

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100053.D
 Acq On : 15 Jun 2019 10:58
 Operator : JU/SJ
 Sample : K3315-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D2-20190610

Quant Time: Jun 17 01:11:26 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

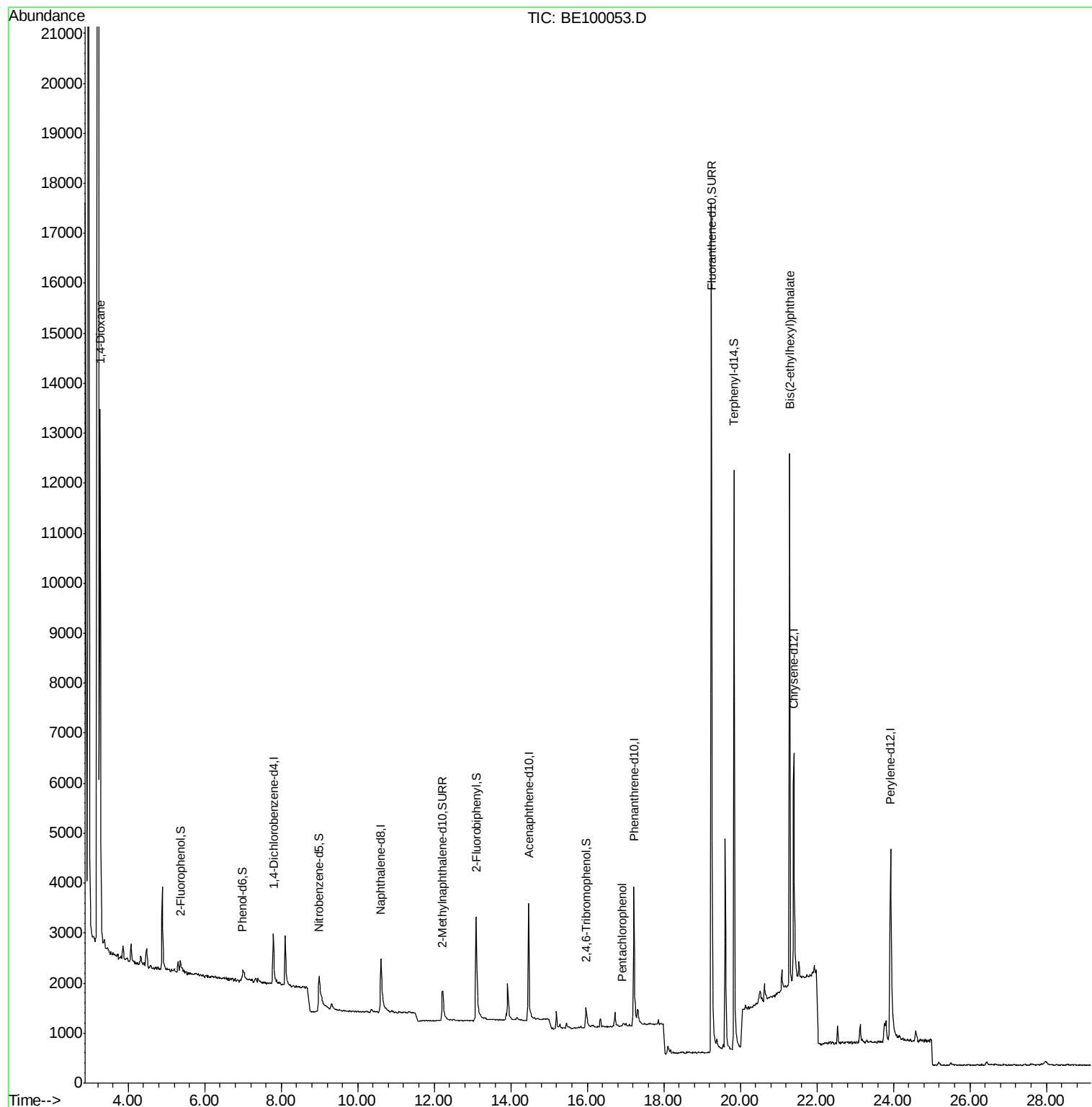
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	723	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2547	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2003	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5536	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7383	0.40	ng	0.00
34) Perylene-d12	23.93	264	7999	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	318	0.16	ng	0.00
5) Phenol-d6	6.97	99	249	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	842	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	1595	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	508	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3812	0.50	ng	0.00
25) Fluoranthene-d10	19.25	212	29665	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	12361	0.93	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	9383	8.769	ng	Qvalue 94
22) Pentachlorophenol	16.91	266	13	0.308	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.29	149	14497	0.458	ng	99

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

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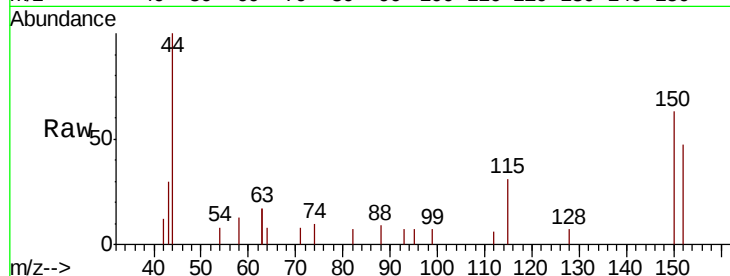


#1

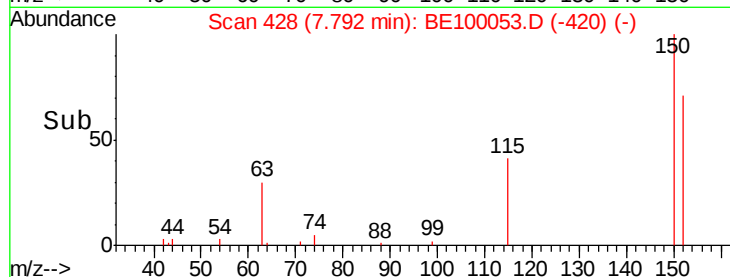
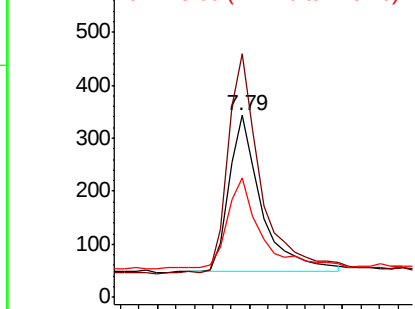
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100053.D
Acq: 15 Jun 2019 10:58

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190610

Tgt Ion:152 Resp: 723
Ion Ratio Lower Upper
152 100
150 133.8 111.0 166.6
115 65.6 50.7 76.1



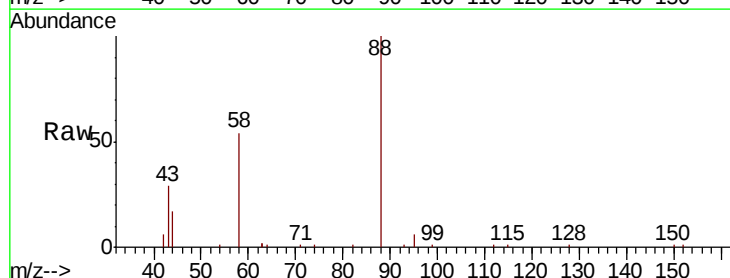
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



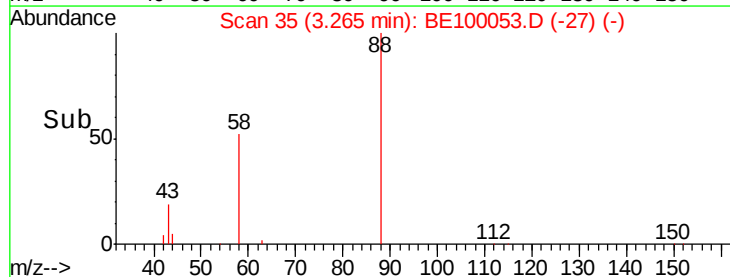
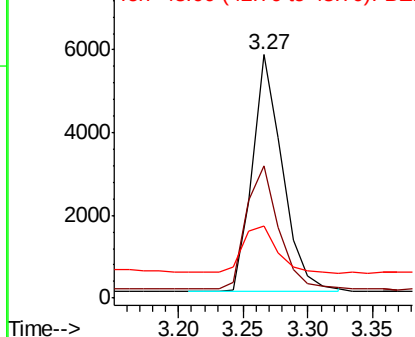
#2

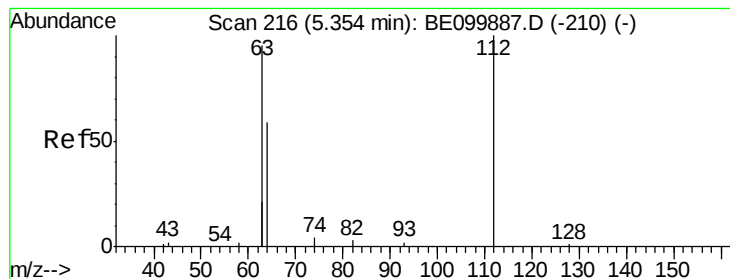
1,4-Dioxane
Concen: 8.769 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100053.D
Acq: 15 Jun 2019 10:58

Tgt Ion: 88 Resp: 9383
Ion Ratio Lower Upper
88 100
58 55.1 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: 0.163 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100053.D

Acq: 15 Jun 2019 10:58

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190610

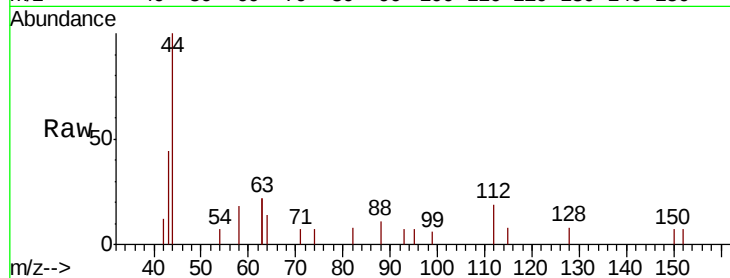
Tgt Ion: 112 Resp: 318

Ion Ratio Lower Upper

112 100

64 54.7 44.1 66.1

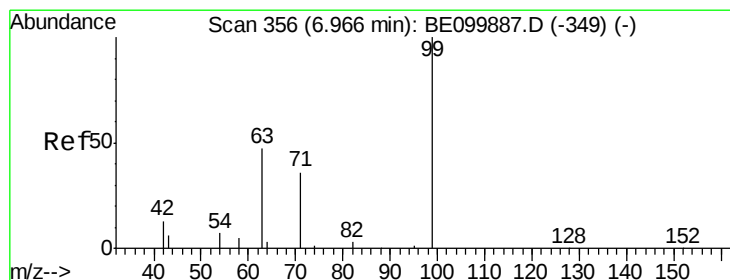
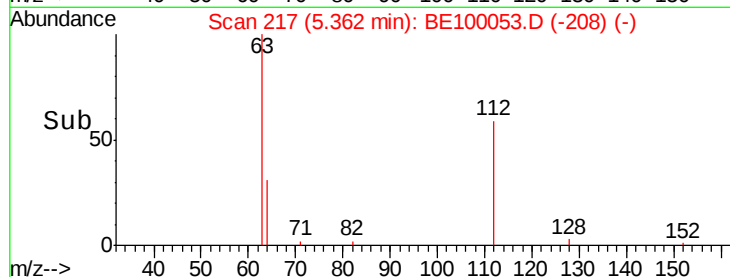
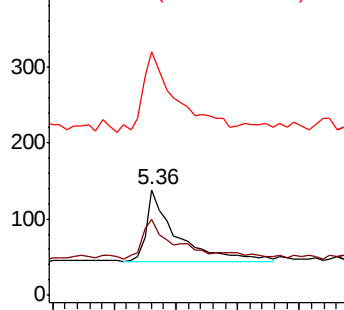
63 127.0 87.8 131.6



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



#5

Phenol-d6

Concen: 0.099 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100053.D

Acq: 15 Jun 2019 10:58

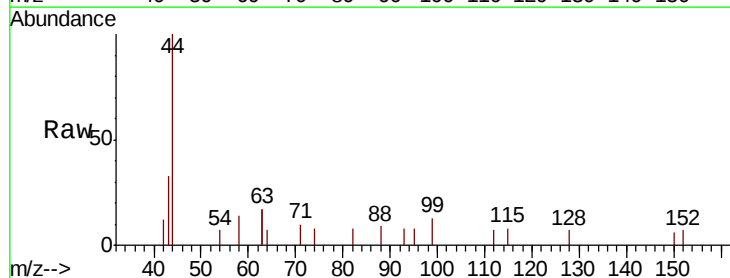
Tgt Ion: 99 Resp: 249

Ion Ratio Lower Upper

99 100

42 15.3 15.9 23.9#

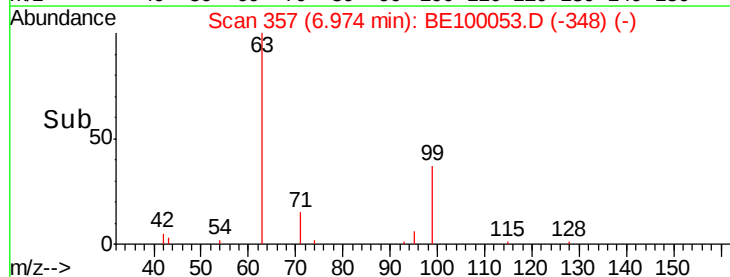
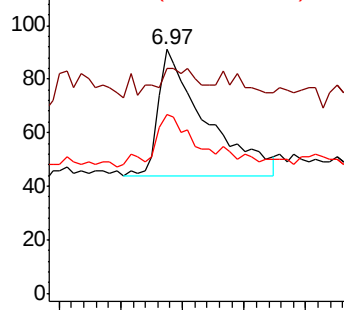
71 26.9 34.6 52.0#



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100053.D

Acq: 15 Jun 2019 10:58

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190610

Tgt Ion: 136 Resp: 2547

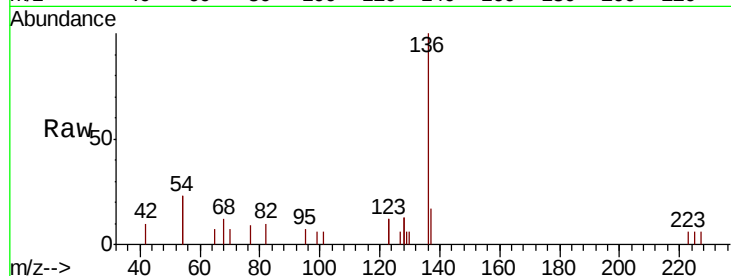
Ion Ratio Lower Upper

136 100

137 17.0 12.3 18.5

54 46.6 28.2 42.4#

68 12.2 7.8 11.8#

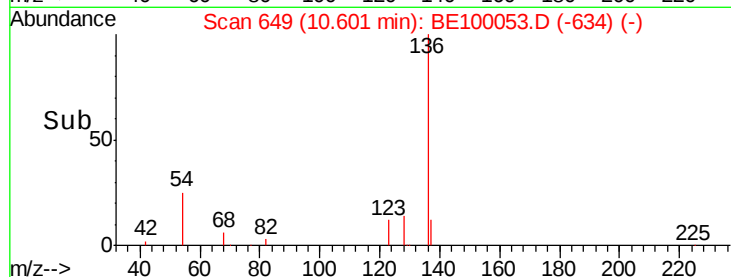
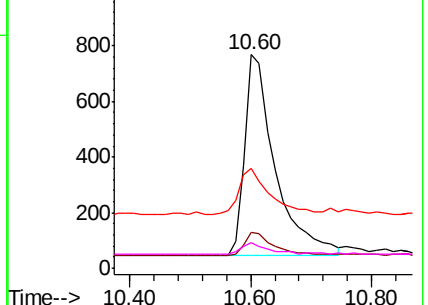


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.349 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE100053.D

Acq: 15 Jun 2019 10:58

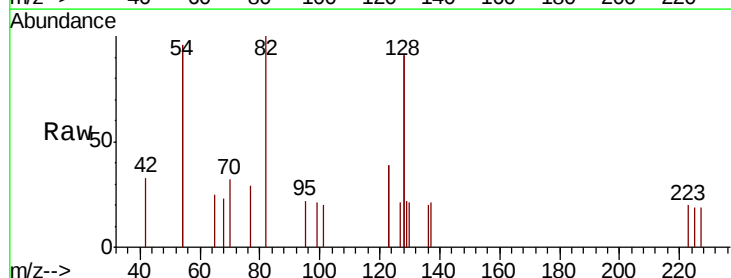
Tgt Ion: 82 Resp: 842

Ion Ratio Lower Upper

82 100

128 181.1 137.3 205.9

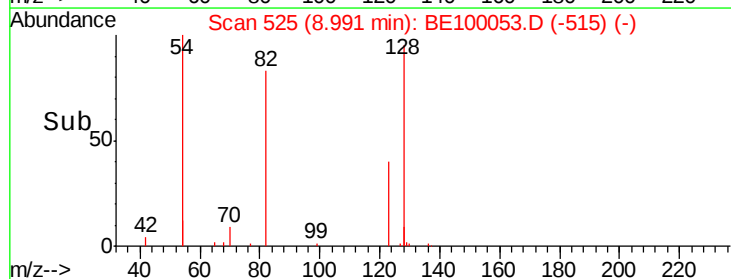
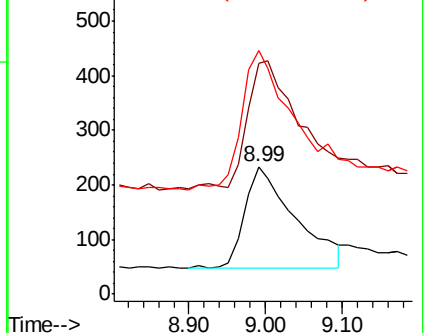
54 191.4 129.7 194.5

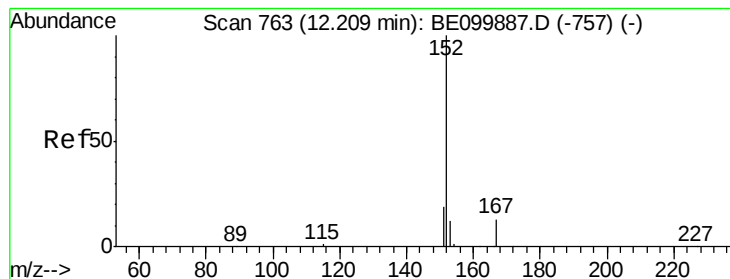


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100053.D

Acq: 15 Jun 2019 10:58

Instrument :

BNA_E

ClientSampleId :

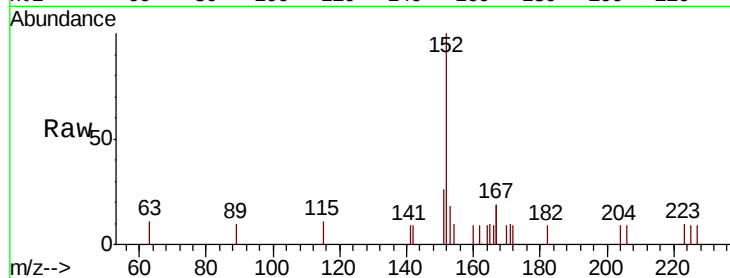
RE125D2-20190610

Tgt Ion:152 Resp: 1595

Ion Ratio Lower Upper

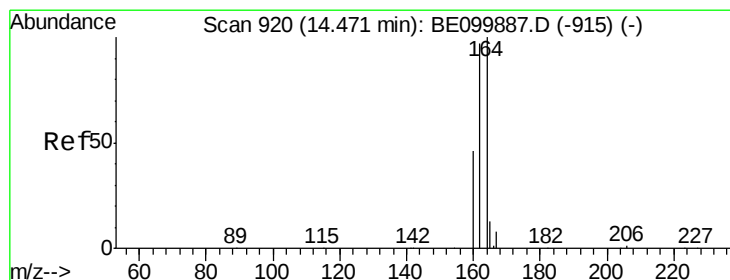
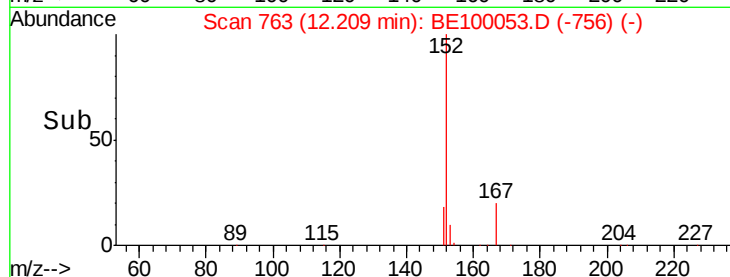
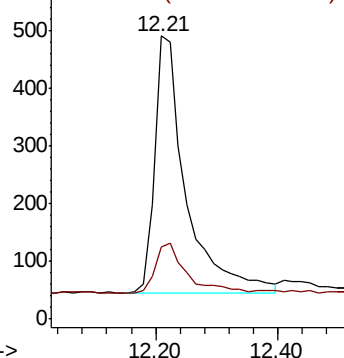
152 100

151 18.7 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: BE100053.D

Acq: 15 Jun 2019 10:58

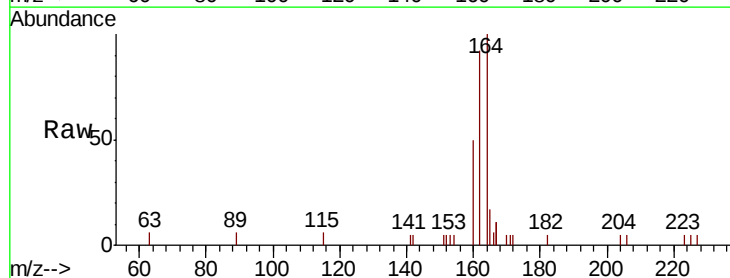
Tgt Ion:164 Resp: 2003

Ion Ratio Lower Upper

164 100

162 92.3 77.8 116.8

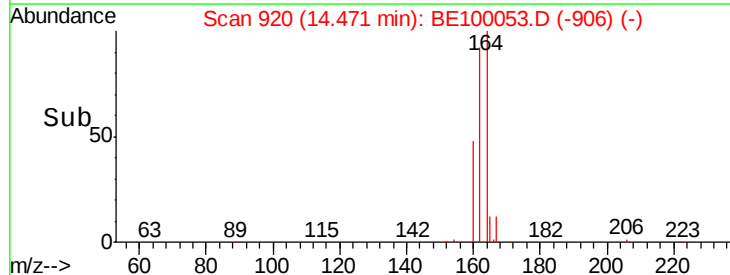
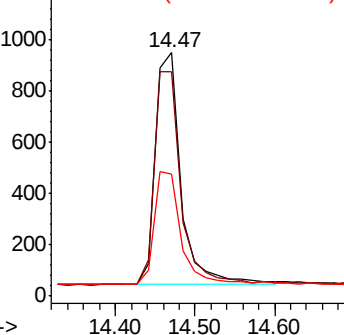
160 50.1 38.2 57.4

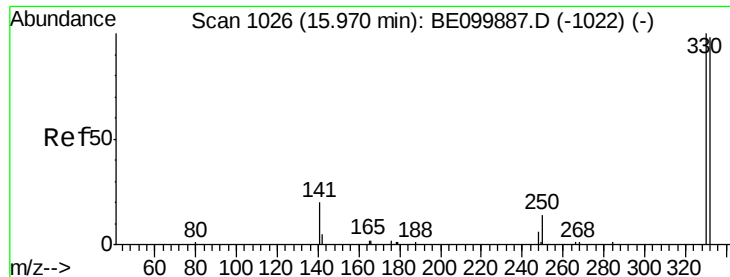


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.343 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE100053.D

Acq: 15 Jun 2019 10:58

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190610

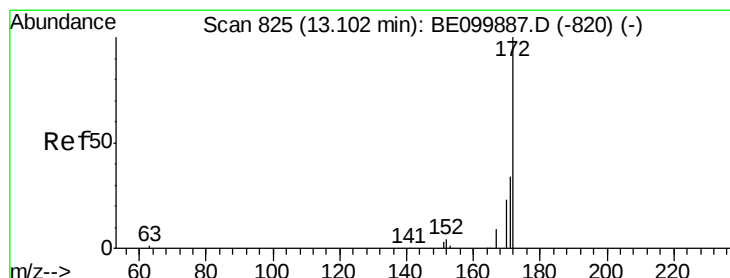
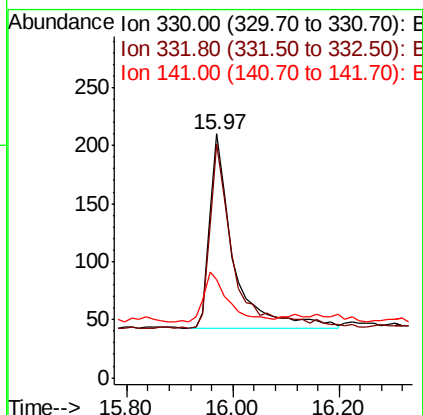
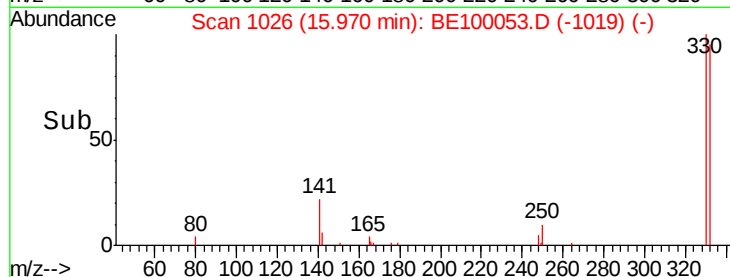
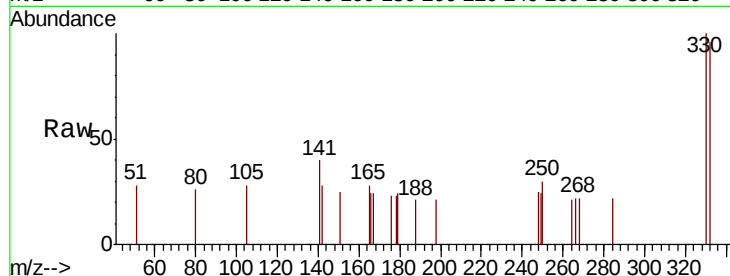
Tgt Ion:330 Resp: 508

Ion Ratio Lower Upper

330 100

332 94.5 76.7 115.1

141 27.0 21.0 31.6



#15

2-Fluorobiphenyl

Concen: 0.502 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE100053.D

Acq: 15 Jun 2019 10:58

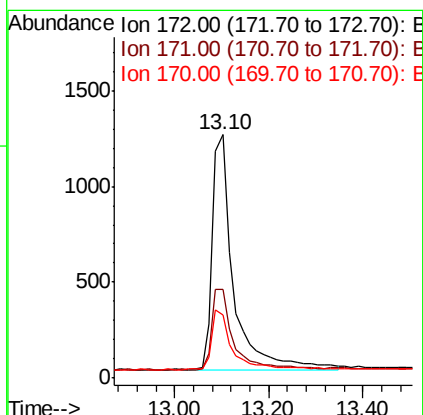
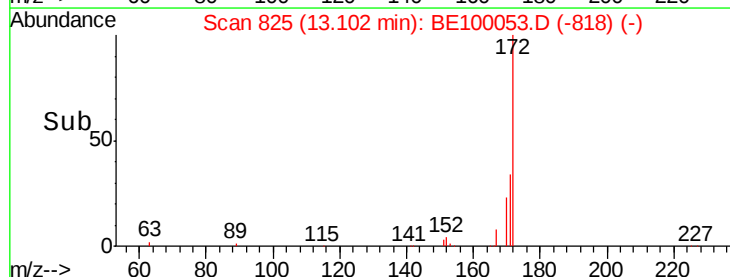
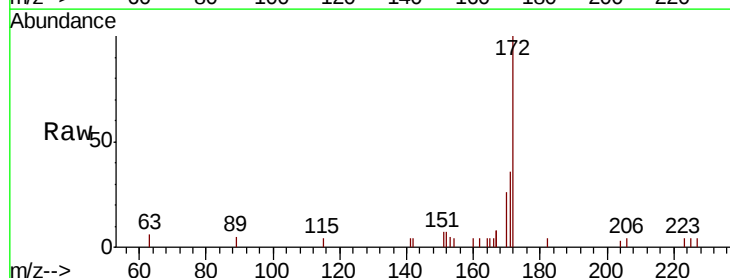
Tgt Ion:172 Resp: 3812

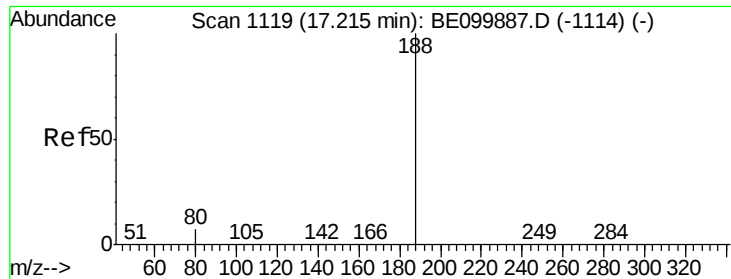
Ion Ratio Lower Upper

172 100

171 36.5 29.2 43.8

170 25.8 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100053.D

Acq: 15 Jun 2019 10:58

Instrument :

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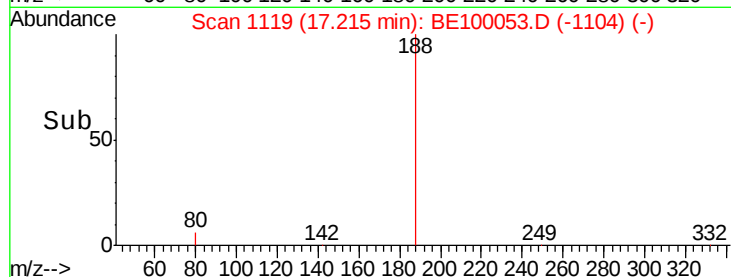
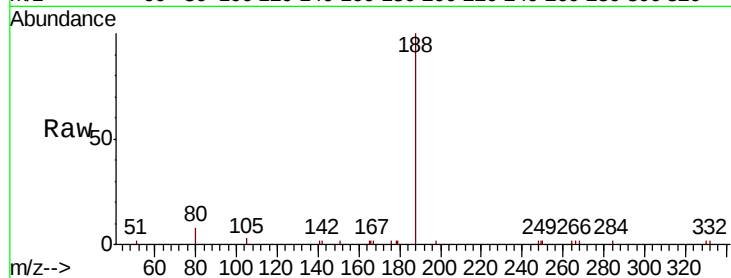
Tgt Ion:188 Resp: 5536

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

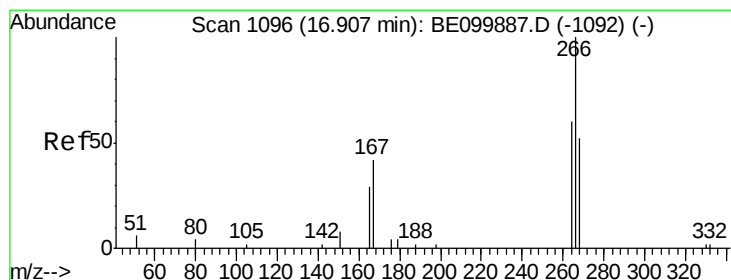
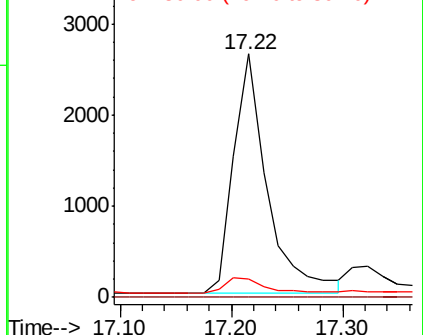
80 7.7 6.4 9.6



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: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE100053.D

Acq: 15 Jun 2019 10:58

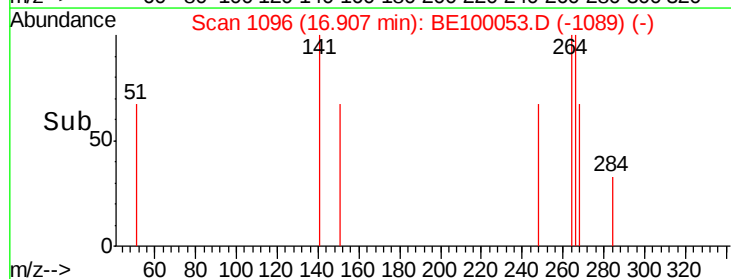
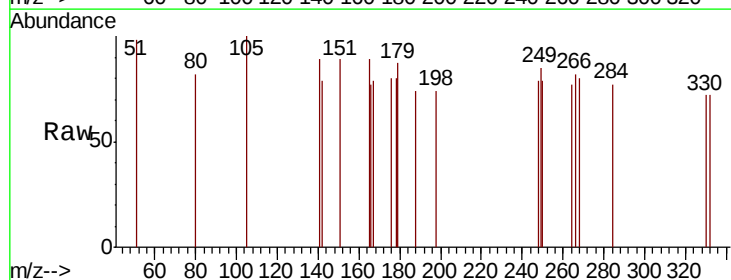
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 94.0 62.2 93.2#

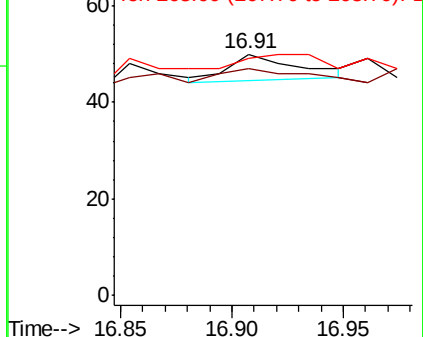
268 98.0 65.5 98.3

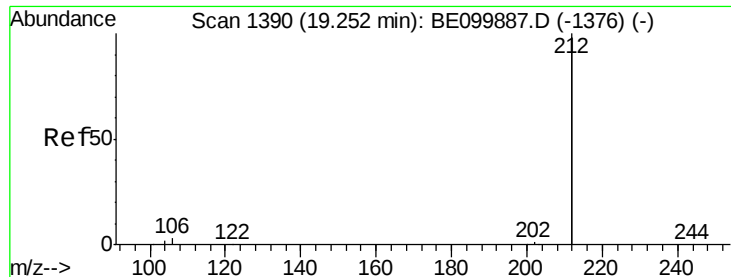


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE100053.D

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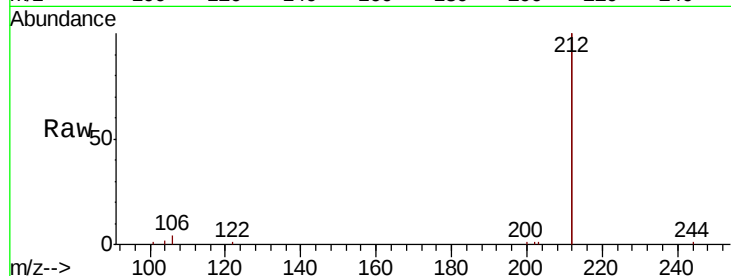
Tgt Ion:212 Resp: 29665

Ion Ratio Lower Upper

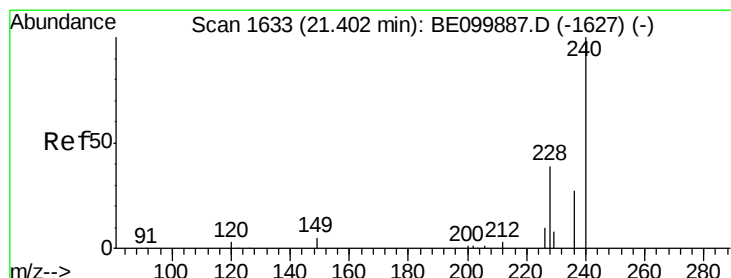
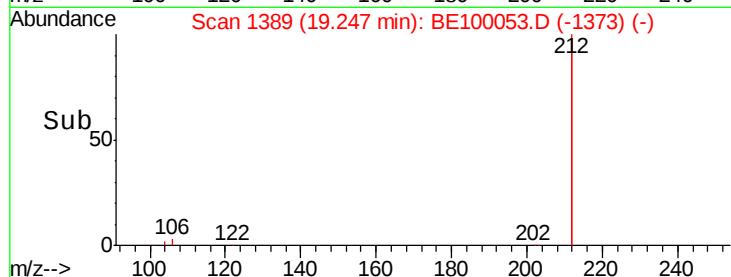
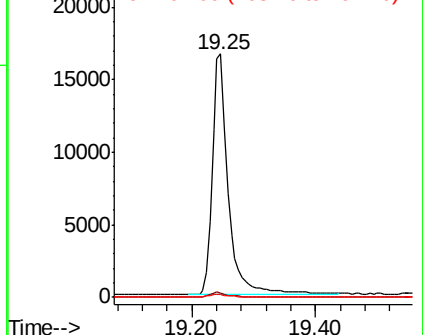
212 100

106 1.9 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: BE100053.D

Acq: 15 Jun 2019 10:58

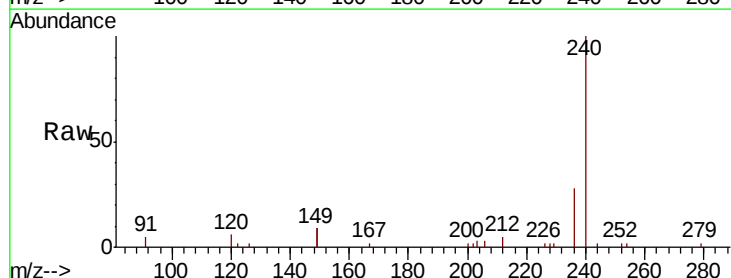
Tgt Ion:240 Resp: 7383

Ion Ratio Lower Upper

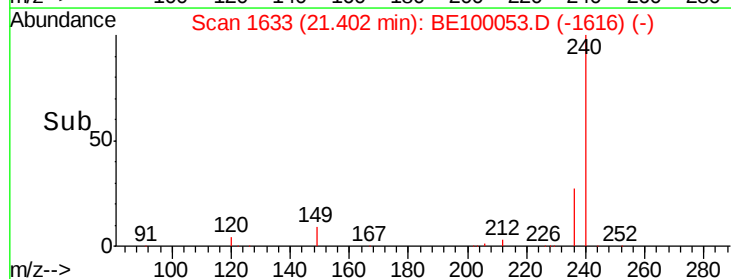
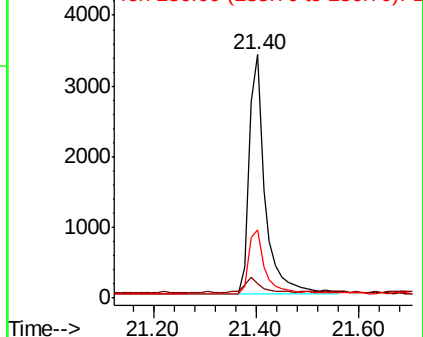
240 100

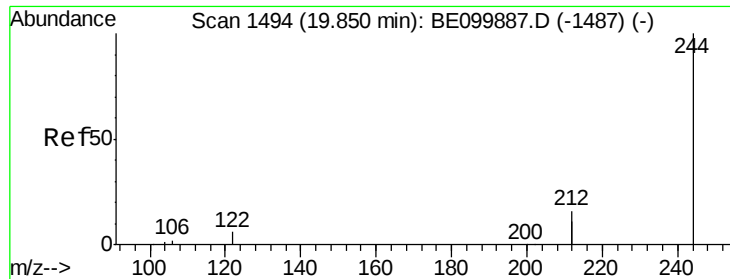
120 5.9 3.8 5.6#

236 28.2 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: 0.930 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100053.D

Acq: 15 Jun 2019 10:58

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190610

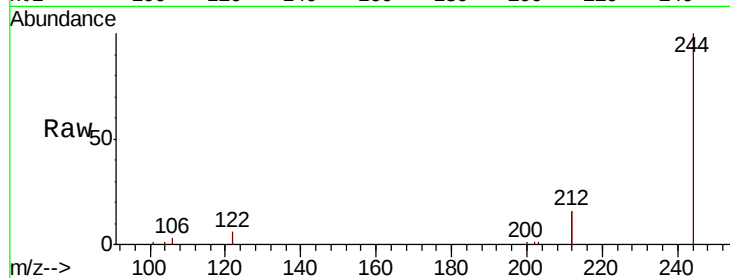
Tgt Ion:244 Resp: 12361

Ion Ratio Lower Upper

244 100

212 31.8 25.7 38.5

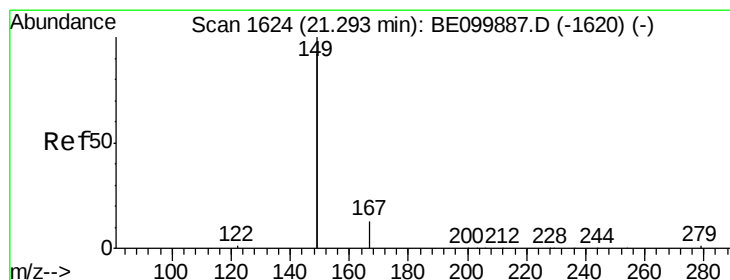
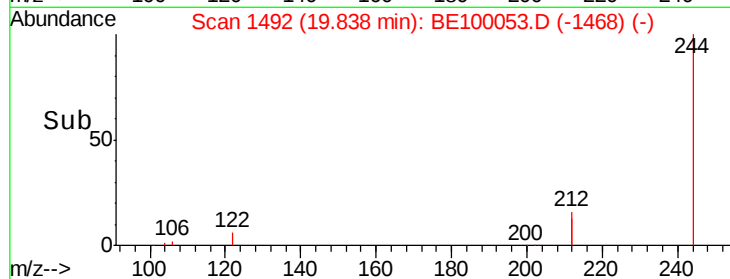
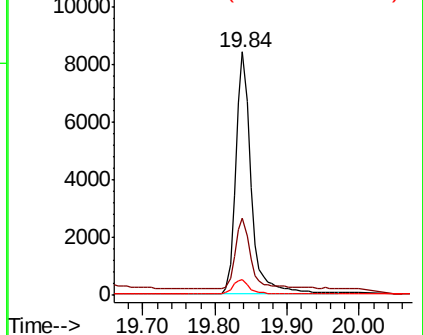
122 6.3 5.5 8.3



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: 0.458 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100053.D

Acq: 15 Jun 2019 10:58

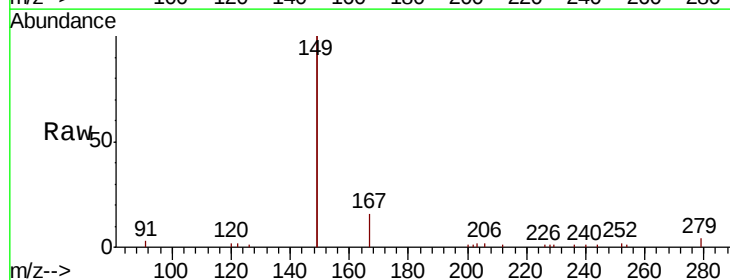
Tgt Ion:149 Resp: 14497

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

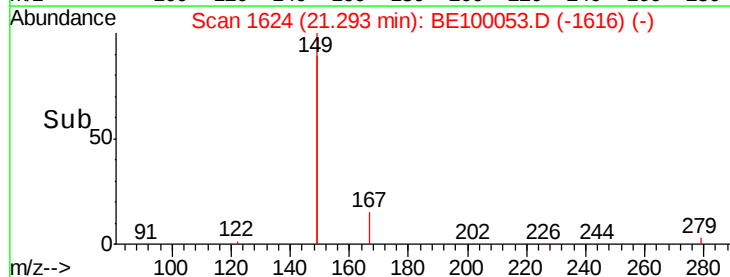
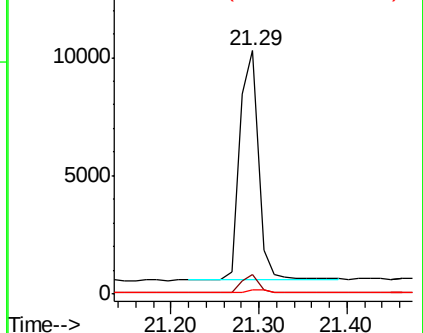
279 1.3 1.2 1.8



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# 2216
Delta R.T. -0.00 min
Lab File: BE100053.D
Acq: 15 Jun 2019 10:58

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190610

Tgt Ion: 264 Resp: 7999
Ion Ratio Lower Upper
264 100
260 27.1 20.2 30.2
265 34.7 22.0 33.0#

