

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
 Data File : BE100126.D
 Acq On : 21 Jun 2019 2:40
 Operator : JU/SJ
 Sample : K3345-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB_061119

Quant Time: Jun 21 06:51:35 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	7.72	152	687	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	2501	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	2432	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	8871	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	11419	0.40	ng	0.00
34) Perylene-d12	23.84	264	13479	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	363	0.25	ng	-0.01
5) Phenol-d6	6.91	99	252	0.13	ng	-0.02
8) Nitrobenzene-d5	8.89	82	1076	0.44	ng	-0.03
11) 2-Methylnaphthalene-d10	12.14	152	160	0.03	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	851	0.63	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	4086	0.43	ng	-0.03
25) Fluoranthene-d10	19.20	212	4543	0.04	ng	0.00
29) Terphenyl-d14	19.79	244	12691	0.56	ng	-0.02

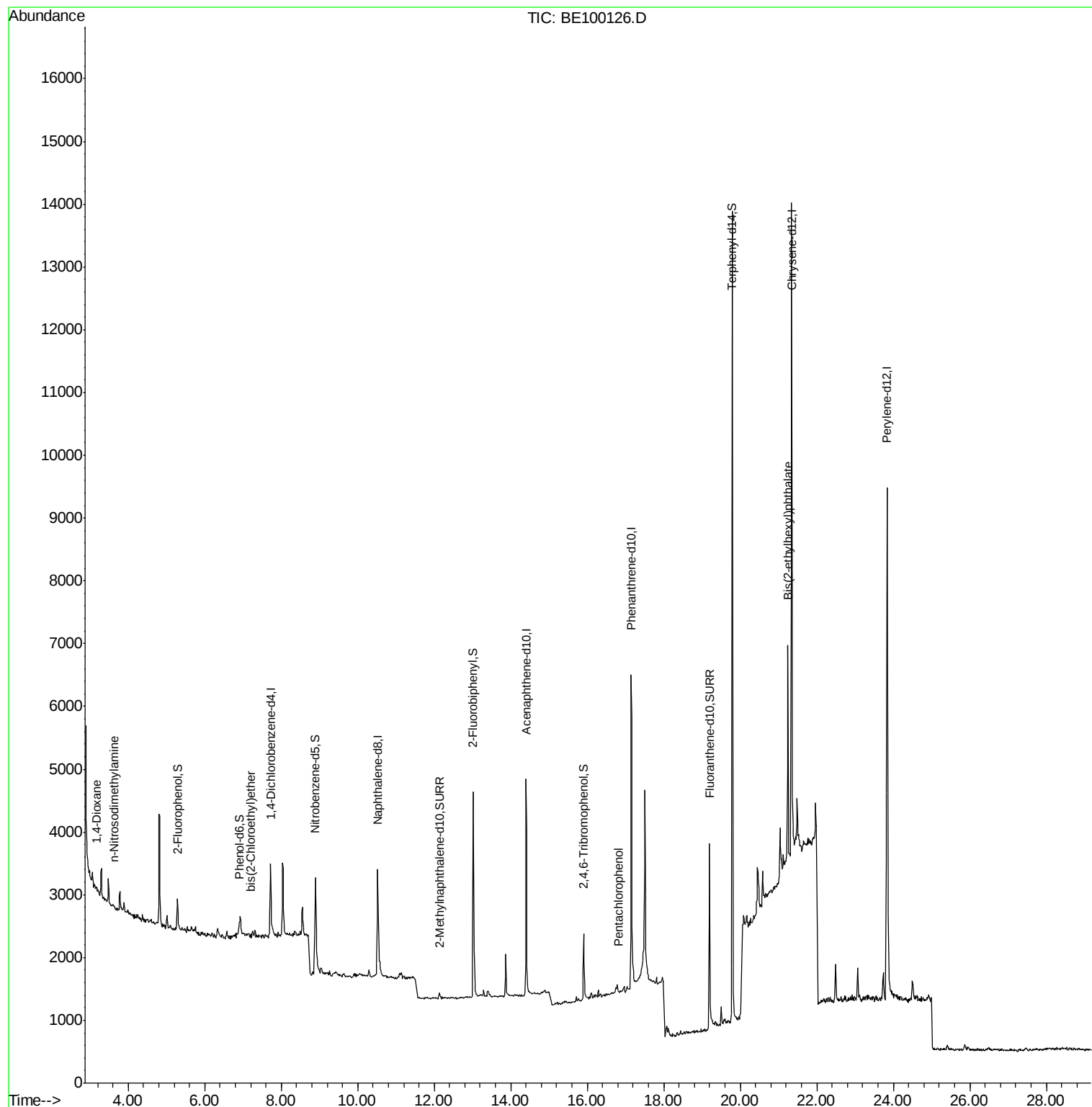
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	48	0.044	ng	# 27
3) n-Nitrosodimethylamine	3.62	42	32	0.386	ng	# 100
6) bis(2-Chloroethyl)ether	7.19	93	9	0.038	ng	# 1
22) Pentachlorophenol	16.81	266	2	0.243	ng	85
32) Bis(2-ethylhexyl)phthalate	21.25	149	4182	0.130	ng	100

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Jun 21 06:51:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

Instrument :

BNA_E

ClientSampleId :

FB_061119

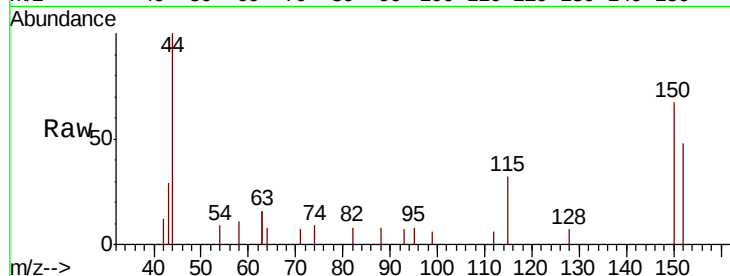
Tgt Ion: 152 Resp: 687

Ion Ratio Lower Upper

152 100

150 140.3 99.8 149.8

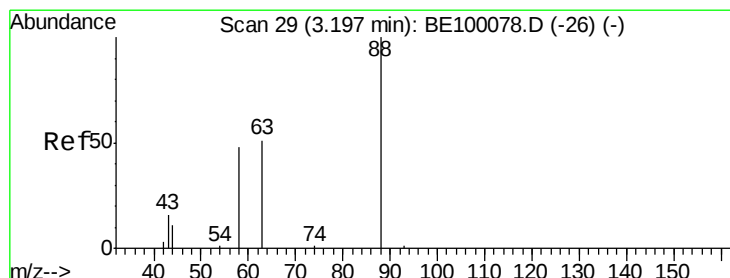
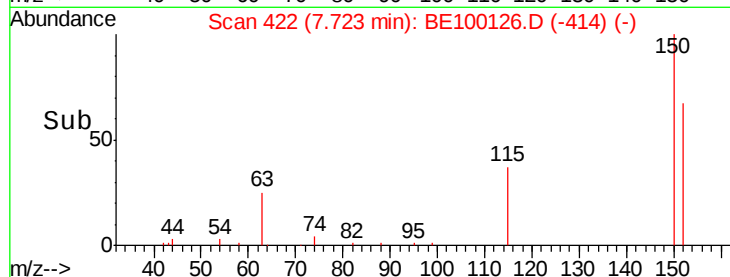
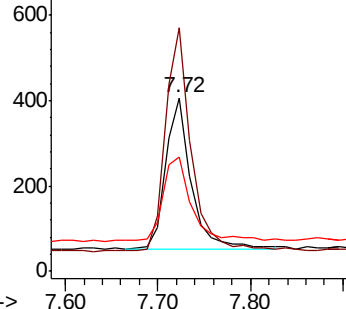
115 65.6 51.3 76.9



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: 0.044 ng

RT: 3.19 min Scan# 28

Delta R.T. -0.01 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

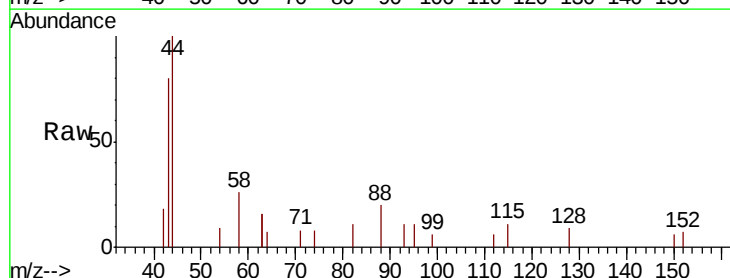
Tgt Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

58 0.0 51.1 76.7#

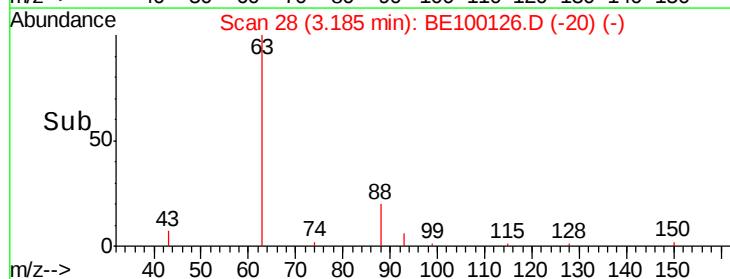
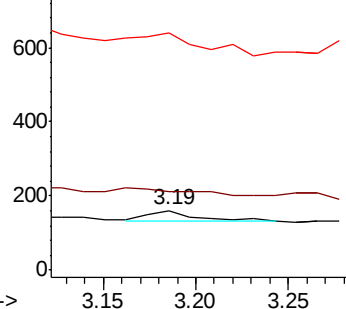
43 0.0 21.7 32.5#



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: 0.386 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

Instrument :

BNA_E

ClientSampled :

FB_061119

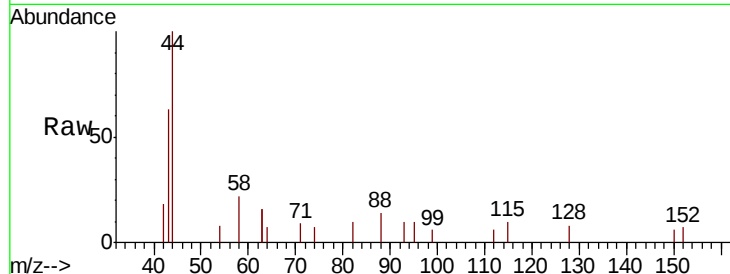
Tgt Ion: 42 Resp: 32

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

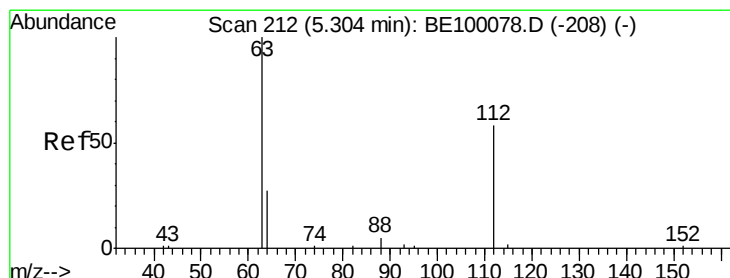
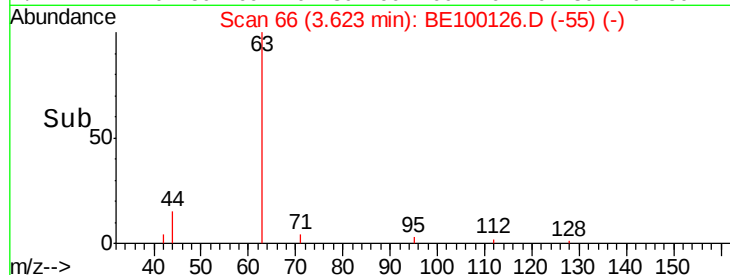
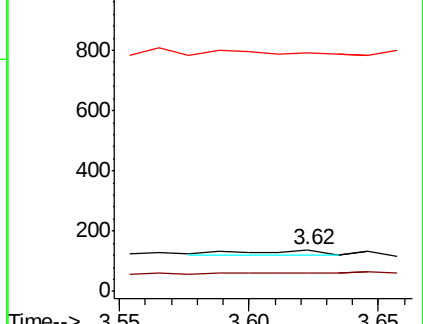
44 0.0 0.0 0.0



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: 0.255 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

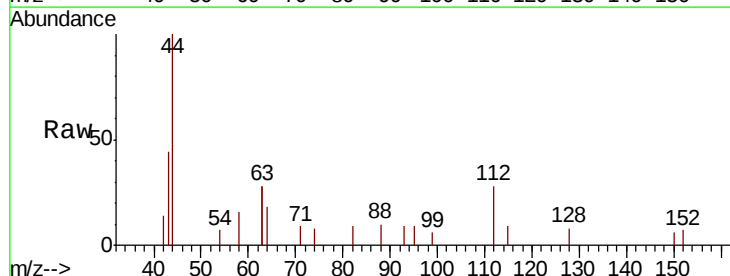
Tgt Ion: 112 Resp: 363

Ion Ratio Lower Upper

112 100

64 53.2 22.0 33.0#

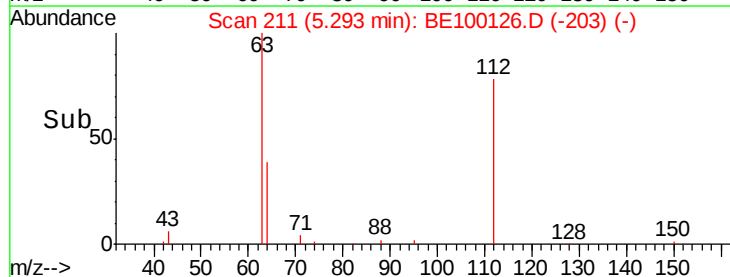
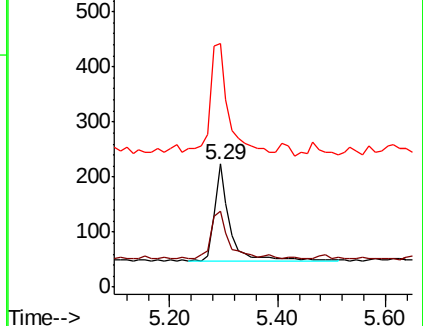
63 118.7 121.8 182.6#



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: 0.129 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

Instrument :

BNA_E

ClientSampleId :

FB_061119

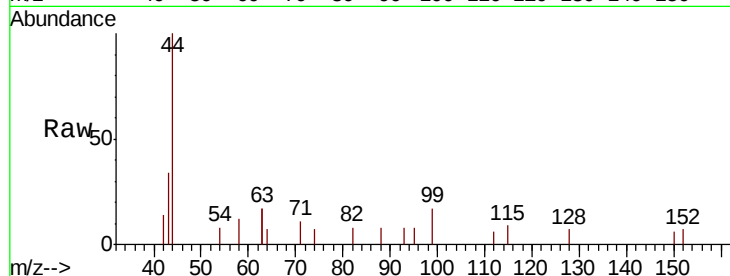
Tgt Ion: 99 Resp: 252

Ion Ratio Lower Upper

99 100

42 25.4 0.0 0.0#

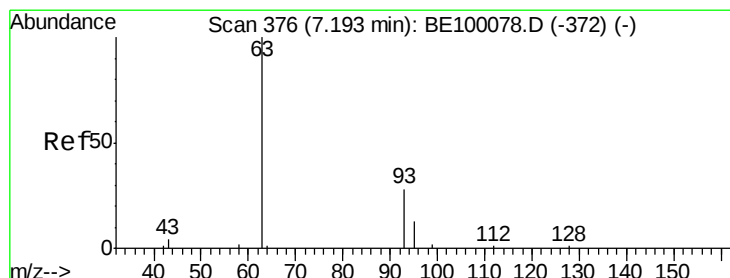
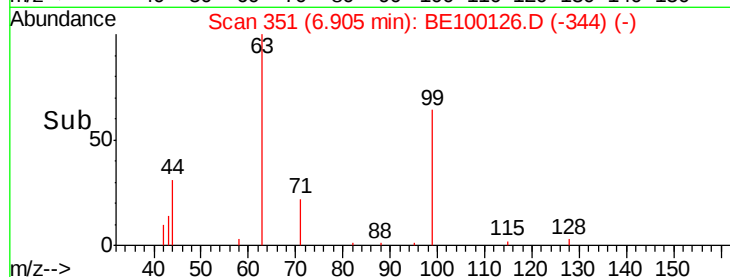
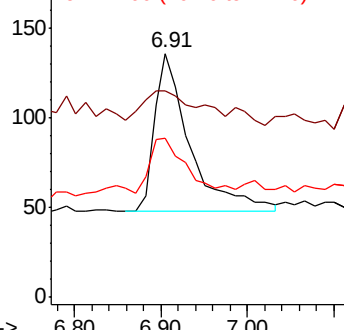
71 35.7 37.6 56.4#



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: 0.038 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

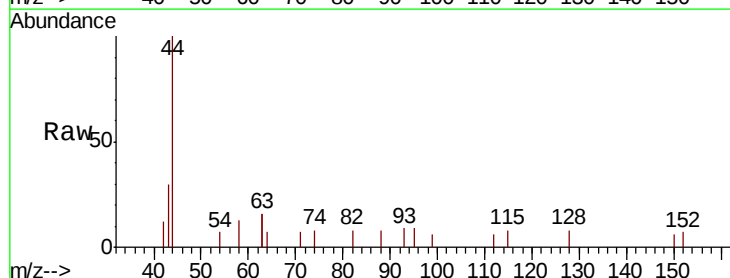
Tgt Ion: 93 Resp: 9

Ion Ratio Lower Upper

93 100

63 0.0 200.0 300.0#

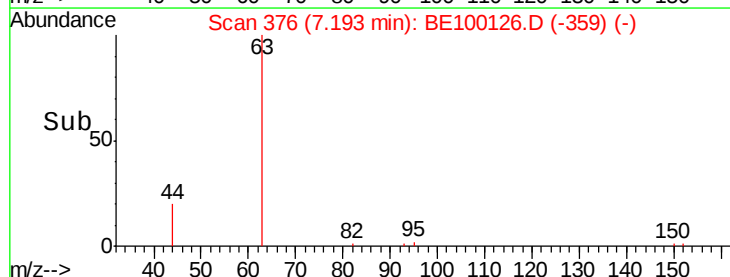
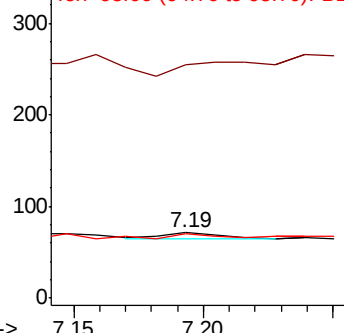
95 111.1 24.0 36.0#



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: 10.52 min Scan# 644

Delta R.T. -0.01 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

Instrument :

BNA_E

ClientSampleId :

FB_061119

Tgt Ion: 136 Resp: 2501

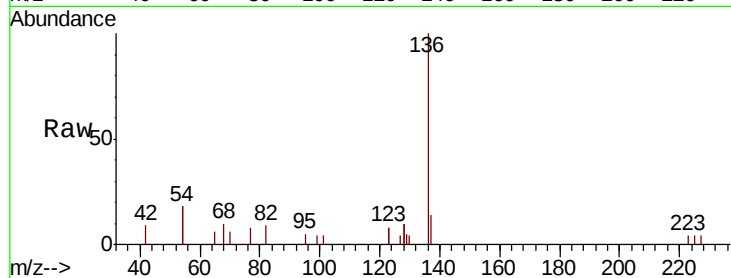
Ion Ratio Lower Upper

136 100

137 13.6 11.6 17.4

54 36.2 33.9 50.9

68 9.7 7.8 11.8

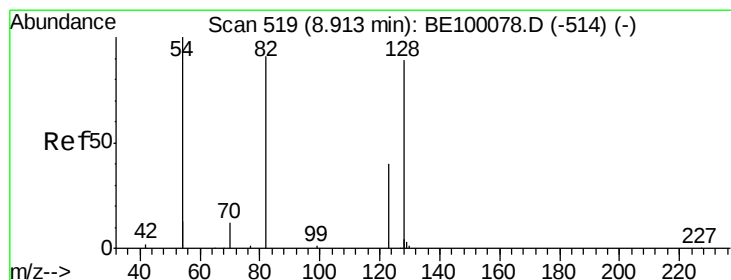
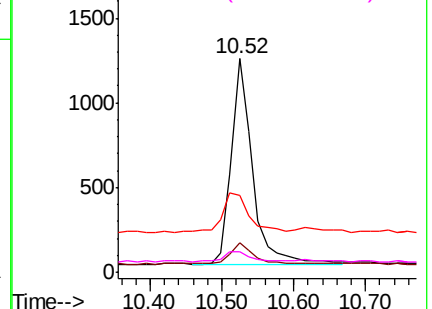
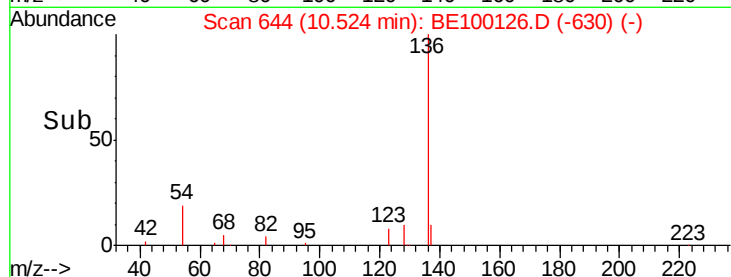


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.444 ng

RT: 8.89 min Scan# 518

Delta R.T. -0.03 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

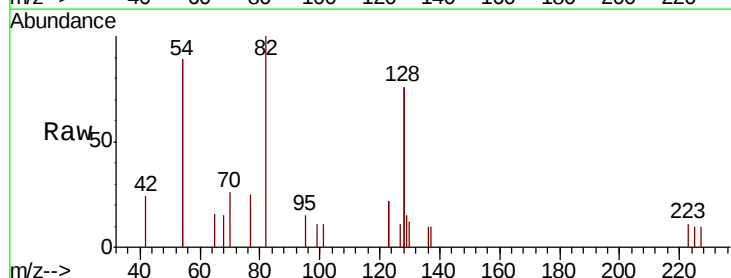
Tgt Ion: 82 Resp: 1076

Ion Ratio Lower Upper

82 100

128 151.1 128.0 192.0

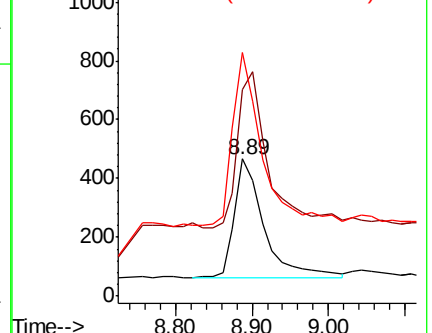
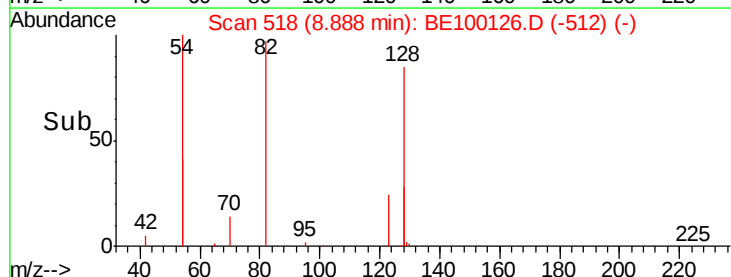
54 177.7 143.4 215.0

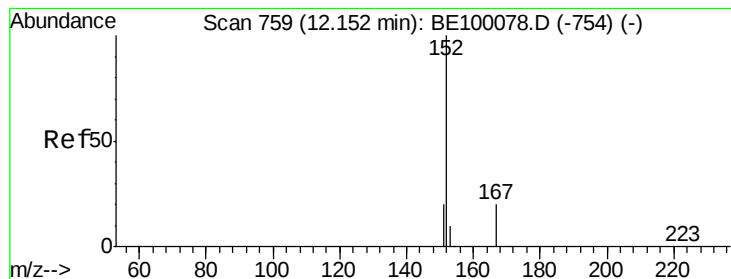


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.034 ng

RT: 12.14 min Scan# 759

Delta R.T. -0.01 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

Instrument :

BNA_E

ClientSampleId :

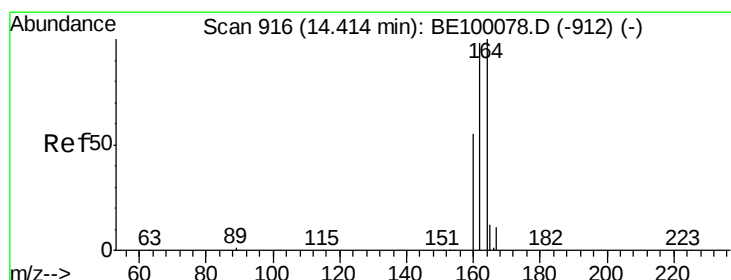
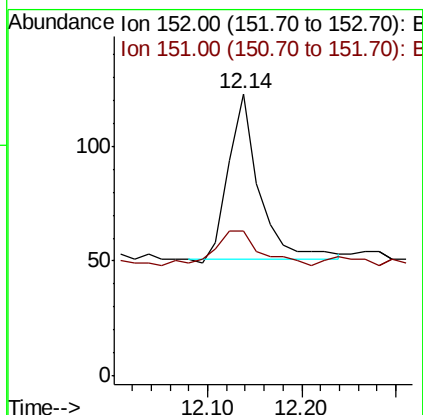
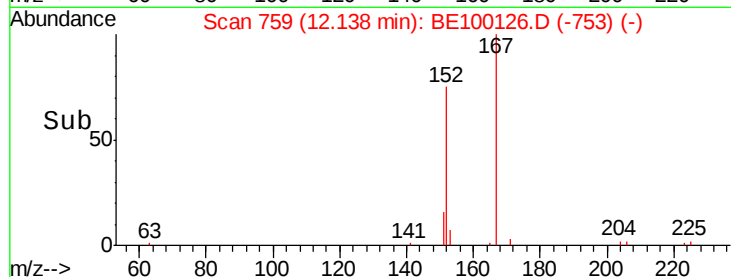
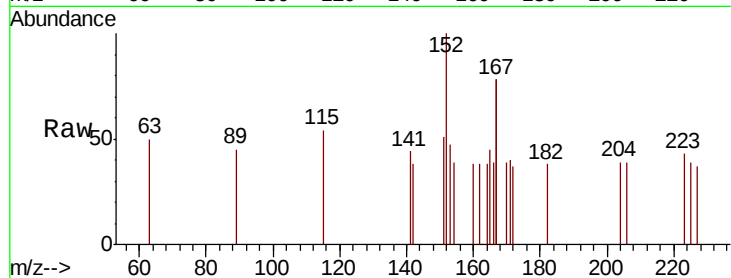
FB_061119

Tgt Ion:152 Resp: 160

Ion Ratio Lower Upper

152 100

151 30.0 16.3 24.5#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 916

Delta R.T. -0.01 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

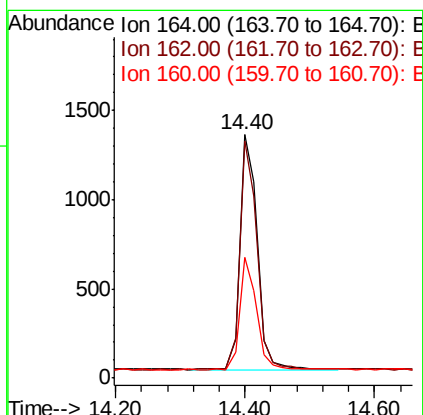
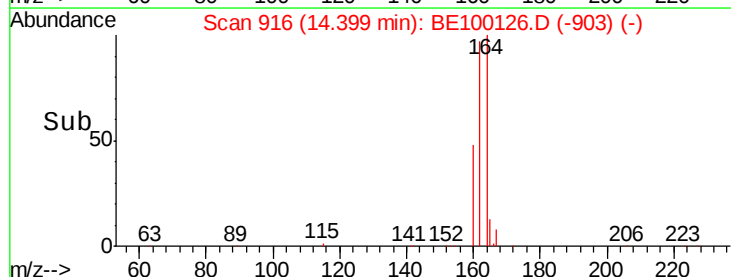
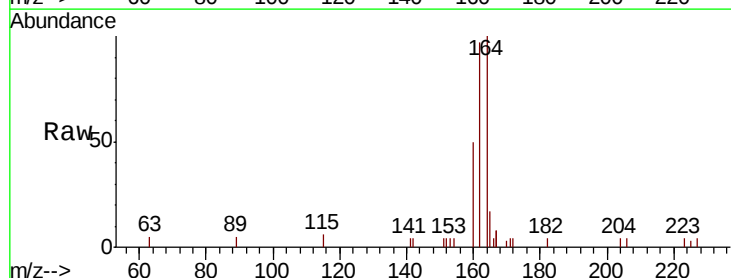
Tgt Ion:164 Resp: 2432

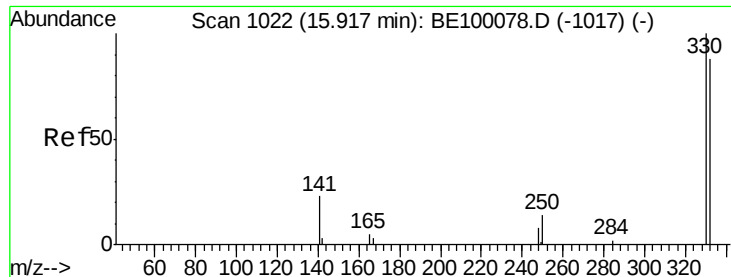
Ion Ratio Lower Upper

164 100

162 97.4 78.2 117.2

160 49.6 45.6 68.4

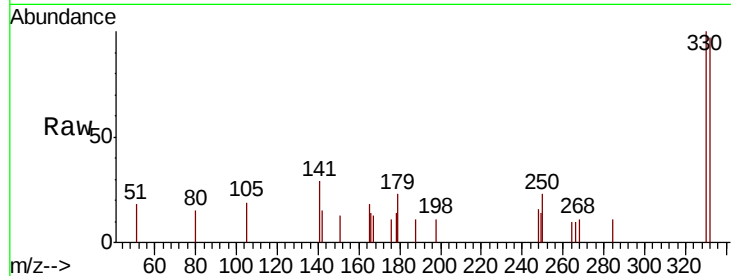




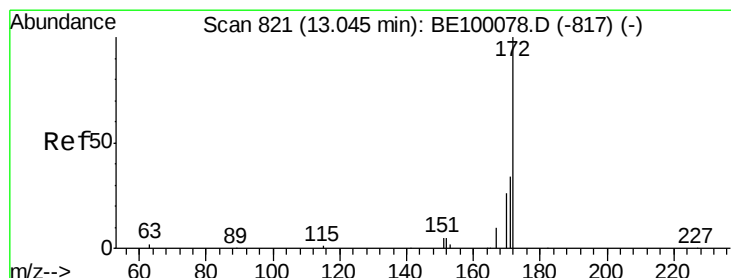
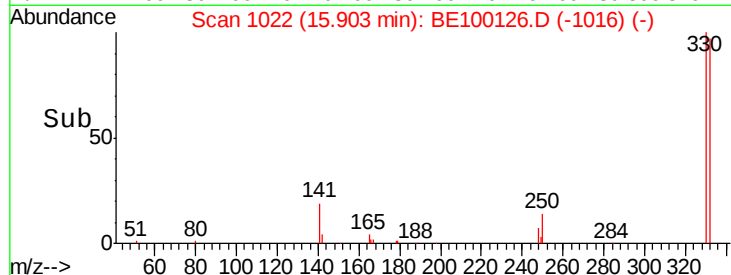
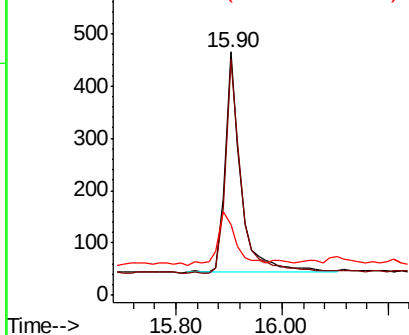
#14
 2,4,6-Tribromophenol
 Concen: 0.634 ng
 RT: 15.90 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BE100126.D
 Acq: 21 Jun 2019 2:40

Instrument :
 BNA_E
 ClientSampleId :
 FB_061119

Tgt Ion: 330 Resp: 851
 Ion Ratio Lower Upper
 330 100
 332 98.4 73.3 109.9
 141 28.6 22.2 33.2

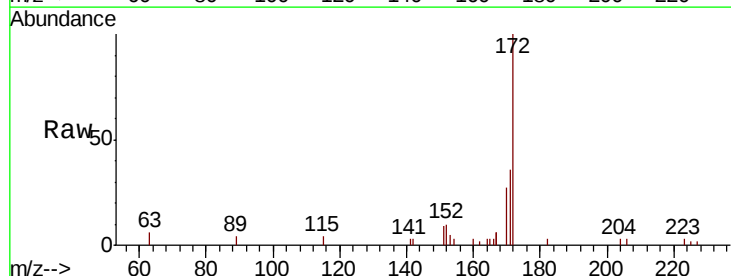


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

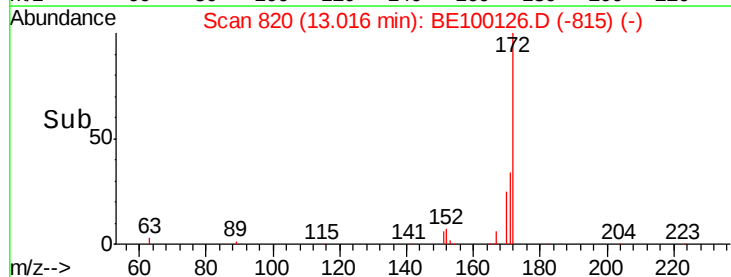
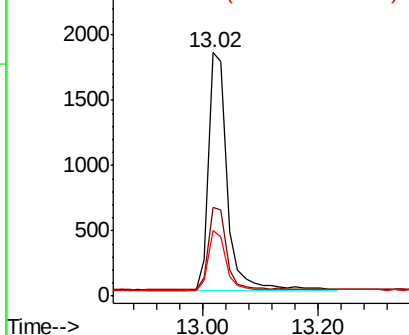


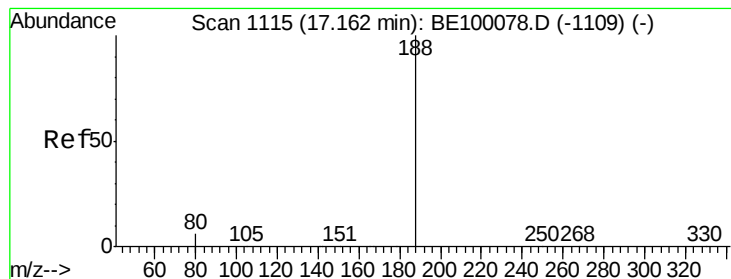
#15
 2-Fluorobiphenyl
 Concen: 0.427 ng
 RT: 13.02 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BE100126.D
 Acq: 21 Jun 2019 2:40

Tgt Ion: 172 Resp: 4086
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.8 44.8
 170 27.2 23.2 34.8



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: 17.15 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

Instrument :

BNA_E

ClientSampleId :

FB_061119

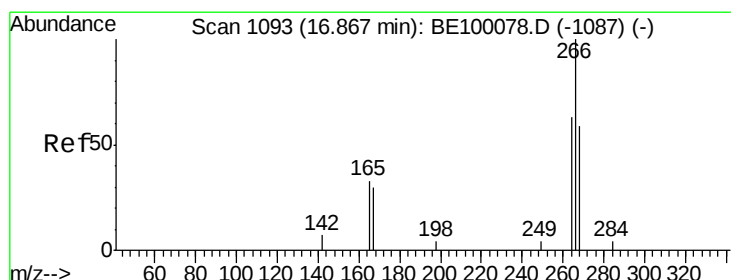
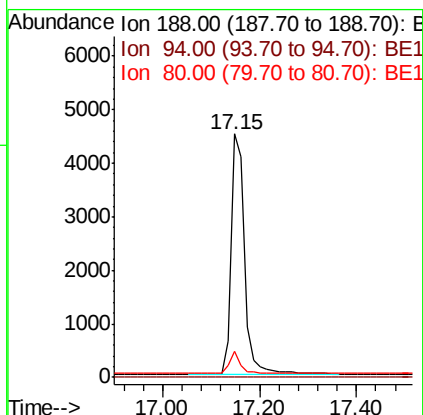
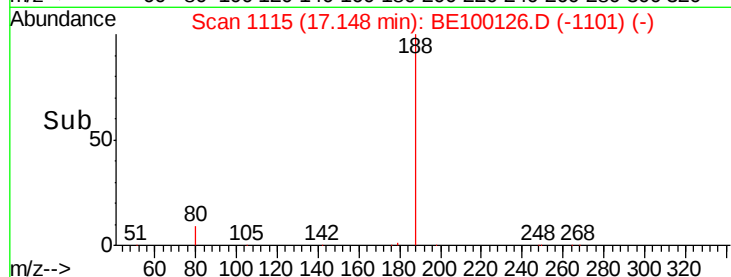
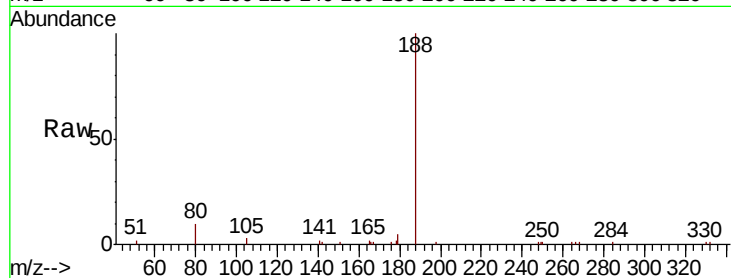
Tgt Ion:188 Resp: 8871

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 6.3 9.5#



#22

Pentachlorophenol

Concen: 0.243 ng

RT: 16.81 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

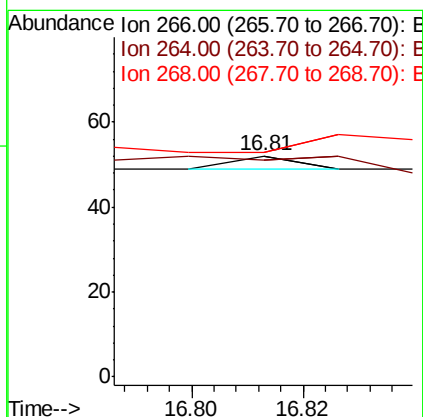
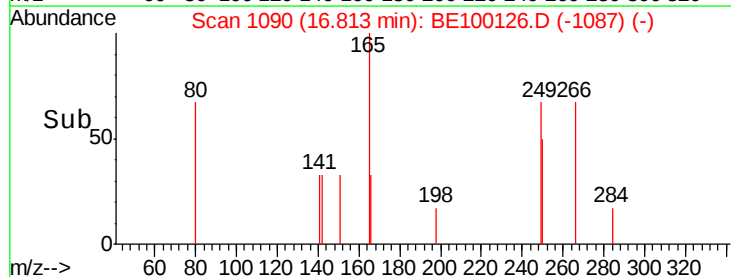
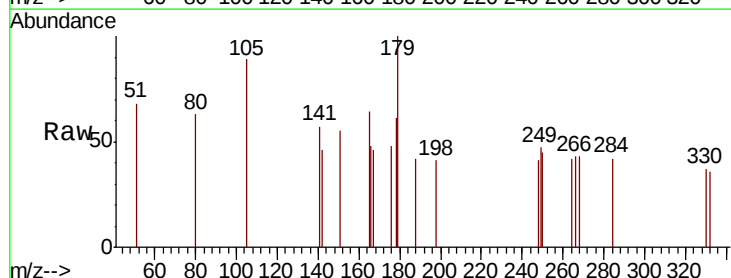
Tgt Ion:266 Resp: 2

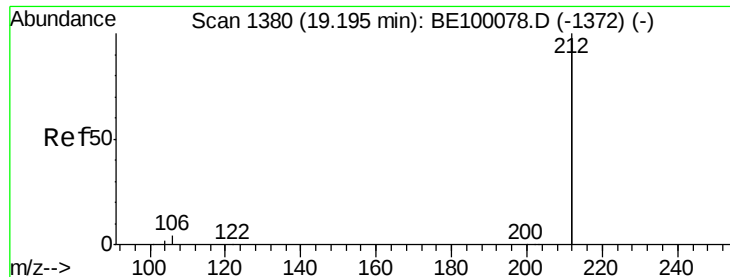
Ion Ratio Lower Upper

266 100

264 98.1 67.8 101.6

268 101.9 70.0 105.0

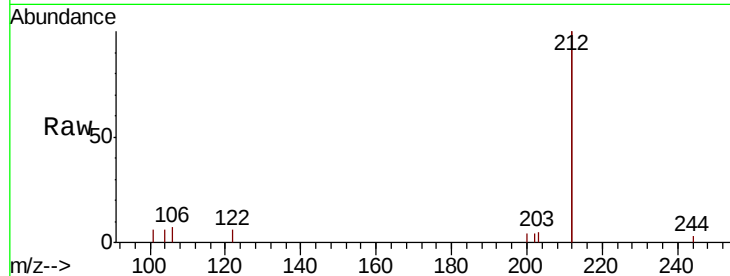




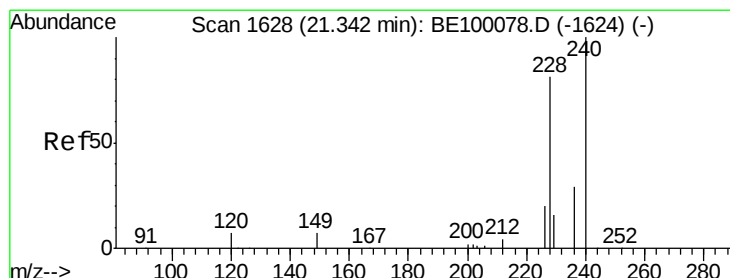
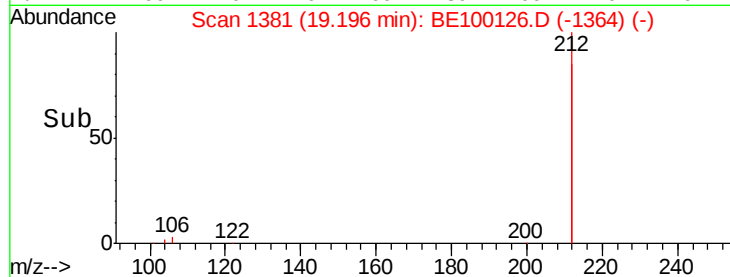
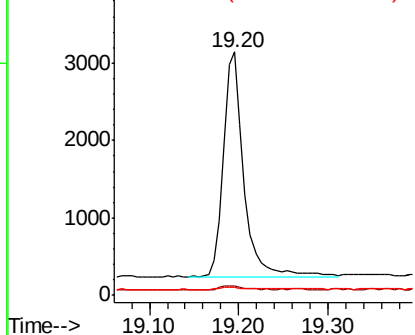
#25
Fluoranthene-d10
Concen: 0.036 ng
RT: 19.20 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BE100126.D
Acq: 21 Jun 2019 2:40

Instrument :
BNA_E
ClientSampleId :
FB_061119

Tgt Ion:212 Resp: 4543
Ion Ratio Lower Upper
212 100
106 2.5 1.4 2.0#
104 1.6 0.8 1.2#

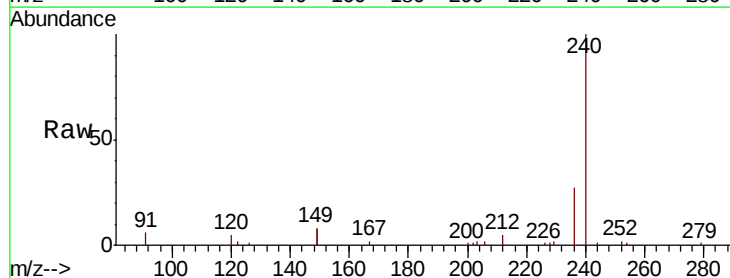


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

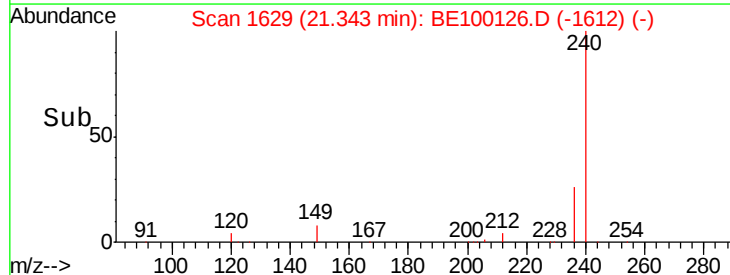
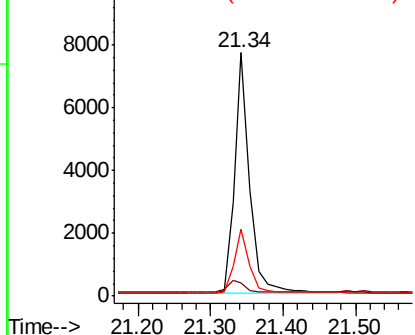


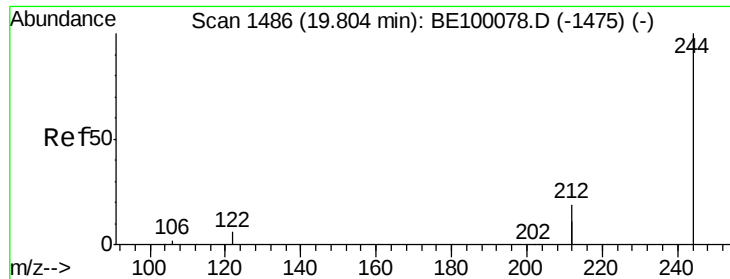
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100126.D
Acq: 21 Jun 2019 2:40

Tgt Ion:240 Resp: 11419
Ion Ratio Lower Upper
240 100
120 5.3 6.6 10.0#
236 27.3 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: 0.556 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

Instrument :

BNA_E

ClientSampleId :

FB_061119

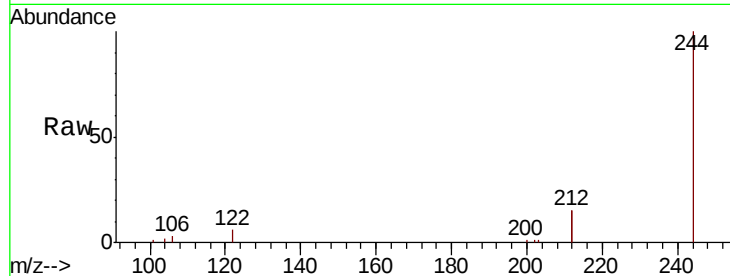
Tgt Ion:244 Resp: 12691

Ion Ratio Lower Upper

244 100

212 30.1 29.8 44.8

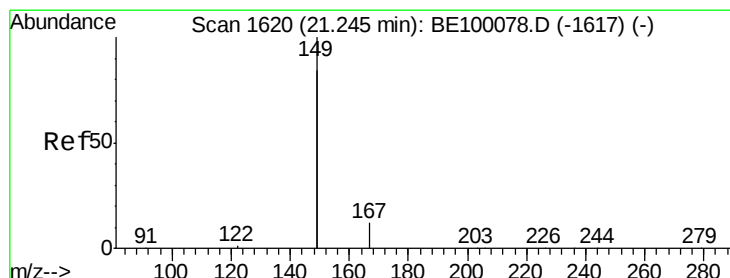
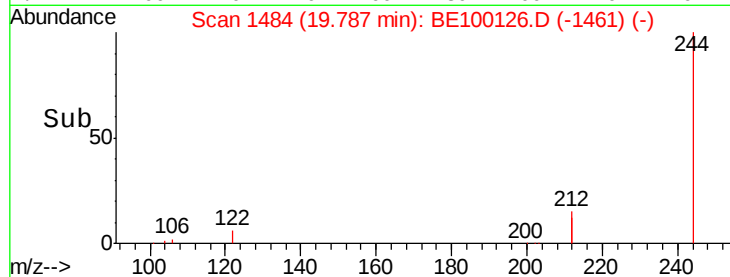
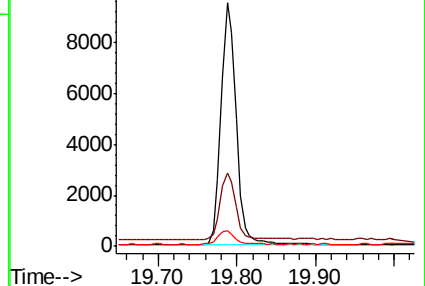
122 6.4 6.1 9.1



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: 0.130 ng

RT: 21.25 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

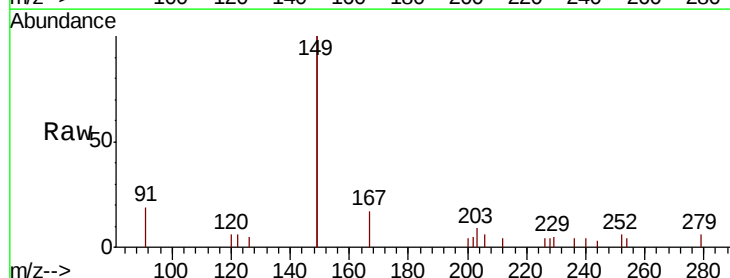
Tgt Ion:149 Resp: 4182

Ion Ratio Lower Upper

149 100

167 7.1 5.8 8.6

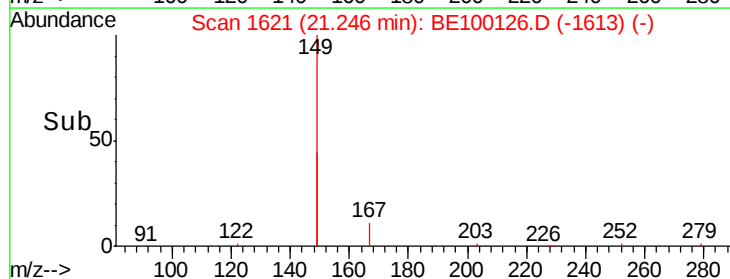
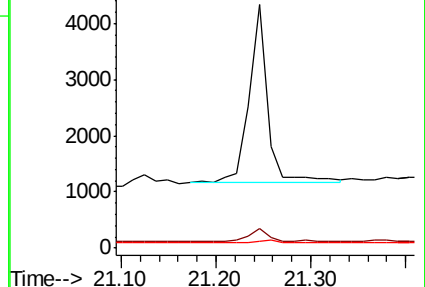
279 1.5 1.1 1.7

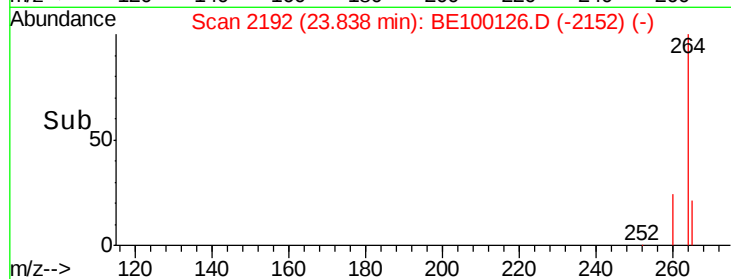
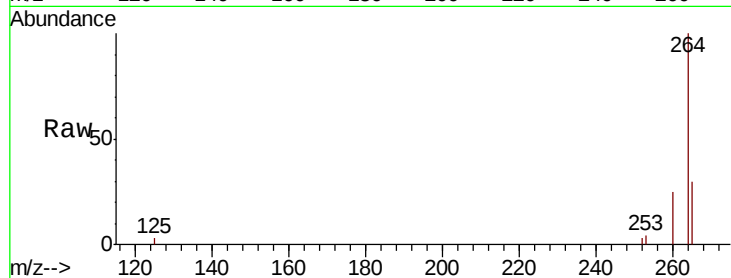
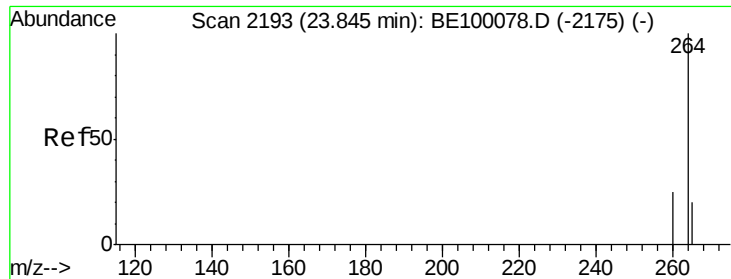


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.84 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BE100126.D

Acq: 21 Jun 2019 2:40

Instrument :

BNA_E

ClientSampleId :

FB_061119

Tgt Ion: 264 Resp: 13479

Ion Ratio Lower Upper

264 100

260 24.6 20.8 31.2

265 30.1 23.2 34.8

