

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 01:13:36 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

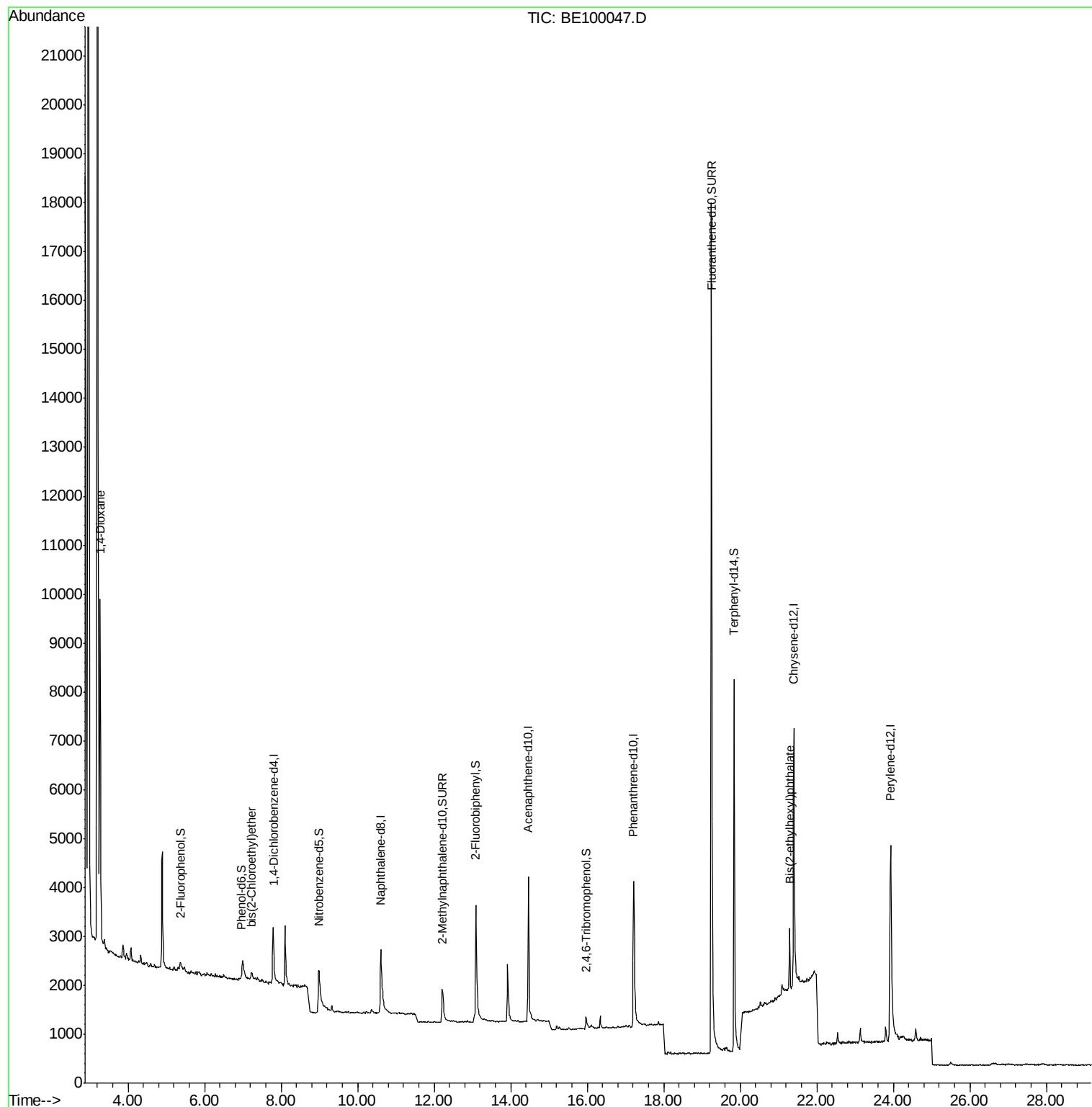
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	864	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2953	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2356	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	6505	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8144	0.40	ng	0.00
34) 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
6) bis(2-Chloroethyl)ether	7.22	93	142	0.058	ng	# 62
32) Bis(2-ethylhexyl)phthalate	21.29	149	1811	0.052	ng	# 98

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

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 01:13:36 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



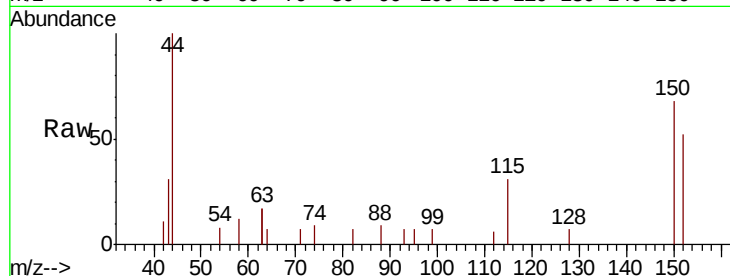


#1

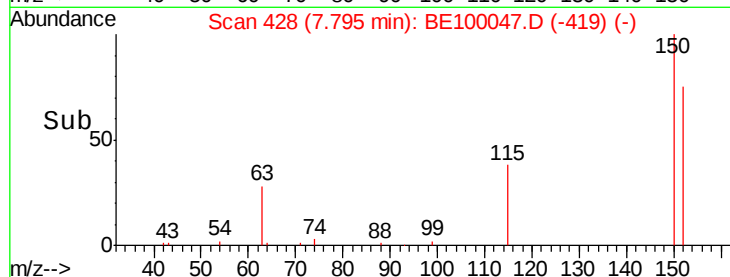
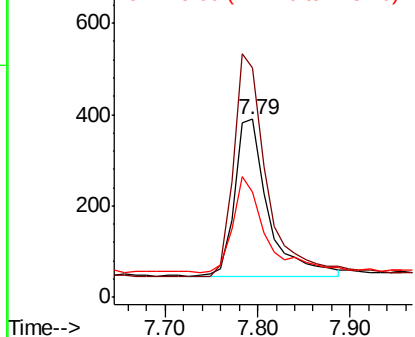
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BE100047.D
 Acq: 15 Jun 2019 7:23

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190610

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



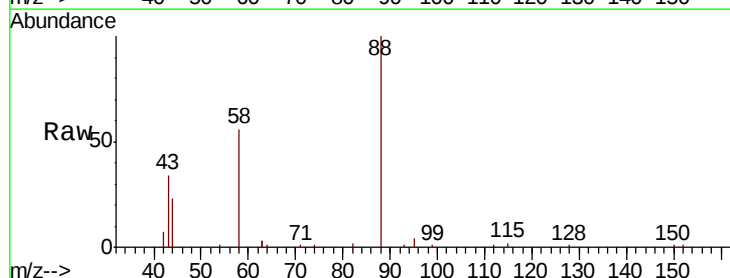
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



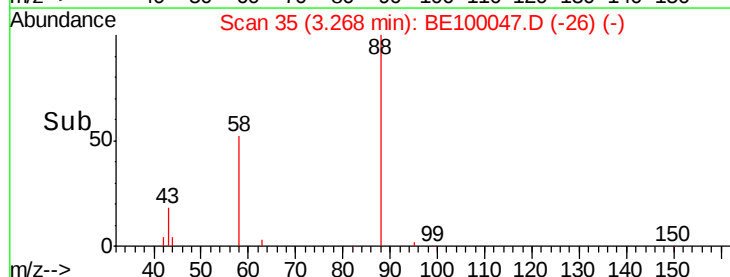
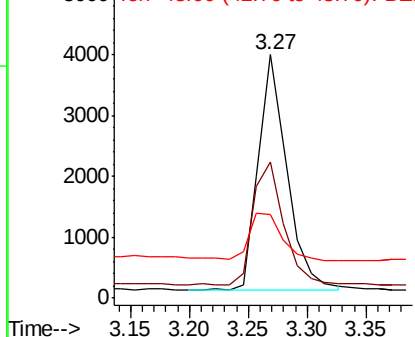
#2

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





#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

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610

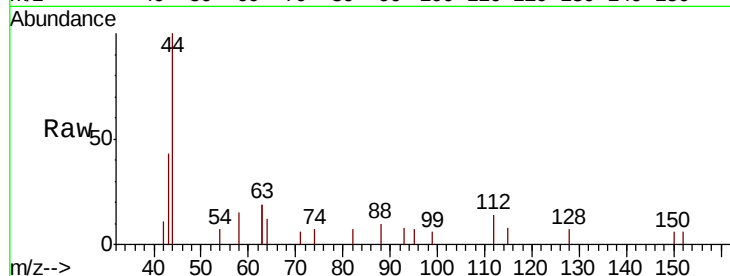
Tot Ion:112 Resp: 231

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): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

400

300

200

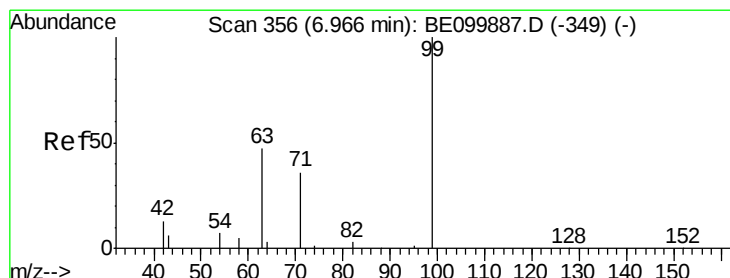
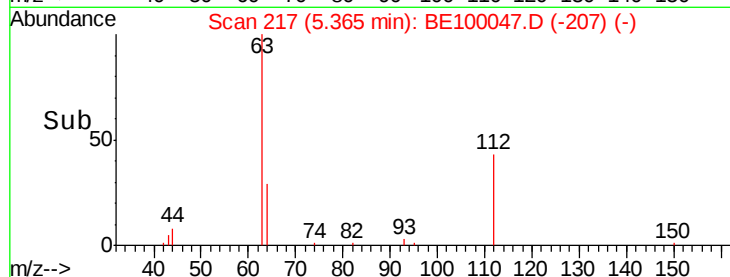
100

0

5.30 5.40 5.50

5.36

Time-->



#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

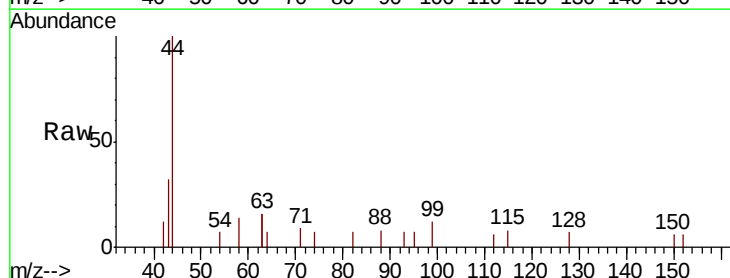
Tgt Ion: 99 Resp: 201

Ion Ratio Lower Upper

99 100

42 45.8 15.9 23.9#

71 42.8 34.6 52.0



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

120

100

80

60

40

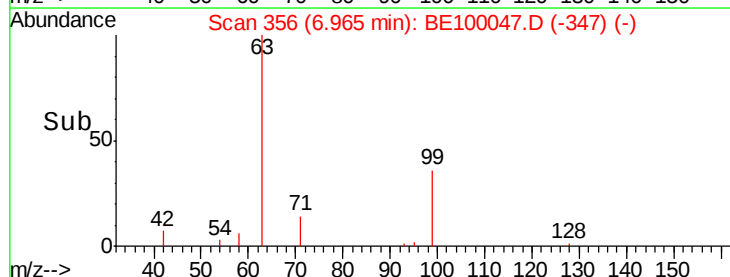
20

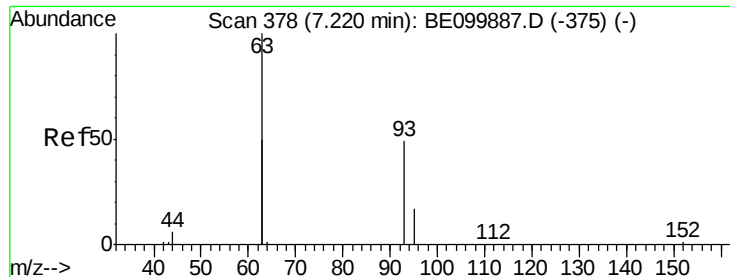
0

6.90 7.00 7.10 7.20

6.97

Time-->





#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

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610

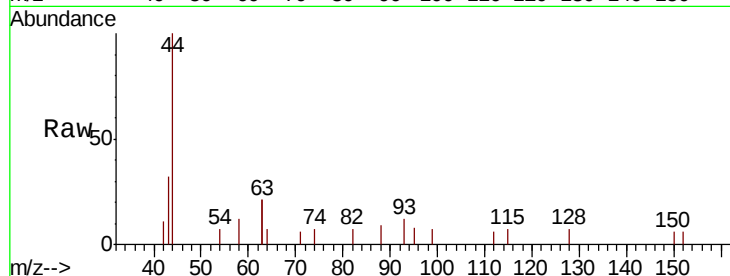
Tot Ion: 93 Resp: 142

Ion Ratio Lower Upper

93 100

63 181.7 202.8 304.2#

95 39.4 23.7 35.5#

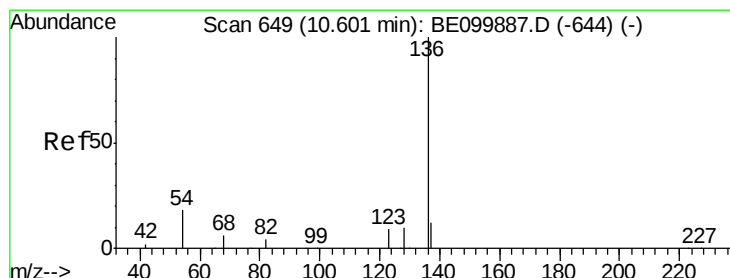
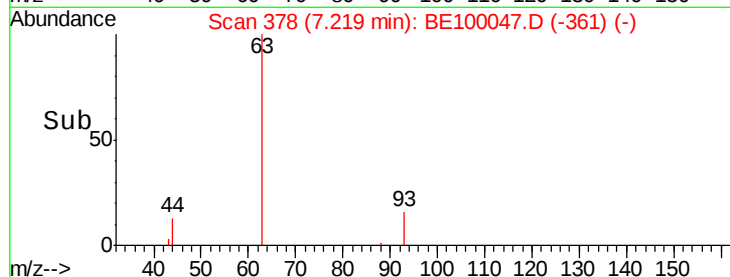
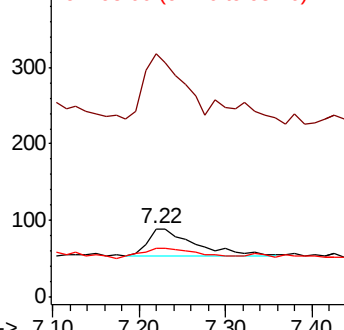


Abundance

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: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100047.D

Acq: 15 Jun 2019 7:23

Tgt Ion: 136 Resp: 2953

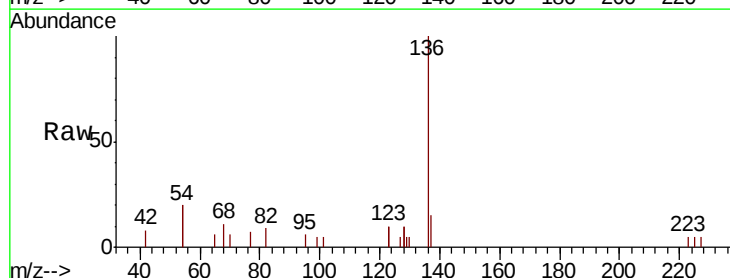
Ion Ratio Lower Upper

136 100

137 15.0 12.3 18.5

54 40.8 28.2 42.4

68 10.8 7.8 11.8



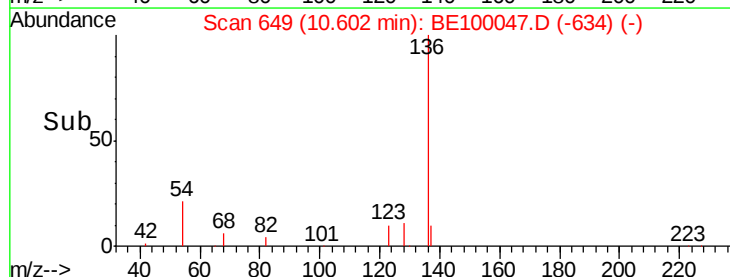
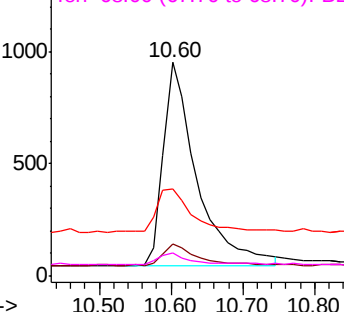
Abundance

Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

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

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610

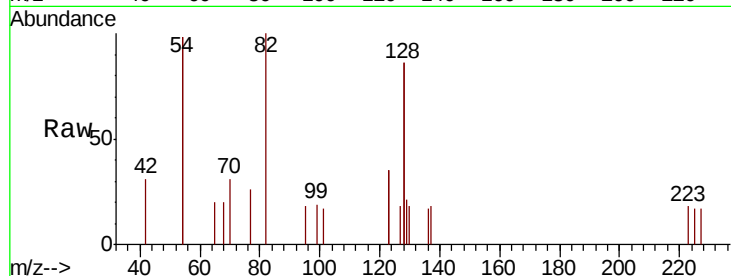
Tot Ion: 82 Resp: 1013

Ion Ratio Lower Upper

82 100

128 172.8 137.3 205.9

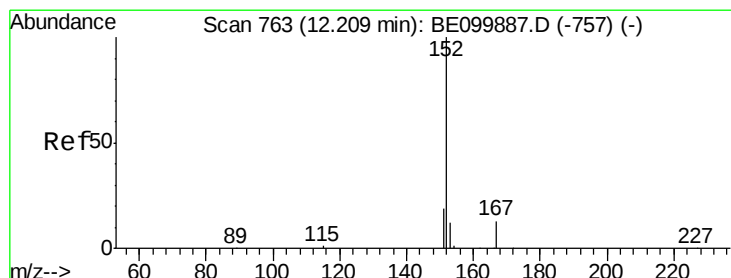
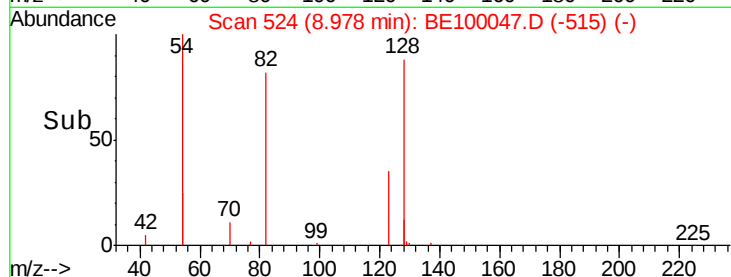
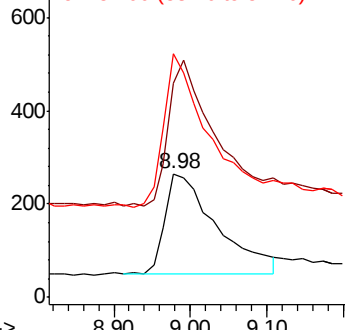
54 197.0 129.7 194.5#



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

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

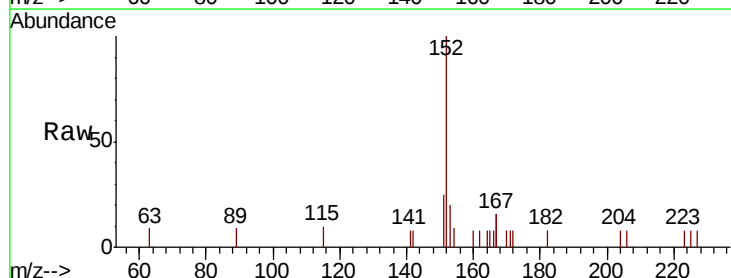
Acq: 15 Jun 2019 7:23

Tgt Ion: 152 Resp: 1795

Ion Ratio Lower Upper

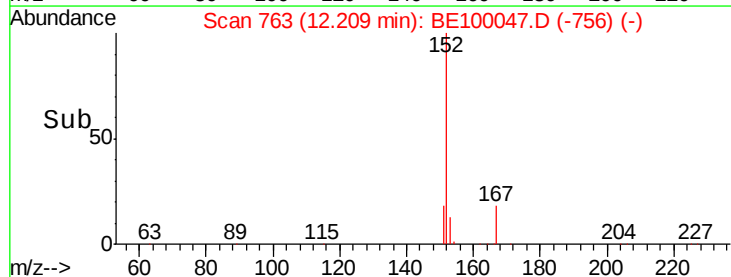
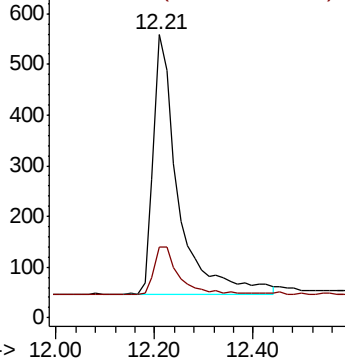
152 100

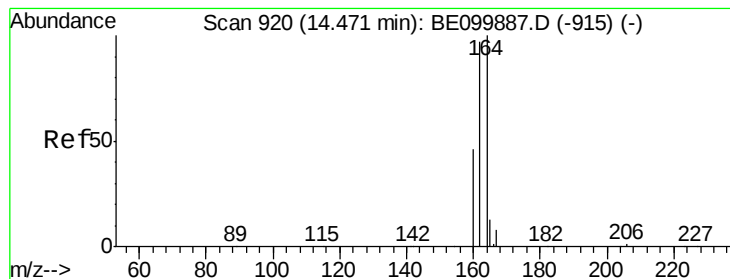
151 18.4 15.2 22.8



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

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610

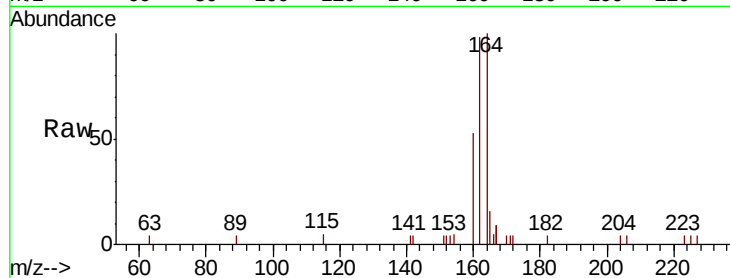
Tot Ion:164 Resp: 2356

Ion Ratio Lower Upper

164 100

162 98.4 77.8 116.8

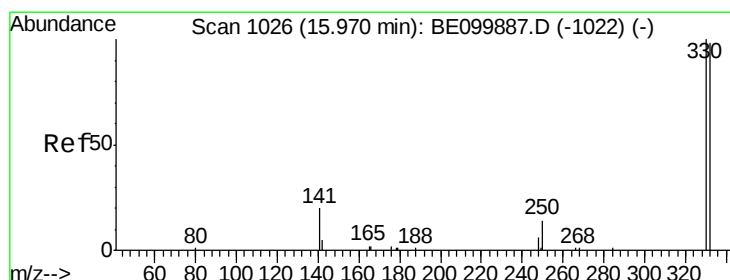
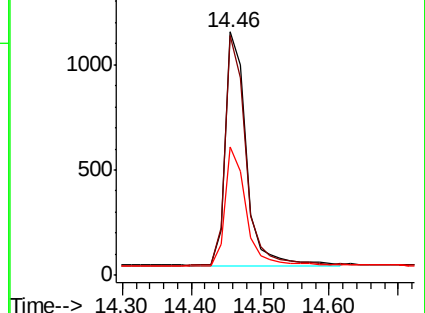
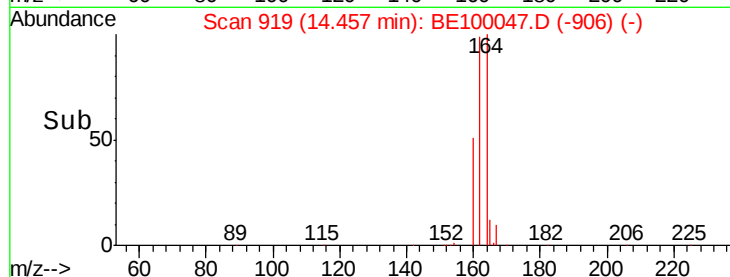
160 52.5 38.2 57.4



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

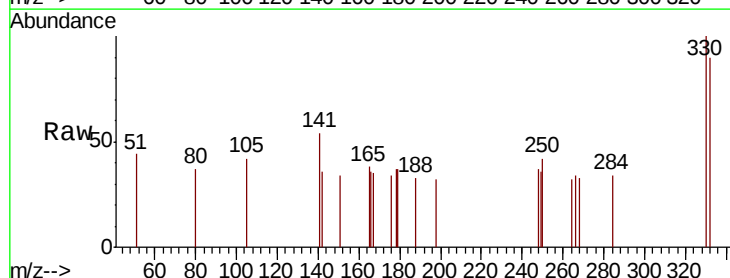
Tgt Ion:330 Resp: 297

Ion Ratio Lower Upper

330 100

332 102.7 76.7 115.1

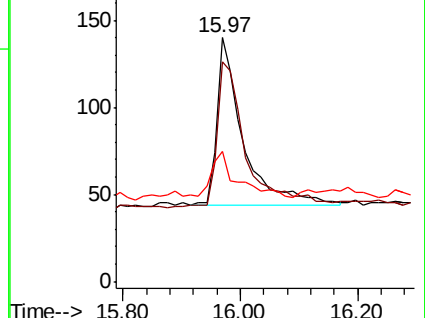
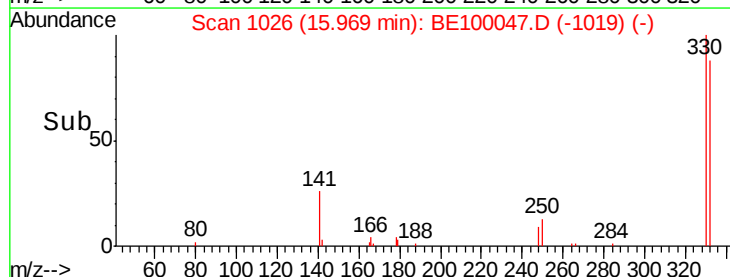
141 29.0 21.0 31.6

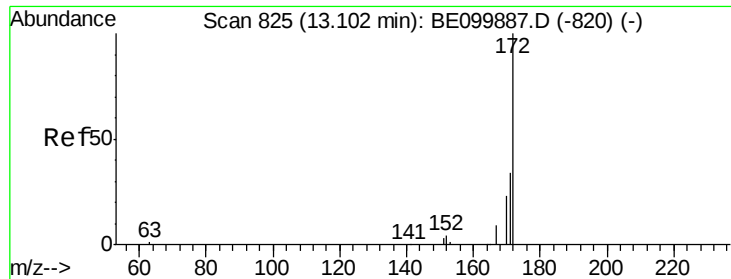


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

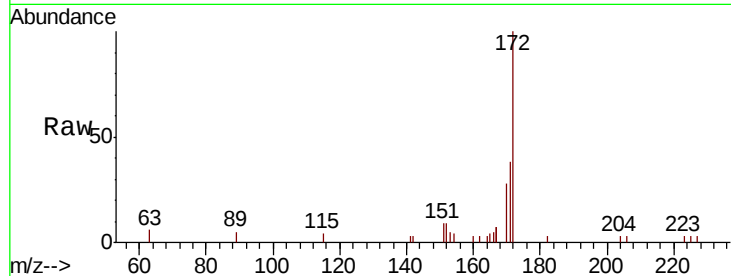




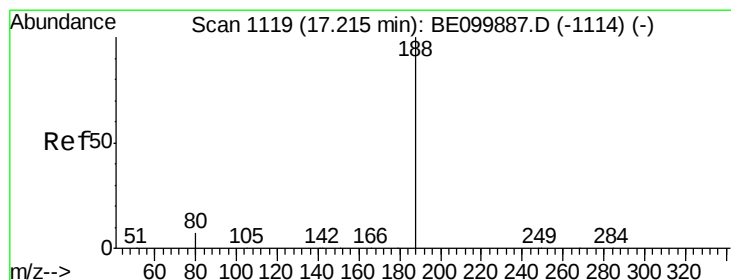
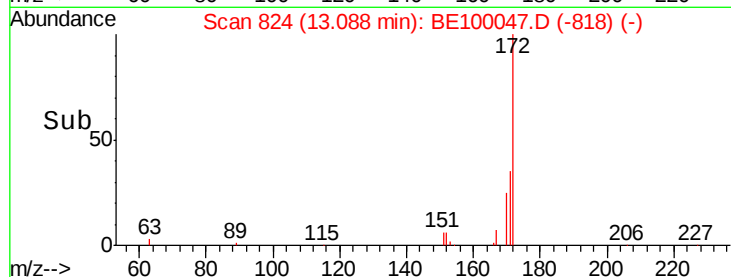
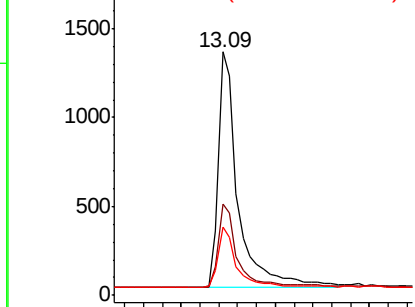
#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100047.D
Acq: 15 Jun 2019 7:23

Instrument :
BNA_E
ClientSampleId :
TT101D-20190610

Tot Ion:172 Resp: 3891
Ion Ratio Lower Upper
172 100
171 37.6 29.2 43.8
170 27.8 21.2 31.8

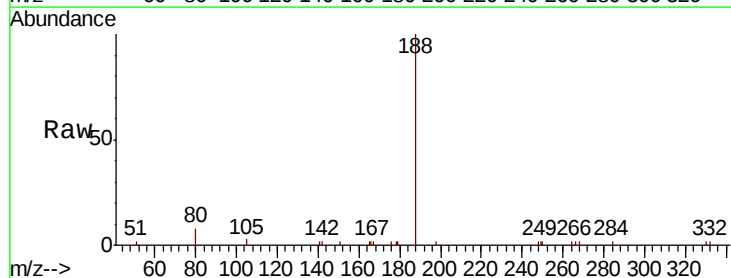


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

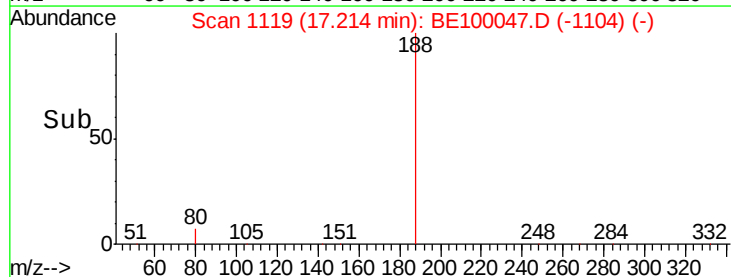
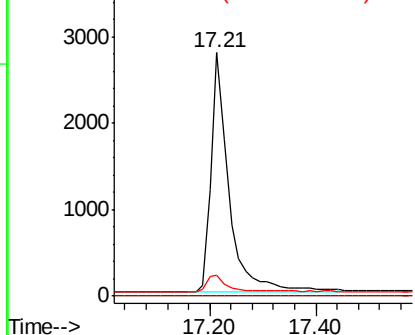


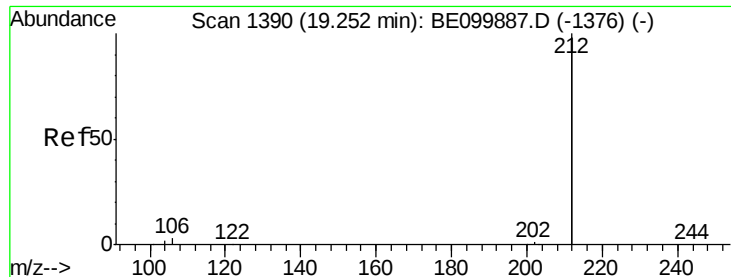
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100047.D
Acq: 15 Jun 2019 7:23

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





#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

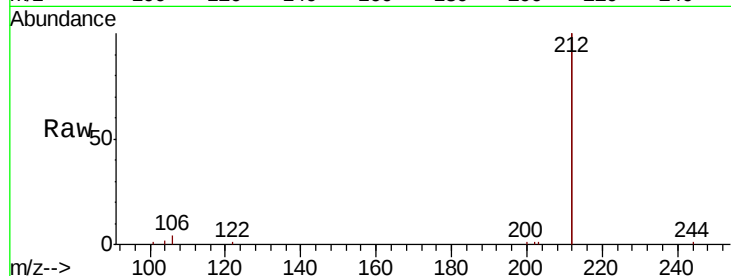
Tot Ion:212 Resp: 31310

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

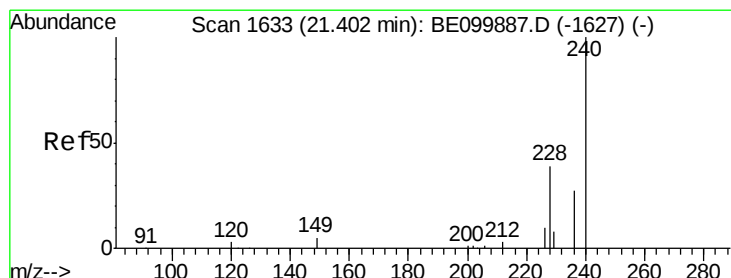
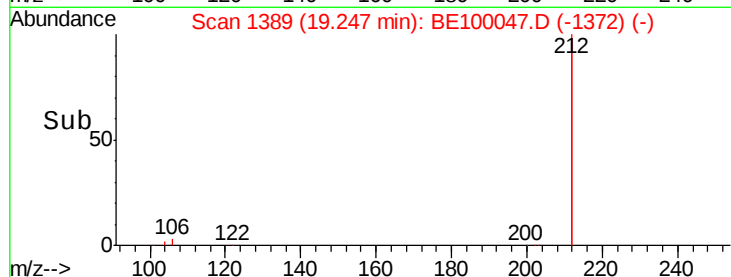
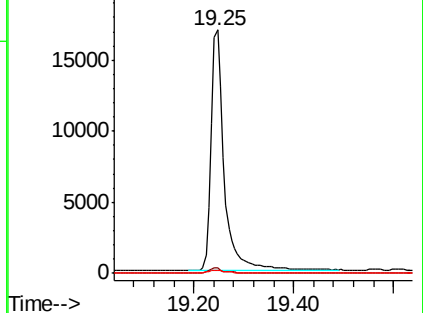
104 1.0 0.9 1.3



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: BE100047.D

Acq: 15 Jun 2019 7:23

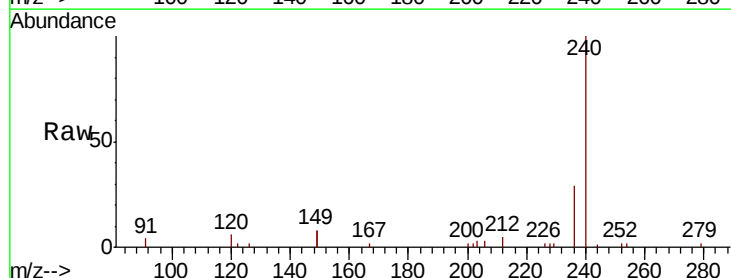
Tgt Ion:240 Resp: 8144

Ion Ratio Lower Upper

240 100

120 5.6 3.8 5.6

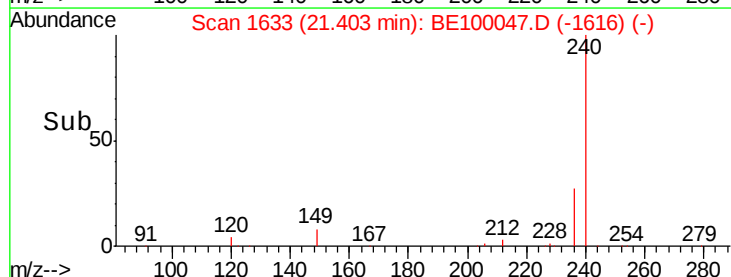
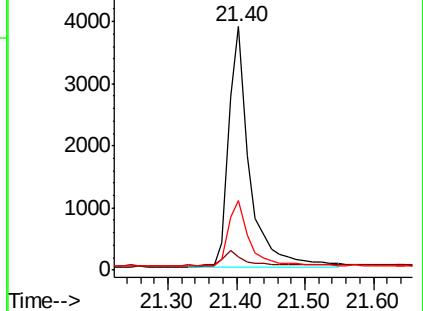
236 28.5 22.0 33.0

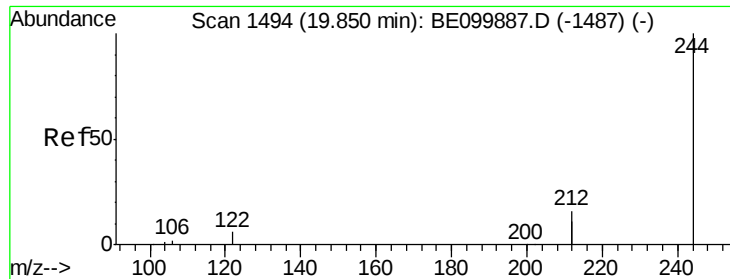


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.589 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

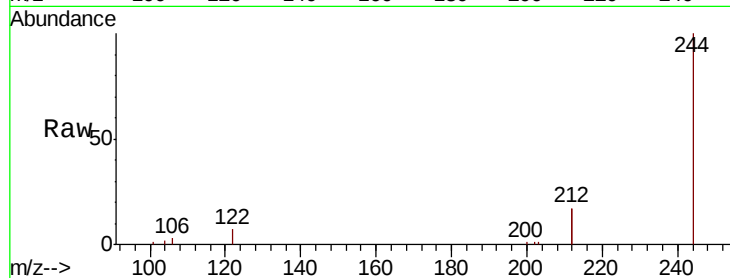
Tot Ion:244 Resp: 8635

Ion Ratio Lower Upper

244 100

212 33.0 25.7 38.5

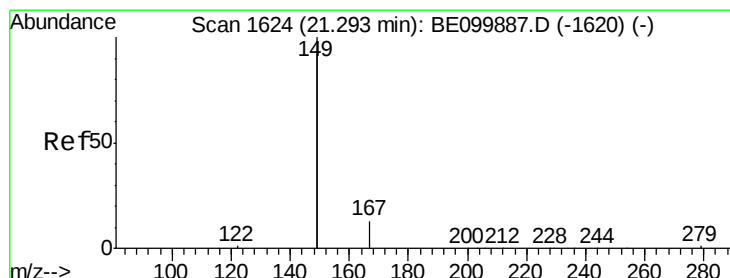
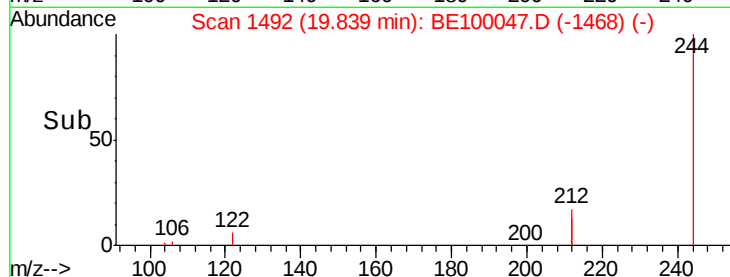
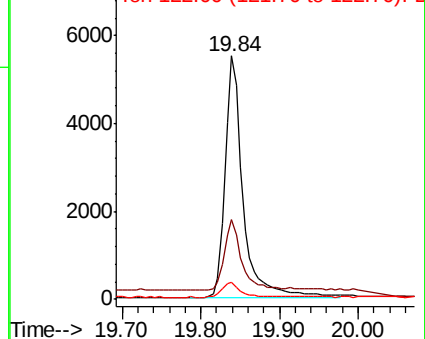
122 7.2 5.5 8.3



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

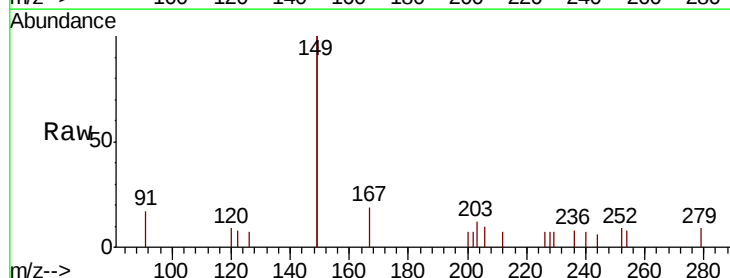
Tgt Ion:149 Resp: 1811

Ion Ratio Lower Upper

149 100

167 6.8 5.9 8.9

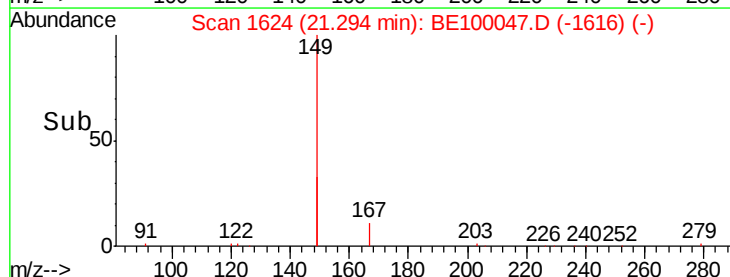
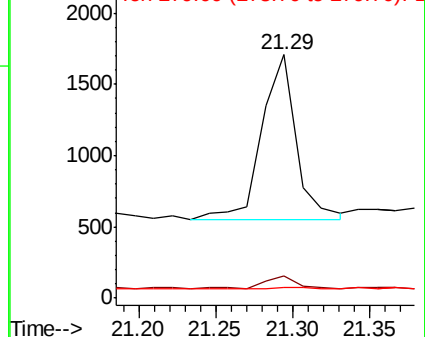
279 2.1 1.2 1.8#

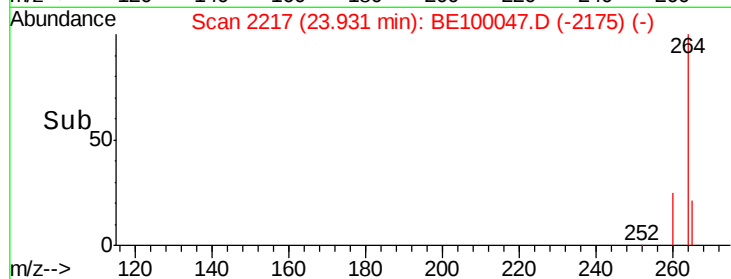
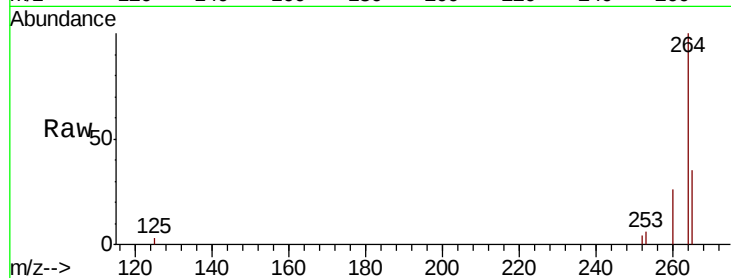


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-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

Tot Ion:264 Resp: 9075

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.2

265 35.2 22.0 33.0#

