

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
 Data File : BE100227.D
 Acq On : 28 Jun 2019 9:50
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 28 12:19:48 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 12:13:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	556	0.40	ng	0.01
7) Naphthalene-d8	10.45	136	2023	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	1565	0.40	ng	0.02
19) Phenanthrene-d10	17.07	188	4865	0.40	ng	0.01
27) Chrysene-d12	21.24	240	7139	0.40	ng	0.00
34) Perylene-d12	23.67	264	9208	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	289	0.23	ng	0.00
5) Phenol-d6	6.86	99	325	0.19	ng	0.02
8) Nitrobenzene-d5	8.83	82	359	0.18	ng	0.01
11) 2-Methylnaphthalene-d10	12.07	152	718	0.19	ng	0.02
14) 2,4,6-Tribromophenol	15.84	330	179	0.20	ng	0.01
15) 2-Fluorobiphenyl	12.96	172	1212	0.19	ng	0.02
25) Fluoranthene-d10	19.10	212	13531	0.19	ng	0.00
29) Terphenyl-d14	19.70	244	2914	0.21	ng	0.00

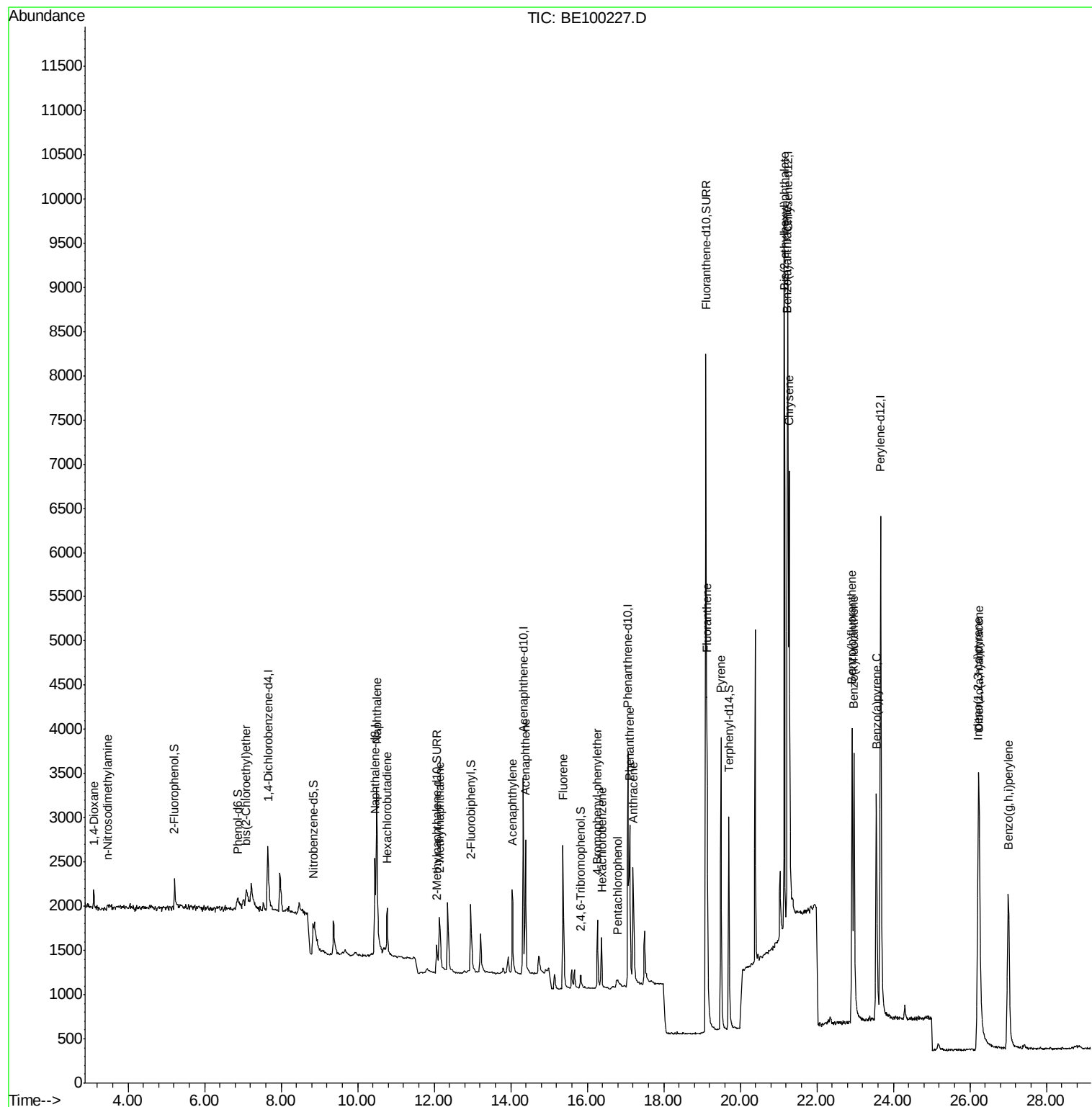
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	191	0.220	ng	97
3) n-Nitrosodimethylamine	3.47	42	82	0.255	ng	# 43
6) bis(2-Chloroethyl)ether	7.09	93	283	0.182	ng	# 96
9) Naphthalene	10.50	128	4382	0.198	ng	# 97
10) Hexachlorobutadiene	10.77	225	426	0.187	ng	98
12) 2-Methylnaphthalene	12.14	142	756	0.213	ng	97
16) Acenaphthylene	14.04	152	1456	0.191	ng	98
17) Acenaphthene	14.38	154	821	0.192	ng	97
18) Fluorene	15.37	166	1202	0.194	ng	96
20) 4-Bromophenyl-phenylether	16.26	248	605	0.200	ng	# 89
21) Hexachlorobenzene	16.37	284	617	0.186	ng	97
22) Pentachlorophenol	16.80	266	166	0.213	ng	88
23) Phenanthrene	17.11	178	2199	0.191	ng	98
24) Anthracene	17.20	178	1881	0.193	ng	99
26) Fluoranthene	19.13	202	3529	0.188	ng	100
28) Pyrene	19.49	202	3775	0.206	ng	99
30) Benzo(a)anthracene	21.23	228	4524	0.215	ng	98
31) Chrysene	21.28	228	4706	0.191	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	9769	0.404	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.22	276	6125	0.174	ng	99
35) Benzo(b)fluoranthene	22.93	252	4603	0.186	ng	96
36) Benzo(k)fluoranthene	22.97	252	5421	0.183	ng	# 93
37) Benzo(a)pyrene	23.56	252	4803	0.187	ng	# 93
38) Dibenzo(a,h)anthracene	26.25	278	4866	0.177	ng	94
39) Benzo(g,h,i)perylene	27.01	276	5086	0.177	ng	# 95

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

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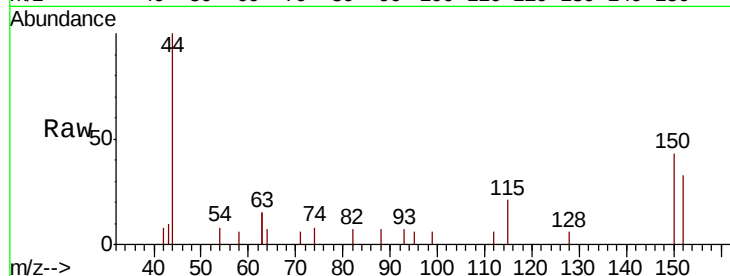


#1

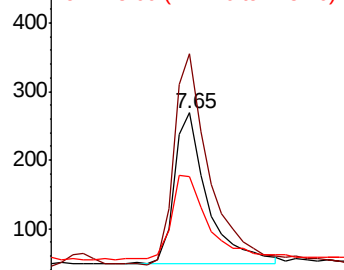
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

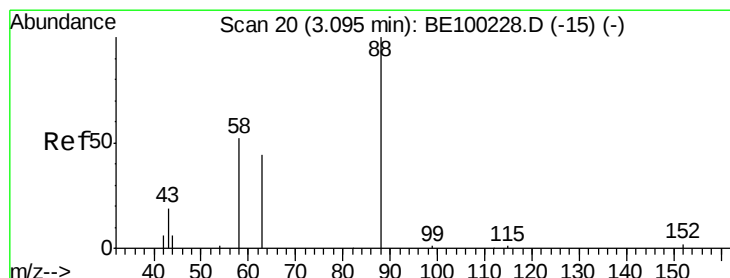
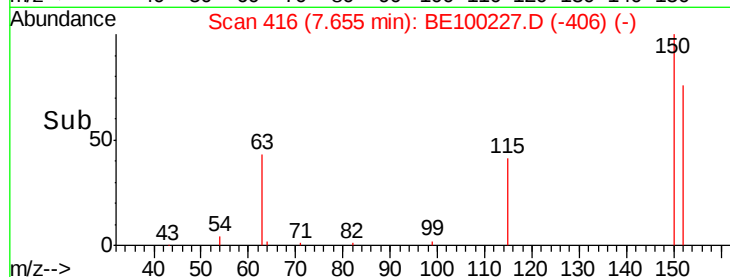
Tot Ion:152 Resp: 556
Ion Ratio Lower Upper
152 100
150 132.0 114.5 171.7
115 65.1 57.1 85.7



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



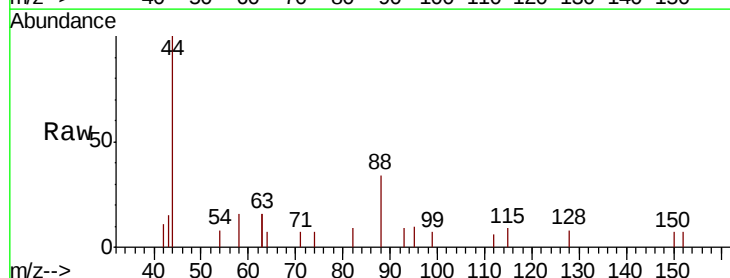
Time-->



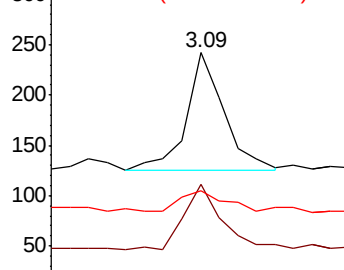
#2

1,4-Dioxane
Concen: 0.220 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

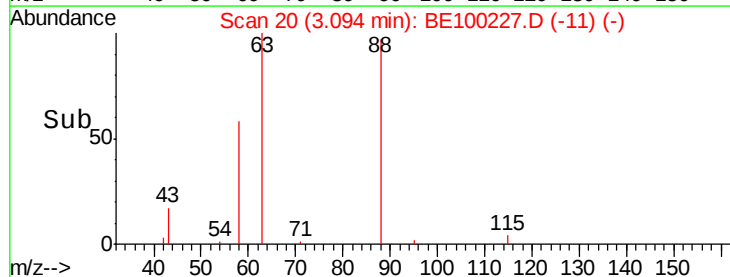
Tgt Ion: 88 Resp: 191
Ion Ratio Lower Upper
88 100
58 53.9 43.6 65.4
43 22.5 21.4 32.0



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



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.255 ng

RT: 3.47 min Scan# 53

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

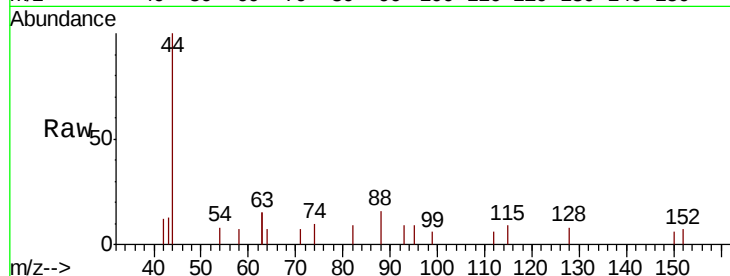
Tot Ion: 42 Resp: 82

Ion Ratio Lower Upper

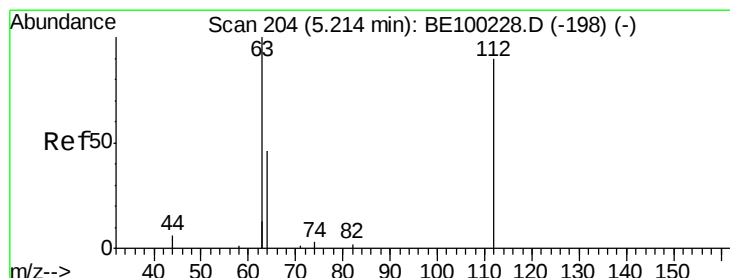
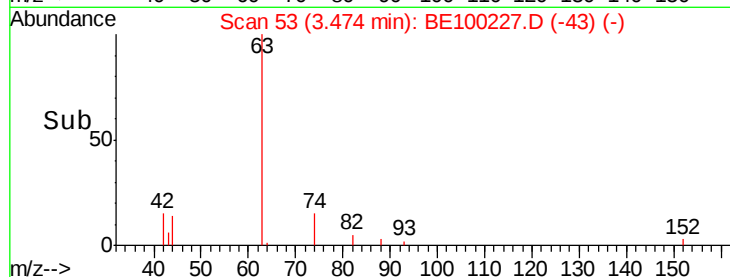
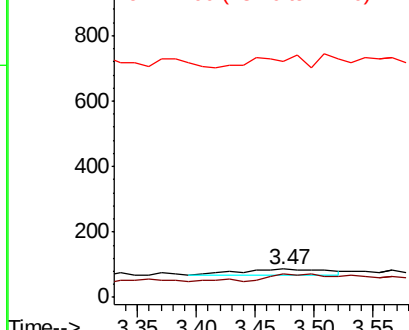
42 100

74 92.7 130.6 196.0#

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: 0.234 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

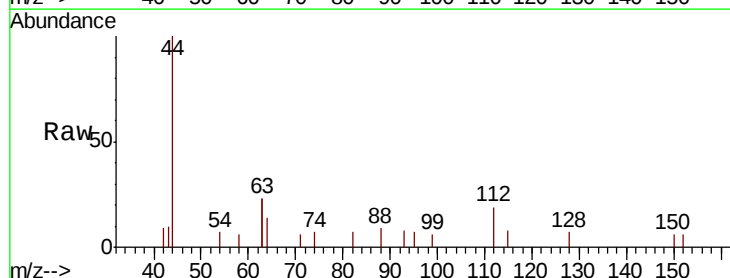
Tgt Ion: 112 Resp: 289

Ion Ratio Lower Upper

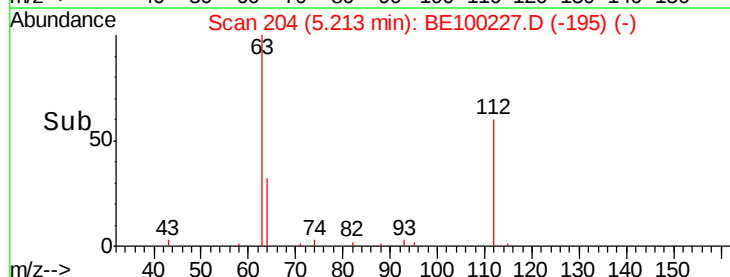
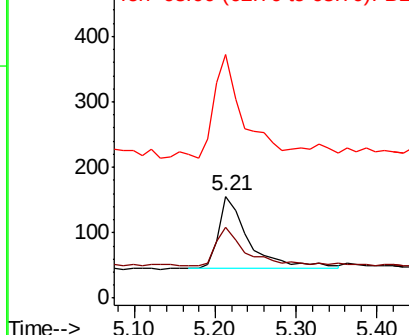
112 100

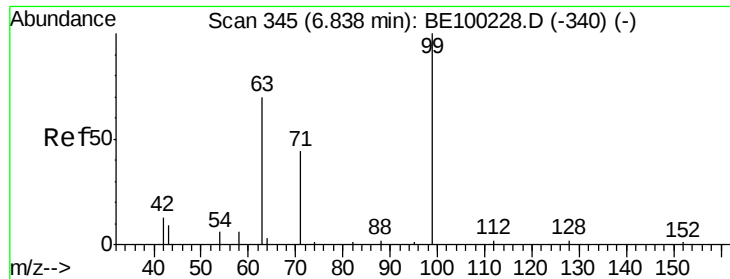
64 52.6 39.4 59.0

63 133.9 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.191 ng

RT: 6.86 min Scan# 347

Delta R.T. 0.02 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

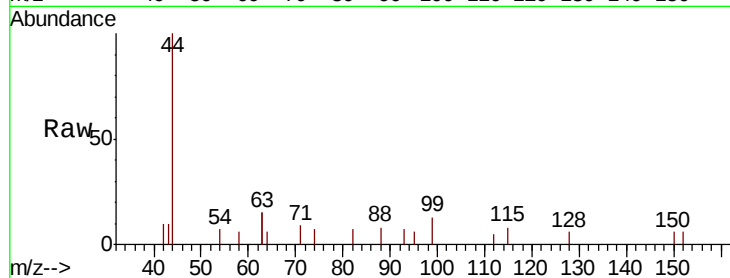
Tot Ion: 99 Resp: 325

Ion Ratio Lower Upper

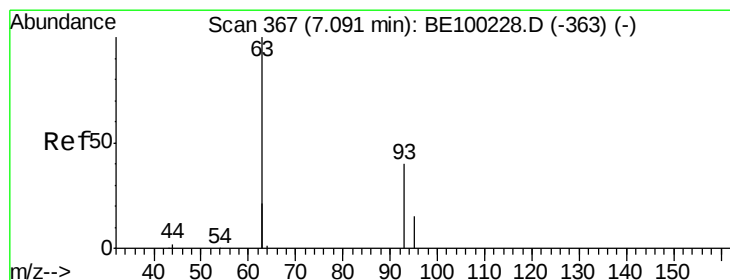
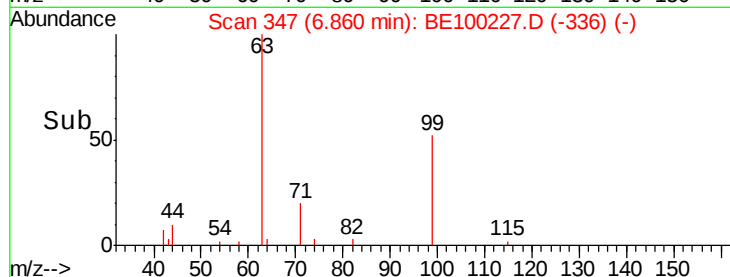
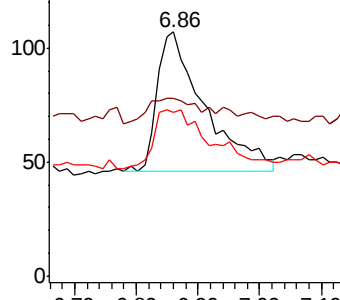
99 100

42 16.9 11.2 16.8#

71 51.4 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



#6

bis(2-Chloroethyl)ether

Concen: 0.182 ng

RT: 7.09 min Scan# 367

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

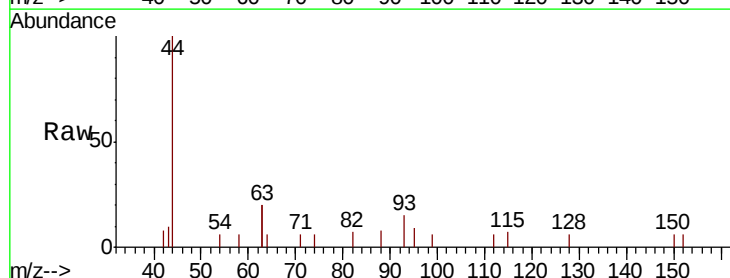
Tgt Ion: 93 Resp: 283

Ion Ratio Lower Upper

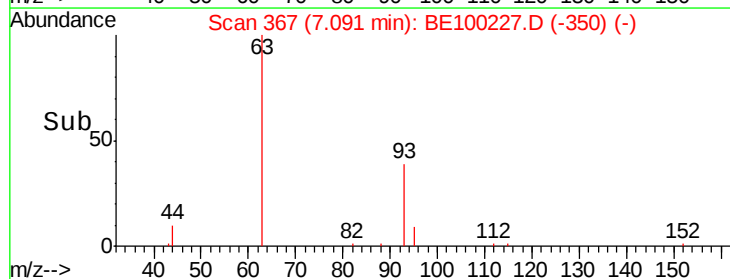
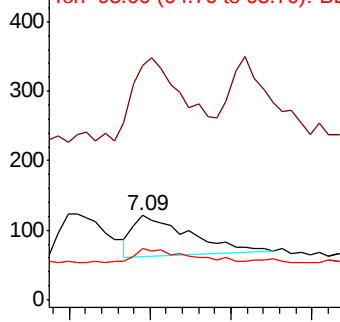
93 100

63 190.8 155.6 233.4

95 34.6 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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2023

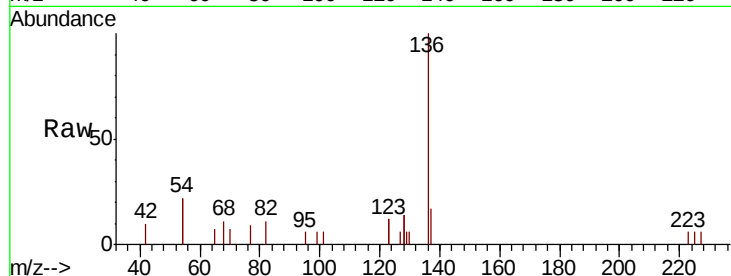
Ion Ratio Lower Upper

136 100

137 17.2 11.8 17.8

54 43.2 27.7 41.5#

68 11.5 6.8 10.2#

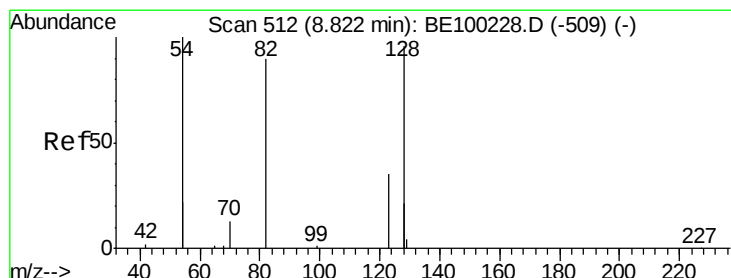
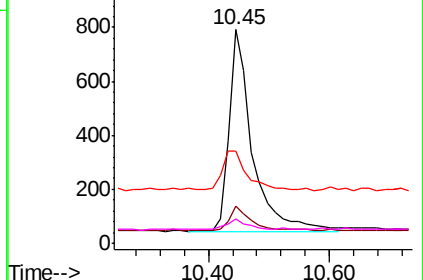
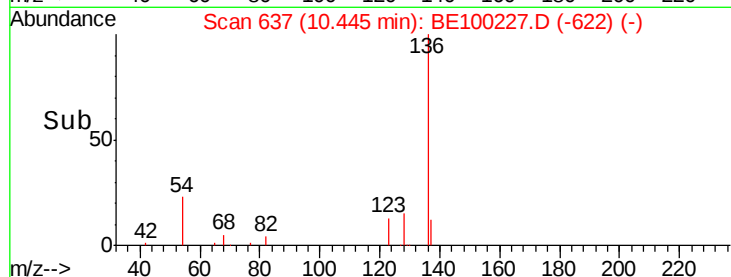


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.178 ng

RT: 8.83 min Scan# 513

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

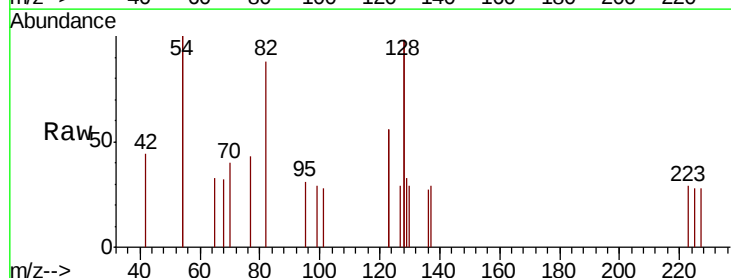
Tgt Ion: 82 Resp: 359

Ion Ratio Lower Upper

82 100

128 222.4 140.9 211.3#

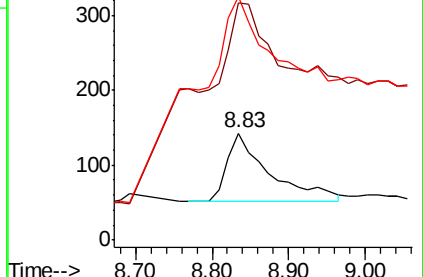
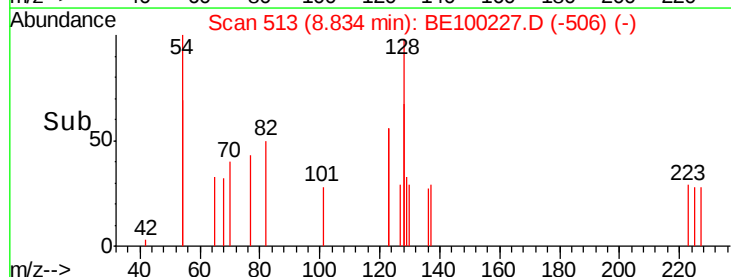
54 228.0 146.2 219.2#

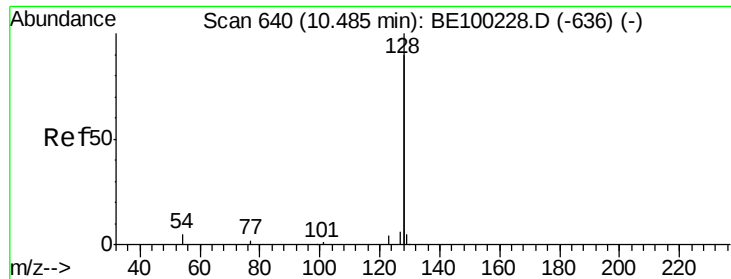


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

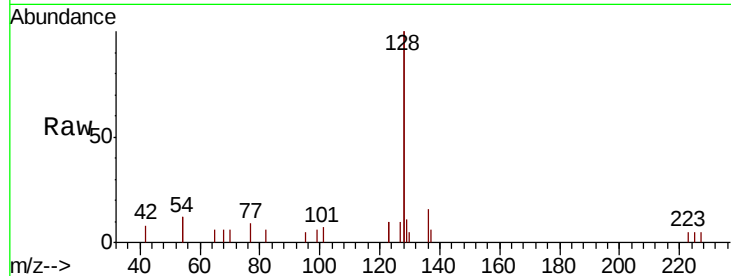




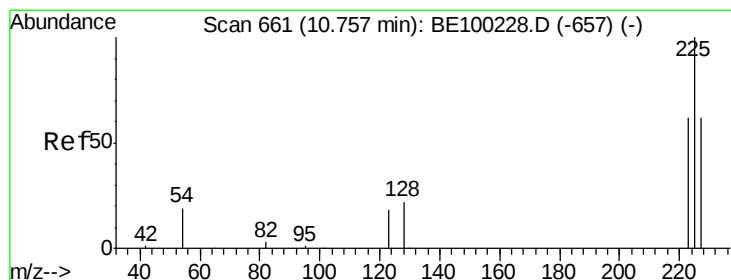
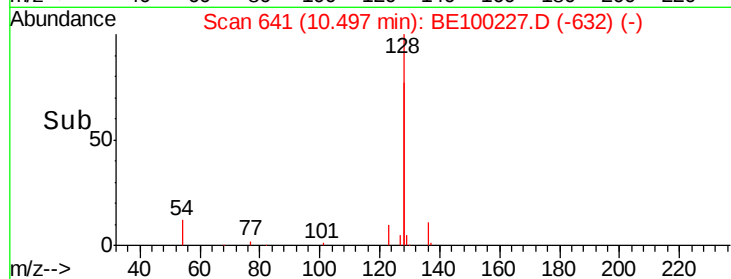
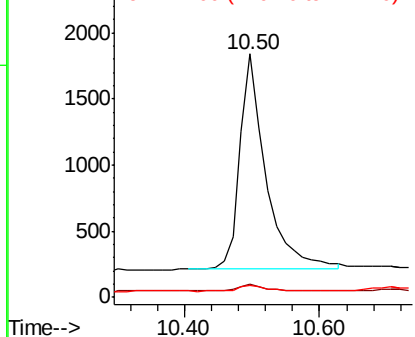
#9
Naphthalene
Concen: 0.198 ng
RT: 10.50 min Scan# 641
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampled :

Tot Ion:128 Resp: 4382
Ion Ratio Lower Upper
128 100
129 5.3 3.0 4.6#
127 5.1 3.5 5.3

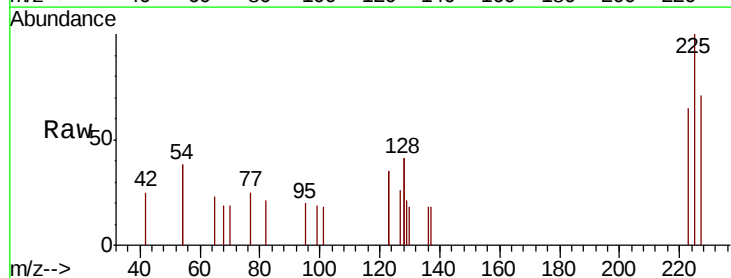


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

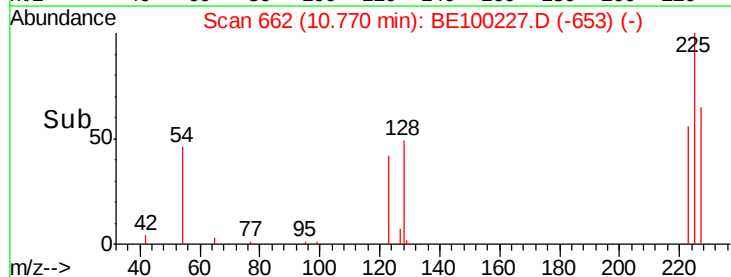
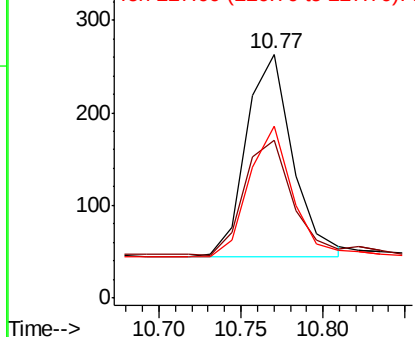


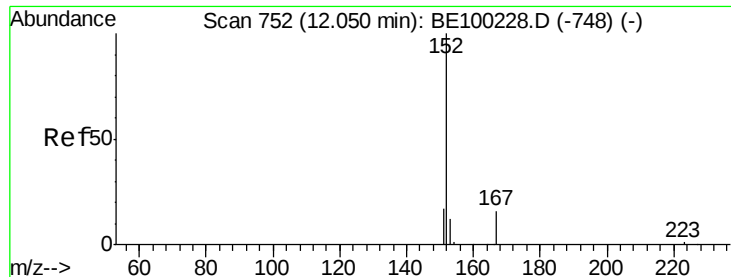
#10
Hexachlorobutadiene
Concen: 0.187 ng
RT: 10.77 min Scan# 662
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:225 Resp: 426
Ion Ratio Lower Upper
225 100
223 58.7 49.1 73.7
227 61.7 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

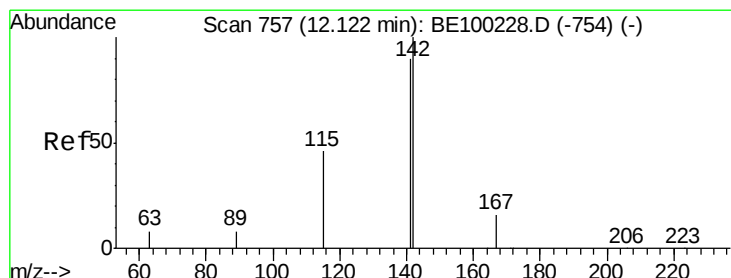
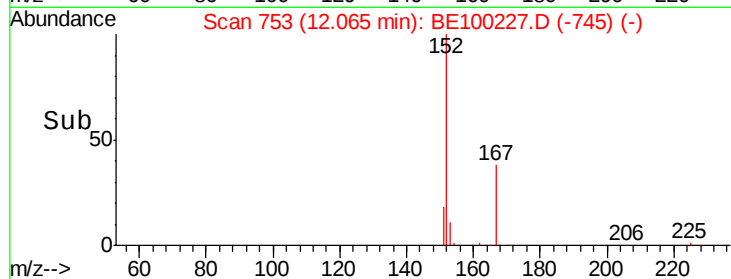
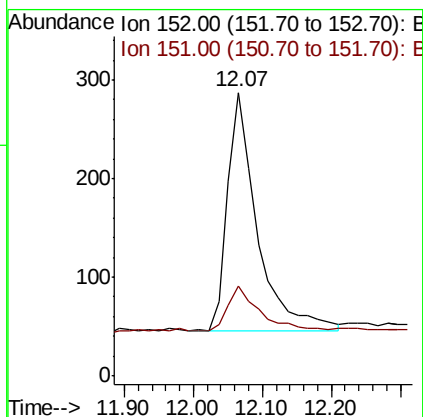
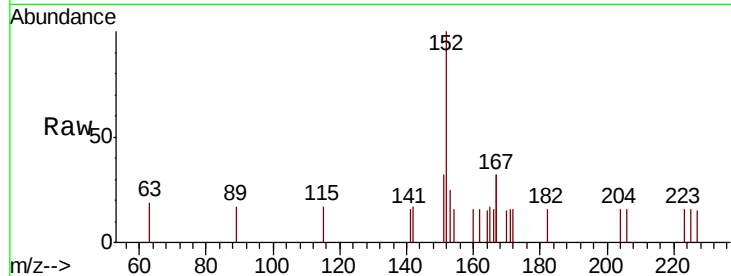




#11
2-Methylnaphthalene-d10
Concen: 0.189 ng
RT: 12.07 min Scan# 753
Delta R.T. 0.02 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

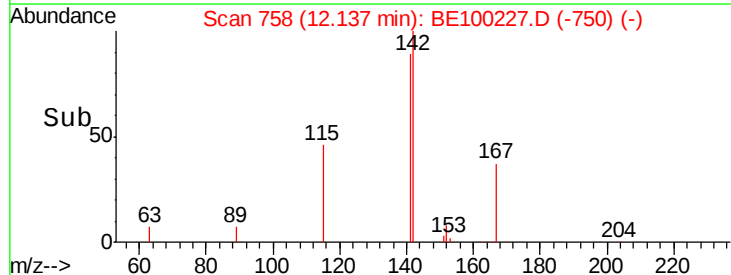
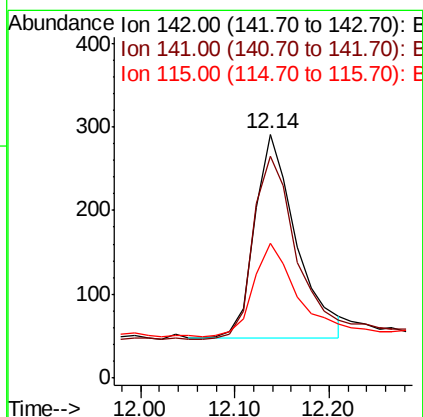
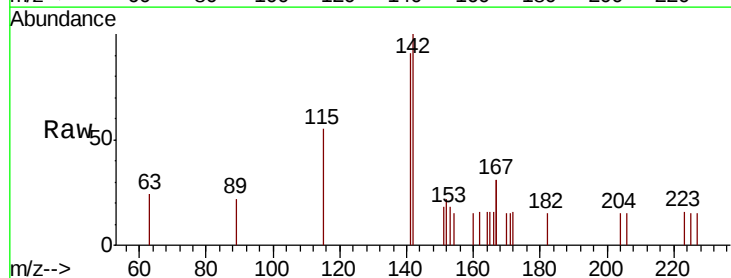
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 718
Ion Ratio Lower Upper
152 100
151 20.9 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.213 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.02 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:142 Resp: 756
Ion Ratio Lower Upper
142 100
141 91.1 72.4 108.6
115 55.3 40.4 60.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 910

Delta R.T. 0.02 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

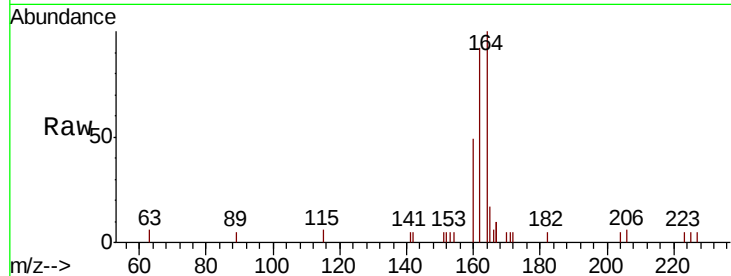
Tot Ion:164 Resp: 1565

Ion Ratio Lower Upper

164 100

162 91.8 83.4 125.0

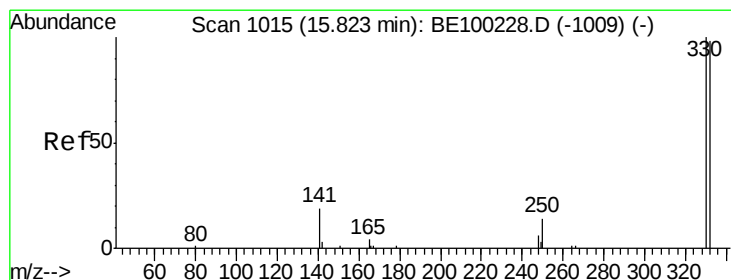
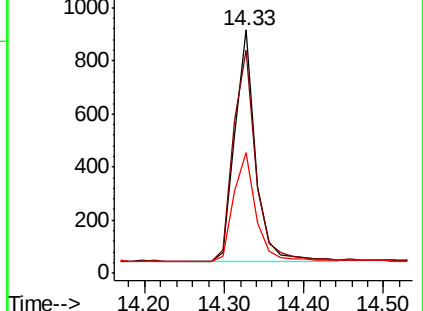
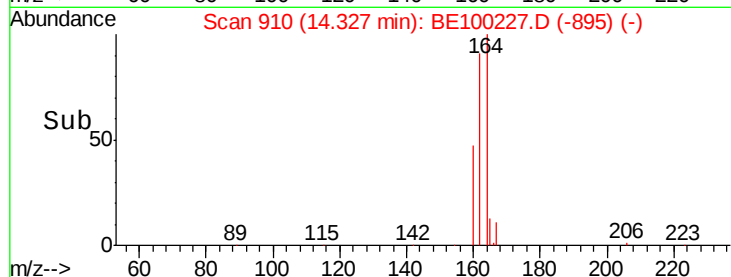
160 49.4 45.0 67.6



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: 0.198 ng

RT: 15.84 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

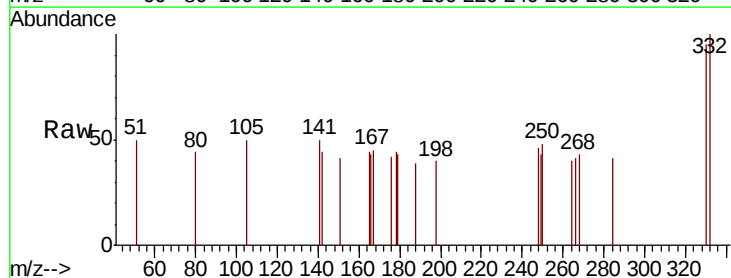
Tgt Ion:330 Resp: 179

Ion Ratio Lower Upper

330 100

332 115.6 77.0 115.4#

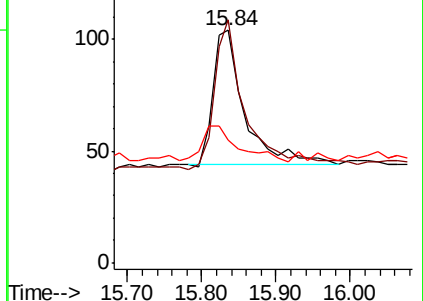
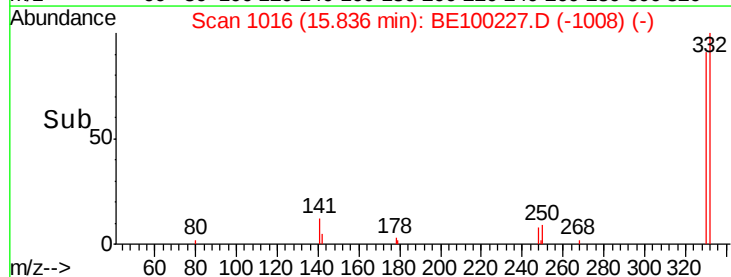
141 0.0 22.0 33.0#



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

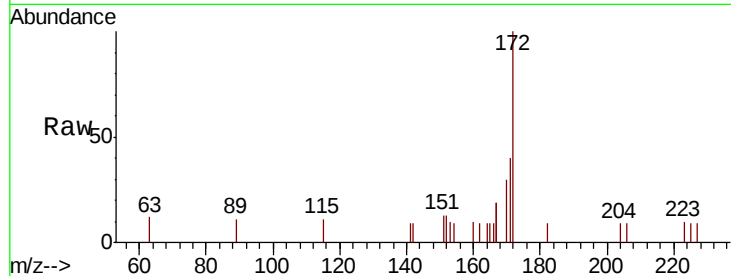




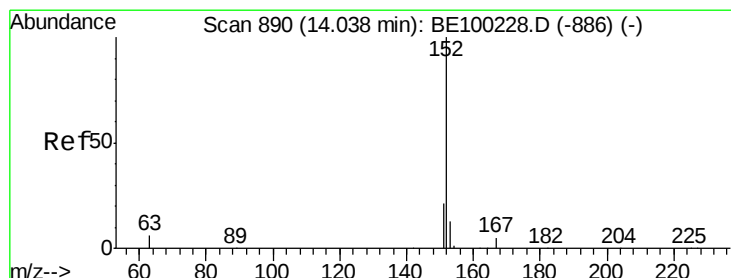
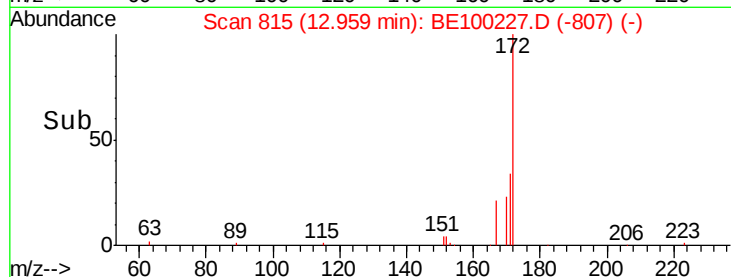
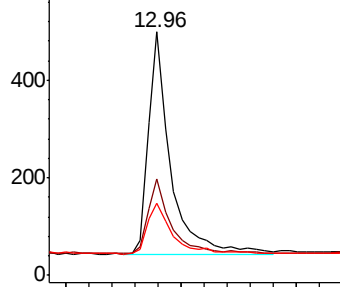
#15
2-Fluorobiphenyl
Concen: 0.193 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.02 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 1212
Ion Ratio Lower Upper
172 100
171 39.7 31.9 47.9
170 29.7 22.2 33.2

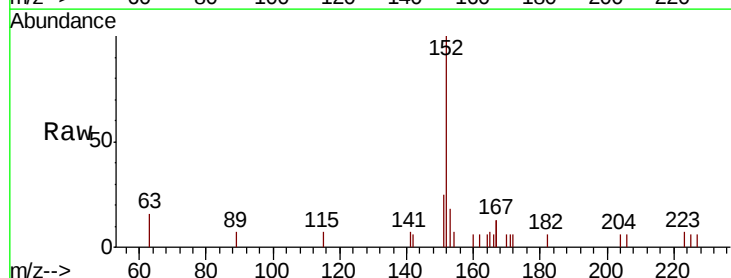


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

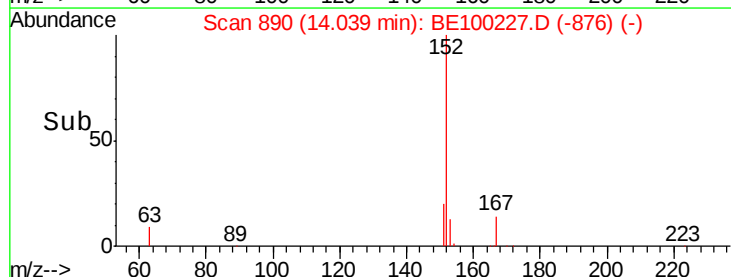
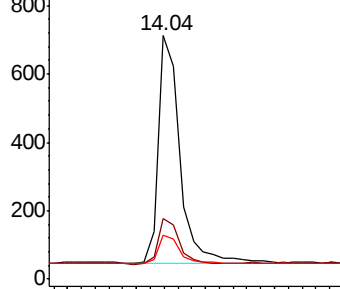


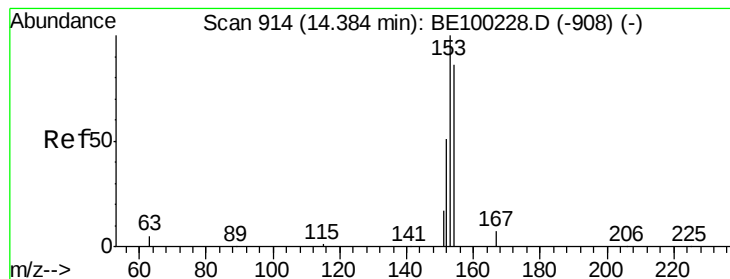
#16
Acenaphthylene
Concen: 0.191 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:152 Resp: 1456
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0
153 12.5 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: 0.192 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

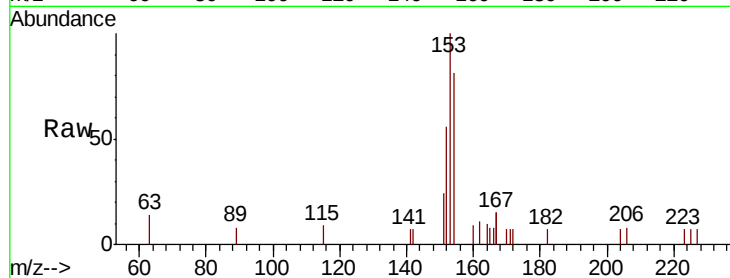
Tot Ion:154 Resp: 821

Ion Ratio Lower Upper

154 100

153 119.4 93.4 140.2

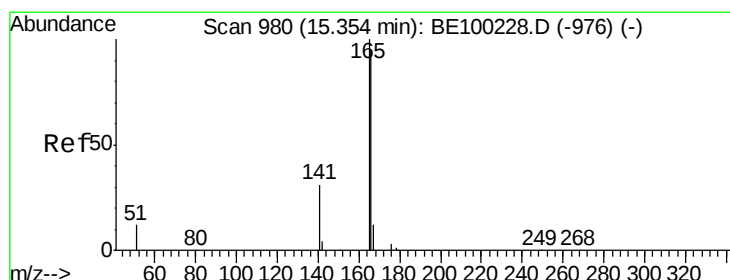
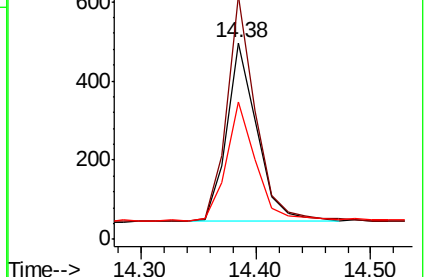
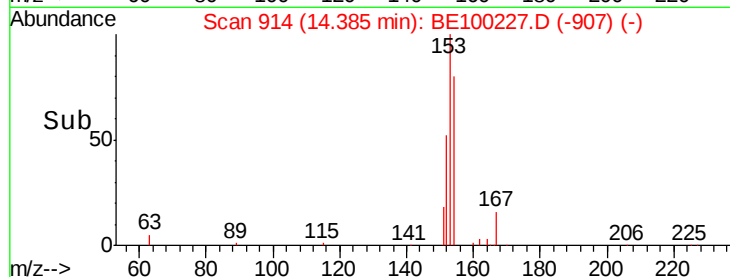
152 65.8 49.4 74.2



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: 0.194 ng

RT: 15.37 min Scan# 981

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

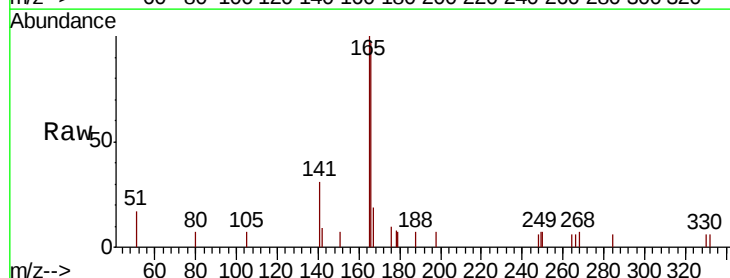
Tgt Ion:166 Resp: 1202

Ion Ratio Lower Upper

166 100

165 105.7 81.1 121.7

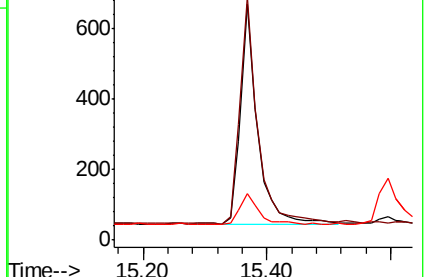
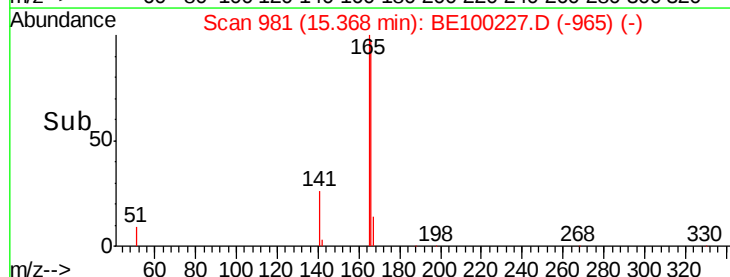
167 14.6 10.7 16.1

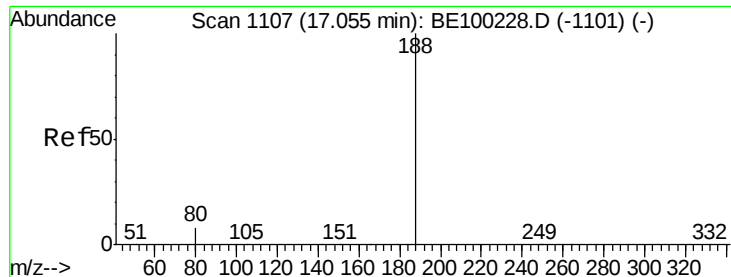


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

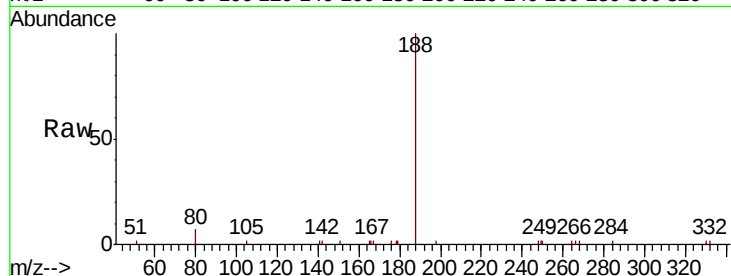
Tot Ion:188 Resp: 4865

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

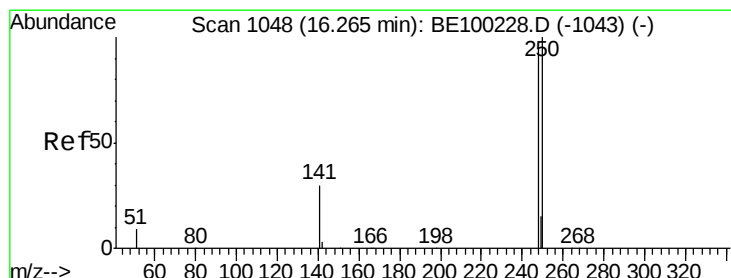
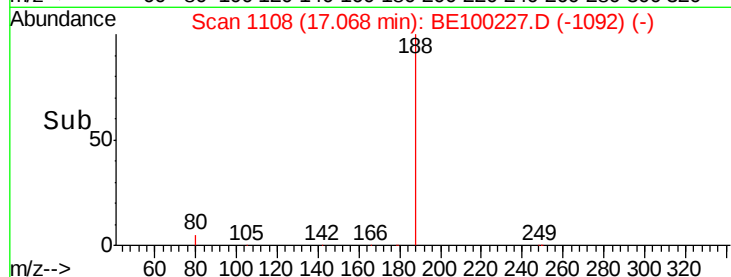
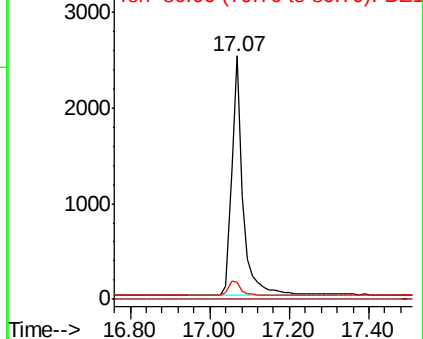
80 7.2 7.6 11.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.200 ng

RT: 16.26 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

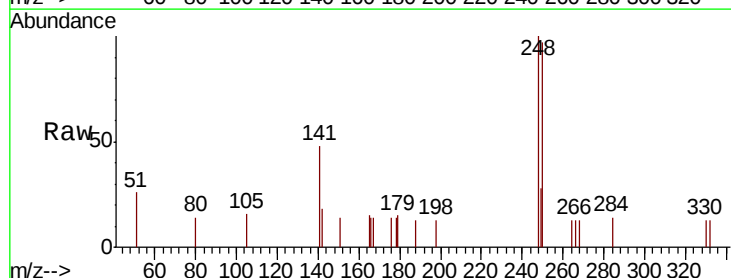
Tgt Ion:248 Resp: 605

Ion Ratio Lower Upper

248 100

250 97.3 84.2 126.4

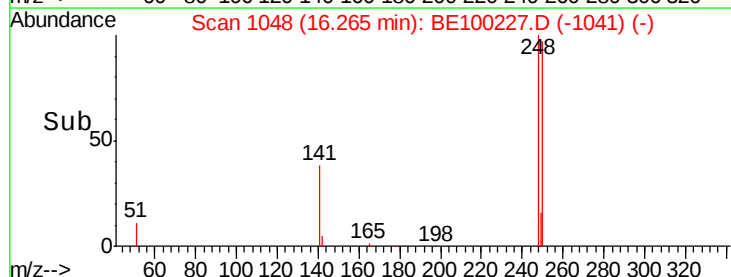
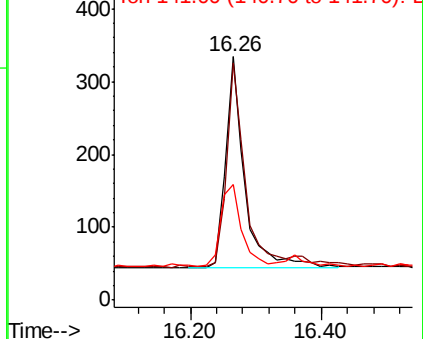
141 47.6 29.3 43.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.186 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampled :

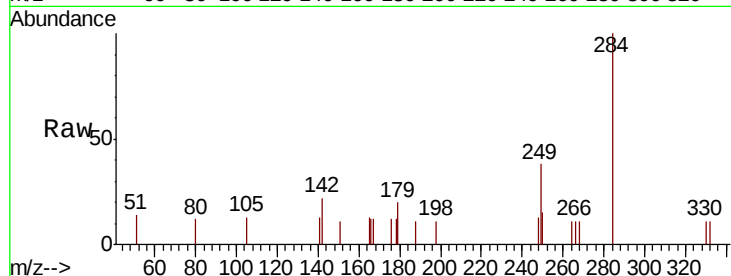
Tot Ion:284 Resp: 617

Ion Ratio Lower Upper

284 100

142 22.7 18.8 28.2

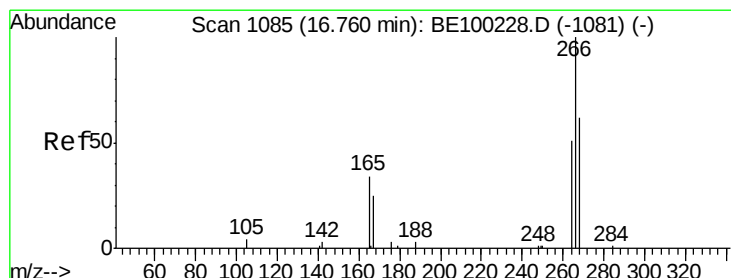
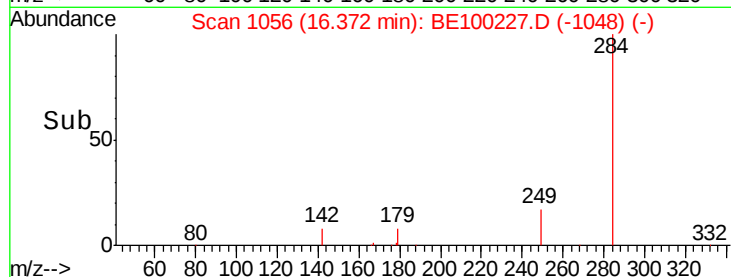
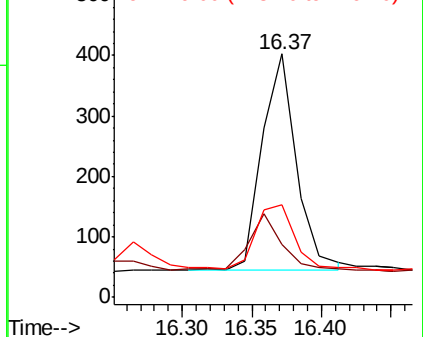
249 31.4 23.7 35.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.213 ng

RT: 16.80 min Scan# 1088

Delta R.T. 0.04 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

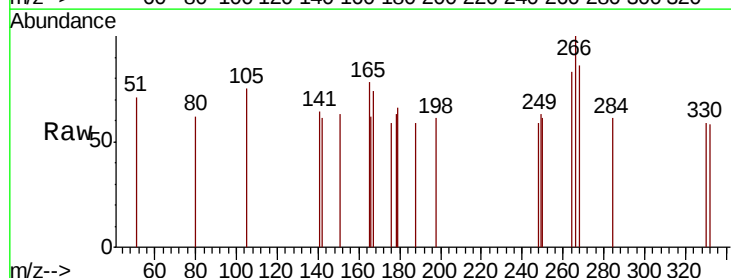
Tgt Ion:266 Resp: 166

Ion Ratio Lower Upper

266 100

264 82.9 56.2 84.2

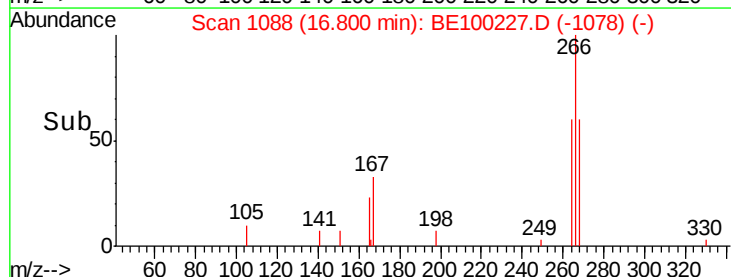
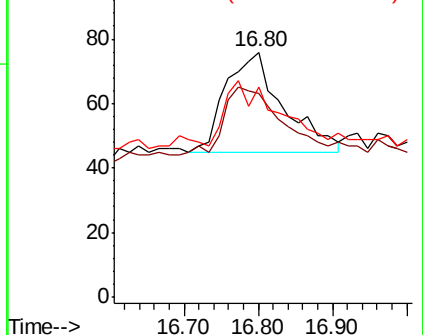
268 85.5 61.8 92.6



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: 0.191 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

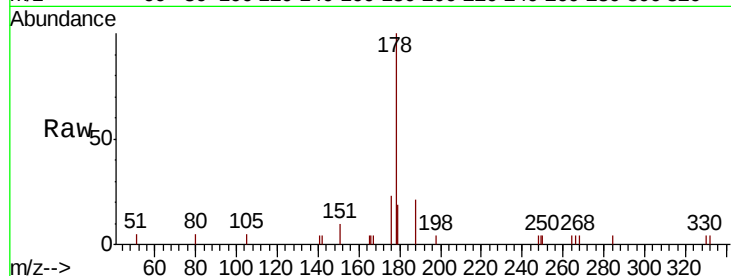
Tot Ion:178 Resp: 2199

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

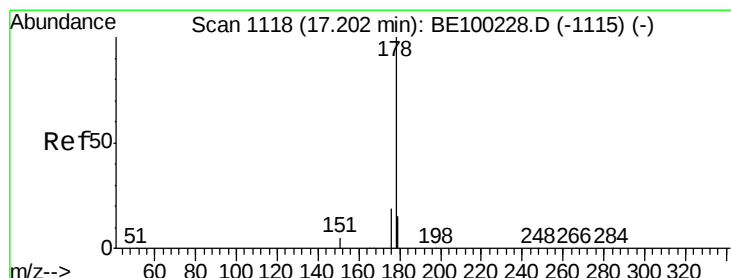
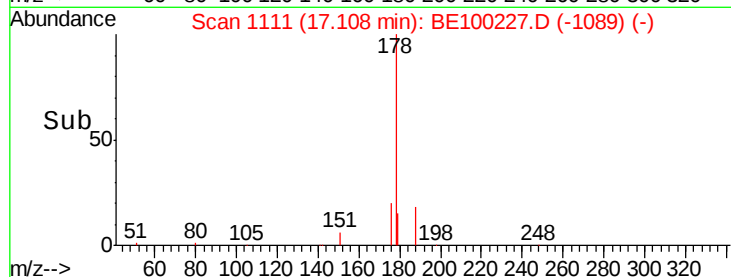
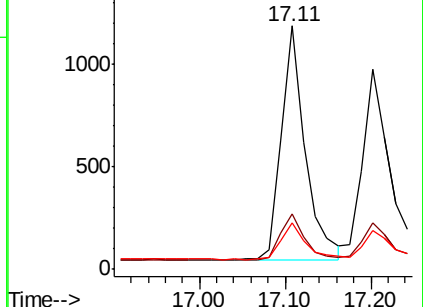
179 16.4 12.2 18.2



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: 0.193 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

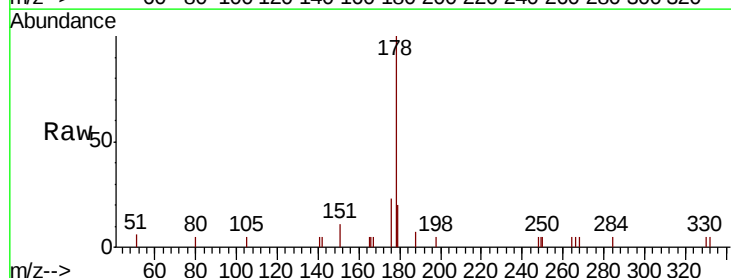
Tgt Ion:178 Resp: 1881

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

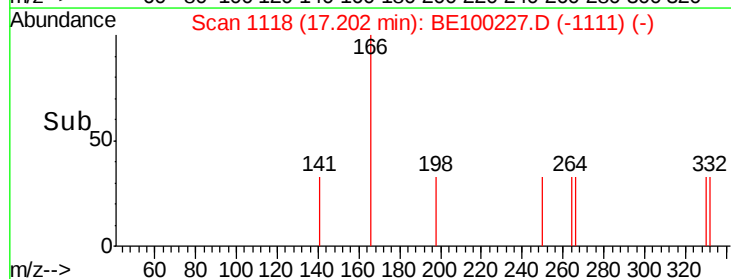
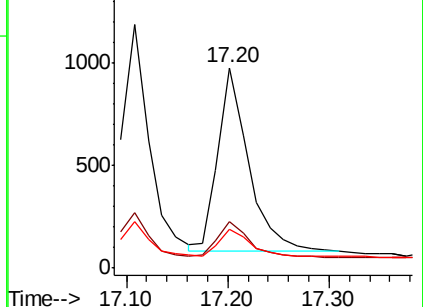
179 14.9 12.2 18.2

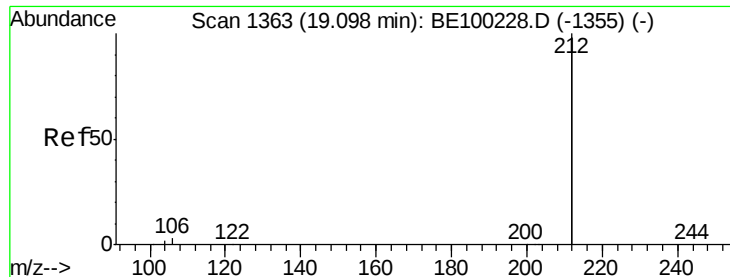


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.193 ng

RT: 19.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

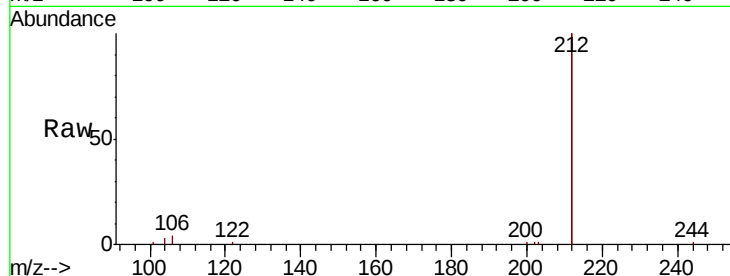
Tot Ion:212 Resp: 13531

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

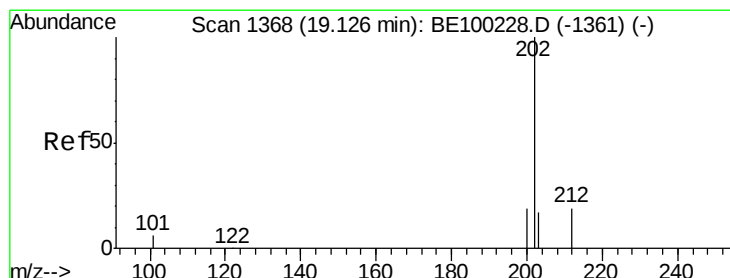
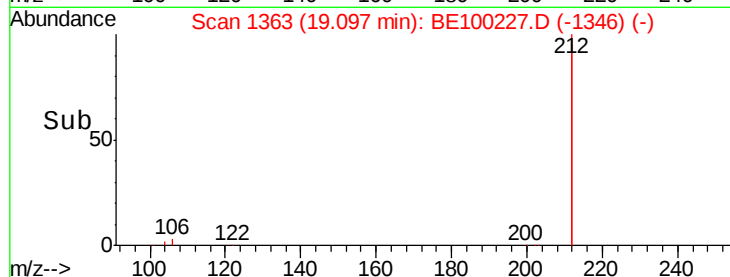
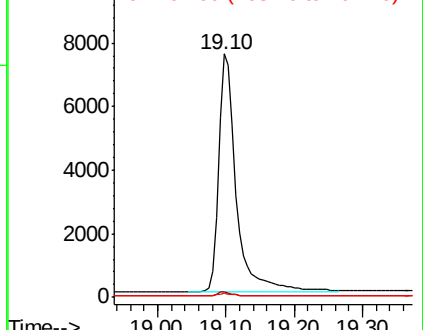
104 0.9 0.8 1.2



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: 0.188 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

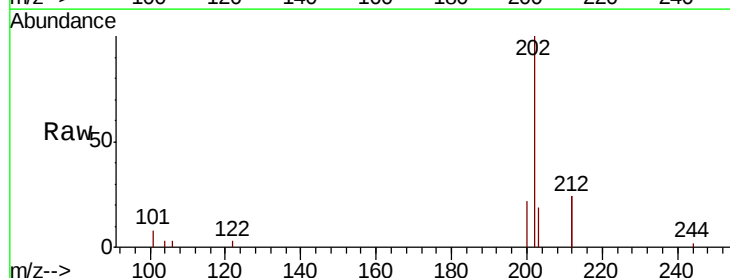
Tgt Ion:202 Resp: 3529

Ion Ratio Lower Upper

202 100

101 5.9 4.6 7.0

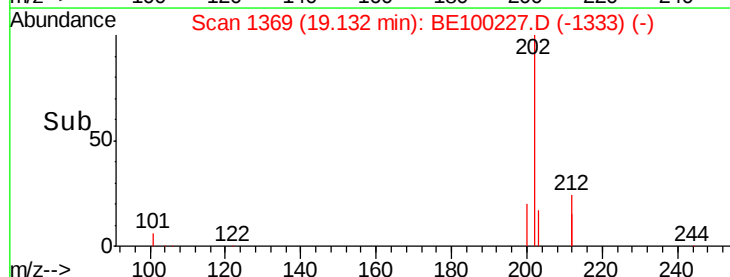
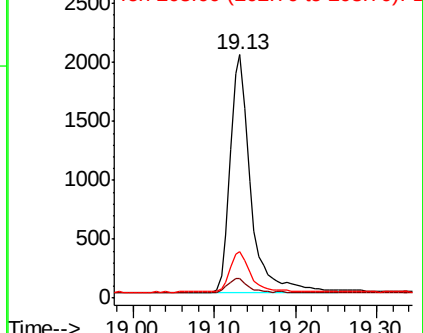
203 16.9 13.7 20.5



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: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

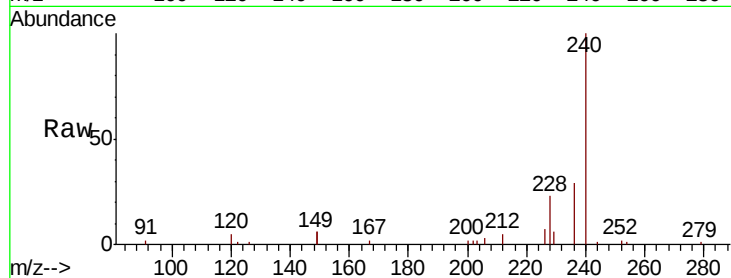
Tot Ion:240 Resp: 7139

Ion Ratio Lower Upper

240 100

120 4.7 3.3 4.9

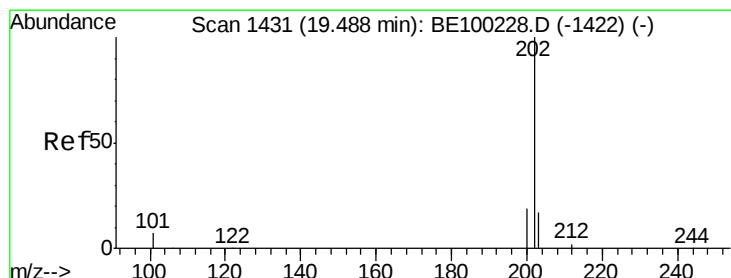
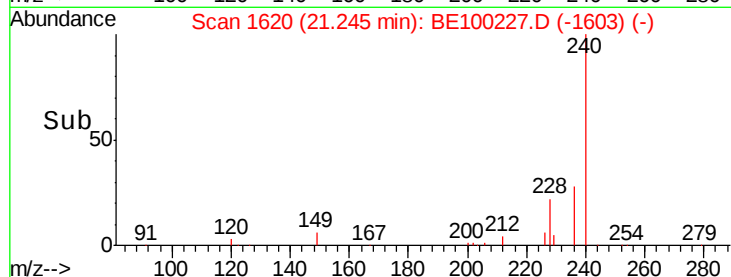
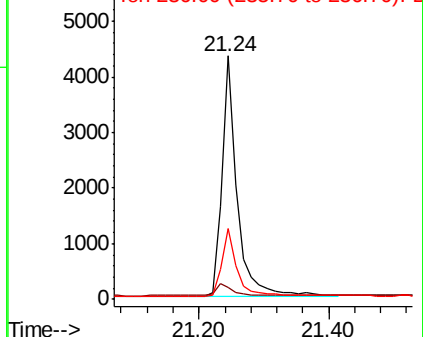
236 28.9 22.6 34.0



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: 0.206 ng

RT: 19.49 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

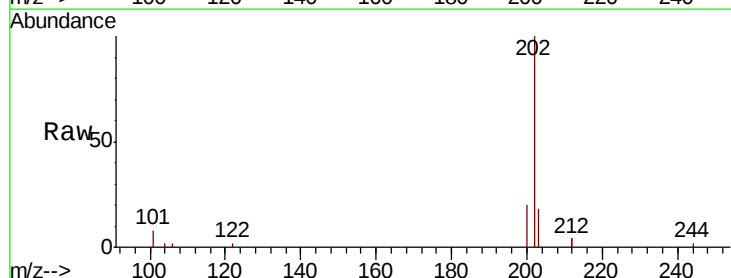
Tgt Ion:202 Resp: 3775

Ion Ratio Lower Upper

202 100

200 19.5 15.6 23.4

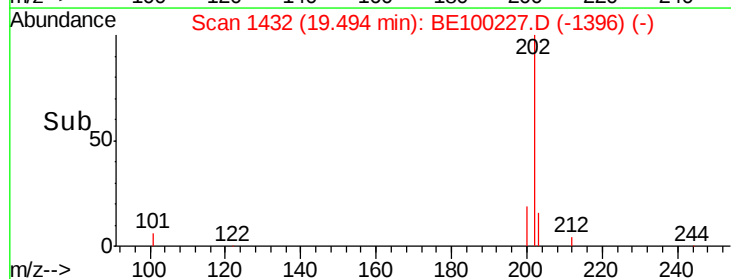
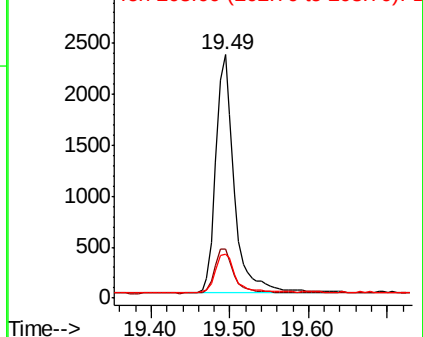
203 18.1 14.0 21.0

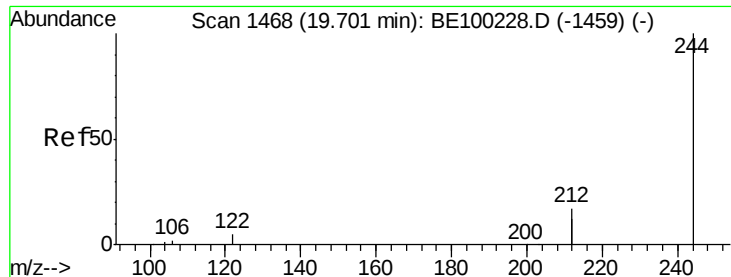


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.208 ng

RT: 19.70 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

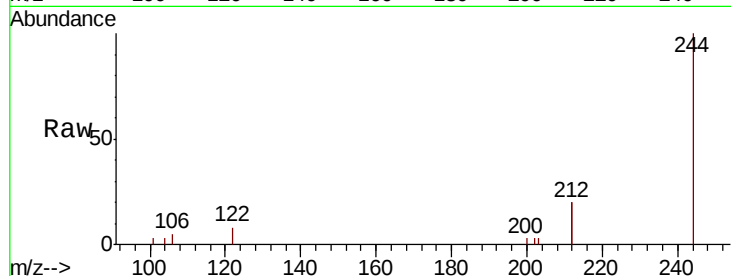
Tot Ion:244 Resp: 2914

Ion Ratio Lower Upper

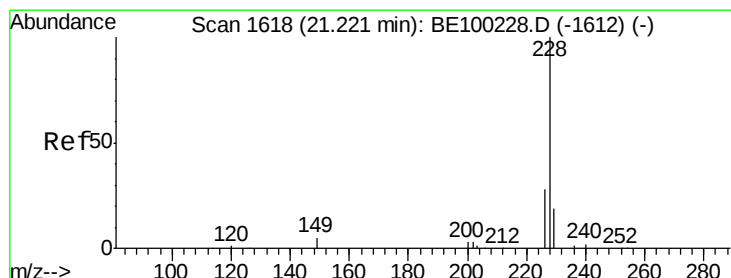
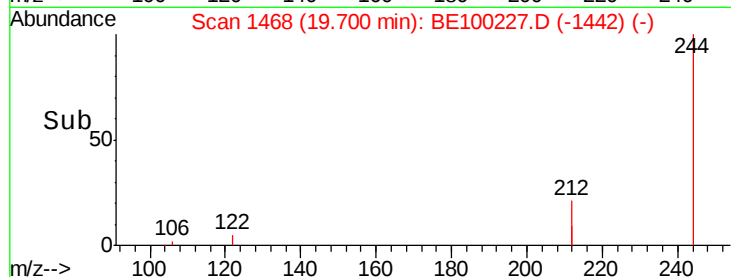
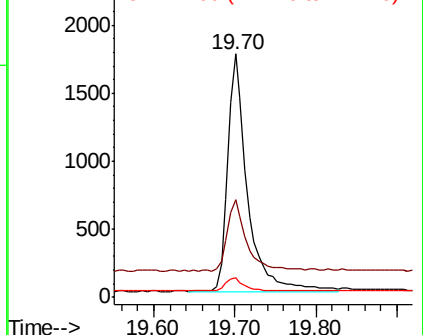
244 100

212 40.1 27.3 40.9

122 8.0 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: 0.215 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

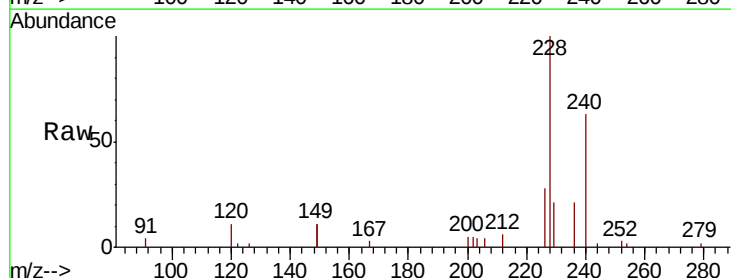
Tgt Ion:228 Resp: 4524

Ion Ratio Lower Upper

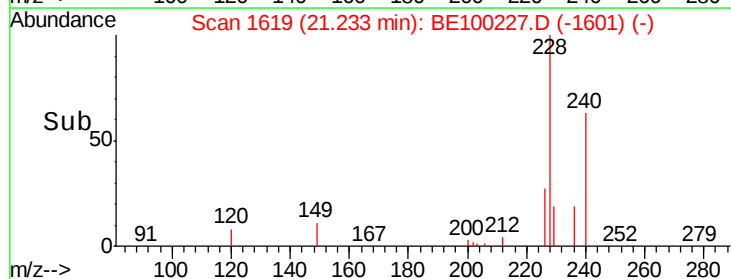
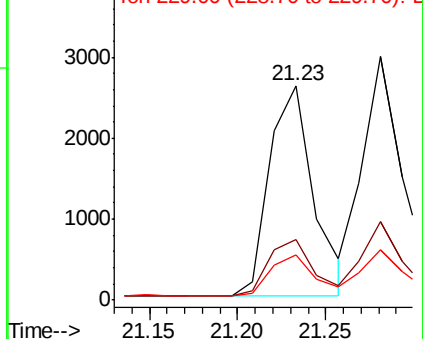
228 100

226 28.1 23.2 34.8

229 21.1 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: 0.191 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

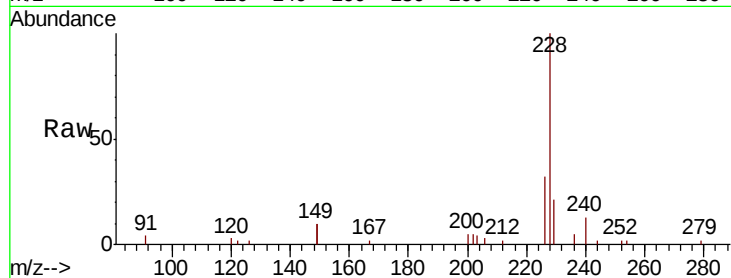
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 4706

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.9	35.9
229	20.9	16.5	24.7

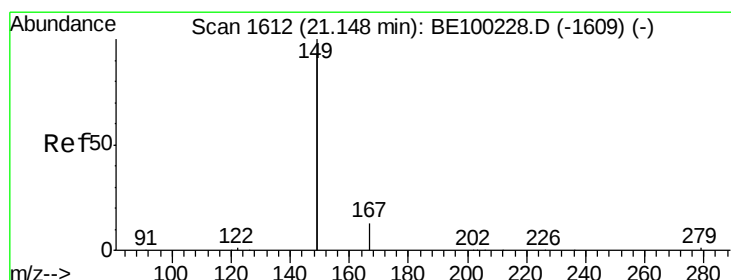
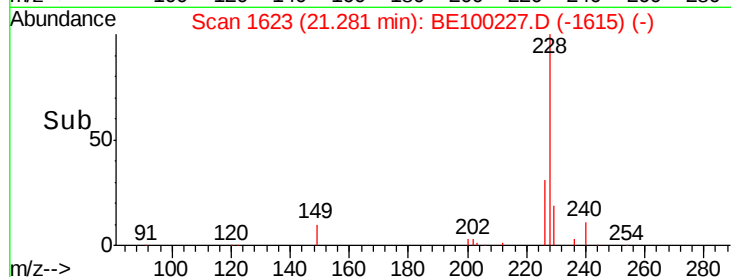
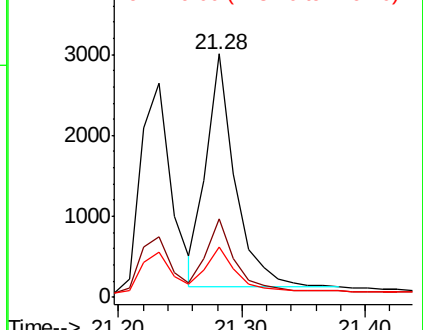


Abundance

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: 0.404 ng

RT: 21.15 min Scan# 1612

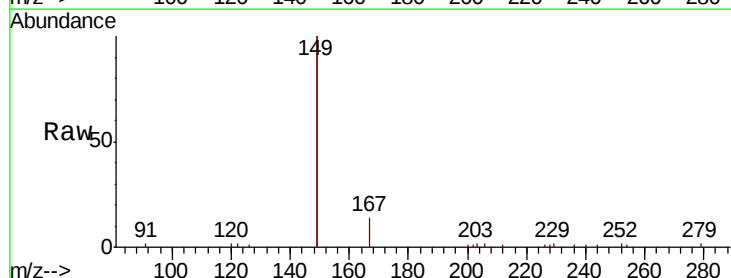
Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Tgt Ion:149 Resp: 9769

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.8
279	1.7	1.1	1.7#

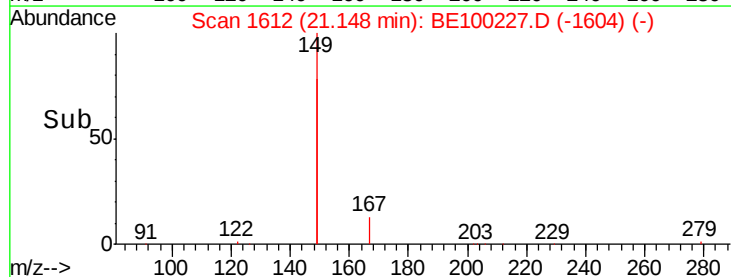
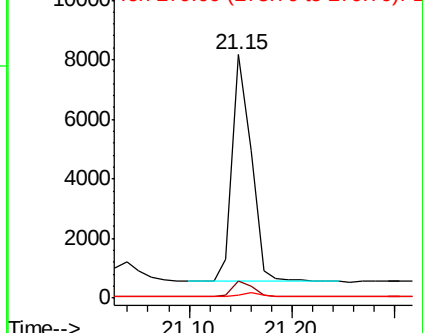


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.174 ng

RT: 26.22 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

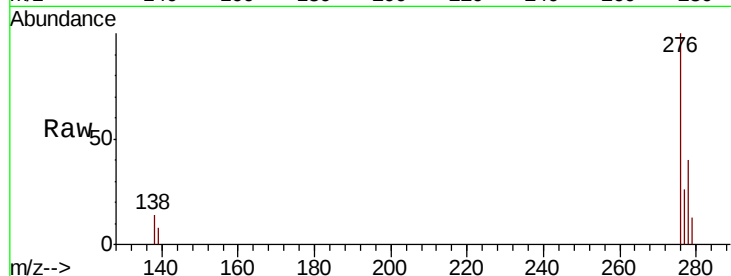
Tot Ion:276 Resp: 6125

Ion Ratio Lower Upper

276 100

138 11.5 9.4 14.0

277 23.4 19.2 28.8

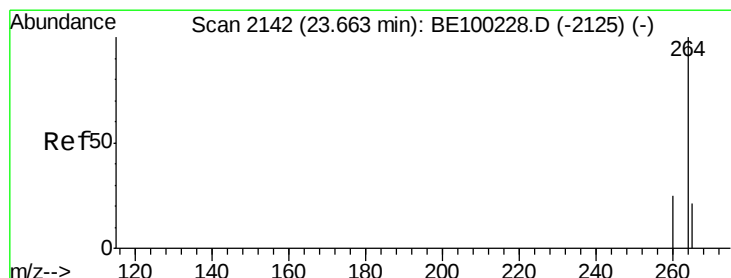
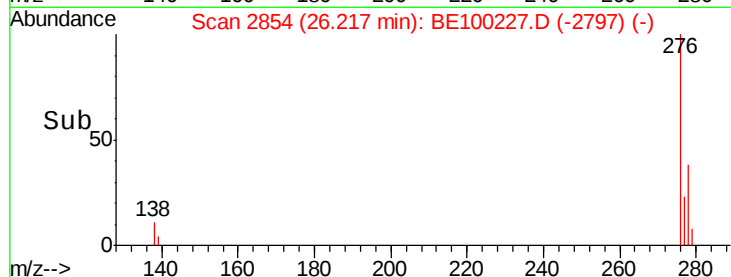
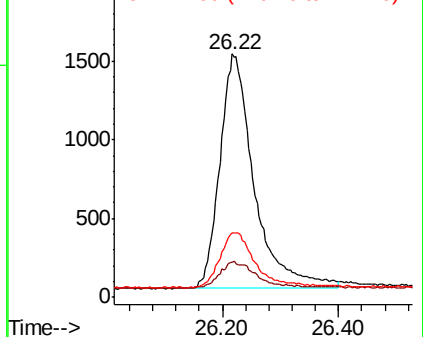


Abundance

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# 2143

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

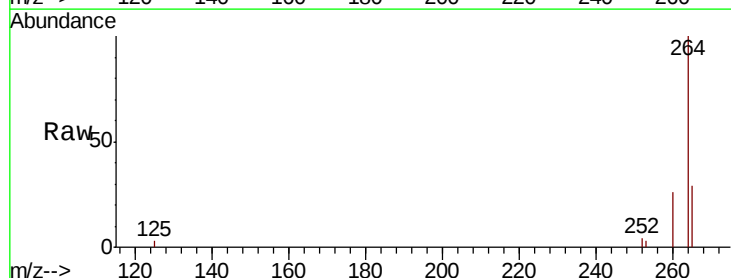
Tgt Ion:264 Resp: 9208

Ion Ratio Lower Upper

264 100

260 26.0 20.8 31.2

265 28.8 21.8 32.6

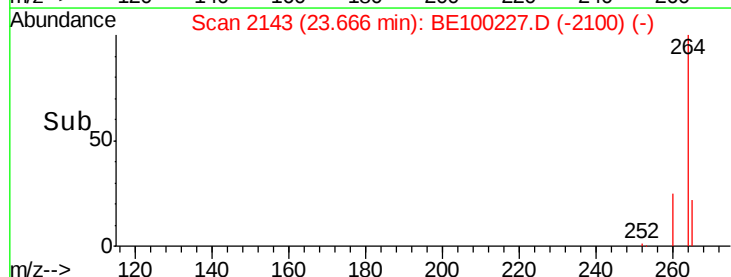
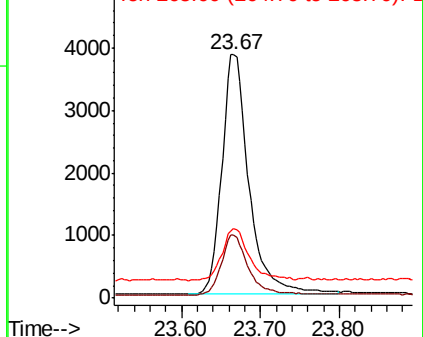


Abundance

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

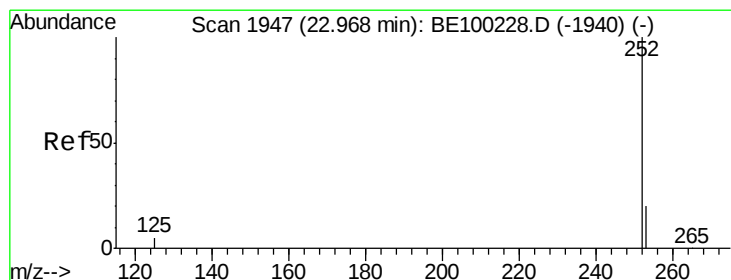
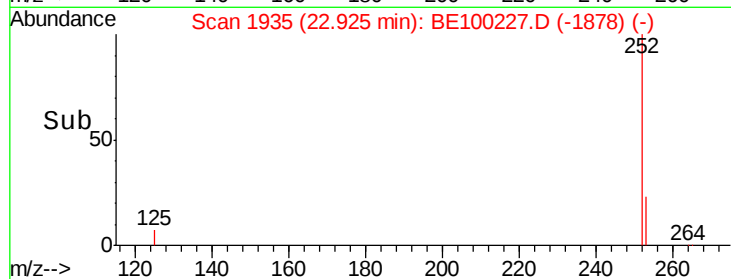
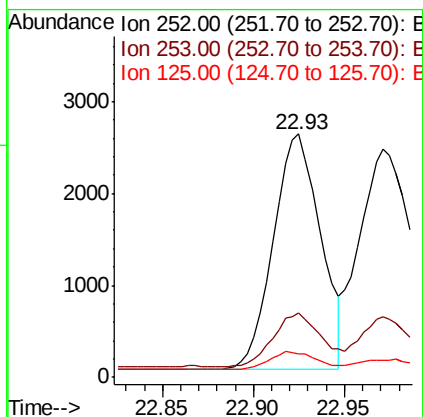
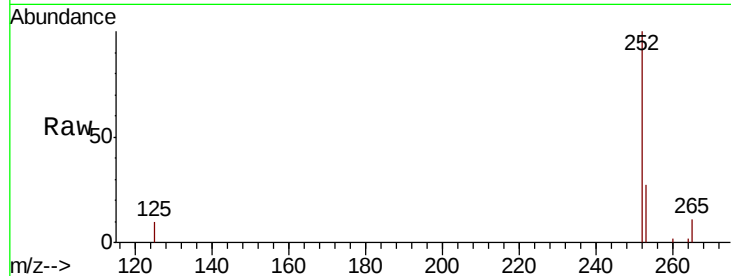




#35
Benzo(b)fluoranthene
Concen: 0.186 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

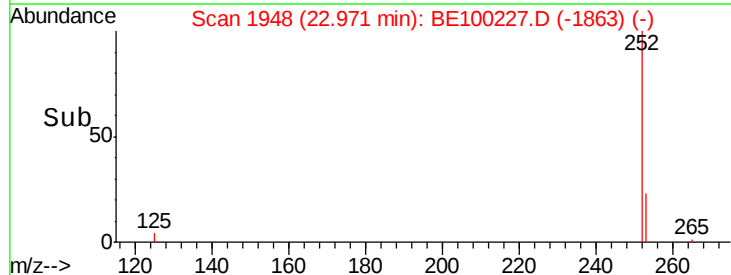
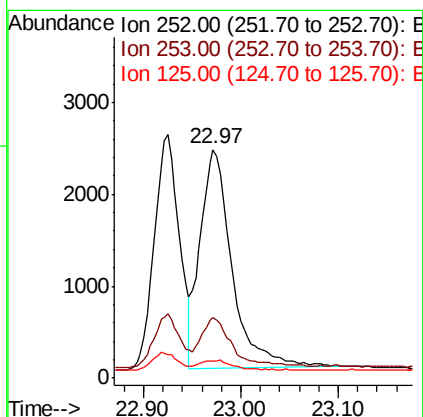
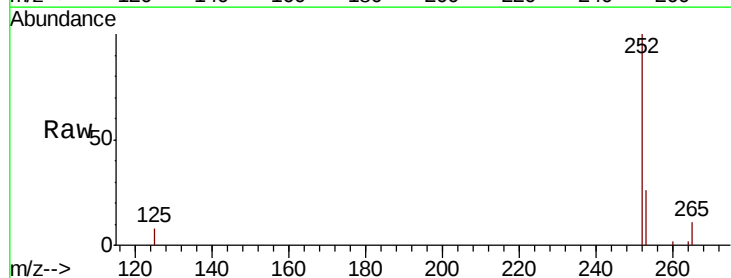
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 4603
Ion Ratio Lower Upper
252 100
253 26.6 19.2 28.8
125 9.8 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.183 ng
RT: 22.97 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:252 Resp: 5421
Ion Ratio Lower Upper
252 100
253 26.3 17.9 26.9
125 7.7 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 0.187 ng

RT: 23.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

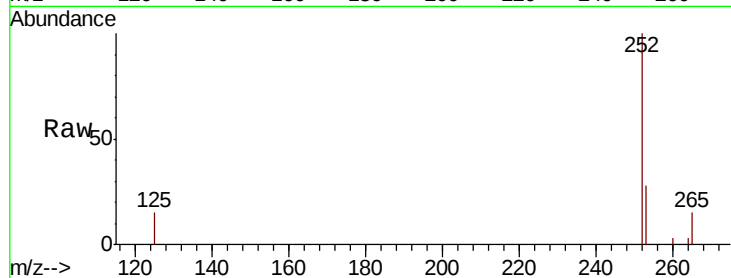
Tot Ion:252 Resp: 4803

Ion Ratio Lower Upper

252 100

253 27.9 19.6 29.4

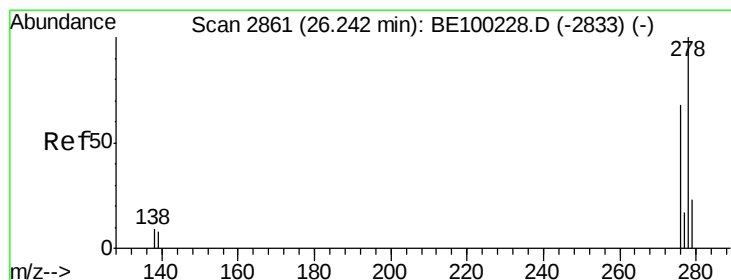
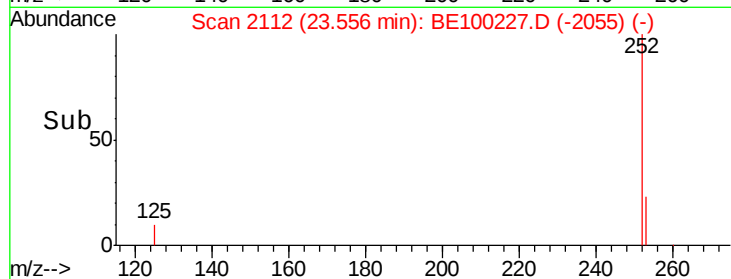
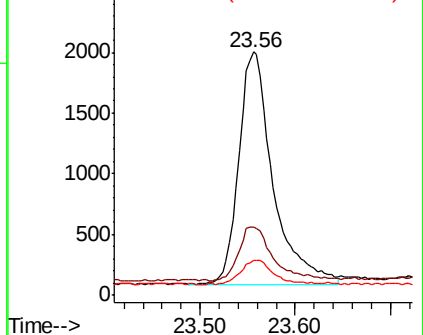
125 14.6 9.0 13.6#



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: 0.177 ng

RT: 26.25 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

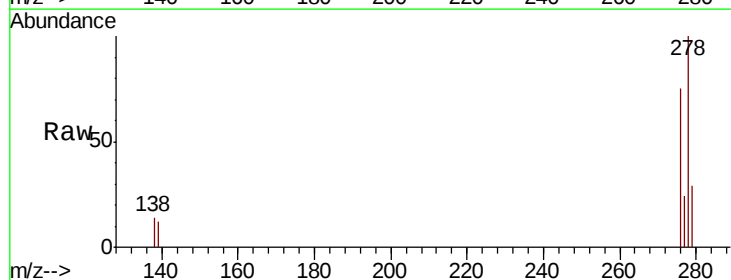
Tgt Ion:278 Resp: 4866

Ion Ratio Lower Upper

278 100

139 11.9 8.2 12.2

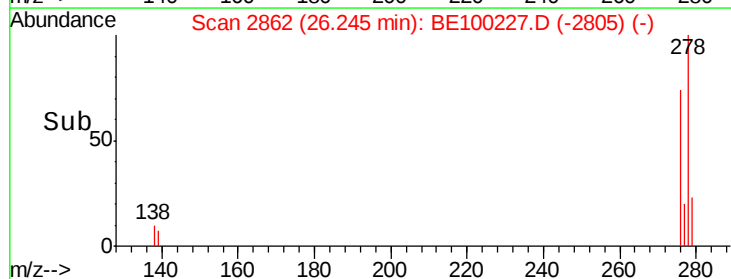
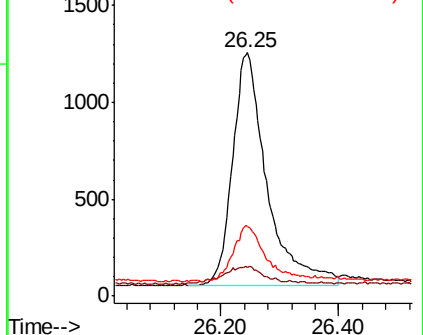
279 28.6 20.3 30.5



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(a,h,i)perylene

Concen: 0.177 ng

RT: 27.01 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA_E

ClientSampleId :

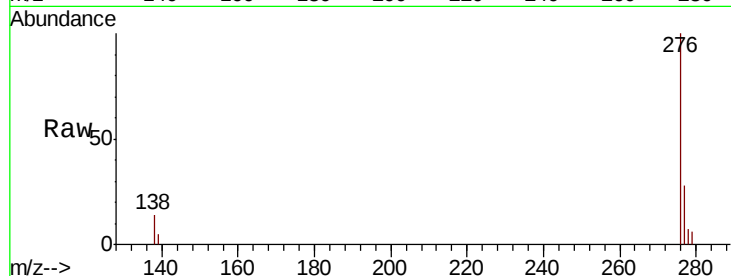
Tot Ion: 276 Resp: 5086

Ion Ratio Lower Upper

276 100

277 27.5 20.2 30.2

138 13.8 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

