

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
 Data File : BE100758.D
 Acq On : 22 Nov 2019 14:31
 Operator : JU
 Sample : PB125011BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125011BL

Quant Time: Nov 22 15:22:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 06:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5804	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	24380	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	11073	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	26777	0.40	ng	0.00
27) Chrysene-d12	21.32	240	24779	0.40	ng	0.00
34) Perylene-d12	23.77	264	6828	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	3923	0.25	ng	0.00
5) Phenol-d6	6.93	99	3962	0.17	ng	0.00
8) Nitrobenzene-d5	8.90	82	4131	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	12900	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	822	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	21432	0.50	ng	0.00
25) Fluoranthene-d10	19.17	212	116080	0.35	ng	0.00
29) Terphenyl-d14	19.77	244	28973	0.51	ng	0.00

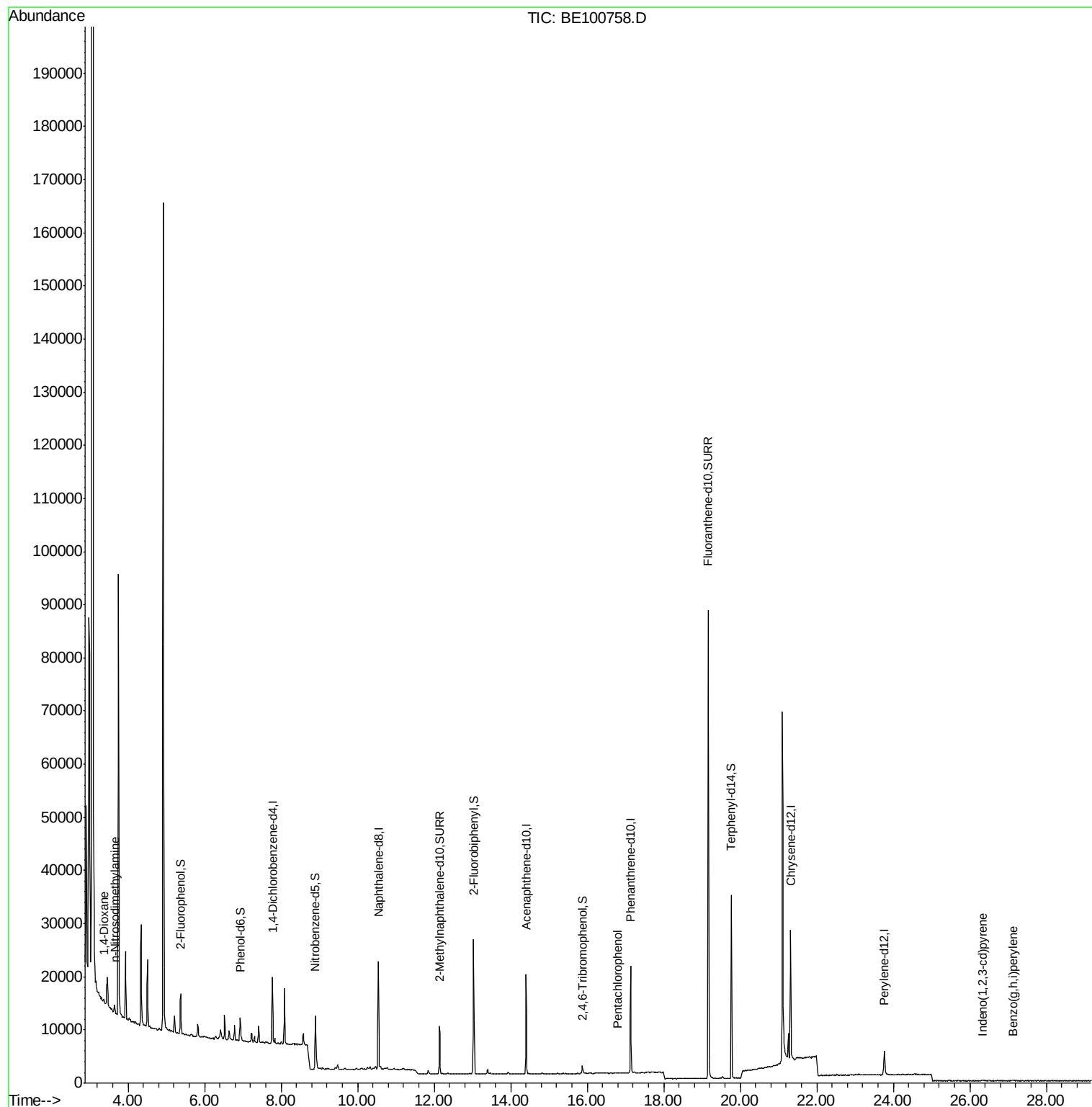
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	495	0.045	ng	# 67
3) n-Nitrosodimethylamine	3.65	42	427	0.216	ng	# 1
22) Pentachlorophenol	16.79	266	14	0.060	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.26	149	5830	Below Cal		98
33) Indeno(1,2,3-cd)pyrene	26.34	276	25	0.037	ng	# 20
39) Benzo(g,h,i)perylene	27.12	276	25	0.023	ng	# 1

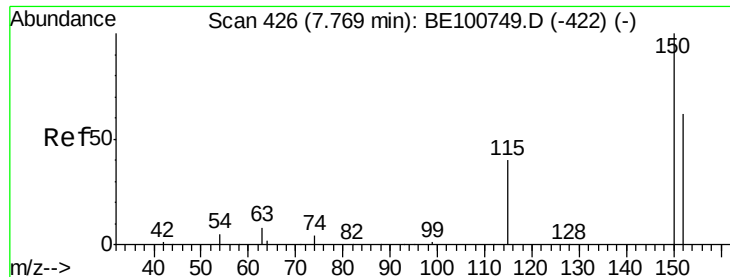
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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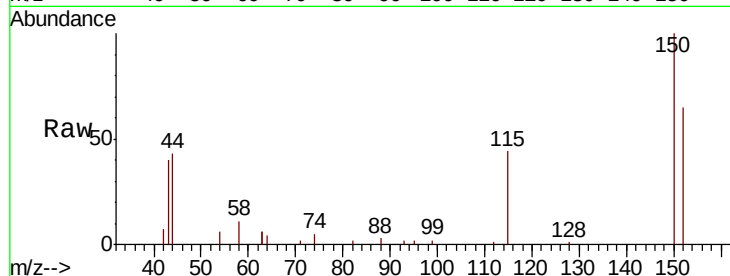


#1

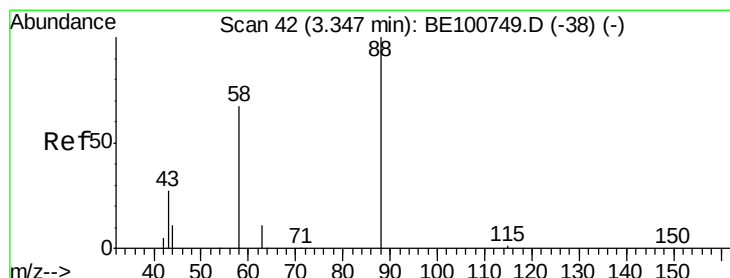
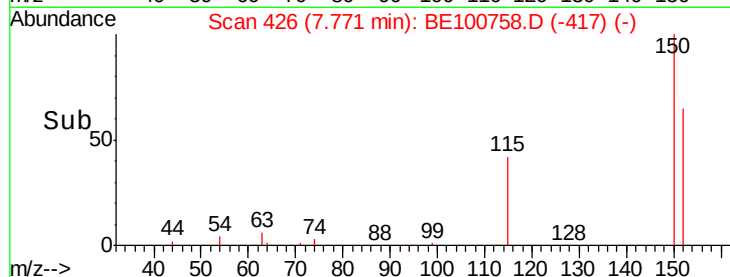
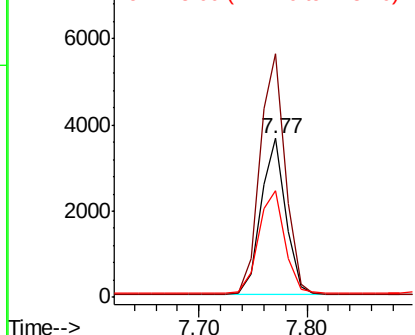
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100758.D
Acq: 22 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
PB125011BL

Tot Ion:152 Resp: 5804
Ion Ratio Lower Upper
152 100
150 153.1 127.1 190.7
115 66.8 53.0 79.4



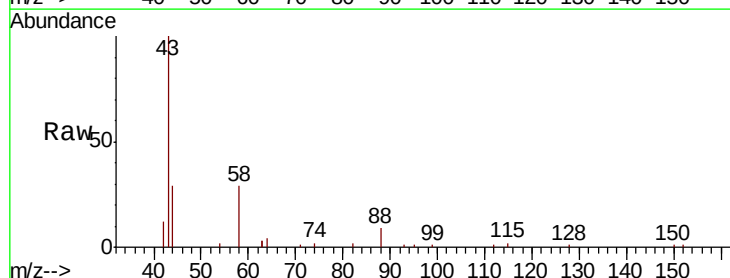
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



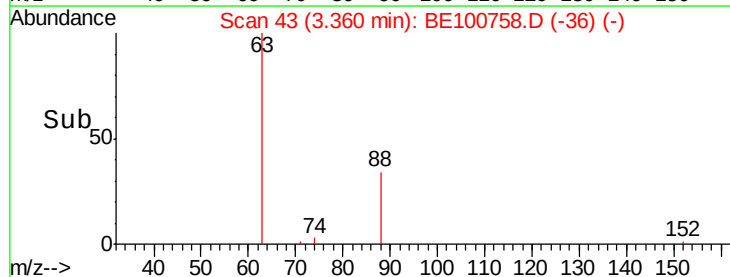
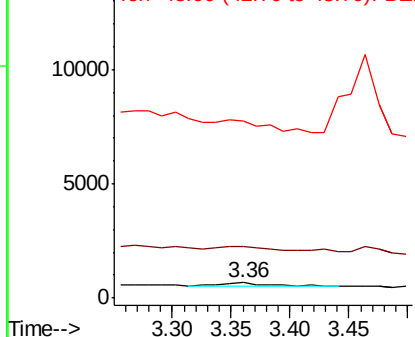
#2

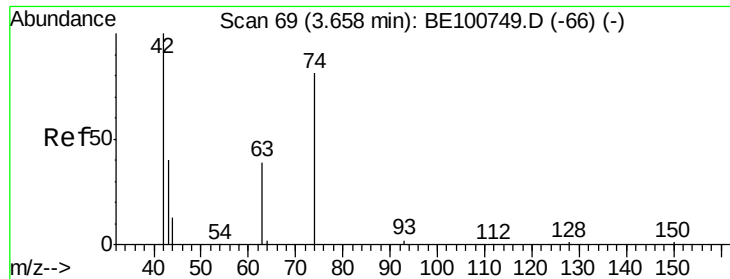
1,4-Dioxane
Concen: 0.045 ng
RT: 3.36 min Scan# 43
Delta R.T. 0.01 min
Lab File: BE100758.D
Acq: 22 Nov 2019 14:31

Tgt Ion: 88 Resp: 495
Ion Ratio Lower Upper
88 100
58 93.9 60.7 91.1#
43 0.0 27.4 41.2#



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: 0.216 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

BNA_E

ClientSampleId :

PB125011BL

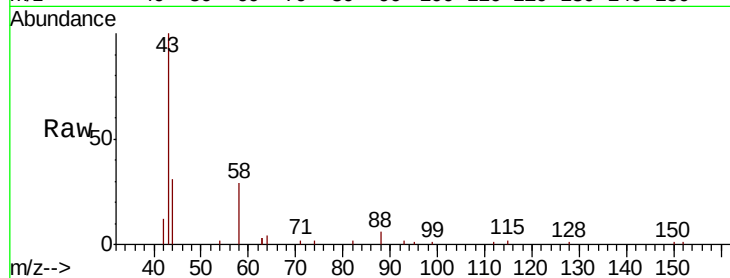
Tot Ion: 42 Resp: 427

Ion Ratio Lower Upper

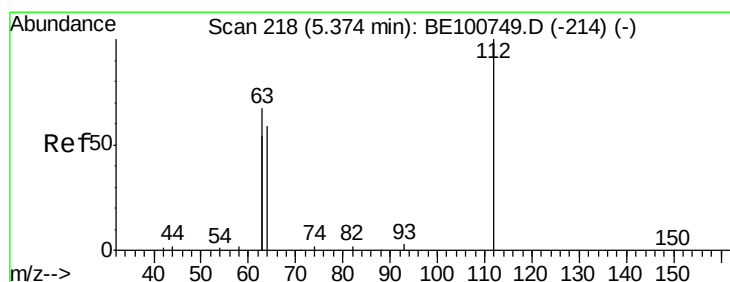
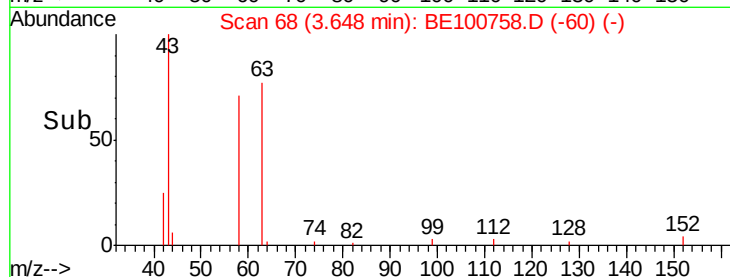
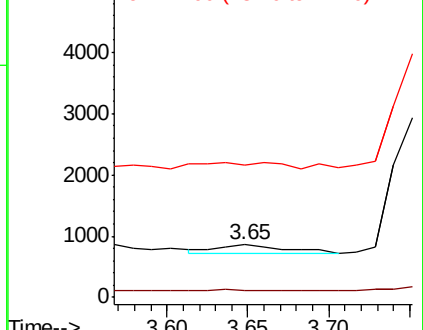
42 100

74 12.2 0.0 0.0#

44 92.3 4.2 6.4#



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: 0.250 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

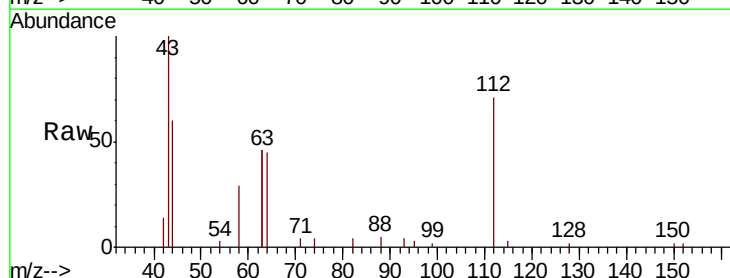
Tgt Ion: 112 Resp: 3923

Ion Ratio Lower Upper

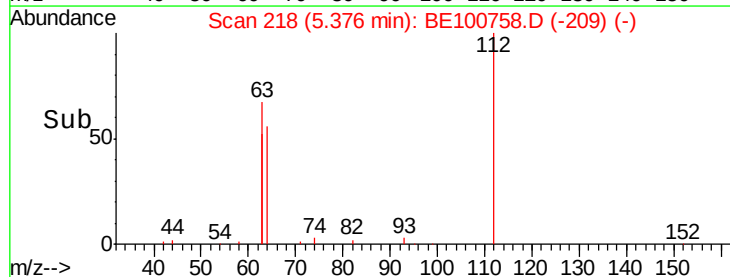
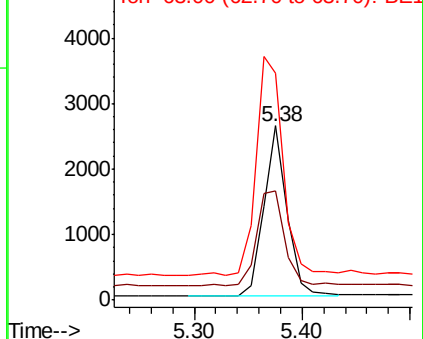
112 100

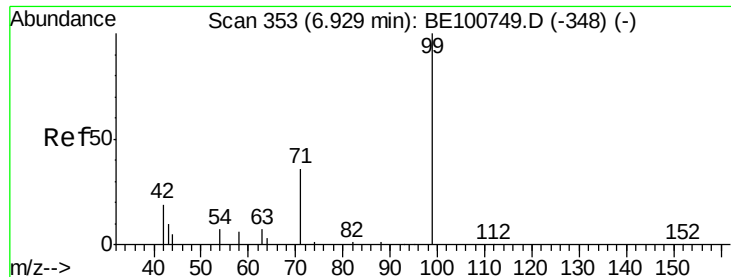
64 66.3 54.3 81.5

63 147.3 114.0 171.0



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: 0.174 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

BNA_E

ClientSampleId :

PB125011BL

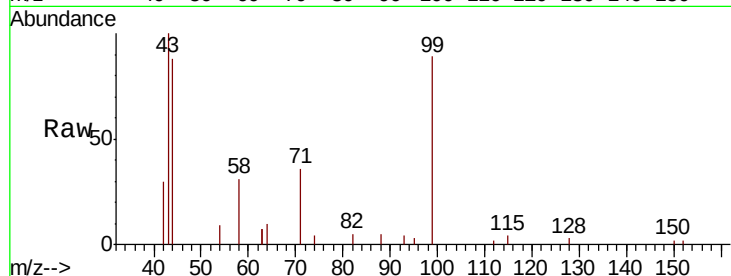
Tot Ion: 99 Resp: 3962

Ion Ratio Lower Upper

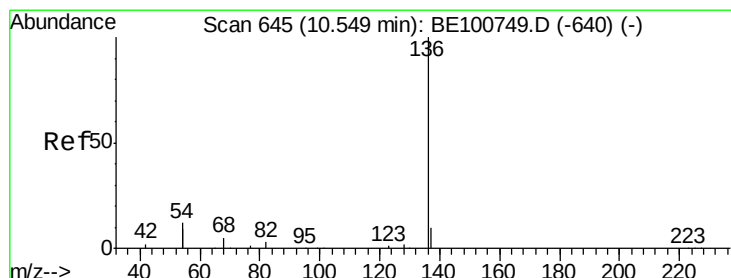
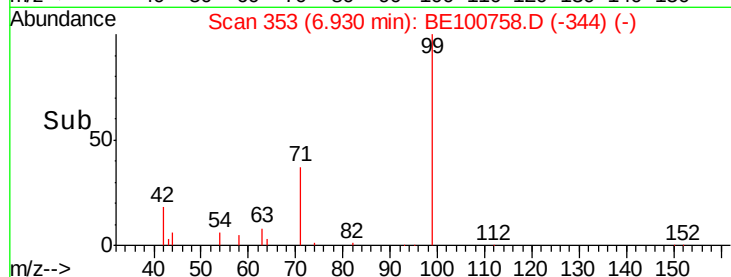
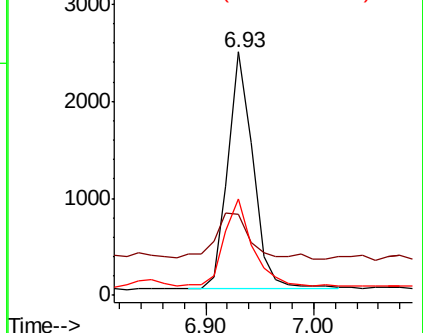
99 100

42 28.1 17.9 26.9#

71 40.8 29.3 43.9



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: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Tgt Ion: 136 Resp: 24380

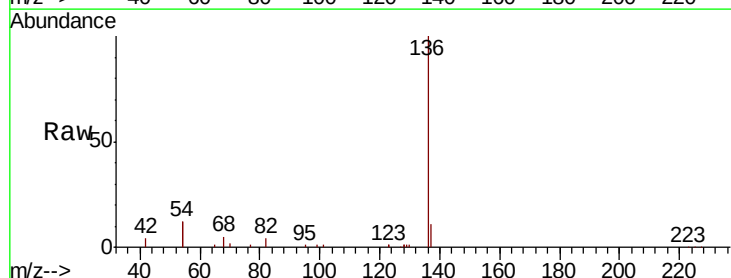
Ion Ratio Lower Upper

136 100

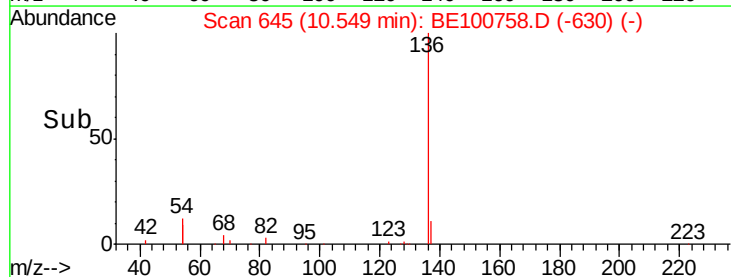
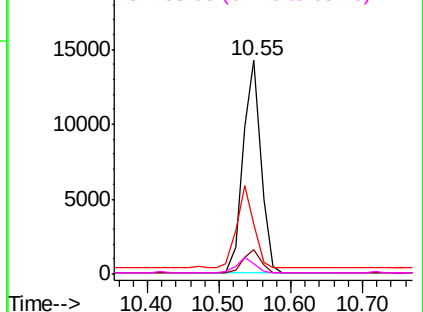
137 11.4 8.6 12.8

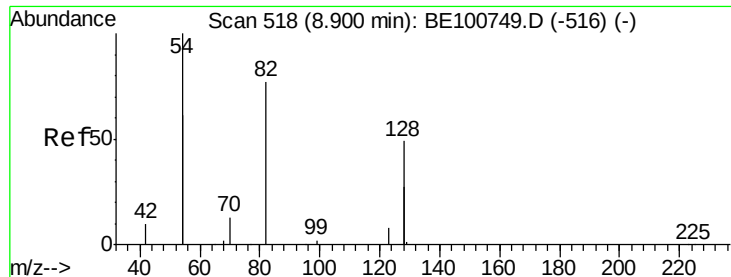
54 23.2 19.4 29.0

68 5.0 4.6 6.8



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: 0.529 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

BNA_E

ClientSampleId :

PB125011BL

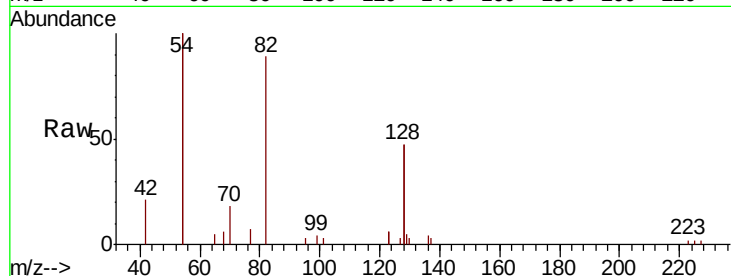
Tot Ion: 82 Resp: 4131

Ion Ratio Lower Upper

82 100

128 104.8 90.2 135.4

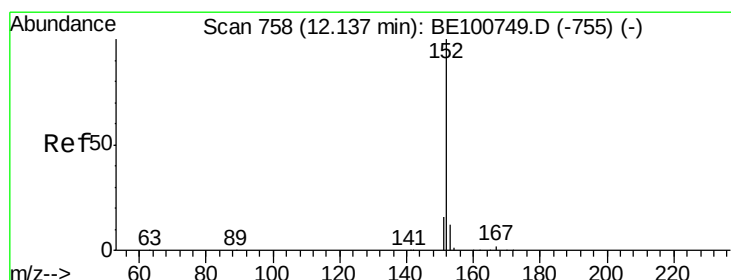
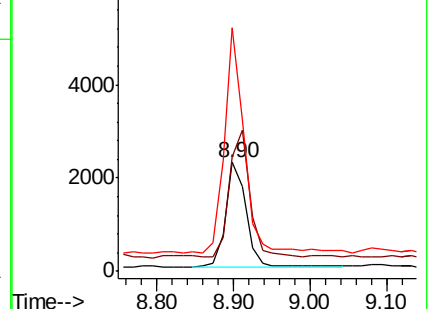
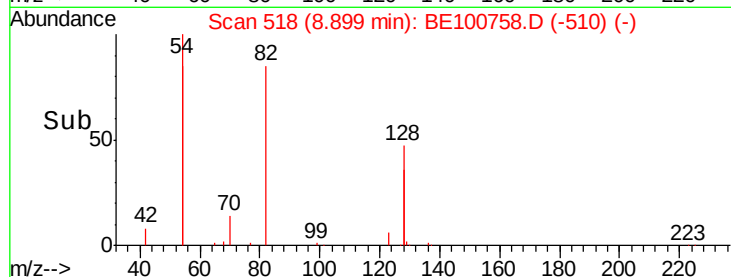
54 223.7 186.0 279.0



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: 0.361 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100758.D

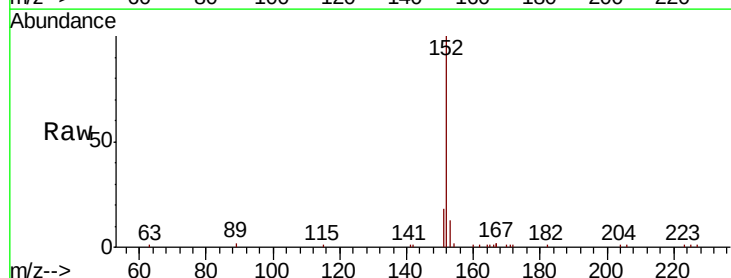
Acq: 22 Nov 2019 14:31

Tgt Ion: 152 Resp: 12900

Ion Ratio Lower Upper

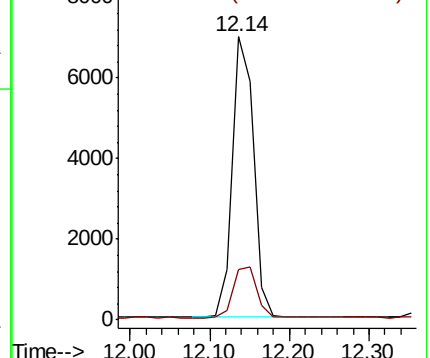
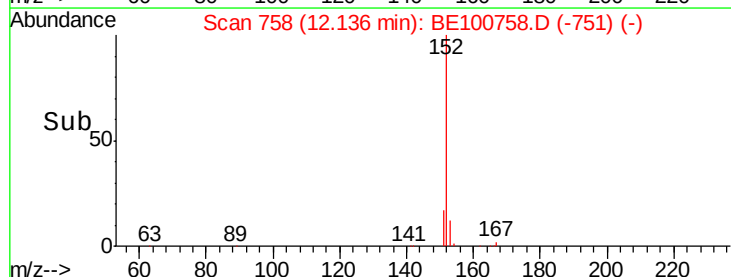
152 100

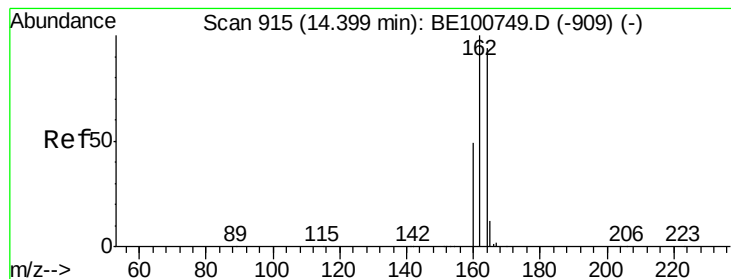
151 20.1 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

BNA_E

ClientSampleId :

PB125011BL

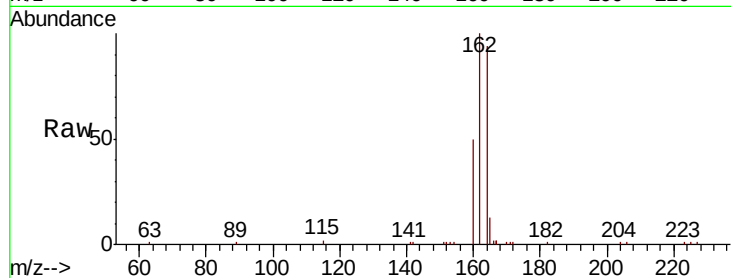
Tot Ion:164 Resp: 11073

Ion Ratio Lower Upper

164 100

162 106.9 84.8 127.2

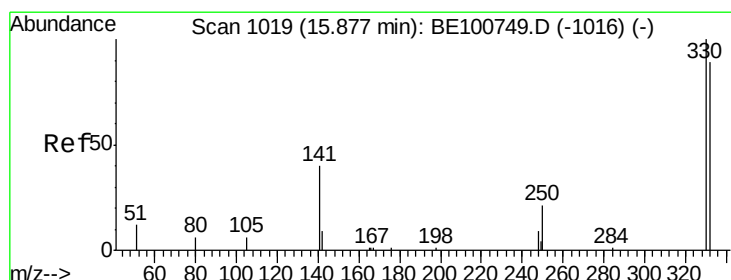
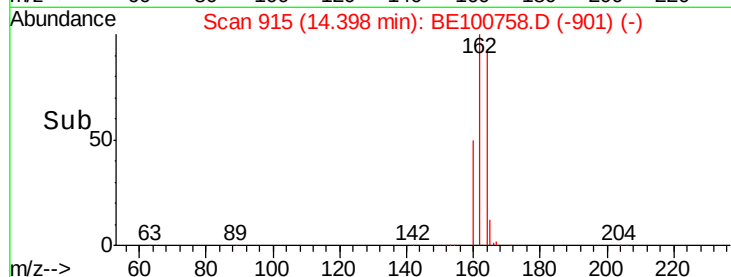
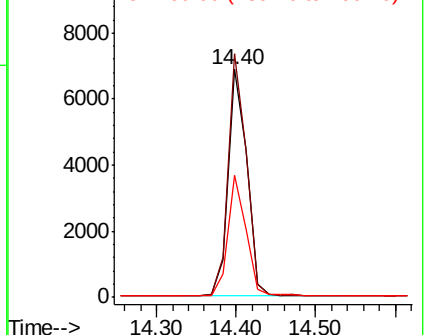
160 53.6 42.3 63.5



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: 0.527 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

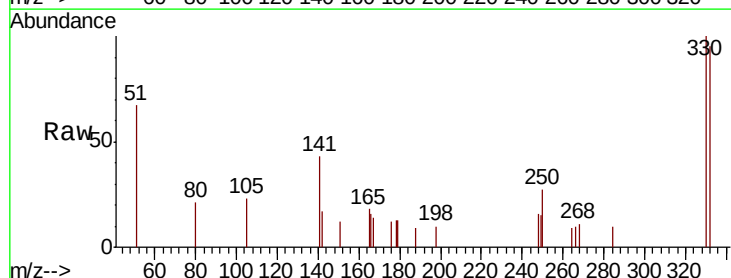
Tgt Ion:330 Resp: 822

Ion Ratio Lower Upper

330 100

332 97.6 79.3 118.9

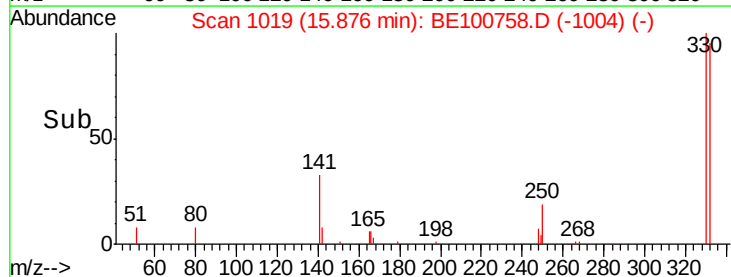
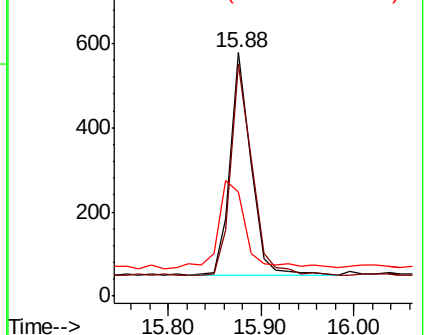
141 53.3 43.8 65.6

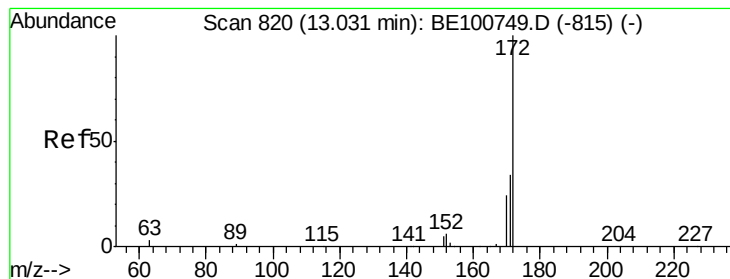


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

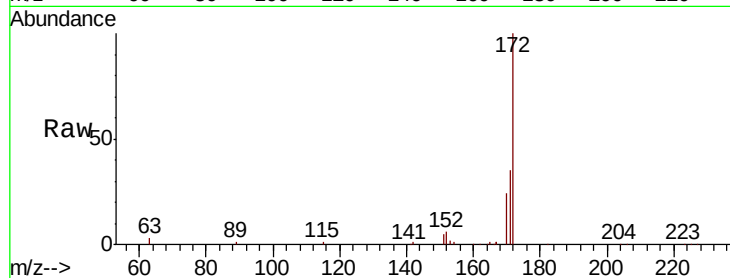




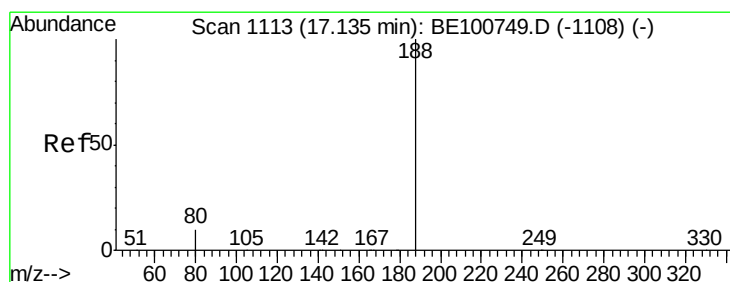
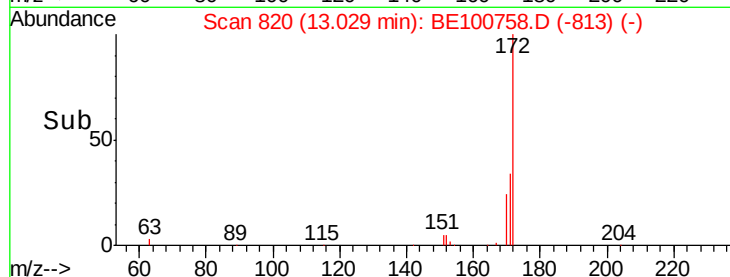
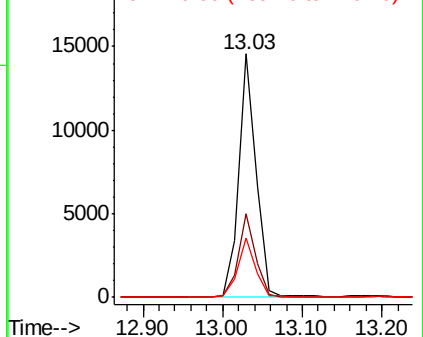
#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100758.D
Acq: 22 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
PB125011BL

Tot Ion:172 Resp: 21432
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 24.3 19.4 29.2

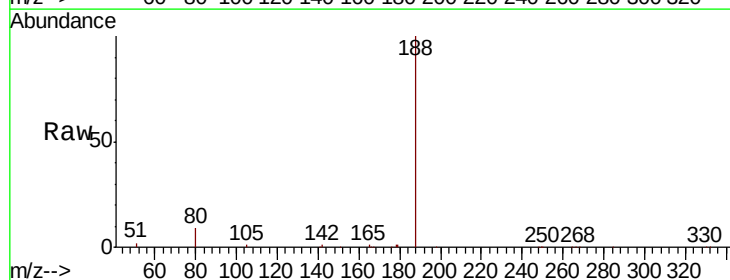


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

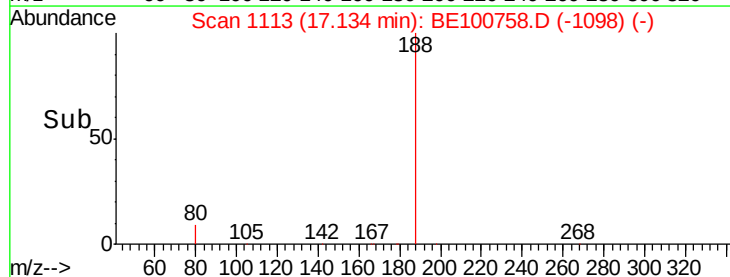
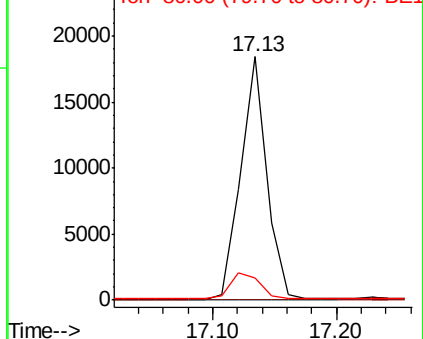


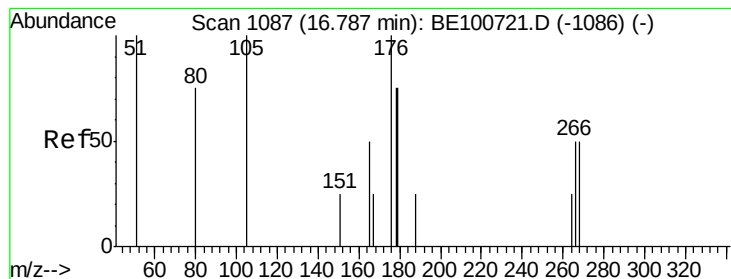
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100758.D
Acq: 22 Nov 2019 14:31

Tgt Ion:188 Resp: 26777
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 8.2 12.2



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: 0.060 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

BNA_E

ClientSampleId :

PB125011BL

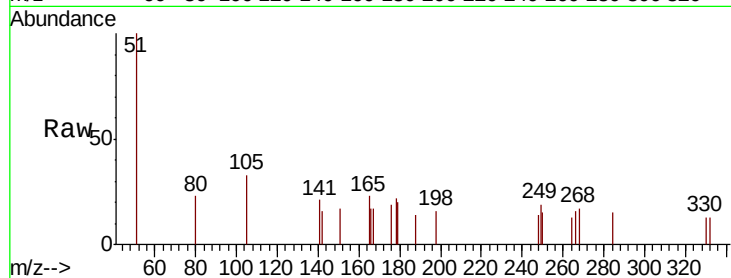
Tot Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 83.6 54.6 82.0#

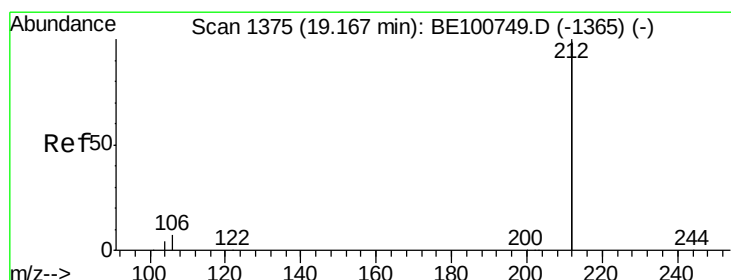
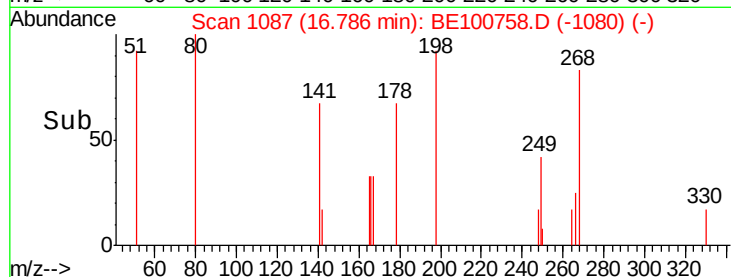
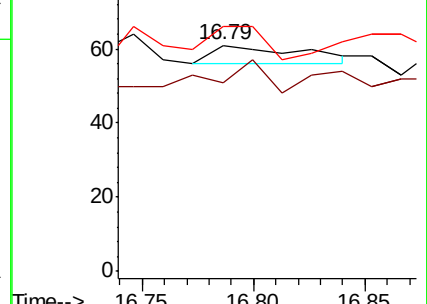
268 108.2 52.6 78.8#



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: 0.354 ng

RT: 19.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

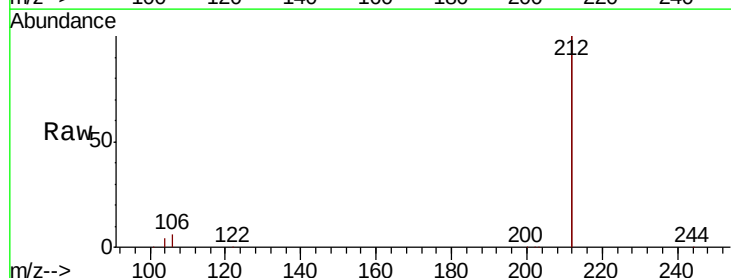
Tgt Ion:212 Resp: 116080

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

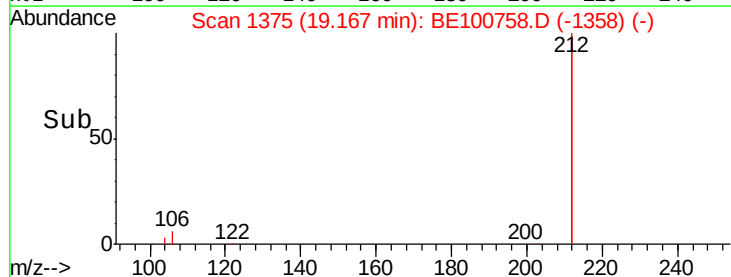
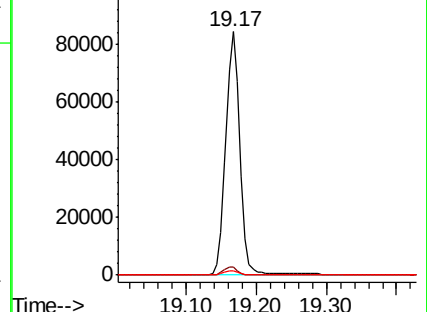
104 1.8 1.5 2.3

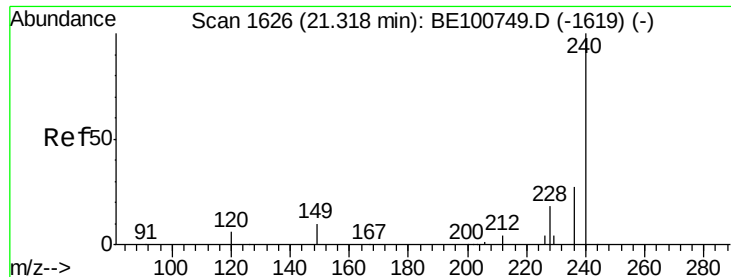


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

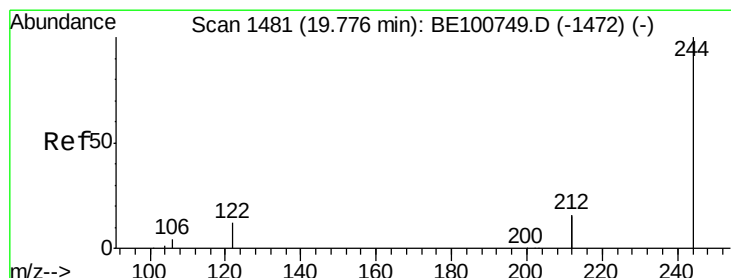
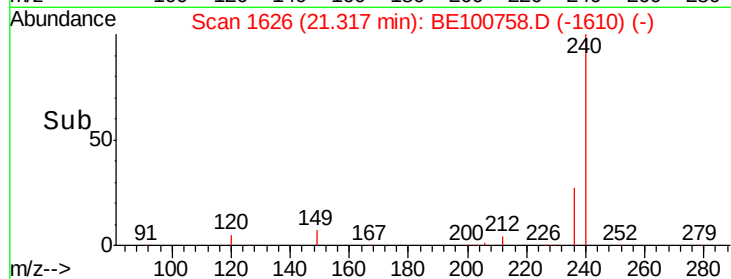
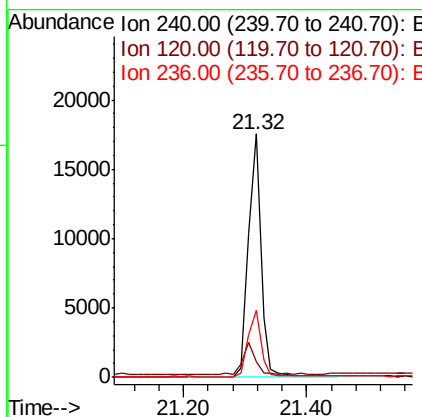
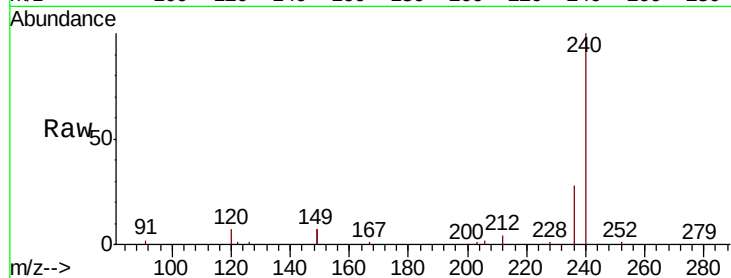




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100758.D
Acq: 22 Nov 2019 14:31

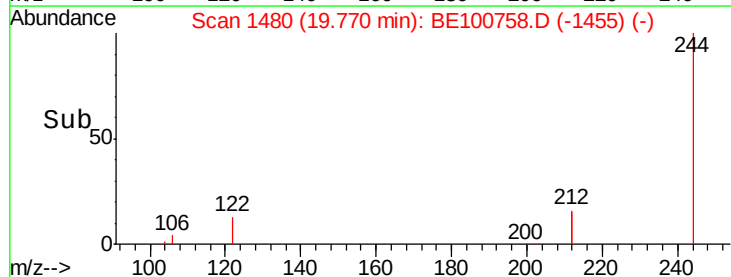
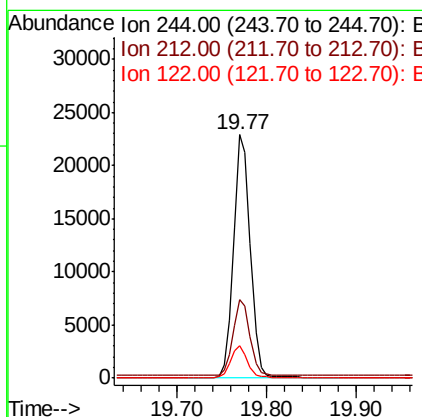
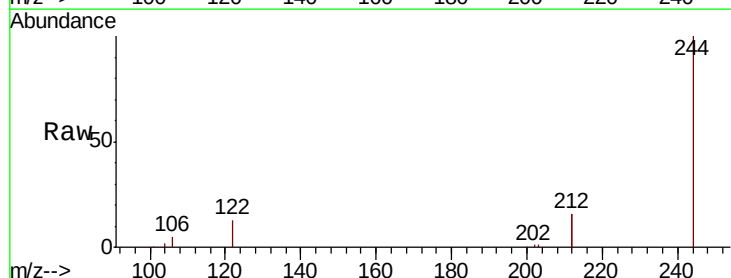
Instrument :
BNA_E
ClientSampleId :
PB125011BL

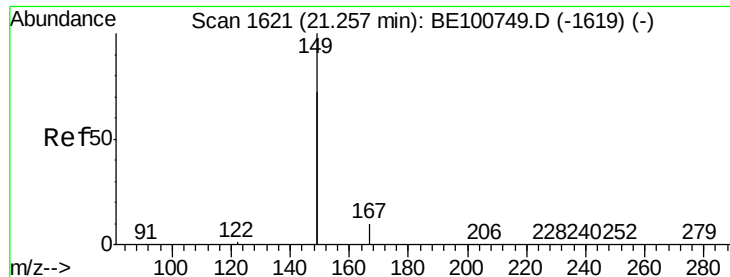
Tot Ion:240 Resp: 24779
Ion Ratio Lower Upper
240 100
120 6.7 5.8 8.8
236 27.6 21.9 32.9



#29
Terphenyl-d14
Concen: 0.508 ng
RT: 19.77 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE100758.D
Acq: 22 Nov 2019 14:31

Tgt Ion:244 Resp: 28973
Ion Ratio Lower Upper
244 100
212 32.5 25.2 37.8
122 13.4 9.8 14.6





#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

BNA_E

ClientSampleId :

PB125011BL

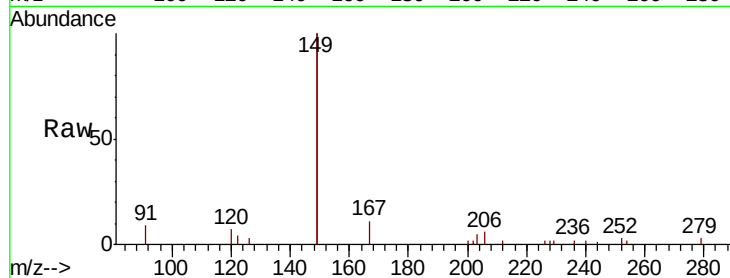
Tot Ion:149 Resp: 5830

Ion Ratio Lower Upper

149 100

167 6.2 5.5 8.3

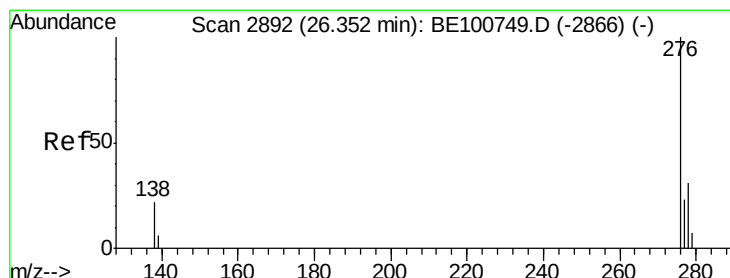
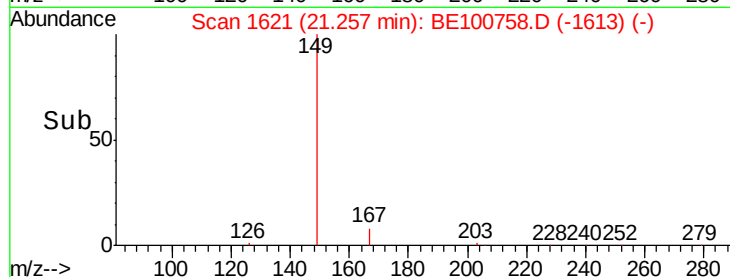
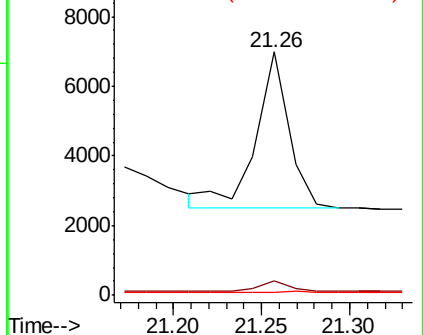
279 1.0 0.7 1.1



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.037 ng

RT: 26.34 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

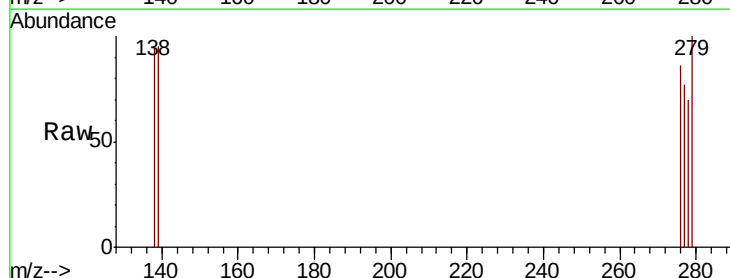
Tgt Ion:276 Resp: 25

Ion Ratio Lower Upper

276 100

138 80.0 19.8 29.6#

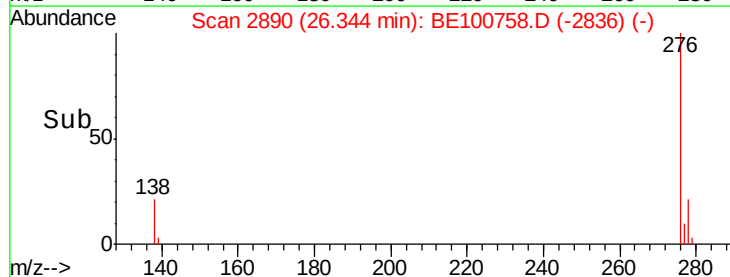
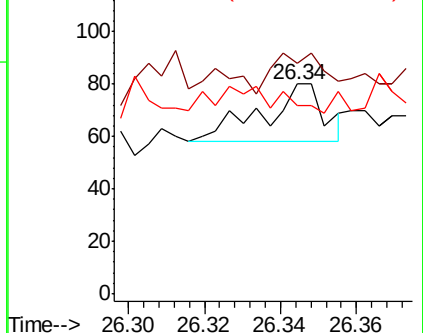
277 0.0 19.7 29.5#

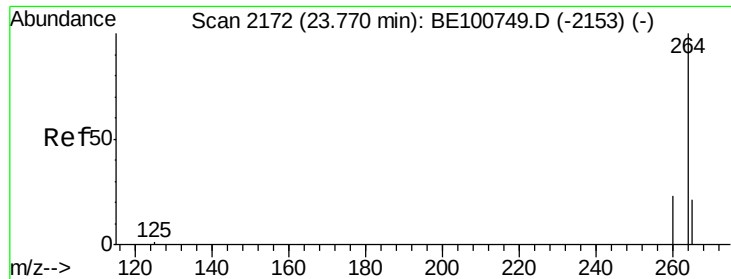


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

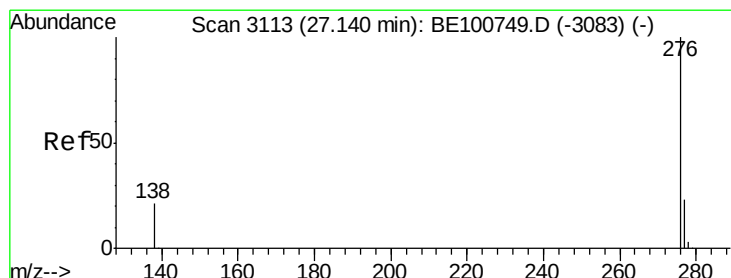
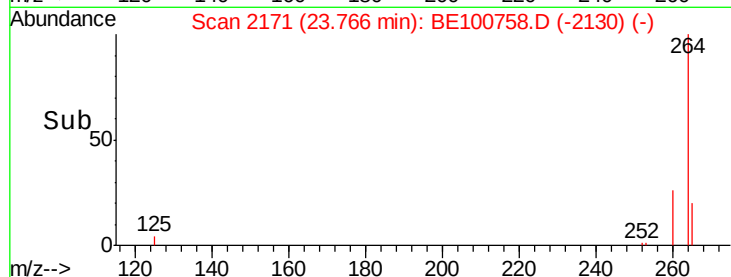
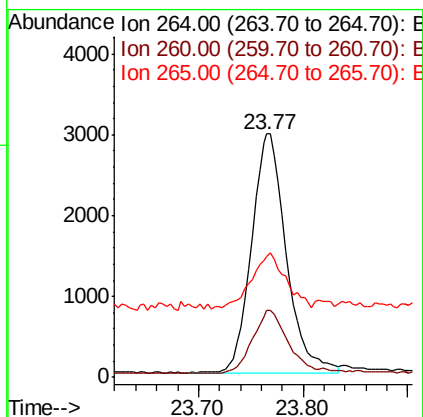
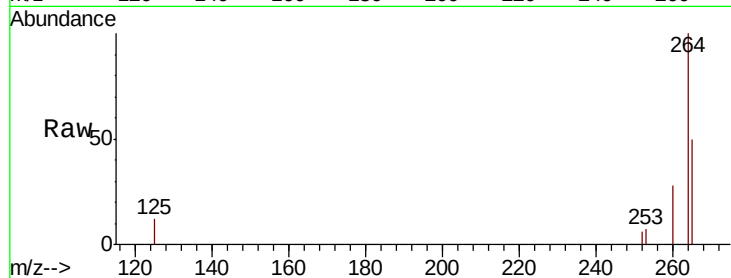




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.77 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BE100758.D
 Acq: 22 Nov 2019 14:31

Instrument :
 BNA_E
 ClientSampleId :
 PB125011BL

Tot Ion:264 Resp: 6828
 Ion Ratio Lower Upper
 264 100
 260 27.7 18.7 28.1
 265 49.9 22.4 33.6#



#39
 Benzo(g,h,i)perylene
 Concen: 0.023 ng
 RT: 27.12 min Scan# 3108
 Delta R.T. -0.02 min
 Lab File: BE100758.D
 Acq: 22 Nov 2019 14:31

Tgt Ion:276 Resp: 25
 Ion Ratio Lower Upper
 276 100
 277 102.7 18.9 28.3#
 138 121.3 17.8 26.8#

