

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
 Data File : BE100119.D
 Acq On : 20 Jun 2019 22:27
 Operator : JU/SJ
 Sample : K3345-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB_061219

Quant Time: Jun 21 01:46:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	495	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	1782	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	1535	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	5299	0.40	ng	0.00
27) Chrysene-d12	21.34	240	8316	0.40	ng	0.00
34) Perylene-d12	23.83	264	9650	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	198	0.19	ng	0.00
5) Phenol-d6	6.94	99	116	0.08	ng	0.01
8) Nitrobenzene-d5	8.91	82	677	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	105	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.92	330	298	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	3244	0.54	ng	-0.01
25) Fluoranthene-d10	19.20	212	2812	0.04	ng	0.00
29) Terphenyl-d14	19.79	244	8606	0.52	ng	-0.02

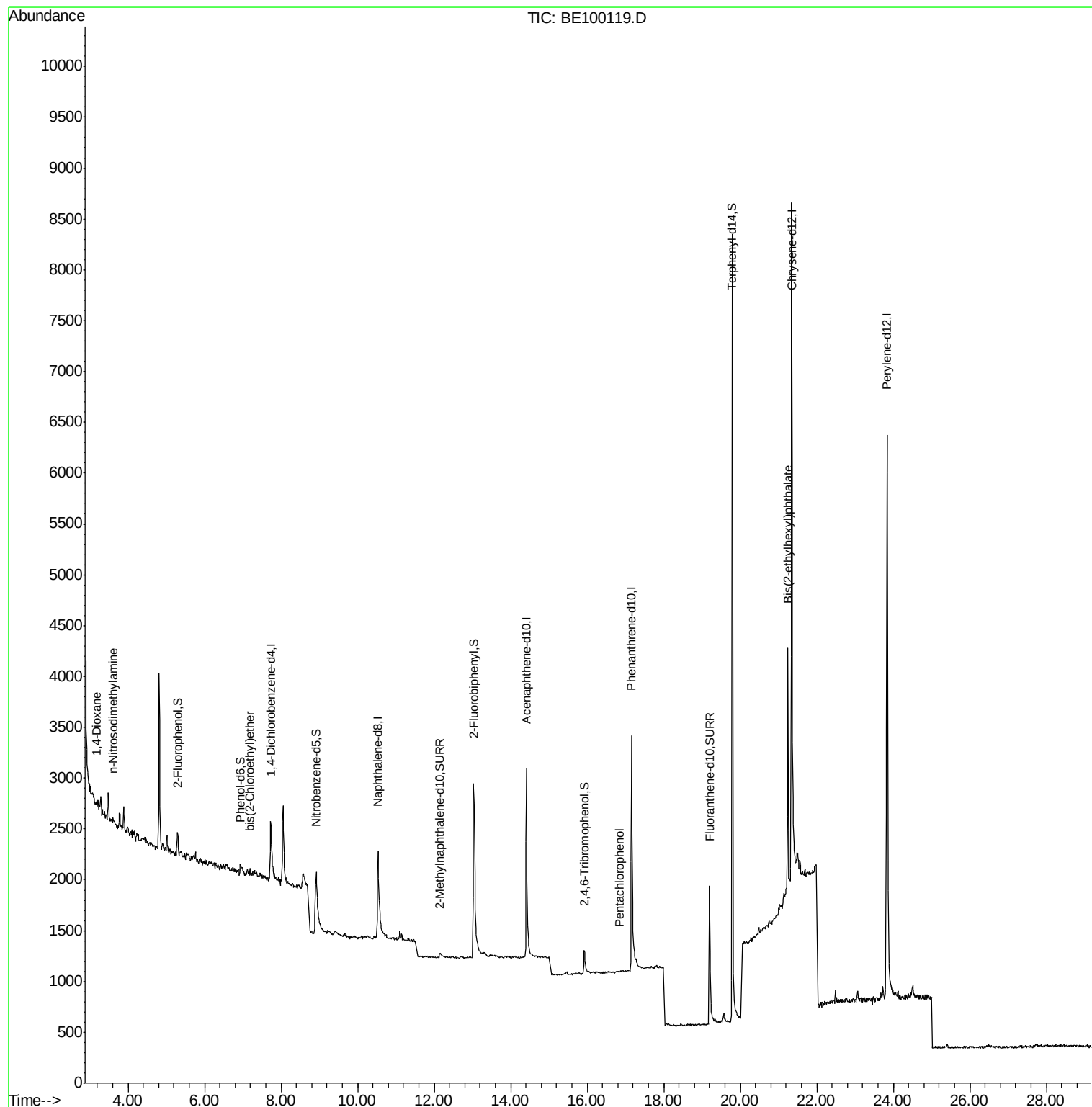
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	30	0.038	ng	# 27
3) n-Nitrosodimethylamine	3.60	42	15	0.370	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	1	0.034	ng	# 1
22) Pentachlorophenol	16.85	266	6	0.248	ng	87
32) Bis(2-ethylhexyl)phthalate	21.25	149	2783	0.119	ng	100

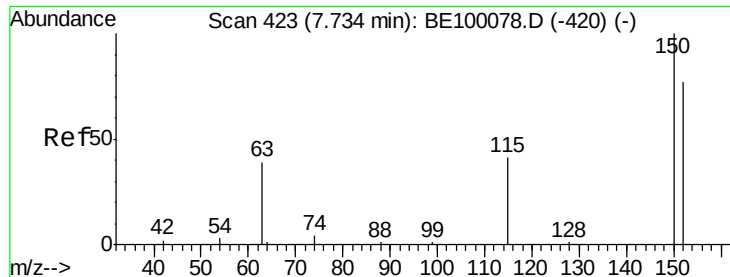
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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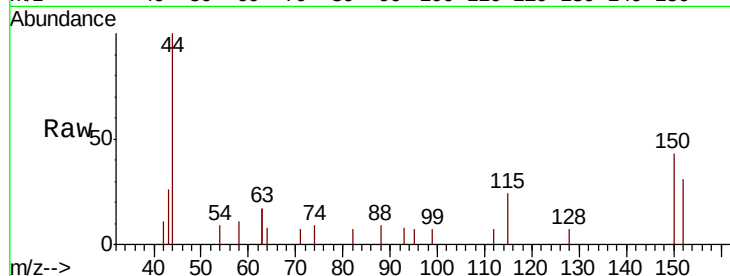


#1

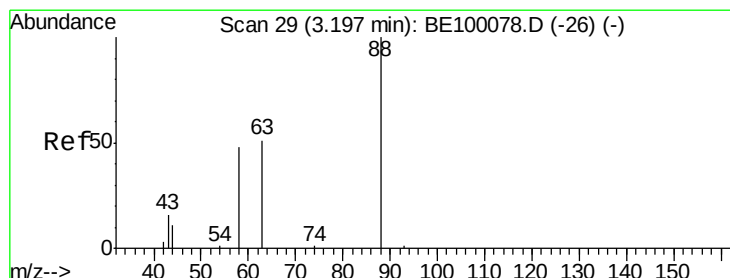
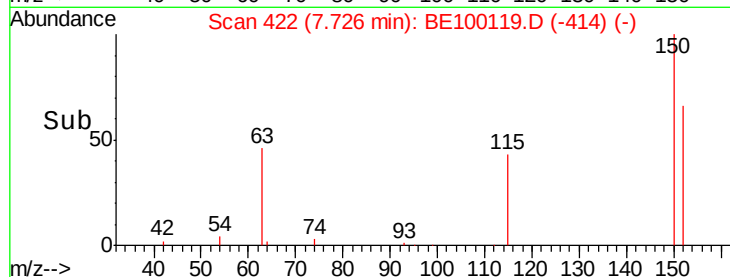
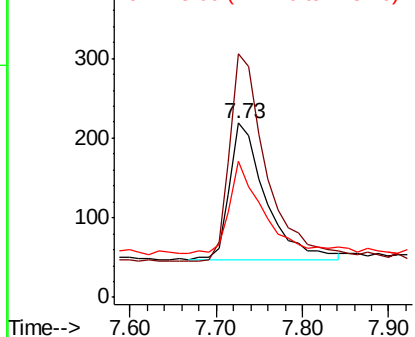
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100119.D
Acq: 20 Jun 2019 22:27

Instrument :
BNA_E
ClientSampleId :
FB_061219

Tgt Ion: 152 Resp: 495
Ion Ratio Lower Upper
152 100
150 139.7 99.8 149.8
115 78.1 51.3 76.9#



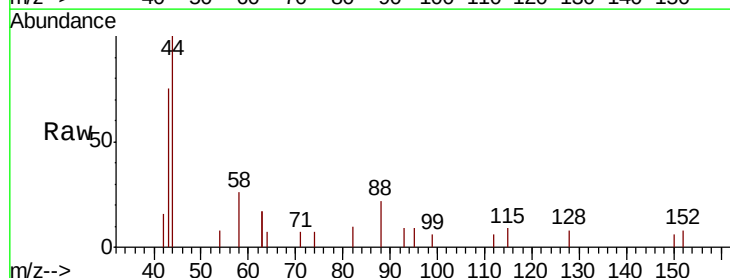
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



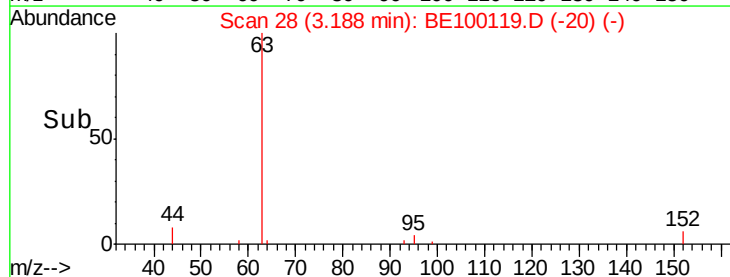
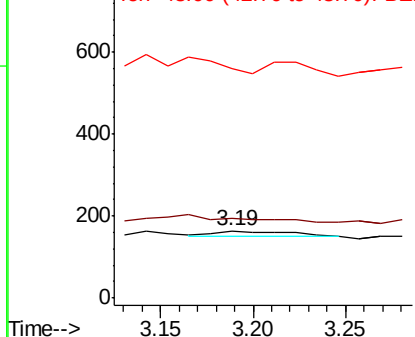
#2

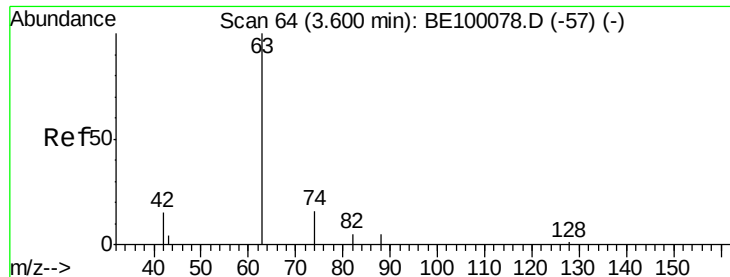
1,4-Dioxane
Concen: 0.038 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100119.D
Acq: 20 Jun 2019 22:27

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
58 0.0 51.1 76.7#
43 0.0 21.7 32.5#



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: 0.370 ng

RT: 3.60 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

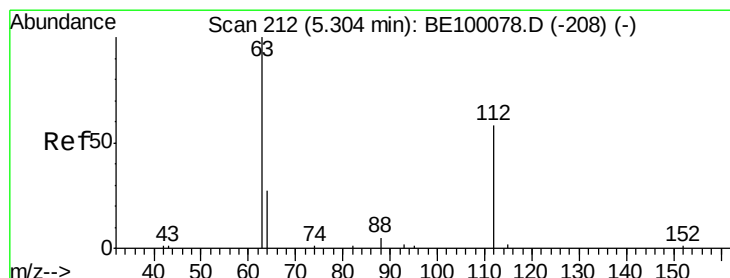
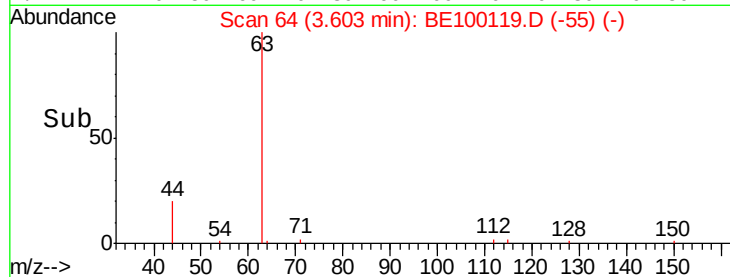
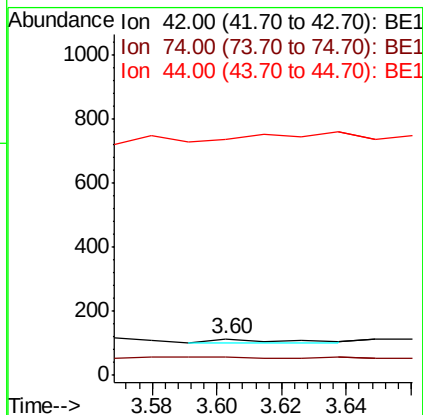
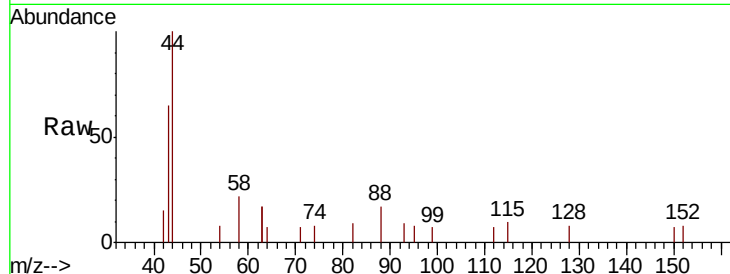
Instrument :

BNA_E

ClientSampleId :

FB_061219

Tgt Ion:	42	Resp:	15
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.193 ng

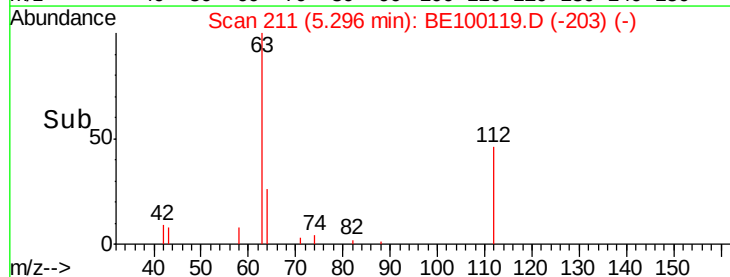
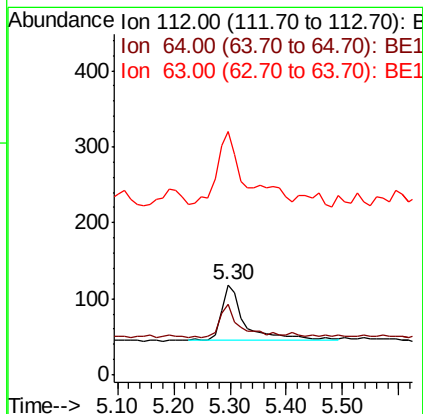
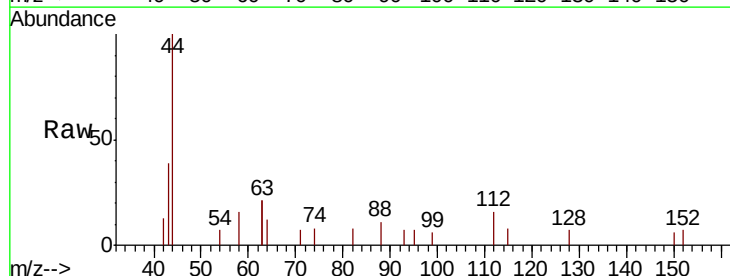
RT: 5.30 min Scan# 211

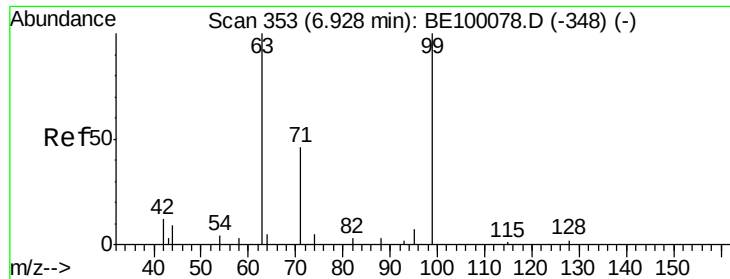
Delta R.T. -0.01 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

Tgt Ion:	112	Resp:	198
Ion	Ratio	Lower	Upper
112	100		
64	56.6	22.0	33.0#
63	128.3	121.8	182.6





#5

Phenol-d6

Concen: 0.082 ng

RT: 6.94 min Scan# 354

Delta R.T. 0.01 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

Instrument :

BNA_E

ClientSampleId :

FB_061219

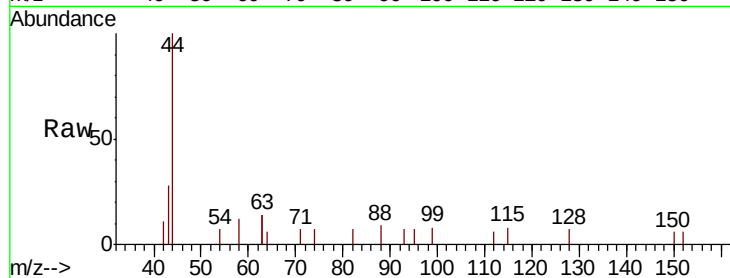
Tgt Ion: 99 Resp: 116

Ion Ratio Lower Upper

99 100

42 6.9 0.0 0.0#

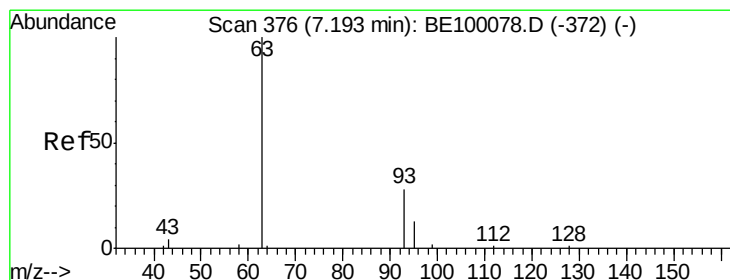
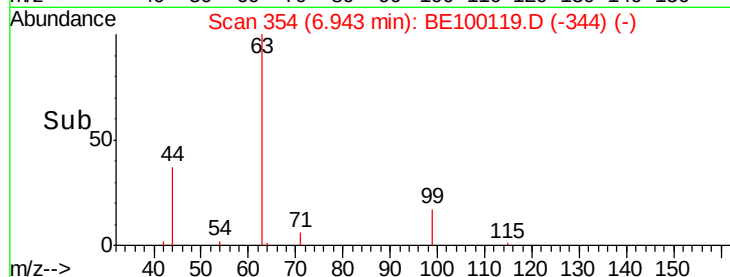
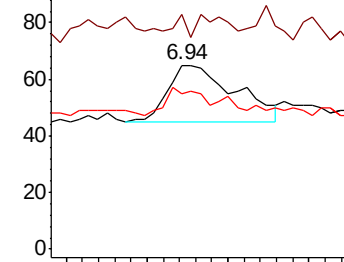
71 36.2 37.6 56.4#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.034 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

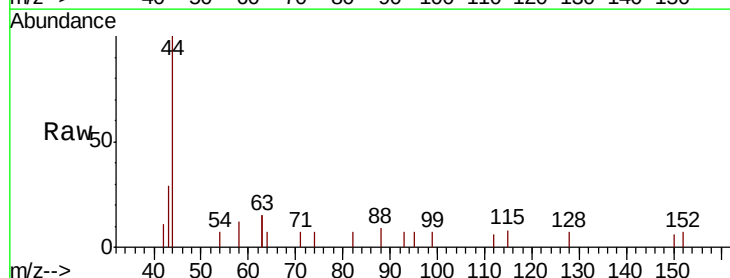
Tgt Ion: 93 Resp: 1

Ion Ratio Lower Upper

93 100

63 2300.0 200.0 300.0#

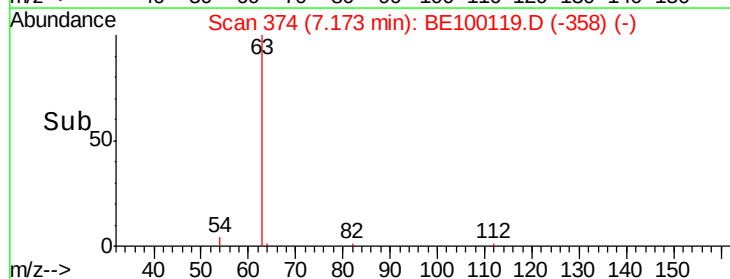
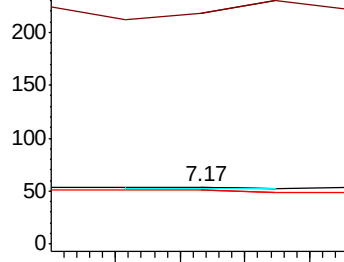
95 0.0 24.0 36.0#

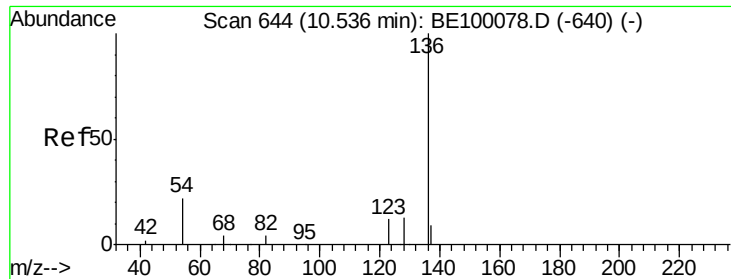


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

Instrument :

BNA_E

ClientSampleId :

FB_061219

Tgt Ion: 136 Resp: 1782

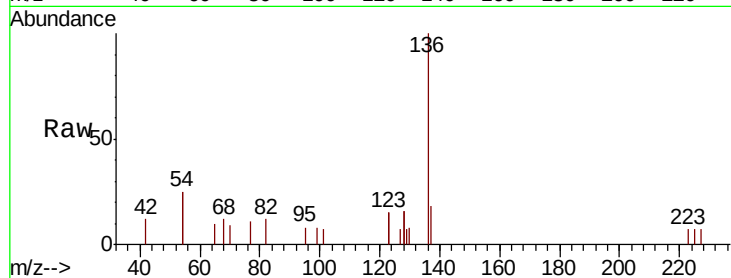
Ion Ratio Lower Upper

136 100

137 17.8 11.6 17.4#

54 49.2 33.9 50.9

68 12.1 7.8 11.8#

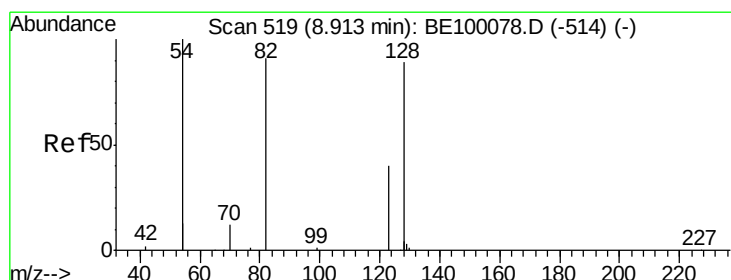
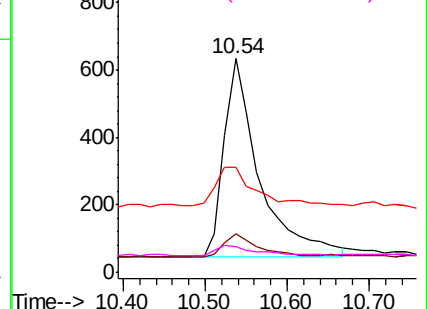
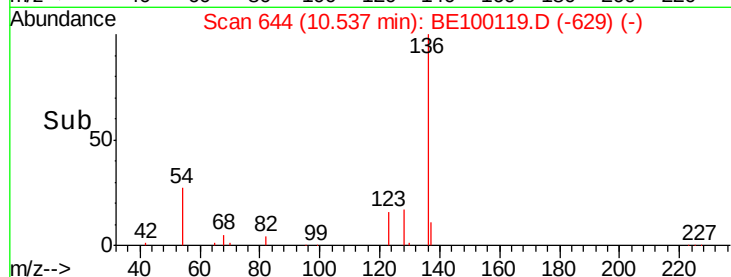


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.392 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

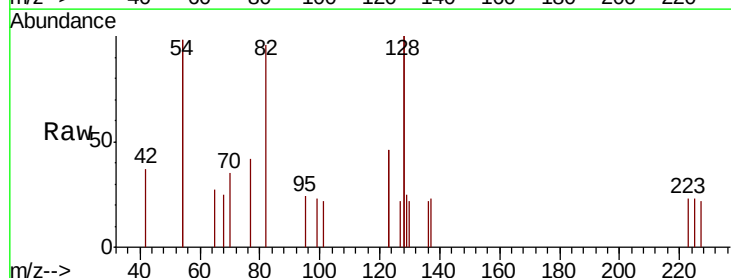
Tgt Ion: 82 Resp: 677

Ion Ratio Lower Upper

82 100

128 209.0 128.0 192.0#

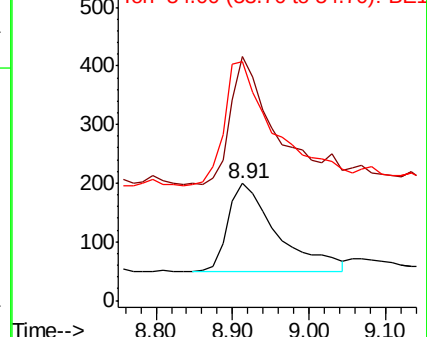
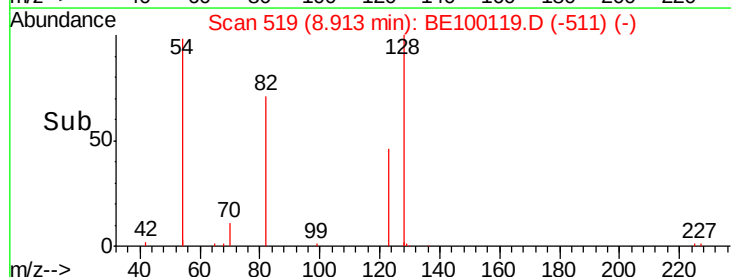
54 205.0 143.4 215.0

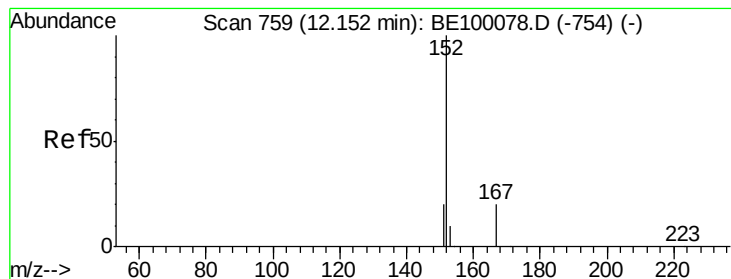


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.031 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

Instrument :

BNA_E

ClientSampleId :

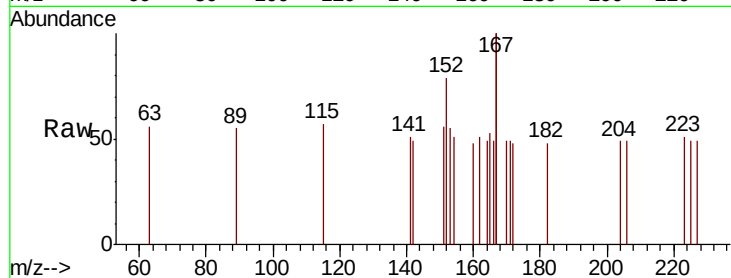
FB_061219

Tgt Ion:152 Resp: 105

Ion Ratio Lower Upper

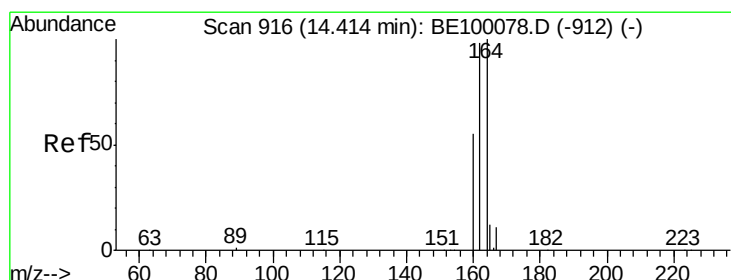
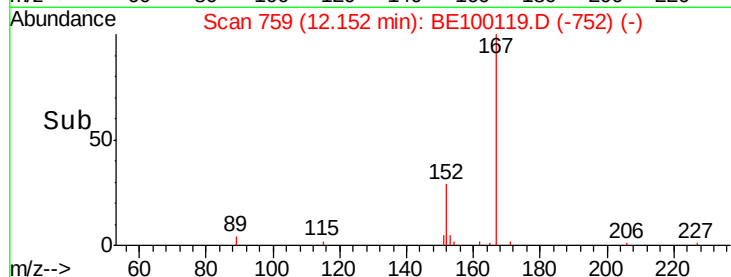
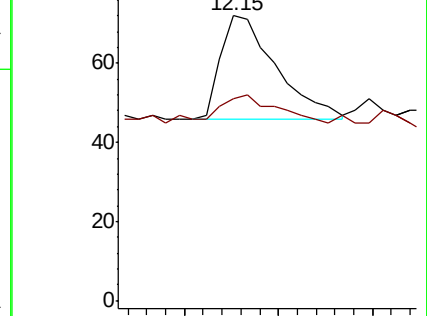
152 100

151 28.6 16.3 24.5#



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: 14.41 min Scan# 916

Delta R.T. 0.00 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

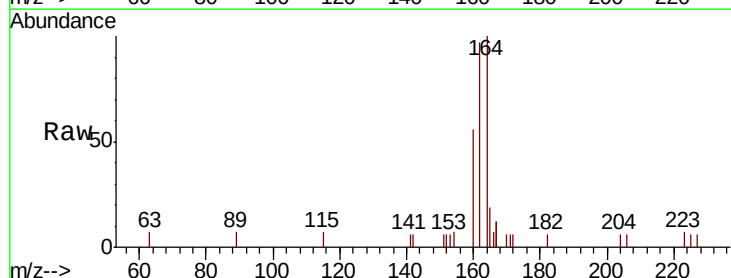
Tgt Ion:164 Resp: 1535

Ion Ratio Lower Upper

164 100

162 96.9 78.2 117.2

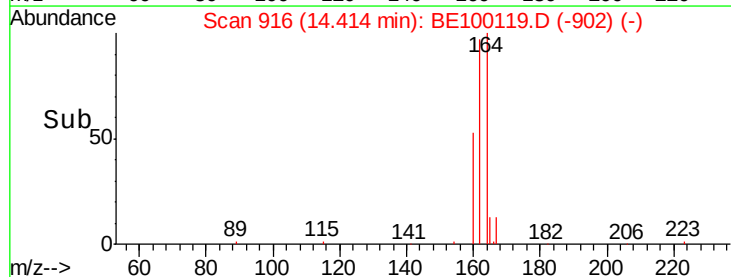
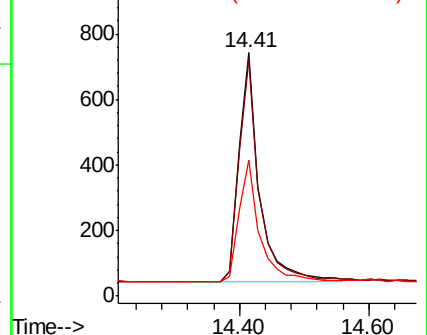
160 55.9 45.6 68.4

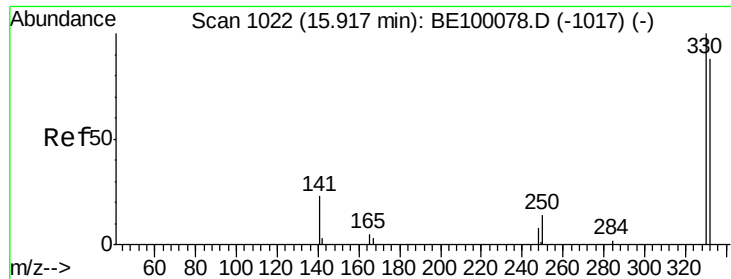


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

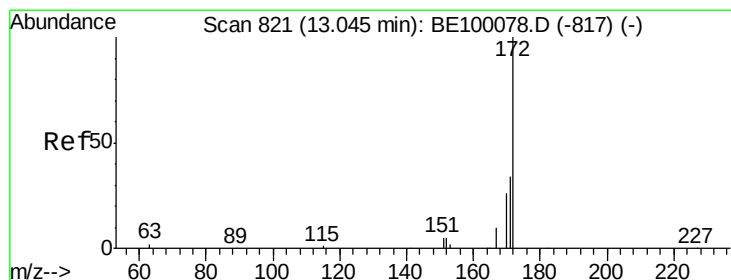
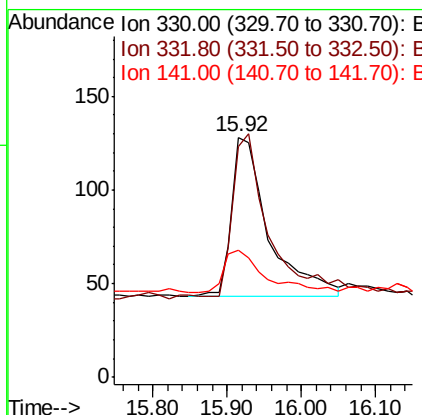
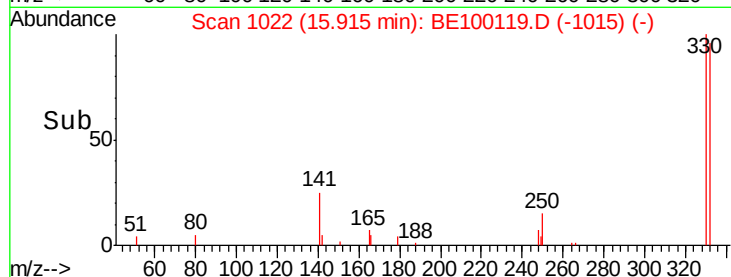
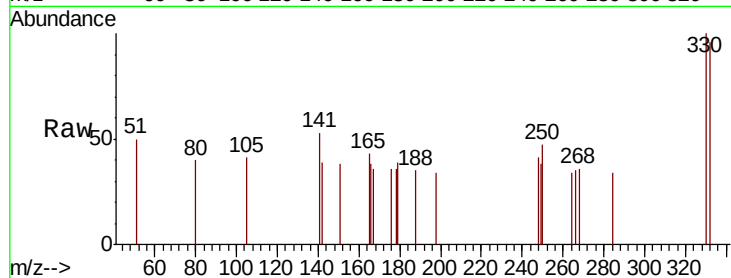




#14
 2,4,6-Tribromophenol
 Concen: 0.352 ng
 RT: 15.92 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BE100119.D
 Acq: 20 Jun 2019 22:27

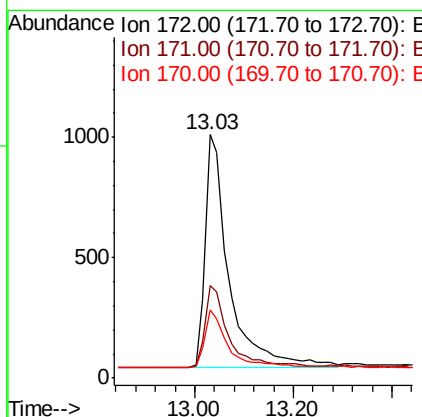
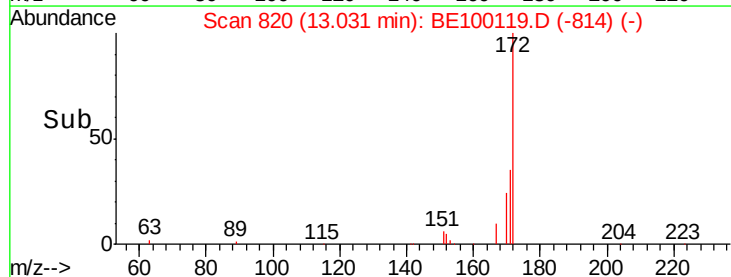
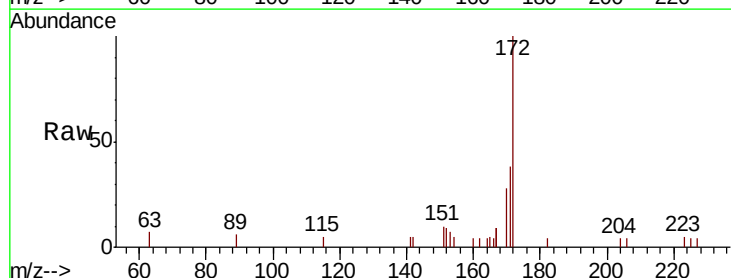
Instrument :
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 FB_061219

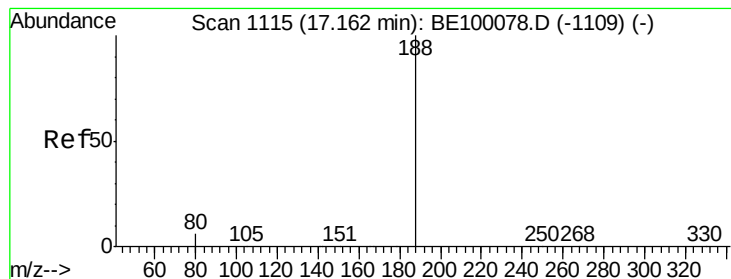
Tgt Ion: 330 Resp: 298
 Ion Ratio Lower Upper
 330 100
 332 107.4 73.3 109.9
 141 30.2 22.2 33.2



#15
 2-Fluorobiphenyl
 Concen: 0.537 ng
 RT: 13.03 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BE100119.D
 Acq: 20 Jun 2019 22:27

Tgt Ion: 172 Resp: 3244
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.8 44.8
 170 27.8 23.2 34.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

Instrument :

BNA_E

ClientSampleId :

FB_061219

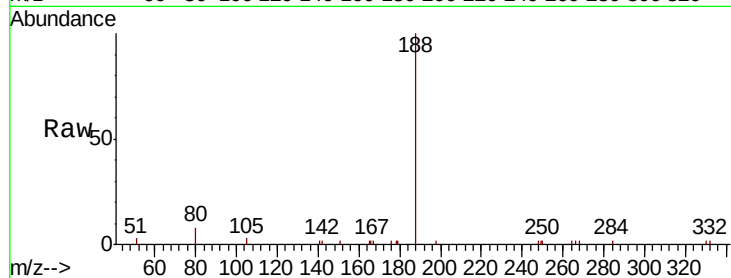
Tgt Ion:188 Resp: 5299

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

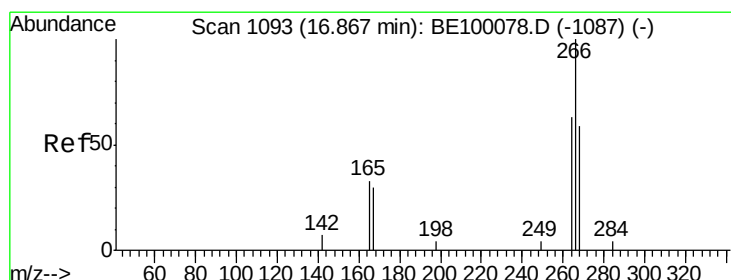
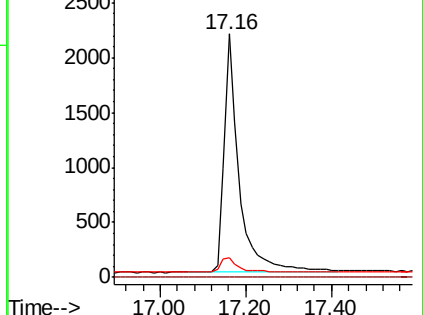
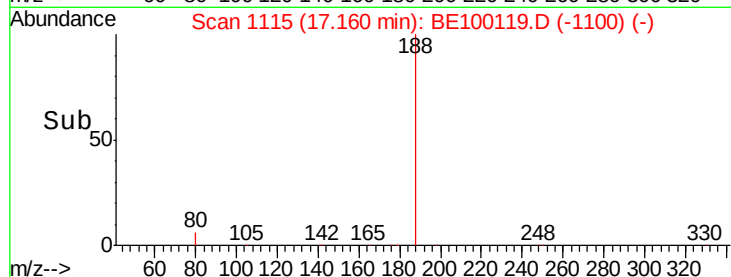
80 8.0 6.3 9.5



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: 0.248 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

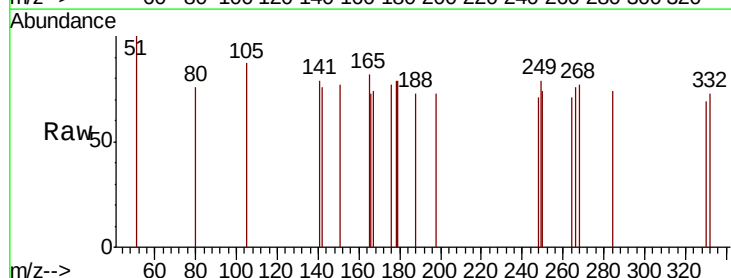
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.6 67.8 101.6

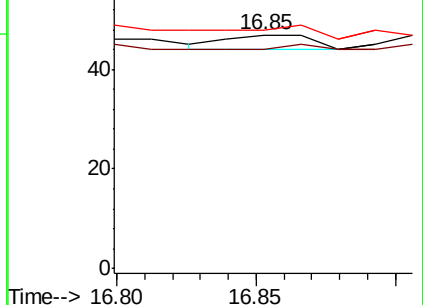
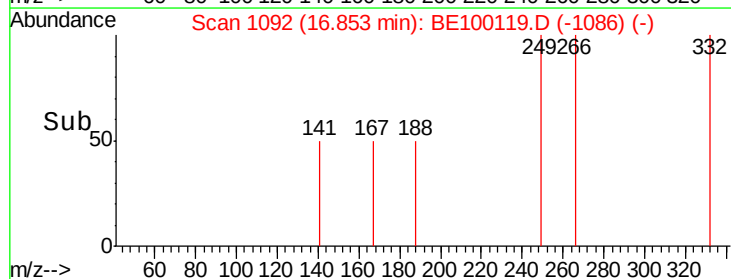
268 102.1 70.0 105.0

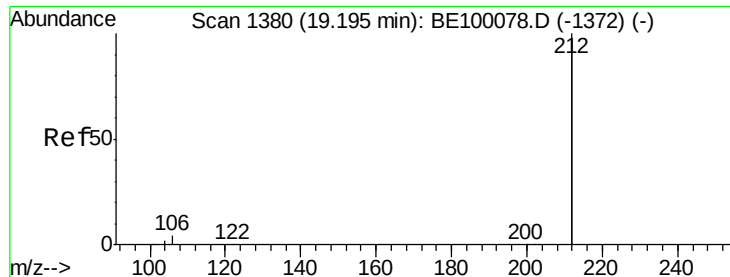


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.037 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

Instrument :

BNA_E

ClientSampleId :

FB_061219

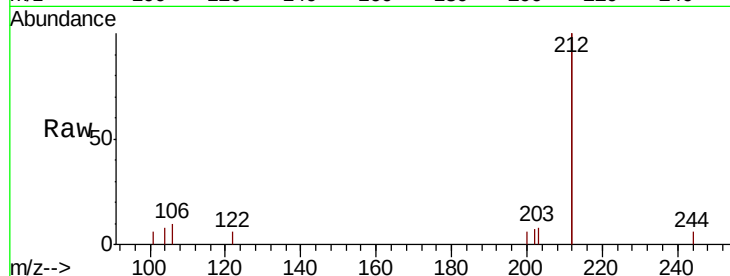
Tgt Ion:212 Resp: 2812

Ion Ratio Lower Upper

212 100

106 1.4 1.4 2.0#

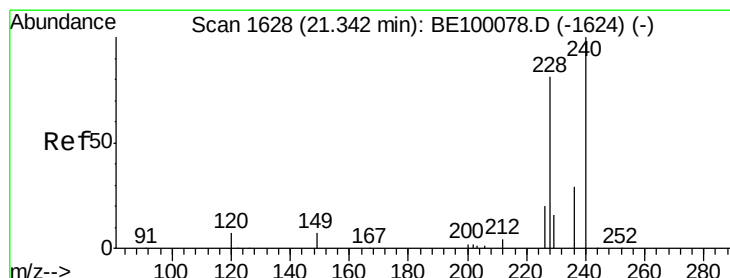
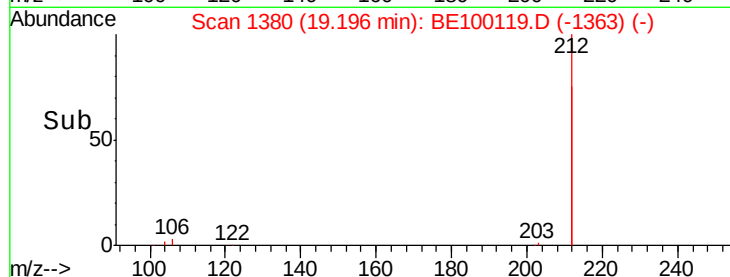
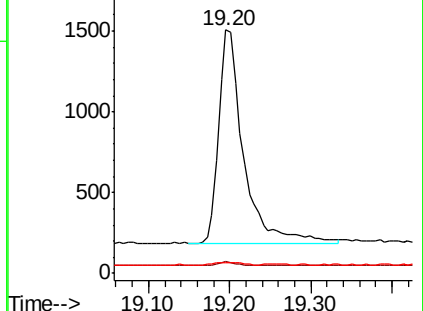
104 1.4 0.8 1.2#



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: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

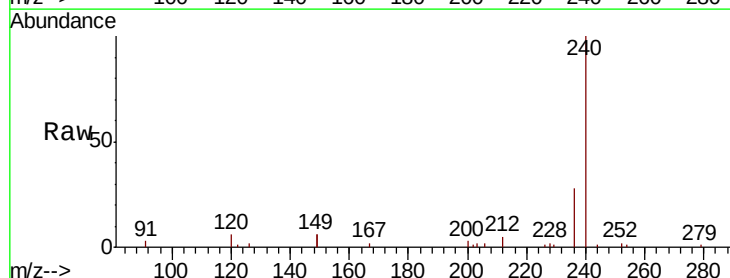
Tgt Ion:240 Resp: 8316

Ion Ratio Lower Upper

240 100

120 6.1 6.6 10.0#

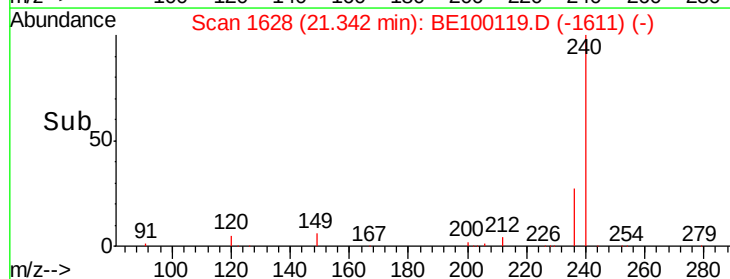
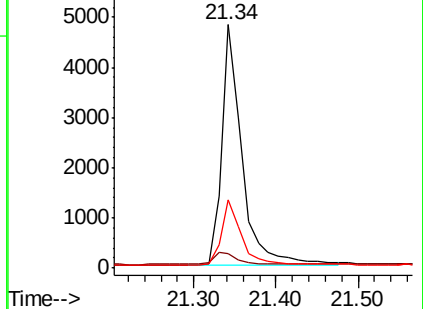
236 28.1 23.8 35.6

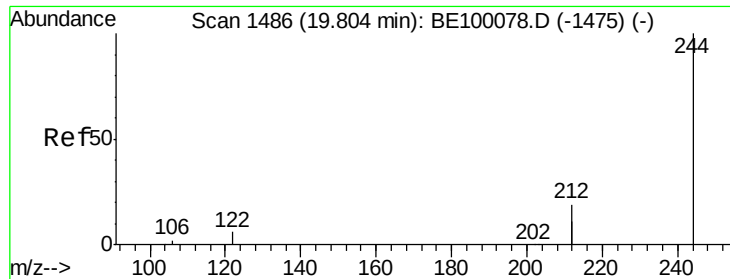


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.518 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

Instrument :

BNA_E

ClientSampleId :

FB_061219

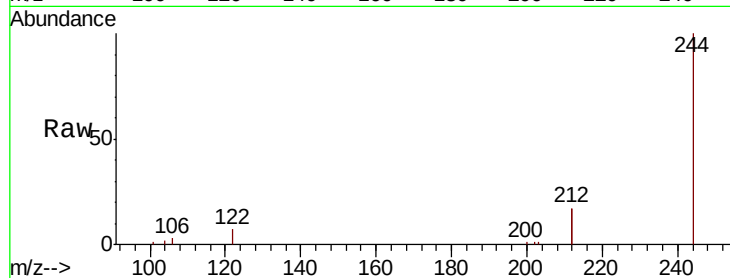
Tgt Ion:244 Resp: 8606

Ion Ratio Lower Upper

244 100

212 33.7 29.8 44.8

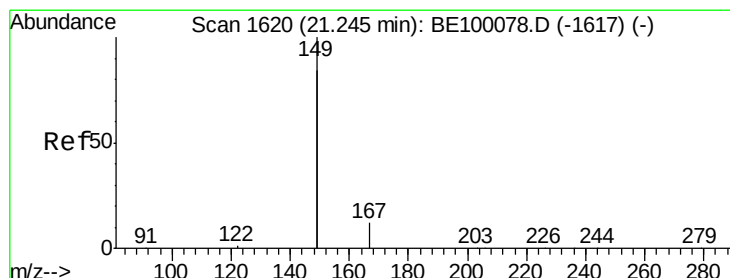
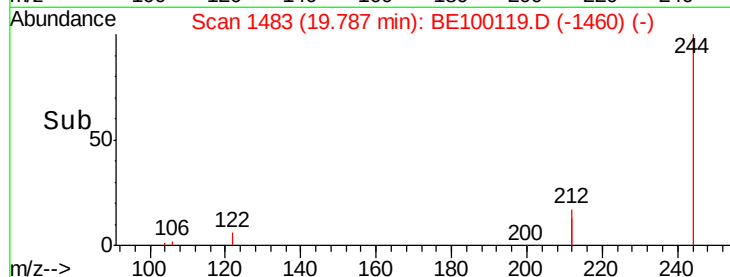
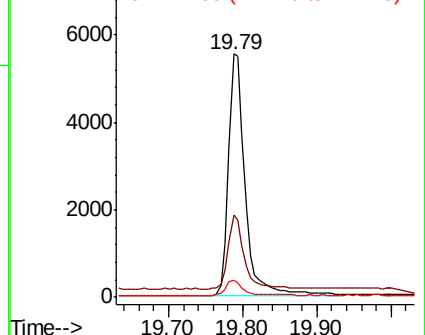
122 7.2 6.1 9.1



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: 0.119 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

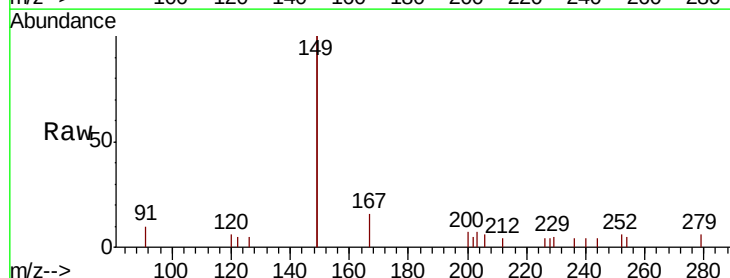
Tgt Ion:149 Resp: 2783

Ion Ratio Lower Upper

149 100

167 7.3 5.8 8.6

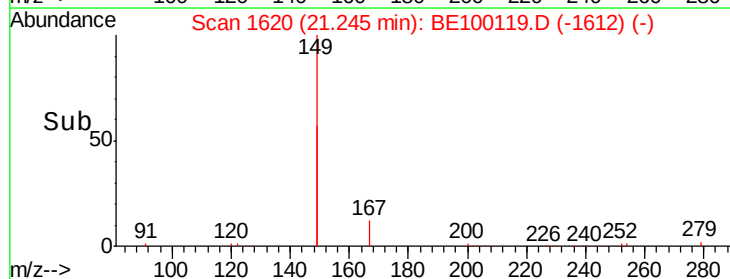
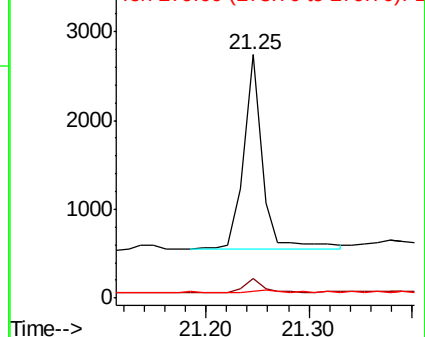
279 1.7 1.1 1.7

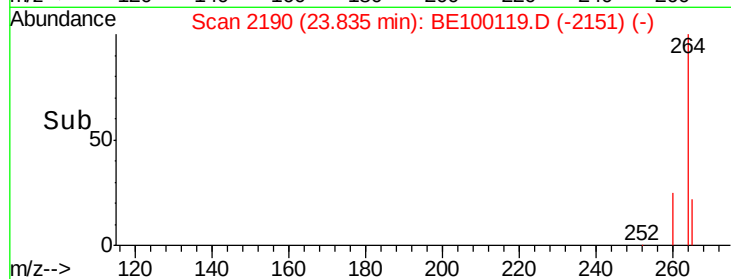
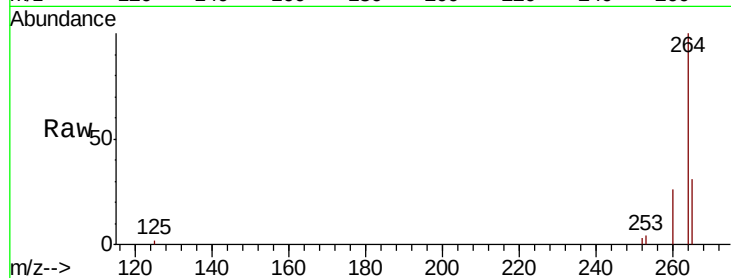
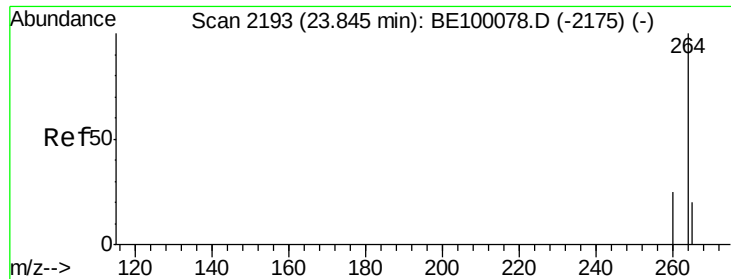


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.83 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BE100119.D

Acq: 20 Jun 2019 22:27

Instrument :

BNA_E

ClientSampleId :

FB_061219

Tgt Ion:264 Resp: 9650

Ion Ratio Lower Upper

264 100

260 25.7 20.8 31.2

265 31.2 23.2 34.8

