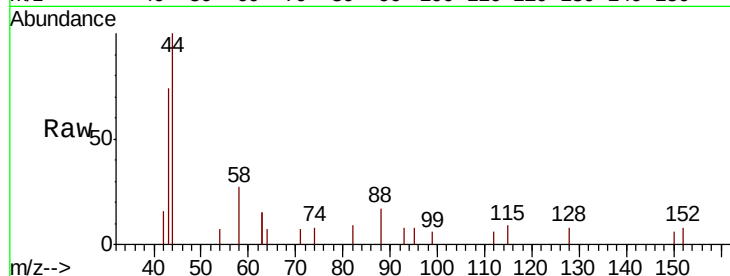
Tgt Ion: 42 Resp: 35

Ion Ratio Lower Upper

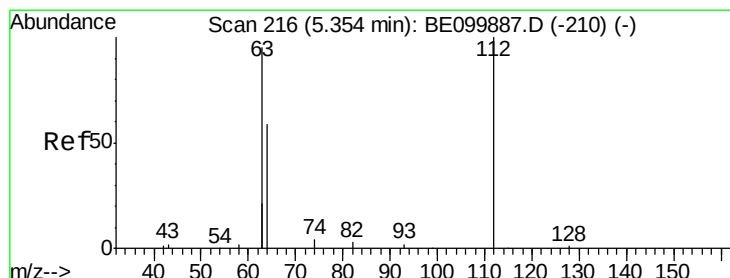
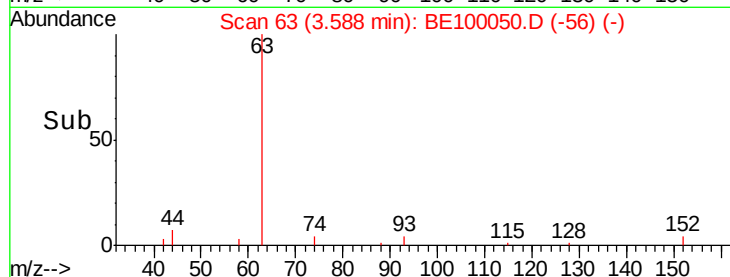
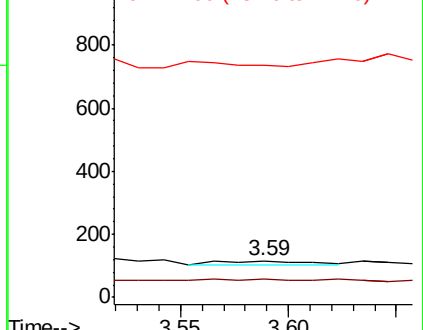
42 100

74 17.1 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: 0.169 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

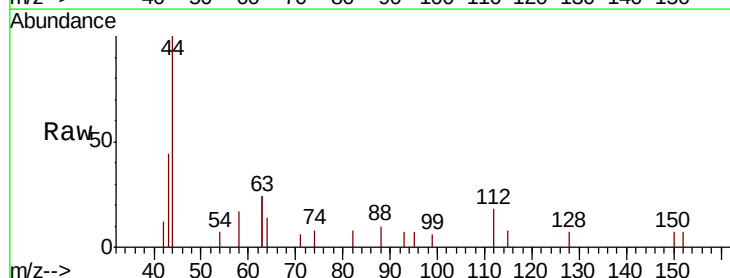
Tgt Ion: 112 Resp: 334

Ion Ratio Lower Upper

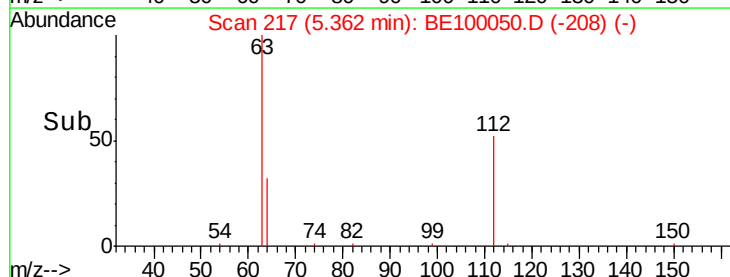
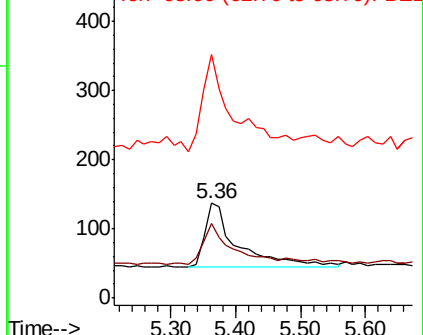
112 100

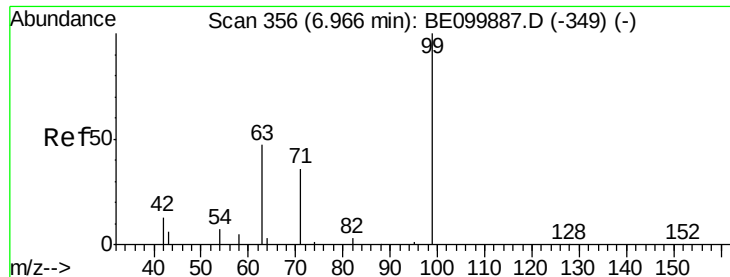
64 55.4 44.1 66.1

63 133.5 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: 0.066 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.07 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190610

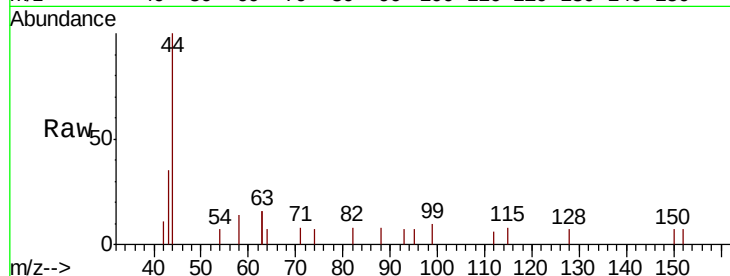
Tgt Ion: 99 Resp: 167

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

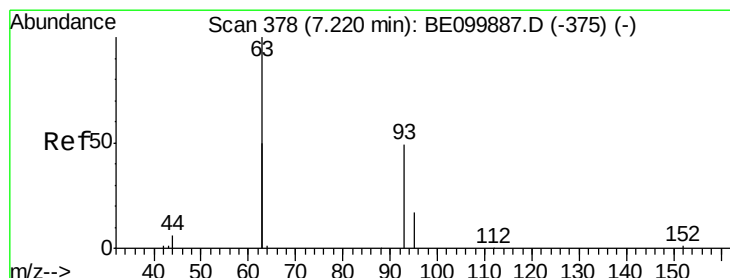
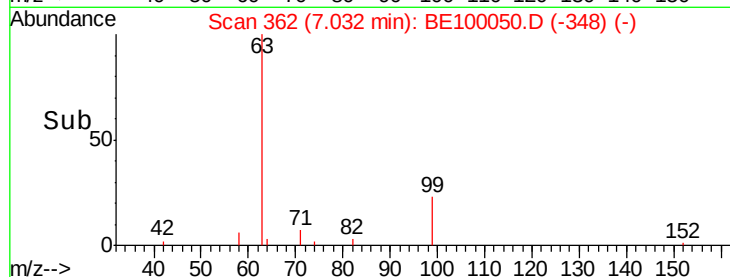
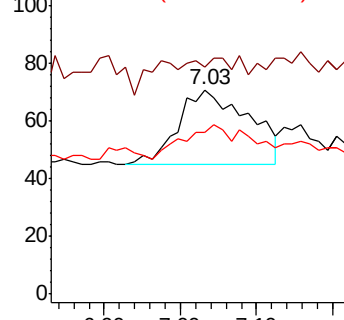
71 27.5 34.6 52.0#



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: 0.044 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.03 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

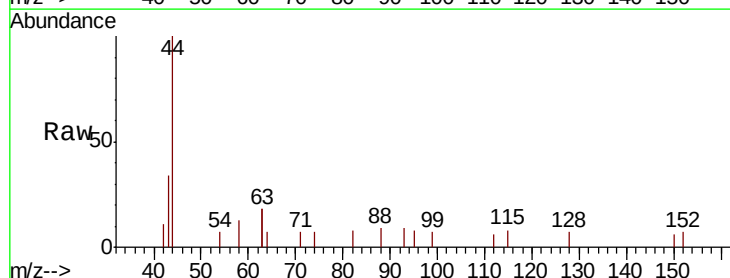
Tgt Ion: 93 Resp: 91

Ion Ratio Lower Upper

93 100

63 154.9 202.8 304.2#

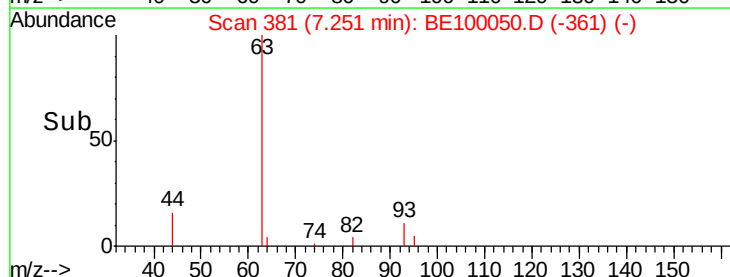
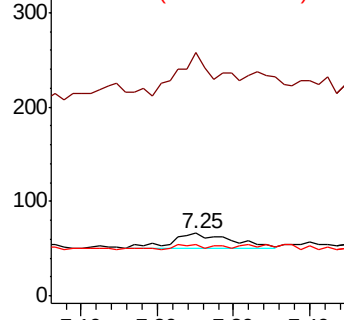
95 0.0 23.7 35.5#

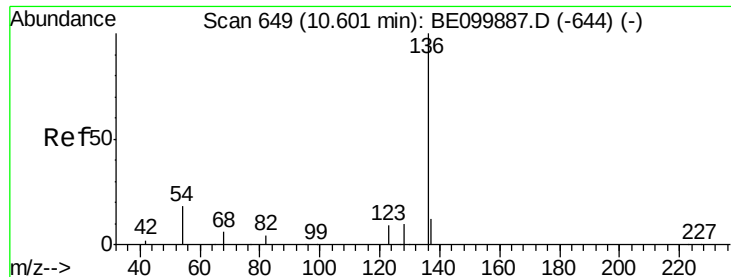


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.62 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190610

Tgt Ion: 136 Resp: 2626

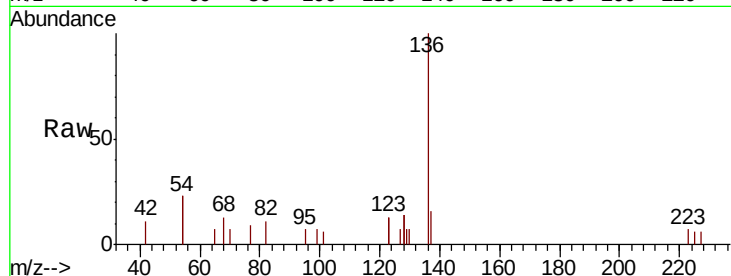
Ion Ratio Lower Upper

136 100

137 16.1 12.3 18.5

54 45.9 28.2 42.4#

68 12.6 7.8 11.8#

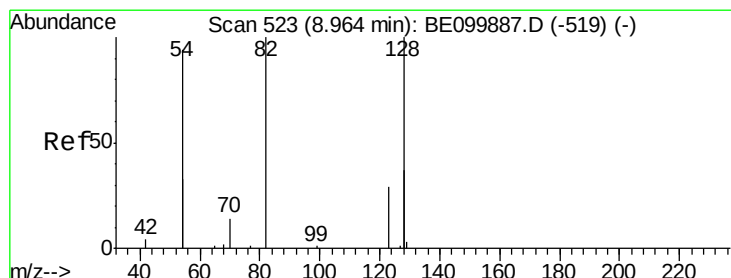
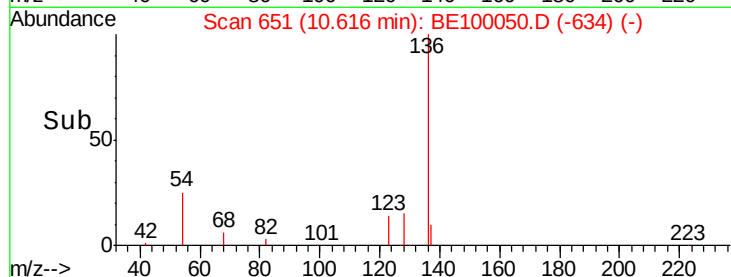
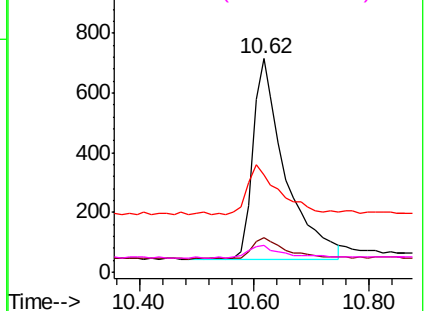


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.331 ng

RT: 9.00 min Scan# 527

Delta R.T. 0.04 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

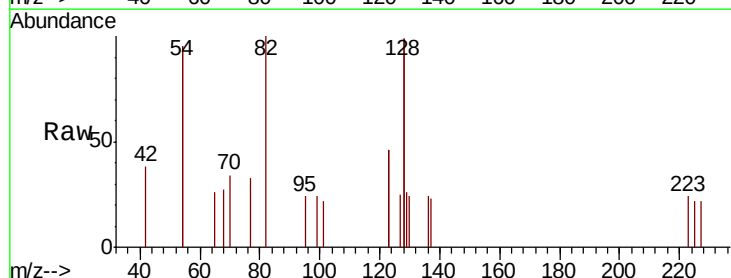
Tgt Ion: 82 Resp: 822

Ion Ratio Lower Upper

82 100

128 197.0 137.3 205.9

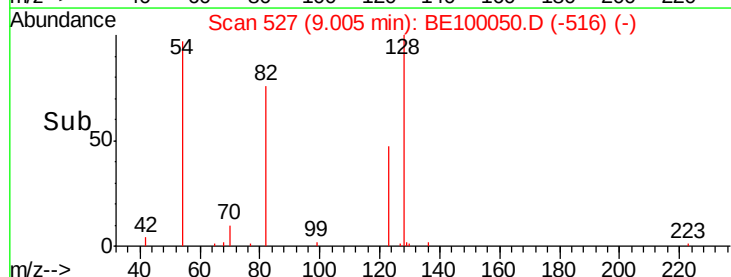
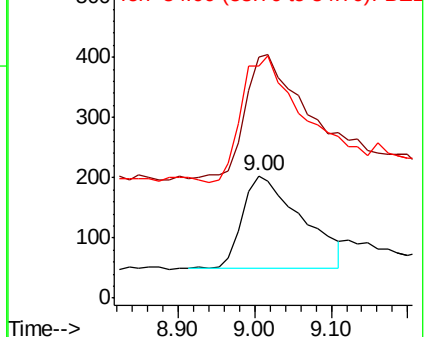
54 190.1 129.7 194.5

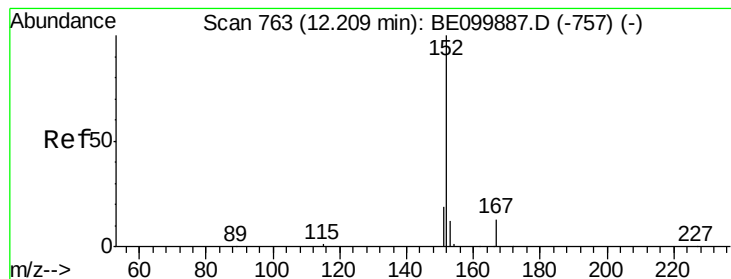


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.369 ng

RT: 12.22 min Scan# 765

Delta R.T. 0.02 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

Instrument :

BNA_E

ClientSampleId :

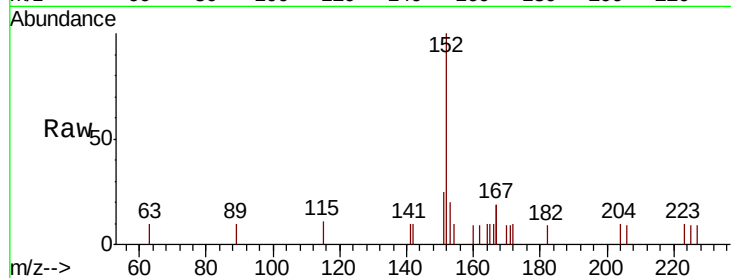
RE105D1-20190610

Tgt Ion:152 Resp: 1690

Ion Ratio Lower Upper

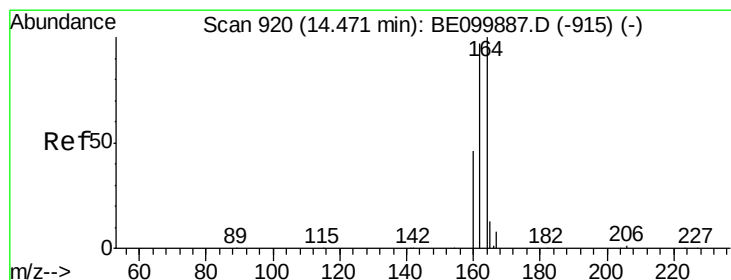
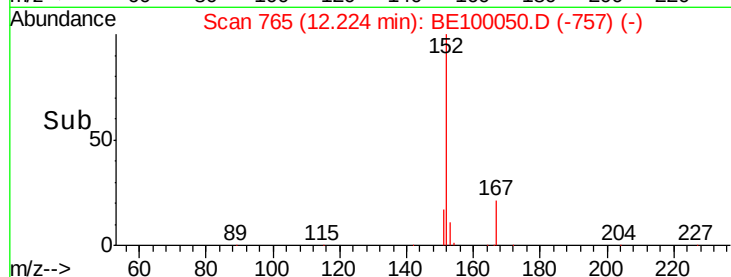
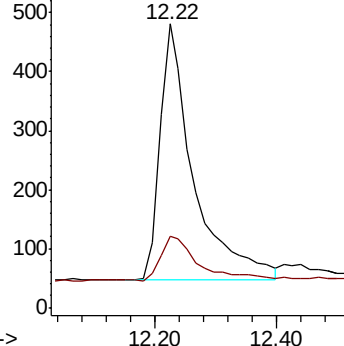
152 100

151 19.9 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# 921

Delta R.T. 0.00 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

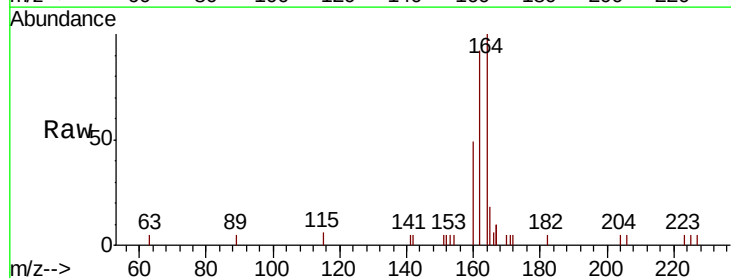
Tgt Ion:164 Resp: 2152

Ion Ratio Lower Upper

164 100

162 92.1 77.8 116.8

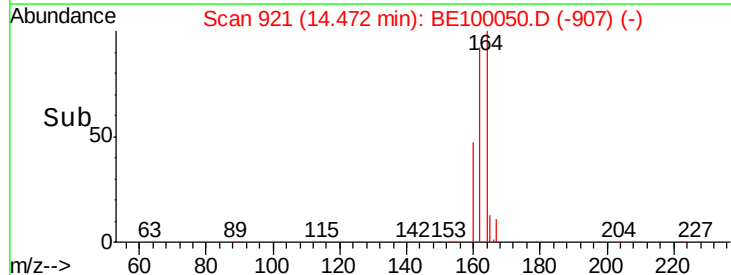
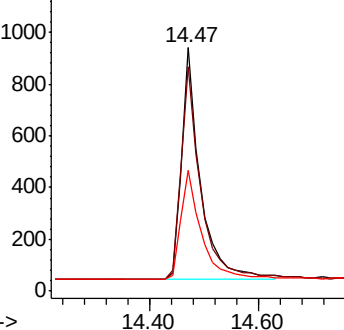
160 49.4 38.2 57.4

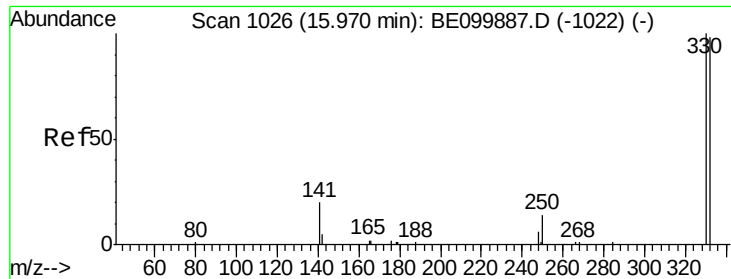


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

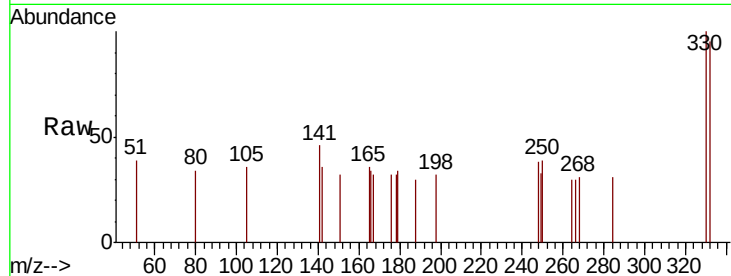




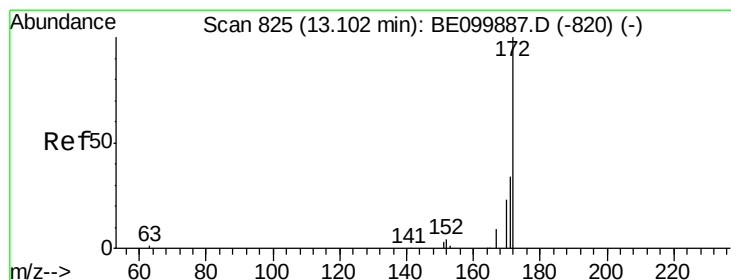
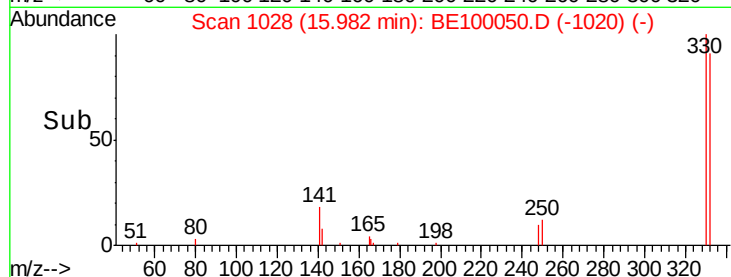
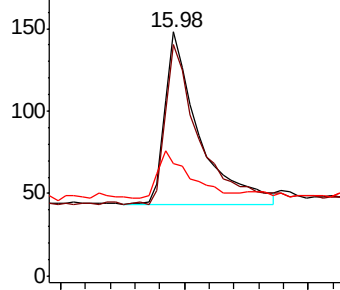
#14
 2,4,6-Tribromophenol
 Concen: 0.255 ng
 RT: 15.98 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE100050.D
 Acq: 15 Jun 2019 9:10

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20190610

Tgt Ion: 330 Resp: 406
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.7 115.1
 141 25.6 21.0 31.6

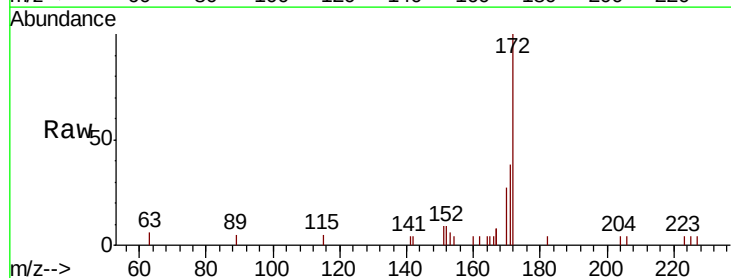


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

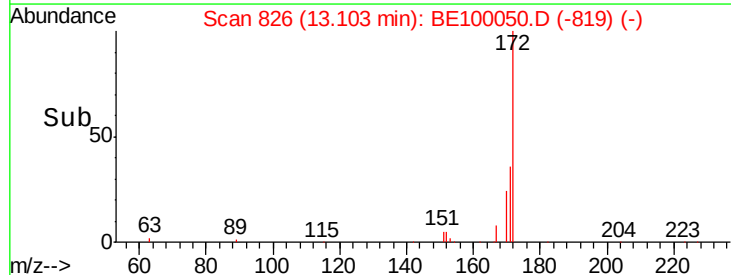
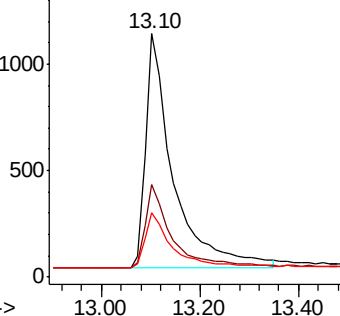


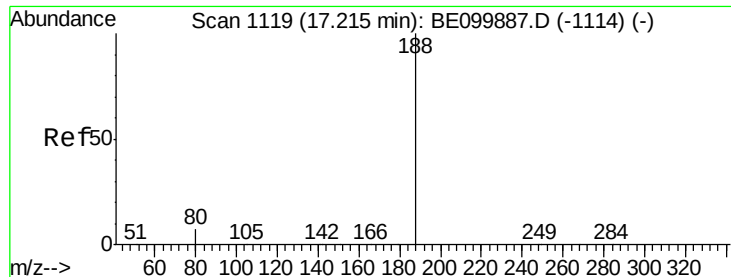
#15
 2-Fluorobiphenyl
 Concen: 0.519 ng
 RT: 13.10 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE100050.D
 Acq: 15 Jun 2019 9:10

Tgt Ion: 172 Resp: 4237
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.2 43.8
 170 26.6 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: 17.23 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190610

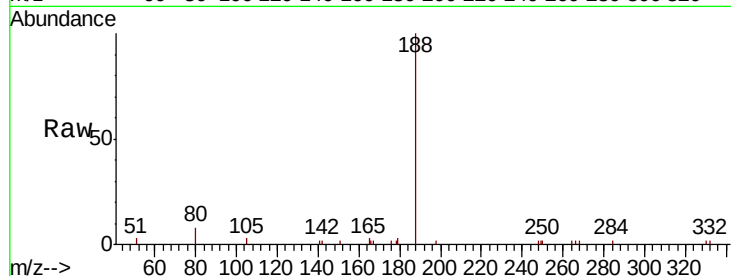
Tgt Ion:188 Resp: 6195

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

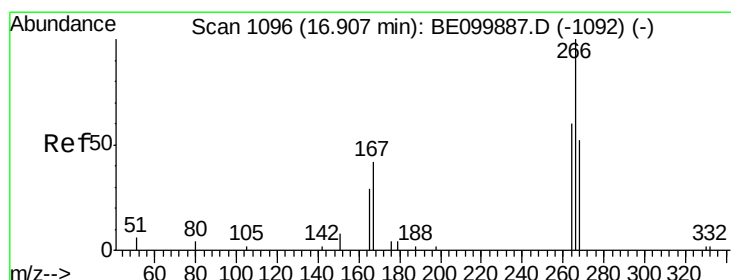
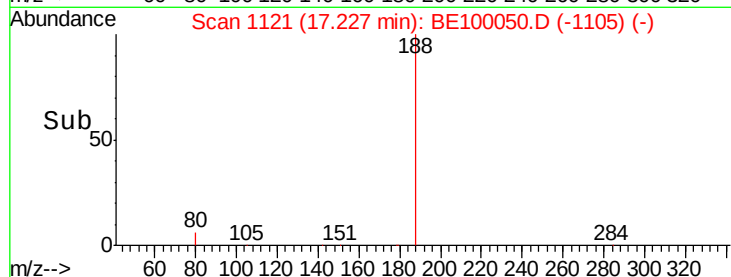
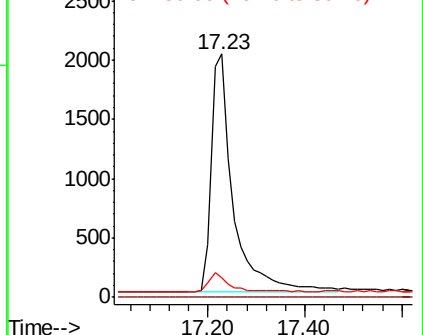
80 7.8 6.4 9.6



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



#22

Pentachlorophenol

Concen: 0.308 ng

RT: 16.97 min Scan# 1102

Delta R.T. 0.07 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

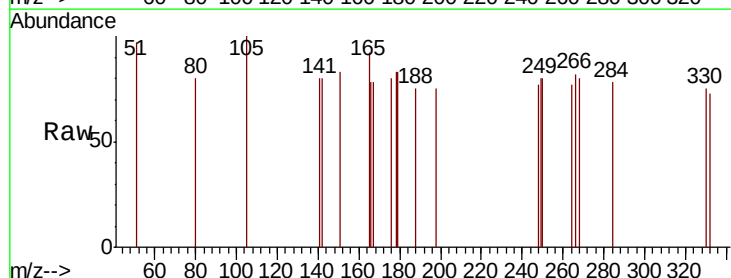
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 93.9 62.2 93.2#

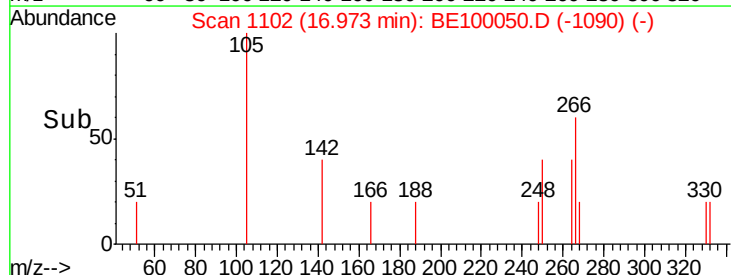
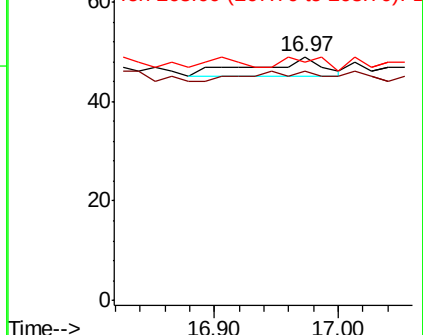
268 98.0 65.5 98.3

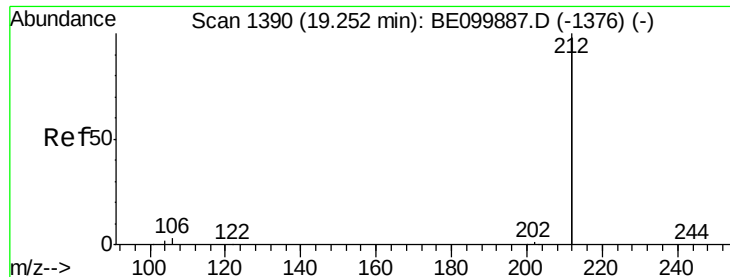


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190610

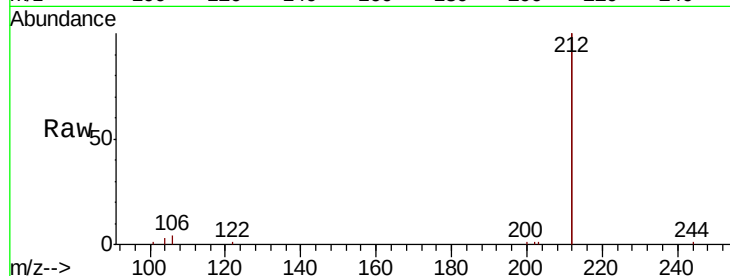
Tgt Ion:212 Resp: 30305

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

104 1.0 0.9 1.3

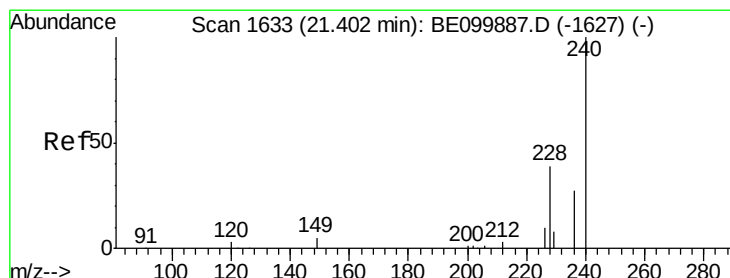
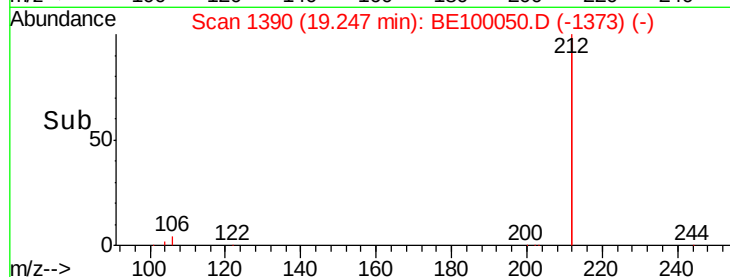
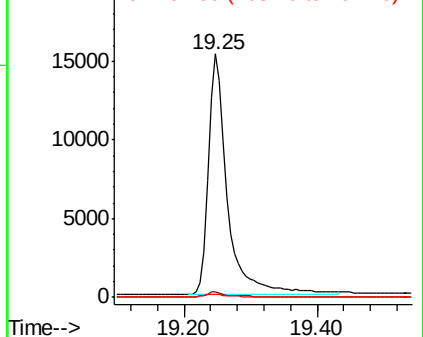


Abundance

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# 1634

Delta R.T. 0.00 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

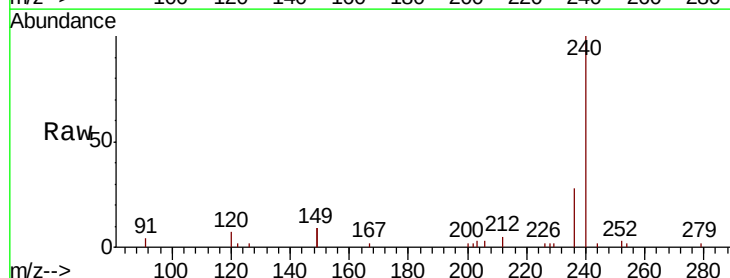
Tgt Ion:240 Resp: 7348

Ion Ratio Lower Upper

240 100

120 6.8 3.8 5.6#

236 27.9 22.0 33.0

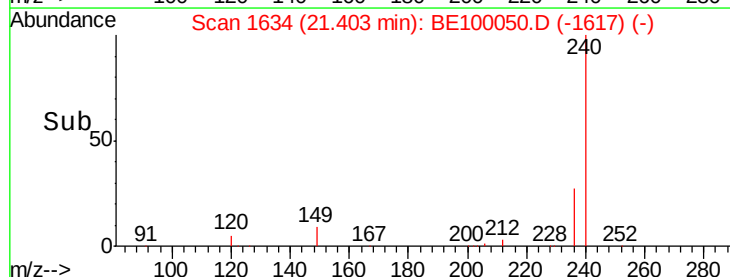
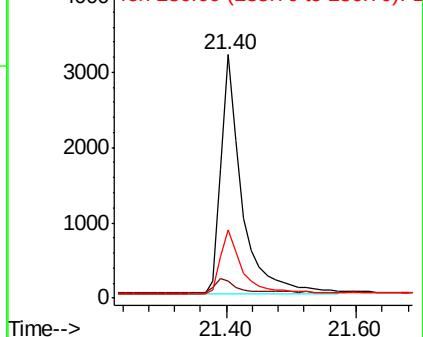


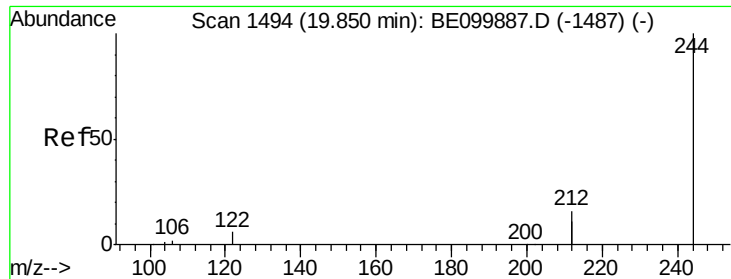
Abundance

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: 0.714 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190610

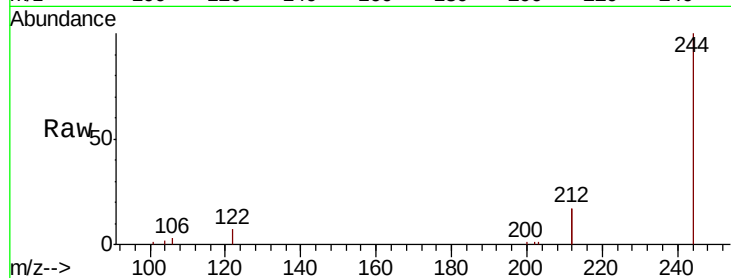
Tgt Ion:244 Resp: 9450

Ion Ratio Lower Upper

244 100

212 34.6 25.7 38.5

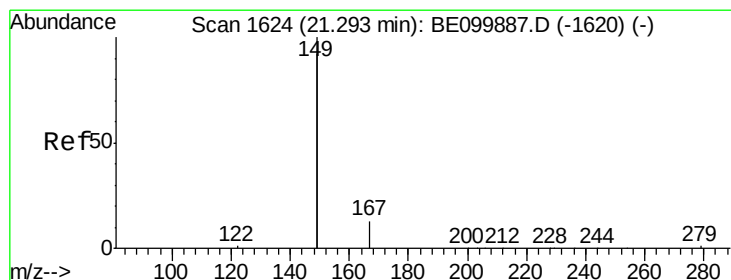
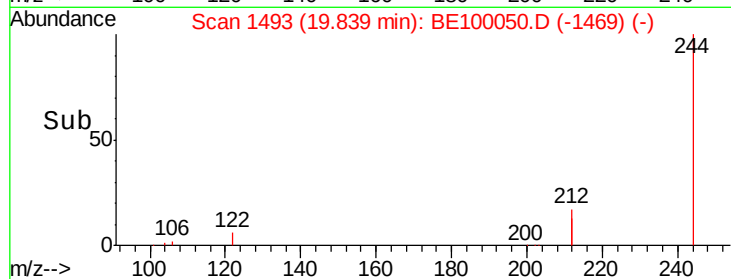
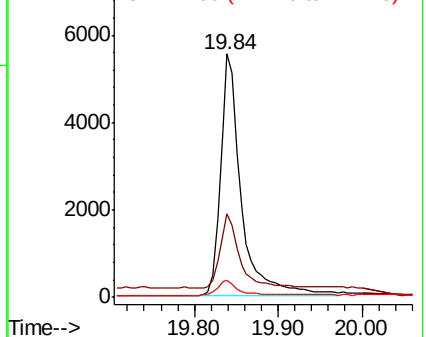
122 7.0 5.5 8.3



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: 0.030 ng

RT: 21.29 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

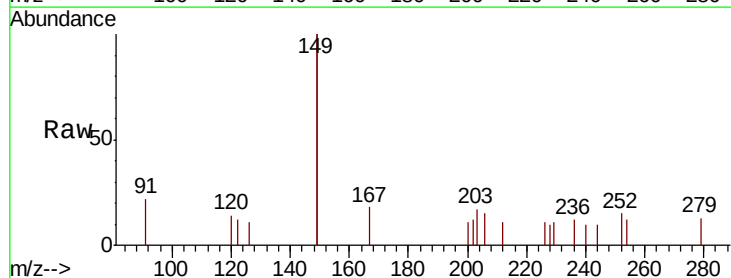
Tgt Ion:149 Resp: 946

Ion Ratio Lower Upper

149 100

167 6.6 5.9 8.9

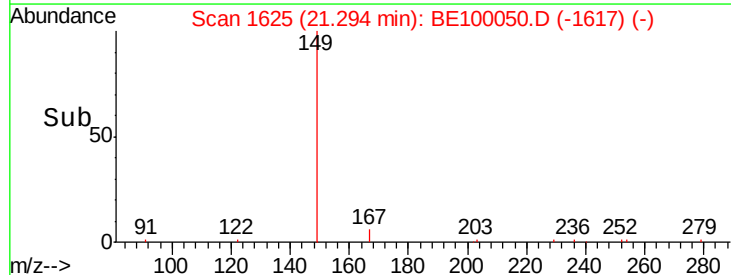
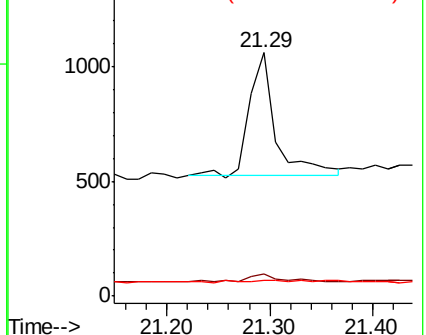
279 3.8 1.2 1.8#

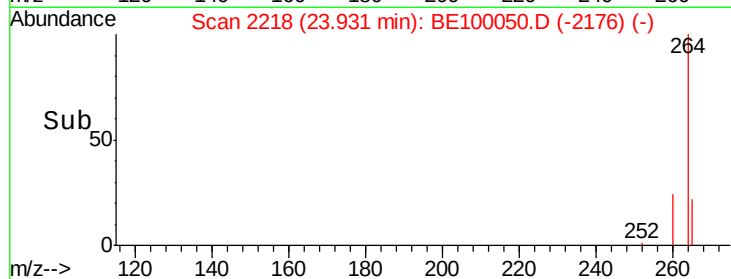
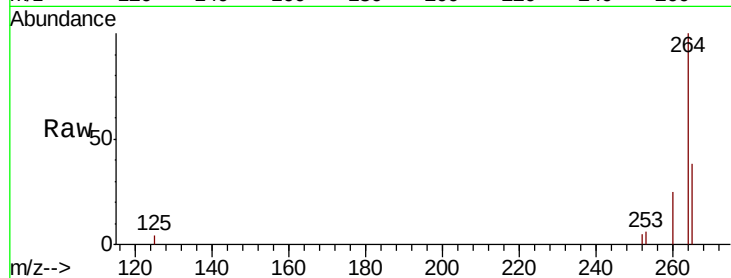
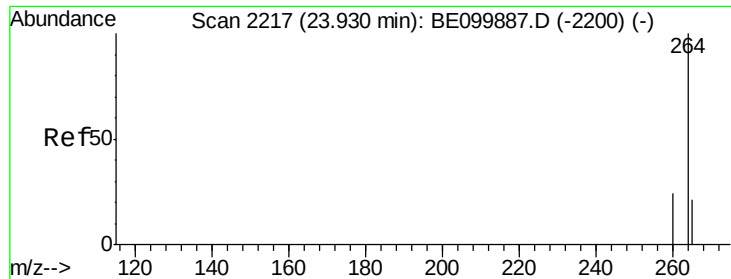


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BE100050.D

Acq: 15 Jun 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190610

Tgt Ion:264 Resp: 8040

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 37.7 22.0 33.0

