

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
 Data File : BE100244.D
 Acq On : 28 Jun 2019 20:51
 Operator : JU/SJ
 Sample : K3445-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-029-B052-061719

Quant Time: Jun 29 00:02:04 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	7.64	152	741	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2628	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2151	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6361	0.40	ng	0.00
27) Chrysene-d12	21.25	240	8573	0.40	ng	0.00
34) Perylene-d12	23.67	264	10005	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	656	0.35	ng	0.00
5) Phenol-d6	6.83	99	901	0.36	ng	-0.01
8) Nitrobenzene-d5	8.81	82	941	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1959	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	536	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	2789	0.33	ng	0.00
25) Fluoranthene-d10	19.10	212	33230	0.36	ng	0.00
29) Terphenyl-d14	19.70	244	5547	0.31	ng	0.00

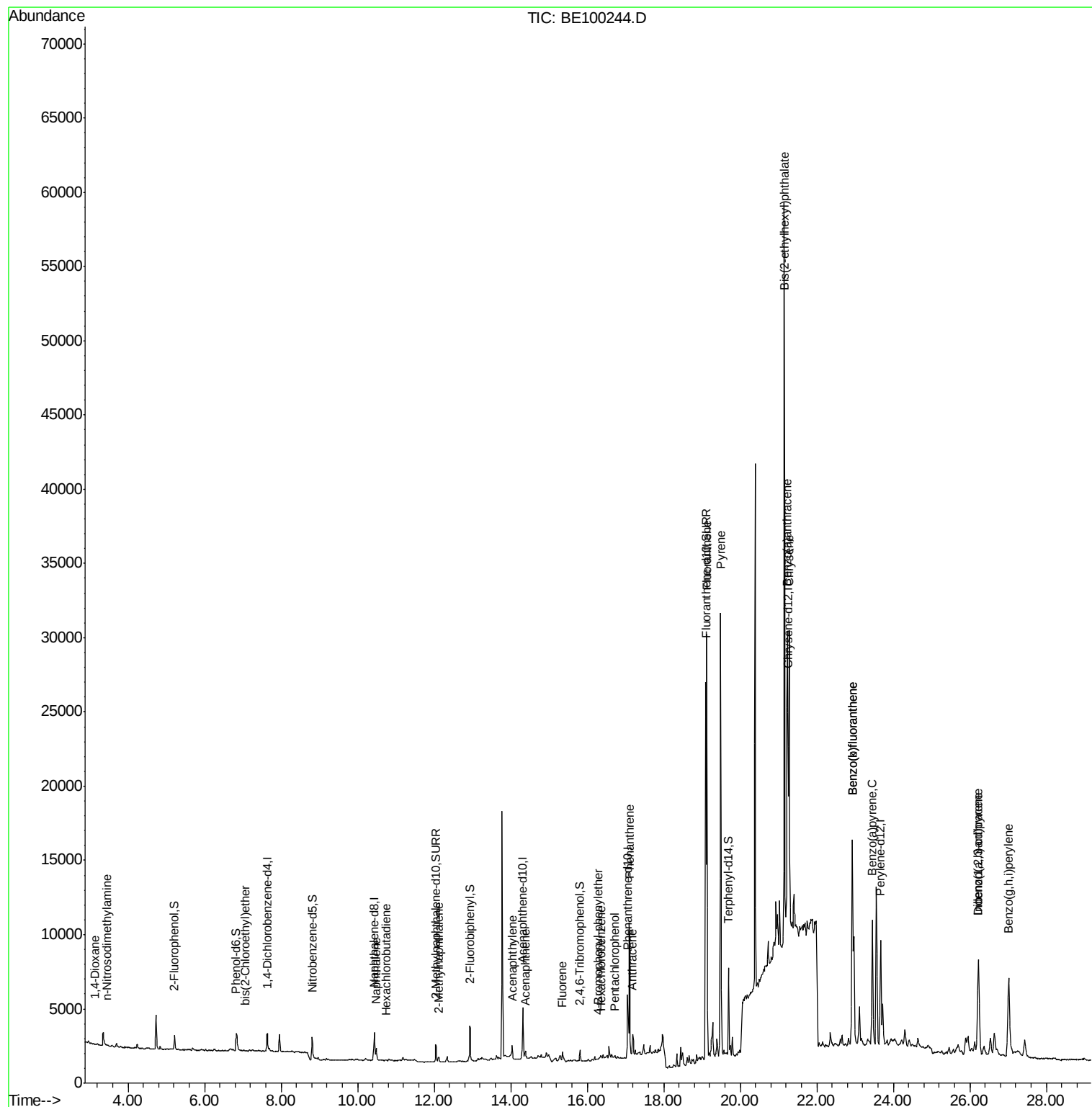
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.14	88	4	0.003	ng	# 32
3) n-Nitrosodimethylamine	3.44	42	19	0.035	ng	# 1
6) bis(2-Chloroethyl)ether	7.07	93	20	0.010	ng	# 1
9) Naphthalene	10.48	128	1428	0.049	ng	# 89
10) Hexachlorobutadiene	10.74	225	2	0.001	ng	# 2
12) 2-Methylnaphthalene	12.12	142	275	0.054	ng	94
16) Acenaphthylene	14.04	152	2645	0.256	ng	# 94
17) Acenaphthene	14.38	154	398	0.068	ng	93
18) Fluorene	15.35	166	666	0.077	ng	# 80
20) 4-Bromophenyl-phenylether	16.29	248	28	0.007	ng	# 64
21) Hexachlorobenzene	16.37	284	10	0.002	ng	# 1
22) Pentachlorophenol	16.72	266	27	0.021	ng	85
23) Phenanthrene	17.09	178	10864	0.705	ng	99
24) Anthracene	17.19	178	1896	0.137	ng	99
26) Fluoranthene	19.13	202	26928	1.097	ng	99
28) Pyrene	19.49	202	27548	1.214	ng	# 94
30) Benzo(a)anthracene	21.23	228	15526	0.551	ng	# 73
31) Chrysene	21.28	228	19196	0.678	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.15	149	56328	1.356	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	12780	0.341	ng	98
35) Benzo(b)fluoranthene	22.93	252	23489	0.866	ng	# 89
36) Benzo(k)fluoranthene	22.93	252	23489	0.776	ng	# 85
37) Benzo(a)pyrene	23.45	252	12798	0.471	ng	95
38) Dibenzo(a,h)anthracene	26.23	278	3209	0.113	ng	# 54
39) Benzo(g,h,i)perylene	27.02	276	14152	0.485	ng	# 93

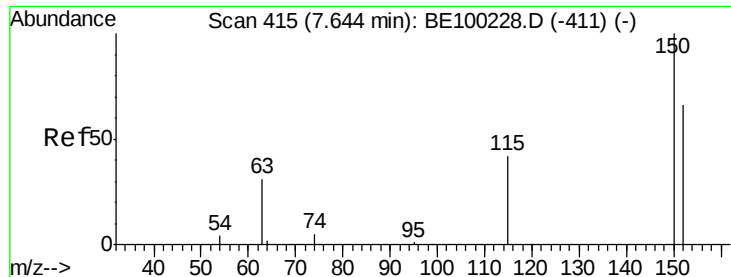
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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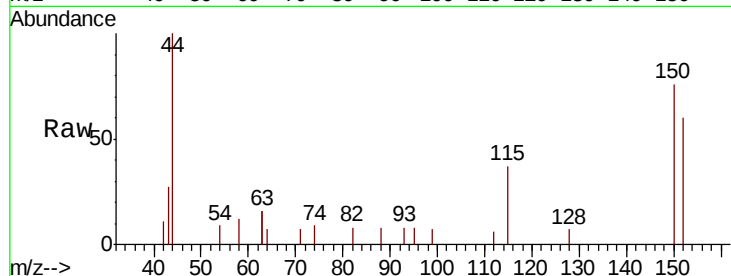


#1

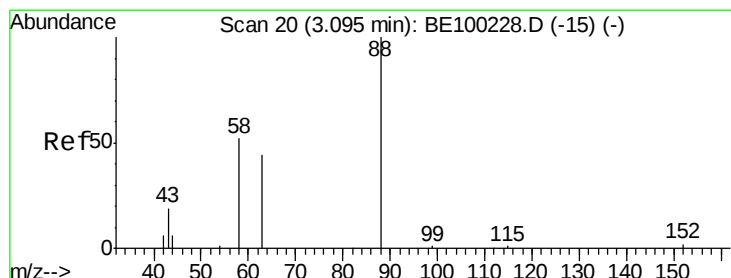
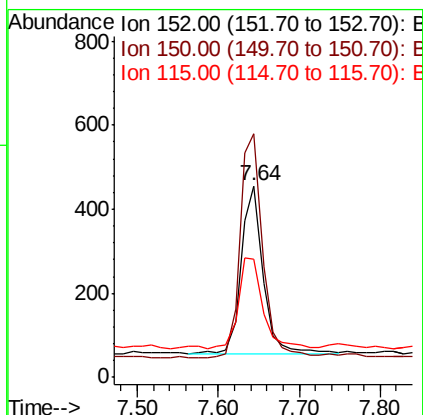
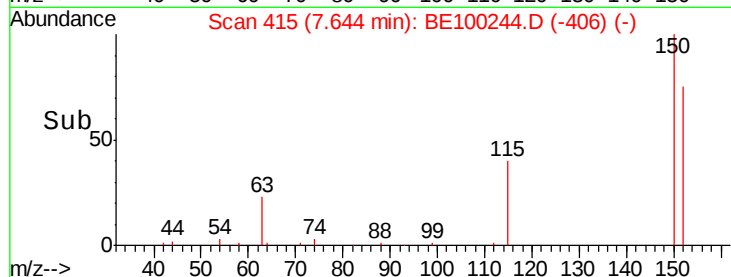
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100244.D
Acq: 28 Jun 2019 20:51

Instrument :
BNA_E
ClientSampleId :
PST-029-B052-061719

Tgt Ion: 152 Resp: 741
Ion Ratio Lower Upper
152 100
150 127.0 114.5 171.7
115 61.6 57.1 85.7



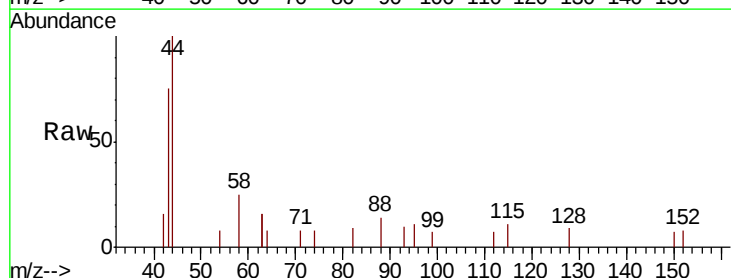
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



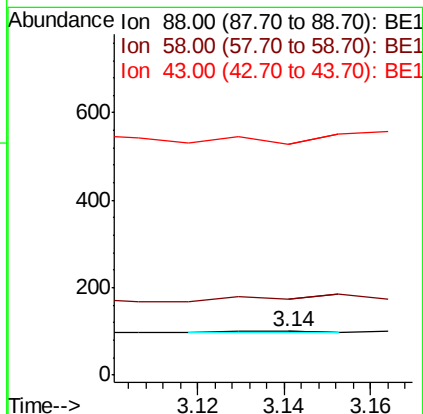
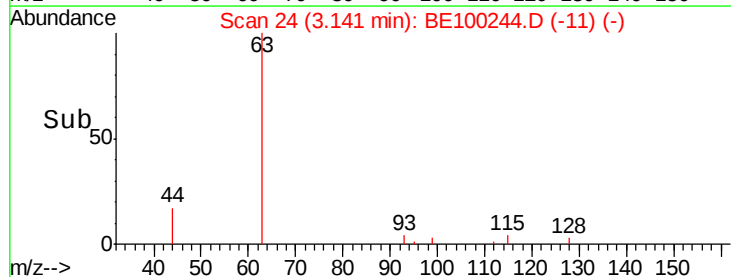
#2

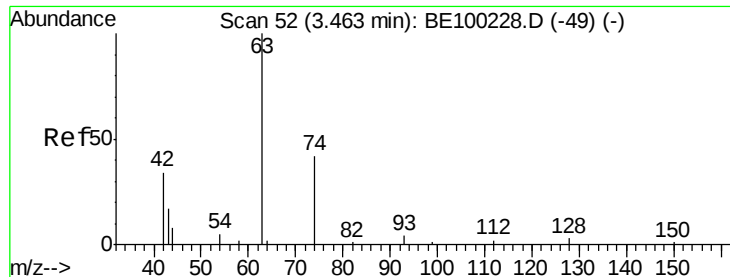
1,4-Dioxane
Concen: 0.003 ng
RT: 3.14 min Scan# 24
Delta R.T. 0.05 min
Lab File: BE100244.D
Acq: 28 Jun 2019 20:51

Tgt Ion: 88 Resp: 4
Ion Ratio Lower Upper
88 100
58 0.0 43.6 65.4#
43 0.0 21.4 32.0#



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: 0.035 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

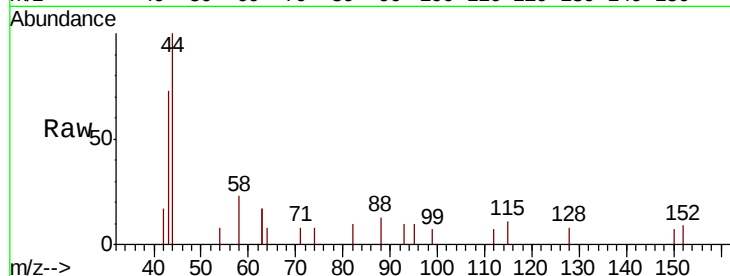
Tgt Ion: 42 Resp: 19

Ion Ratio Lower Upper

42 100

74 0.0 130.6 196.0#

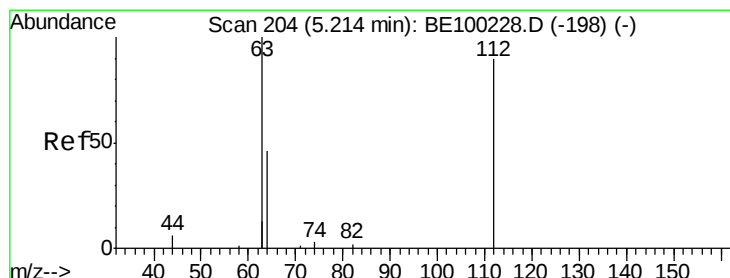
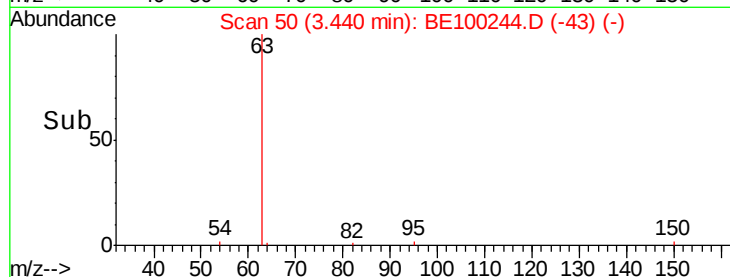
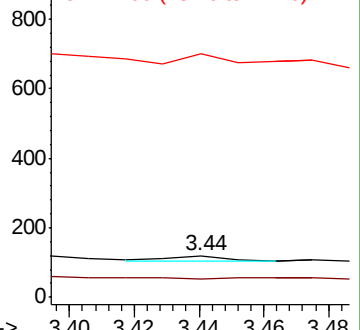
44 0.0 38.0 57.0#



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: 0.347 ng

RT: 5.21 min Scan# 204

Delta R.T. 0.00 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

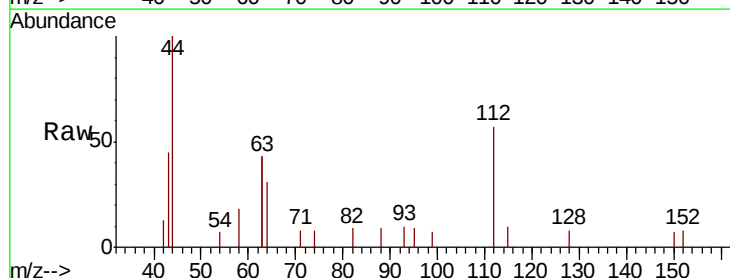
Tgt Ion: 112 Resp: 656

Ion Ratio Lower Upper

112 100

64 55.2 39.4 59.0

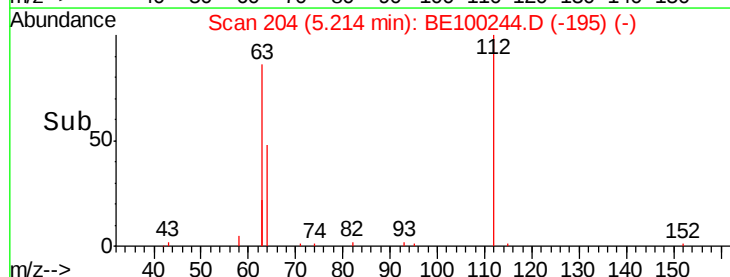
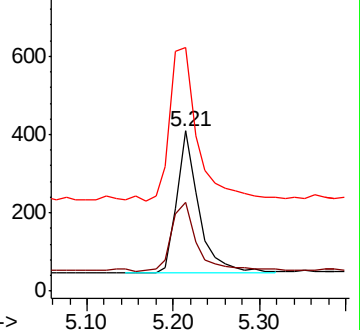
63 133.2 104.5 156.7

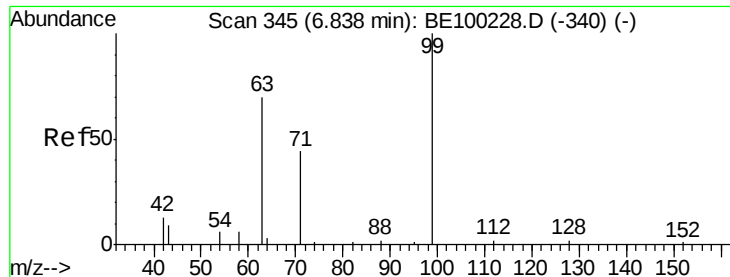


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.362 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

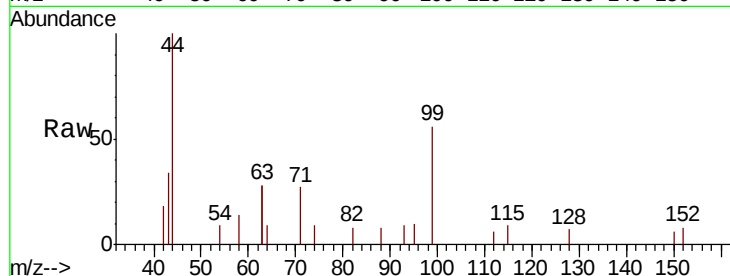
Tgt Ion: 99 Resp: 901

Ion Ratio Lower Upper

99 100

42 20.8 11.2 16.8#

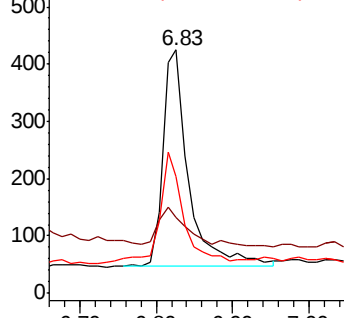
71 40.7 37.2 55.8



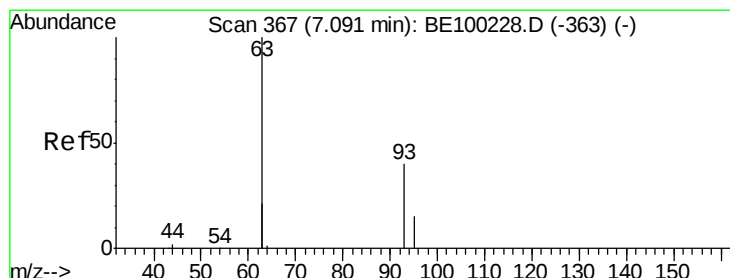
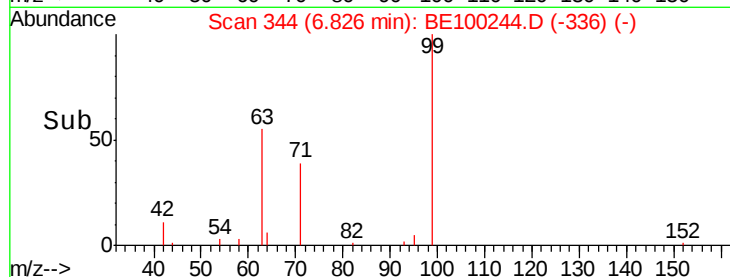
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.010 ng

RT: 7.07 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

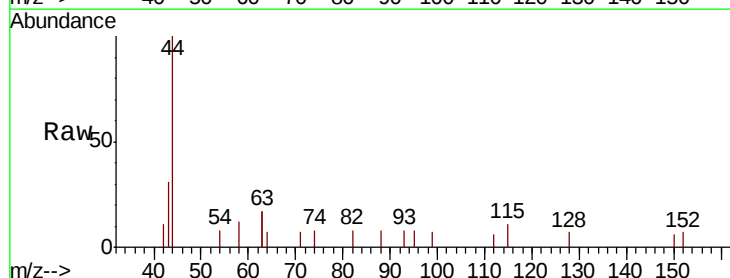
Tgt Ion: 93 Resp: 20

Ion Ratio Lower Upper

93 100

63 0.0 155.6 233.4#

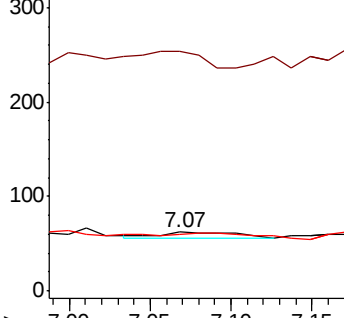
95 105.0 23.0 34.4#



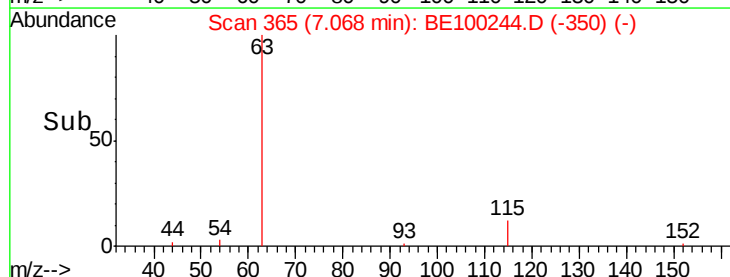
Abundance Ion 93.00 (92.70 to 93.70): BE1

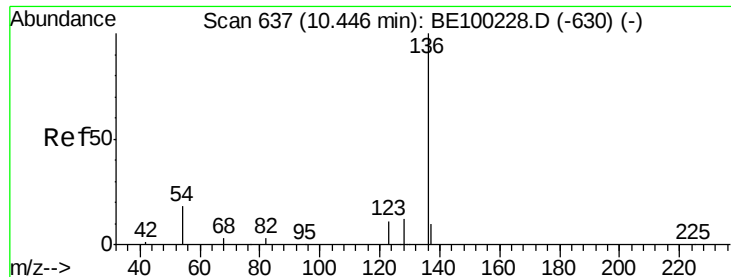
Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

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Tgt Ion: 136 Resp: 2628

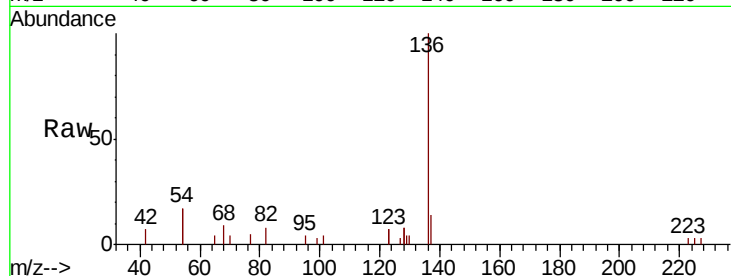
Ion Ratio Lower Upper

136 100

137 13.9 11.8 17.8

54 34.2 27.7 41.5

68 8.6 6.8 10.2

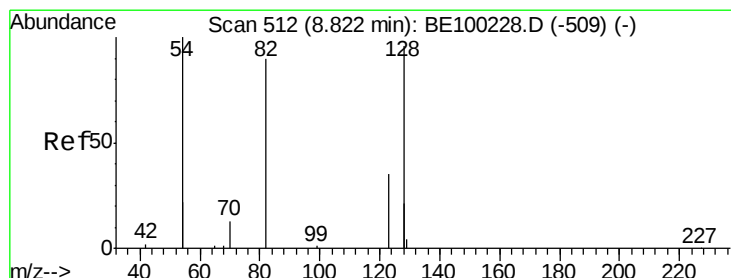
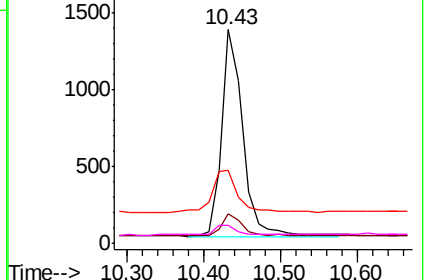
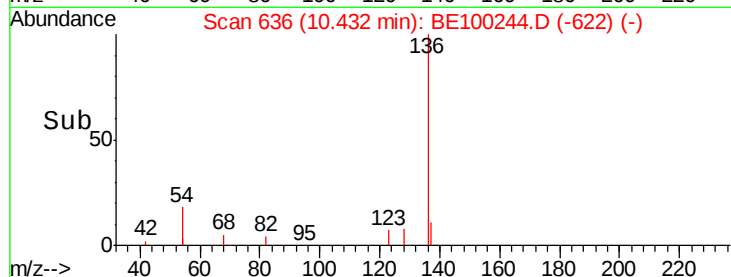


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.360 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

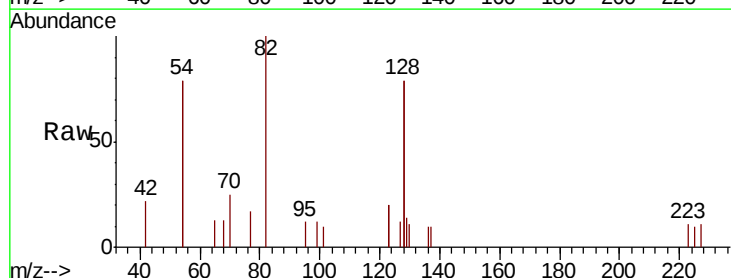
Tgt Ion: 82 Resp: 941

Ion Ratio Lower Upper

82 100

128 158.7 140.9 211.3

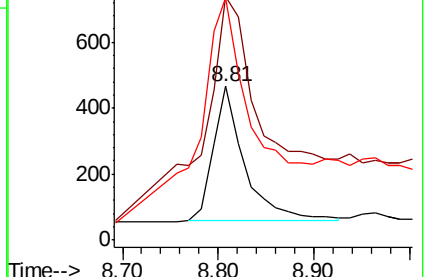
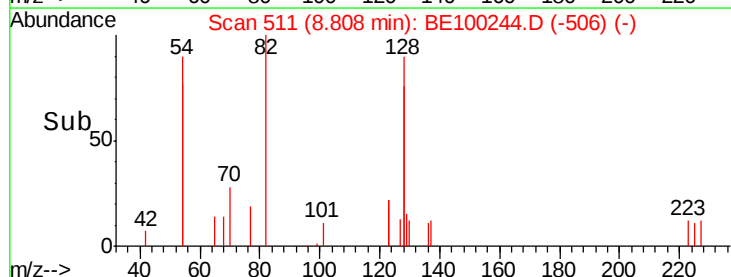
54 157.8 146.2 219.2

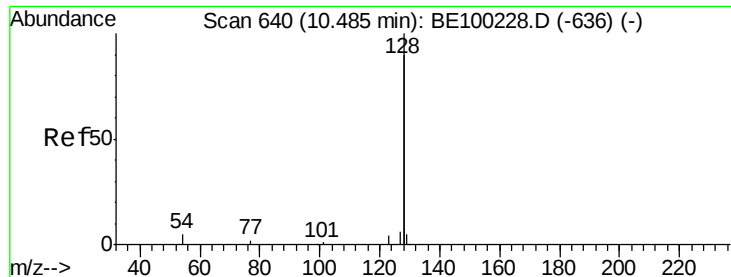


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.049 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

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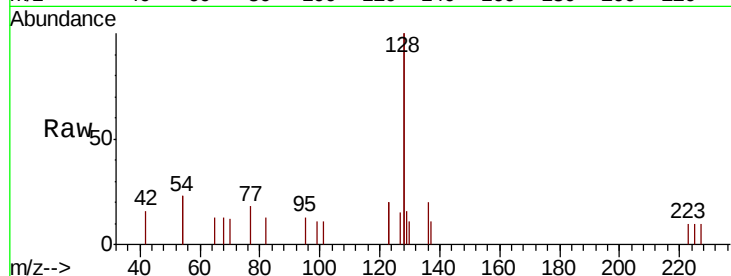
Tgt Ion:128 Resp: 1428

Ion Ratio Lower Upper

128 100

129 7.8 3.0 4.6#

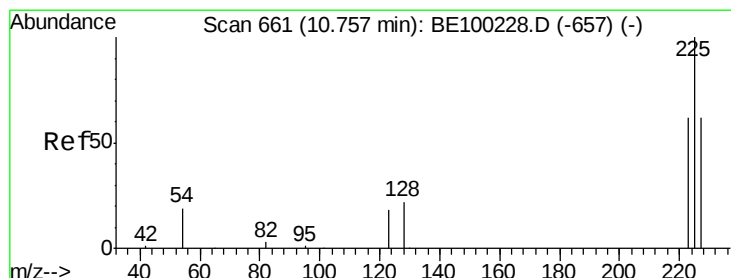
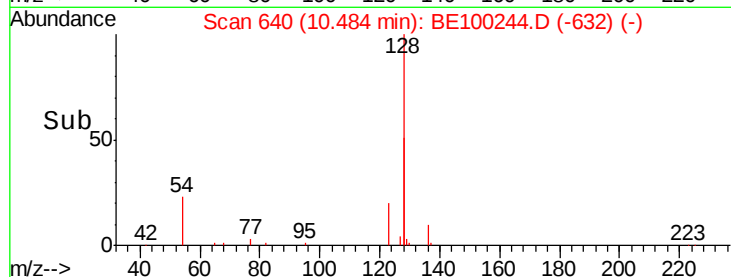
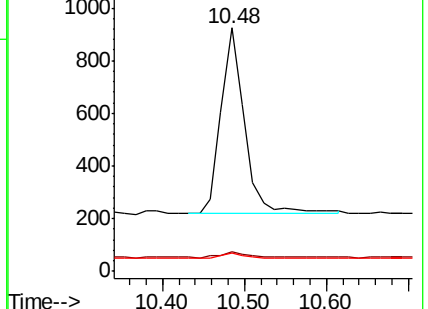
127 7.5 3.5 5.3#



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



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

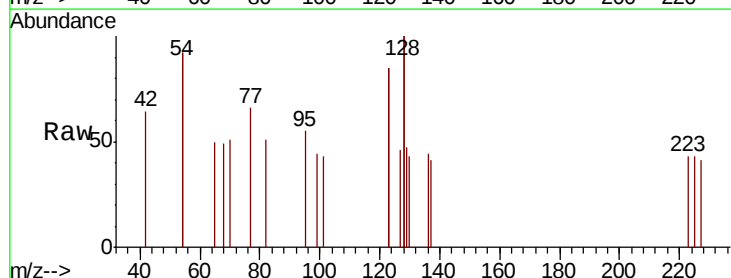
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 0.0 49.1 73.7#

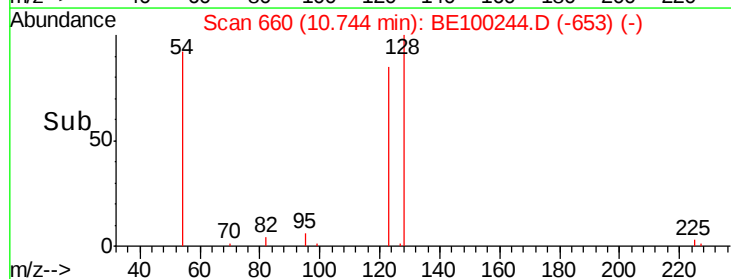
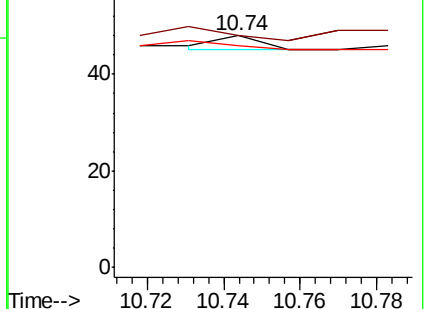
227 150.0 49.3 73.9#

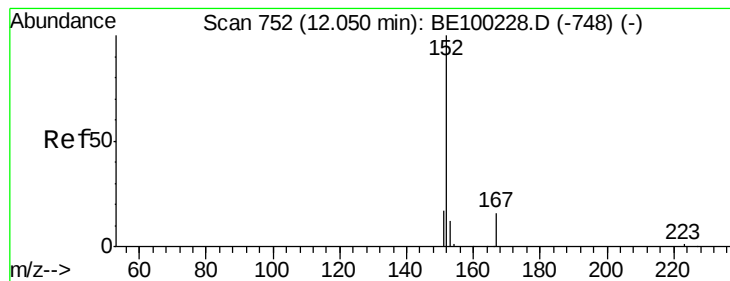


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

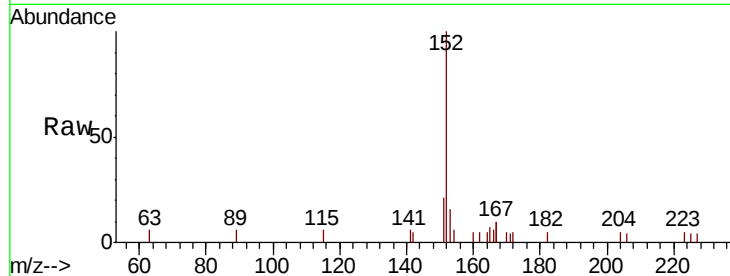
PST-029-B052-061719

Tgt Ion:152 Resp: 1959

Ion Ratio Lower Upper

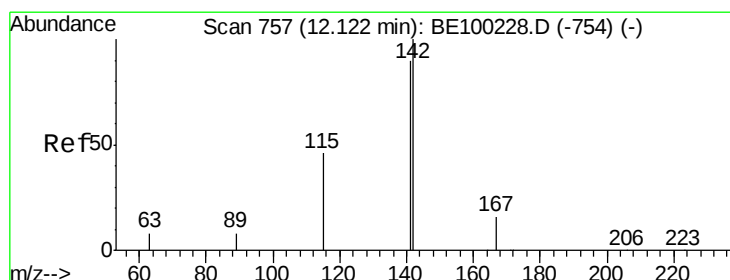
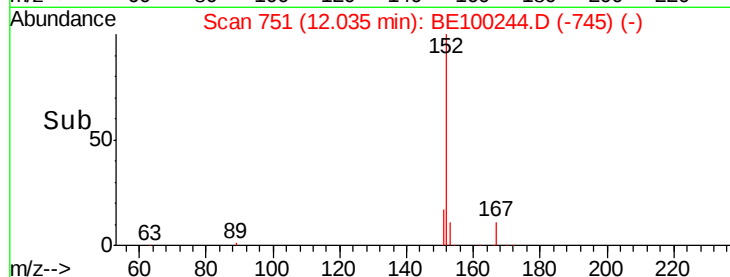
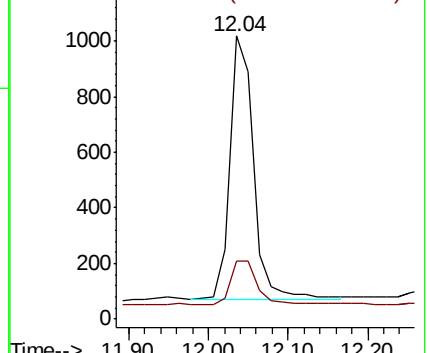
152 100

151 20.5 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: 0.054 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

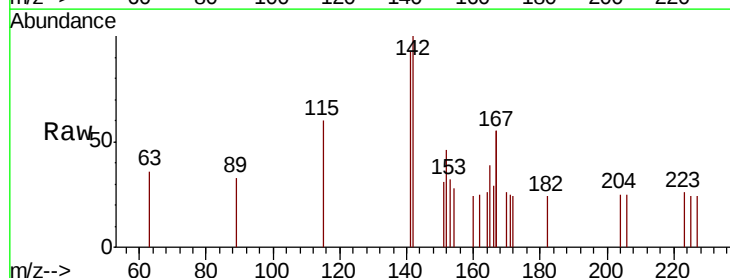
Tgt Ion:142 Resp: 275

Ion Ratio Lower Upper

142 100

141 92.6 72.4 108.6

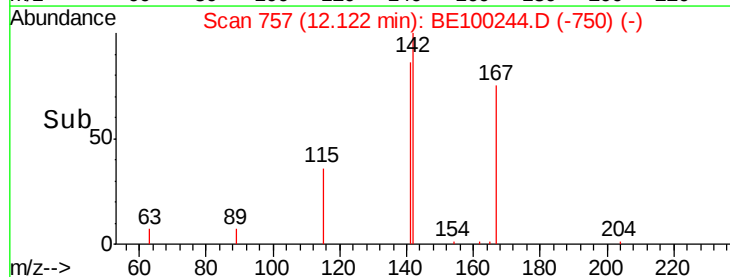
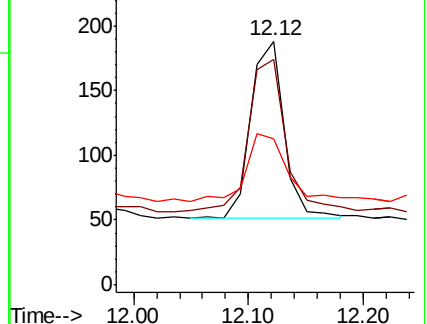
115 60.1 40.4 60.6

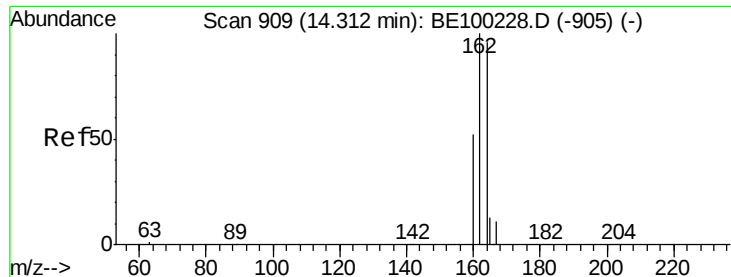


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

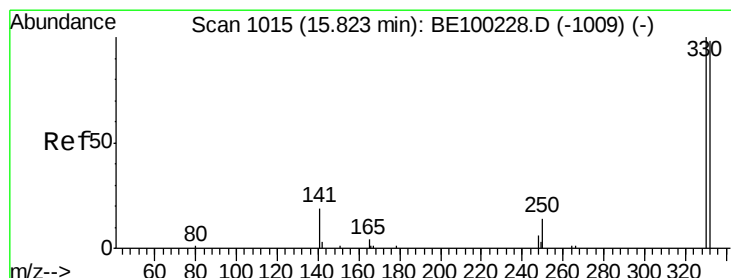
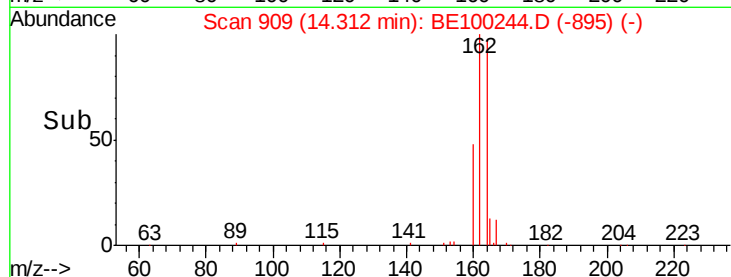
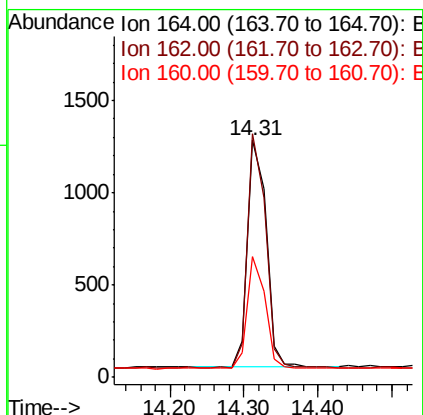
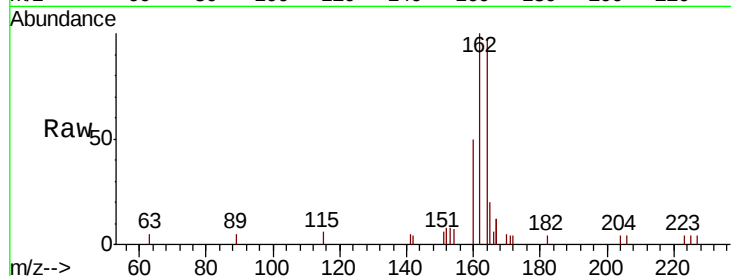




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100244.D
Acq: 28 Jun 2019 20:51

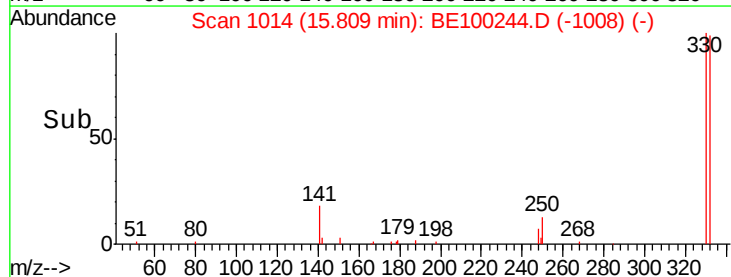
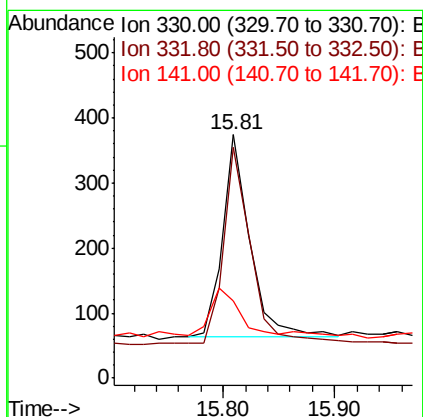
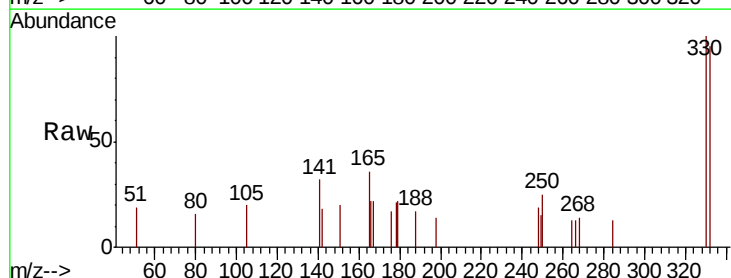
Instrument :
BNA_E
ClientSampleId :
PST-029-B052-061719

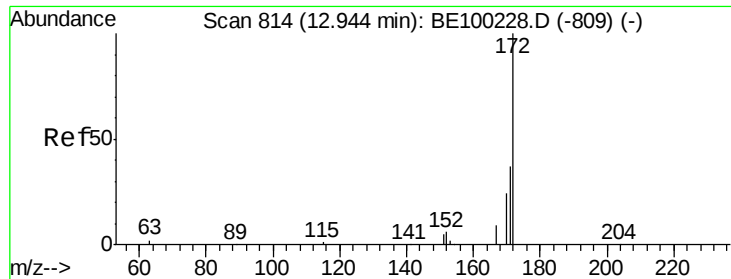
Tgt Ion:164 Resp: 2151
Ion Ratio Lower Upper
164 100
162 102.7 83.4 125.0
160 50.9 45.0 67.6



#14
2,4,6-Tribromophenol
Concen: 0.356 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100244.D
Acq: 28 Jun 2019 20:51

Tgt Ion:330 Resp: 536
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 23.7 22.0 33.0

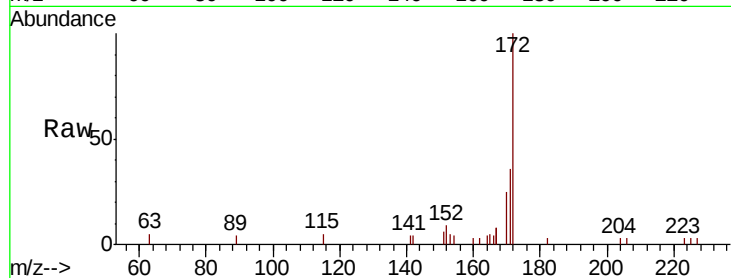




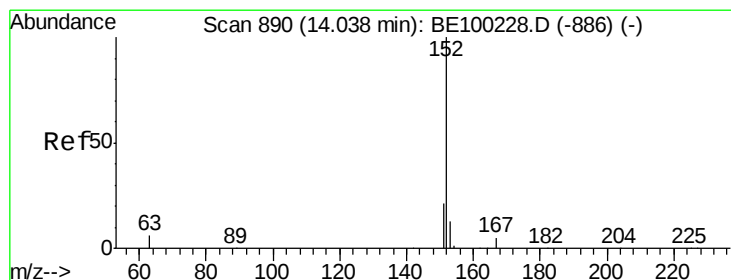
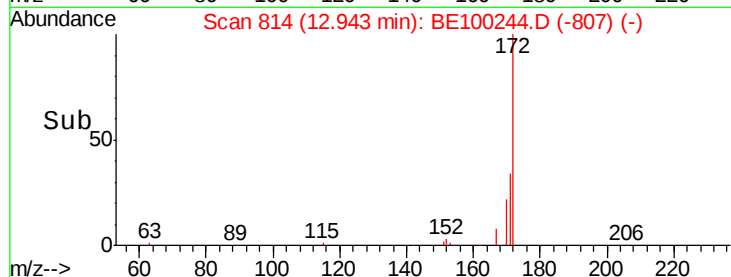
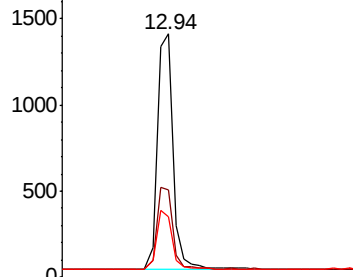
#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100244.D
Acq: 28 Jun 2019 20:51

Instrument :
BNA_E
ClientSampleId :
PST-029-B052-061719

Tgt Ion:172 Resp: 2789
Ion Ratio Lower Upper
172 100
171 35.8 31.9 47.9
170 24.6 22.2 33.2

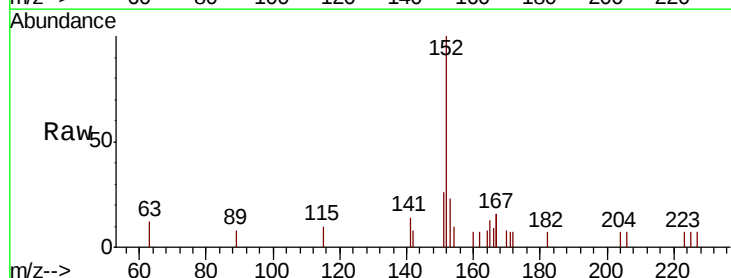


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

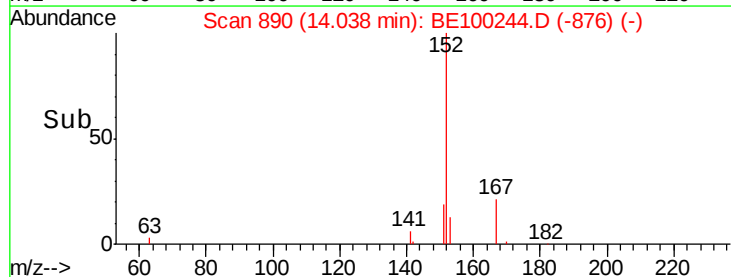
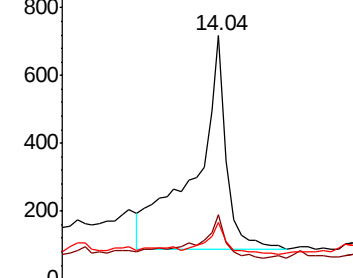


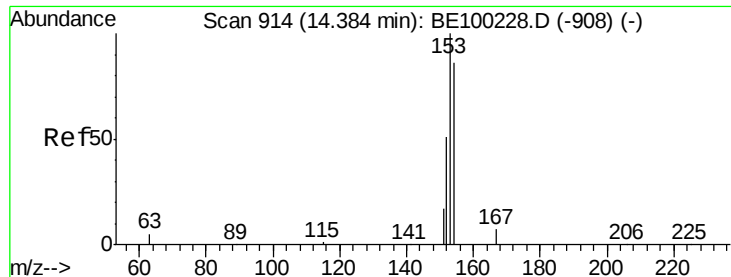
#16
Acenaphthylene
Concen: 0.256 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100244.D
Acq: 28 Jun 2019 20:51

Tgt Ion:152 Resp: 2645
Ion Ratio Lower Upper
152 100
151 19.2 16.6 25.0
153 9.4 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: 0.068 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

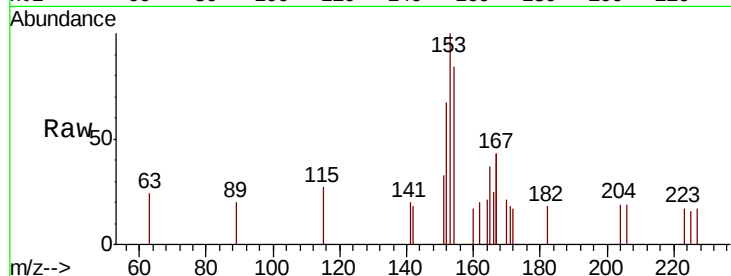
Tgt Ion:154 Resp: 398

Ion Ratio Lower Upper

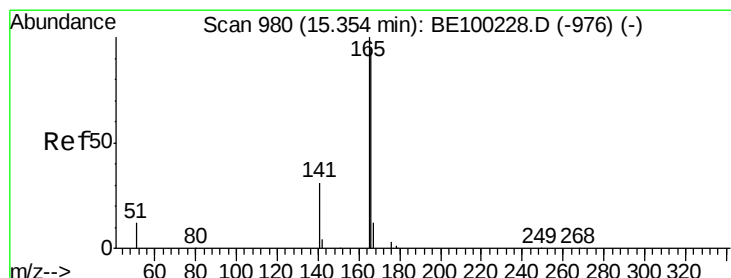
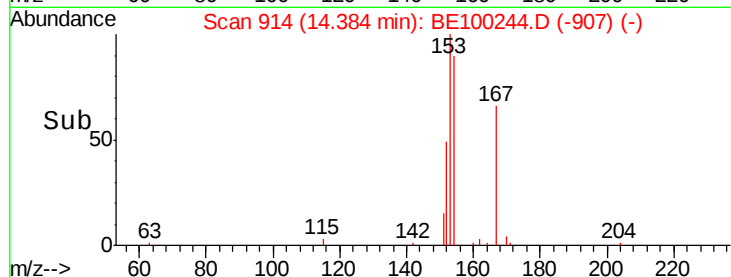
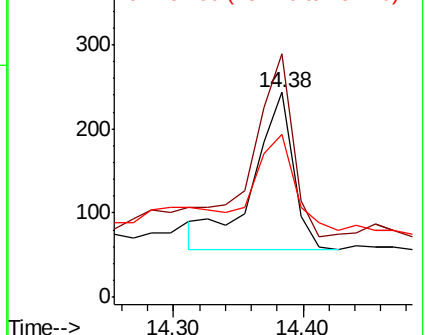
154 100

153 107.0 93.4 140.2

152 60.1 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: 0.077 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

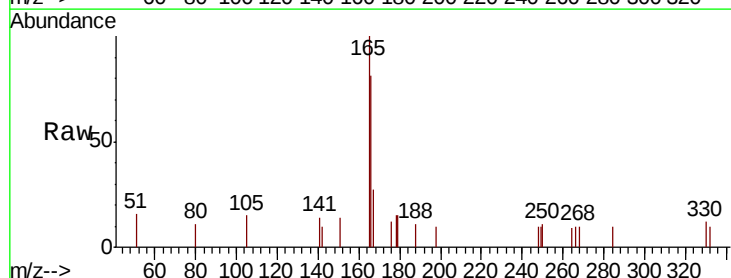
Tgt Ion:166 Resp: 666

Ion Ratio Lower Upper

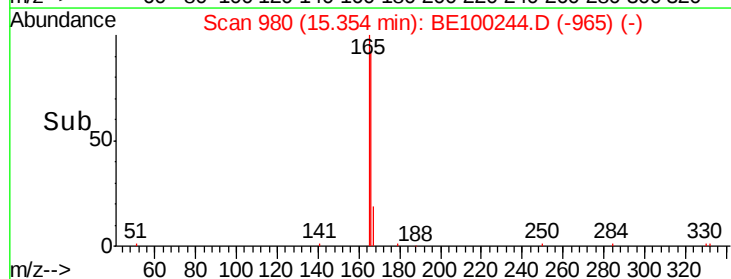
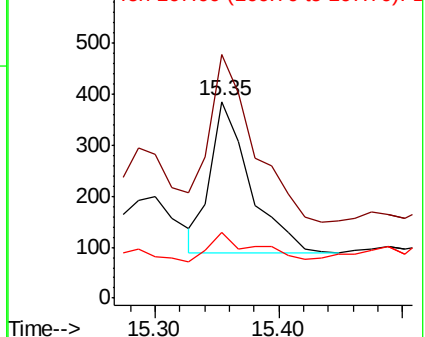
166 100

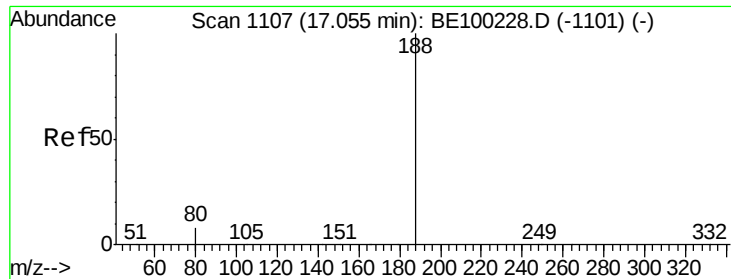
165 121.0 81.1 121.7

167 21.8 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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

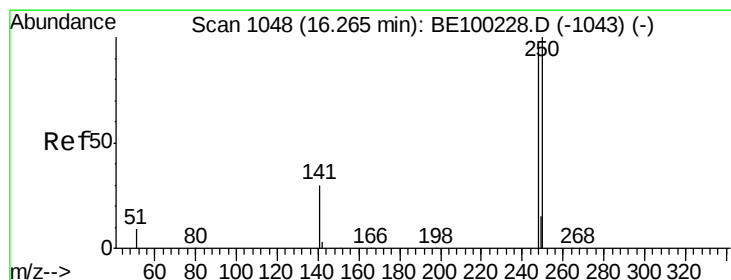
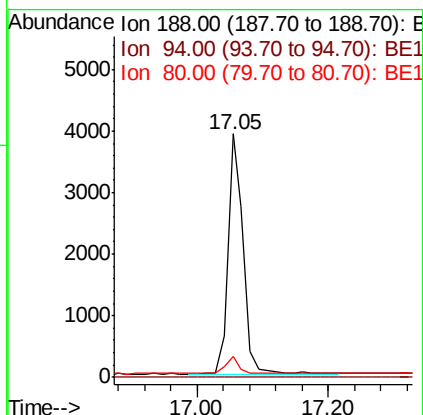
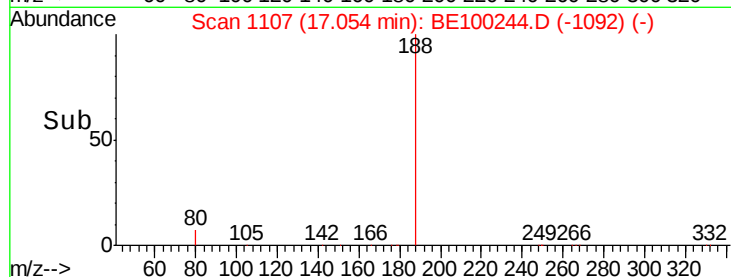
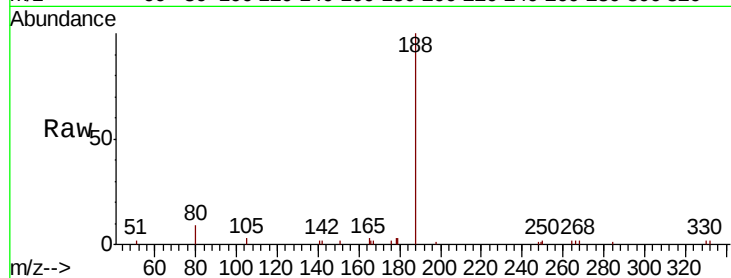
Tgt Ion:188 Resp: 6361

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 7.6 11.4



#20

4-Bromophenyl-phenylether

Concen: 0.007 ng

RT: 16.29 min Scan# 1050

Delta R.T. 0.03 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

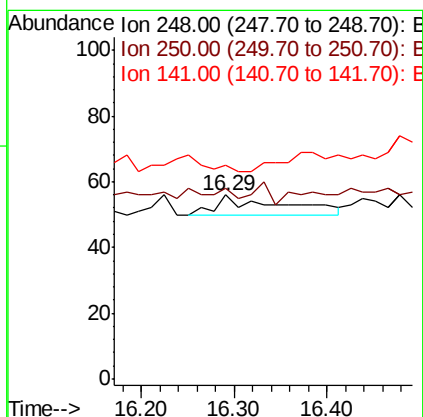
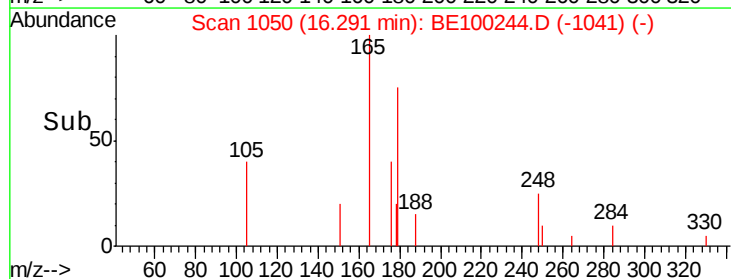
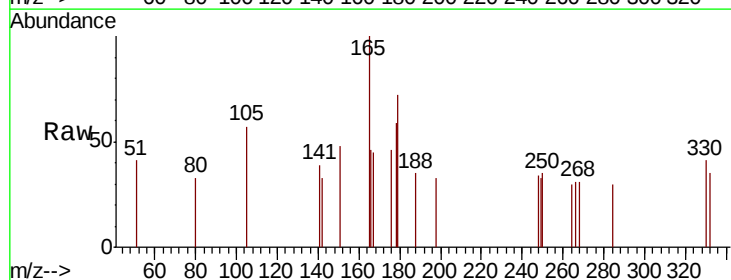
Tgt Ion:248 Resp: 28

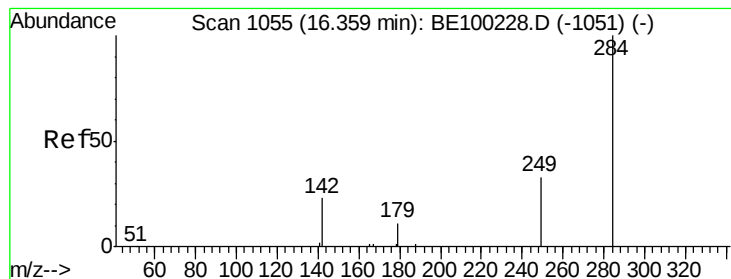
Ion Ratio Lower Upper

248 100

250 103.6 84.2 126.4

141 116.1 29.3 43.9#





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

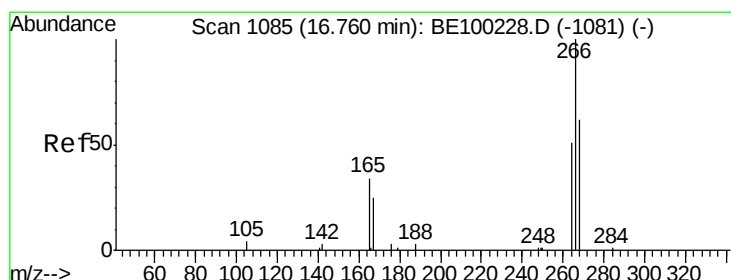
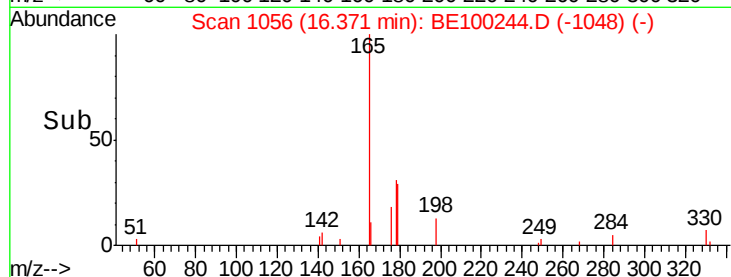
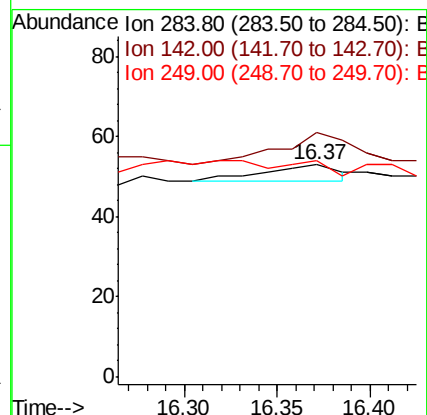
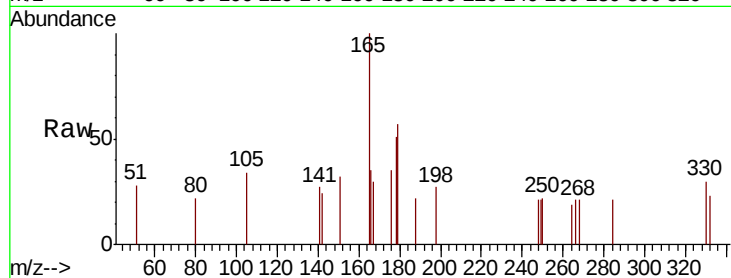
Tgt Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 220.0 18.8 28.2#

249 0.0 23.7 35.5#



#22

Pentachlorophenol

Concen: 0.021 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

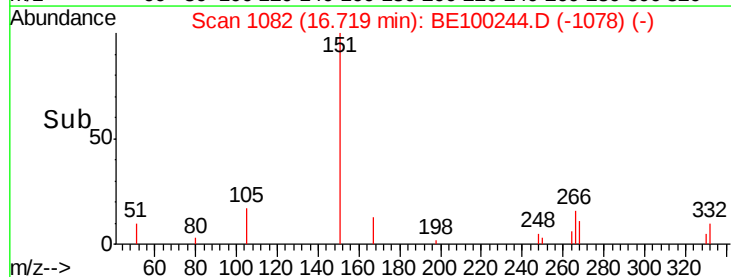
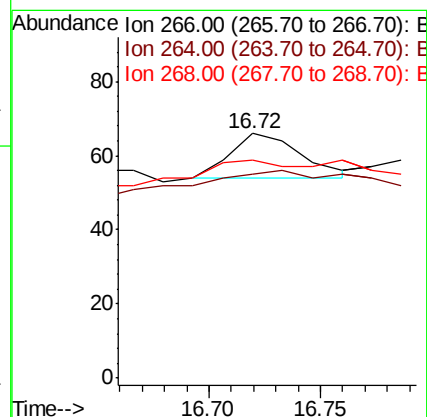
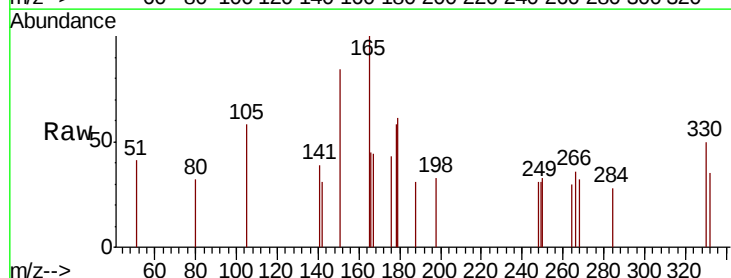
Tgt Ion:266 Resp: 27

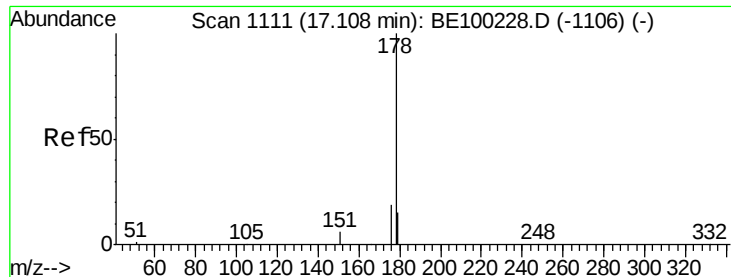
Ion Ratio Lower Upper

266 100

264 83.3 56.2 84.2

268 89.4 61.8 92.6





#23

Phenanthrene

Concen: 0.705 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

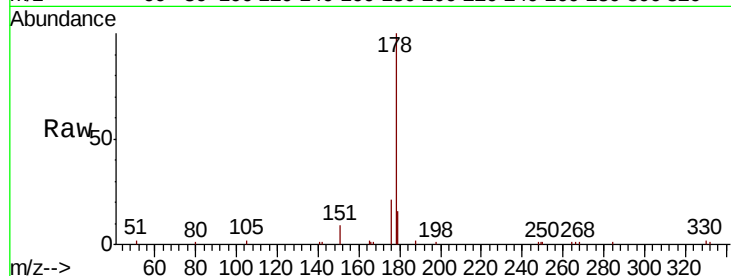
Tgt Ion:178 Resp: 10864

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

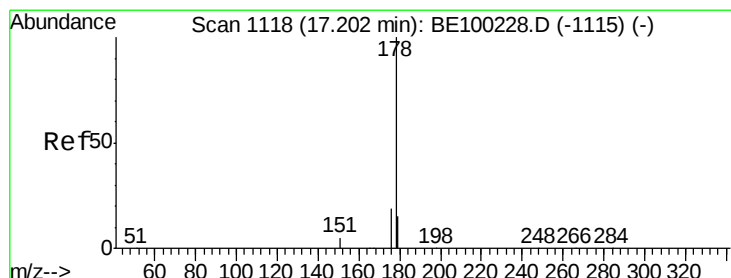
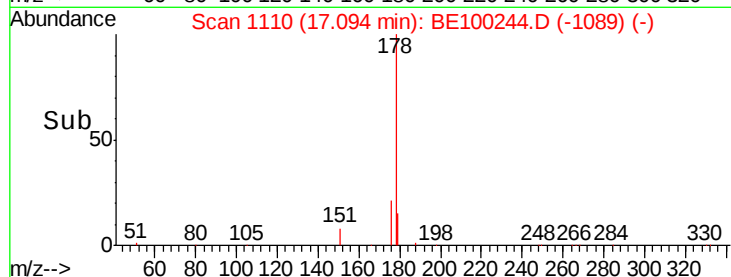
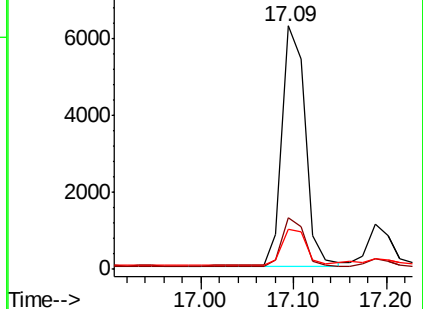
179 15.7 12.2 18.2



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: 0.137 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

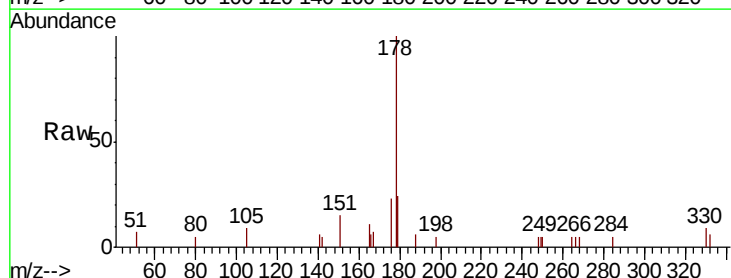
Tgt Ion:178 Resp: 1896

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

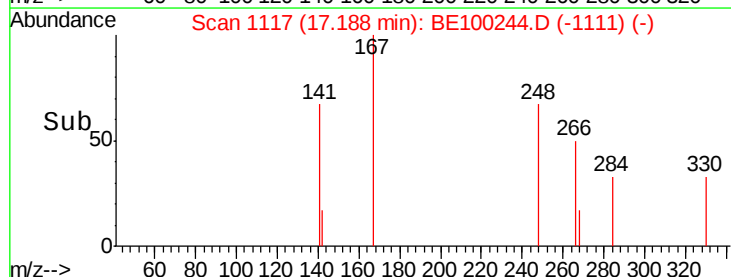
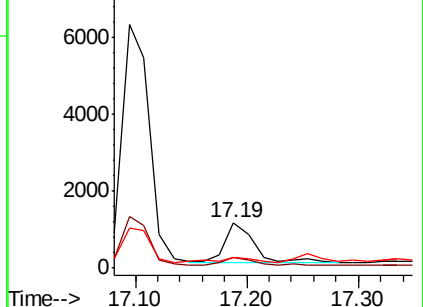
179 14.6 12.2 18.2

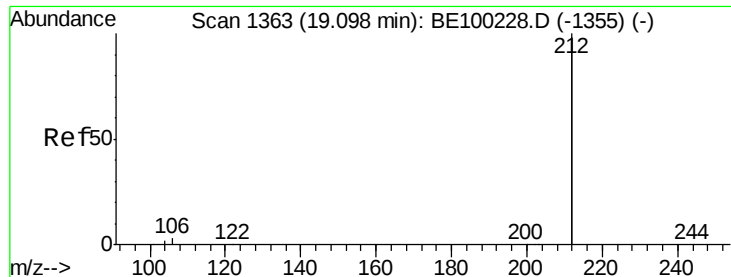


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

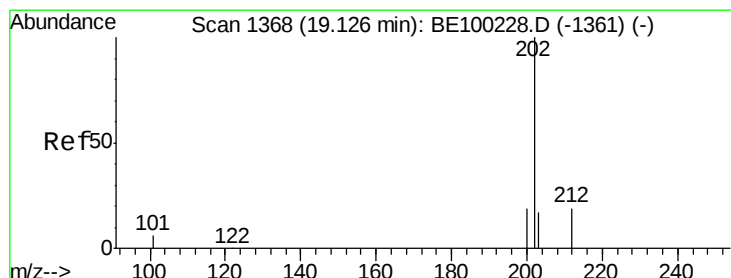
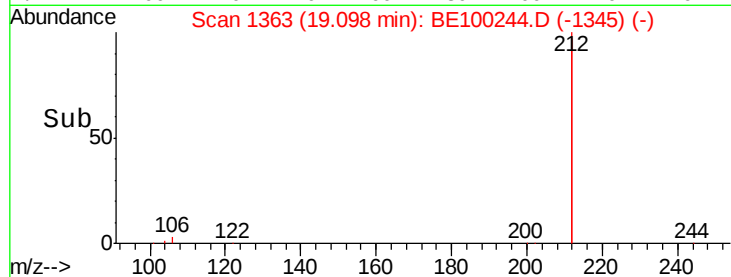
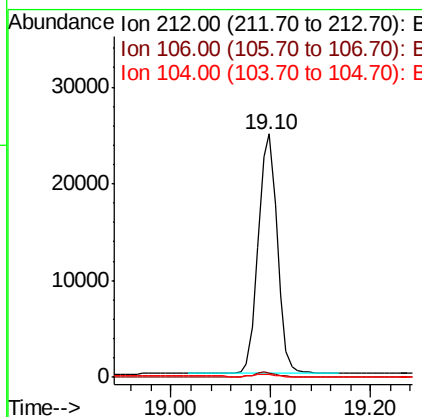
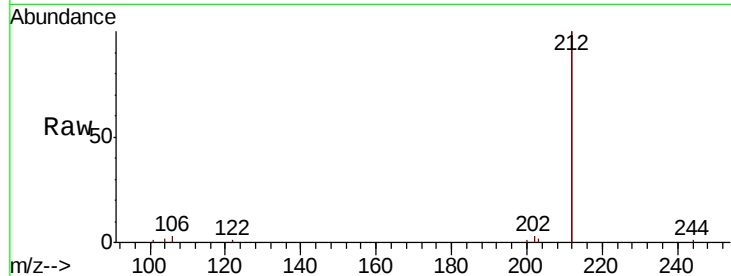




#25
 Fluoranthene-d10
 Concen: 0.360 ng
 RT: 19.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BE100244.D
 Acq: 28 Jun 2019 20:51

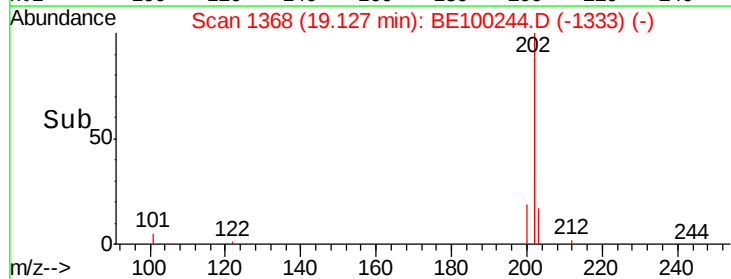
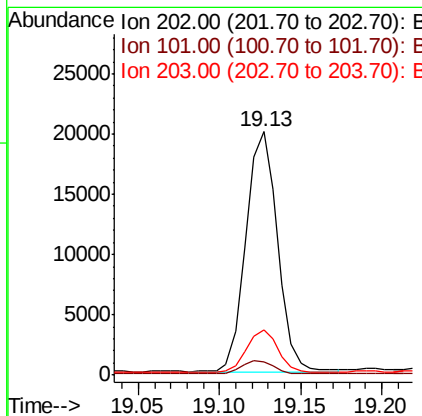
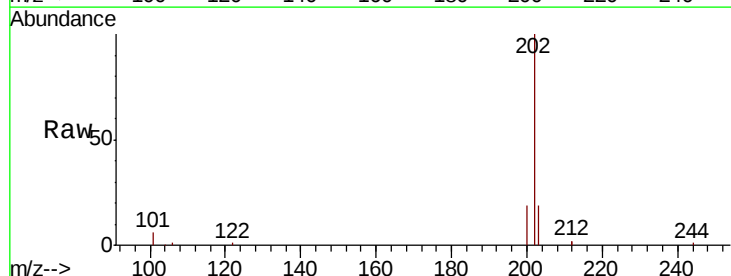
Instrument :
 BNA_E
 ClientSampleId :
 PST-029-B052-061719

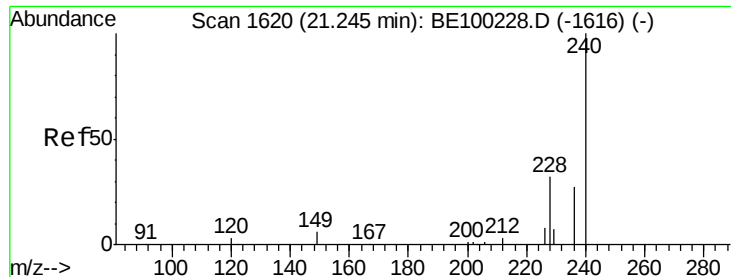
Tgt Ion: 212 Resp: 33230
 Ion Ratio Lower Upper
 212 100
 106 1.7 1.3 1.9
 104 1.0 0.8 1.2



#26
 Fluoranthene
 Concen: 1.097 ng
 RT: 19.13 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE100244.D
 Acq: 28 Jun 2019 20:51

Tgt Ion: 202 Resp: 26928
 Ion Ratio Lower Upper
 202 100
 101 6.0 4.6 7.0
 203 17.6 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

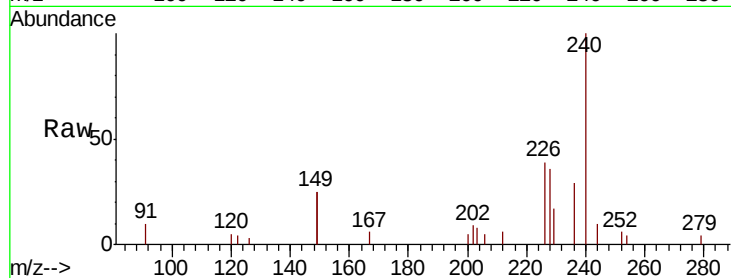
Tgt Ion:240 Resp: 8573

Ion Ratio Lower Upper

240 100

120 5.5 3.3 4.9#

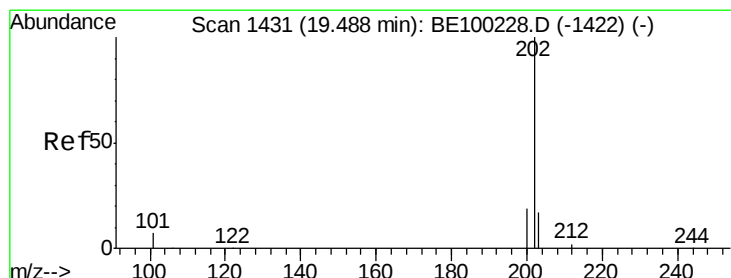
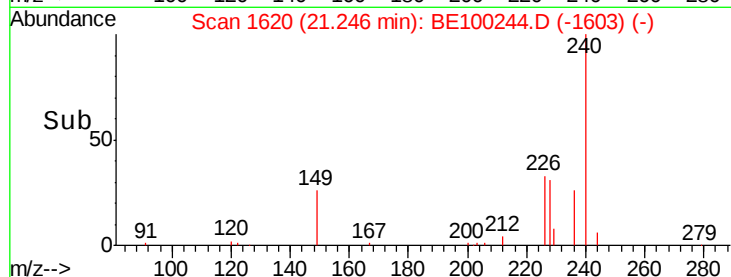
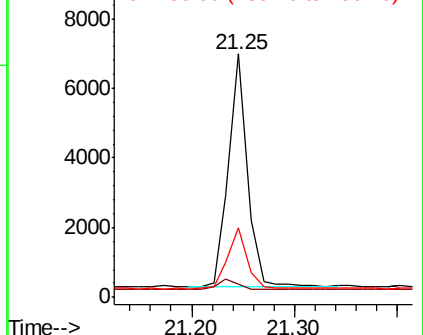
236 28.6 22.6 34.0



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: 1.214 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

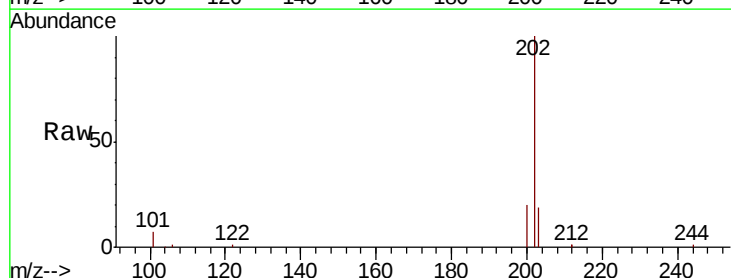
Tgt Ion:202 Resp: 27548

Ion Ratio Lower Upper

202 100

200 19.7 15.6 23.4

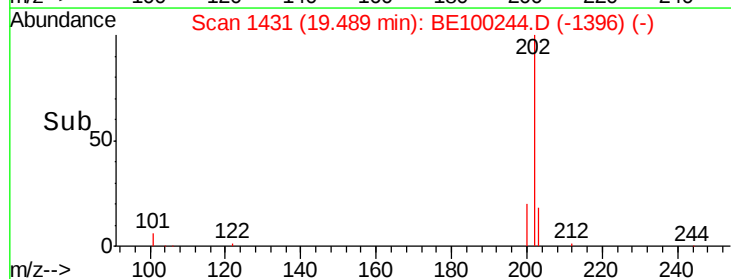
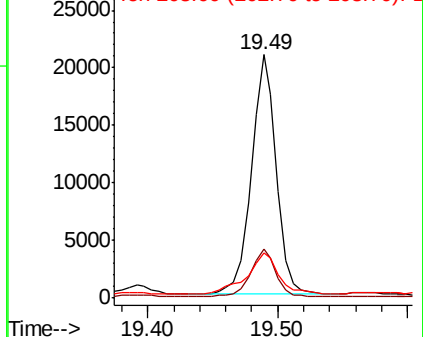
203 22.9 14.0 21.0#

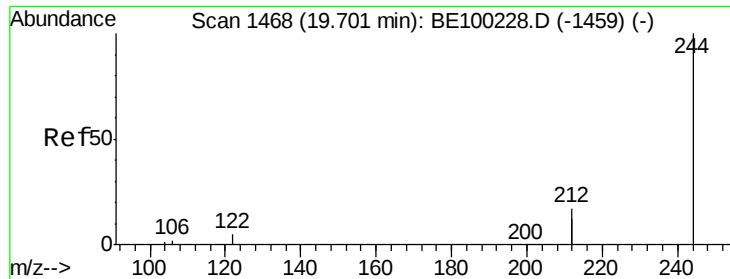


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.312 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

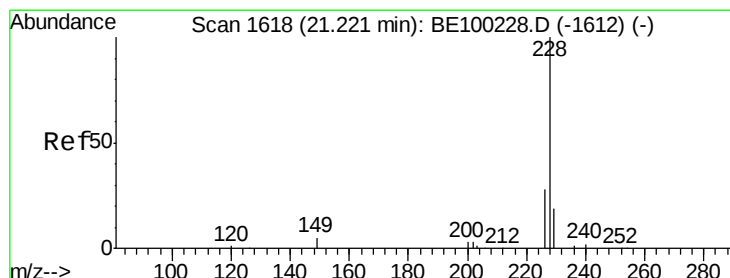
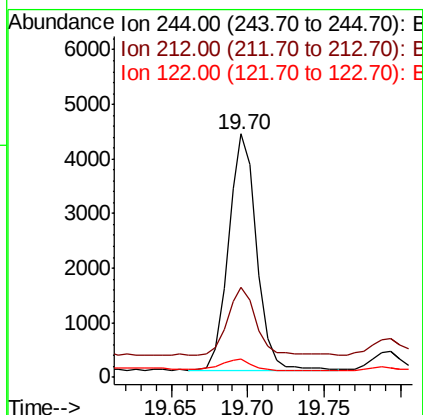
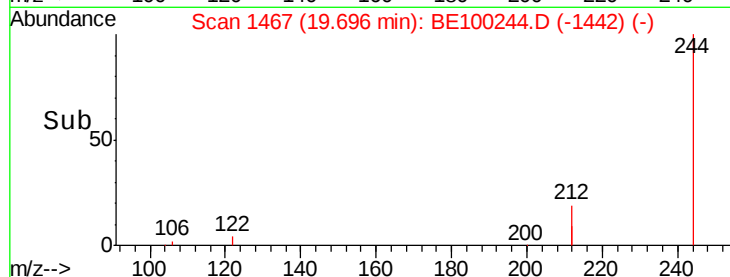
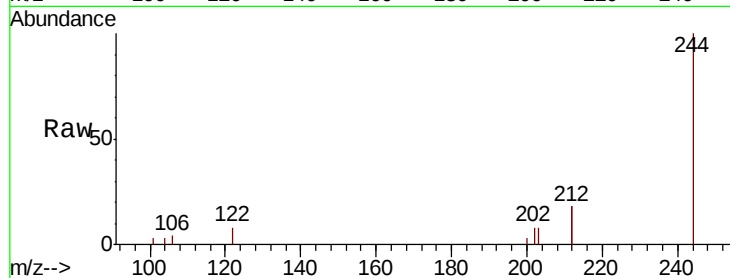
Tgt Ion:244 Resp: 5547

Ion Ratio Lower Upper

244 100

212 36.9 27.3 40.9

122 7.6 4.7 7.1#



#30

Benzo(a)anthracene

Concen: 0.551 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

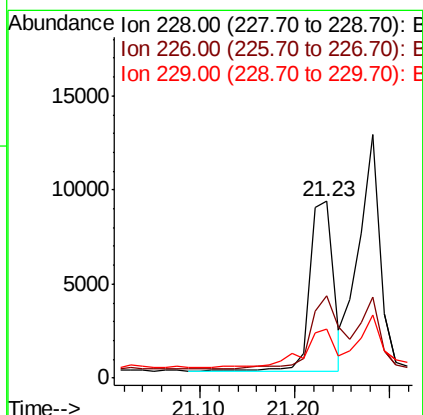
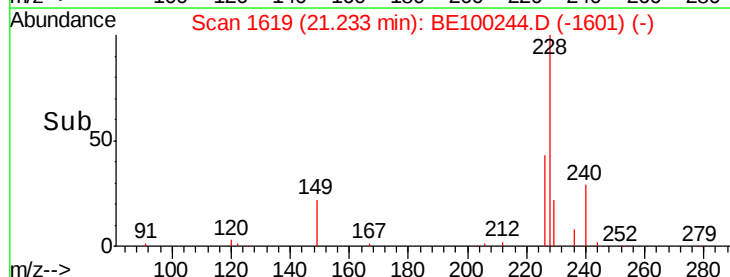
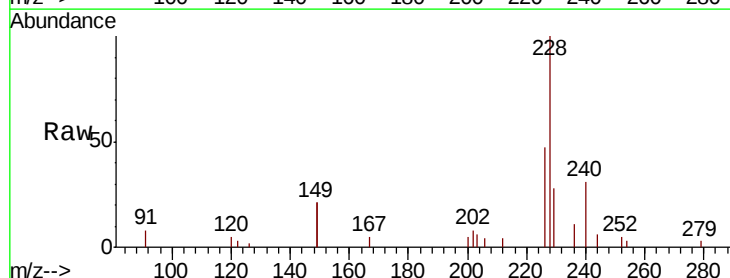
Tgt Ion:228 Resp: 15526

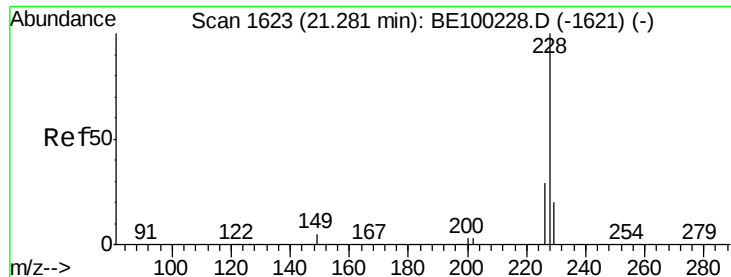
Ion Ratio Lower Upper

228 100

226 46.9 23.2 34.8#

229 27.7 15.7 23.5#





#31

Chrysene

Concen: 0.678 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

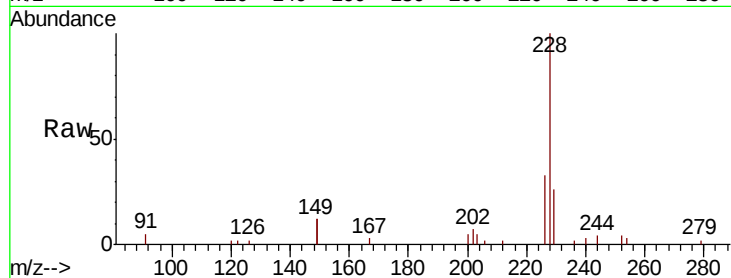
Tgt Ion:228 Resp: 19196

Ion Ratio Lower Upper

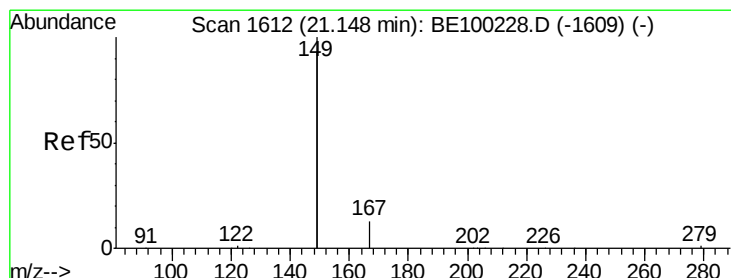
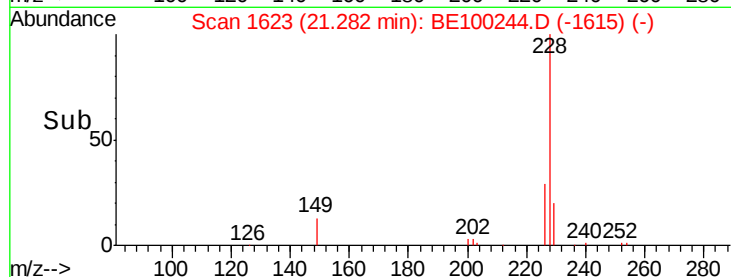
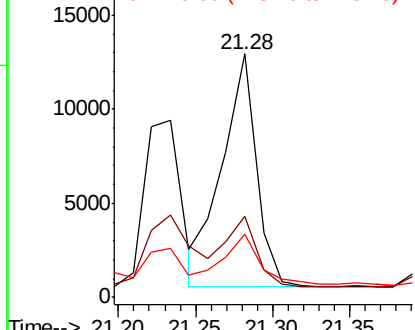
228 100

226 33.2 23.9 35.9

229 25.7 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: 1.356 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

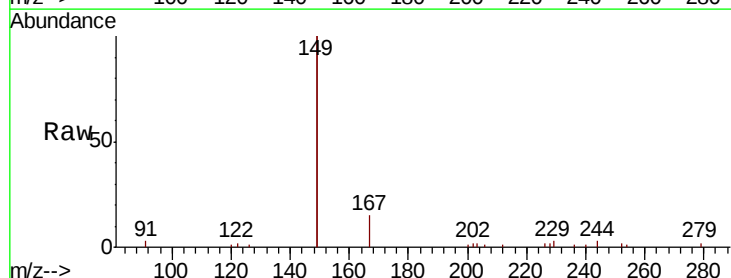
Tgt Ion:149 Resp: 56328

Ion Ratio Lower Upper

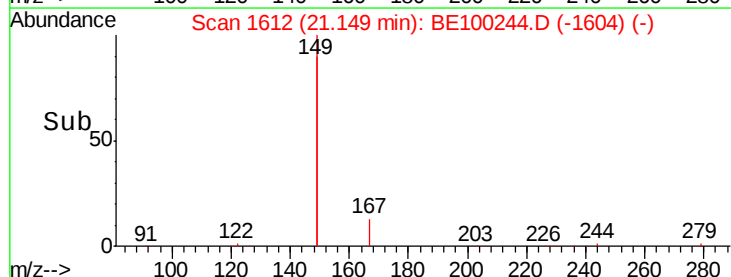
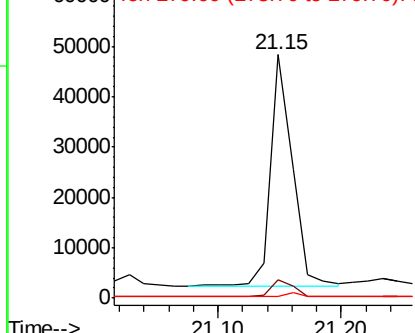
149 100

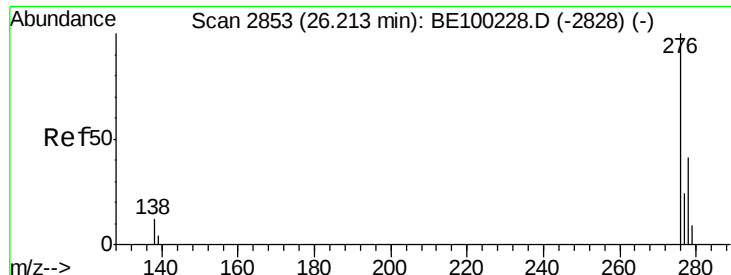
167 7.2 5.8 8.8

279 1.6 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: 0.341 ng

RT: 26.22 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

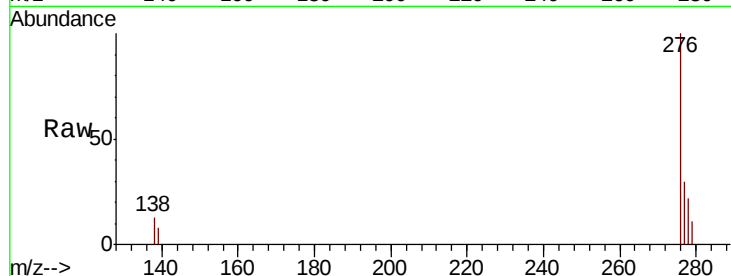
Tgt Ion: 276 Resp: 12780

Ion Ratio Lower Upper

276 100

138 10.0 9.4 14.0

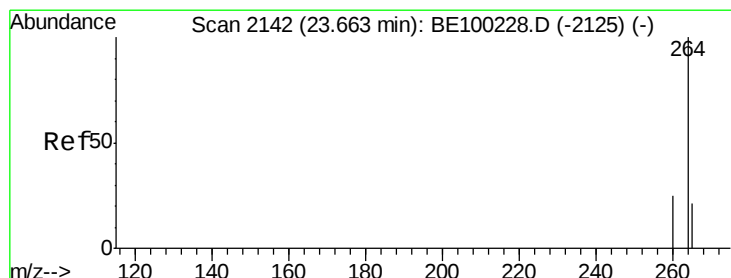
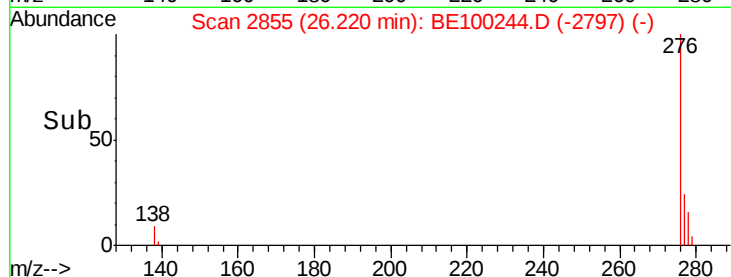
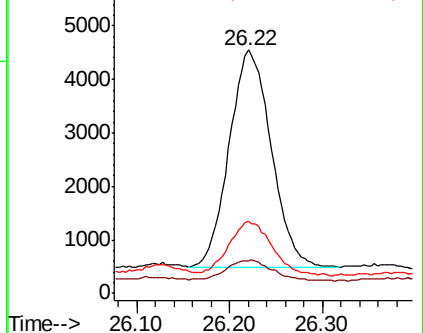
277 24.6 19.2 28.8



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: 23.67 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

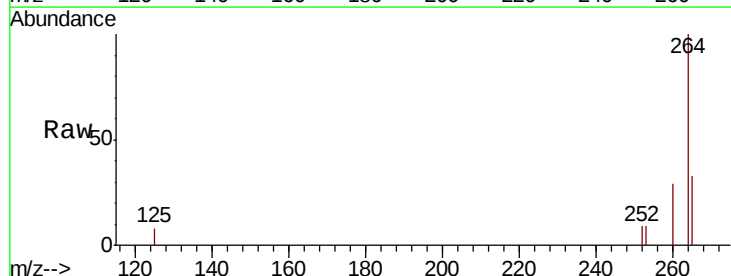
Tgt Ion: 264 Resp: 10005

Ion Ratio Lower Upper

264 100

260 28.6 20.8 31.2

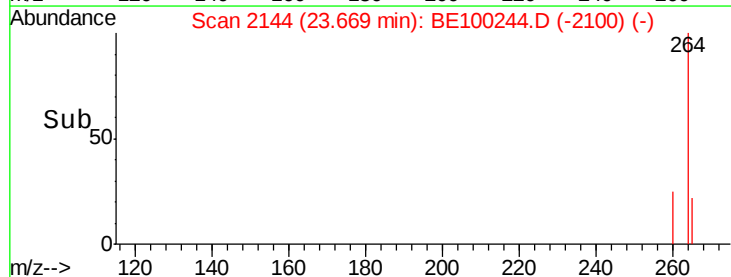
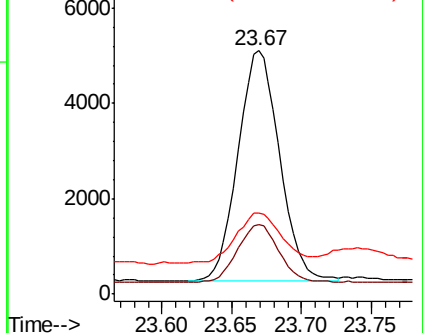
265 33.2 21.8 32.6#

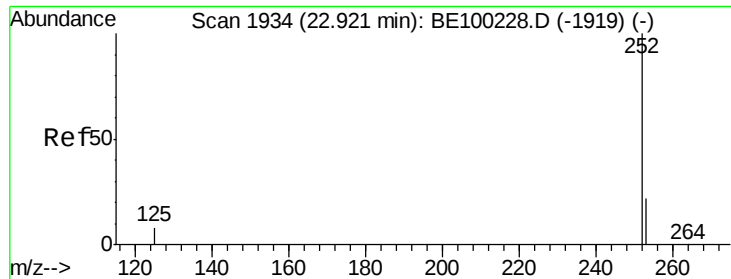


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.866 ng

RT: 22.93 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

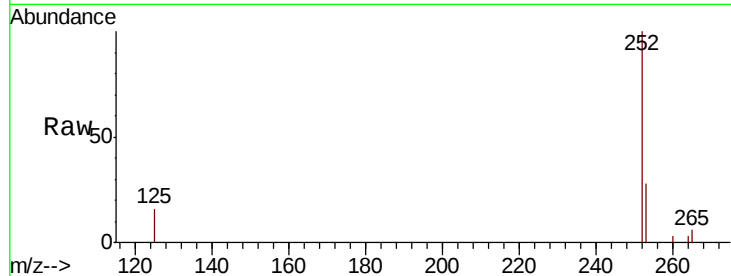
Tgt Ion:252 Resp: 23489

Ion Ratio Lower Upper

252 100

253 27.8 19.2 28.8

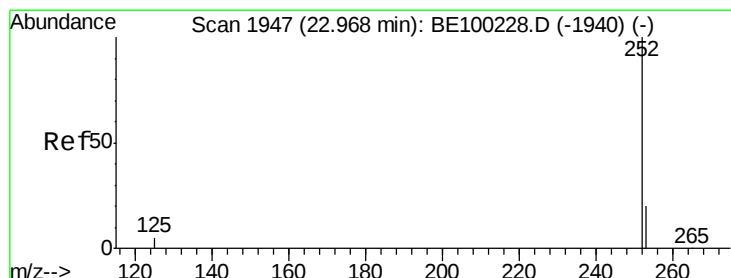
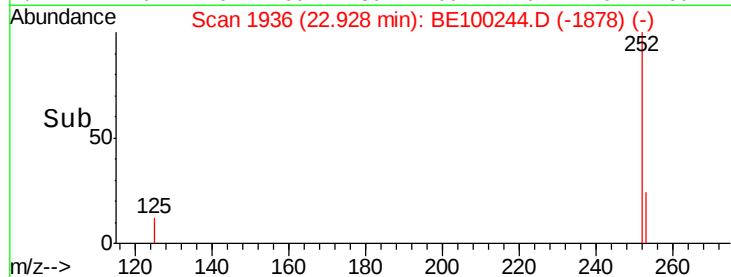
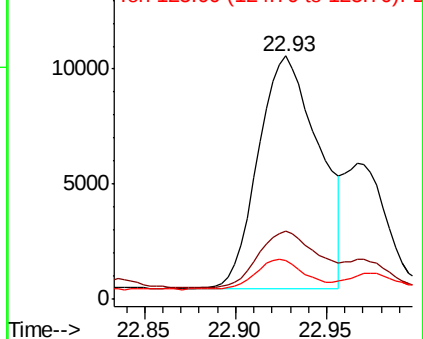
125 16.0 7.4 11.0#



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: 0.776 ng

RT: 22.93 min Scan# 1936

Delta R.T. -0.04 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

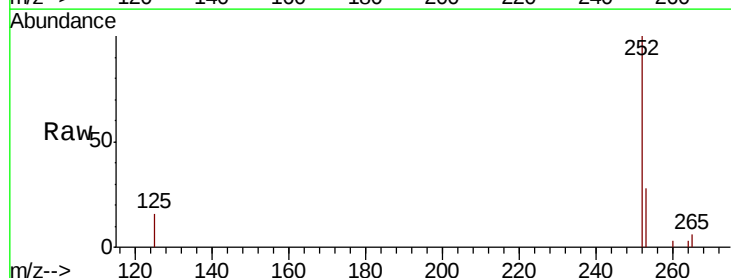
Tgt Ion:252 Resp: 23489

Ion Ratio Lower Upper

252 100

253 27.8 17.9 26.9#

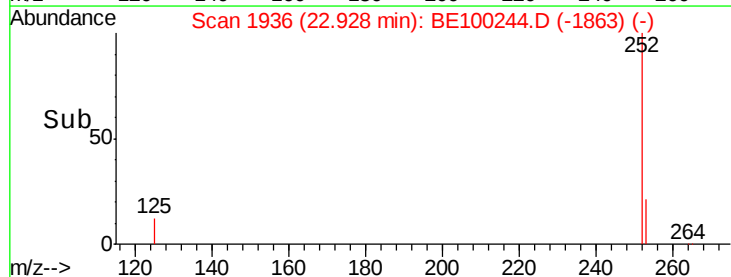
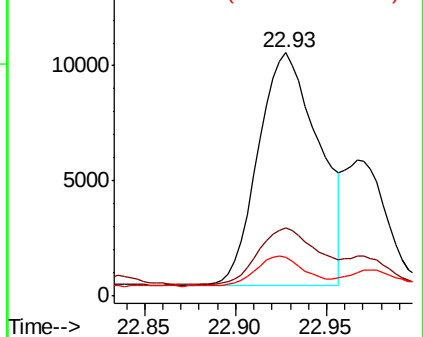
125 16.0 5.0 7.4#

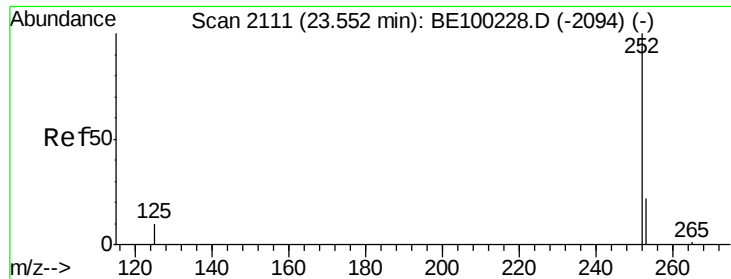


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.471 ng

RT: 23.45 min Scan# 2083

Delta R.T. -0.10 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719

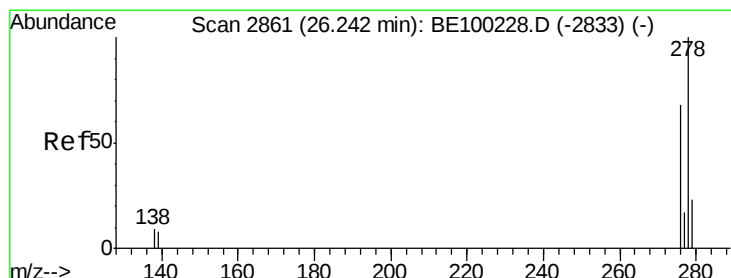
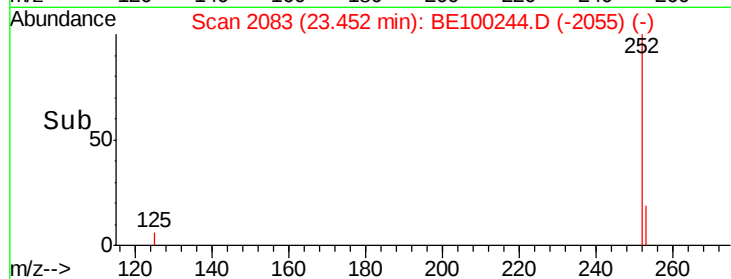
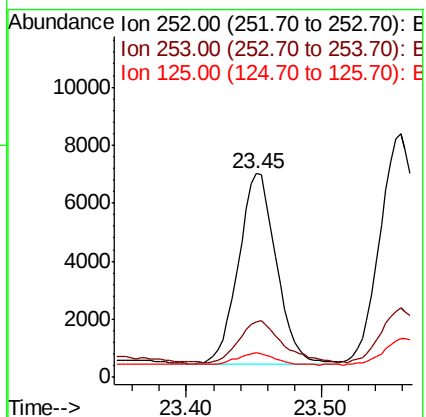
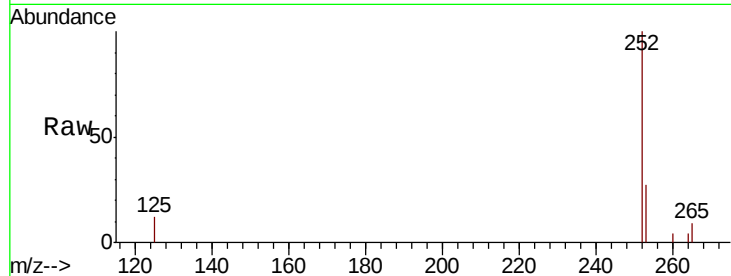
Tgt Ion:252 Resp: 12798

Ion Ratio Lower Upper

252 100

253 27.4 19.6 29.4

125 12.1 9.0 13.6



#38

Dibenzo(a,h)anthracene

Concen: 0.113 ng

RT: 26.23 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE100244.D

Acq: 28 Jun 2019 20:51

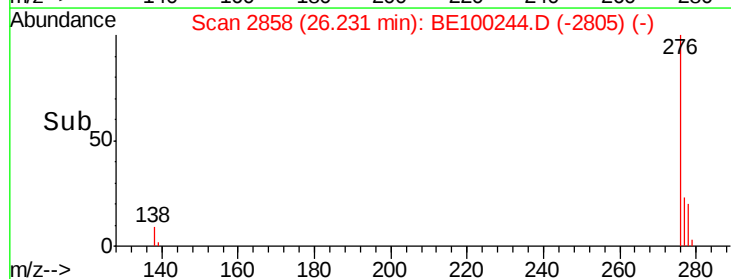
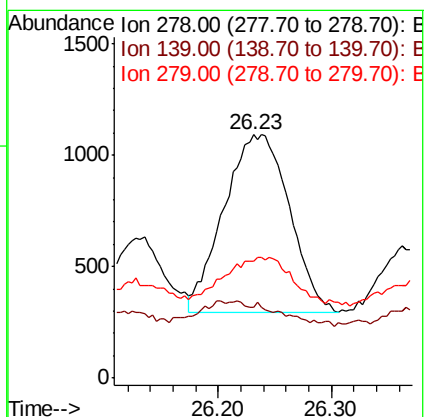
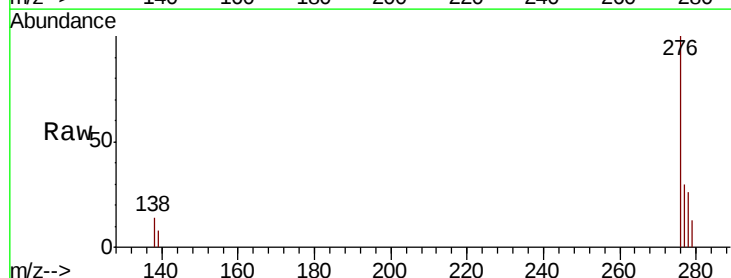
Tgt Ion:278 Resp: 3209

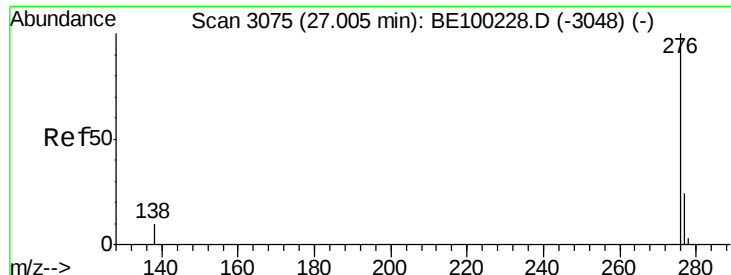
Ion Ratio Lower Upper

278 100

139 29.1 8.2 12.2#

279 47.8 20.3 30.5#





#39

Benzo(g,h,i)perylene

Concen: 0.485 ng

RT: 27.02 min Scan# 3078

Delta R.T. 0.01 min

Lab File: BE100244.D

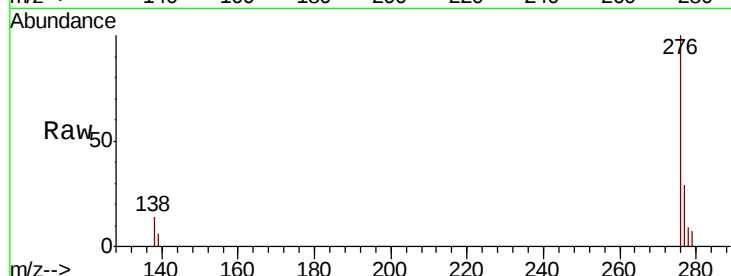
Acq: 28 Jun 2019 20:51

Instrument :

BNA_E

ClientSampleId :

PST-029-B052-061719



Tgt Ion: 276 Resp: 14152

Ion Ratio Lower Upper

276 100

277 28.7 20.2 30.2

138 13.9 9.0 13.6

