

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100047.D
 Acq On : 15 Jun 2019 7:23
 Operator : JU/SJ
 Sample : K3315-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190610

Quant Time: Jun 17 01:10:30 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

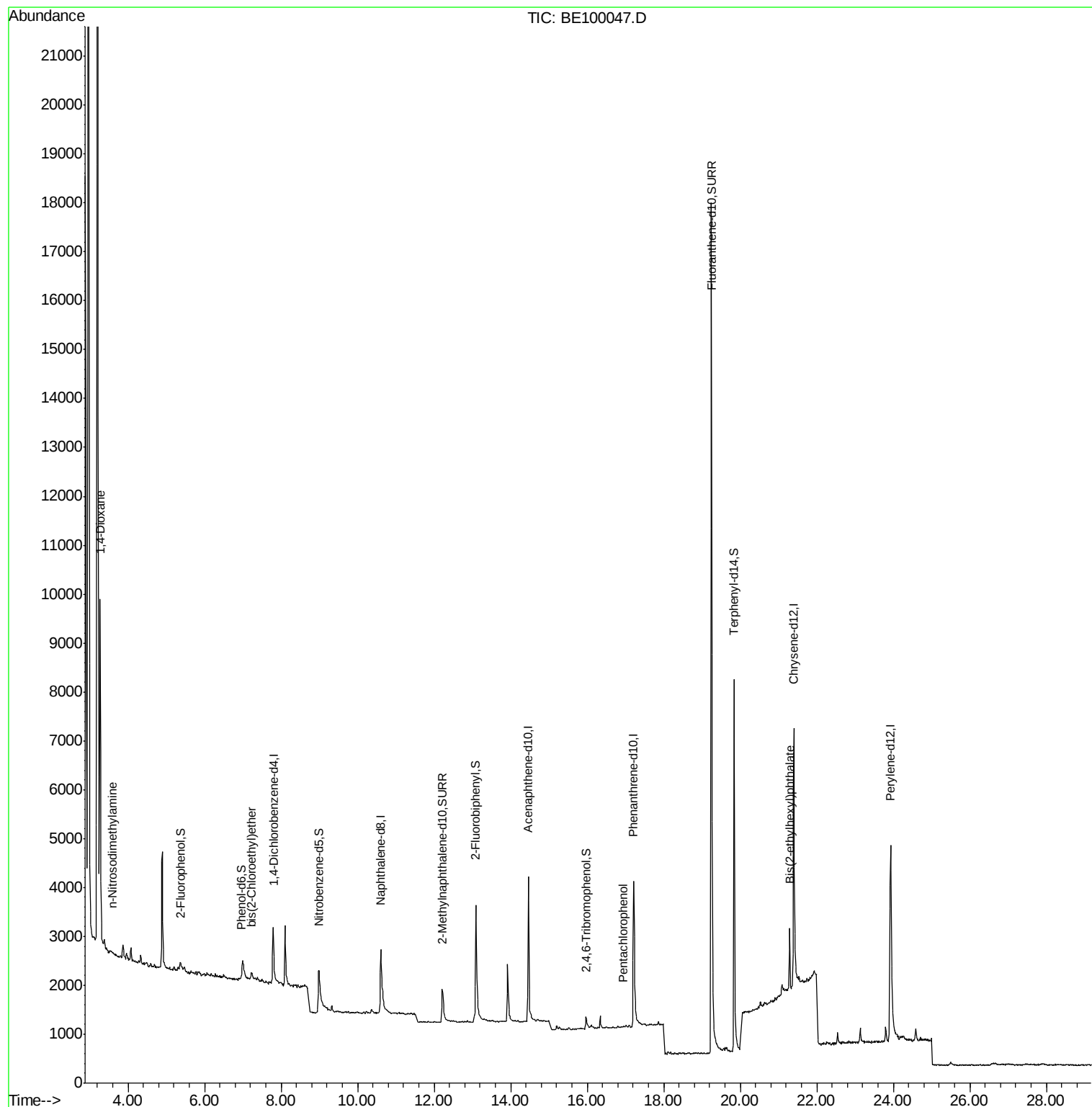
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	864	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2953	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2356	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	6505	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8144	0.40	ng	0.00
34) Perylene-d12	23.93	264	9075	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	231	0.10	ng	0.01
5) Phenol-d6	6.97	99	201	0.07	ng	0.00
8) Nitrobenzene-d5	8.98	82	1013	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1795	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	297	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3891	0.44	ng	-0.01
25) Fluoranthene-d10	19.25	212	31310	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	8635	0.59	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	6584	5.149	ng	Qvalue 94
3) n-Nitrosodimethylamine	3.59	42	29	0.039	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	142	0.058	ng	# 62
22) Pentachlorophenol	16.93	266	31	0.317	ng	83
32) Bis(2-ethylhexyl)phthalate	21.29	149	1811	0.052	ng	# 98

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

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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

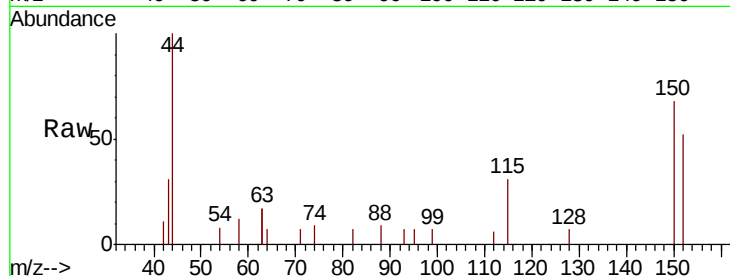




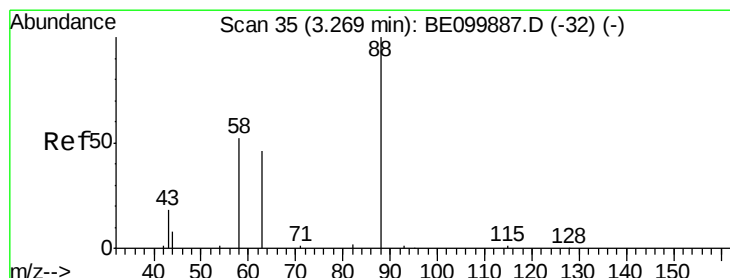
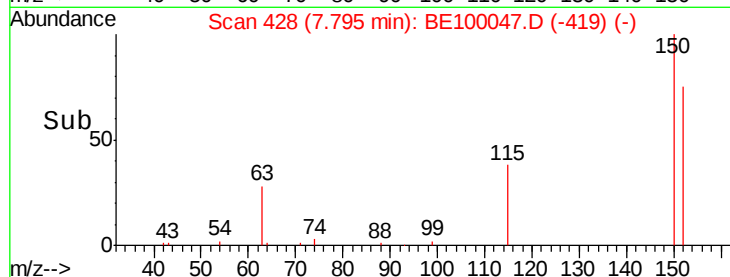
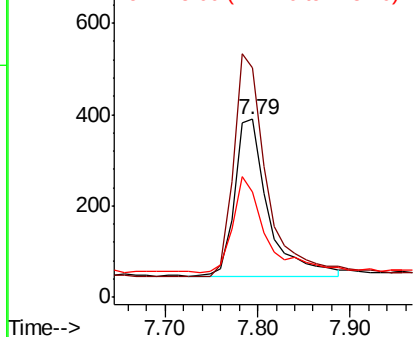
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BE100047.D
 Acq: 15 Jun 2019 7:23

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190610

Tgt Ion:152 Resp: 864
 Ion Ratio Lower Upper
 152 100
 150 129.3 111.0 166.6
 115 59.4 50.7 76.1

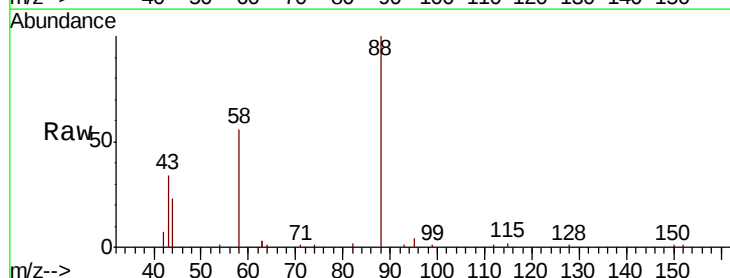


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

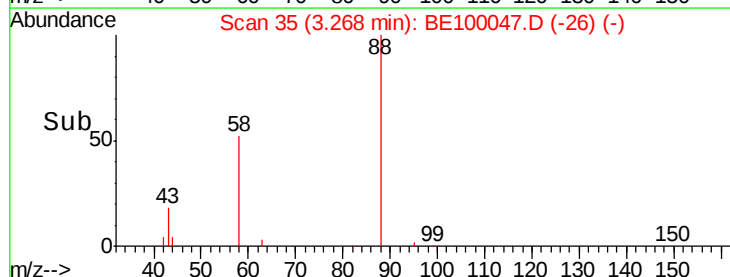
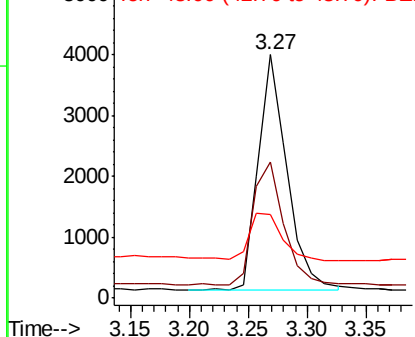


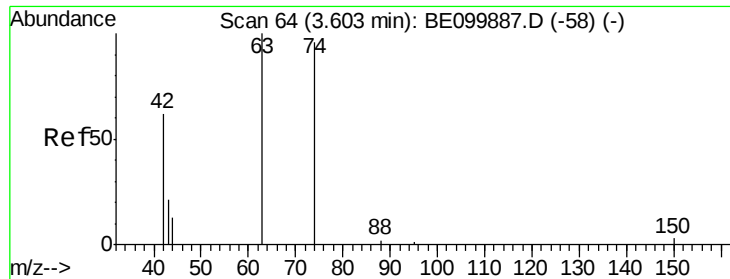
#2
 1,4-Dioxane
 Concen: 5.149 ng
 RT: 3.27 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BE100047.D
 Acq: 15 Jun 2019 7:23

Tgt Ion: 88 Resp: 6584
 Ion Ratio Lower Upper
 88 100
 58 55.5 48.8 73.2
 43 23.2 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: 0.039 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.01 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610

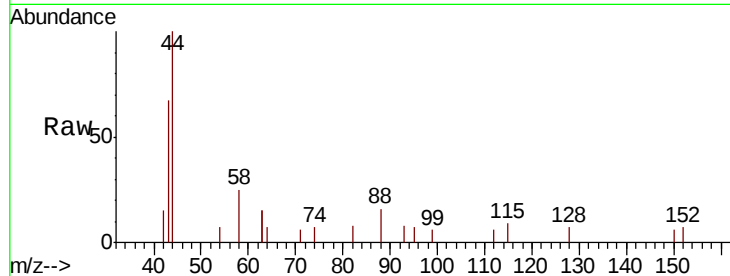
Tgt Ion: 42 Resp: 29

Ion Ratio Lower Upper

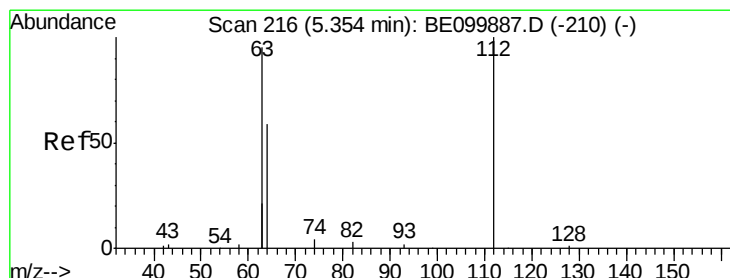
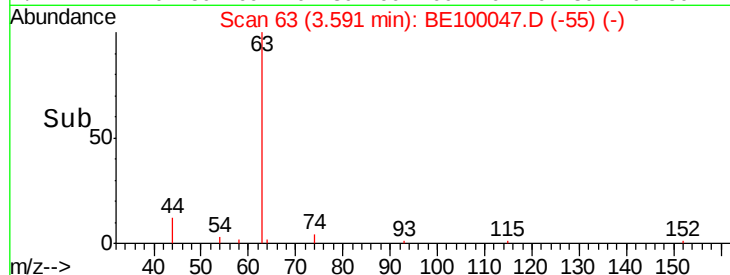
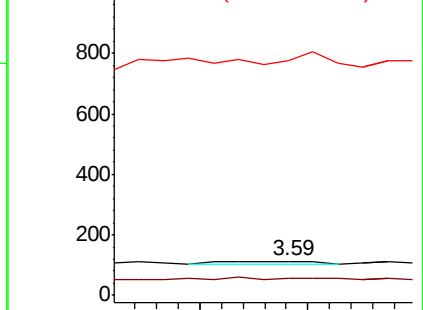
42 100

74 0.0 0.0 0.0

44 213.8 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: 0.099 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

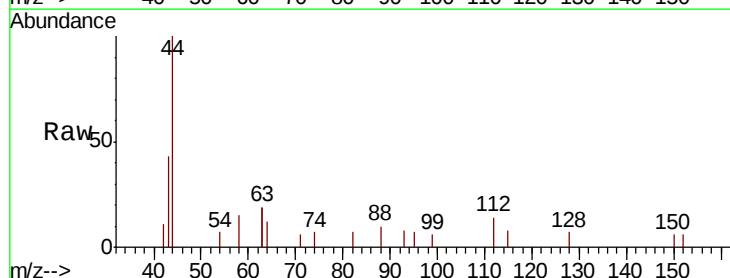
Tgt Ion: 112 Resp: 231

Ion Ratio Lower Upper

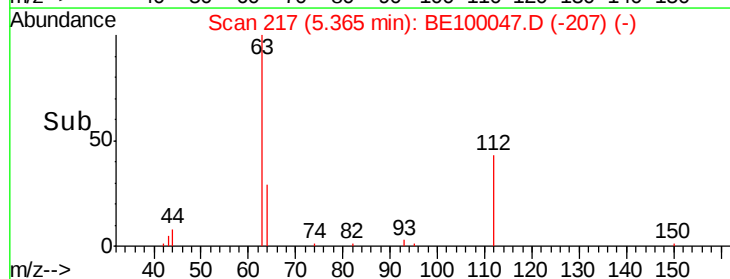
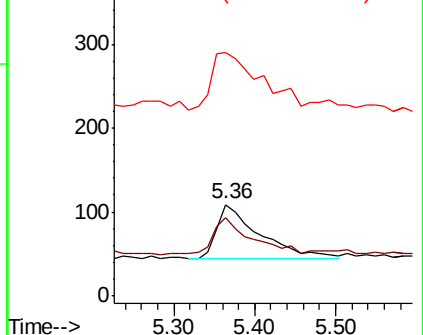
112 100

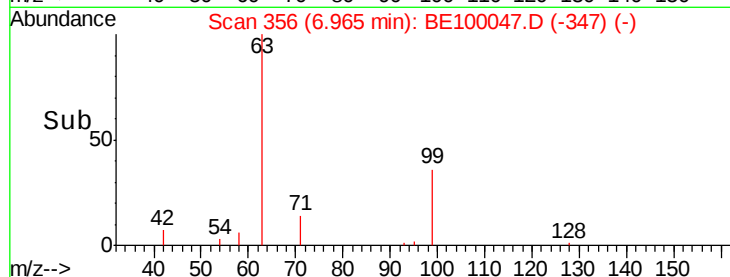
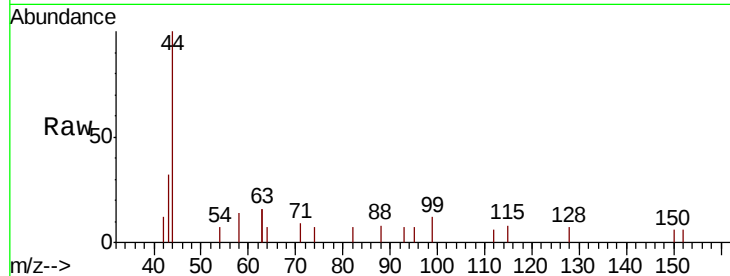
64 65.4 44.1 66.1

63 125.5 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: 0.067 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610

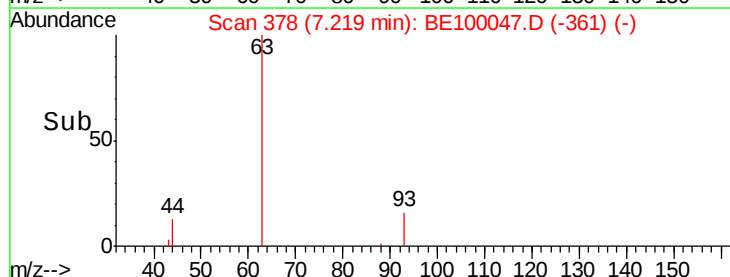
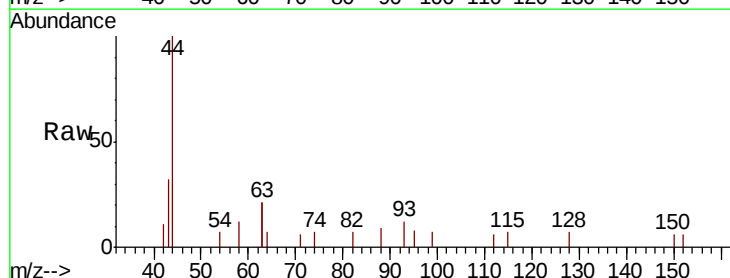
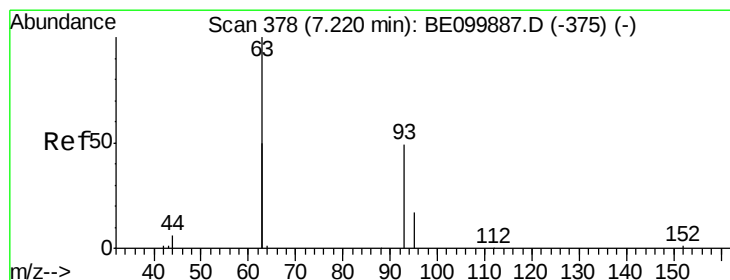
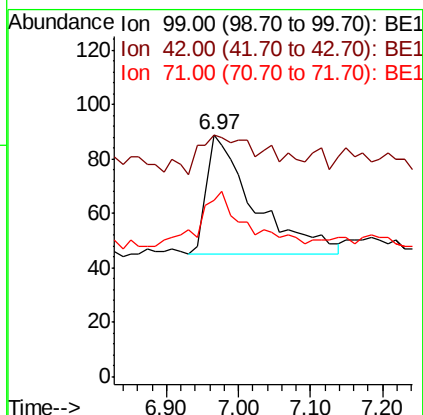
Tgt Ion: 99 Resp: 201

Ion Ratio Lower Upper

99 100

42 45.8 15.9 23.9#

71 42.8 34.6 52.0



#6

bis(2-Chloroethyl)ether

Concen: 0.058 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

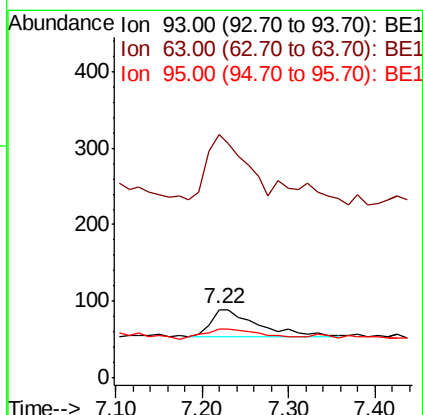
Tgt Ion: 93 Resp: 142

Ion Ratio Lower Upper

93 100

63 181.7 202.8 304.2#

95 39.4 23.7 35.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610

Tgt Ion: 136 Resp: 2953

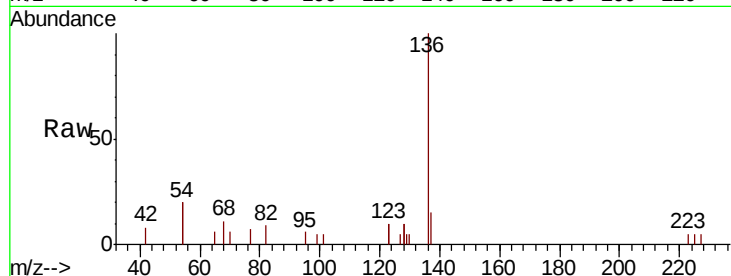
Ion Ratio Lower Upper

136 100

137 15.0 12.3 18.5

54 40.8 28.2 42.4

68 10.8 7.8 11.8

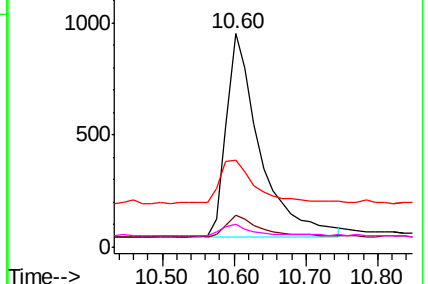
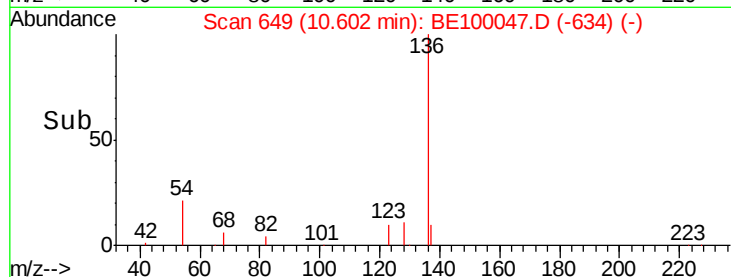


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.362 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

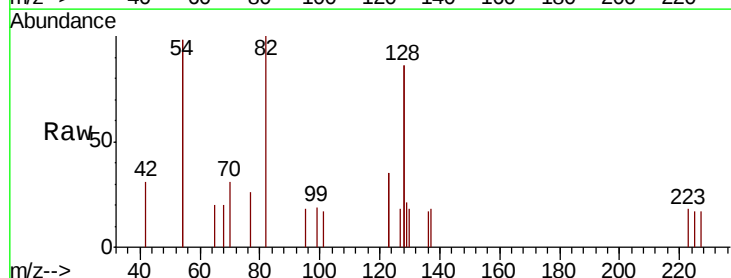
Tgt Ion: 82 Resp: 1013

Ion Ratio Lower Upper

82 100

128 172.8 137.3 205.9

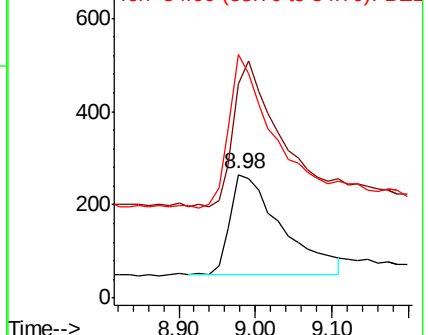
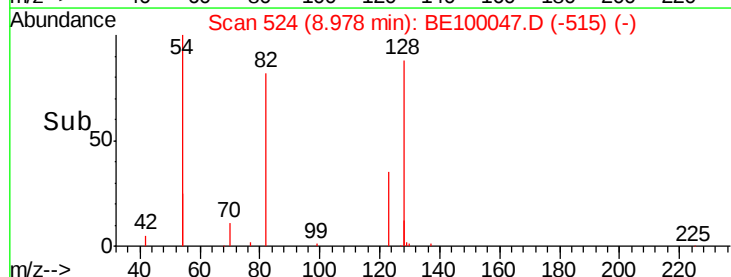
54 197.0 129.7 194.5#

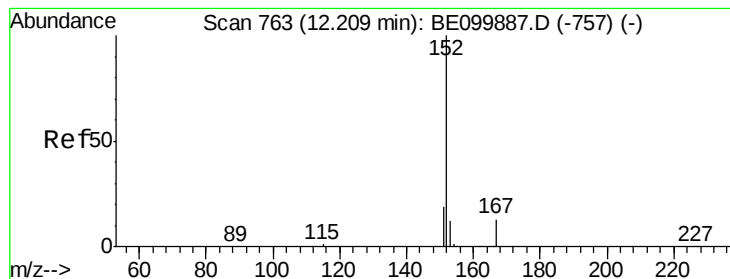


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.349 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

Instrument :

BNA_E

ClientSampleId :

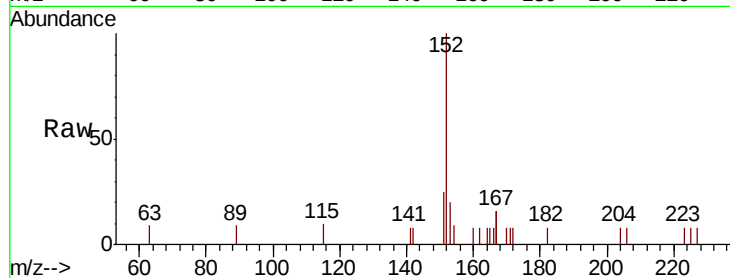
TT101D-20190610

Tgt Ion:152 Resp: 1795

Ion Ratio Lower Upper

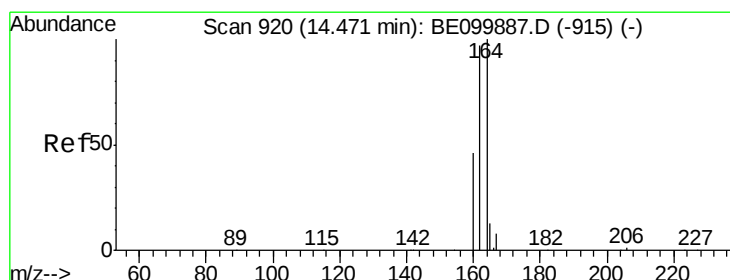
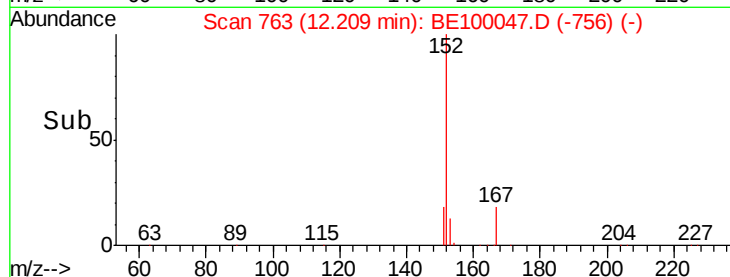
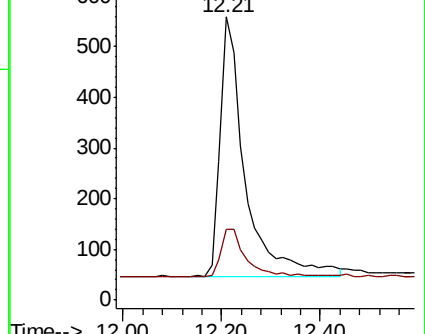
152 100

151 18.4 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: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

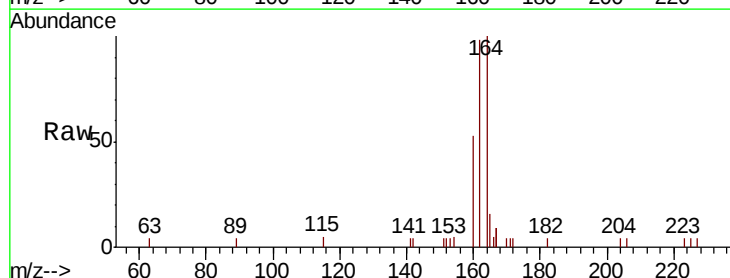
Tgt Ion:164 Resp: 2356

Ion Ratio Lower Upper

164 100

162 98.4 77.8 116.8

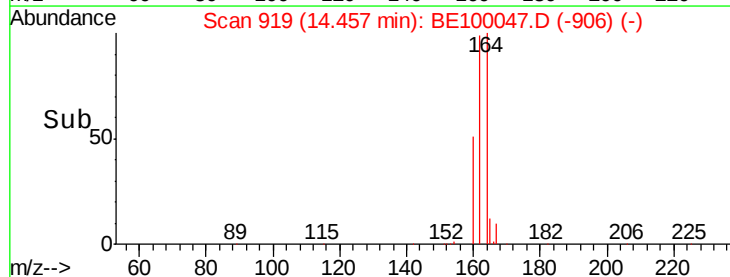
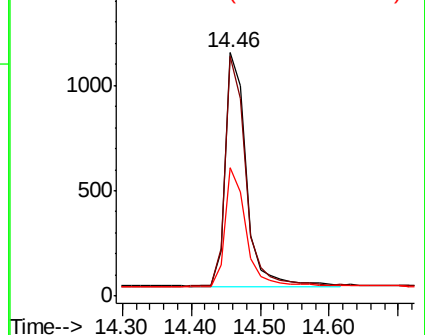
160 52.5 38.2 57.4

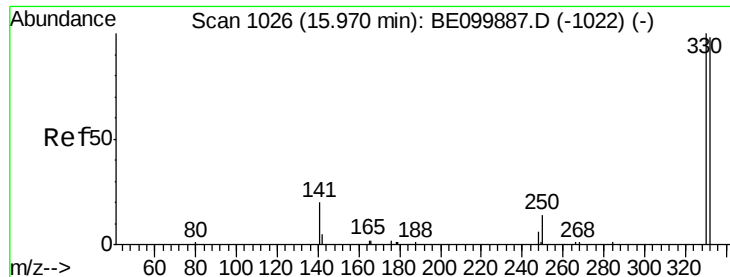


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

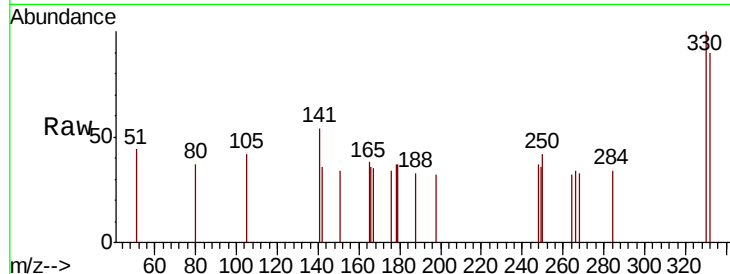




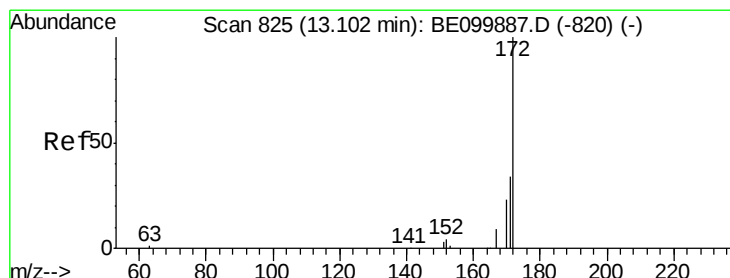
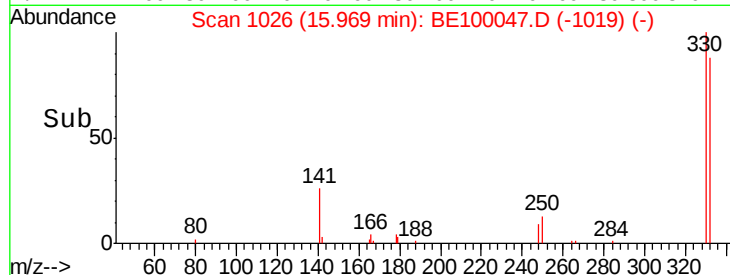
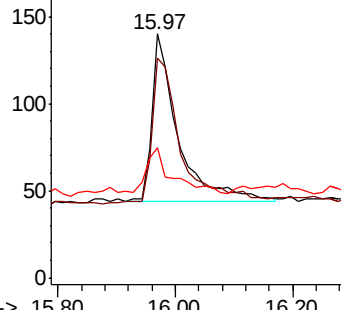
#14
 2,4,6-Tribromophenol
 Concen: 0.171 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE100047.D
 Acq: 15 Jun 2019 7:23

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190610

Tgt Ion: 330 Resp: 297
 Ion Ratio Lower Upper
 330 100
 332 102.7 76.7 115.1
 141 29.0 21.0 31.6

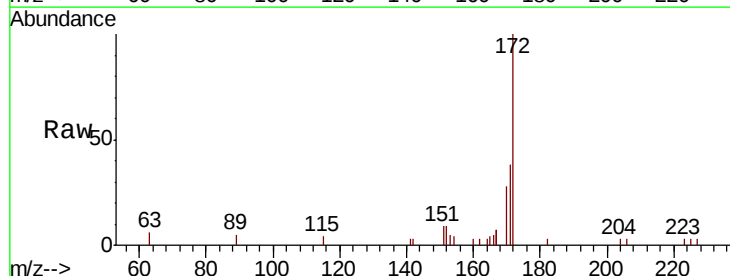


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

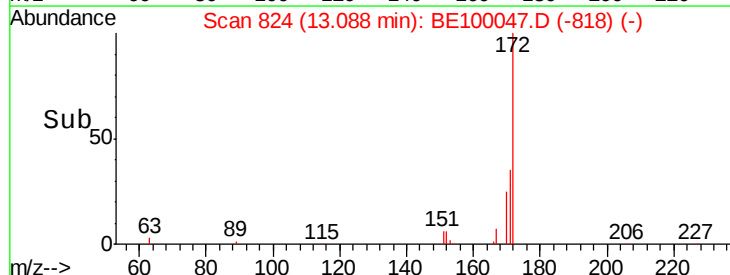
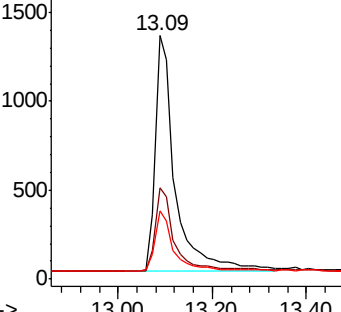


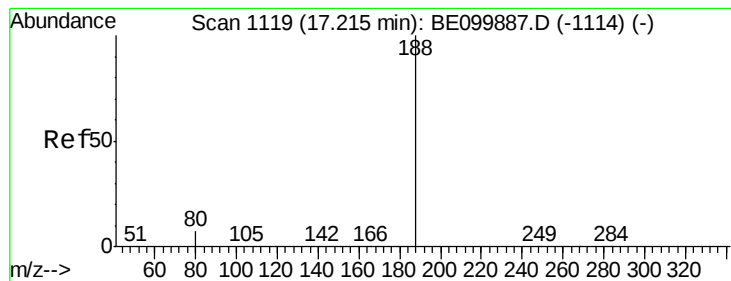
#15
 2-Fluorobiphenyl
 Concen: 0.436 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE100047.D
 Acq: 15 Jun 2019 7:23

Tgt Ion: 172 Resp: 3891
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.2 43.8
 170 27.8 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: BE100047.D

Acq: 15 Jun 2019 7:23

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610

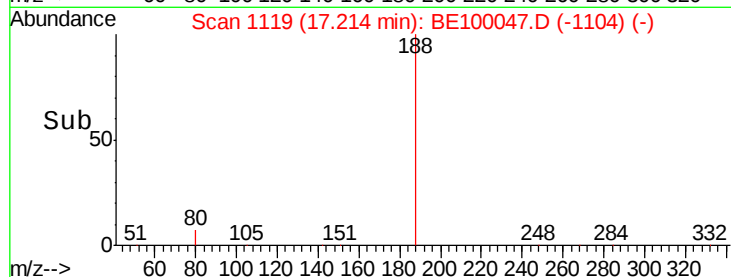
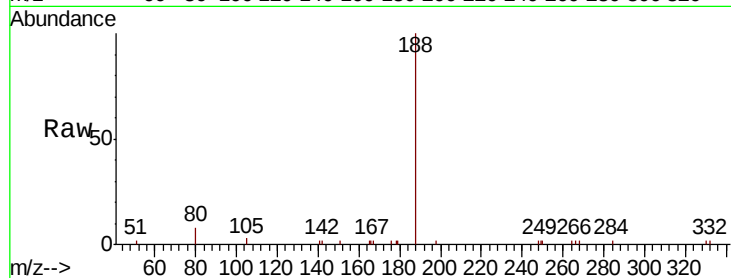
Tgt Ion:188 Resp: 6505

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

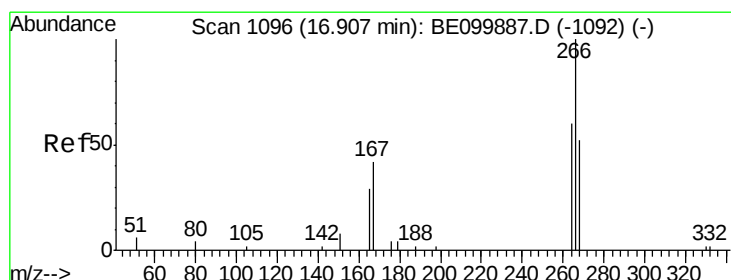
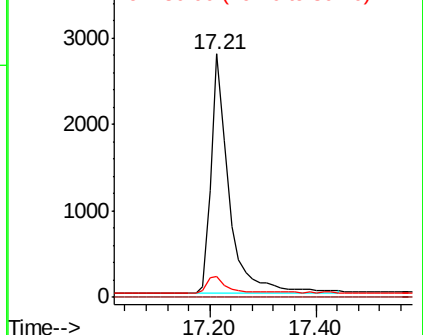
80 8.3 6.4 9.6



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: 0.317 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

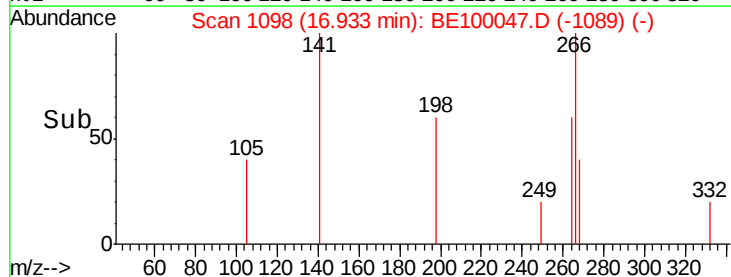
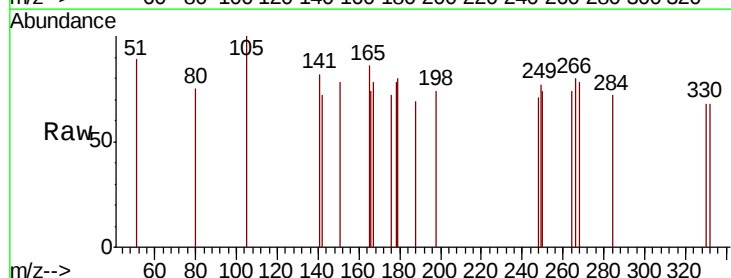
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 92.3 62.2 93.2

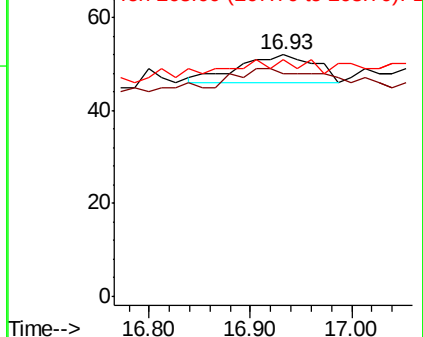
268 98.1 65.5 98.3

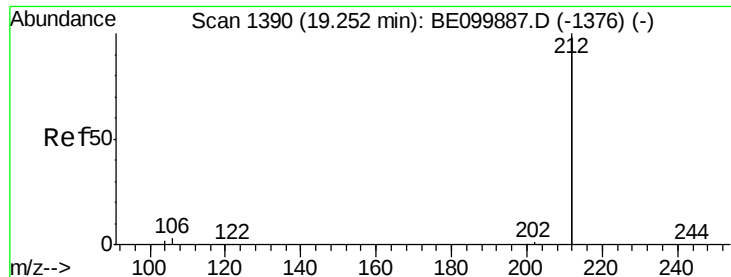


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

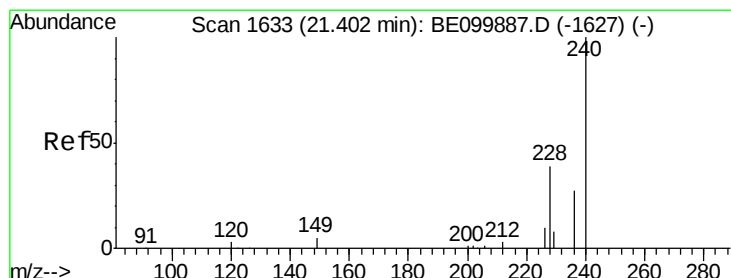
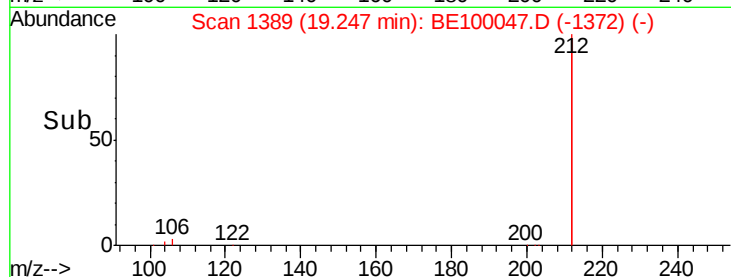
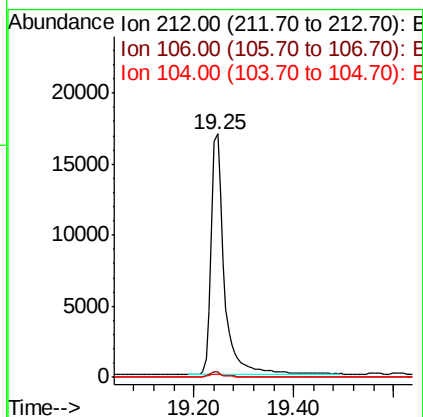
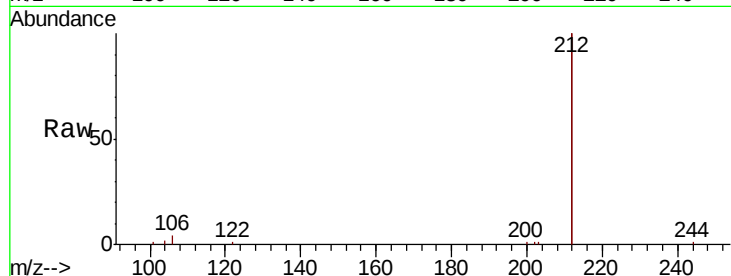




#25
 Fluoranthene-d10
 Concen: 0.330 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BE100047.D
 Acq: 15 Jun 2019 7:23

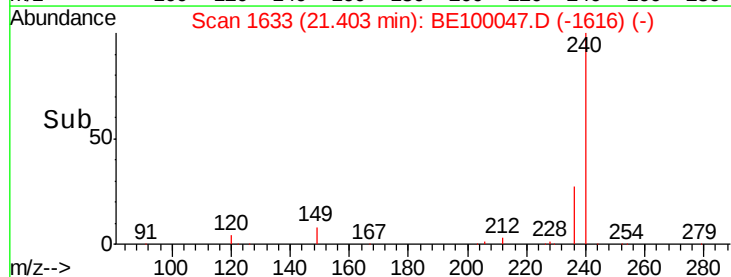
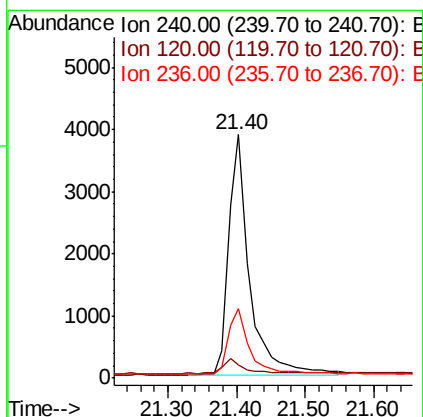
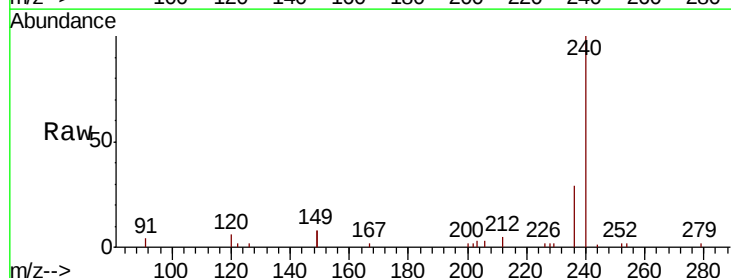
Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190610

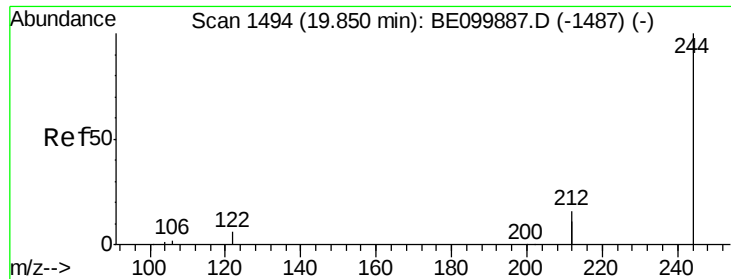
Tgt Ion: 212 Resp: 31310
 Ion Ratio Lower Upper
 212 100
 106 1.7 1.4 2.2
 104 1.0 0.9 1.3



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE100047.D
 Acq: 15 Jun 2019 7:23

Tgt Ion: 240 Resp: 8144
 Ion Ratio Lower Upper
 240 100
 120 5.6 3.8 5.6
 236 28.5 22.0 33.0





#29

Terphenyl-d14

Concen: 0.589 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610

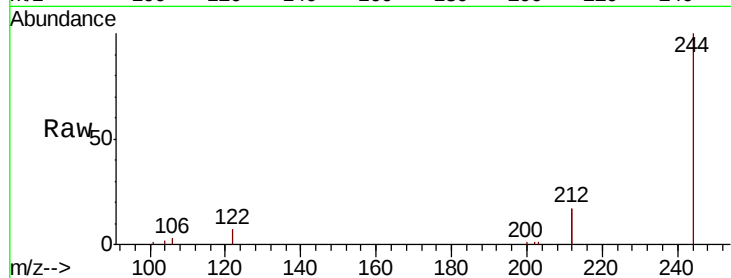
Tgt Ion:244 Resp: 8635

Ion Ratio Lower Upper

244 100

212 33.0 25.7 38.5

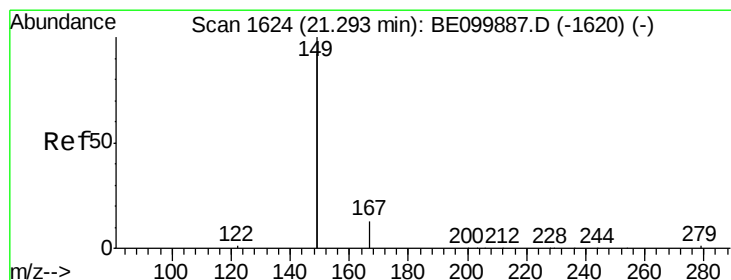
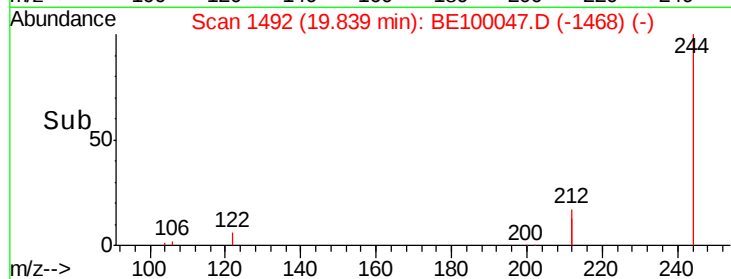
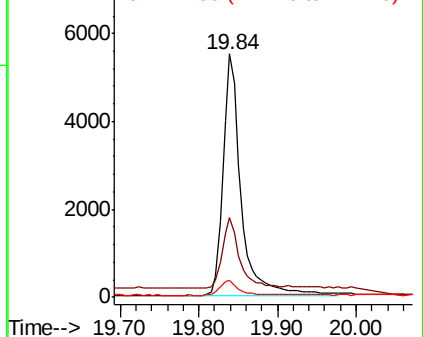
122 7.2 5.5 8.3



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: 0.052 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

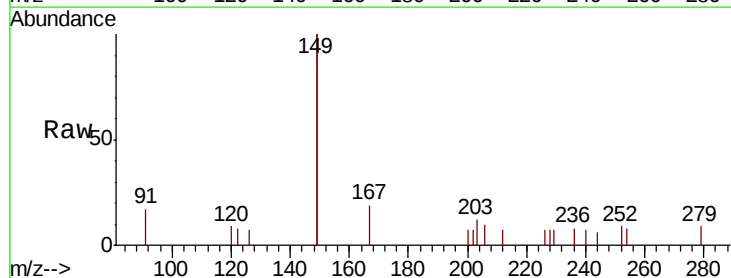
Tgt Ion:149 Resp: 1811

Ion Ratio Lower Upper

149 100

167 6.8 5.9 8.9

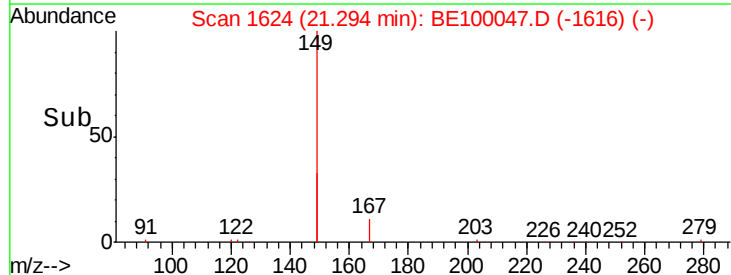
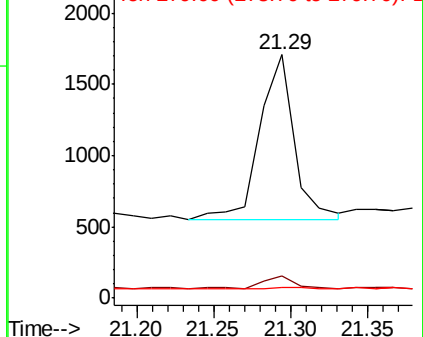
279 2.1 1.2 1.8#

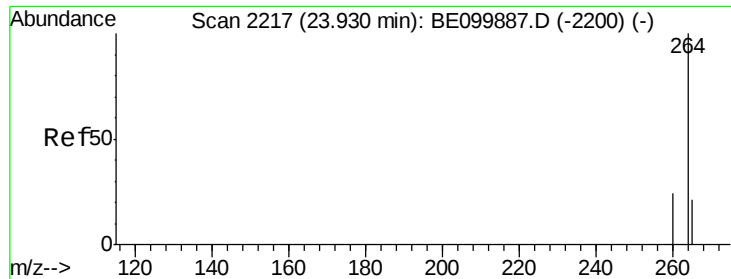


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2217

Delta R.T. 0.00 min

Lab File: BE100047.D

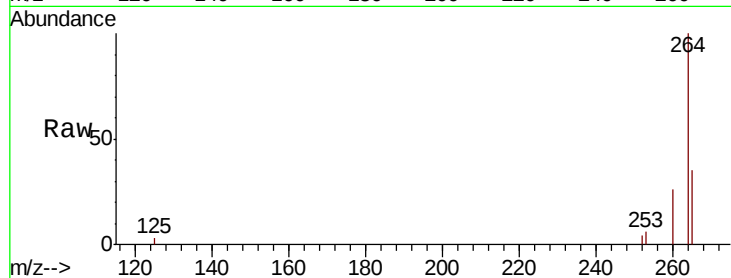
Acq: 15 Jun 2019 7:23

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610



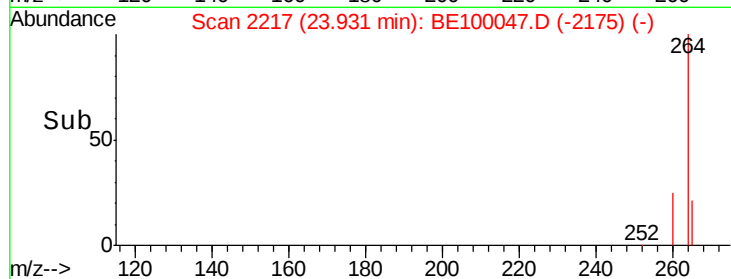
Tgt Ion: 264 Resp: 9075

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.2

265 35.2 22.0 33.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

