

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100144.D
 Acq On : 21 Jun 2019 19:54
 Operator : JU/SJ
 Sample : K3428-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B043-061319

Quant Time: Jun 22 02:04:42 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	607	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	2249	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	2061	0.40	ng	-0.02
19) Phenanthrene-d10	17.15	188	6785	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	8816	0.40	ng	0.00
34) Perylene-d12	23.83	264	10240	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	426	0.34	ng	-0.01
5) Phenol-d6	6.91	99	623	0.36	ng	-0.02
8) Nitrobenzene-d5	8.92	82	591	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	12.14	152	104	0.02	ng	-0.02
14) 2,4,6-Tribromophenol	15.90	330	343	0.30	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	2102	0.26	ng	-0.02
25) Fluoranthene-d10	19.18	212	1751	0.02	ng	-0.01
29) Terphenyl-d14	19.79	244	4469	0.25	ng	-0.02

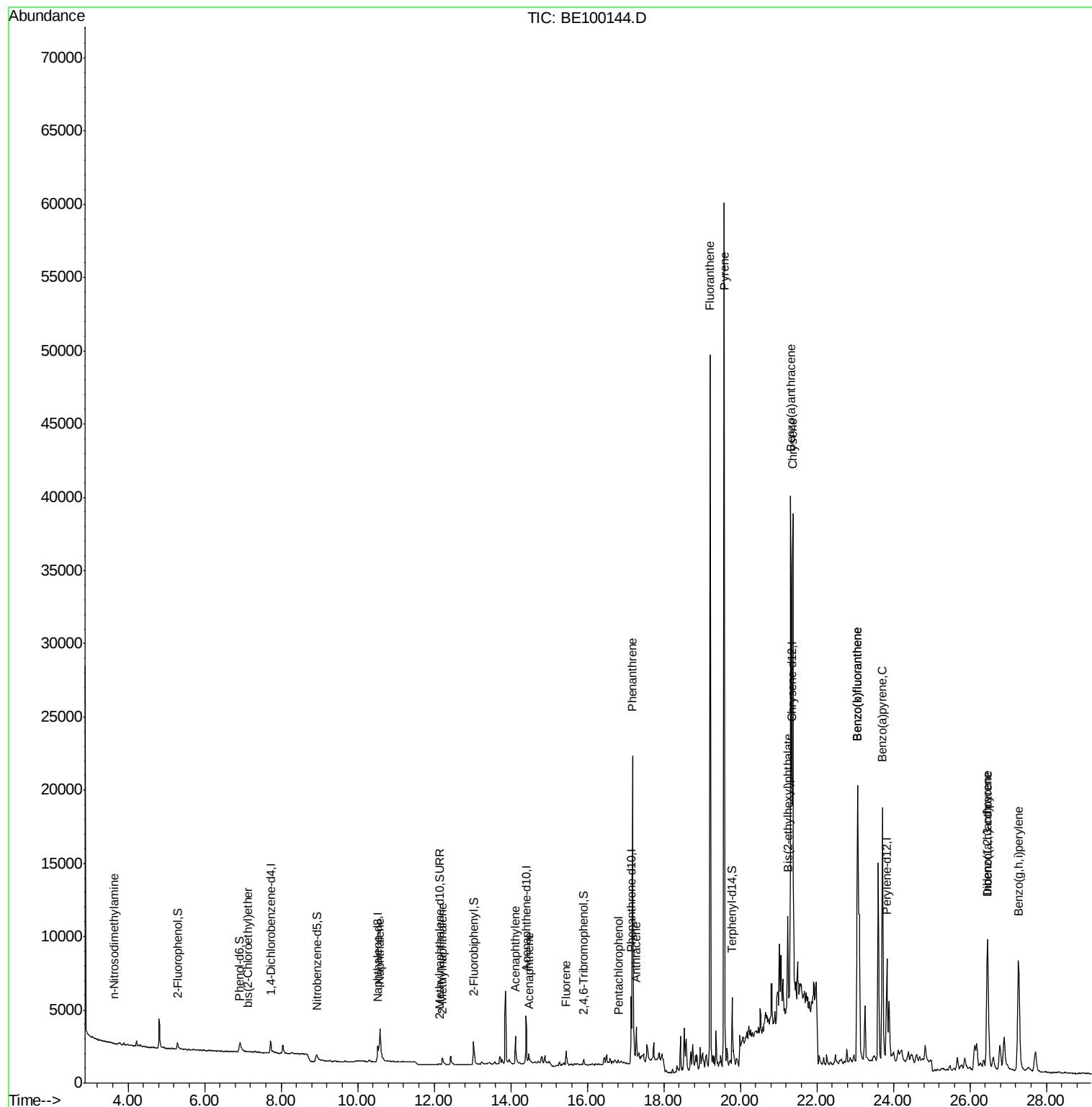
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.62	42	13	0.362	ng	# 100
6) bis(2-Chloroethyl)ether	7.14	93	6	0.037	ng	# 1
9) Naphthalene	10.57	128	5367	0.220	ng	# 97
12) 2-Methylnaphthalene	12.22	142	572	0.142	ng	97
16) Acenaphthylene	14.12	152	2672	0.273	ng	98
17) Acenaphthene	14.47	154	329	0.060	ng	92
18) Fluorene	15.45	166	1110	0.136	ng	# 89
22) Pentachlorophenol	16.81	266	28	0.262	ng	87
23) Phenanthrene	17.19	178	23504	1.446	ng	99
24) Anthracene	17.28	178	3013	0.220	ng	95
26) Fluoranthene	19.21	202	46840	1.795	ng	99
28) Pyrene	19.58	202	57549	2.540	ng	97
30) Benzo(a)anthracene	21.32	228	32407	1.236	ng	97
31) Chrysene	21.38	228	37462	1.229	ng	97
32) Bis(2-ethylhexyl)phthalate	21.25	149	7910	0.320	ng	99
33) Indeno(1,2,3-cd)pyrene	26.46	276	18229	0.532	ng	# 96
35) Benzo(b)fluoranthene	23.06	252	37275	1.240	ng	97
36) Benzo(k)fluoranthene	23.06	252	37275	1.090	ng	# 97
37) Benzo(a)pyrene	23.72	252	27937	0.963	ng	98
38) Dibenzo(a,h)anthracene	26.47	278	4907	0.165	ng	# 82
39) Benzo(g,h,i)perylene	27.27	276	20236	0.655	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

Instrument :

BNA_E

ClientSampleId :

PST-084-B043-061319

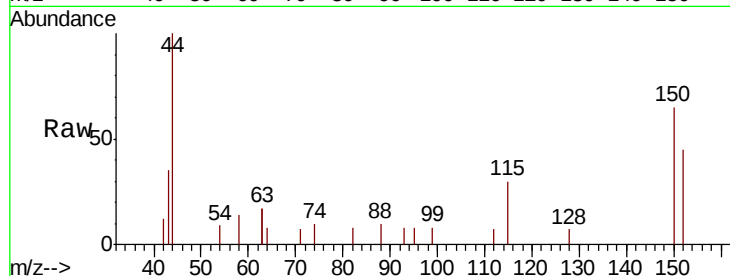
Tgt Ion: 152 Resp: 607

Ion Ratio Lower Upper

152 100

150 145.1 99.8 149.8

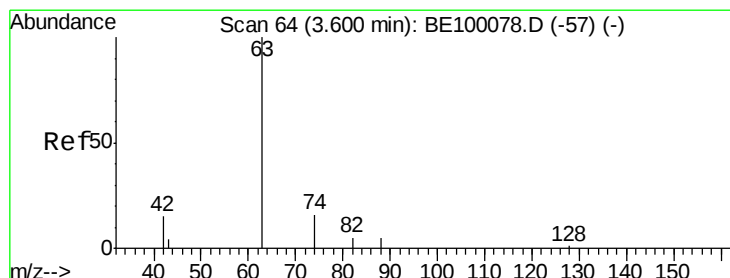
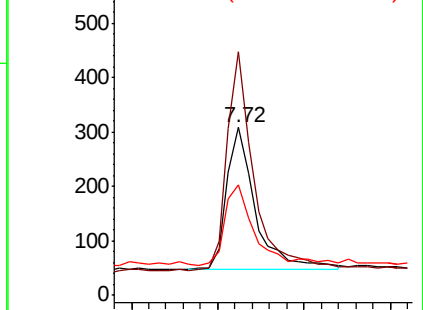
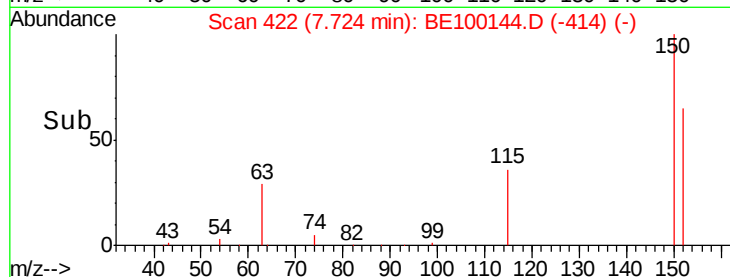
115 66.2 51.3 76.9



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



#3

n-Nitrosodimethylamine

Concen: 0.362 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

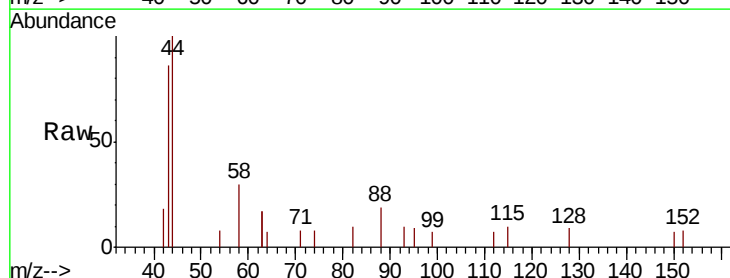
Tgt Ion: 42 Resp: 13

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

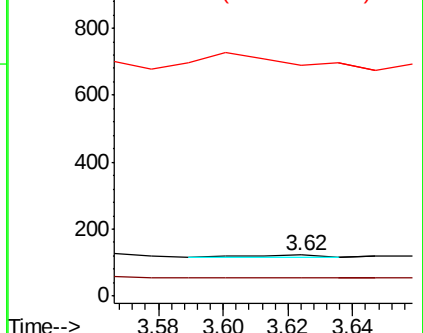
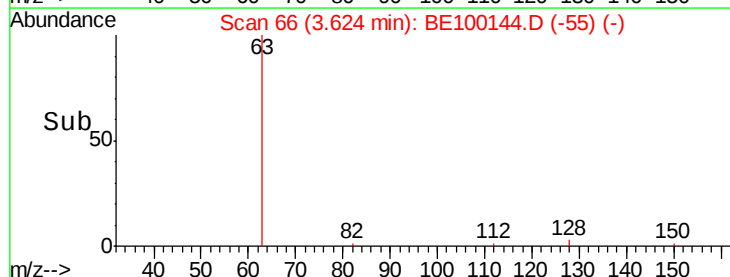
44 0.0 0.0 0.0

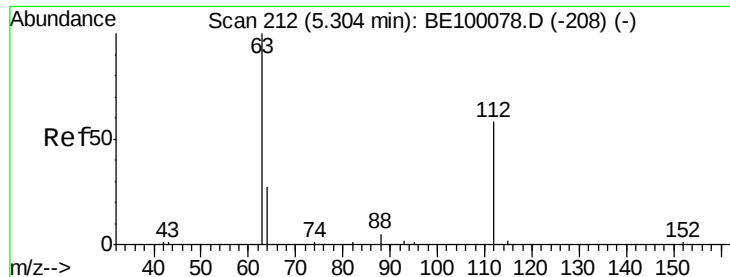


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.338 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100144.D

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Instrument :

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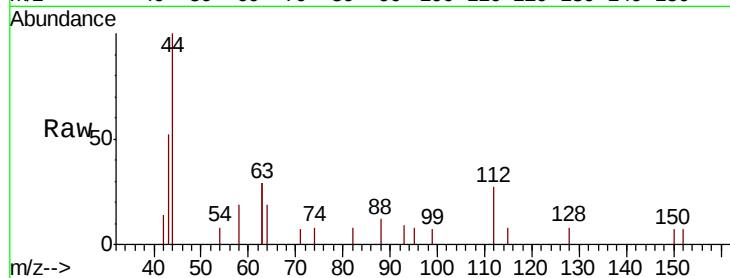
Tgt Ion: 112 Resp: 426

Ion Ratio Lower Upper

112 100

64 51.2 22.0 33.0#

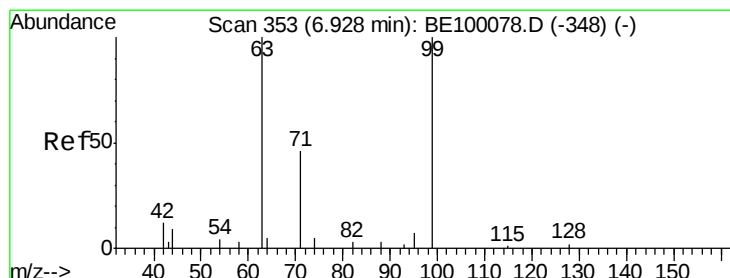
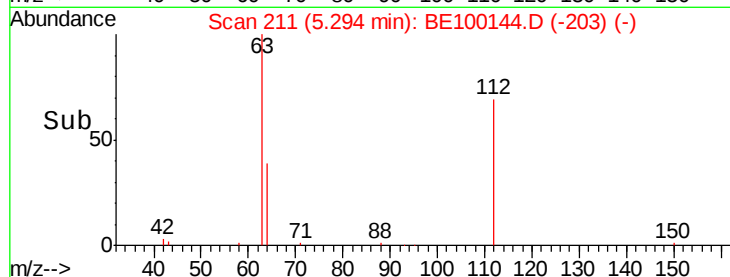
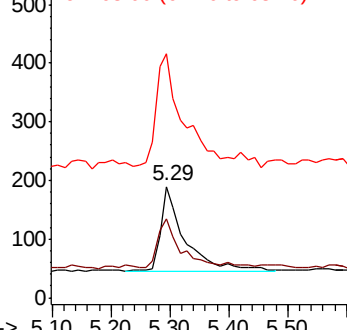
63 142.5 121.8 182.6



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.360 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

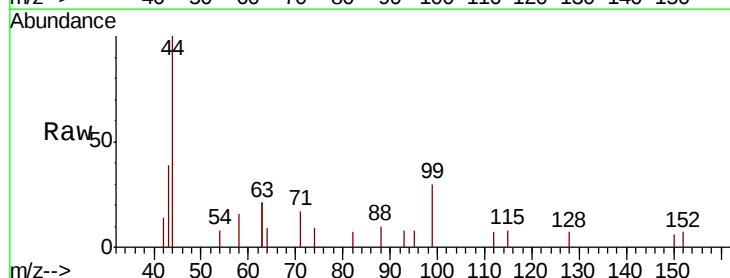
Tgt Ion: 99 Resp: 623

Ion Ratio Lower Upper

99 100

42 16.5 0.0 0.0#

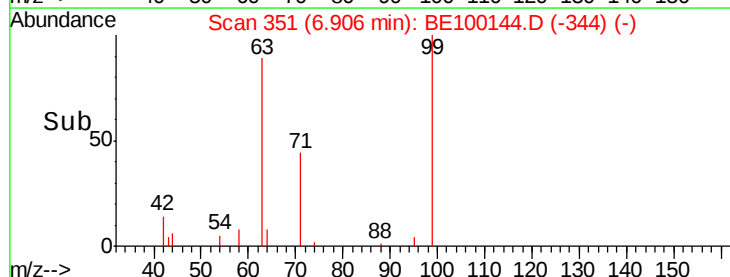
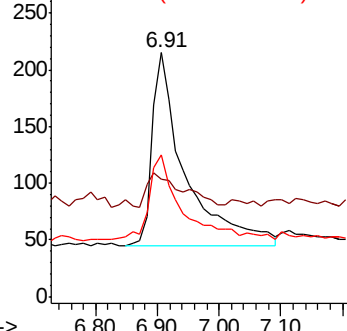
71 44.0 37.6 56.4

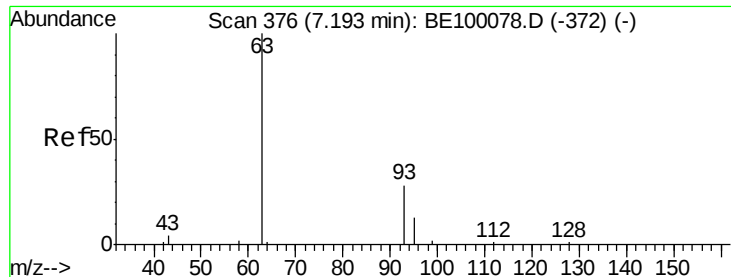


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



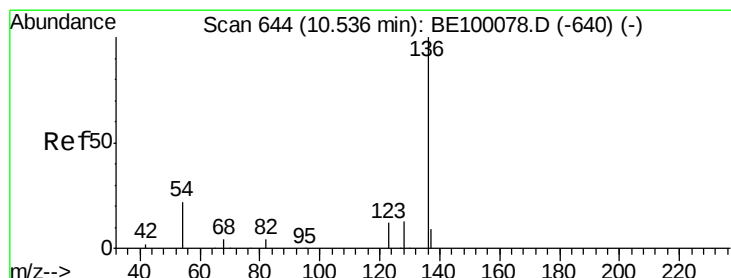
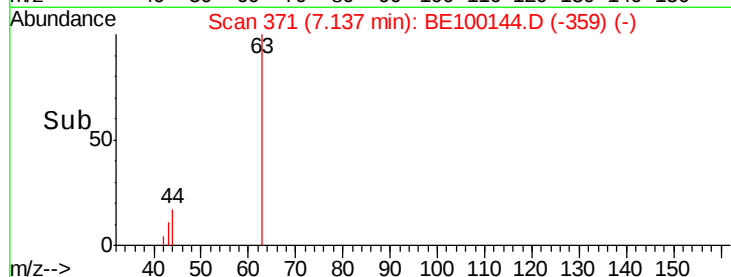
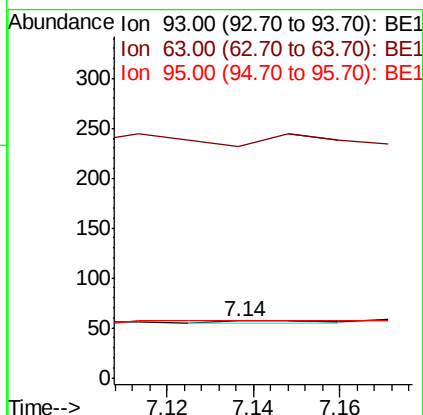
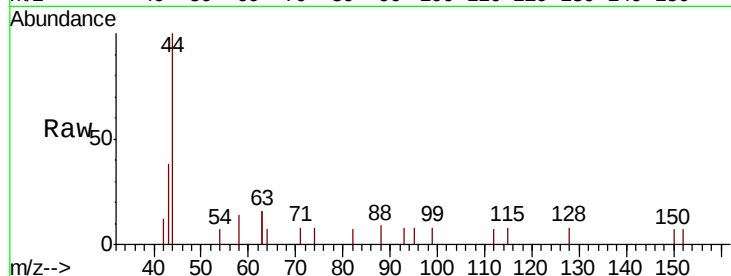


#6

bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 7.14 min Scan# 371
Delta R.T. -0.06 min
Lab File: BE100144.D
Acq: 21 Jun 2019 19:54

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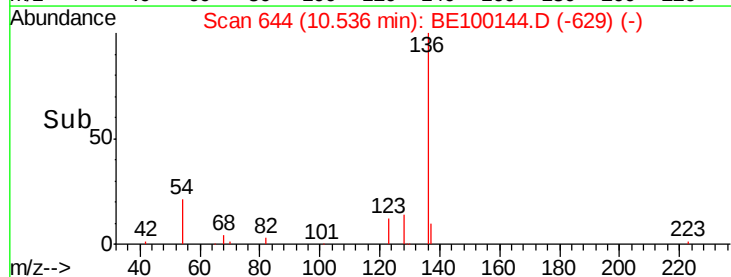
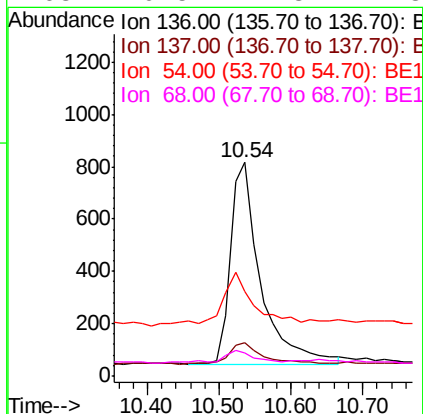
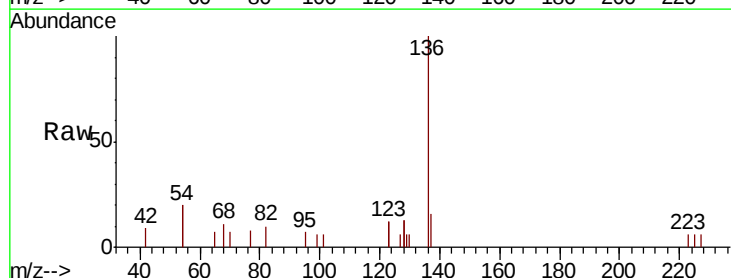
Tgt Ion: 93 Resp: 6
Ion Ratio Lower Upper
93 100
63 466.7 200.0 300.0#
95 0.0 24.0 36.0#

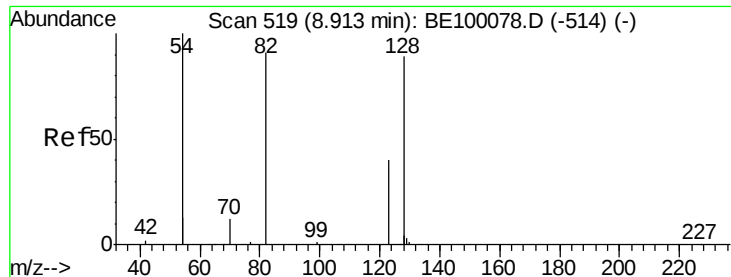


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100144.D
Acq: 21 Jun 2019 19:54

Tgt Ion: 136 Resp: 2249
Ion Ratio Lower Upper
136 100
137 15.7 11.6 17.4
54 39.7 33.9 50.9
68 10.5 7.8 11.8





#8

Nitrobenzene-d5

Concen: 0.271 ng

RT: 8.92 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

Instrument :

BNA_E

ClientSampleId :

PST-084-B043-061319

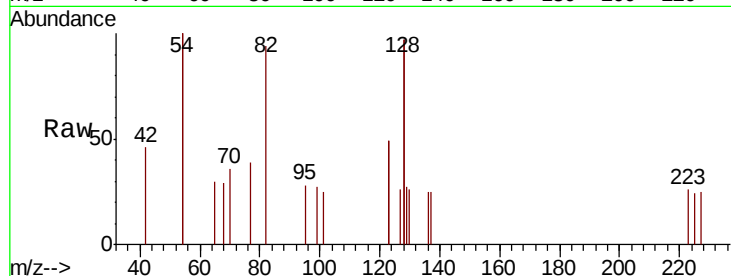
Tgt Ion: 82 Resp: 591

Ion Ratio Lower Upper

82 100

128 205.7 128.0 192.0#

54 212.5 143.4 215.0



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

Time-->

8.80 8.90 9.00 9.10

8.92

500

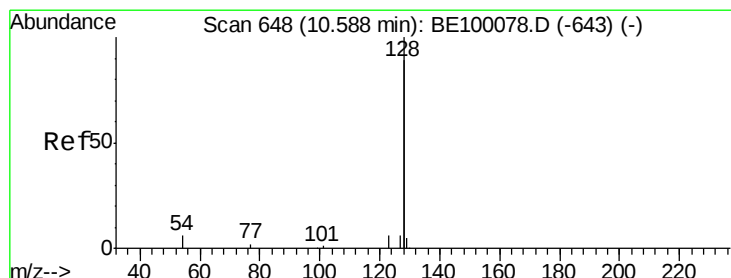
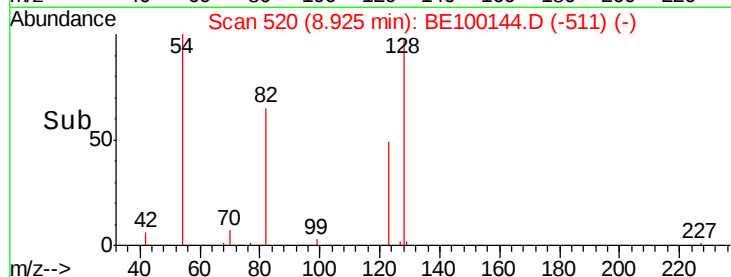
400

300

200

100

0



#9

Naphthalene

Concen: 0.220 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

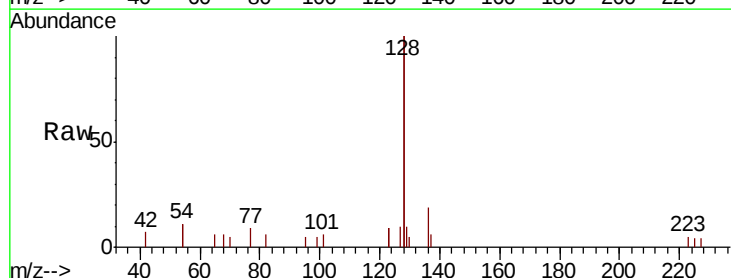
Tgt Ion: 128 Resp: 5367

Ion Ratio Lower Upper

128 100

129 5.1 3.1 4.7#

127 5.1 3.4 5.2



Abundance Ion 128.00 (127.70 to 128.70): BE1

Ion 129.00 (128.70 to 129.70): BE1

Ion 127.00 (126.70 to 127.70): BE1

Time-->

10.50 10.60 10.70

10.57

2500

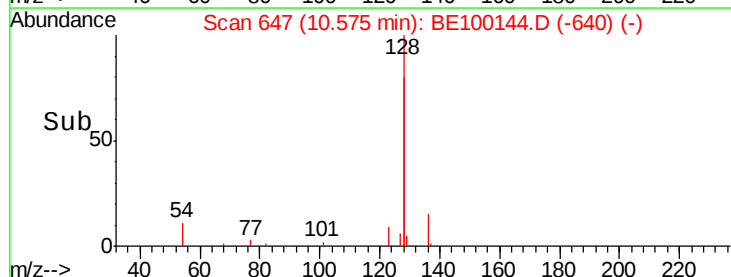
2000

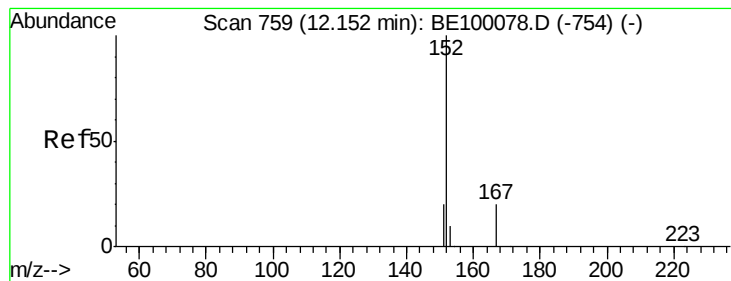
1500

1000

500

0





#11

2-Methylnaphthalene-d10

Concen: 0.024 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.02 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

Instrument :

BNA_E

ClientSampleId :

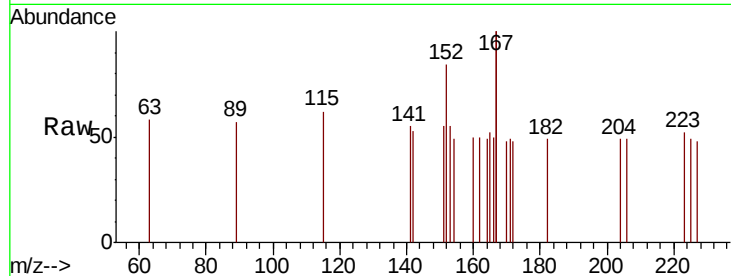
PST-084-B043-061319

Tgt Ion:152 Resp: 104

Ion Ratio Lower Upper

152 100

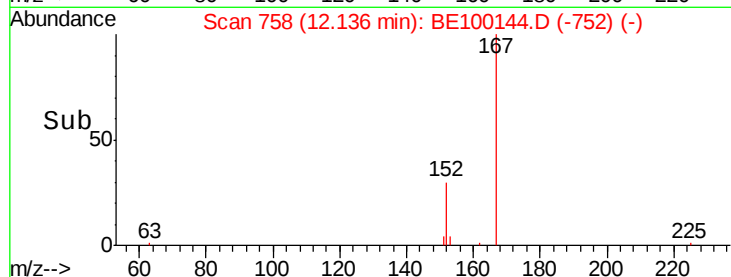
151 25.0 16.3 24.5#



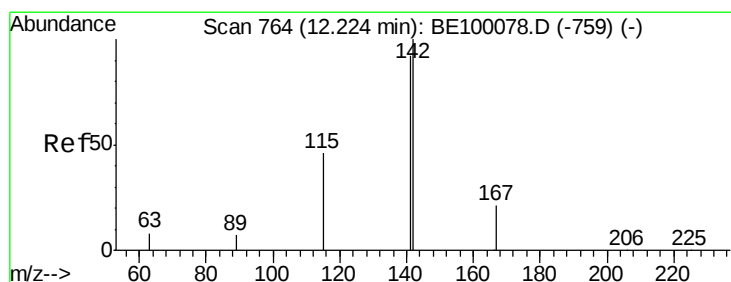
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14



Time-->



#12

2-Methylnaphthalene

Concen: 0.142 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

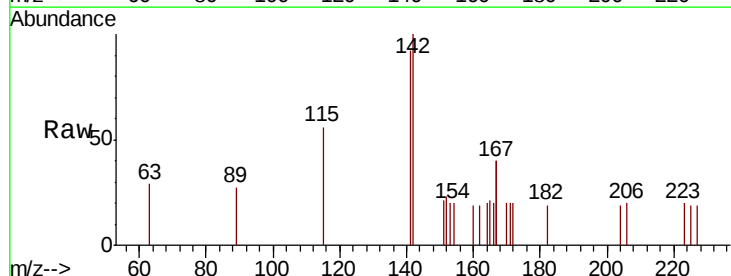
Tgt Ion:142 Resp: 572

Ion Ratio Lower Upper

142 100

141 92.2 74.1 111.1

115 55.7 40.9 61.3

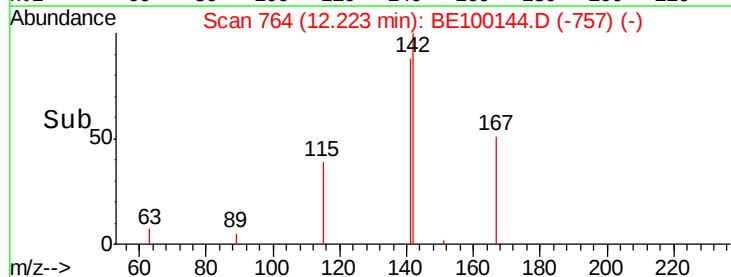


Abundance Ion 142.00 (141.70 to 142.70): E

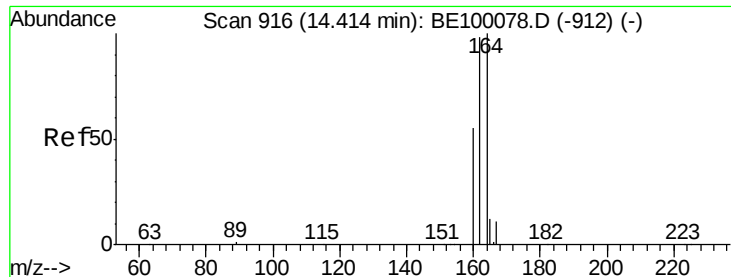
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.22



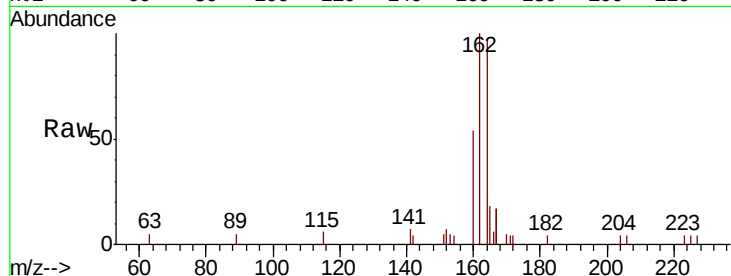
Time-->



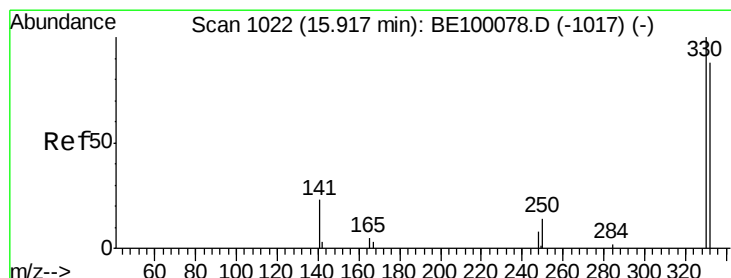
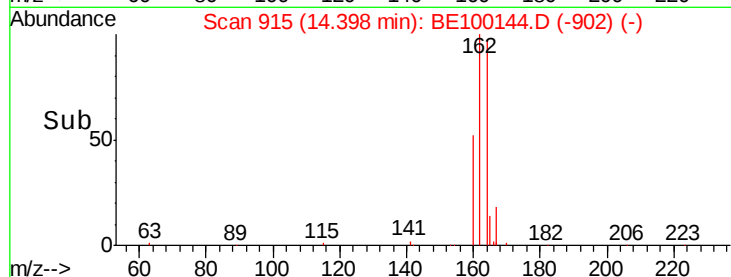
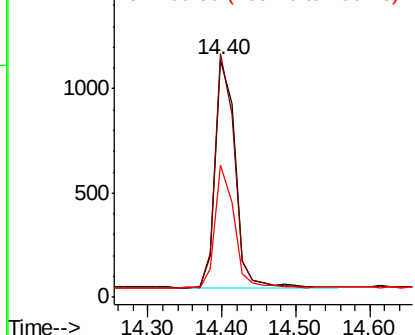
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE100144.D
Acq: 21 Jun 2019 19:54

Instrument :
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PST-084-B043-061319

Tgt Ion:164 Resp: 2061
Ion Ratio Lower Upper
164 100
162 102.6 78.2 117.2
160 55.8 45.6 68.4

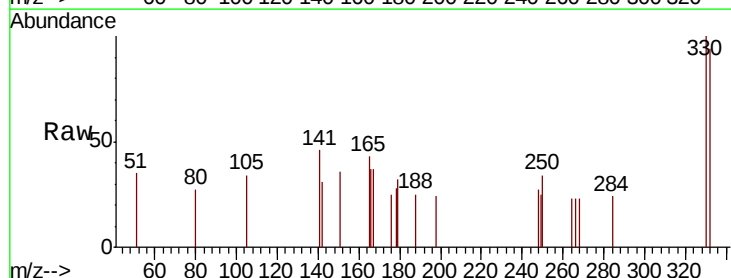


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

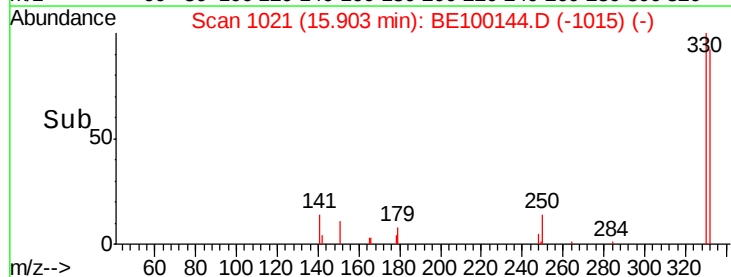
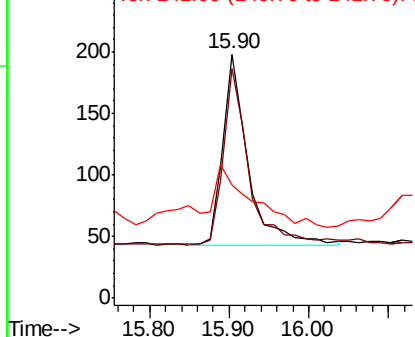


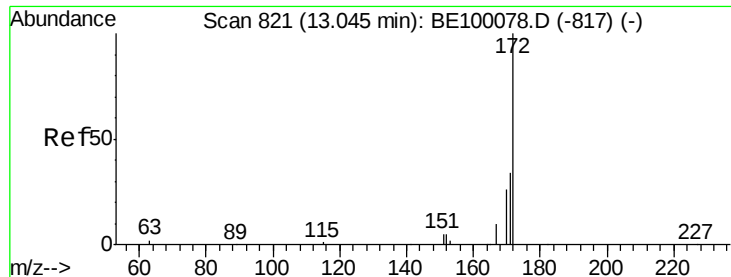
#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100144.D
Acq: 21 Jun 2019 19:54

Tgt Ion:330 Resp: 343
Ion Ratio Lower Upper
330 100
332 93.3 73.3 109.9
141 45.8 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

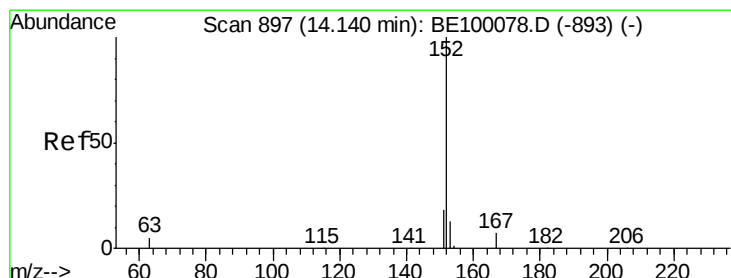
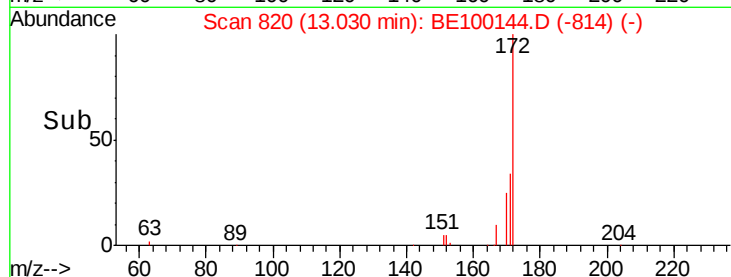
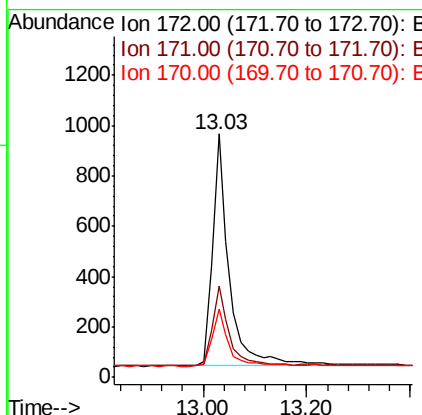
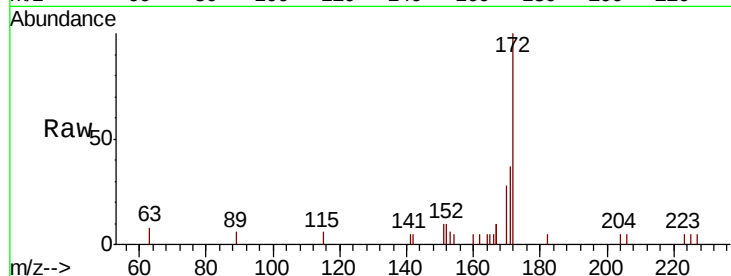




#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.02 min
Lab File: BE100144.D
Acq: 21 Jun 2019 19:54

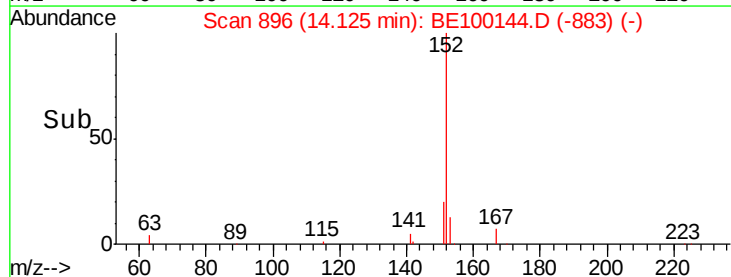
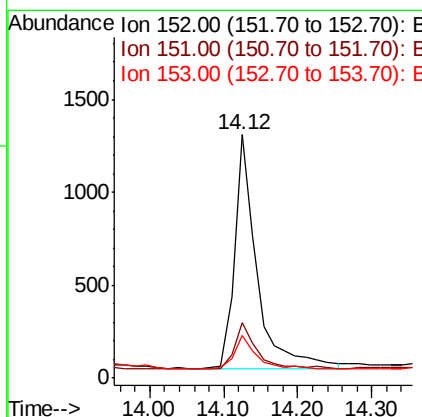
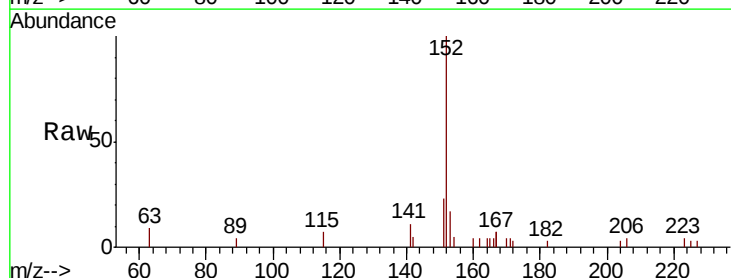
Instrument :
BNA_E
ClientSampleId :
PST-084-B043-061319

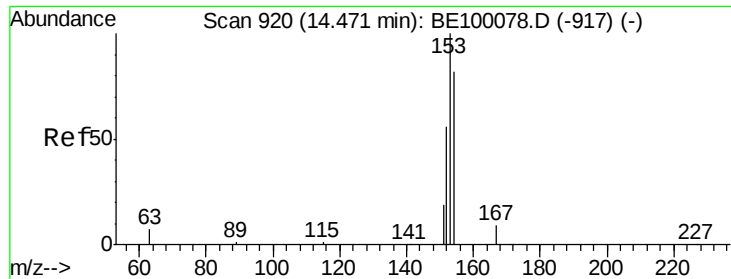
Tgt Ion:172 Resp: 2102
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.8
170 28.2 23.2 34.8



#16
Acenaphthylene
Concen: 0.273 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.02 min
Lab File: BE100144.D
Acq: 21 Jun 2019 19:54

Tgt Ion:152 Resp: 2672
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 14.0 10.1 15.1

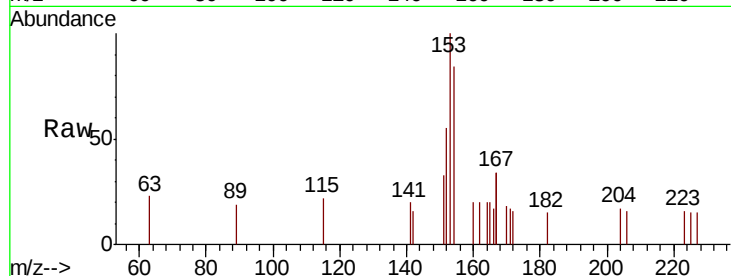




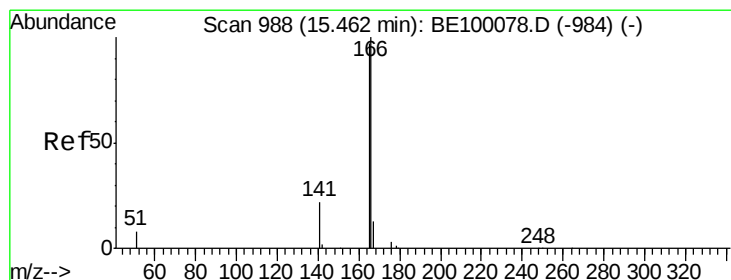
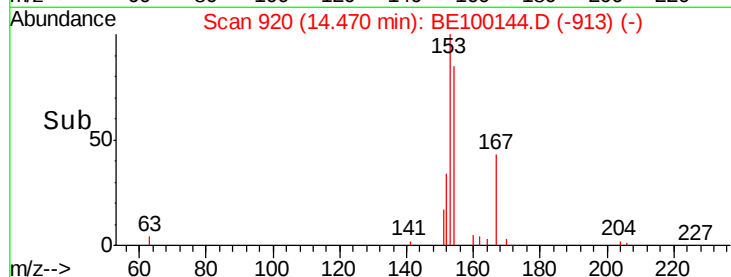
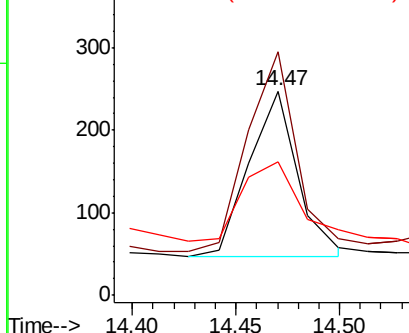
#17
Acenaphthene
Concen: 0.060 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100144.D
Acq: 21 Jun 2019 19:54

Instrument :
BNA_E
ClientSampleId :
PST-084-B043-061319

Tgt Ion:154 Resp: 329
Ion Ratio Lower Upper
154 100
153 122.8 95.5 143.3
152 56.2 54.9 82.3

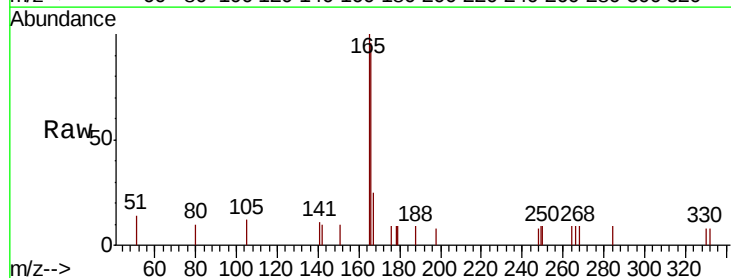


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

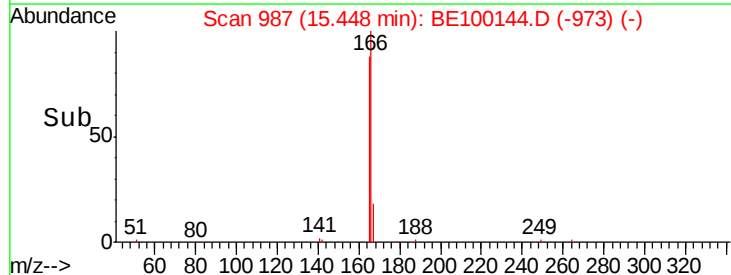
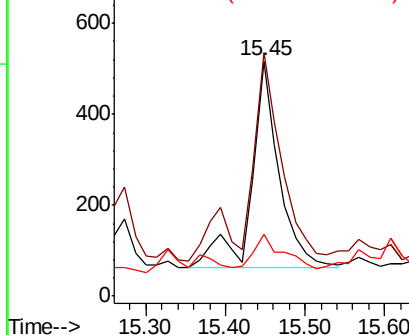


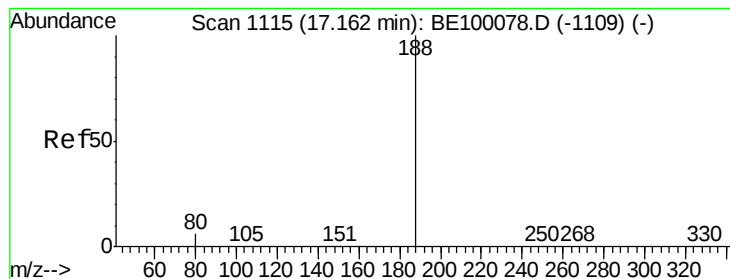
#18
Fluorene
Concen: 0.136 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100144.D
Acq: 21 Jun 2019 19:54

Tgt Ion:166 Resp: 1110
Ion Ratio Lower Upper
166 100
165 88.8 79.8 119.8
167 16.9 10.2 15.4#



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: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

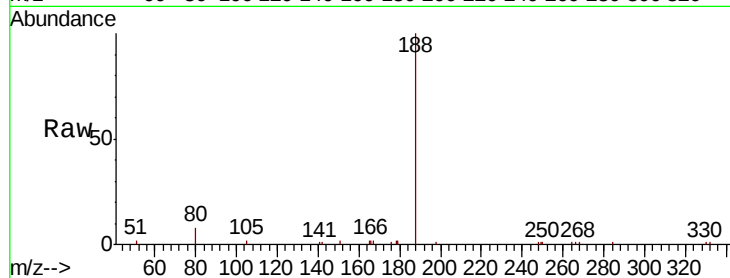
Instrument :

BNA_E

ClientSampleId :

PST-084-B043-061319

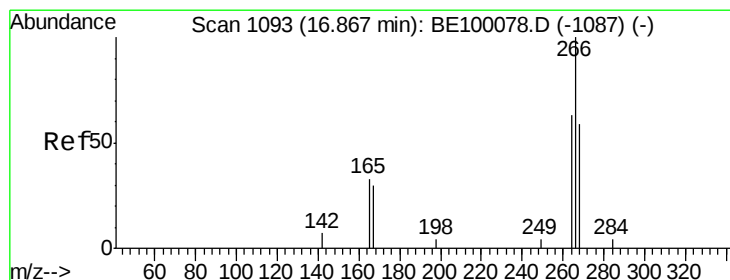
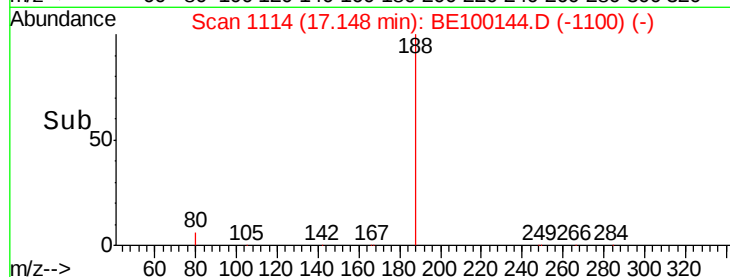
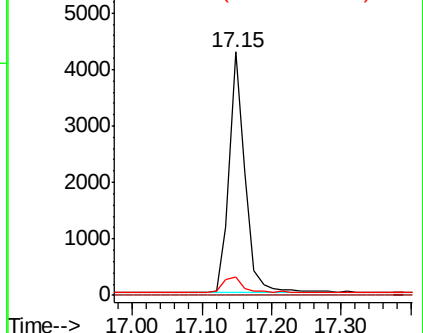
Tgt Ion:	188	Resp:	6785
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.3	9.5



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: 0.262 ng

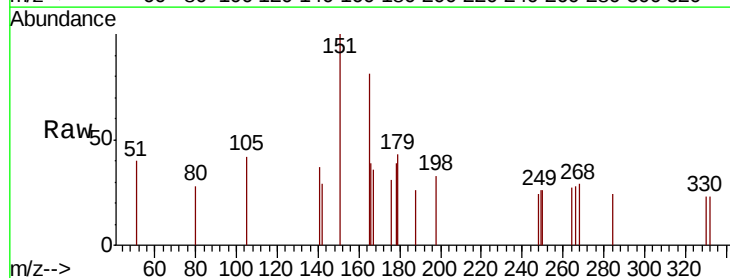
RT: 16.81 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

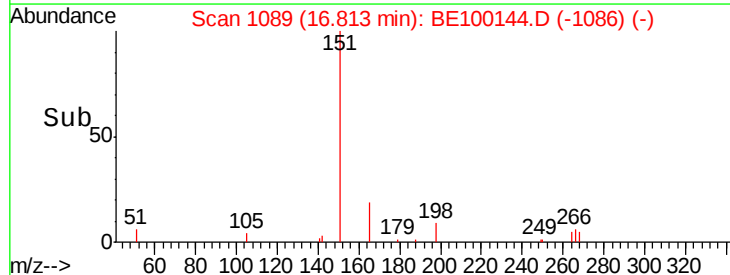
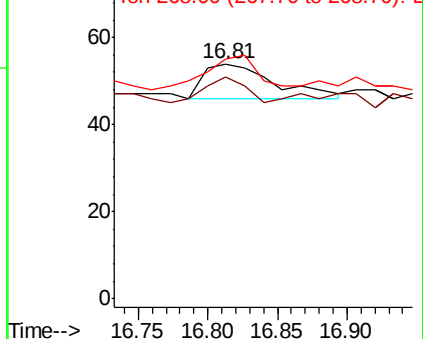
Tgt Ion:	266	Resp:	28
Ion	Ratio	Lower	Upper
266	100		
264	94.4	67.8	101.6
268	101.9	70.0	105.0

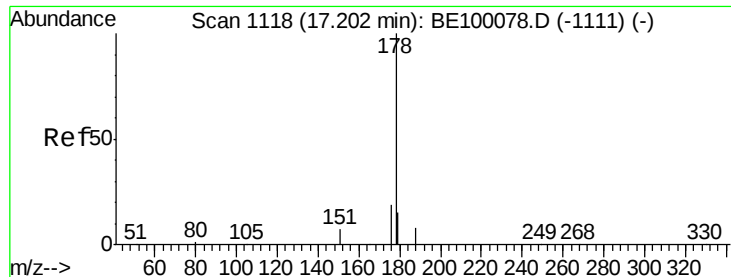


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.446 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

Instrument :

BNA_E

ClientSampleId :

PST-084-B043-061319

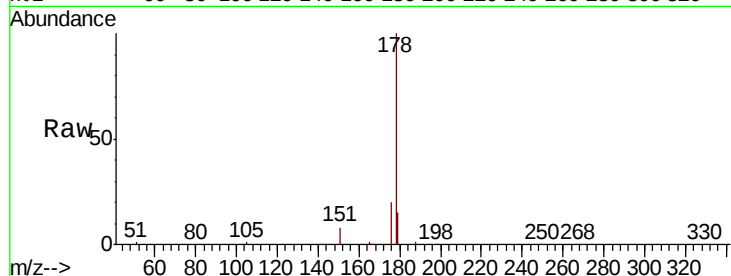
Tgt Ion:178 Resp: 23504

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

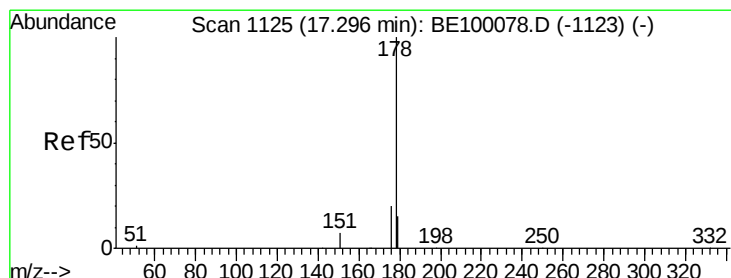
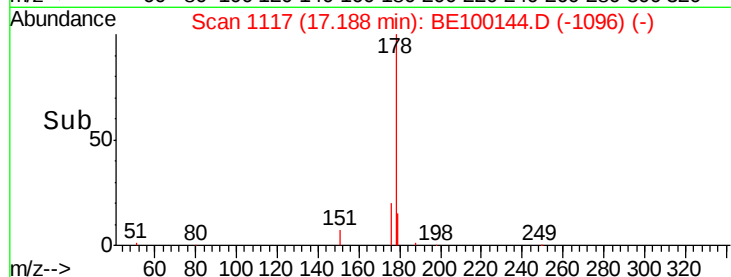
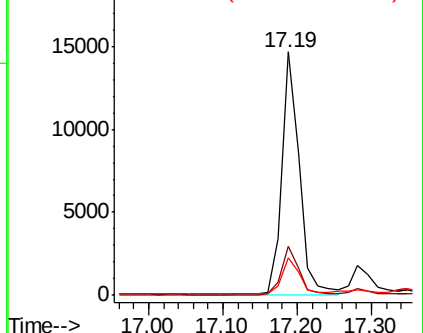
179 15.4 13.1 19.7



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: 0.220 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

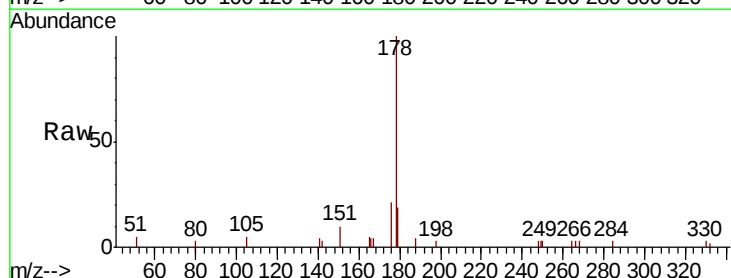
Tgt Ion:178 Resp: 3013

Ion Ratio Lower Upper

178 100

176 17.9 15.8 23.6

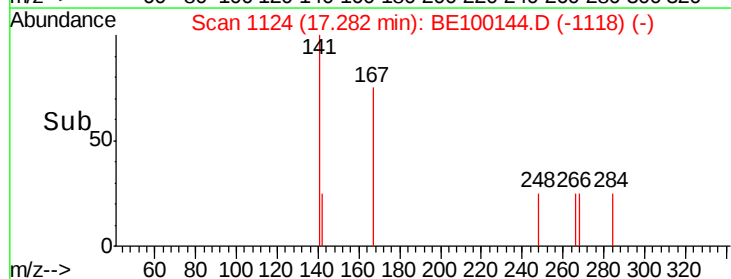
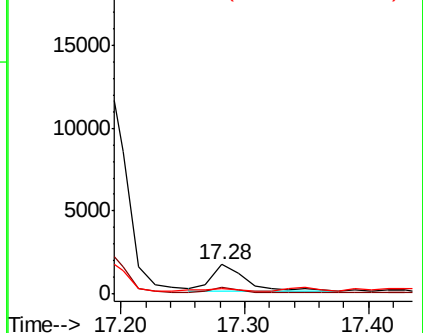
179 12.8 12.0 18.0

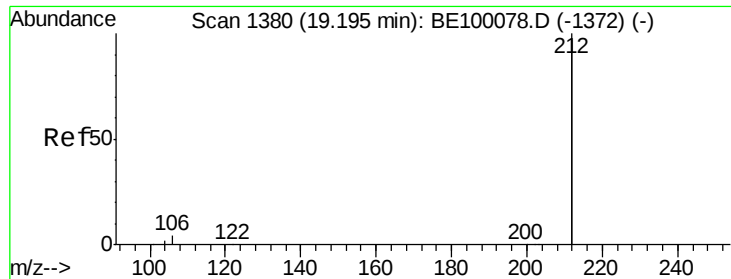


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.018 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

Instrument :

BNA_E

ClientSampleId :

PST-084-B043-061319

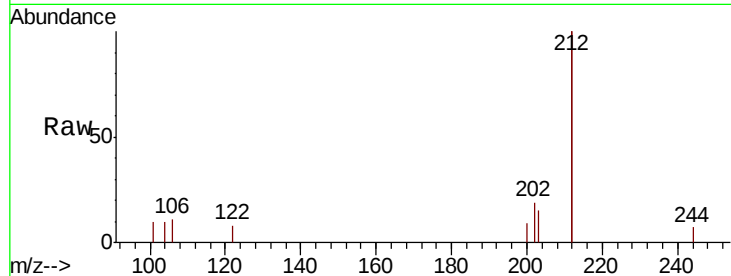
Tgt Ion:212 Resp: 1751

Ion Ratio Lower Upper

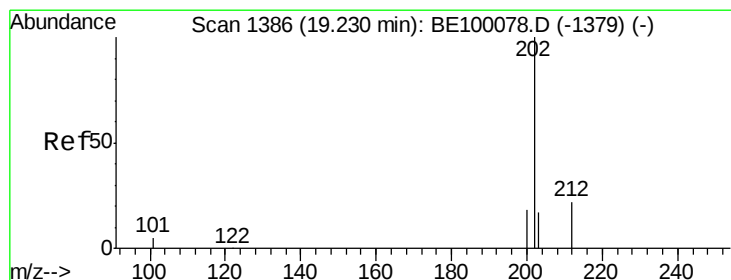
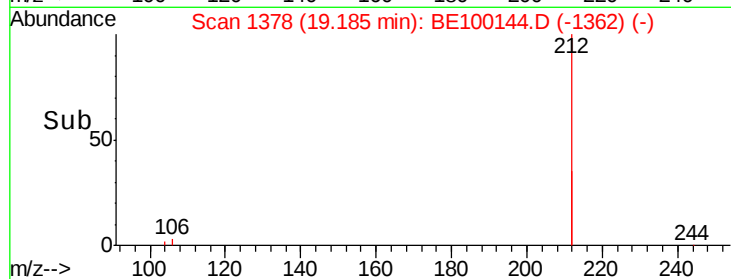
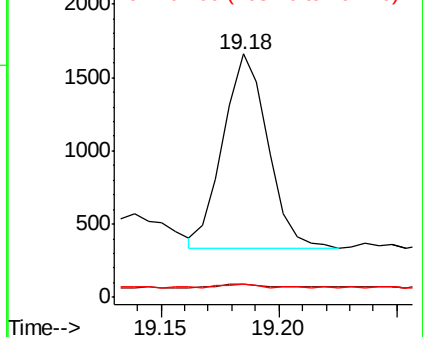
212 100

106 2.2 1.4 2.0#

104 1.8 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: 1.795 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.02 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

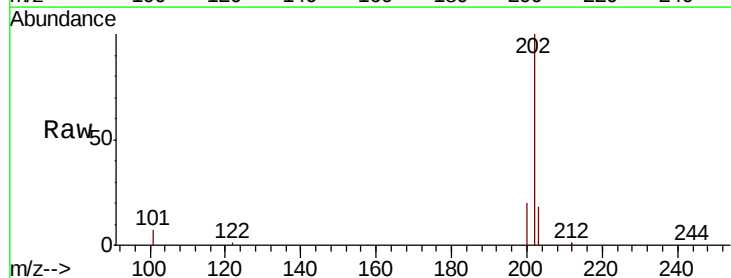
Tgt Ion:202 Resp: 46840

Ion Ratio Lower Upper

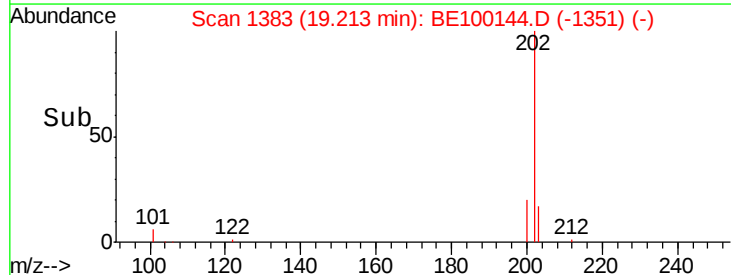
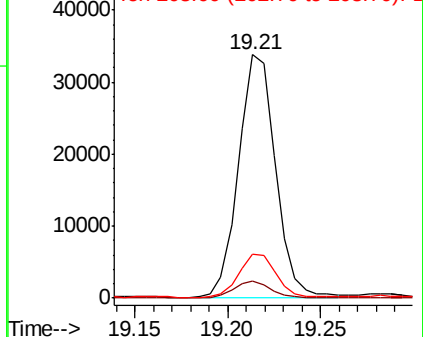
202 100

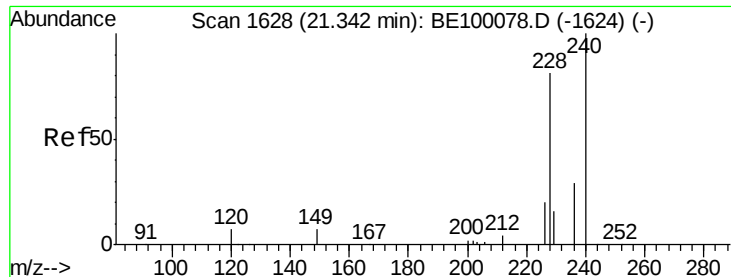
101 6.3 5.0 7.4

203 17.8 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: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

Instrument :

BNA_E

ClientSampleId :

PST-084-B043-061319

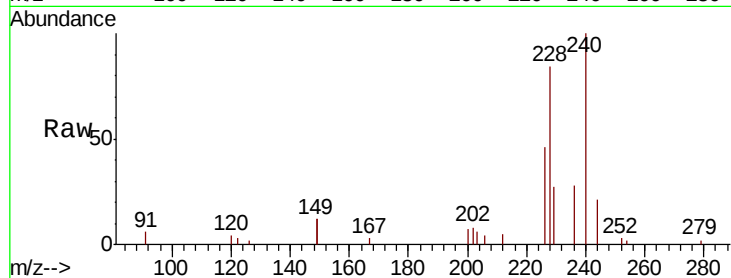
Tgt Ion:240 Resp: 8816

Ion Ratio Lower Upper

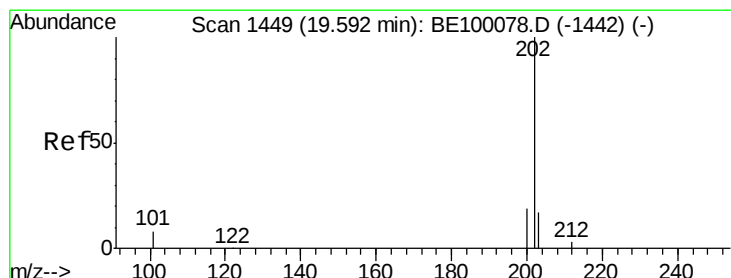
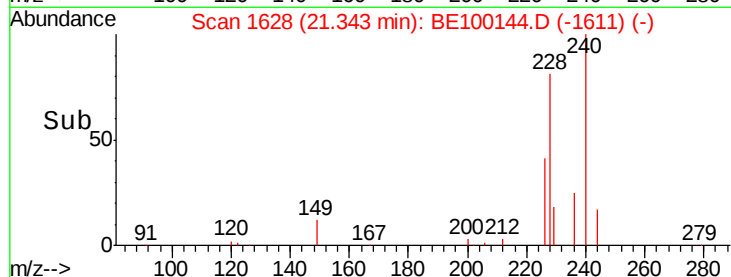
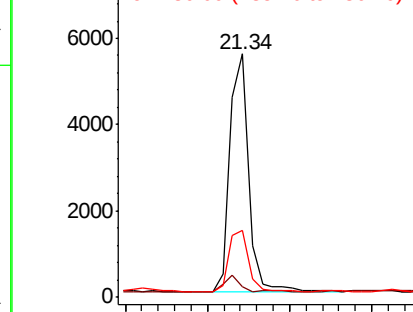
240 100

120 4.4 6.6 10.0#

236 27.6 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



#28

Pyrene

Concen: 2.540 ng

RT: 19.58 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

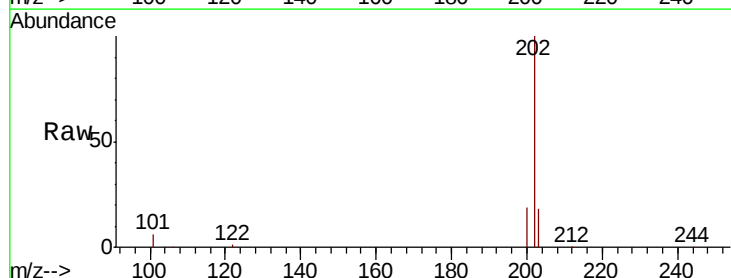
Tgt Ion:202 Resp: 57549

Ion Ratio Lower Upper

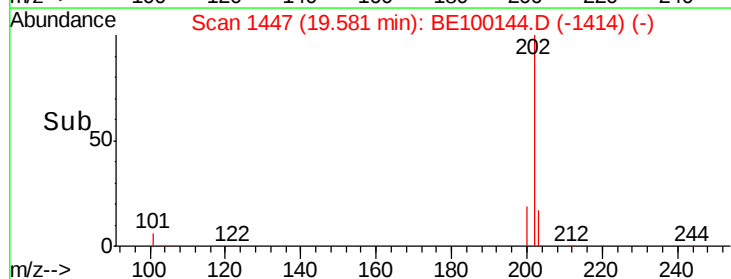
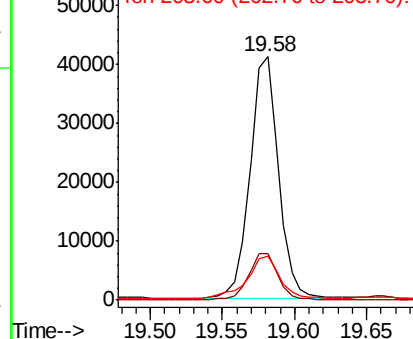
202 100

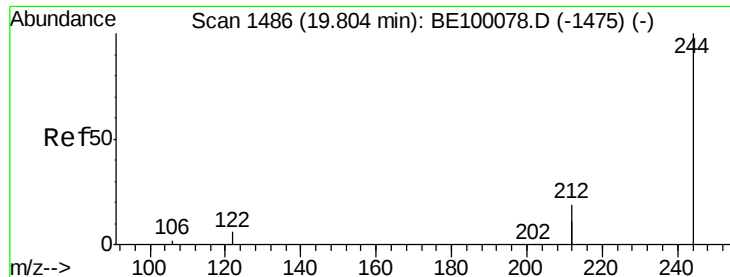
200 19.6 15.6 23.4

203 20.4 13.9 20.9



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: 0.254 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

Instrument :

BNA_E

ClientSampleId :

PST-084-B043-061319

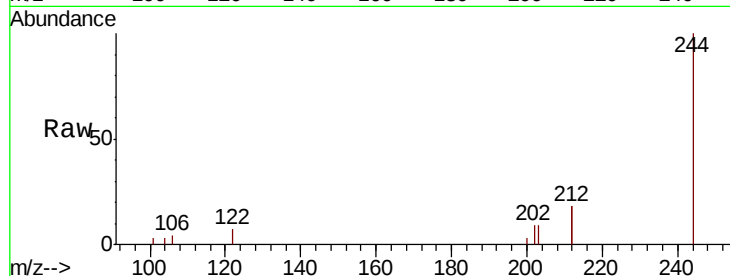
Tgt Ion:244 Resp: 4469

Ion Ratio Lower Upper

244 100

212 35.5 29.8 44.8

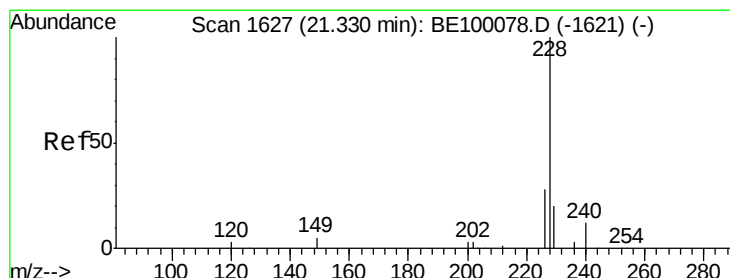
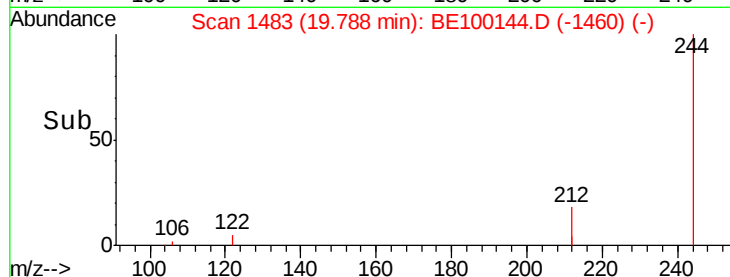
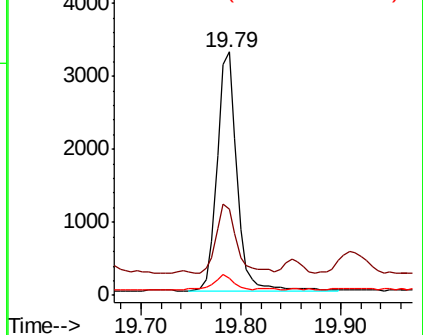
122 7.1 6.1 9.1



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



#30

Benzo(a)anthracene

Concen: 1.236 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

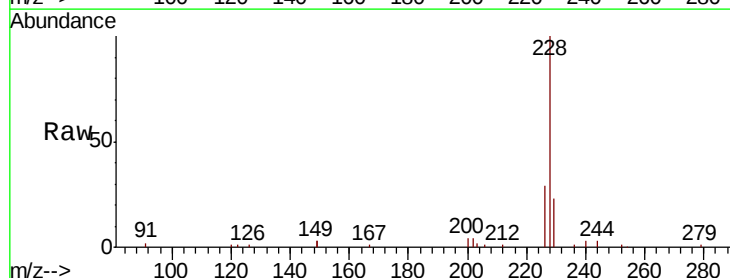
Tgt Ion:228 Resp: 32407

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.4

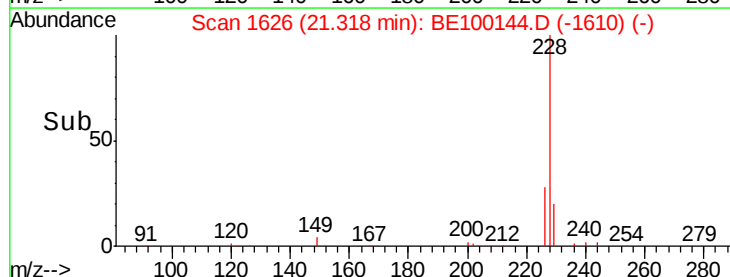
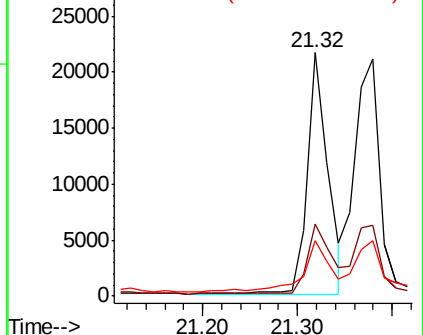
229 22.6 16.4 24.6

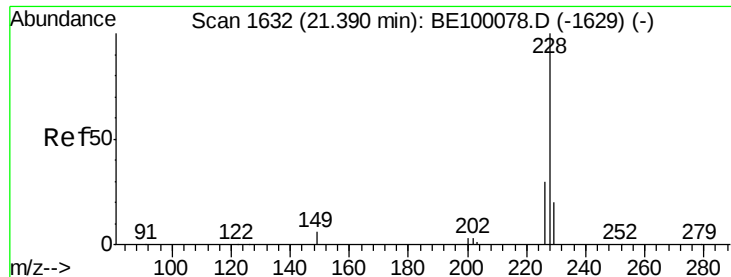


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.229 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

Instrument :

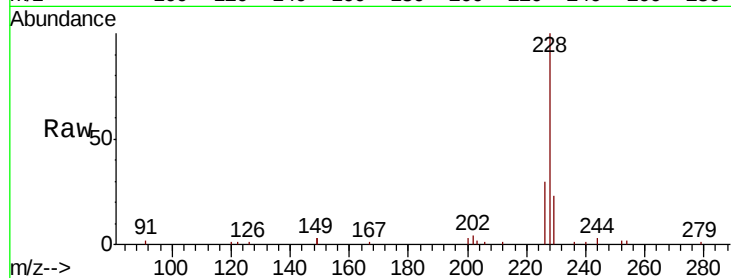
BNA_E

ClientSampleId :

PST-084-B043-061319

Tgt Ion: 228 Resp: 37462

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	23.3	16.3	24.5

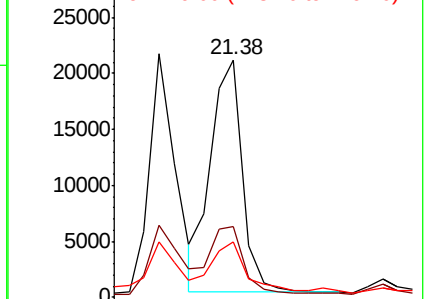


Abundance

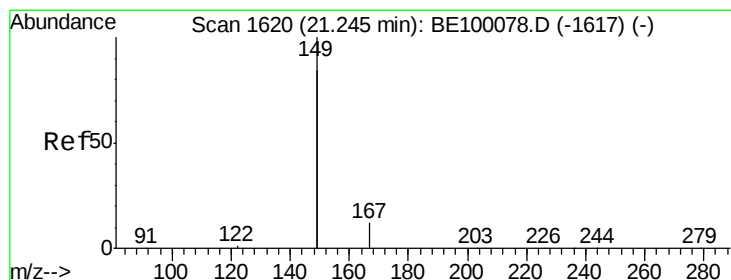
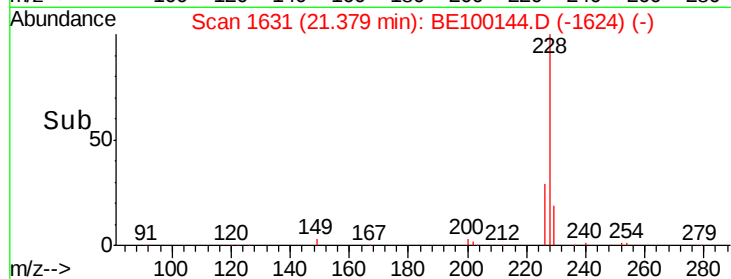
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.320 ng

RT: 21.25 min Scan# 1620

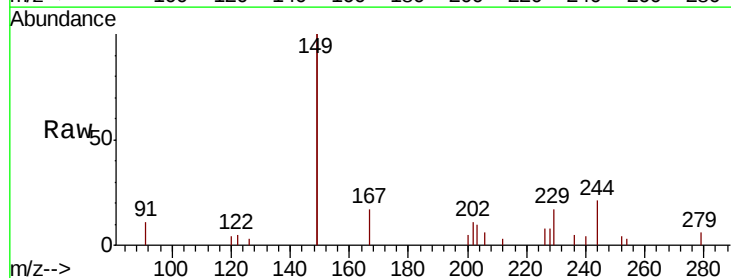
Delta R.T. 0.00 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

Tgt Ion: 149 Resp: 7910

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.6
279	1.4	1.1	1.7

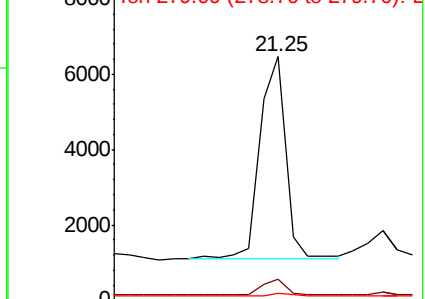


Abundance

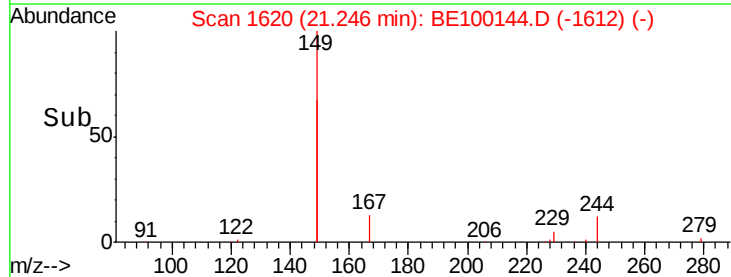
Ion 149.00 (148.70 to 149.70): E

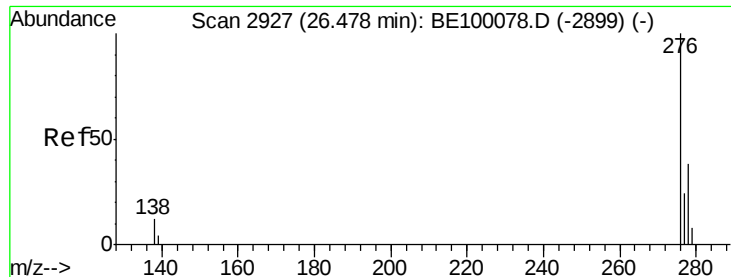
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.532 ng

RT: 26.46 min Scan# 2922

Delta R.T. -0.02 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

Instrument :

BNA_E

ClientSampleId :

PST-084-B043-061319

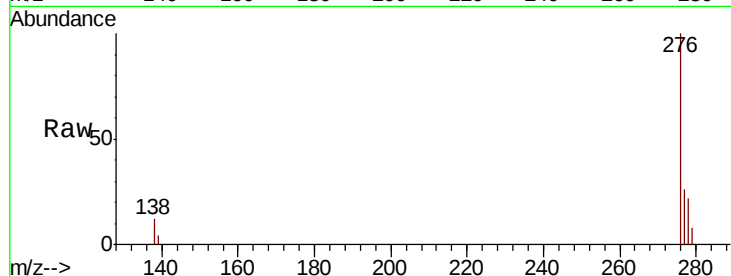
Tgt Ion:276 Resp: 18229

Ion Ratio Lower Upper

276 100

138 10.9 4.3 6.5#

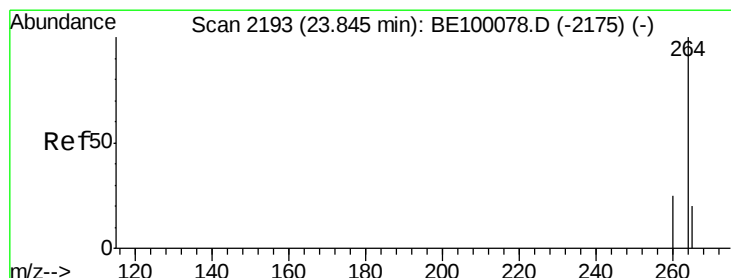
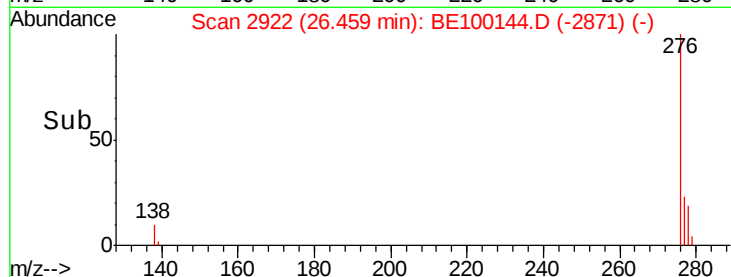
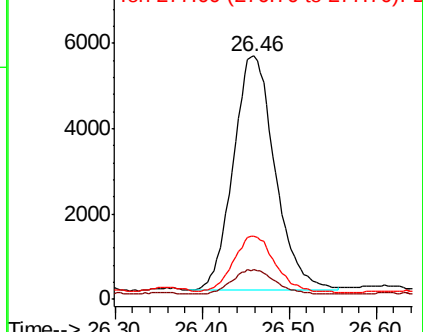
277 23.5 19.4 29.0



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: 23.83 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

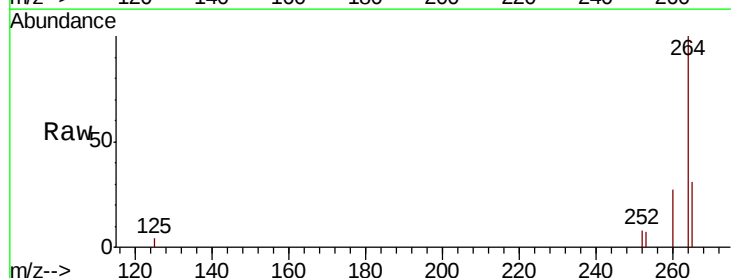
Tgt Ion:264 Resp: 10240

Ion Ratio Lower Upper

264 100

260 26.9 20.8 31.2

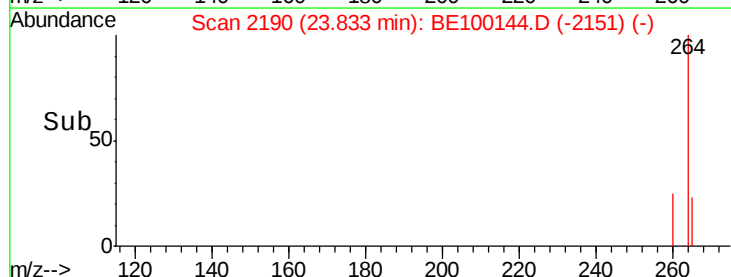
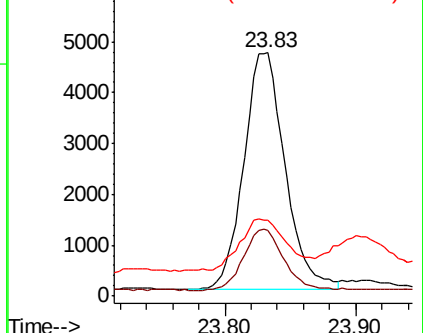
265 31.4 23.2 34.8

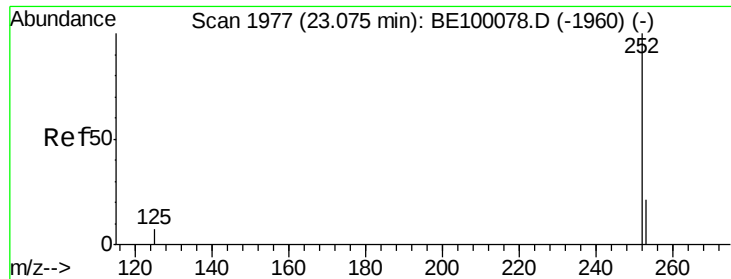


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

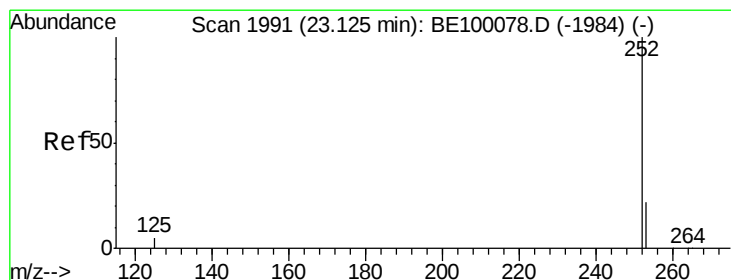
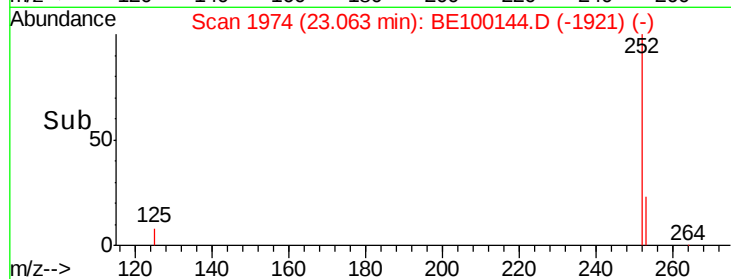
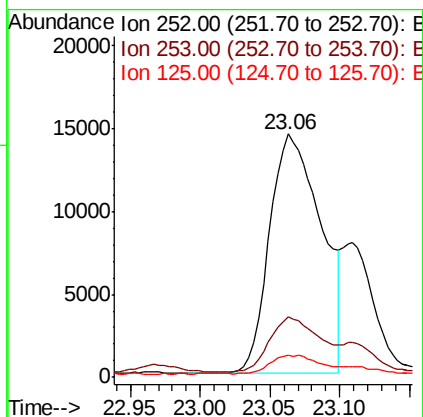
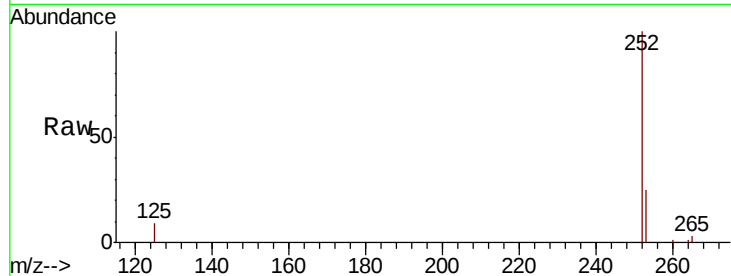




#35
Benzo(b)fluoranthene
Concen: 1.240 ng
RT: 23.06 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BE100144.D
Acq: 21 Jun 2019 19:54

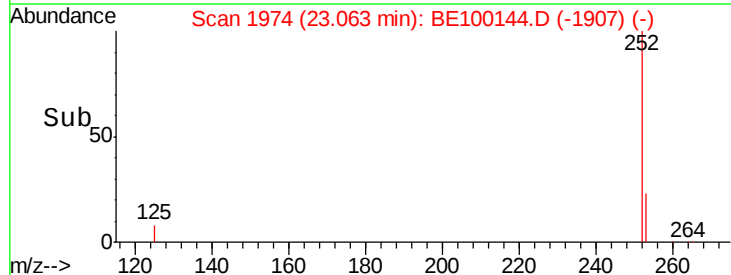
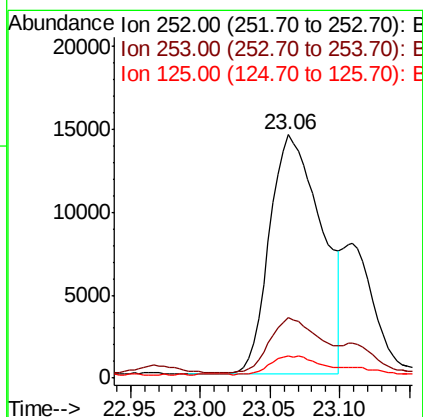
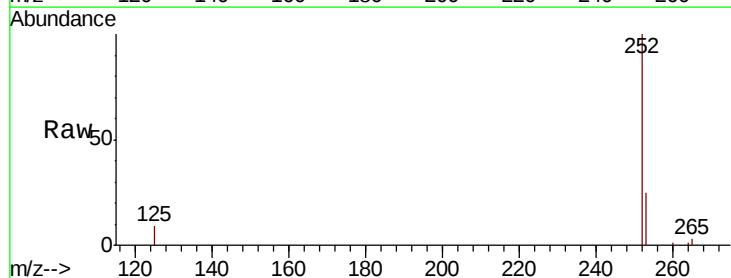
Instrument :
BNA_E
ClientSampleId :
PST-084-B043-061319

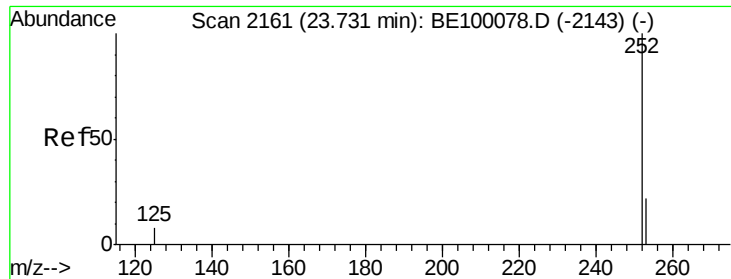
Tgt Ion: 252 Resp: 37275
Ion Ratio Lower Upper
252 100
253 24.7 18.4 27.6
125 9.1 6.4 9.6



#36
Benzo(k)fluoranthene
Concen: 1.090 ng
RT: 23.06 min Scan# 1974
Delta R.T. -0.06 min
Lab File: BE100144.D
Acq: 21 Jun 2019 19:54

Tgt Ion: 252 Resp: 37275
Ion Ratio Lower Upper
252 100
253 24.7 18.9 28.3
125 9.1 5.3 7.9#





#37

Benzo(a)pyrene

Concen: 0.963 ng

RT: 23.72 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

Instrument :

BNA_E

ClientSampleId :

PST-084-B043-061319

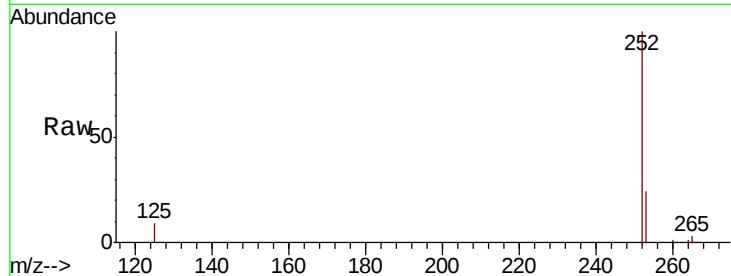
Tgt Ion: 252 Resp: 27937

Ion Ratio Lower Upper

252 100

253 23.7 19.4 29.2

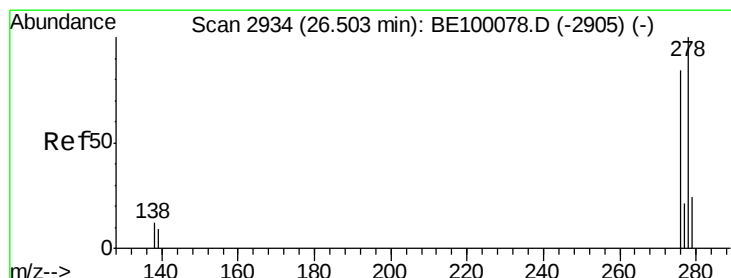
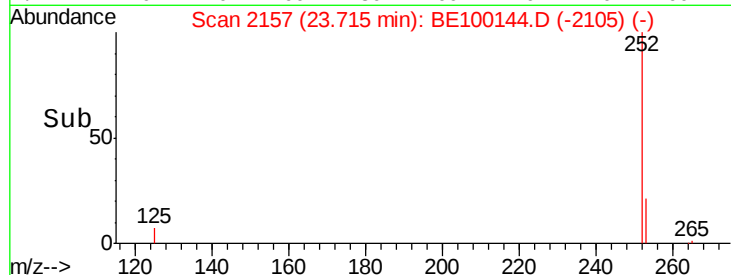
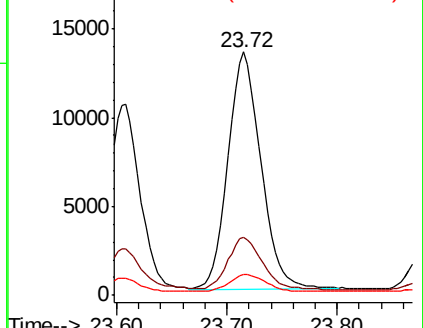
125 8.5 8.0 12.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.165 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.03 min

Lab File: BE100144.D

Acq: 21 Jun 2019 19:54

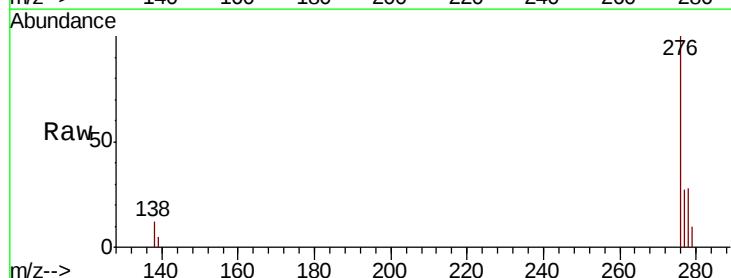
Tgt Ion: 278 Resp: 4907

Ion Ratio Lower Upper

278 100

139 18.3 9.0 13.6#

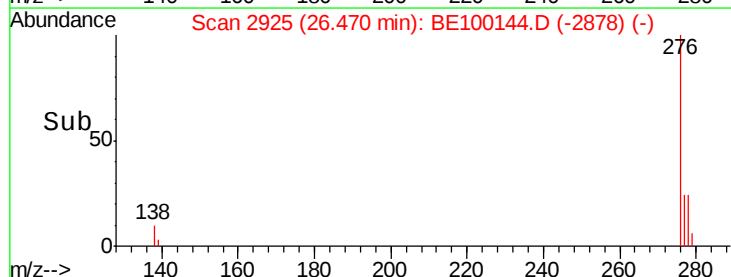
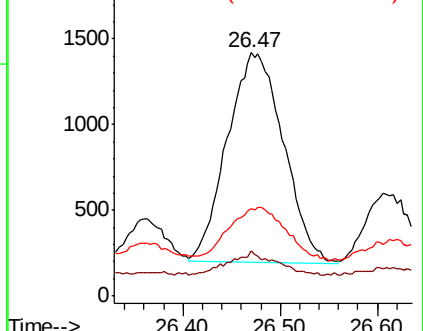
279 35.9 21.4 32.0#

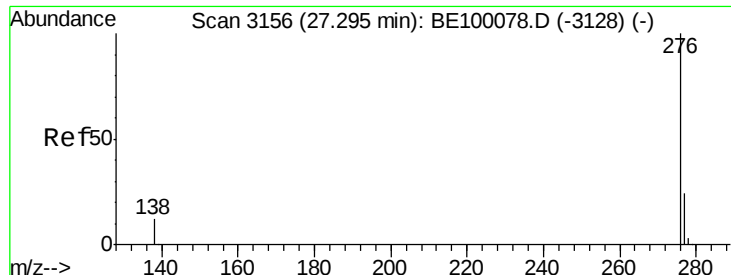


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.655 ng

RT: 27.27 min Scan# 3150

Delta R.T. -0.02 min

Lab File: BE100144.D

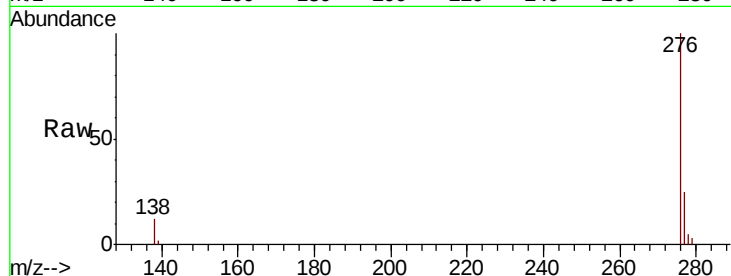
Acq: 21 Jun 2019 19:54

Instrument :

BNA_E

ClientSampleId :

PST-084-B043-061319



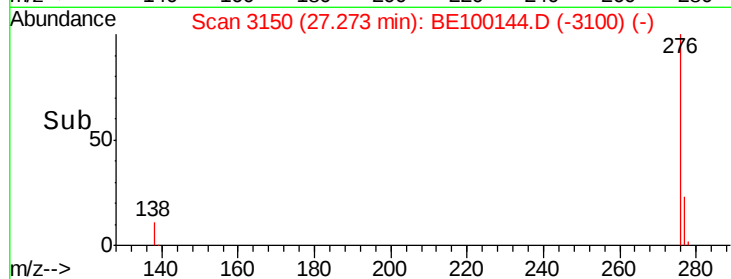
Tgt Ion: 276 Resp: 20236

Ion Ratio Lower Upper

276 100

277 25.1 20.3 30.5

138 12.2 11.3 16.9



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

