

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100054.D
 Acq On : 15 Jun 2019 11:33
 Operator : JU/SJ
 Sample : K3315-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D3-20190610

Quant Time: Jun 17 01:11:35 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

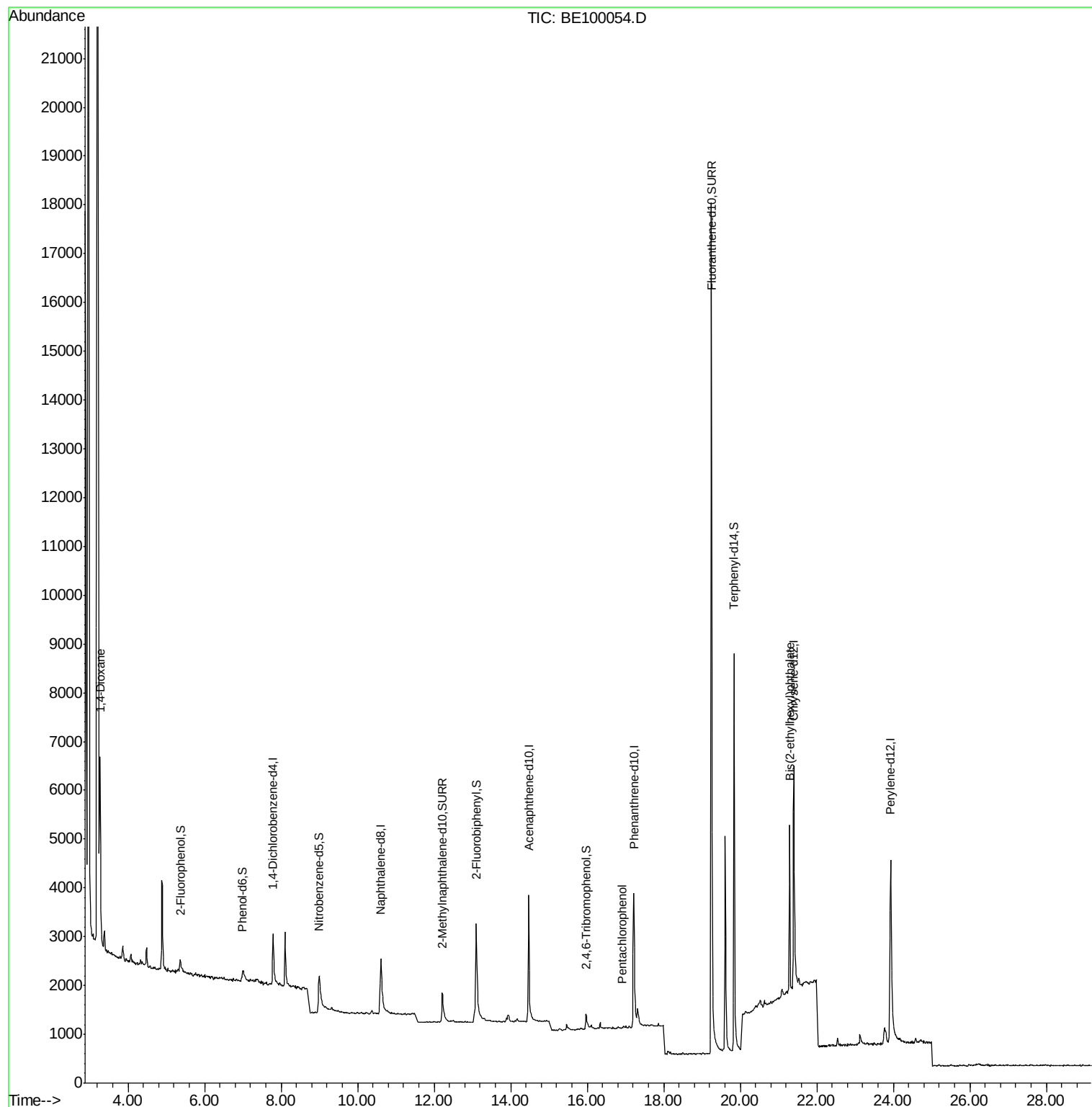
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	796	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2681	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2160	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5831	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7742	0.40	ng	0.00
34) Perylene-d12	23.93	264	8282	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	326	0.15	ng	0.01
5) Phenol-d6	6.98	99	272	0.10	ng	0.01
8) Nitrobenzene-d5	8.99	82	932	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	1689	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	421	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3761	0.46	ng	0.00
25) Fluoranthene-d10	19.25	212	31180	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	9186	0.66	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	3526	2.993	ng	Qvalue 94
22) Pentachlorophenol	16.92	266	18	0.311	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.29	149	4824	0.145	ng	98

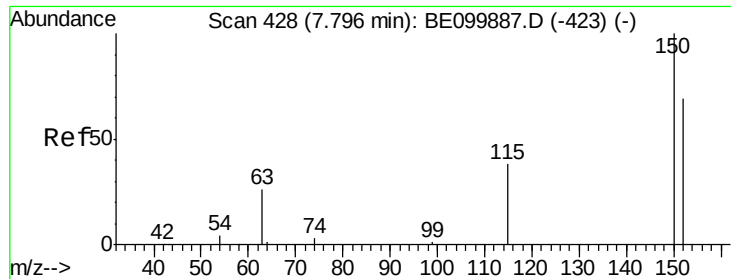
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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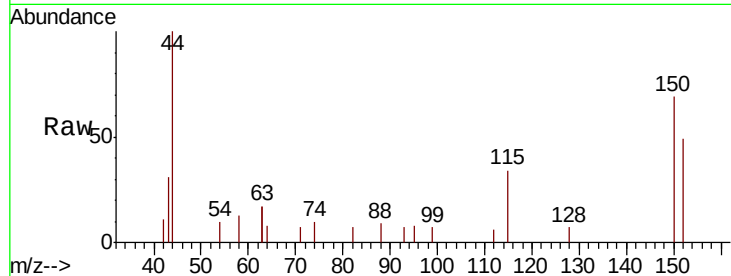


#1

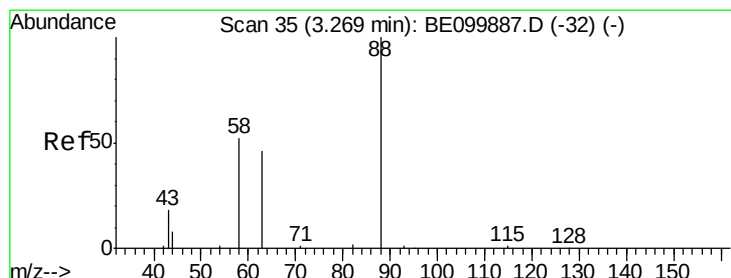
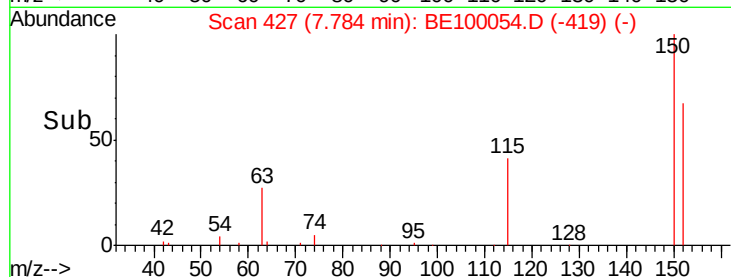
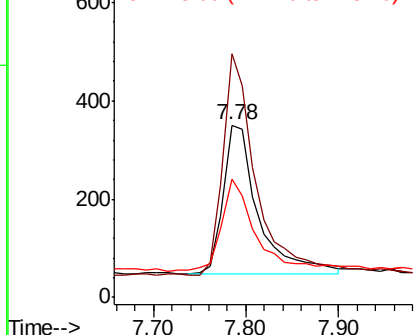
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Instrument :
BNA_E
ClientSampleId :
RE125D3-20190610

Tgt Ion: 152 Resp: 796
Ion Ratio Lower Upper
152 100
150 141.3 111.0 166.6
115 68.4 50.7 76.1



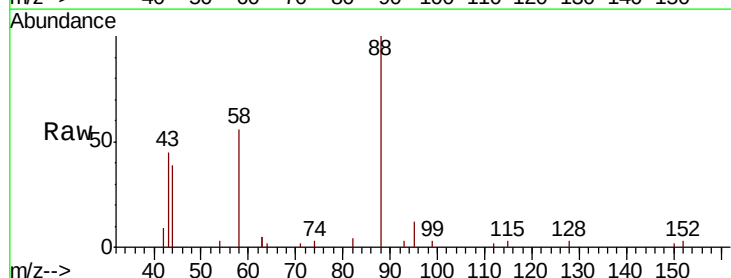
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



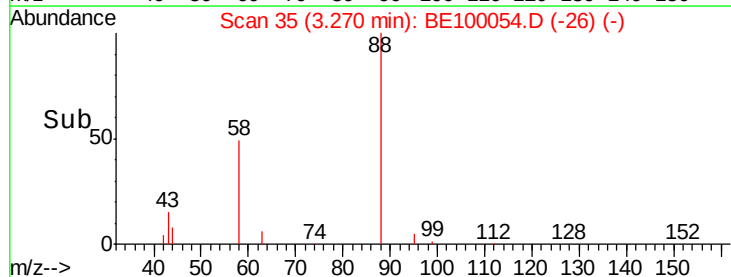
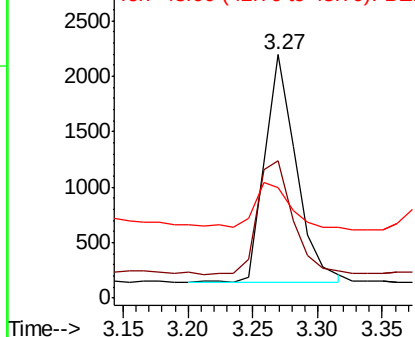
#2

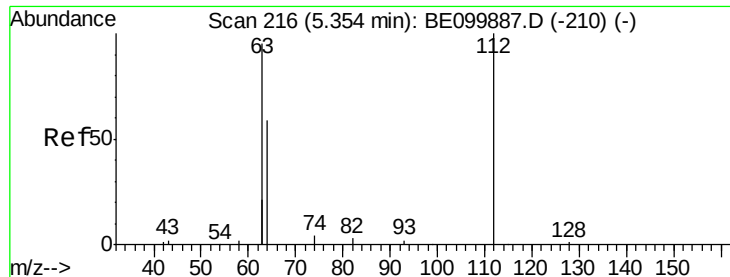
1,4-Dioxane
Concen: 2.993 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.00 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Tgt Ion: 88 Resp: 3526
Ion Ratio Lower Upper
88 100
58 56.6 48.8 73.2
43 21.0 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: 0.152 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100054.D

Acq: 15 Jun 2019 11:33

Instrument :

BNA_E

ClientSampleId :

RE125D3-20190610

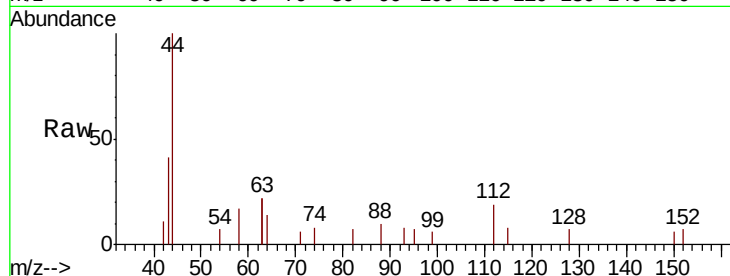
Tgt Ion: 112 Resp: 326

Ion Ratio Lower Upper

112 100

64 62.9 44.1 66.1

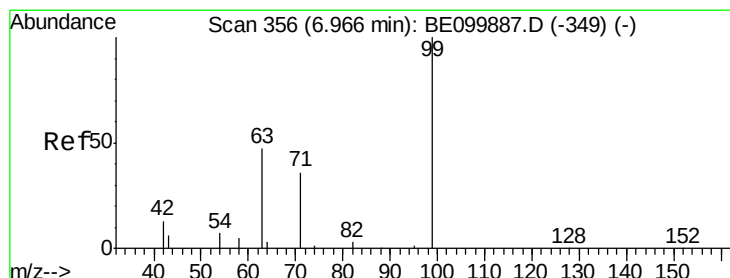
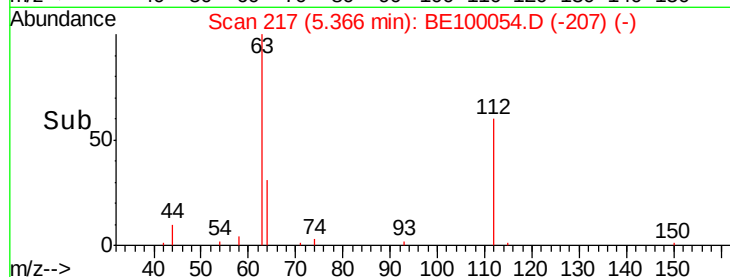
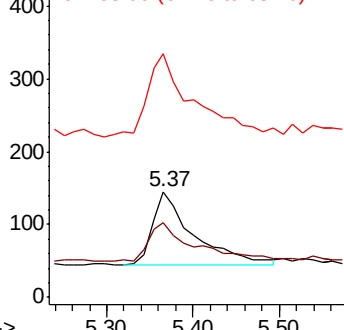
63 134.0 87.8 131.6#



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: 0.098 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100054.D

Acq: 15 Jun 2019 11:33

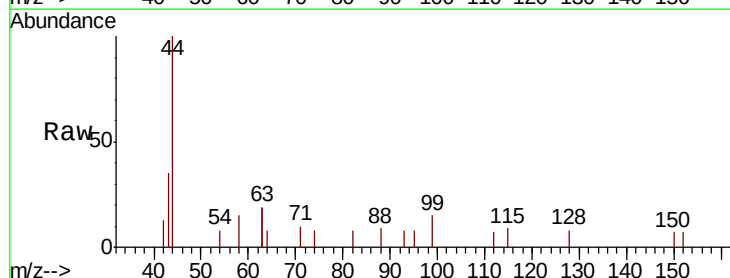
Tgt Ion: 99 Resp: 272

Ion Ratio Lower Upper

99 100

42 20.2 15.9 23.9

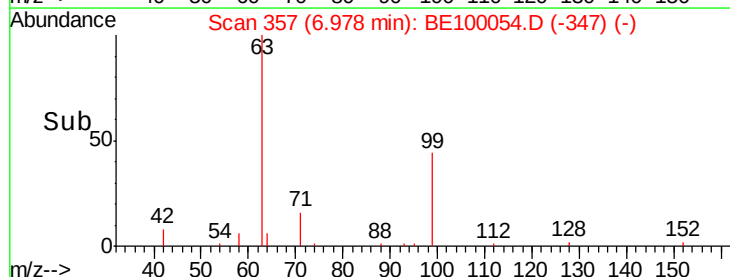
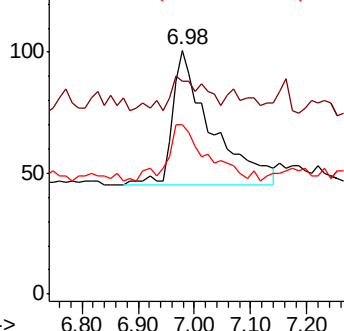
71 40.4 34.6 52.0

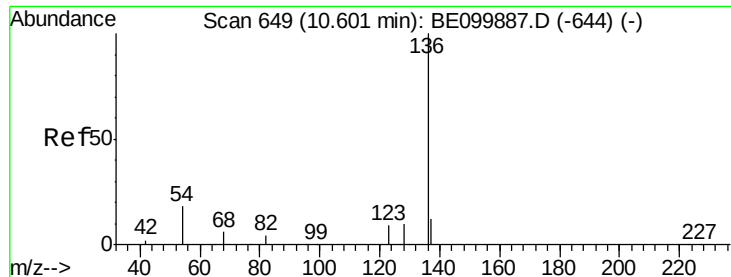


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100054.D

Acq: 15 Jun 2019 11:33

Instrument :

BNA_E

ClientSampleId :

RE125D3-20190610

Tgt Ion: 136 Resp: 2681

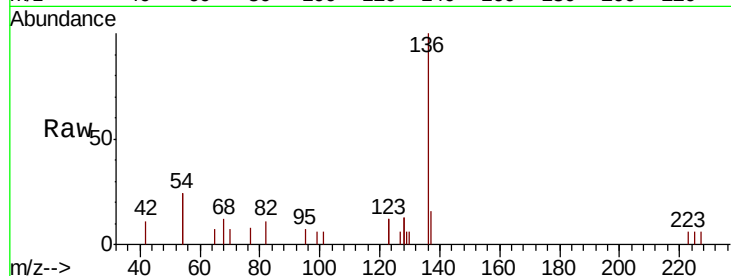
Ion Ratio Lower Upper

136 100

137 16.5 12.3 18.5

54 47.6 28.2 42.4#

68 12.3 7.8 11.8#

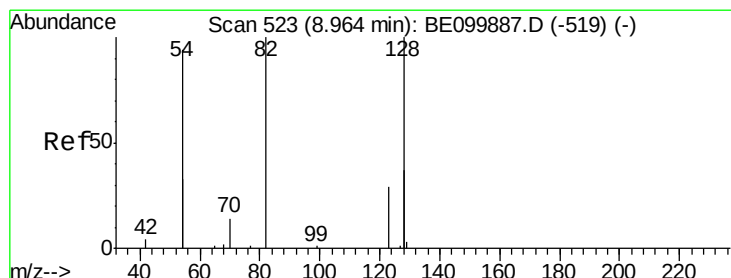
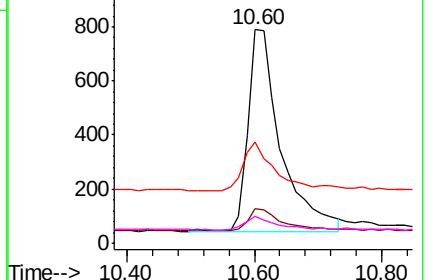
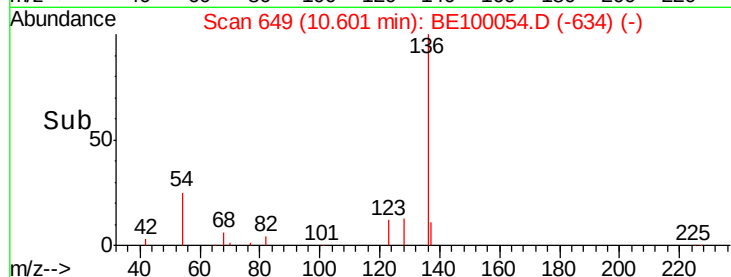


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE100054.D

Acq: 15 Jun 2019 11:33

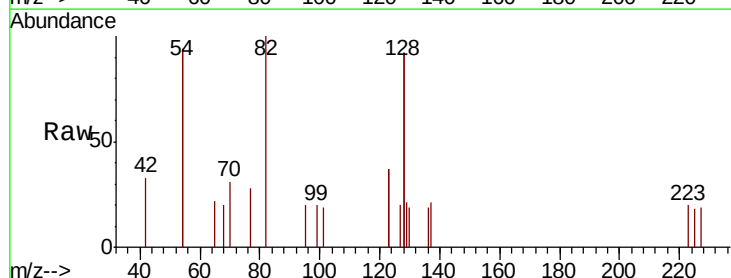
Tgt Ion: 82 Resp: 932

Ion Ratio Lower Upper

82 100

128 184.6 137.3 205.9

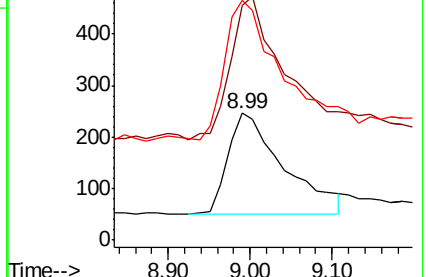
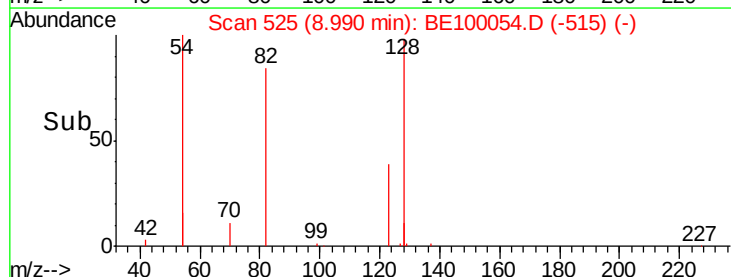
54 188.6 129.7 194.5

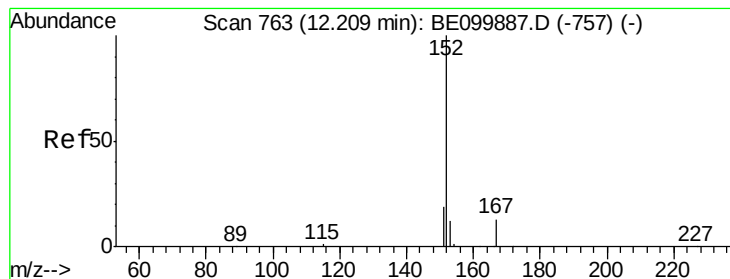


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100054.D

Acq: 15 Jun 2019 11:33

Instrument :

BNA_E

ClientSampleId :

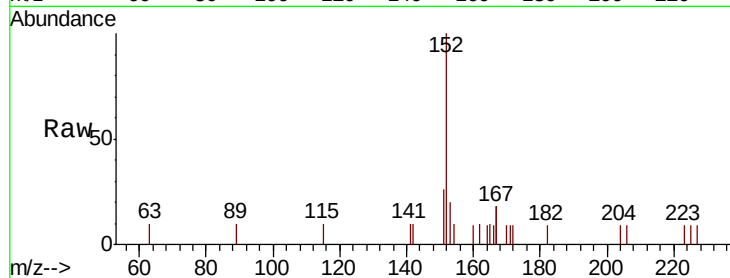
RE125D3-20190610

Tgt Ion:152 Resp: 1689

Ion Ratio Lower Upper

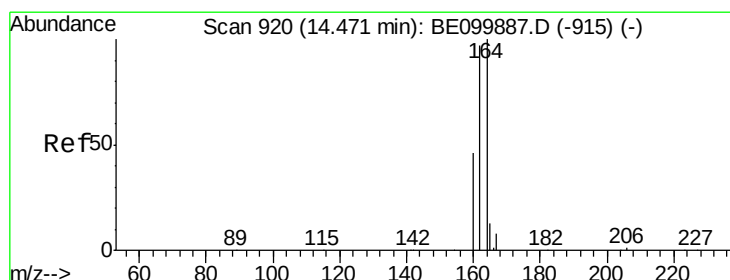
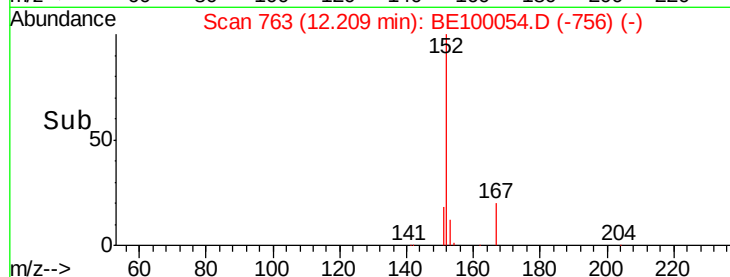
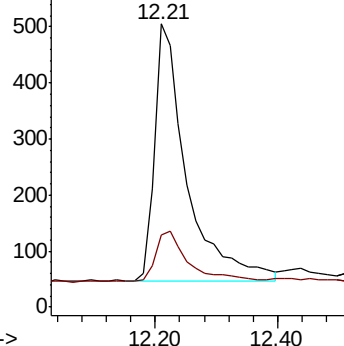
152 100

151 20.1 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: BE100054.D

Acq: 15 Jun 2019 11:33

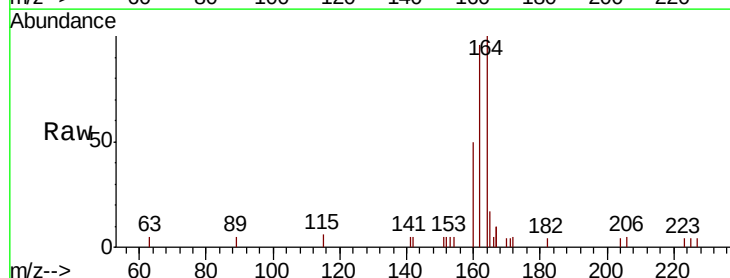
Tgt Ion:164 Resp: 2160

Ion Ratio Lower Upper

164 100

162 96.4 77.8 116.8

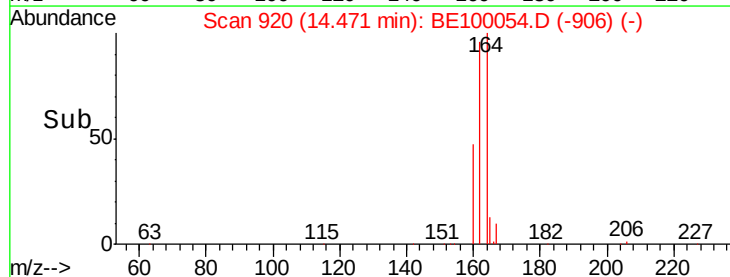
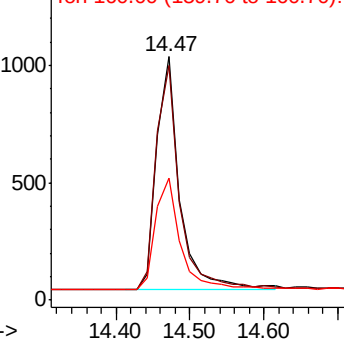
160 50.0 38.2 57.4

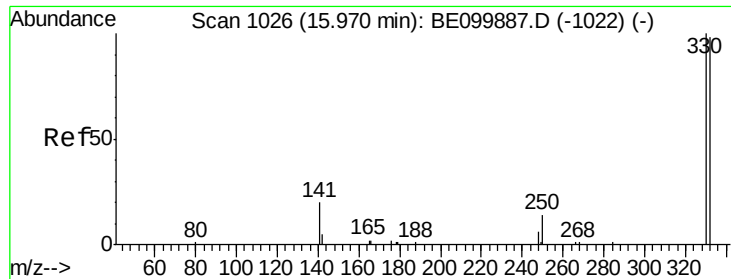


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

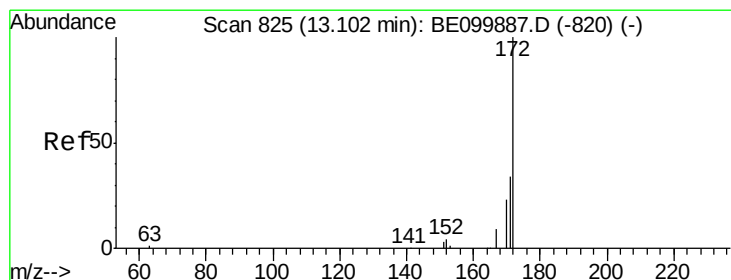
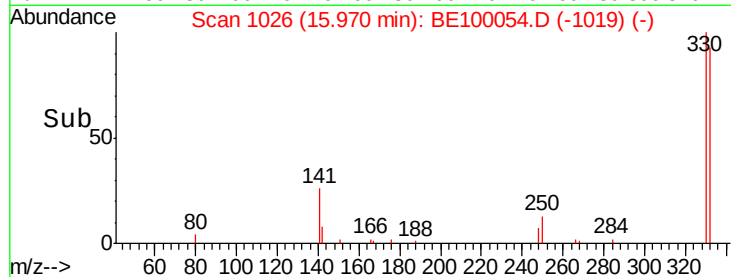
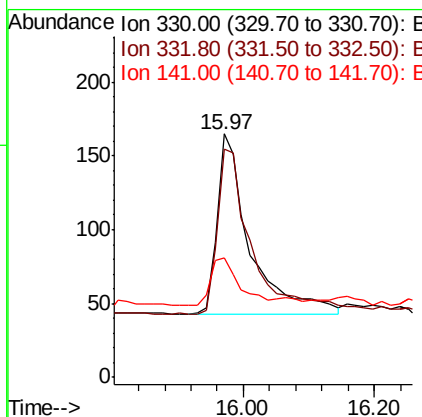
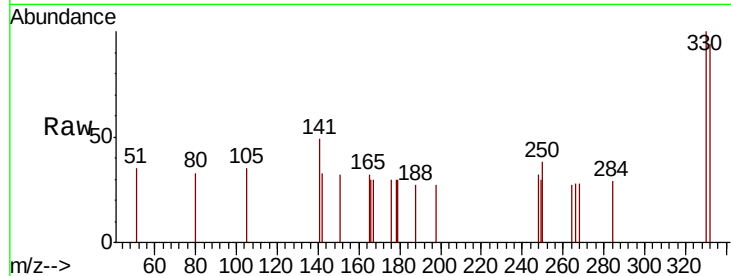




#14
 2,4,6-Tribromophenol
 Concen: 0.264 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE100054.D
 Acq: 15 Jun 2019 11:33

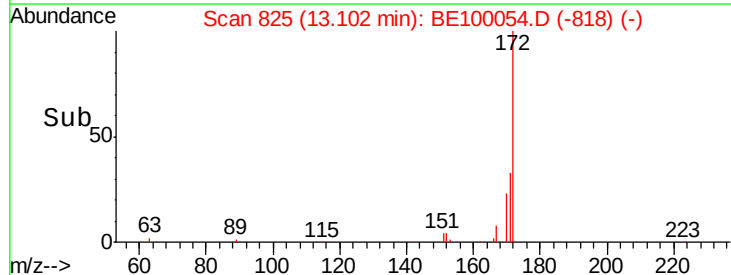
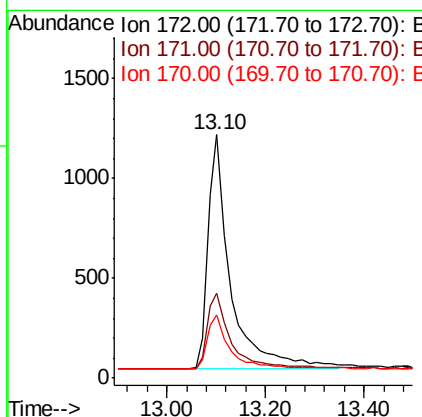
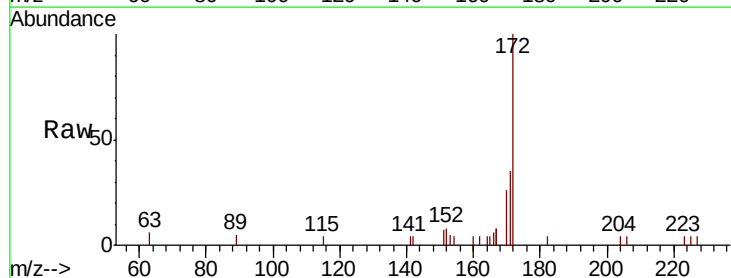
Instrument :
 BNA_E
 ClientSampleId :
 RE125D3-20190610

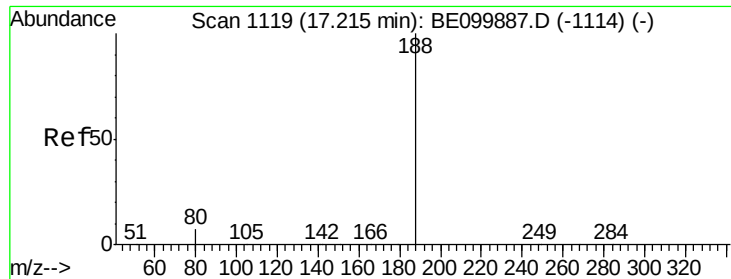
Tgt Ion:330 Resp: 421
 Ion Ratio Lower Upper
 330 100
 332 100.7 76.7 115.1
 141 23.3 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.459 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE100054.D
 Acq: 15 Jun 2019 11:33

Tgt Ion:172 Resp: 3761
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.2 43.8
 170 26.1 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: BE100054.D

Acq: 15 Jun 2019 11:33

Instrument :

BNA_E

ClientSampleId :

RE125D3-20190610

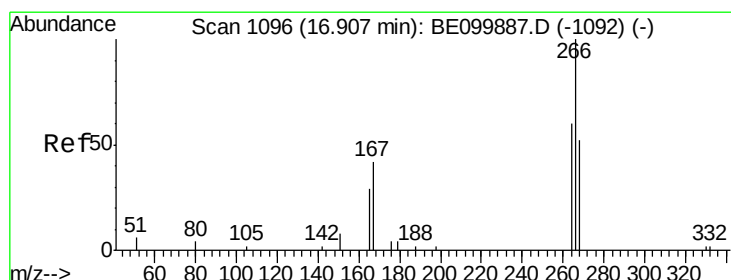
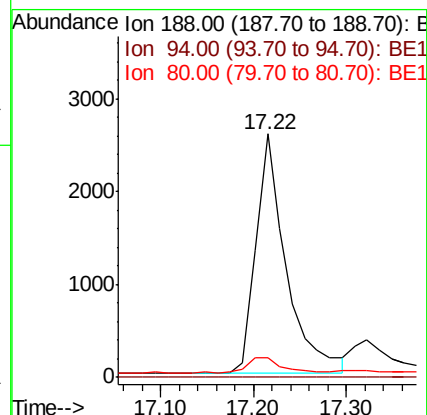
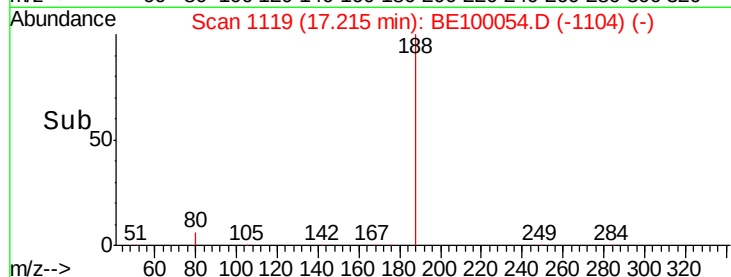
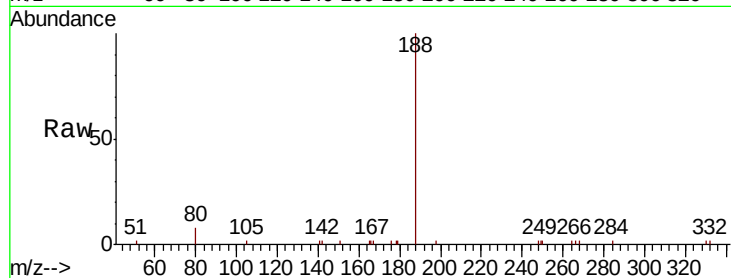
Tgt Ion:188 Resp: 5831

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.2 6.4 9.6



#22

Pentachlorophenol

Concen: 0.311 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE100054.D

Acq: 15 Jun 2019 11:33

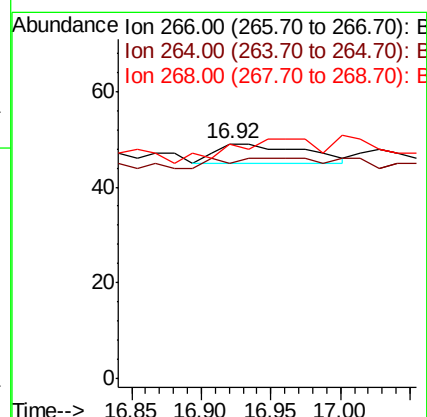
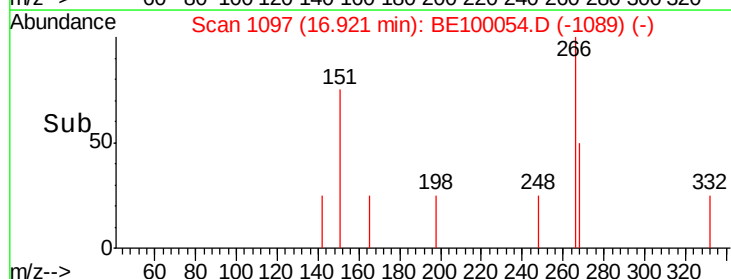
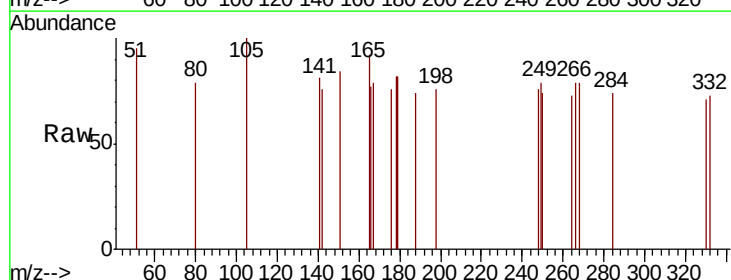
Tgt Ion:266 Resp: 18

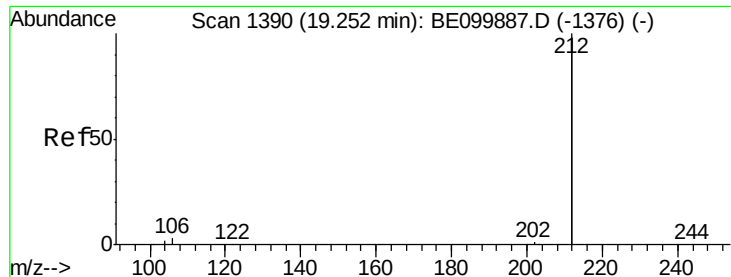
Ion Ratio Lower Upper

266 100

264 91.8 62.2 93.2

268 100.0 65.5 98.3#





#25

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE100054.D

Acq: 15 Jun 2019 11:33

Instrument :

BNA_E

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RE125D3-20190610

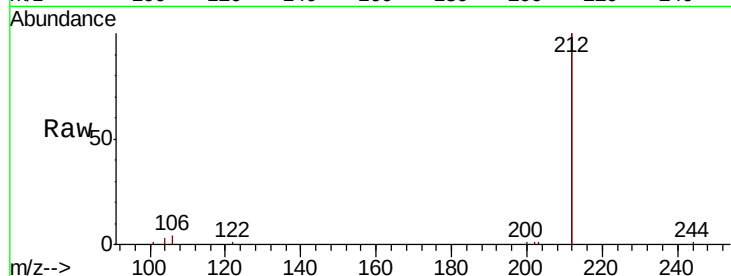
Tgt Ion:212 Resp: 31180

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

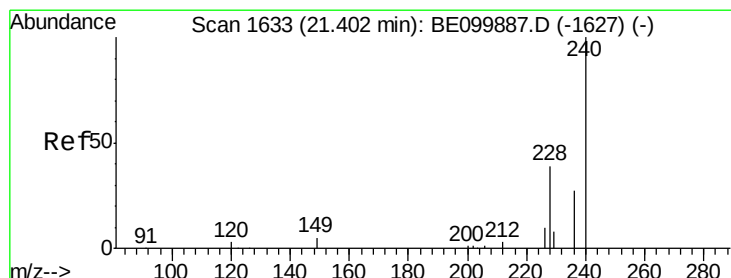
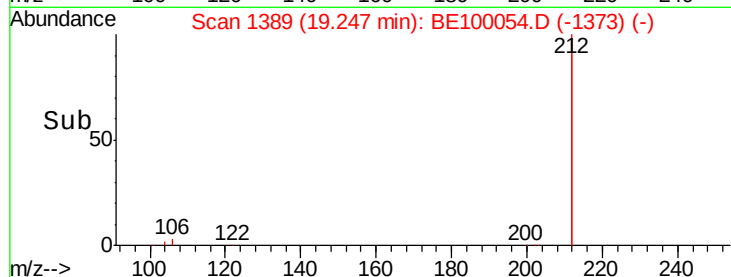
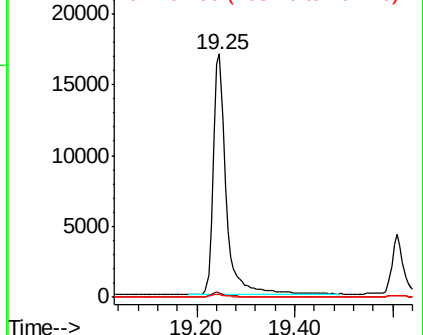
104 1.1 0.9 1.3



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: BE100054.D

Acq: 15 Jun 2019 11:33

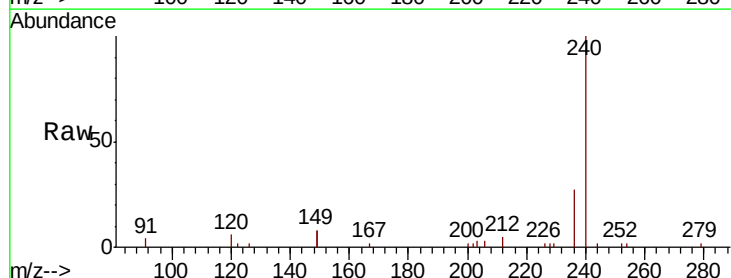
Tgt Ion:240 Resp: 7742

Ion Ratio Lower Upper

240 100

120 6.1 3.8 5.6#

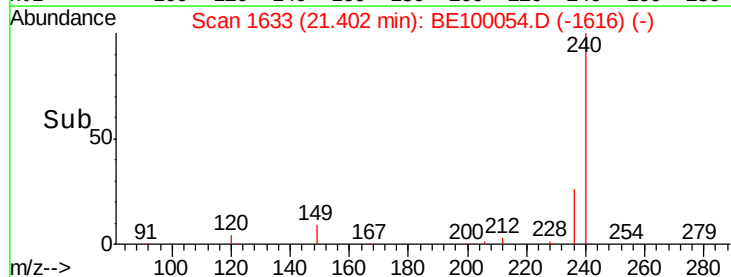
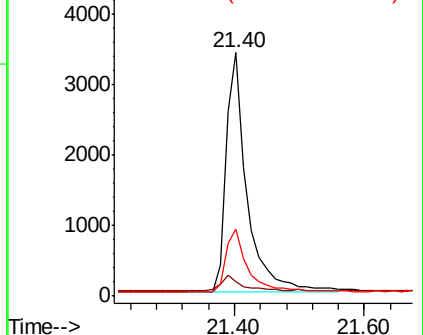
236 27.4 22.0 33.0

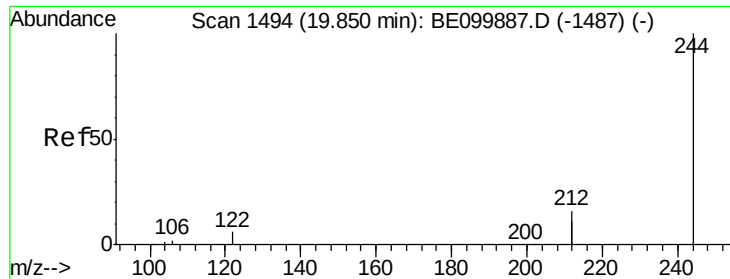


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.659 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100054.D

Acq: 15 Jun 2019 11:33

Instrument :

BNA_E

ClientSampleId :

RE125D3-20190610

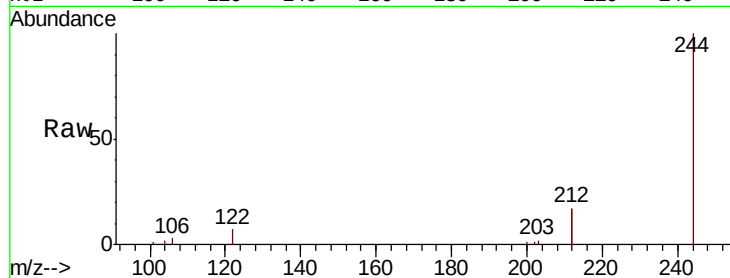
Tgt Ion:244 Resp: 9186

Ion Ratio Lower Upper

244 100

212 33.7 25.7 38.5

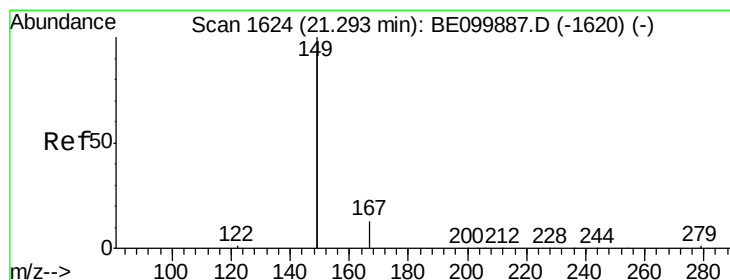
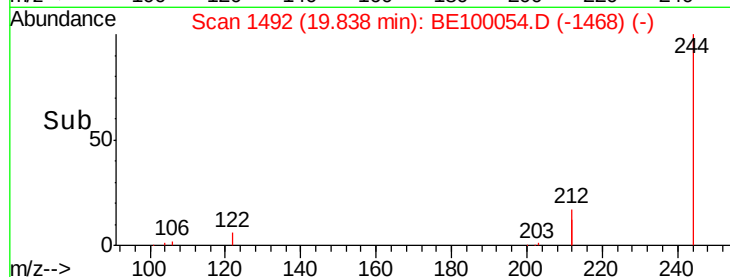
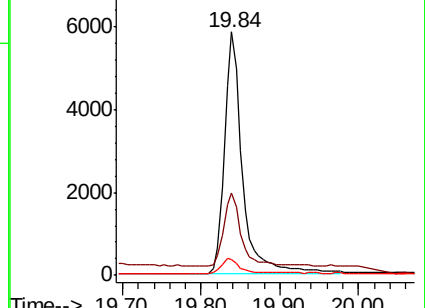
122 6.5 5.5 8.3



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: 0.145 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100054.D

Acq: 15 Jun 2019 11:33

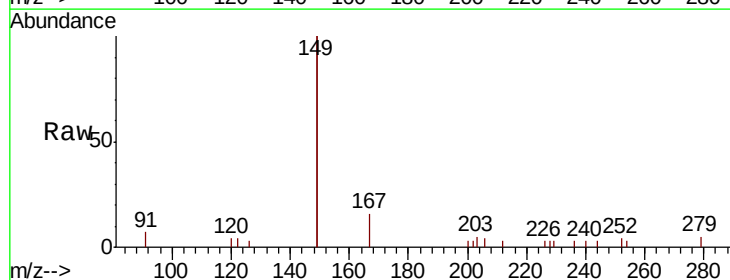
Tgt Ion:149 Resp: 4824

Ion Ratio Lower Upper

149 100

167 6.5 5.9 8.9

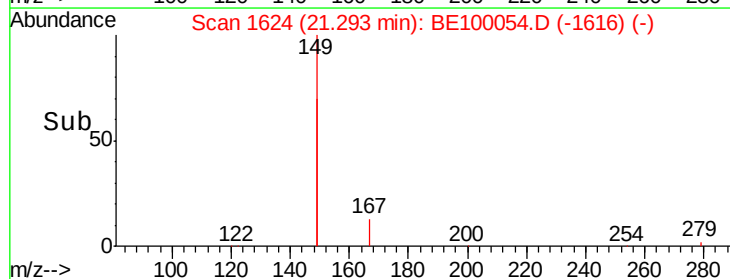
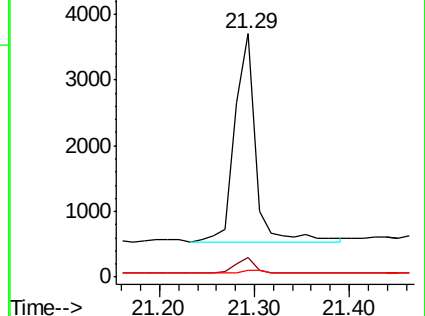
279 1.4 1.2 1.8

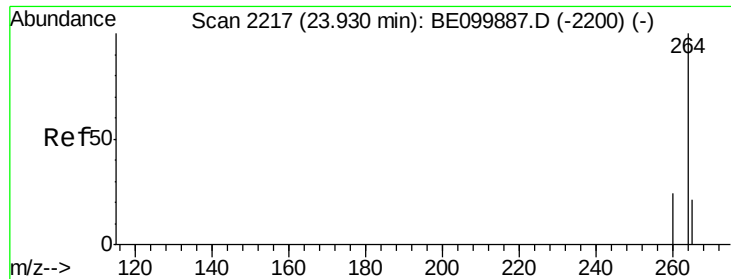


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE100054.D

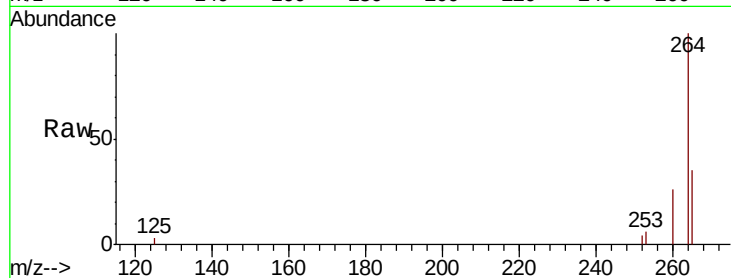
Acq: 15 Jun 2019 11:33

Instrument :

BNA_E

ClientSampleId :

RE125D3-20190610



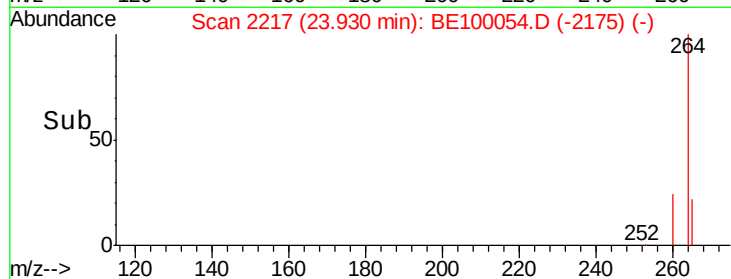
Tgt Ion: 264 Resp: 8282

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 35.0 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

