

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
 Data File : BE100386.D
 Acq On : 5 Jul 2019 17:58
 Operator : JU/SJ
 Sample : K3561-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-012-B227-062419

Quant Time: Jul 06 00:13:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 28 14:06:53 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	709	0.40	ng	-0.02
7) Naphthalene-d8	10.42	136	2313	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	1795	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	5657	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	7561	0.40	ng	-0.01
34) Perylene-d12	23.65	264	9179	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.19	112	730	0.40	ng	-0.02
5) Phenol-d6	6.82	99	882	0.37	ng	-0.02
8) Nitrobenzene-d5	8.80	82	663	0.29	ng	-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1604	0.37	ng	-0.03
14) 2,4,6-Tribromophenol	15.80	330	550	0.44	ng	-0.03
15) 2-Fluorobiphenyl	12.91	172	2650	0.38	ng	-0.03
25) Fluoranthene-d10	19.09	212	21943	0.27	ng	-0.01
29) Terphenyl-d14	19.68	244	4619	0.29	ng	-0.02

Target Compounds

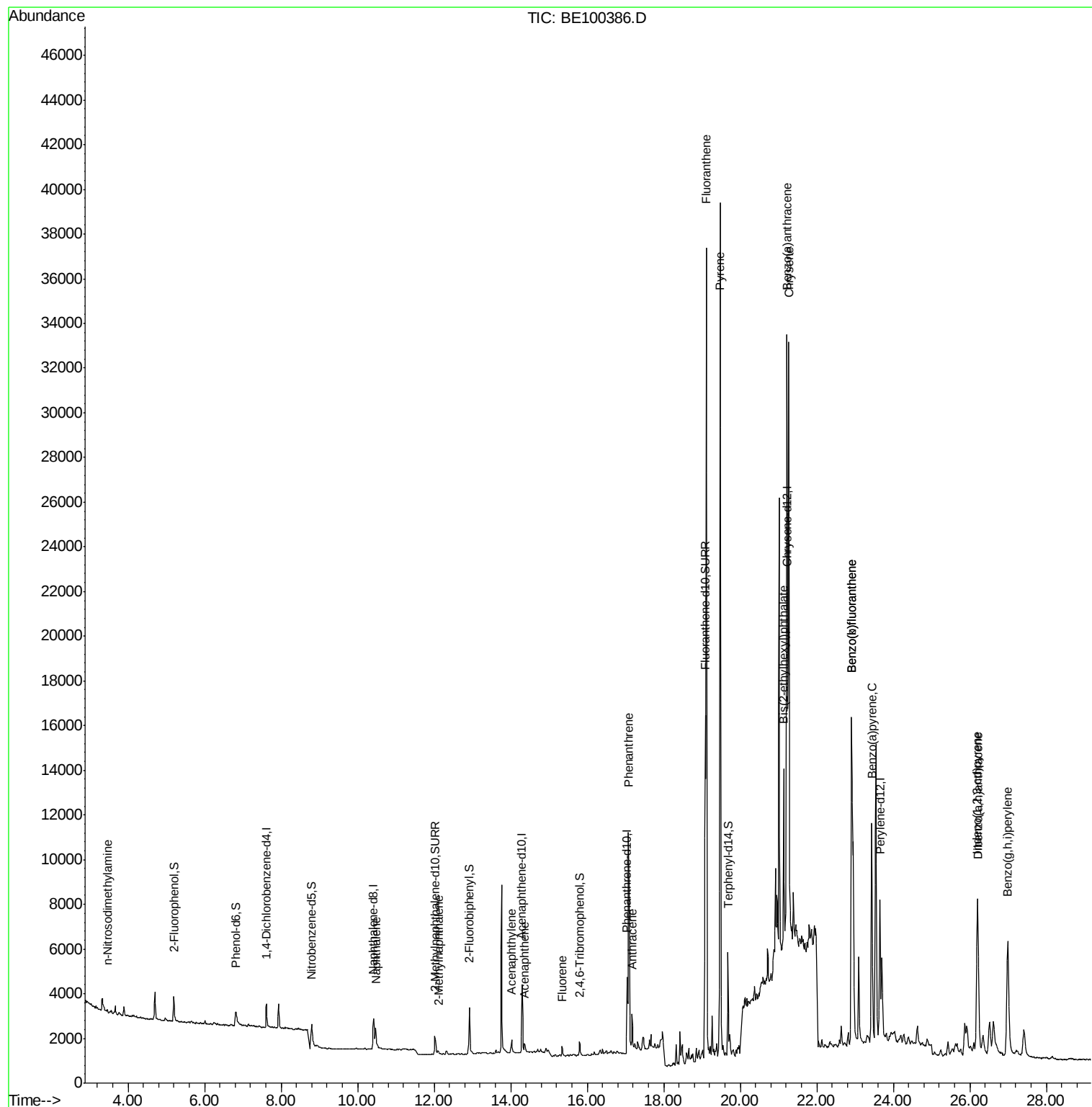
						Qvalue
3) n-Nitrosodimethylamine	3.47	42	30	0.059	ng	# 1
9) Naphthalene	10.47	128	1903	0.075	ng	# 91
12) 2-Methylnaphthalene	12.11	142	128	0.029	ng	# 77
16) Acenaphthylene	14.02	152	817	0.095	ng	95
17) Acenaphthene	14.36	154	228	0.047	ng	86
18) Fluorene	15.34	166	406	0.056	ng	# 97
23) Phenanthrene	17.08	178	12216	0.891	ng	99
24) Anthracene	17.17	178	2016	0.163	ng	99
26) Fluoranthene	19.11	202	36346	1.664	ng	100
28) Pyrene	19.48	202	37499	1.873	ng	96
30) Benzo(a)anthracene	21.22	228	28488	1.146	ng	92
31) Chrysene	21.27	228	23332	0.935	ng	96
32) Bis(2-ethylhexyl)phthalate	21.14	149	7742	0.163	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.20	276	14861	0.450	ng	# 97
35) Benzo(b)fluoranthene	22.91	252	27990	1.125	ng	98
36) Benzo(k)fluoranthene	22.91	252	27990	1.008	ng	# 95
37) Benzo(a)pyrene	23.43	252	15540	0.623	ng	97
38) Dibenzo(a,h)anthracene	26.21	278	3586	0.138	ng	# 69
39) Benzo(g,h,i)perylene	26.99	276	14271	0.533	ng	97

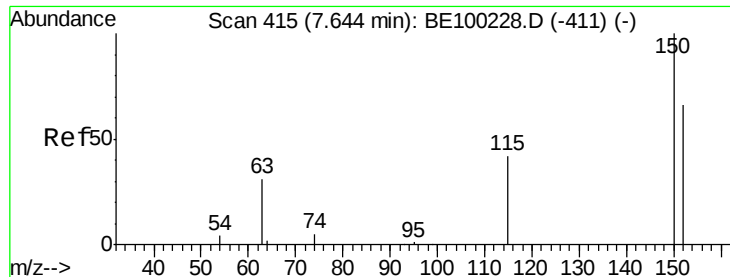
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.62 min Scan# 413

Delta R.T. -0.02 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

BNA_N

ClientSampleId :

PST-012-B227-062419

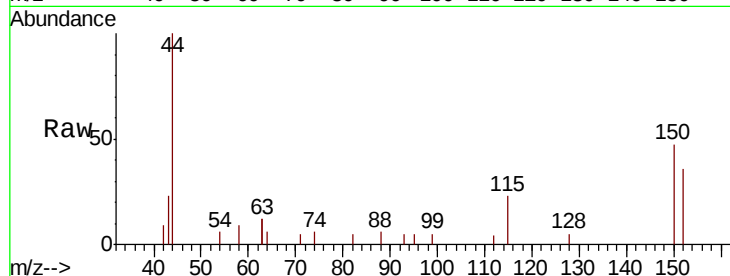
Tgt Ion: 152 Resp: 709

Ion Ratio Lower Upper

152 100

150 128.6 114.5 171.7

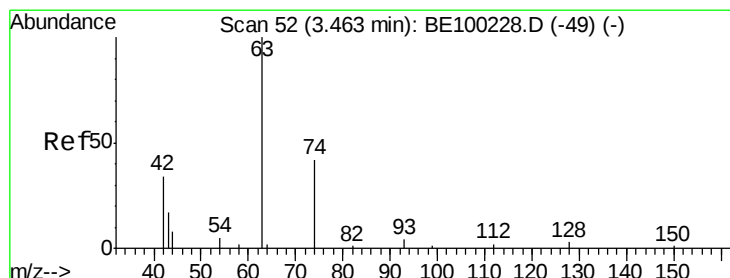
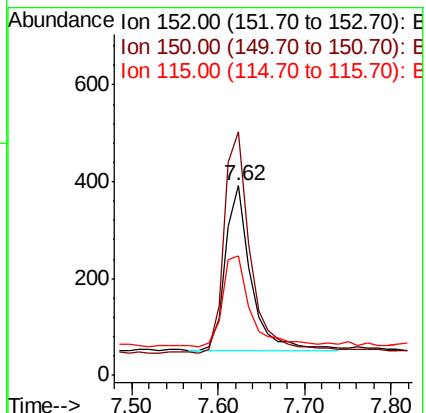
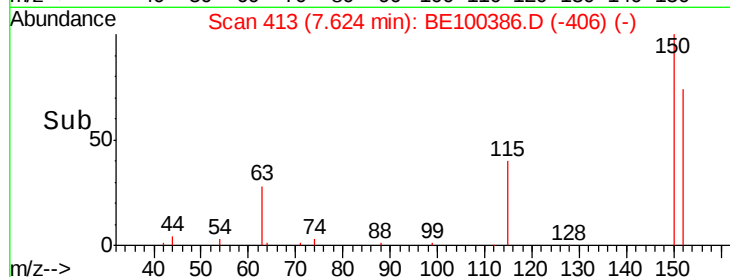
115 62.9 57.1 85.7



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



#3

n-Nitrosodimethylamine

Concen: 0.059 ng

RT: 3.47 min Scan# 52

Delta R.T. 0.00 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

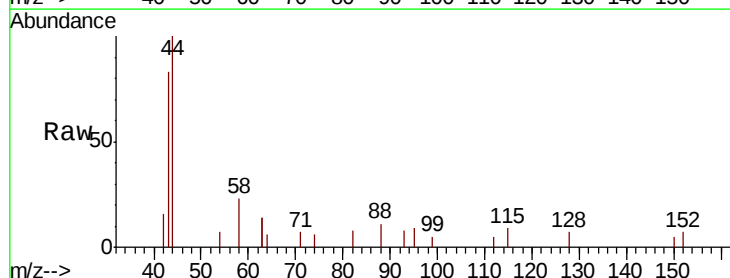
Tgt Ion: 42 Resp: 30

Ion Ratio Lower Upper

42 100

74 16.7 130.6 196.0#

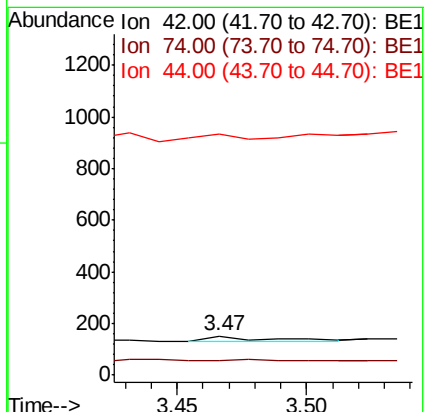
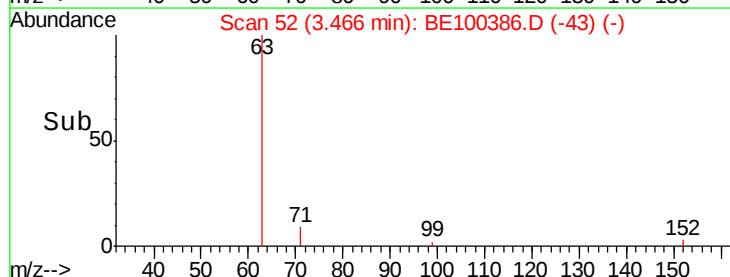
44 126.7 38.0 57.0#

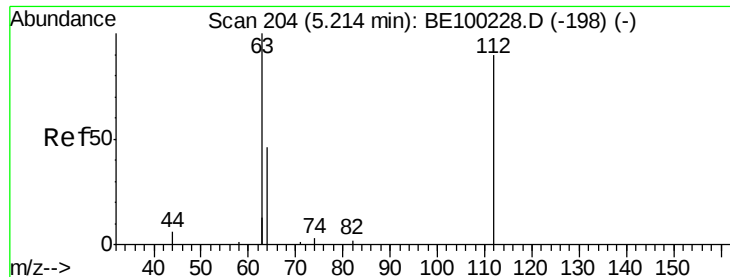


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.404 ng

RT: 5.19 min Scan# 202

Delta R.T. -0.02 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

BNA_N

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PST-012-B227-062419

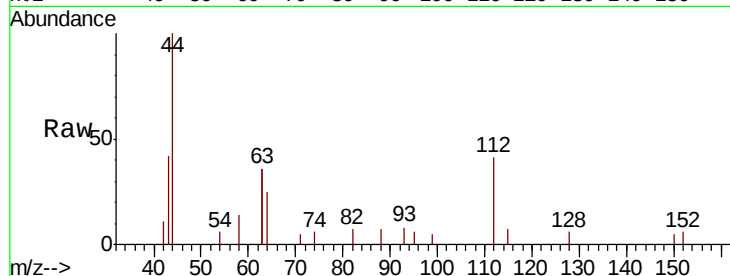
Tgt Ion: 112 Resp: 730

Ion Ratio Lower Upper

112 100

64 55.1 39.4 59.0

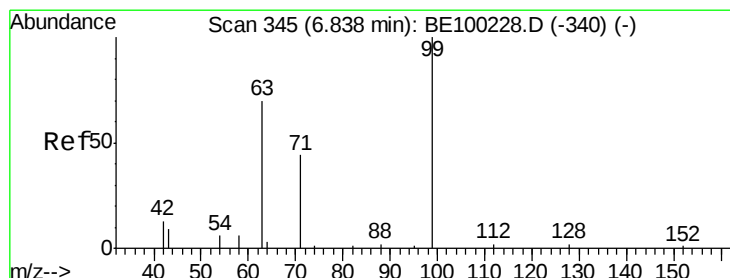
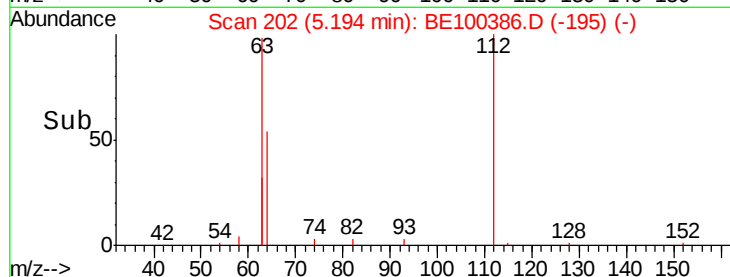
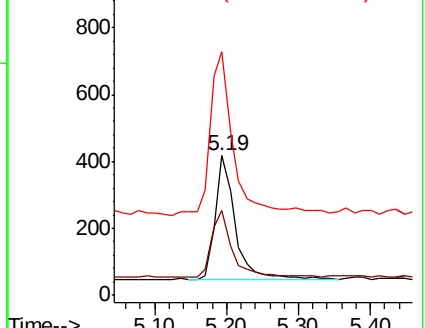
63 154.1 104.5 156.7



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: 0.371 ng

RT: 6.82 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

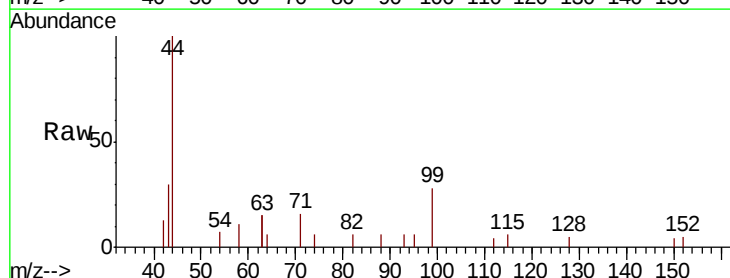
Tgt Ion: 99 Resp: 882

Ion Ratio Lower Upper

99 100

42 20.9 11.2 16.8#

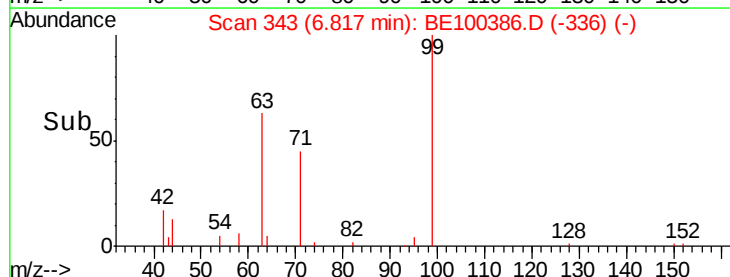
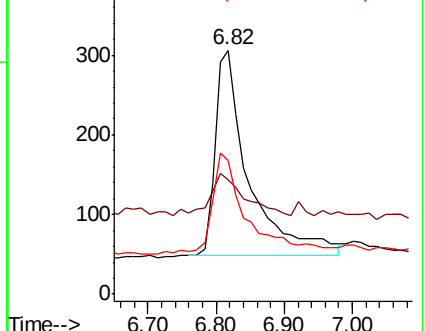
71 46.5 37.2 55.8

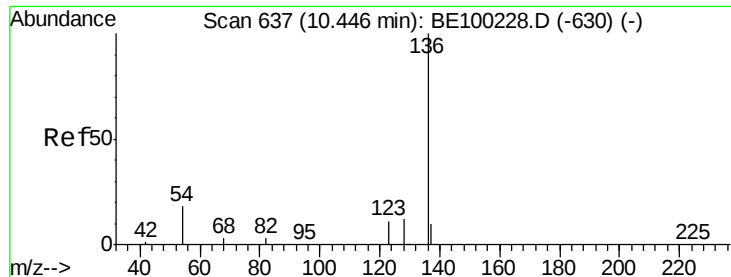


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.42 min Scan# 635

Delta R.T. -0.03 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

BNA_N

ClientSampleId :

PST-012-B227-062419

Tgt Ion: 136 Resp: 2313

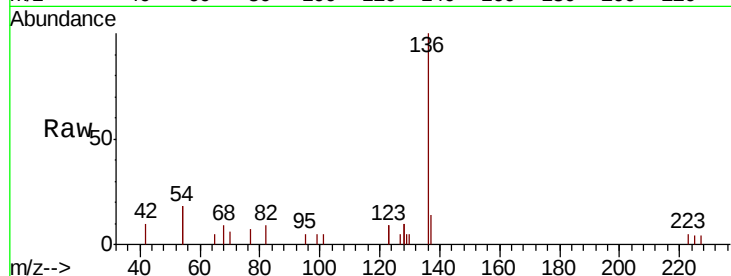
Ion Ratio Lower Upper

136 100

137 13.9 11.8 17.8

54 35.5 27.7 41.5

68 8.8 6.8 10.2

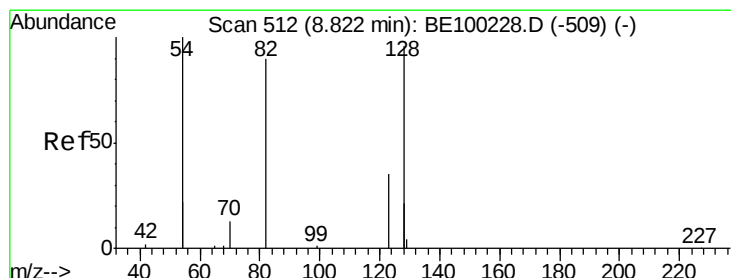
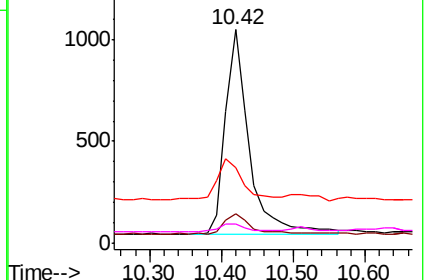
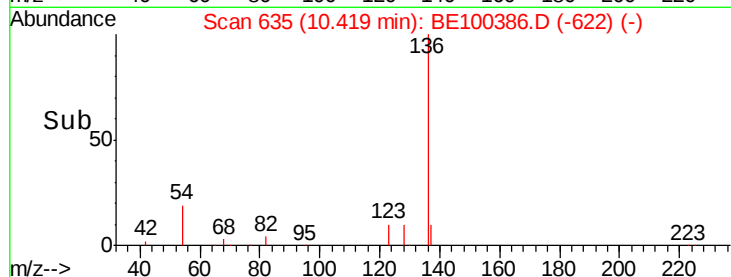


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.288 ng

RT: 8.80 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

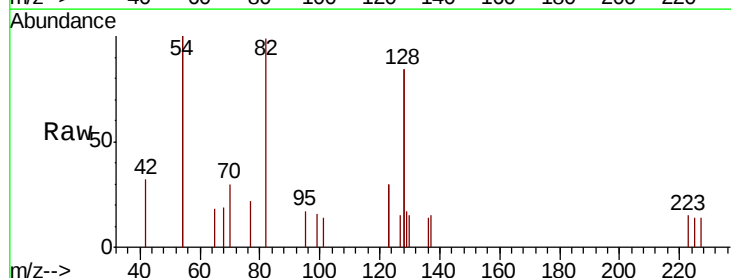
Tgt Ion: 82 Resp: 663

Ion Ratio Lower Upper

82 100

128 168.4 140.9 211.3

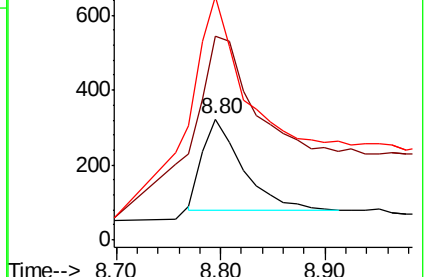
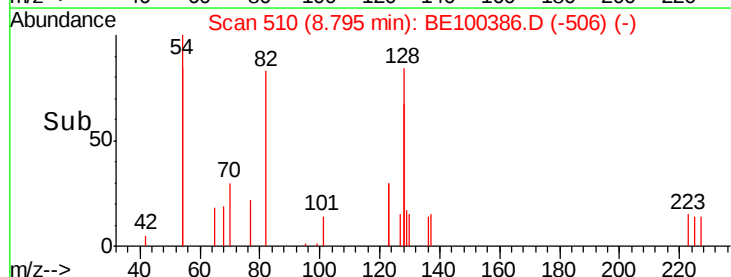
54 201.2 146.2 219.2

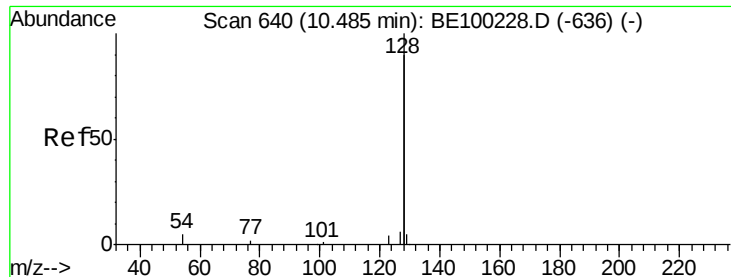


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.075 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

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ClientSampleId :

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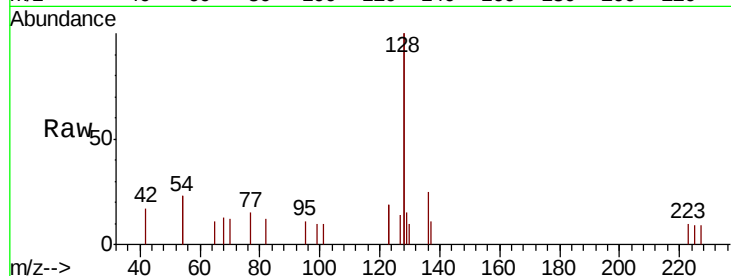
Tgt Ion:128 Resp: 1903

Ion Ratio Lower Upper

128 100

129 7.6 3.0 4.6#

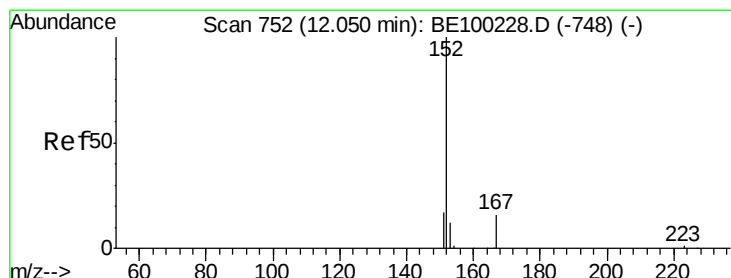
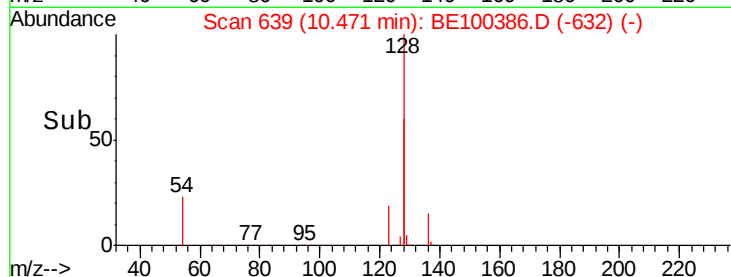
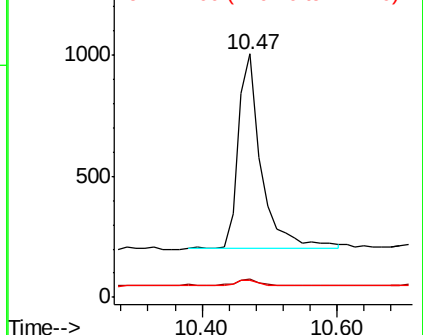
127 6.9 3.5 5.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.369 ng

RT: 12.02 min Scan# 750

Delta R.T. -0.03 min

Lab File: BE100386.D

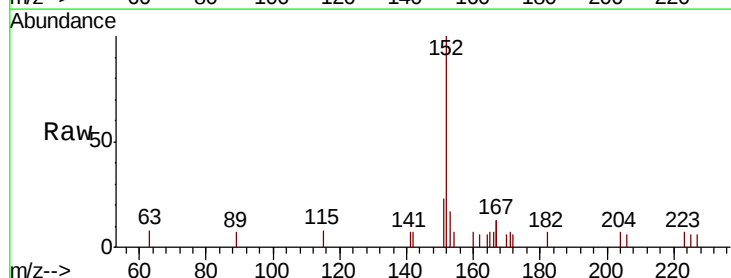
Acq: 5 Jul 2019 17:58

Tgt Ion:152 Resp: 1604

Ion Ratio Lower Upper

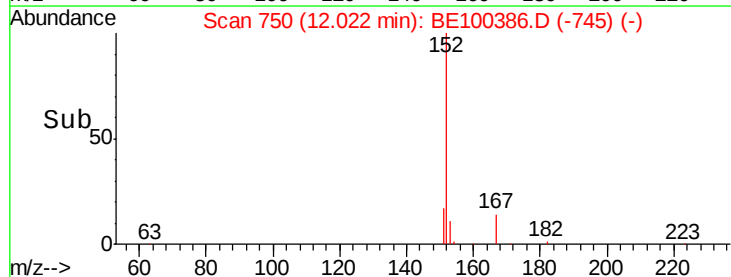
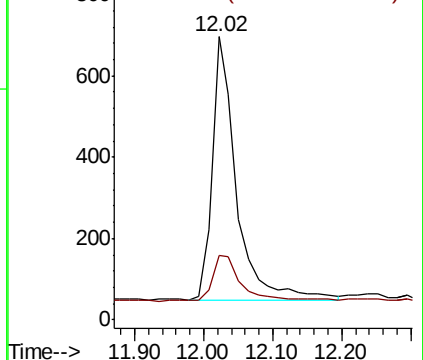
152 100

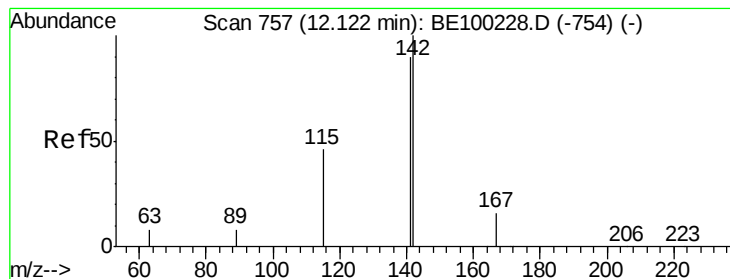
151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.029 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

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ClientSampleId :

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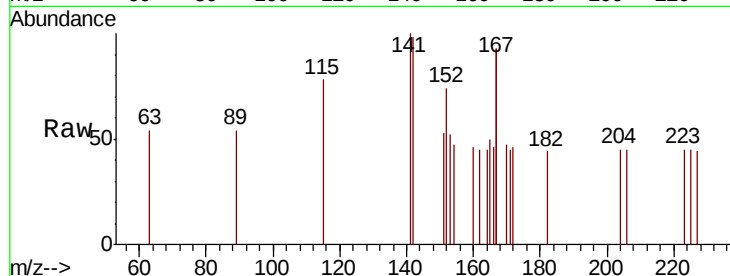
Tgt Ion:142 Resp: 128

Ion Ratio Lower Upper

142 100

141 102.0 72.4 108.6

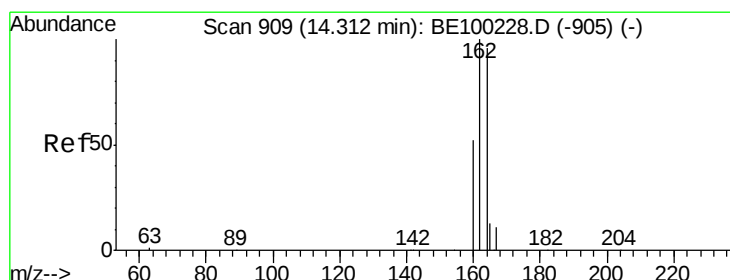
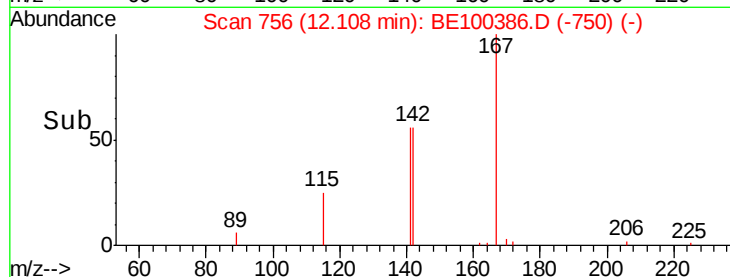
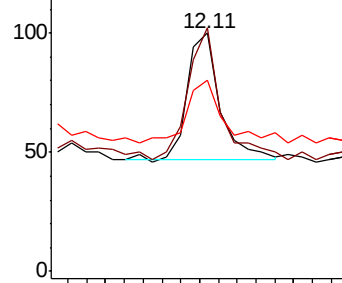
115 80.0 40.4 60.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 908

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

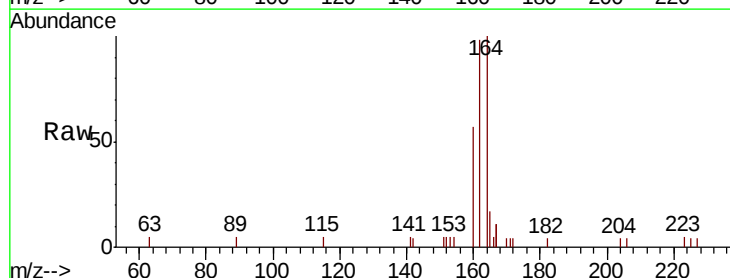
Tgt Ion:164 Resp: 1795

Ion Ratio Lower Upper

164 100

162 98.3 83.4 125.0

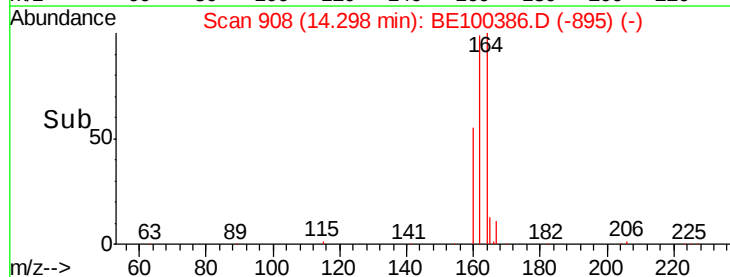
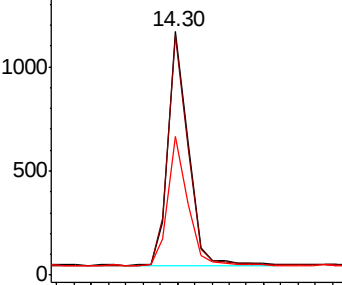
160 56.8 45.0 67.6

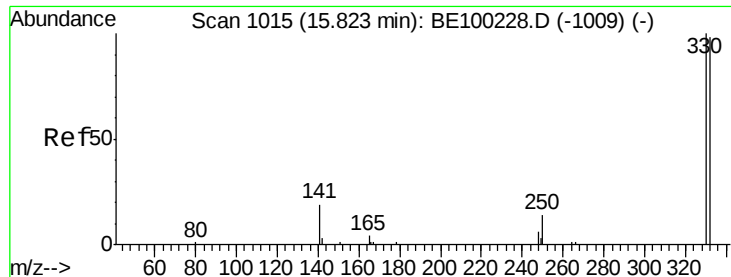


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

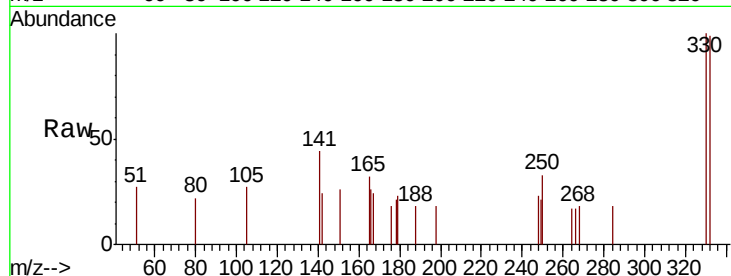




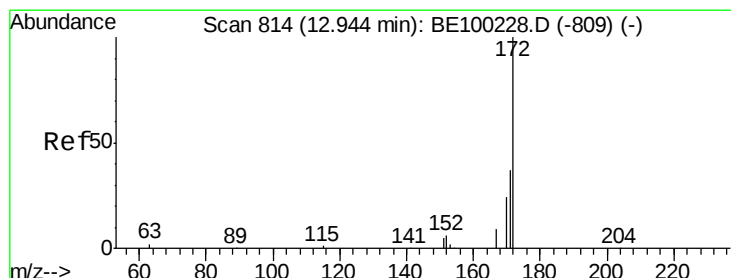
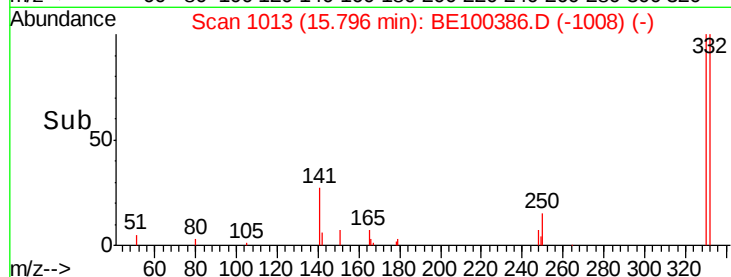
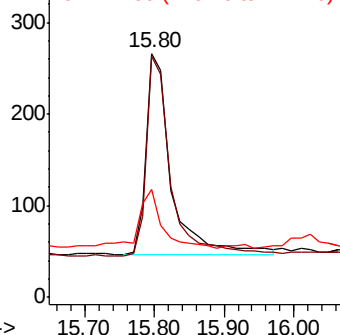
#14
 2,4,6-Tribromophenol
 Concen: 0.438 ng
 RT: 15.80 min Scan# 1013
 Delta R.T. -0.03 min
 Lab File: BE100386.D
 Acq: 5 Jul 2019 17:58

Instrument :
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 PST-012-B227-062419

Tgt Ion: 330 Resp: 550
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.4
 141 25.8 22.0 33.0

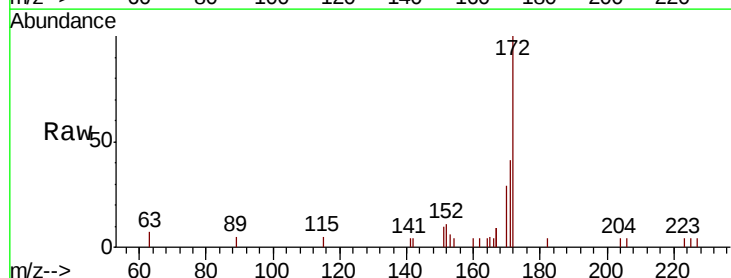


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

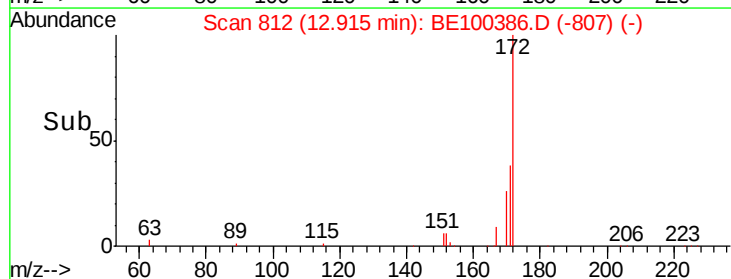
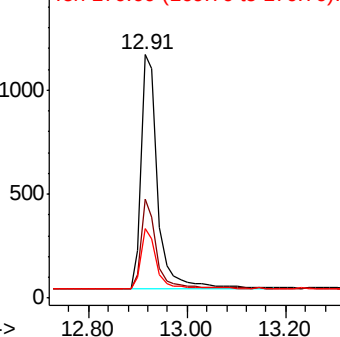


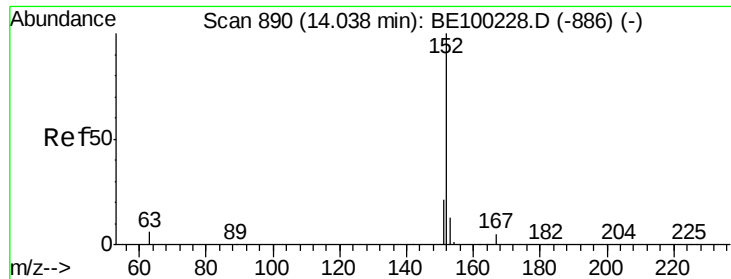
#15
 2-Fluorobiphenyl
 Concen: 0.379 ng
 RT: 12.91 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BE100386.D
 Acq: 5 Jul 2019 17:58

Tgt Ion: 172 Resp: 2650
 Ion Ratio Lower Upper
 172 100
 171 40.6 31.9 47.9
 170 28.5 22.2 33.2



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

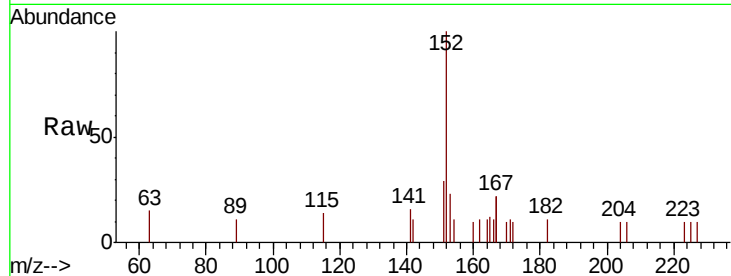




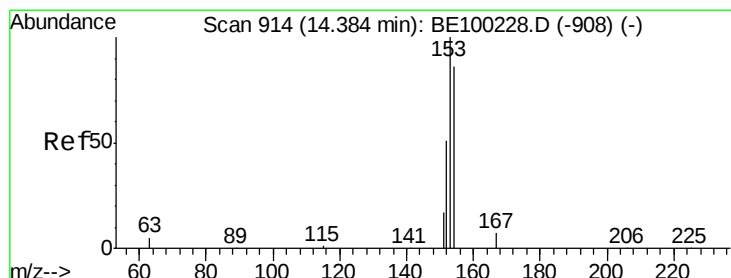
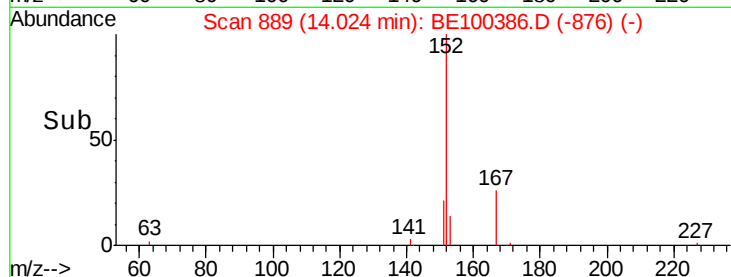
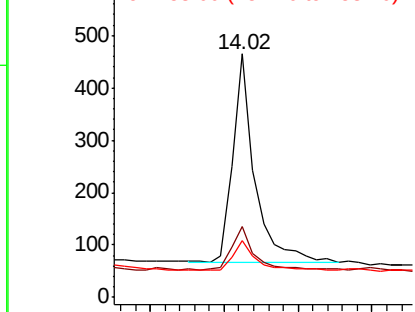
#16
Acenaphthylene
Concen: 0.095 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:152 Resp: 817
Ion Ratio Lower Upper
152 100
151 23.0 16.6 25.0
153 15.5 10.5 15.7

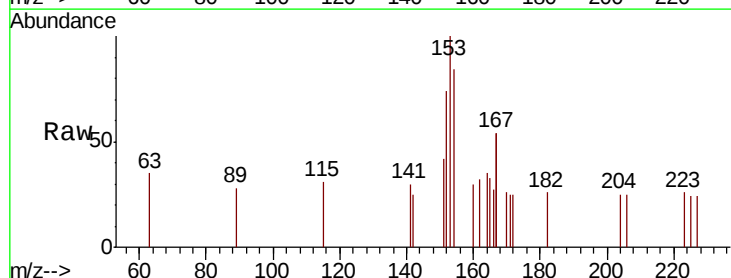


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

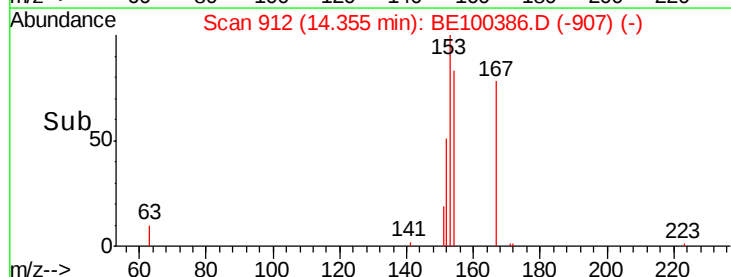
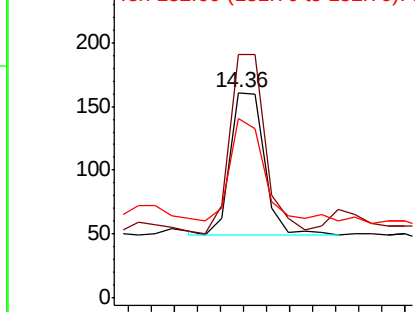


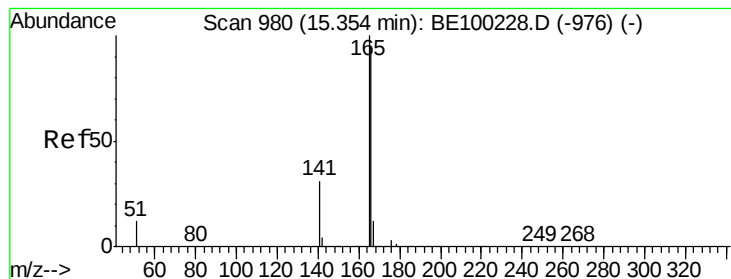
#17
Acenaphthene
Concen: 0.047 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.03 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:154 Resp: 228
Ion Ratio Lower Upper
154 100
153 132.5 93.4 140.2
152 71.9 49.4 74.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.056 ng

RT: 15.34 min Scan# 979

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

BNA_N

ClientSampleId :

PST-012-B227-062419

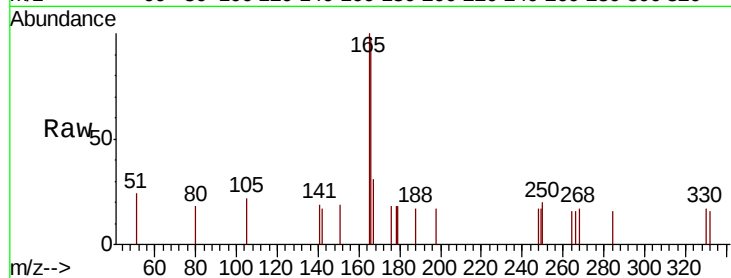
Tgt Ion:166 Resp: 406

Ion Ratio Lower Upper

166 100

165 100.7 81.1 121.7

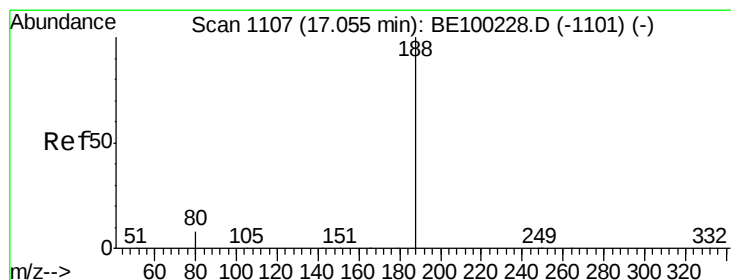
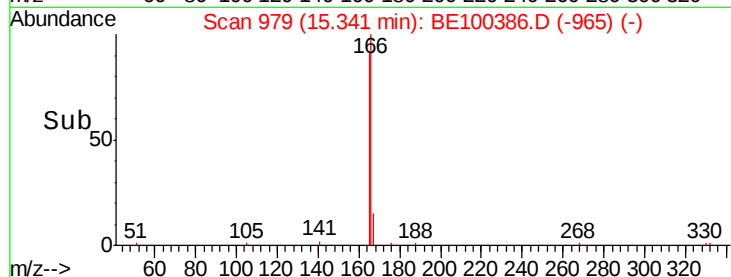
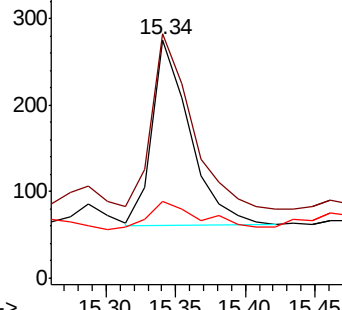
167 21.2 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

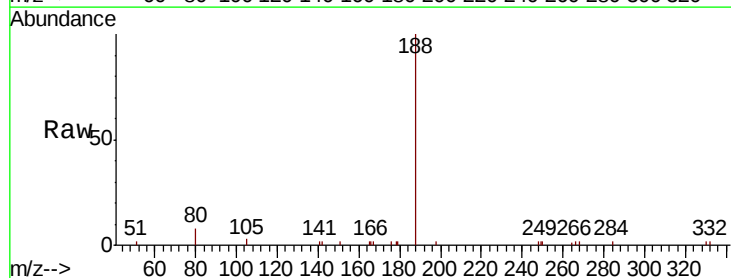
Tgt Ion:188 Resp: 5657

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

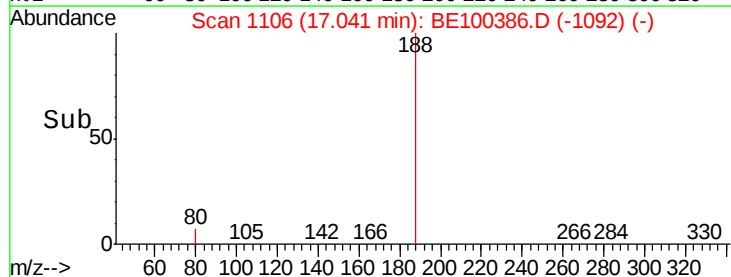
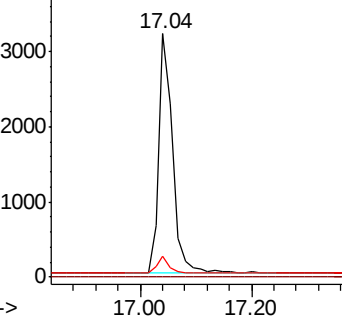
80 8.3 7.6 11.4

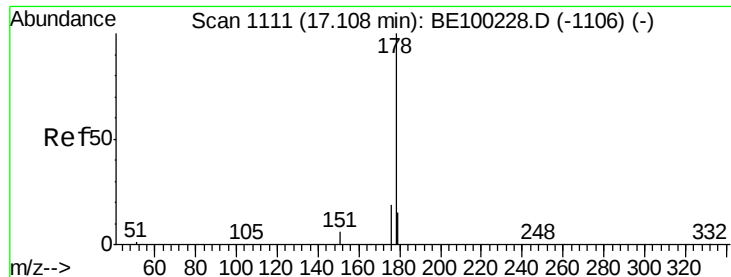


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#23

Phenanthrene

Concen: 0.891 ng

RT: 17.08 min Scan# 1109

Delta R.T. -0.03 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

BNA_N

ClientSampleId :

PST-012-B227-062419

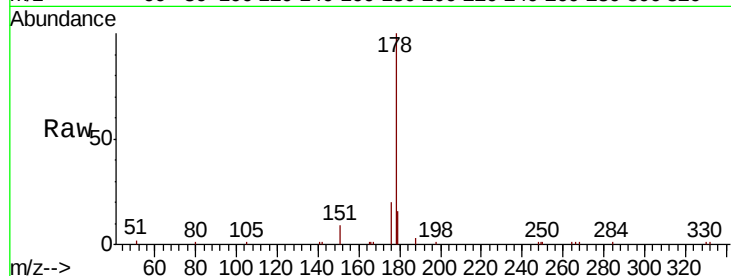
Tgt Ion:178 Resp: 12216

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

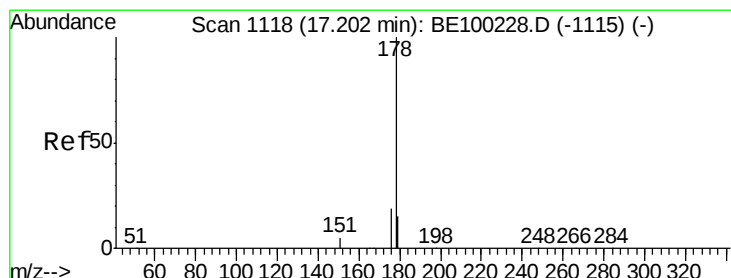
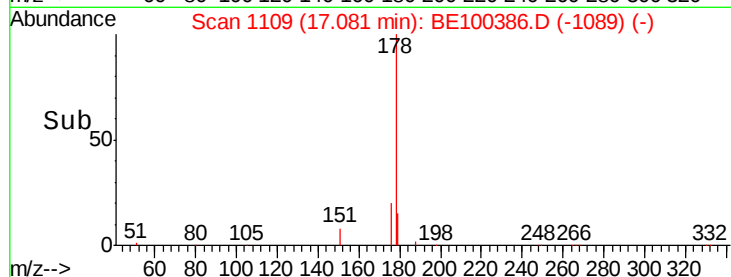
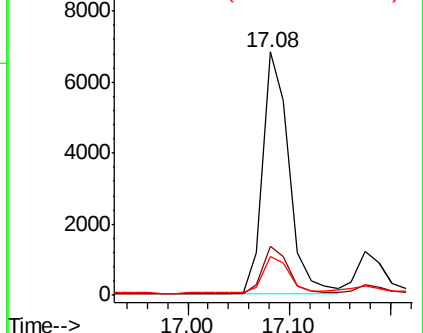
179 15.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.163 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

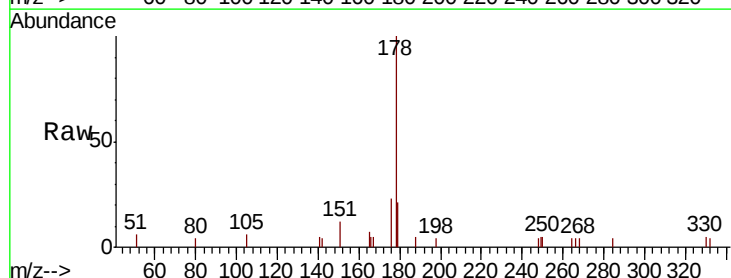
Tgt Ion:178 Resp: 2016

Ion Ratio Lower Upper

178 100

176 18.3 15.3 22.9

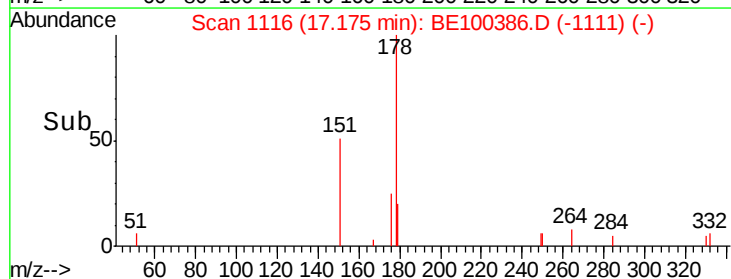
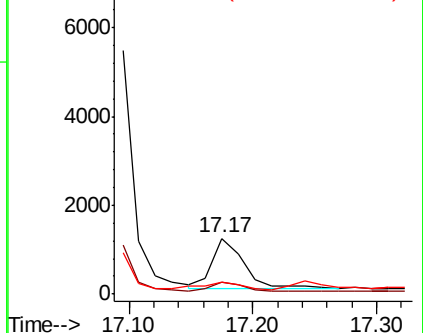
179 15.5 12.2 18.2

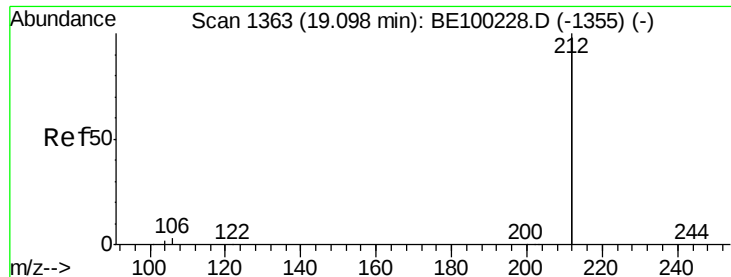


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.267 ng

RT: 19.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

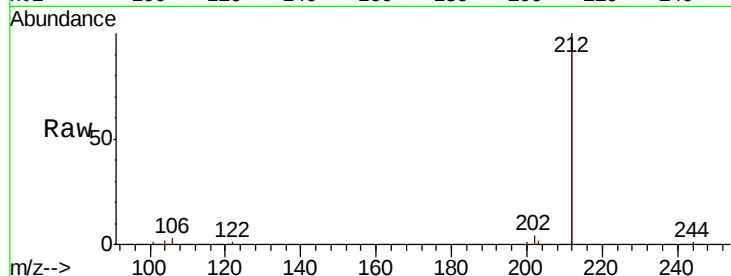
Instrument :

BNA_N

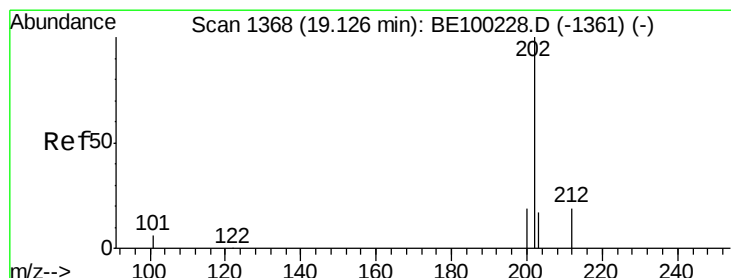
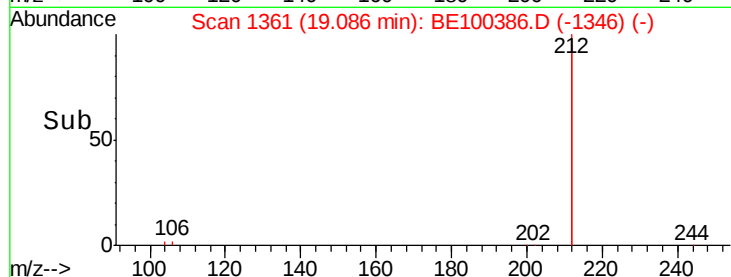
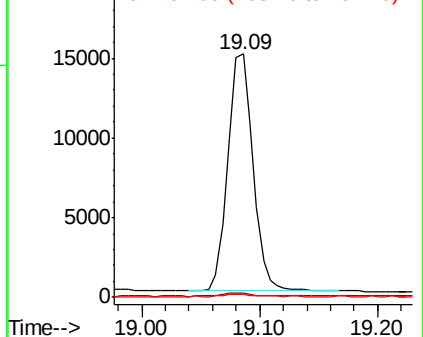
ClientSampleId :

PST-012-B227-062419

Tgt Ion:	212	Resp:	21943
Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.0	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



#26

Fluoranthene

Concen: 1.664 ng

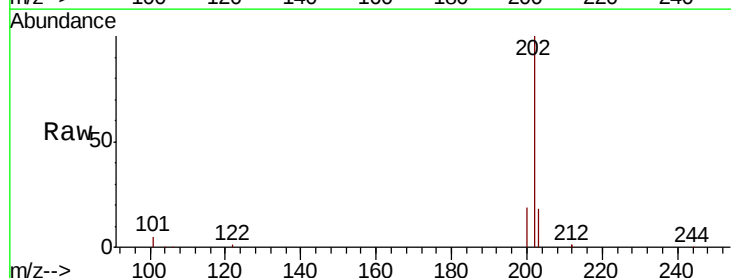
RT: 19.11 min Scan# 1366

Delta R.T. -0.01 min

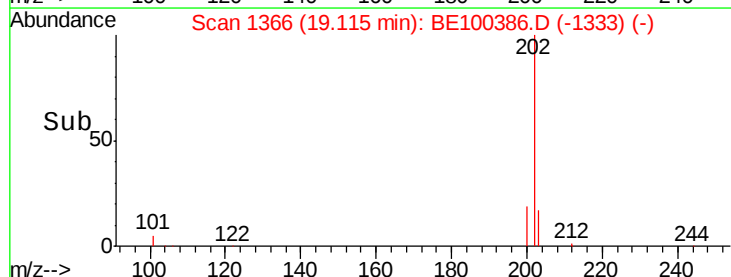
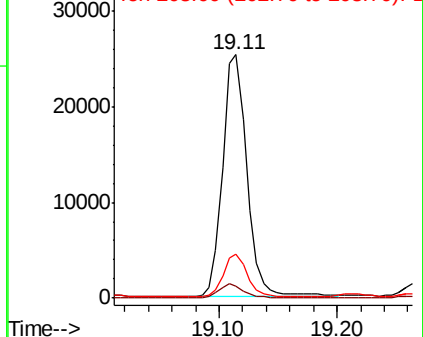
Lab File: BE100386.D

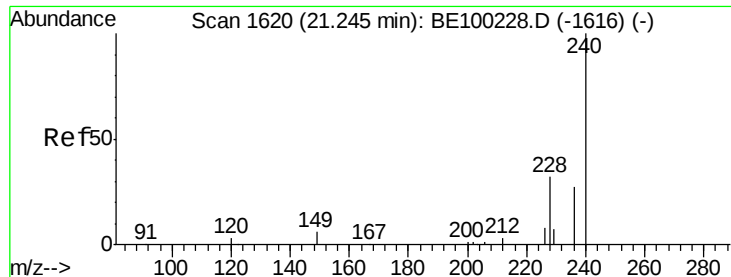
Acq: 5 Jul 2019 17:58

Tgt Ion:	202	Resp:	36346
Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.6	7.0
203	17.1	13.7	20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

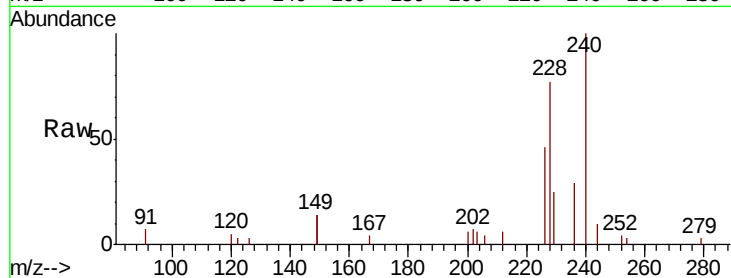




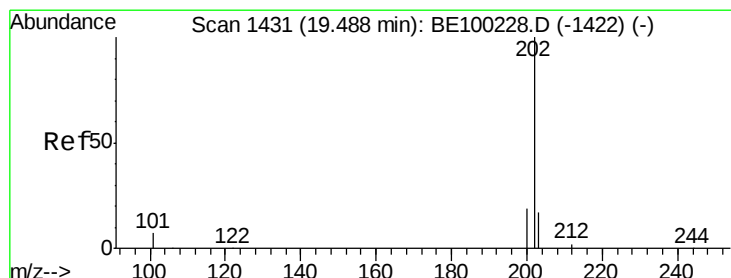
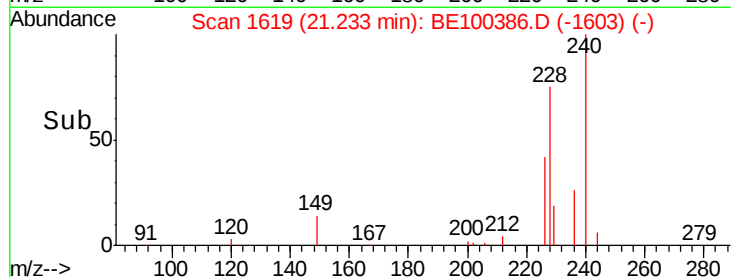
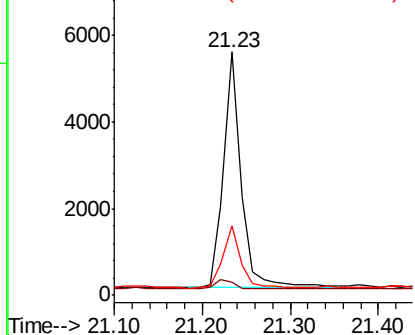
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:240 Resp: 7561
Ion Ratio Lower Upper
240 100
120 5.3 3.3 4.9#
236 28.7 22.6 34.0

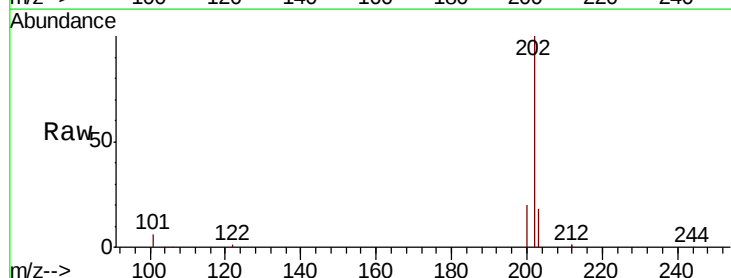


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

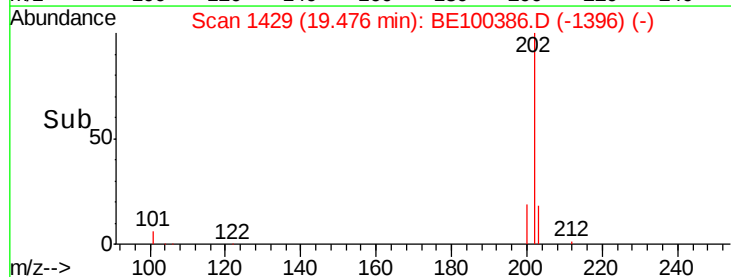
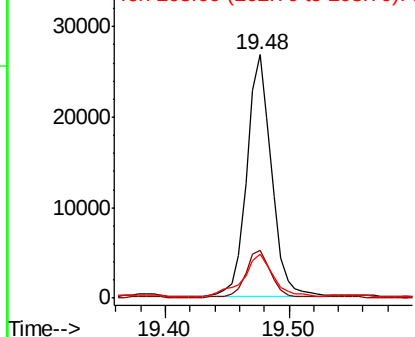


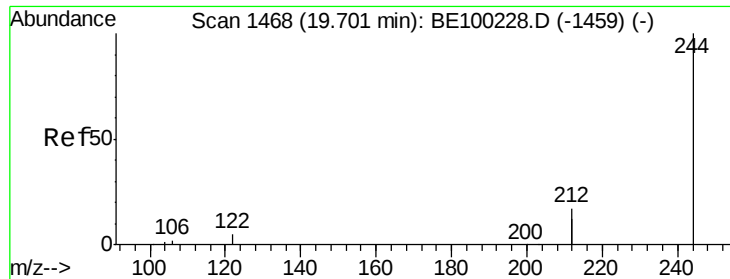
#28
Pyrene
Concen: 1.873 ng
RT: 19.48 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:202 Resp: 37499
Ion Ratio Lower Upper
202 100
200 19.6 15.6 23.4
203 20.9 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.295 ng

RT: 19.68 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

BNA_N

ClientSampleId :

PST-012-B227-062419

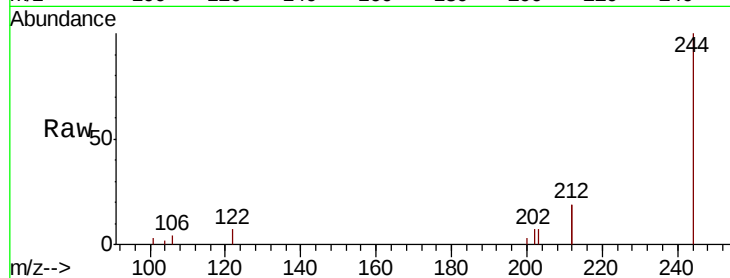
Tgt Ion:244 Resp: 4619

Ion Ratio Lower Upper

244 100

212 38.1 27.3 40.9

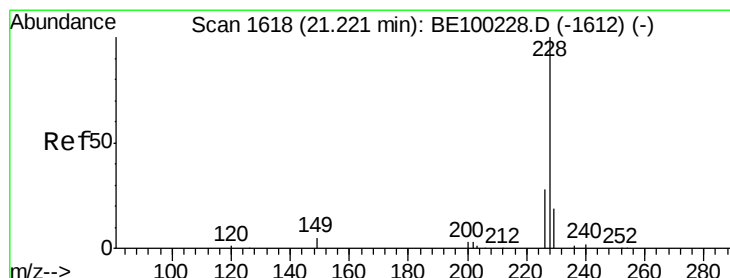
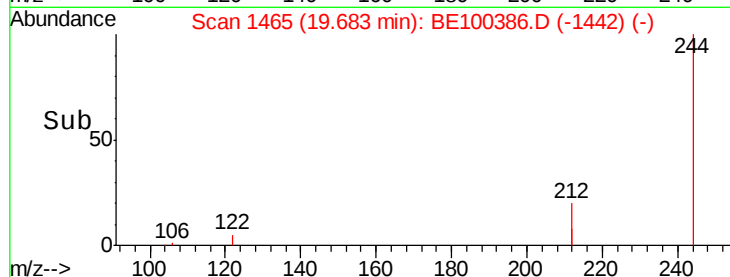
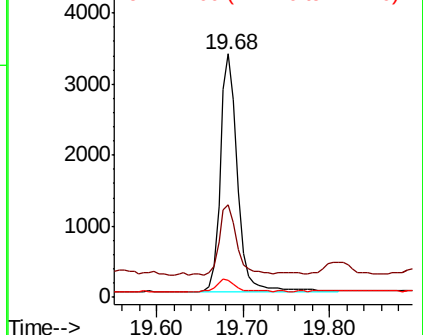
122 7.2 4.7 7.1#



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



#30

Benzo(a)anthracene

Concen: 1.146 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

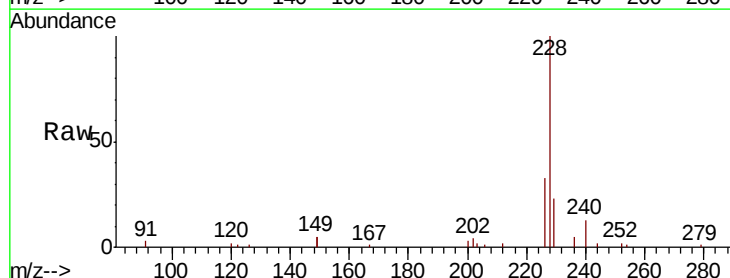
Tgt Ion:228 Resp: 28488

Ion Ratio Lower Upper

228 100

226 33.1 23.2 34.8

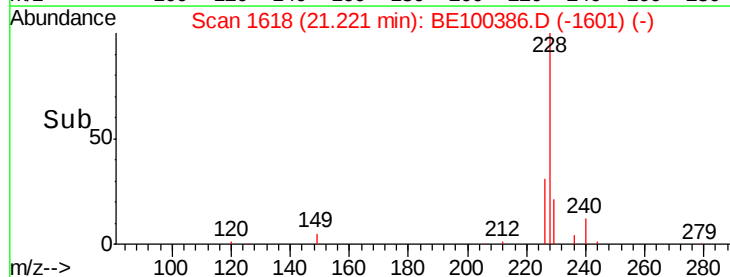
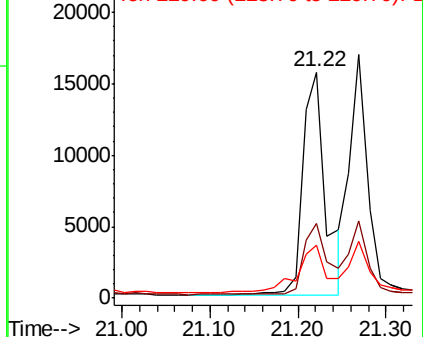
229 23.4 15.7 23.5

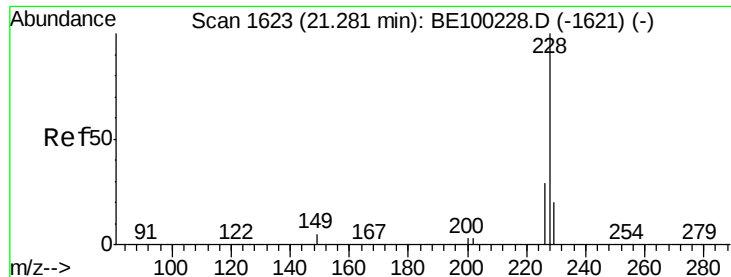


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.935 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

BNA_N

ClientSampleId :

PST-012-B227-062419

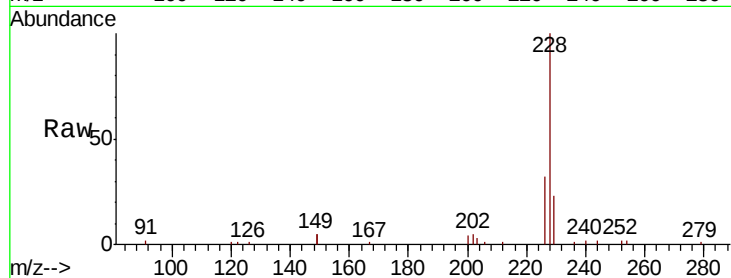
Tgt Ion:228 Resp: 23332

Ion Ratio Lower Upper

228 100

226 31.6 23.9 35.9

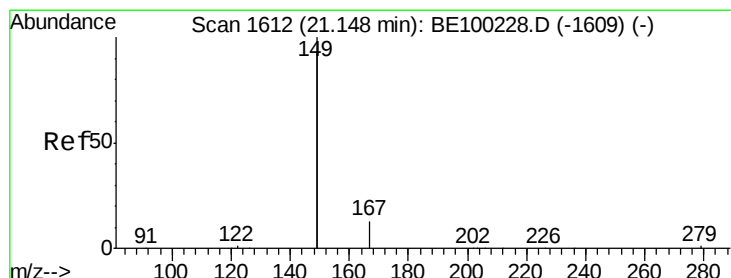
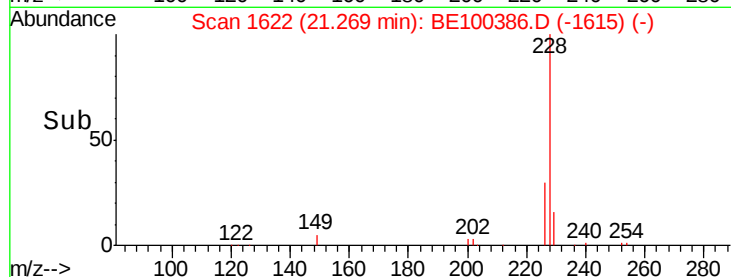
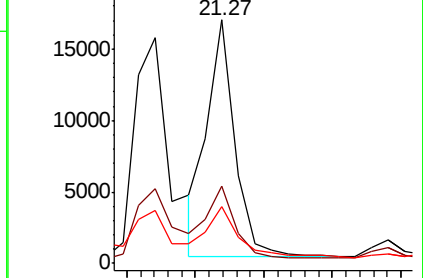
229 23.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.163 ng

RT: 21.14 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

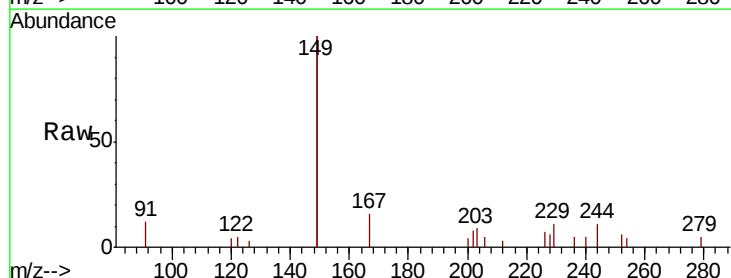
Tgt Ion:149 Resp: 7742

Ion Ratio Lower Upper

149 100

167 7.1 5.8 8.8

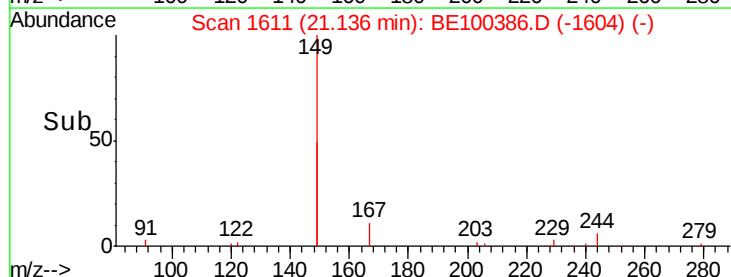
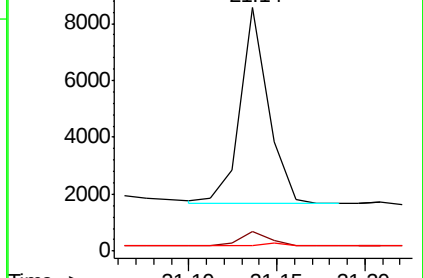
279 2.2 1.1 1.7#

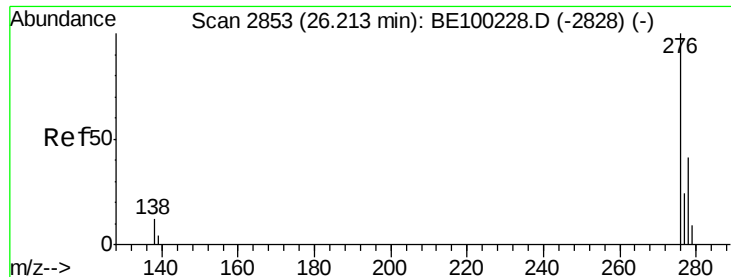


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.450 ng

RT: 26.20 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

BNA_N

ClientSampleId :

PST-012-B227-062419

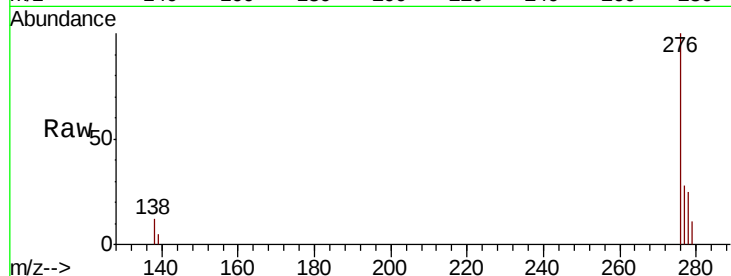
Tgt Ion:276 Resp: 14861

Ion Ratio Lower Upper

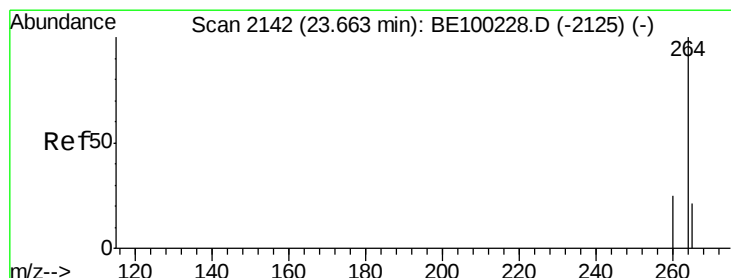
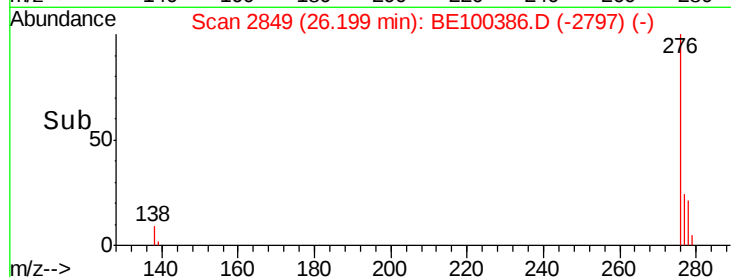
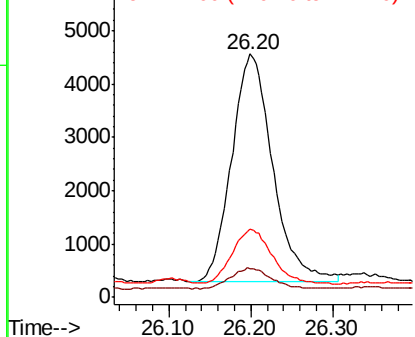
276 100

138 9.0 9.4 14.0#

277 23.7 19.2 28.8



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

Perylene-d12

Concen: 0.400 ng

RT: 23.65 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

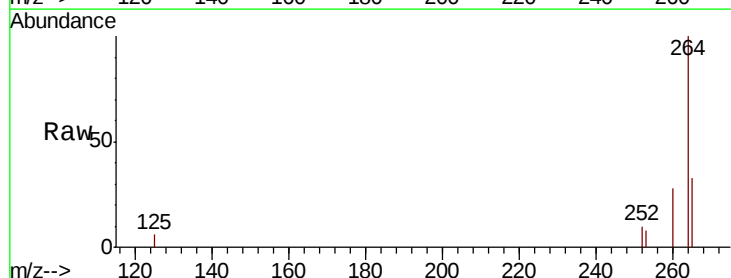
Tgt Ion:264 Resp: 9179

Ion Ratio Lower Upper

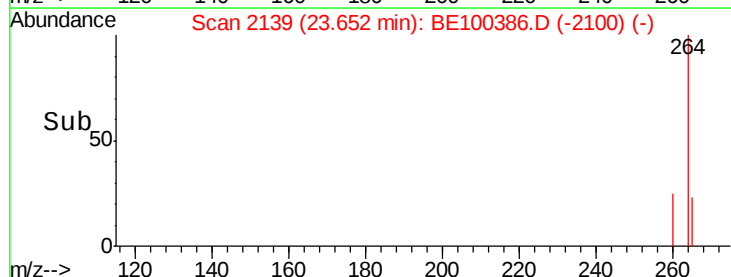
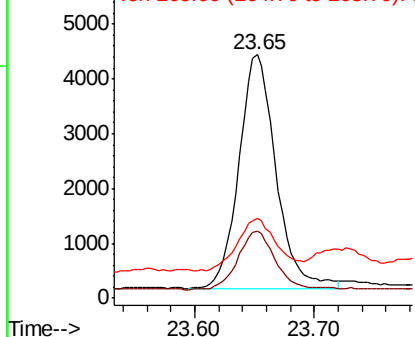
264 100

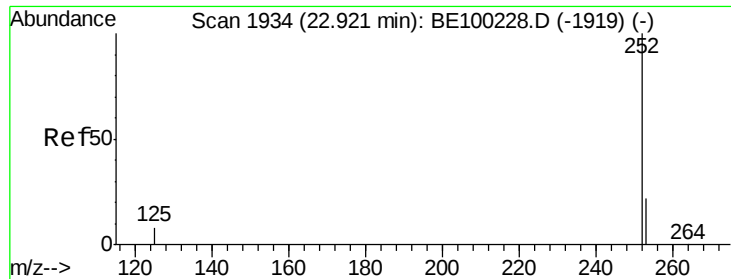
260 27.7 20.8 31.2

265 32.8 21.8 32.6#



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





#35

Benzo(b)fluoranthene

Concen: 1.125 ng

RT: 22.91 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

BNA_N

ClientSampleId :

PST-012-B227-062419

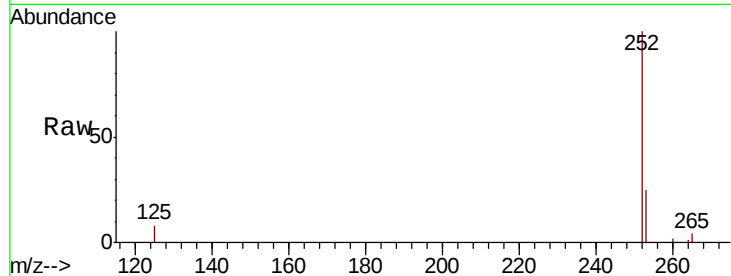
Tgt Ion:252 Resp: 27990

Ion Ratio Lower Upper

252 100

253 24.9 19.2 28.8

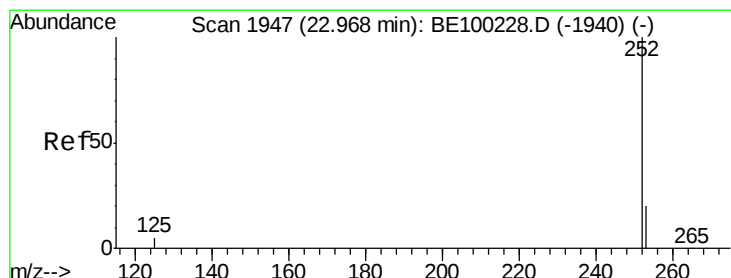
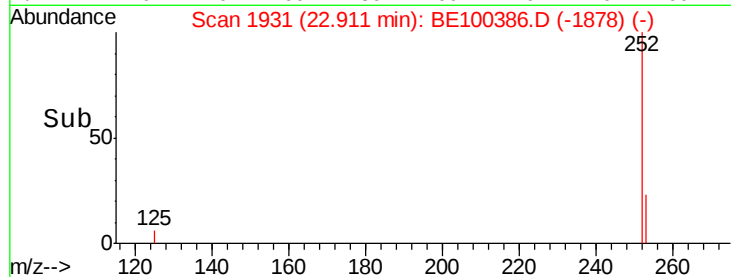
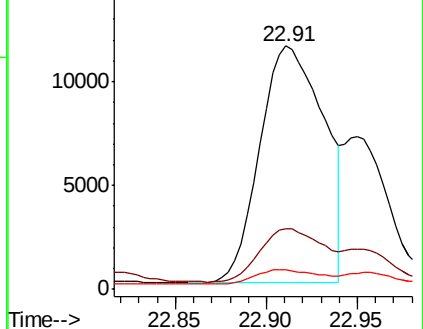
125 7.9 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 1.008 ng

RT: 22.91 min Scan# 1931

Delta R.T. -0.06 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

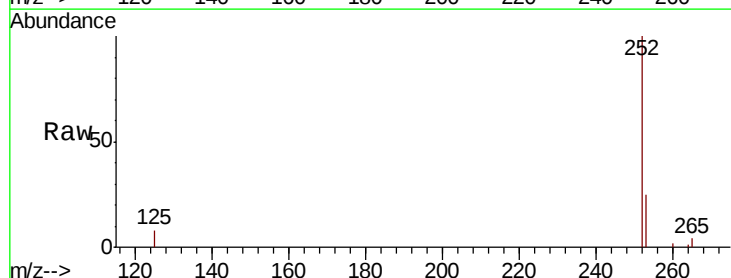
Tgt Ion:252 Resp: 27990

Ion Ratio Lower Upper

252 100

253 24.9 17.9 26.9

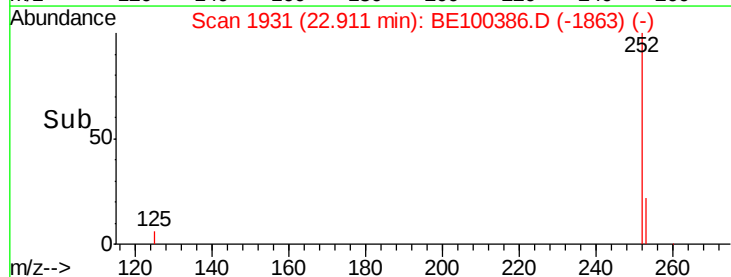
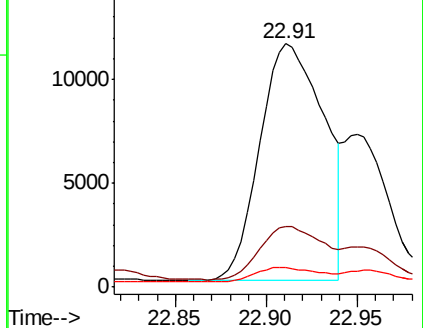
125 7.9 5.0 7.4#

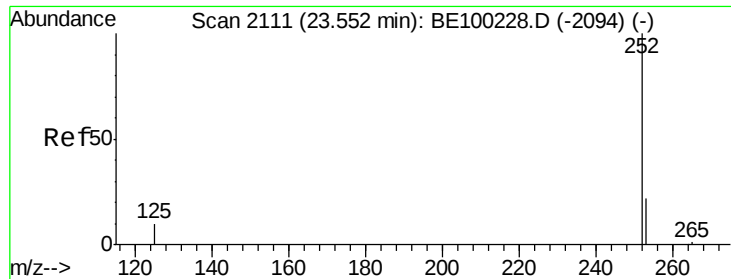


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.623 ng

RT: 23.43 min Scan# 2078

Delta R.T. -0.12 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

BNA_N

ClientSampleId :

PST-012-B227-062419

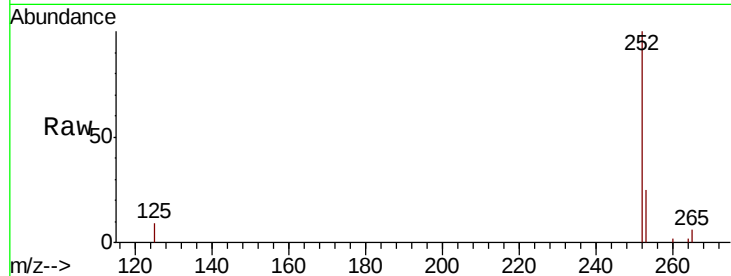
Tgt Ion:252 Resp: 15540

Ion Ratio Lower Upper

252 100

253 25.5 19.6 29.4

125 9.1 9.0 13.6

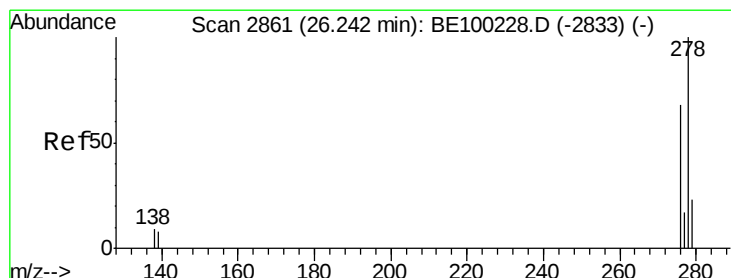
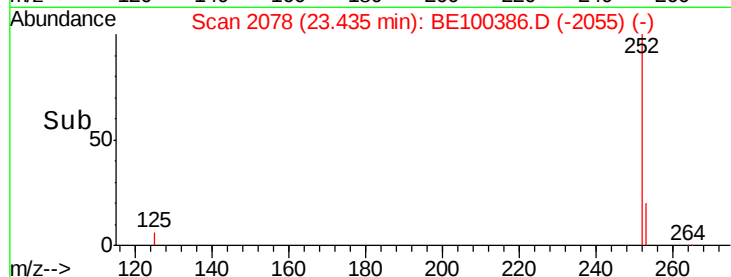
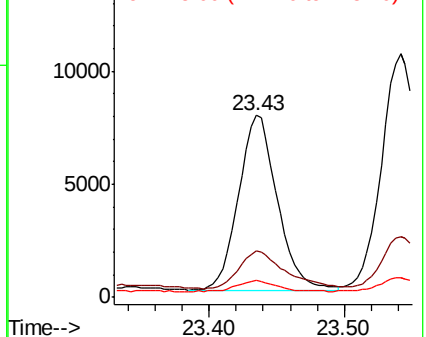


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.138 ng

RT: 26.21 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

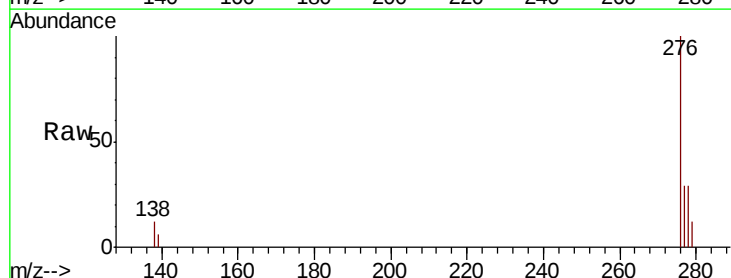
Tgt Ion:278 Resp: 3586

Ion Ratio Lower Upper

278 100

139 20.1 8.2 12.2#

279 42.2 20.3 30.5#

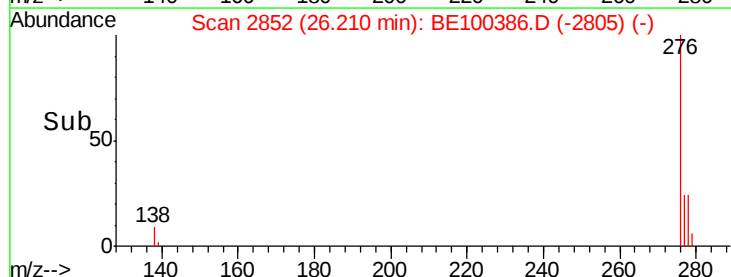
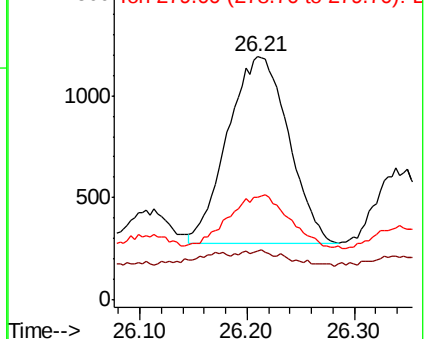


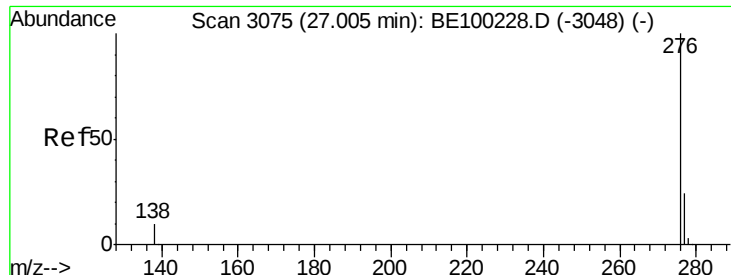
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.533 ng

RT: 26.99 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BE100386.D

Acq: 5 Jul 2019 17:58

Instrument :

BNA_N

ClientSampleId :

PST-012-B227-062419

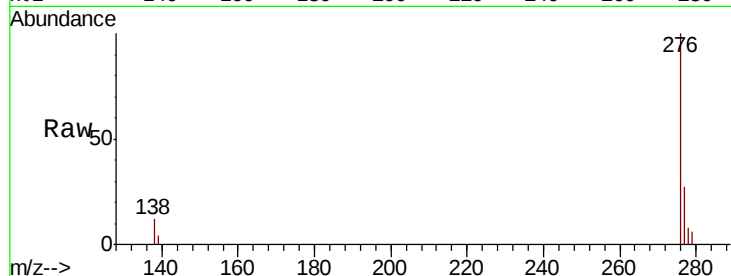
Tgt Ion: 276 Resp: 14271

Ion Ratio Lower Upper

276 100

277 27.2 20.2 30.2

138 12.0 9.0 13.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

