

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
 Data File : BE100724.D
 Acq On : 14 Nov 2019 17:00
 Operator : JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 14 17:57:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 14 16:59:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1956	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	8514	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	5606	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	12717	0.40	ng	0.00
27) Chrysene-d12	21.29	240	17363	0.40	ng	0.00
34) Perylene-d12	23.73	264	18830	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	19206	3.18	ng	0.00
5) Phenol-d6	6.94	99	27510	3.23	ng	0.00
8) Nitrobenzene-d5	8.91	82	25165	4.77	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	44943	3.35	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	3434	2.32	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	67408	3.30	ng	0.00
25) Fluoranthene-d10	19.16	212	580421	3.54	ng	0.00
29) Terphenyl-d14	19.76	244	137930	3.63	ng	0.00

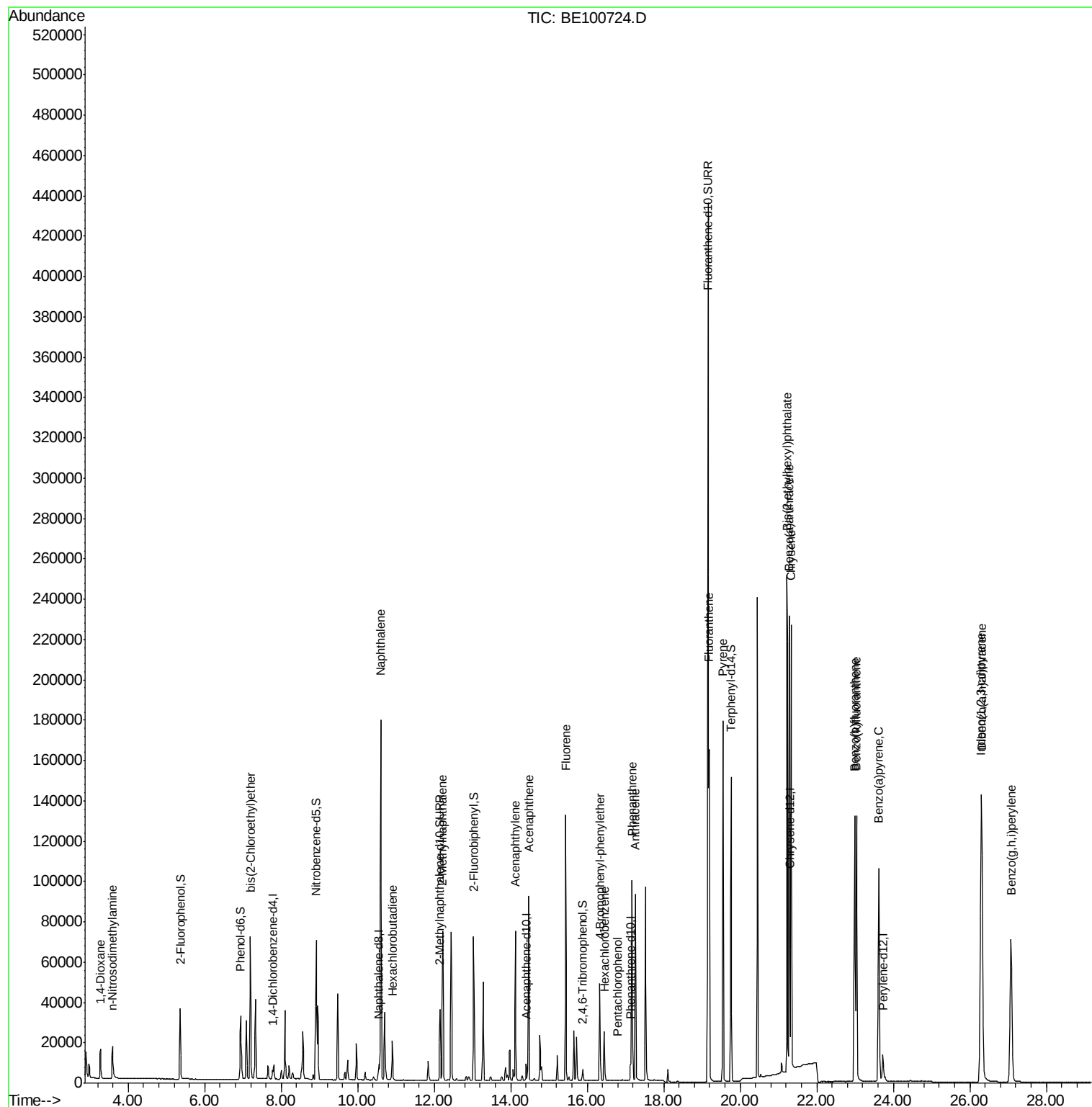
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	10618	3.042	ng	95
3) n-Nitrosodimethylamine	3.58	42	11734	3.179	ng	# 96
6) bis(2-Chloroethyl)ether	7.19	93	23670	3.386	ng	97
9) Naphthalene	10.60	128	285171	3.185	ng	99
10) Hexachlorobutadiene	10.90	225	13265	3.410	ng	98
12) 2-Methylnaphthalene	12.22	142	50493	3.309	ng	95
16) Acenaphthylene	14.13	152	80853	3.352	ng	98
17) Acenaphthene	14.47	154	49843	3.197	ng	99
18) Fluorene	15.43	166	68534	3.310	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	23045	3.561	ng	96
21) Hexachlorobenzene	16.45	284	22552	3.658	ng	97
22) Pentachlorophenol	16.79	266	6	0.003	ng	97
23) Phenanthrene	17.17	178	117336	3.354	ng	99
24) Anthracene	17.26	178	110620	3.408	ng	99
26) Fluoranthene	19.18	202	160116	3.507	ng	99
28) Pyrene	19.55	202	161607	3.331	ng	100
30) Benzo(a)anthracene	21.28	228	185420	3.274	ng	100
31) Chrysene	21.33	228	185287	3.273	ng	100
32) Bis(2-ethylhexyl)phthalate	21.22	149	327027	2.761	ng	99
33) Indeno(1,2,3-cd)pyrene	26.29	276	216575	3.113	ng	99
35) Benzo(b)fluoranthene	22.99	252	187078	3.407	ng	98
36) Benzo(k)fluoranthene	23.04	252	191610	3.393	ng	97
37) Benzo(a)pyrene	23.62	252	173572	3.396	ng	97
38) Dibenzo(a,h)anthracene	26.31	278	181096	3.428	ng	97
39) Benzo(g,h,i)perylene	27.08	276	174664	3.288	ng	98

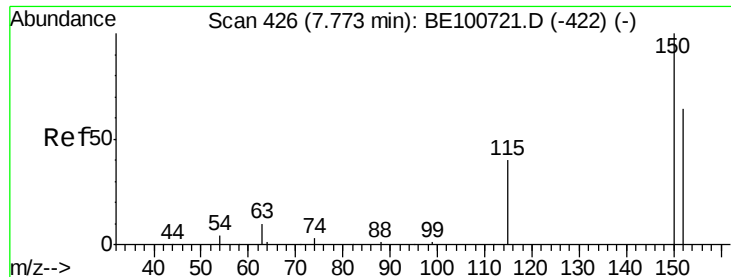
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.77 min Scan# 426

Delta R.T. -0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampled :

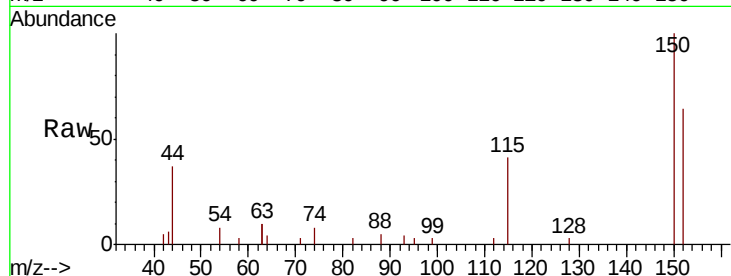
Tot Ion:152 Resp: 1956

Ion Ratio Lower Upper

152 100

150 157.4 123.4 185.0

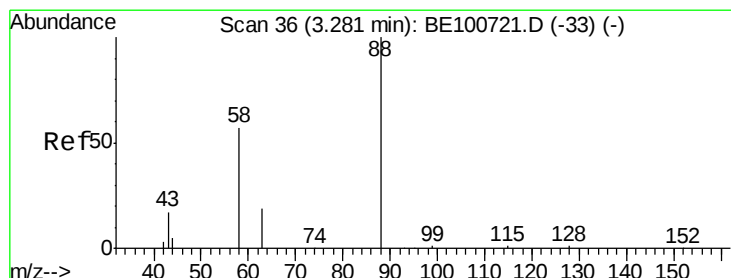
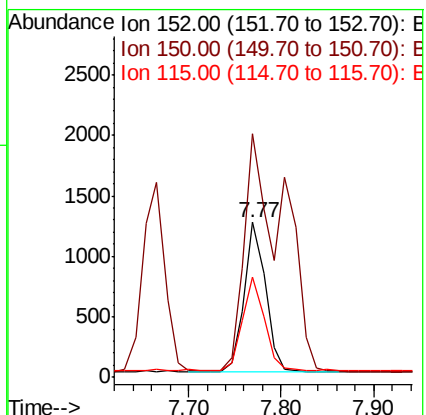
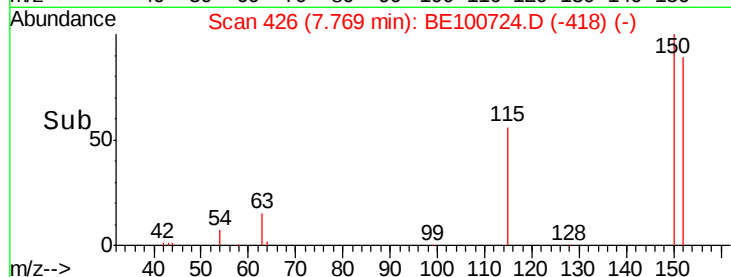
115 64.8 52.1 78.1



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: 3.042 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

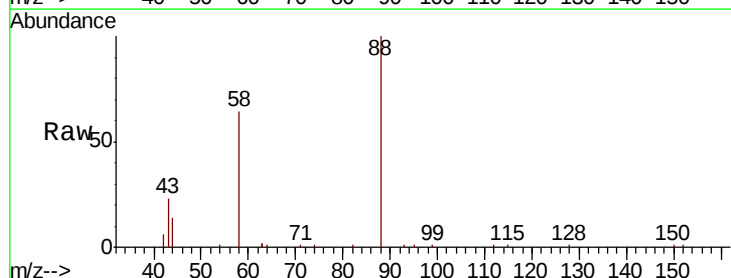
Tgt Ion: 88 Resp: 10618

Ion Ratio Lower Upper

88 100

58 82.0 69.8 104.8

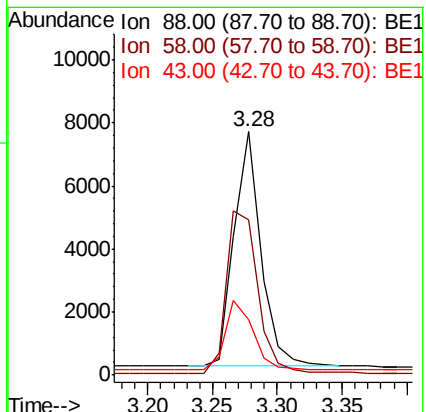
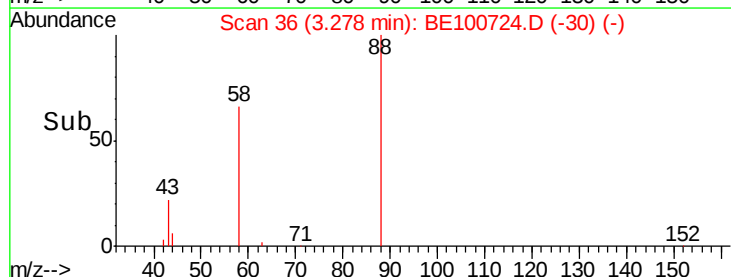
43 31.1 27.0 40.4

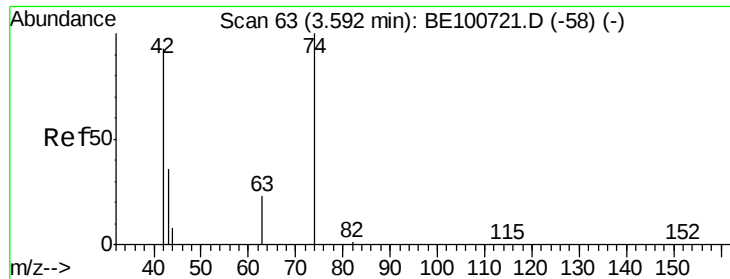


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



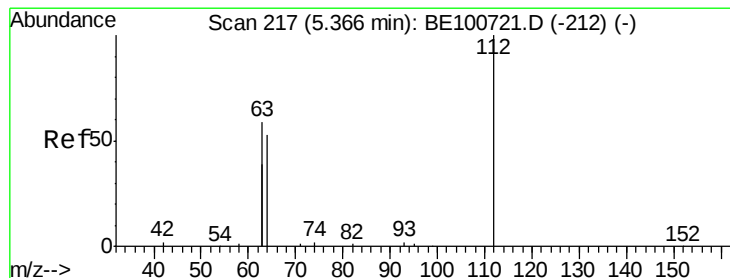
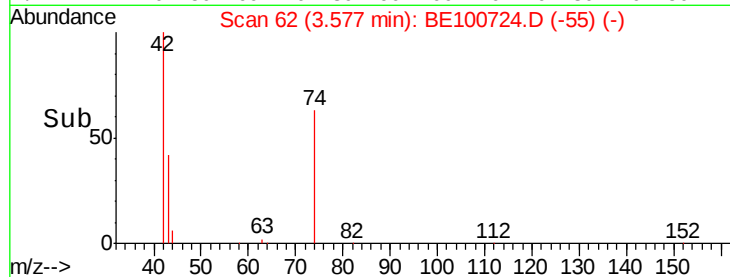
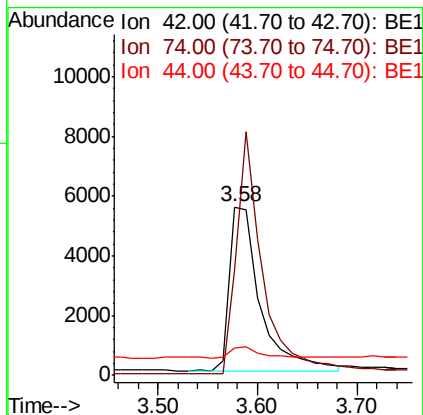
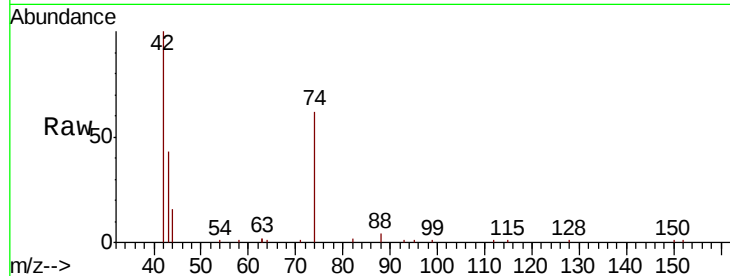


#3

n-Nitrosodimethylamine
 Concen: 3.179 ng
 RT: 3.58 min Scan# 62
 Delta R.T. -0.01 min
 Lab File: BE100724.D
 Acq: 14 Nov 2019 17:00

Instrument :
 BNA_E
 ClientSampleId :

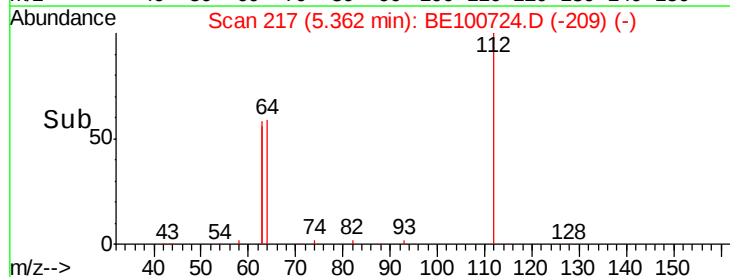
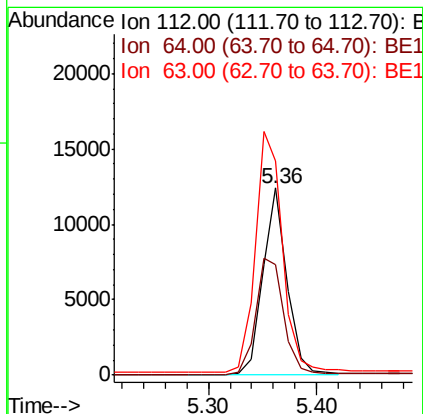
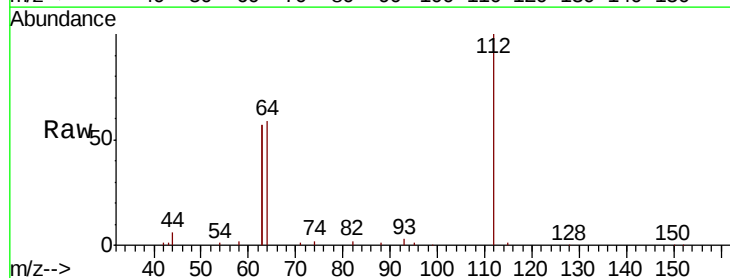
Tot Ion: 42 Resp: 11734
 Ion Ratio Lower Upper
 42 100
 74 126.8 99.7 149.5
 44 7.0 11.8 17.8#

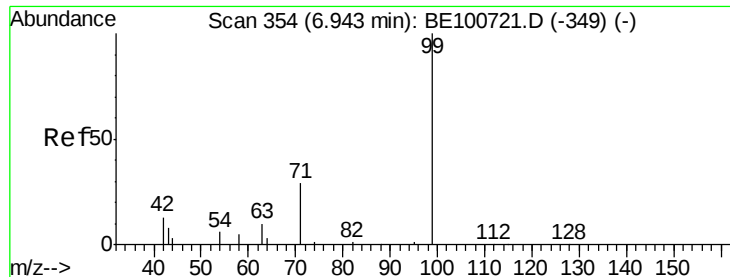


#4

2-Fluorophenol
 Concen: 3.180 ng
 RT: 5.36 min Scan# 217
 Delta R.T. -0.00 min
 Lab File: BE100724.D
 Acq: 14 Nov 2019 17:00

Tgt Ion: 112 Resp: 19206
 Ion Ratio Lower Upper
 112 100
 64 71.6 58.3 87.5
 63 143.7 115.4 173.2





#5

Phenol-d6

Concen: 3.230 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

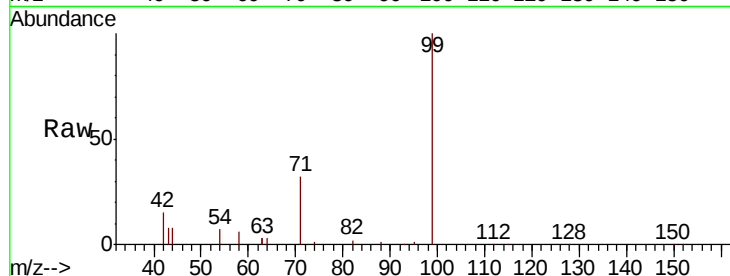
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 27510

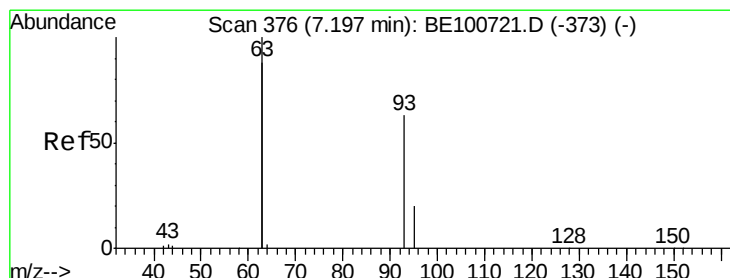
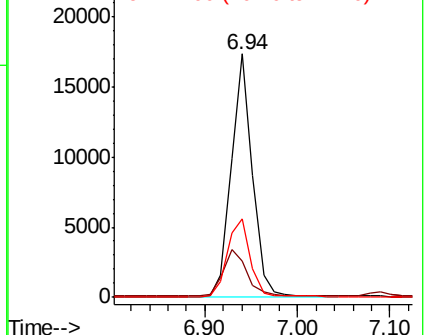
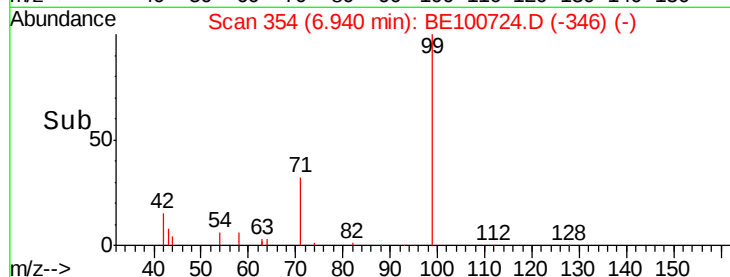
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.6
71	34.5	27.3	40.9



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: 3.386 ng

RT: 7.19 min Scan# 376

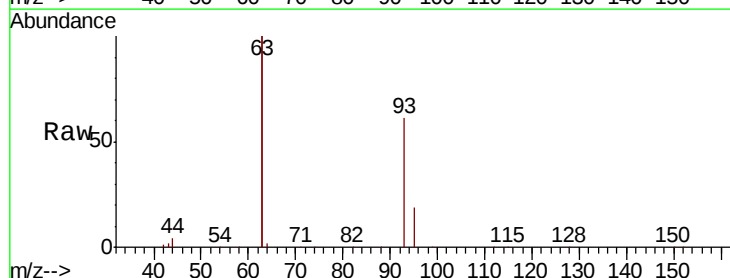
Delta R.T. -0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Tgt Ion: 93 Resp: 23670

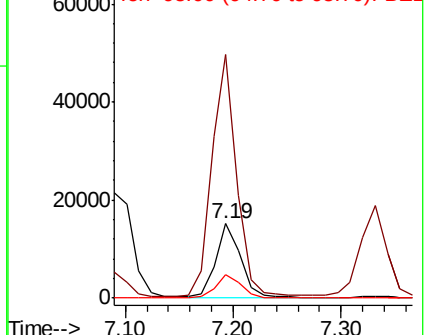
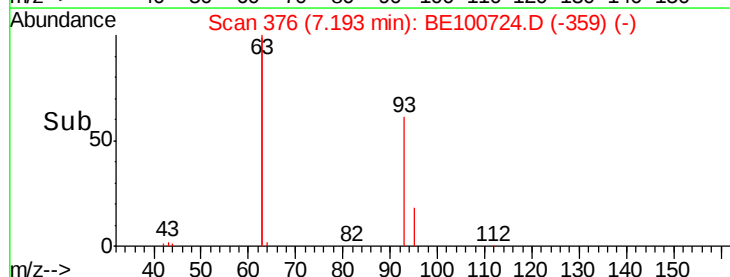
Ion	Ratio	Lower	Upper
93	100		
63	333.1	260.7	391.1
95	31.4	24.2	36.2

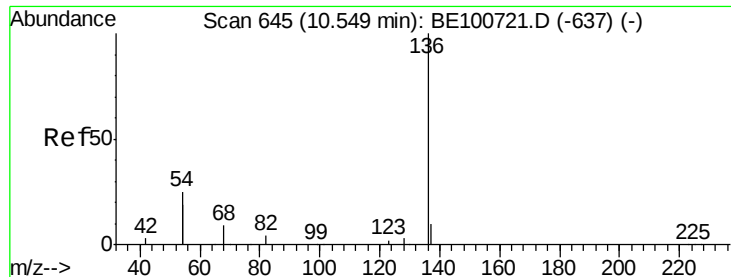


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.55 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 8514

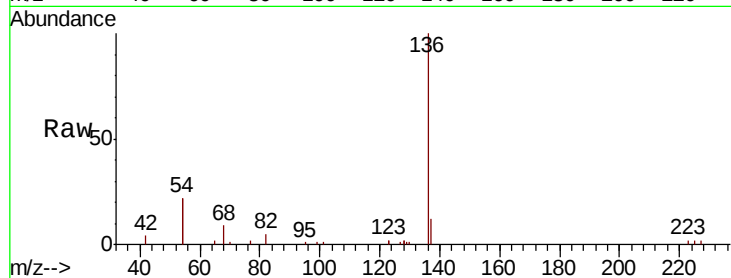
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 43.0 39.0 58.6

68 8.8 7.8 11.8

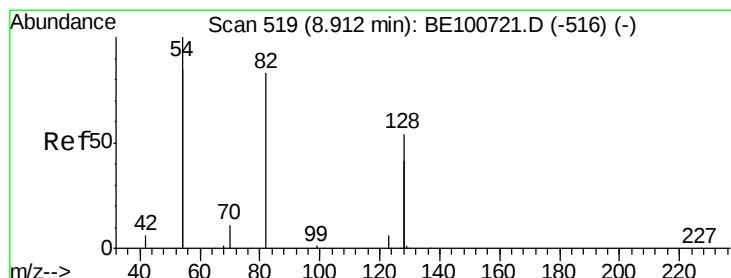
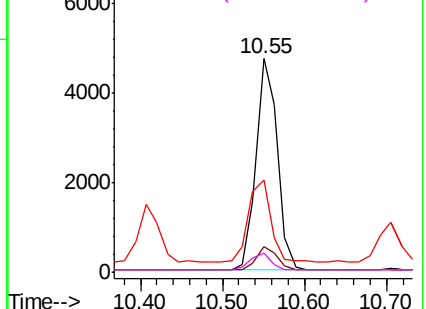
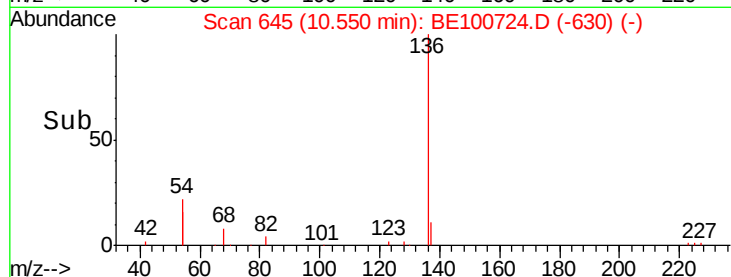


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 4.769 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

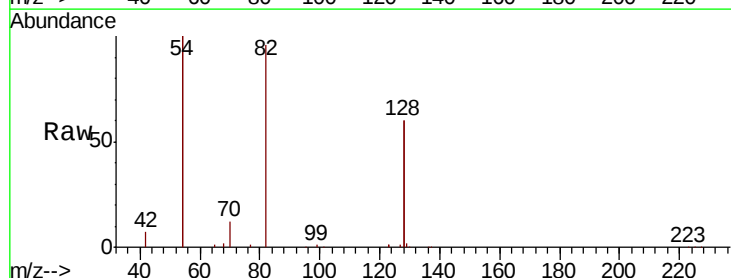
Tgt Ion: 82 Resp: 25165

Ion Ratio Lower Upper

82 100

128 124.7 99.6 149.4

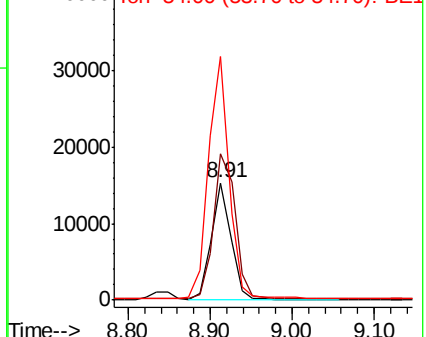
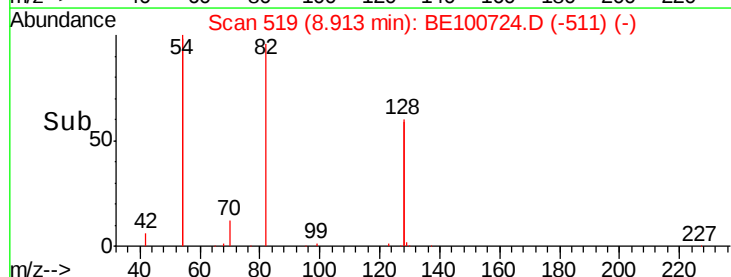
54 208.1 183.8 275.8

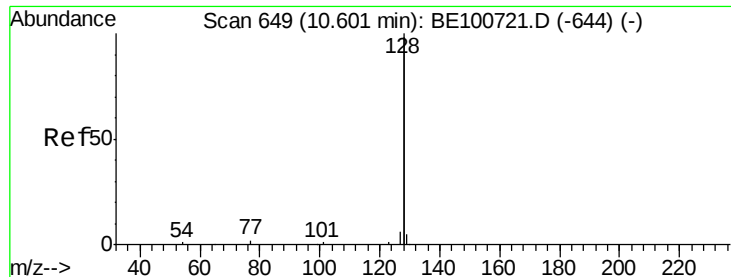


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 3.185 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampleId :

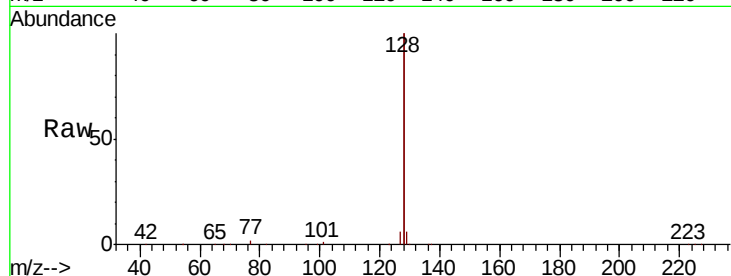
Tot Ion:128 Resp: 285171

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

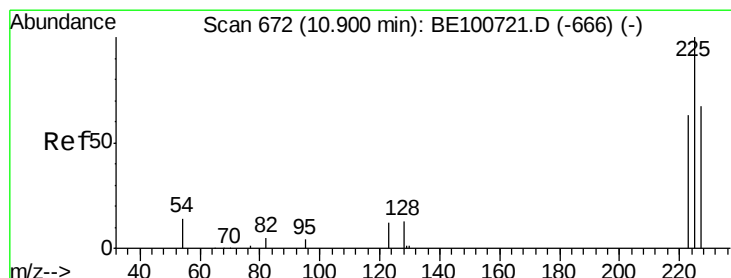
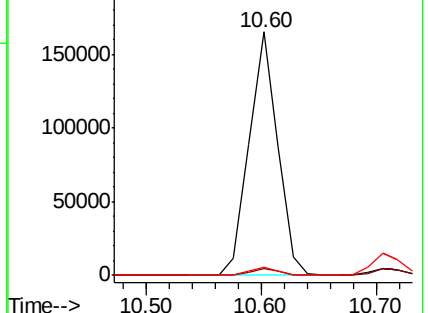
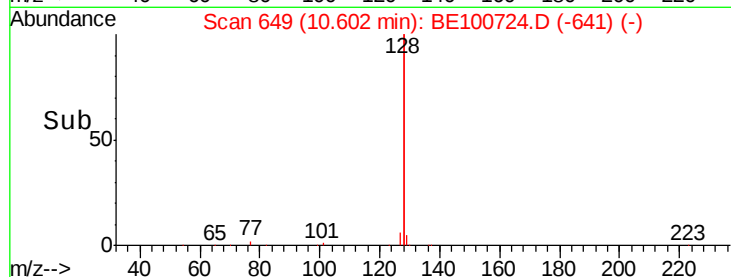
127 3.2 2.7 4.1



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: 3.410 ng

RT: 10.90 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

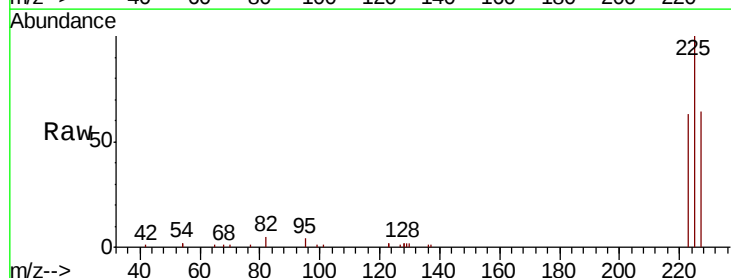
Tgt Ion:225 Resp: 13265

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

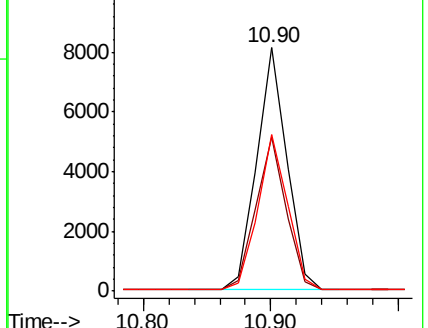
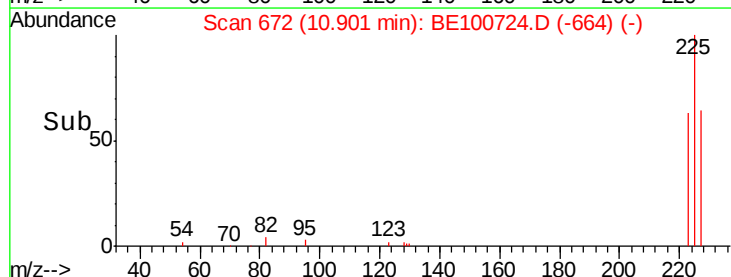
227 63.6 53.0 79.6

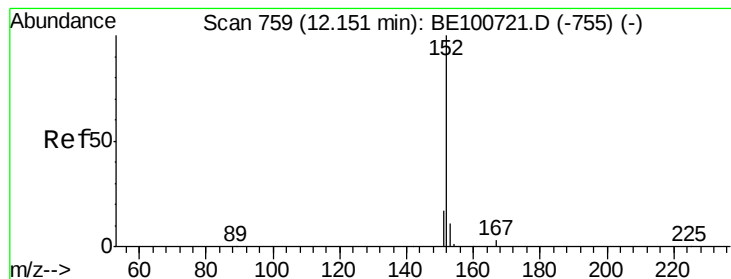


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.347 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

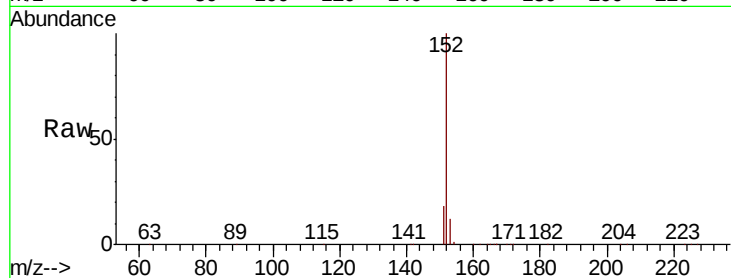
ClientSampleId :

Tot Ion:152 Resp: 44943

Ion Ratio Lower Upper

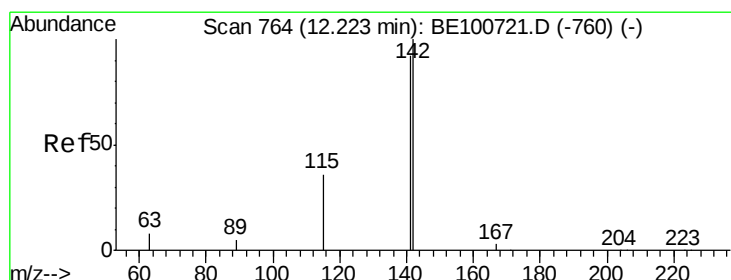
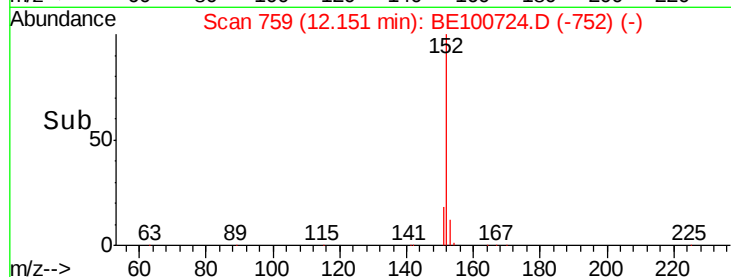
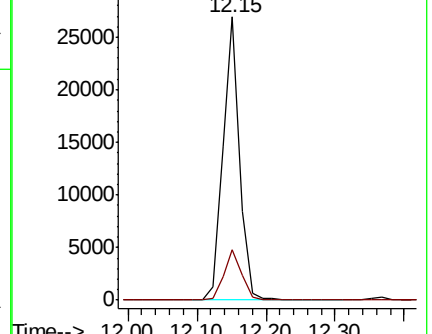
152 100

151 19.1 14.2 21.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.309 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

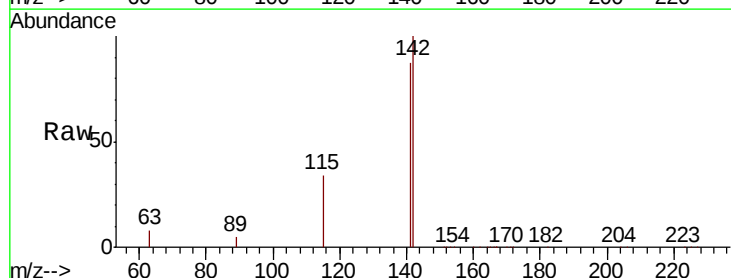
Tgt Ion:142 Resp: 50493

Ion Ratio Lower Upper

142 100

141 87.4 73.3 109.9

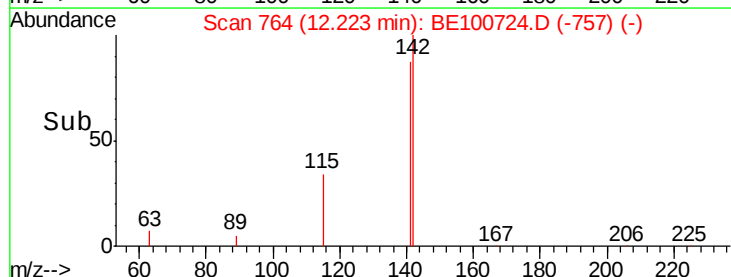
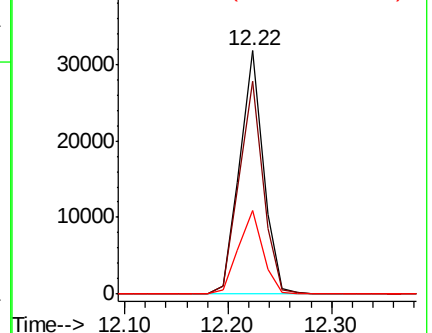
115 34.3 29.9 44.9

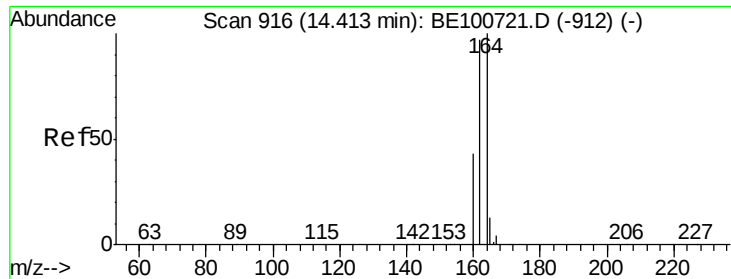


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.40 min Scan# 915

Delta R.T. -0.01 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampleId :

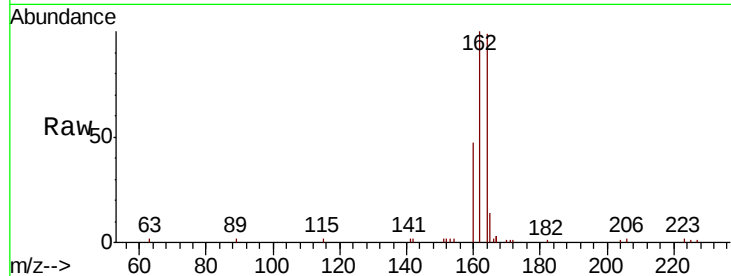
Tot Ion:164 Resp: 5606

Ion Ratio Lower Upper

164 100

162 101.1 77.8 116.8

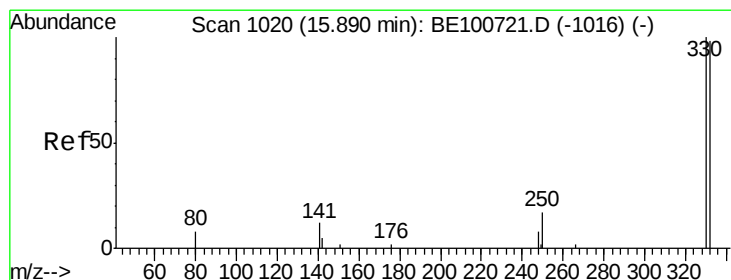
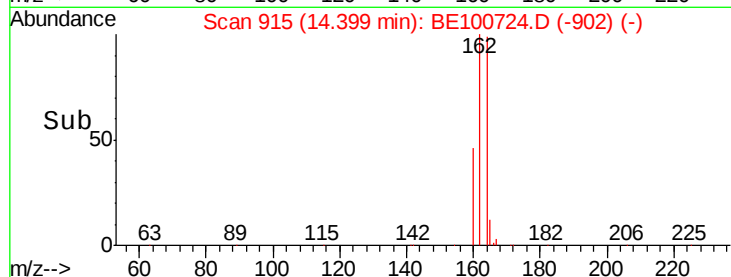
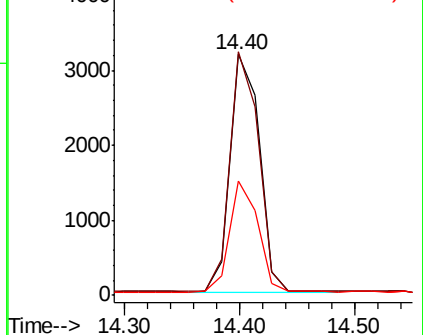
160 47.4 35.3 52.9



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: 2.318 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

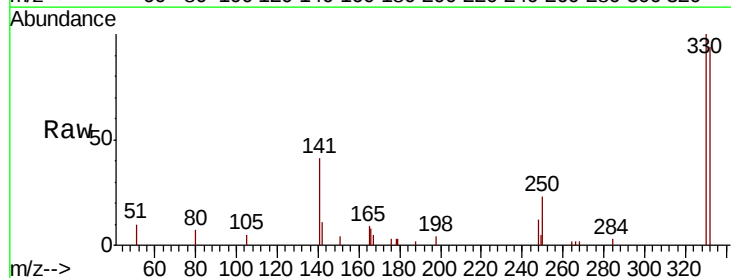
Tgt Ion:330 Resp: 3434

Ion Ratio Lower Upper

330 100

332 97.9 85.0 127.6

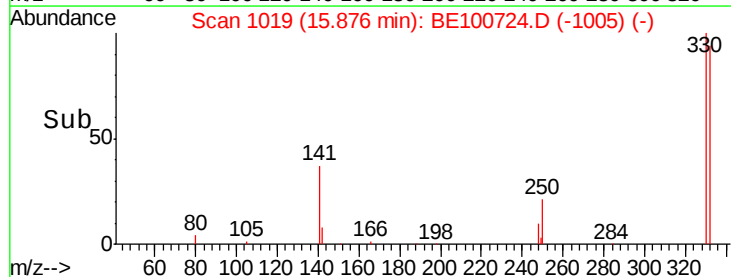
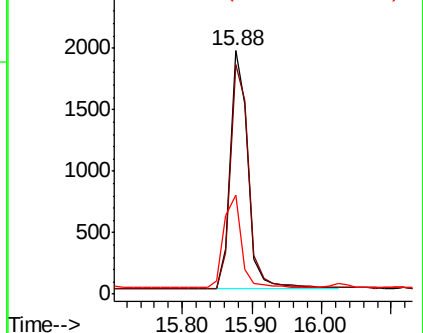
141 38.6 28.2 42.2

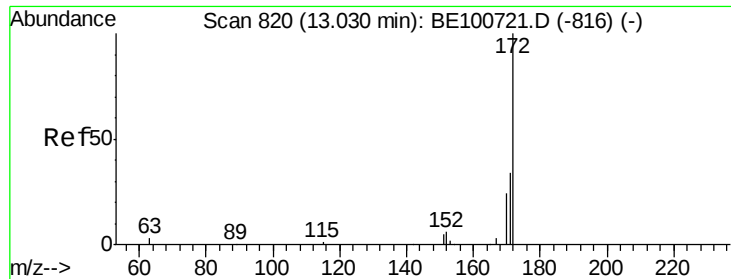


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

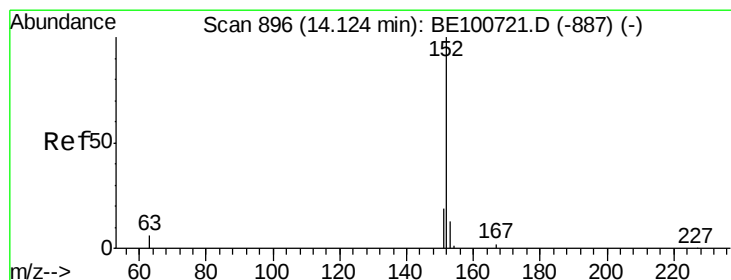
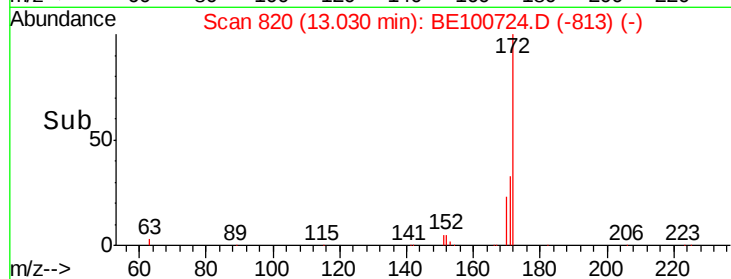
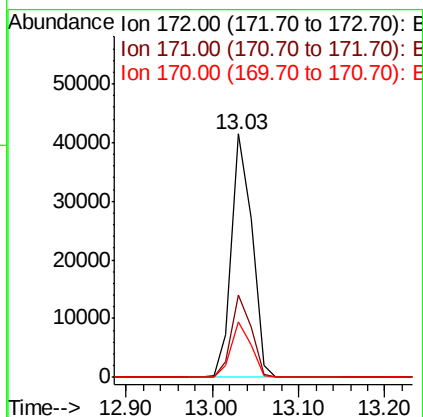
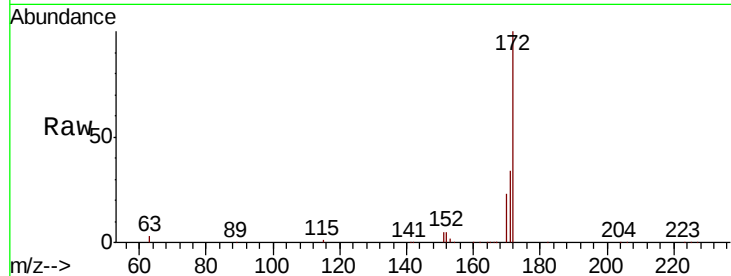




#15
2-Fluorobiphenyl
Concen: 3.300 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

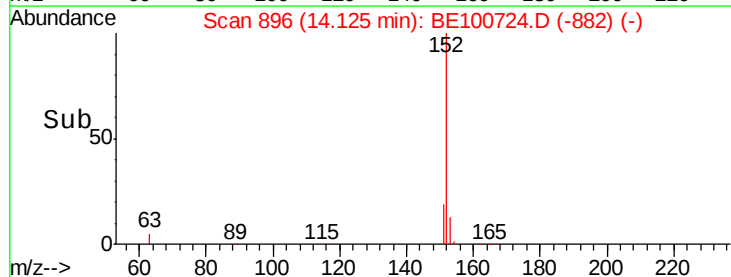
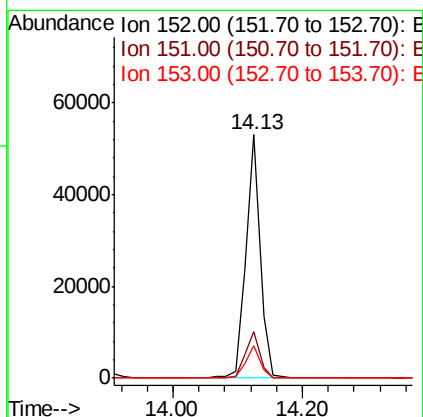
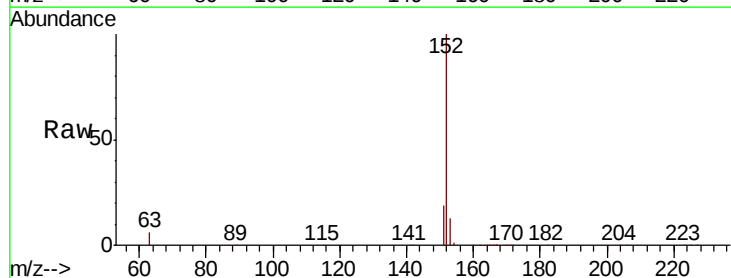
Instrument :
BNA_E
ClientSampled :

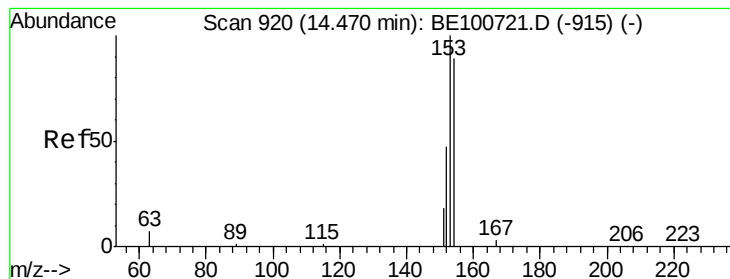
Tot Ion:172 Resp: 67408
Ion Ratio Lower Upper
172 100
171 33.6 28.1 42.1
170 22.9 19.8 29.6



#16
Acenaphthylene
Concen: 3.352 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:152 Resp: 80853
Ion Ratio Lower Upper
152 100
151 19.6 14.9 22.3
153 13.1 10.7 16.1





#17

Acenaphthene

Concen: 3.197 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampleId :

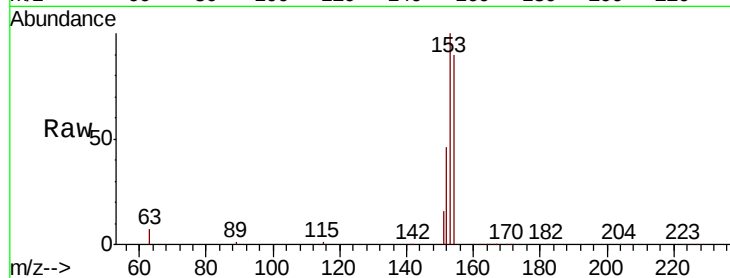
Tot Ion:154 Resp: 49843

Ion Ratio Lower Upper

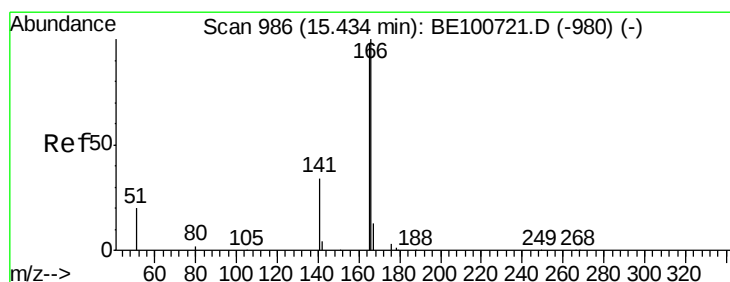
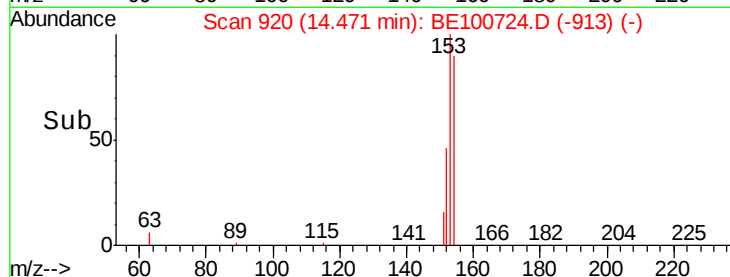
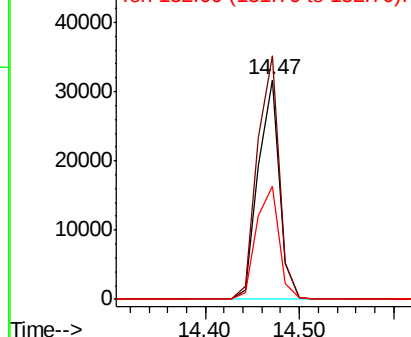
154 100

153 113.9 91.9 137.9

152 54.9 44.8 67.2



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: 3.310 ng

RT: 15.43 min Scan# 986

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

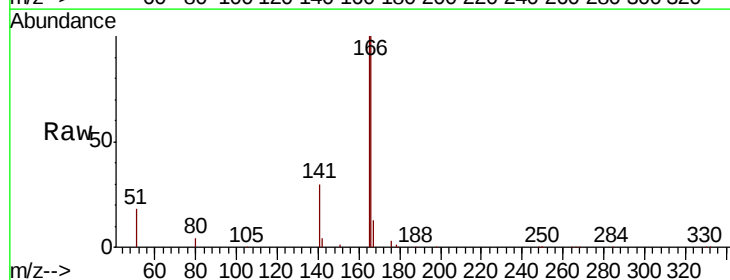
Tgt Ion:166 Resp: 68534

Ion Ratio Lower Upper

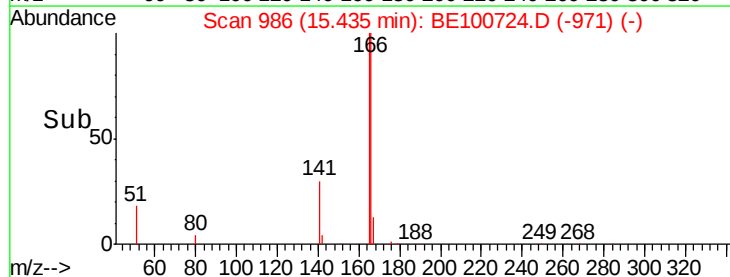
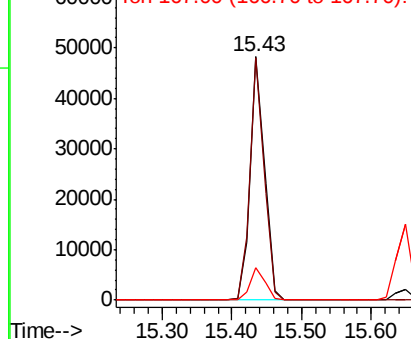
166 100

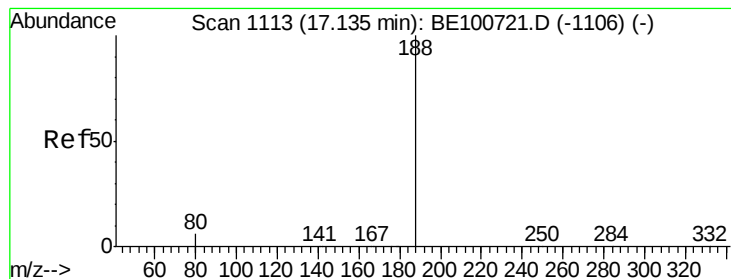
165 98.6 78.2 117.4

167 13.5 10.6 16.0



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: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampleId :

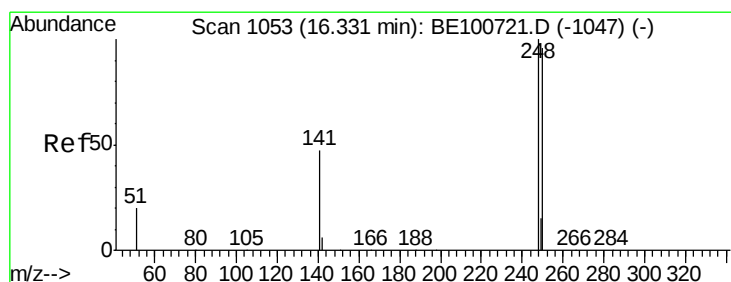
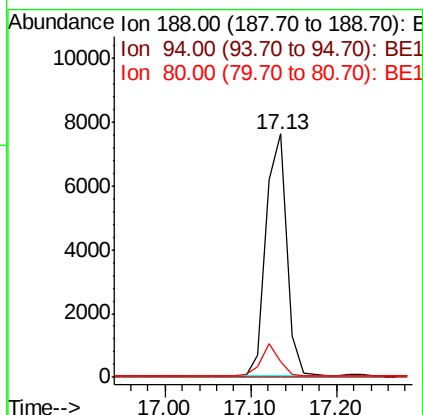
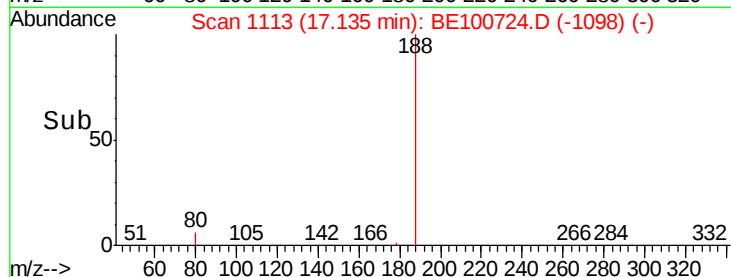
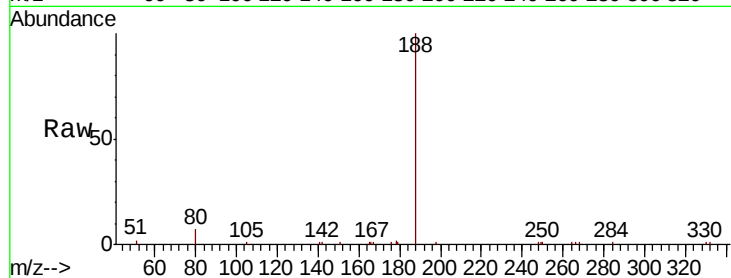
Tot Ion:188 Resp: 12717

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.7 5.4 8.0



#20

4-Bromophenyl-phenylether

Concen: 3.561 ng

RT: 16.33 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

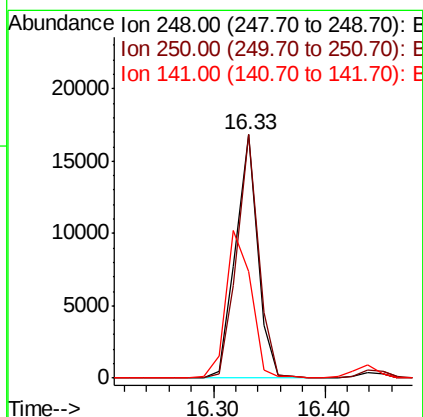
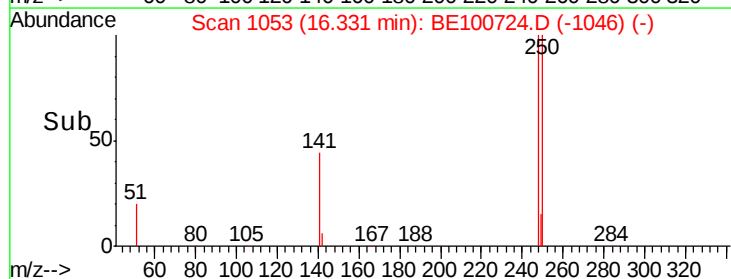
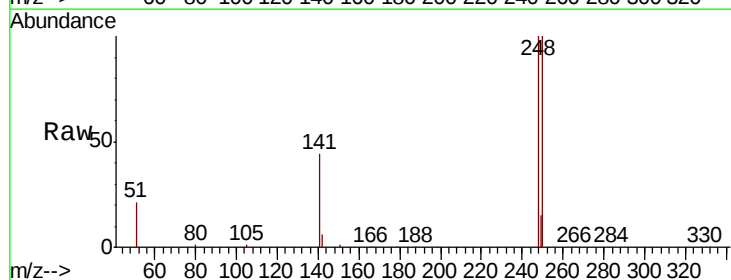
Tgt Ion:248 Resp: 23045

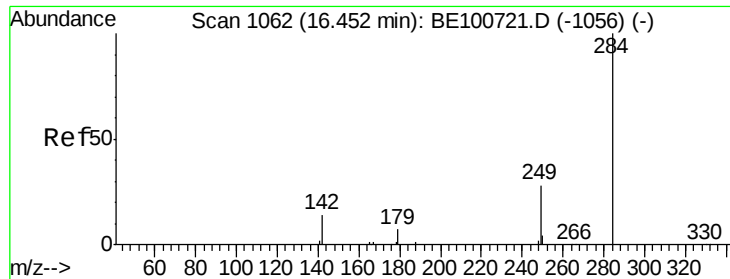
Ion Ratio Lower Upper

248 100

250 99.8 77.1 115.7

141 44.1 38.6 58.0





#21

Hexachlorobenzene

Concen: 3.658 ng

RT: 16.45 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampleId :

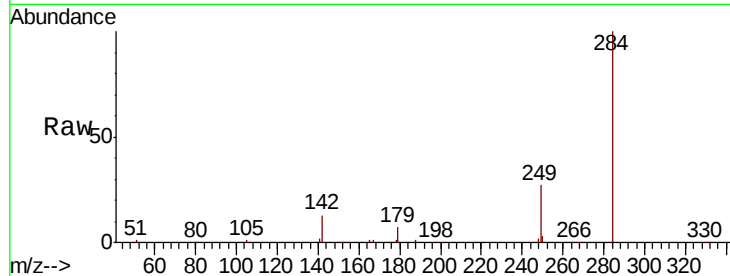
Tot Ion:284 Resp: 22552

Ion Ratio Lower Upper

284 100

142 33.2 28.2 42.2

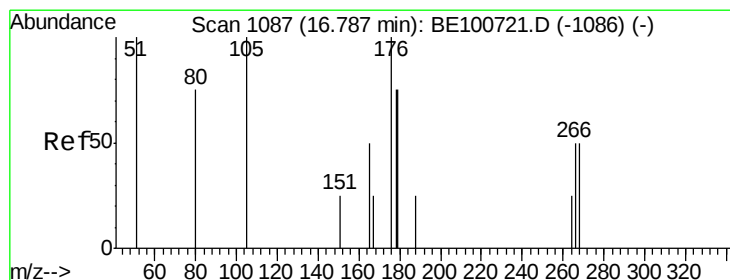
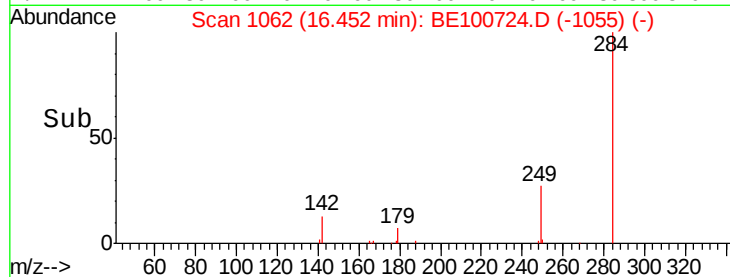
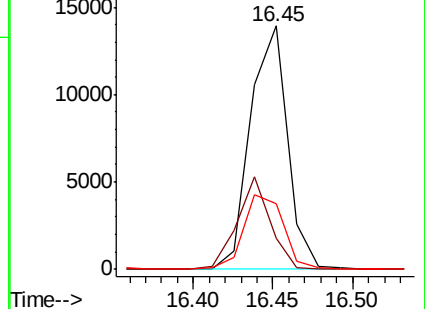
249 32.2 26.5 39.7



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: 0.003 ng

RT: 16.79 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

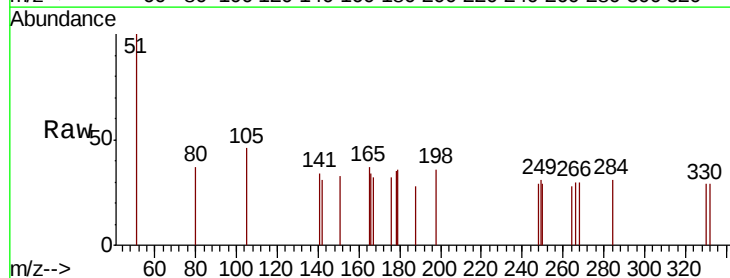
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.9 75.0 112.6

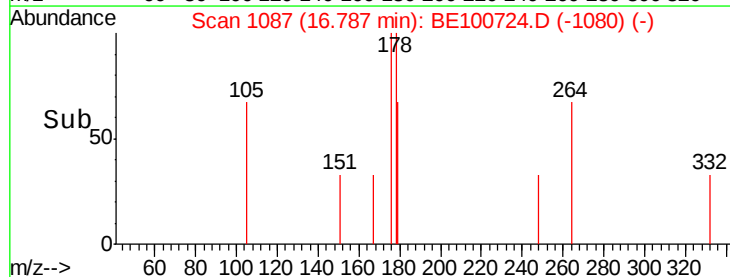
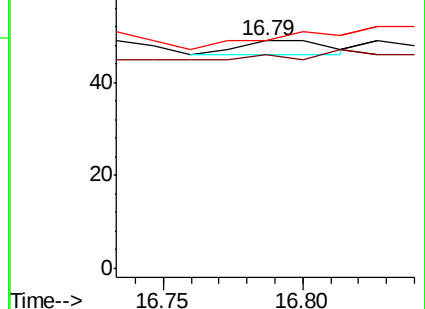
268 100.0 85.0 127.6

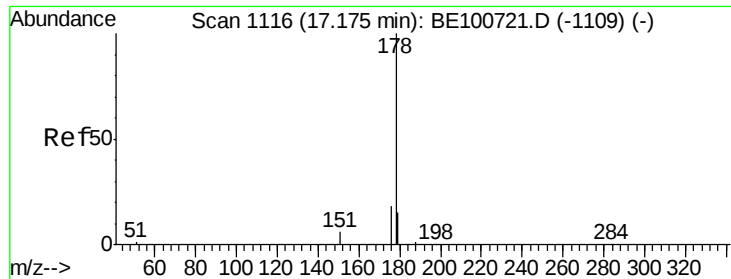


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.354 ng

RT: 17.17 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampleId :

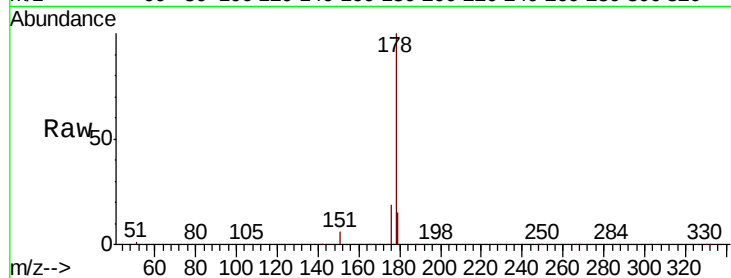
Tot Ion:178 Resp: 117336

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

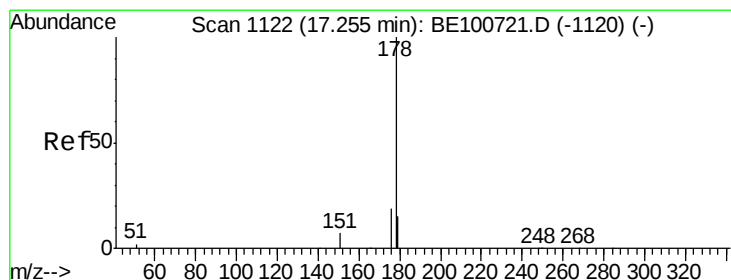
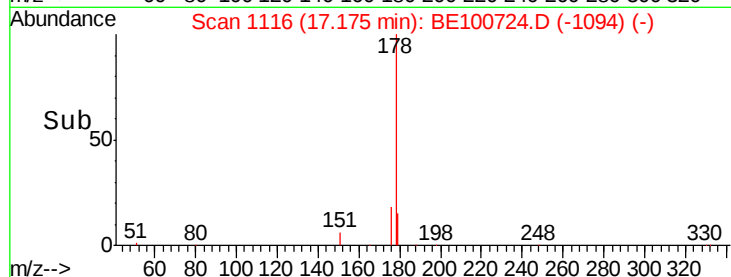
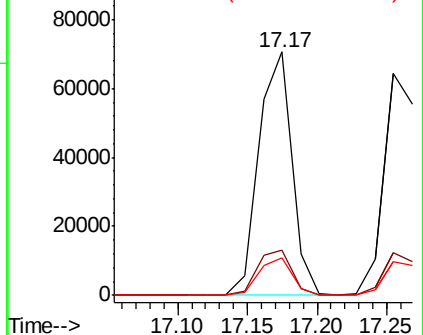
179 15.2 12.6 18.8



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: 3.408 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

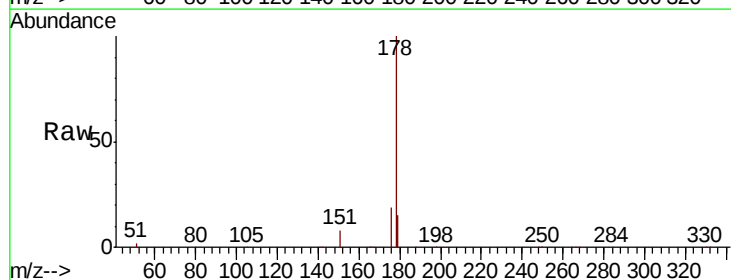
Tgt Ion:178 Resp: 110620

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

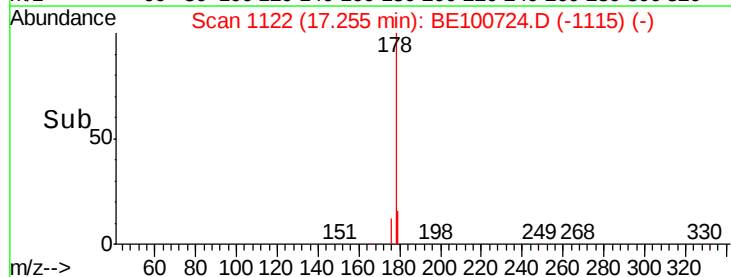
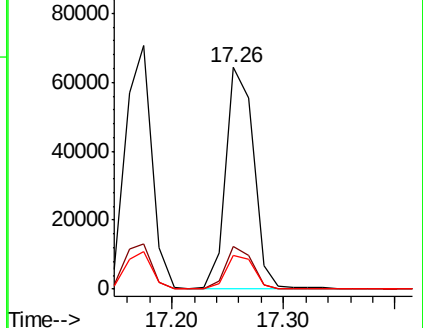
179 15.3 12.6 18.8

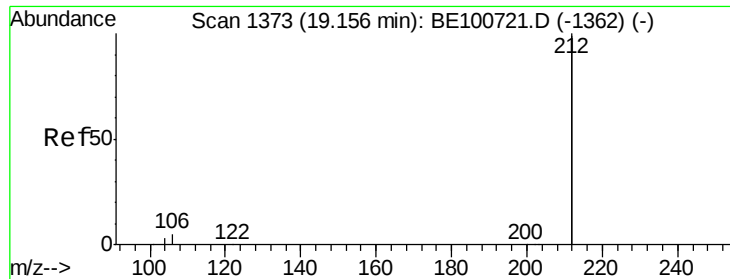


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

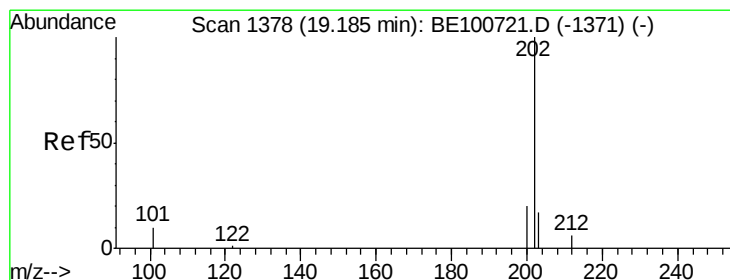
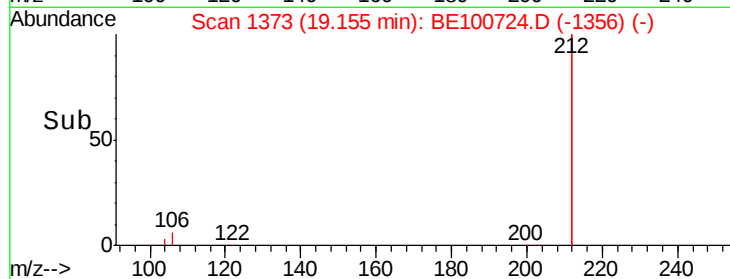
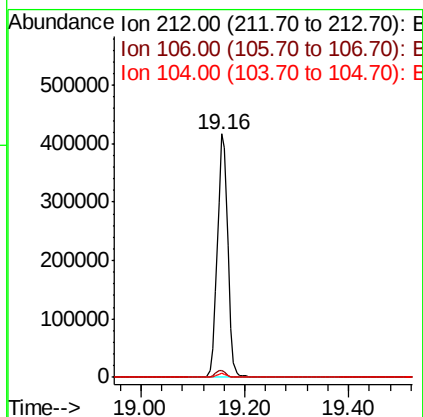
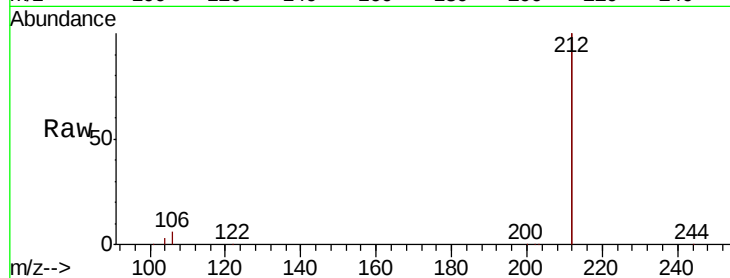




#25
 Fluoranthene-d10
 Concen: 3.537 ng
 RT: 19.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BE100724.D
 Acq: 14 Nov 2019 17:00

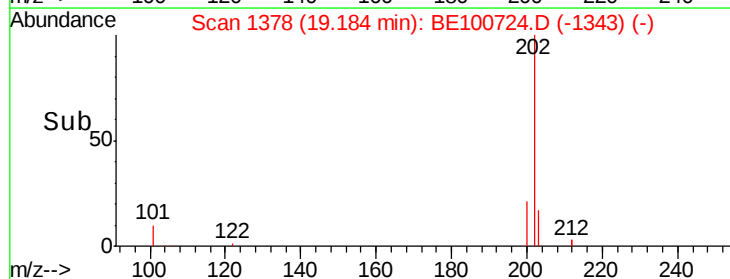
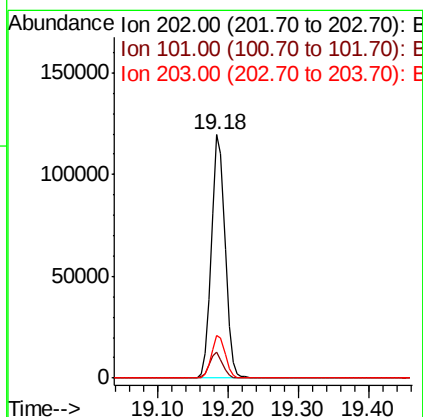
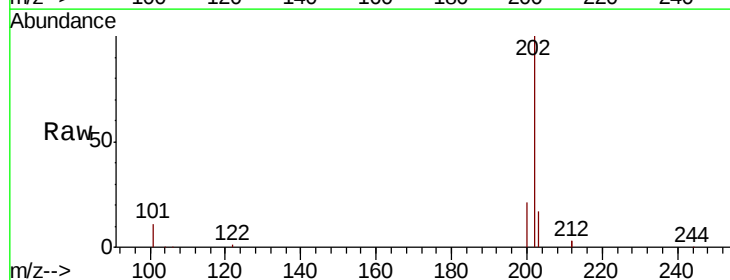
Instrument :
 BNA_E
 ClientSampled :

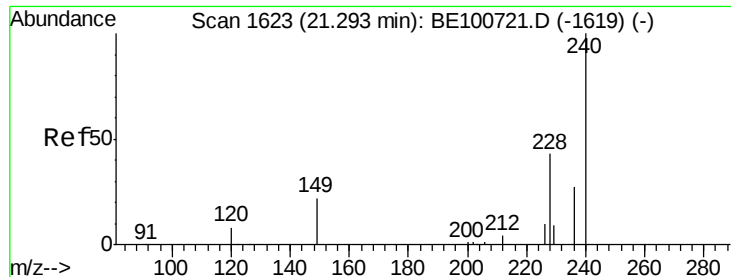
Tot Ion:212 Resp: 580421
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.4
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 3.507 ng
 RT: 19.18 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BE100724.D
 Acq: 14 Nov 2019 17:00

Tgt Ion:202 Resp: 160116
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.6 12.8
 203 17.5 13.6 20.4

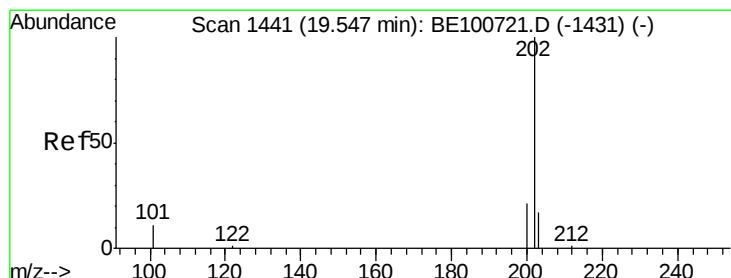
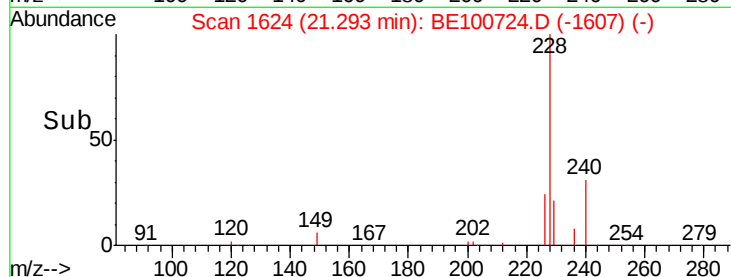
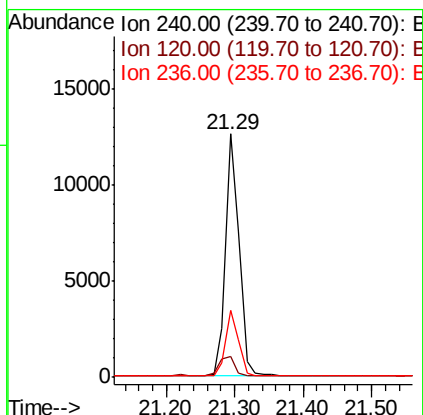
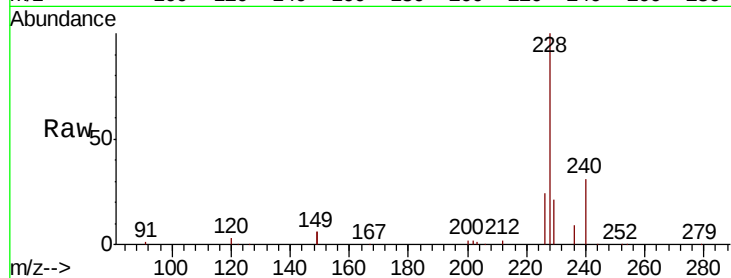




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE100724.D
 Acq: 14 Nov 2019 17:00

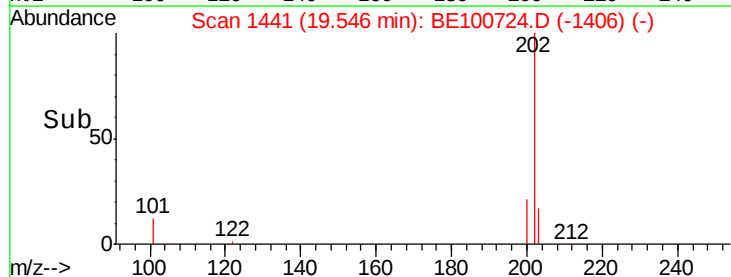
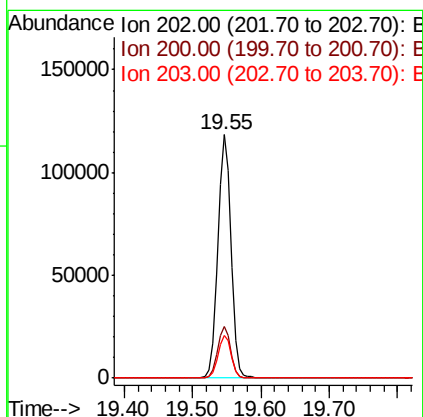
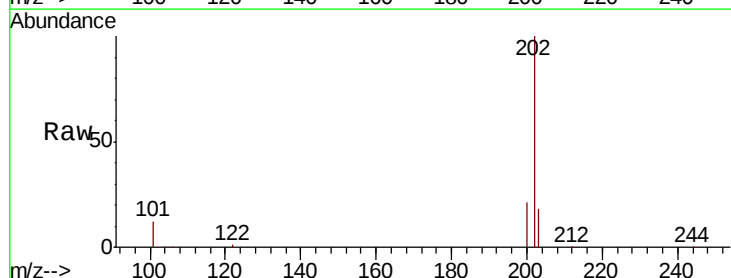
Instrument :
 BNA_E
 ClientSampleId :

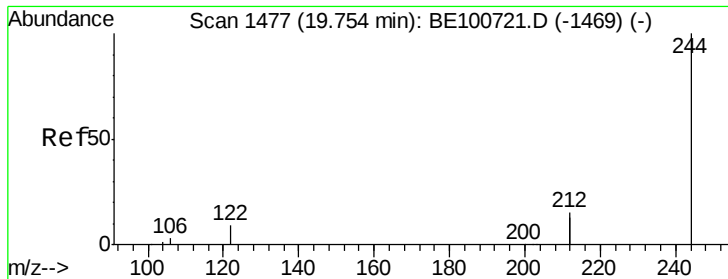
Tot Ion:240 Resp: 17363
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.4 11.0
 236 27.3 21.8 32.6



#28
 Pyrene
 Concen: 3.331 ng
 RT: 19.55 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BE100724.D
 Acq: 14 Nov 2019 17:00

Tgt Ion:202 Resp: 161607
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.0 25.4
 203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 3.633 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampleId :

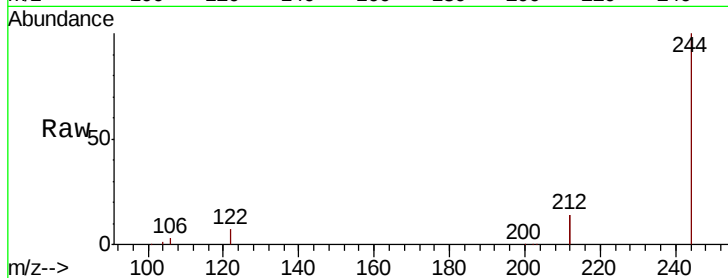
Tot Ion:244 Resp: 137930

Ion Ratio Lower Upper

244 100

212 27.3 24.3 36.5

122 7.4 7.6 11.4#

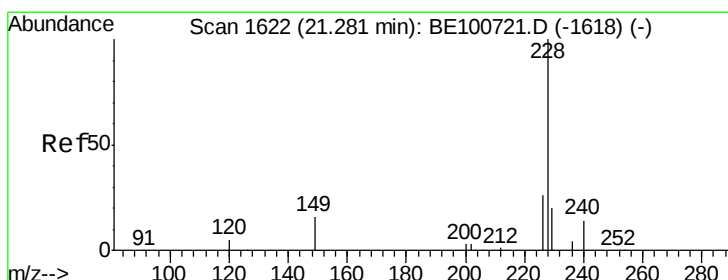
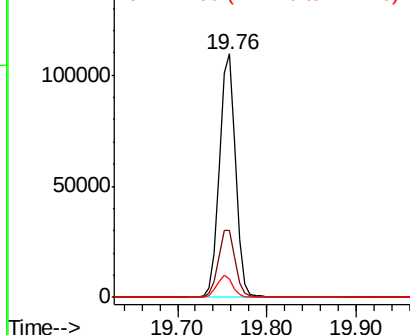
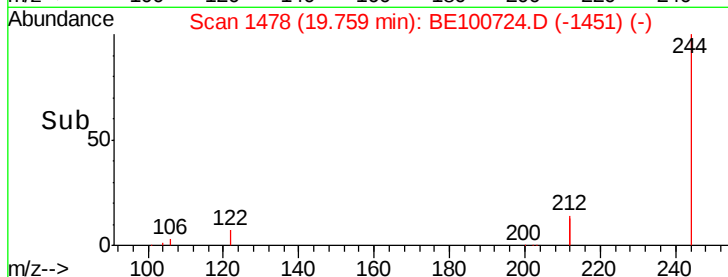


Abundance

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: 3.274 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

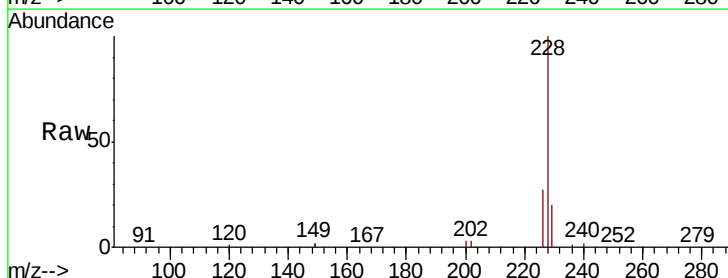
Tgt Ion:228 Resp: 185420

Ion Ratio Lower Upper

228 100

226 26.6 21.1 31.7

229 20.0 15.9 23.9

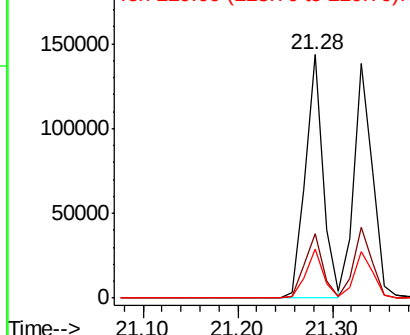
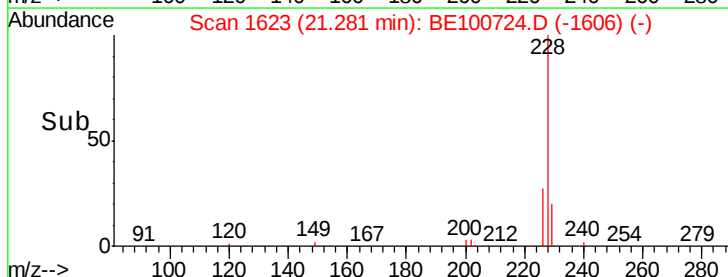


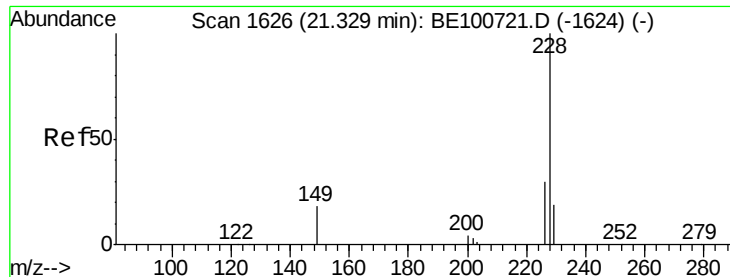
Abundance

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: 3.273 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

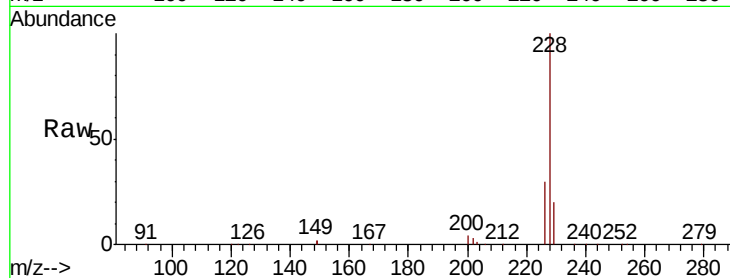
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 185287

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.5	15.5	23.3

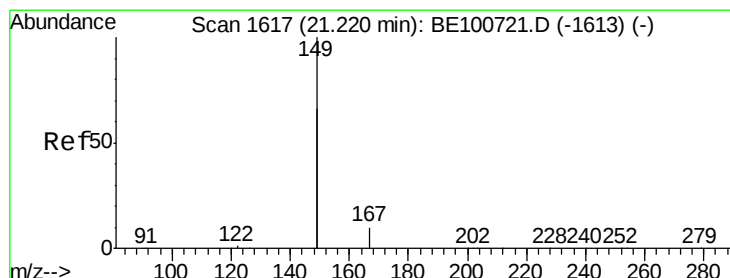
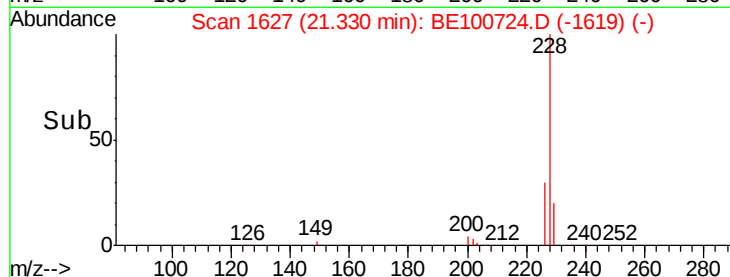
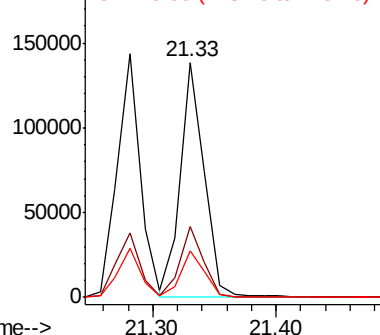


Abundance

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: 2.761 ng

RT: 21.22 min Scan# 1618

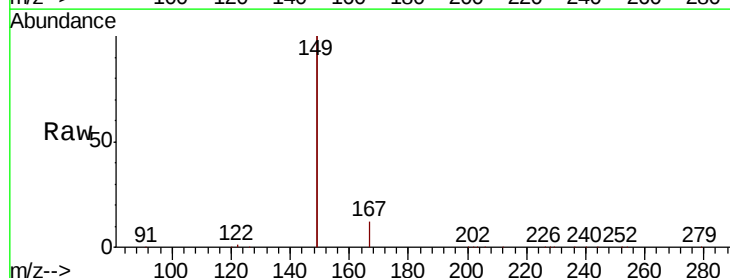
Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Tgt Ion:149 Resp: 327027

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.2	7.8
279	1.1	0.9	1.3

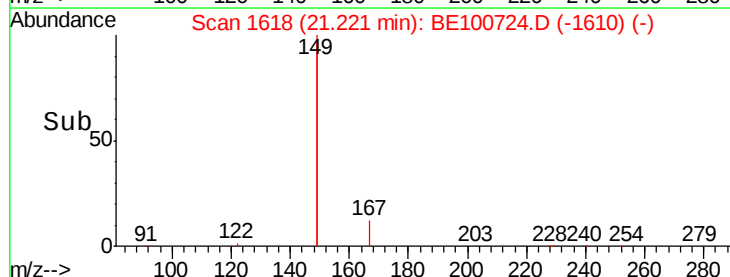
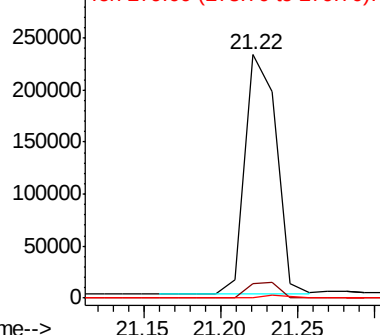


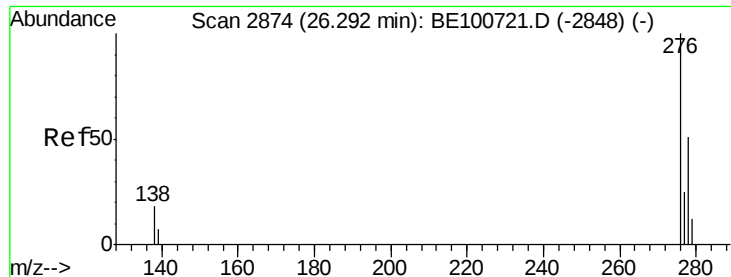
Abundance

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

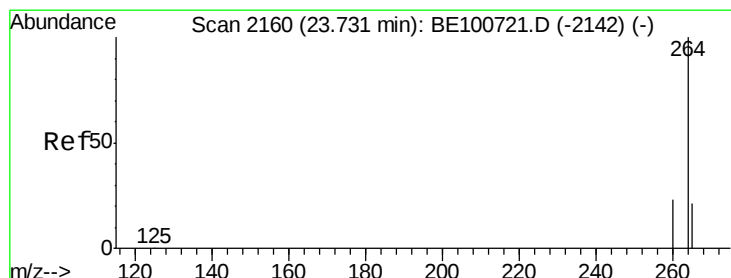
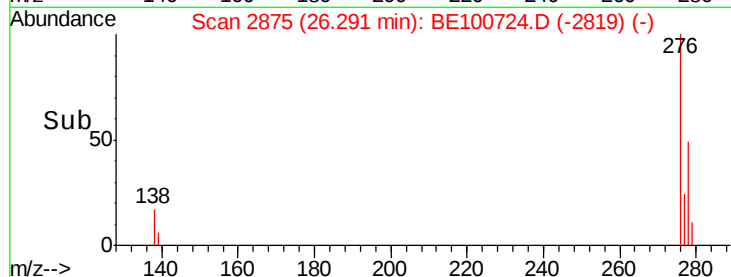
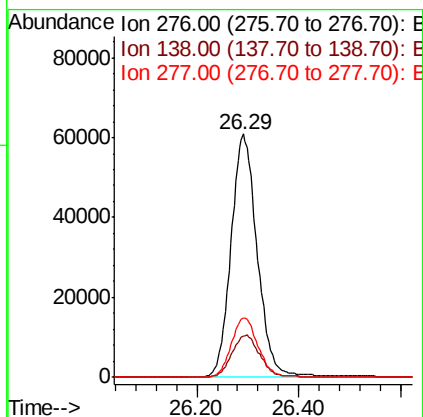
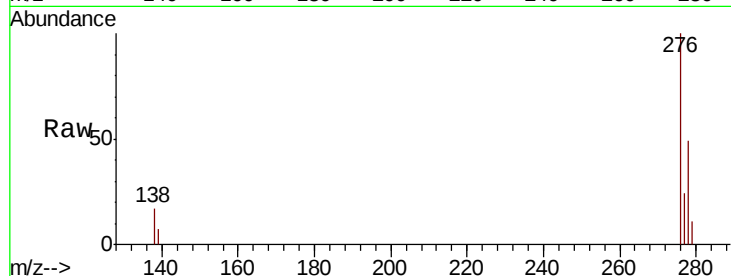




#33
Indeno(1,2,3-cd)pyrene
Concen: 3.113 ng
RT: 26.29 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

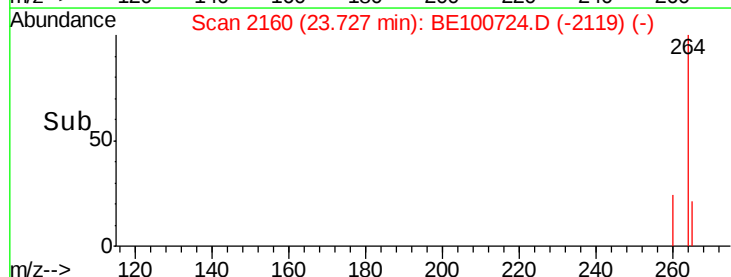
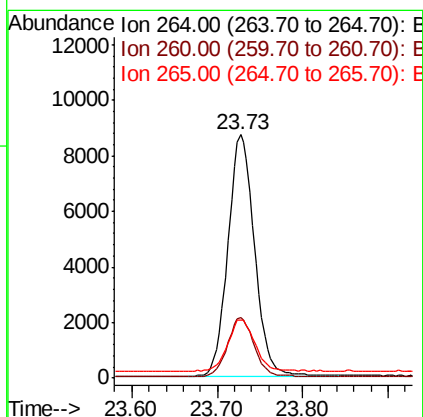
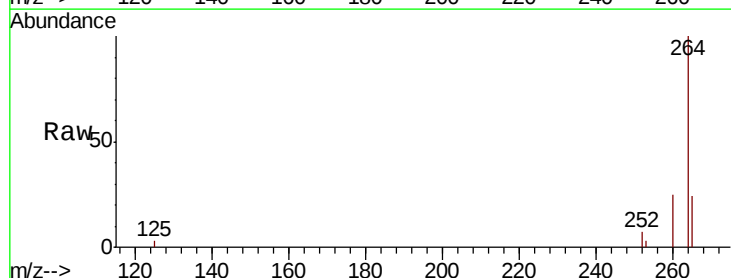
Instrument :
BNA_E
ClientSampleId :

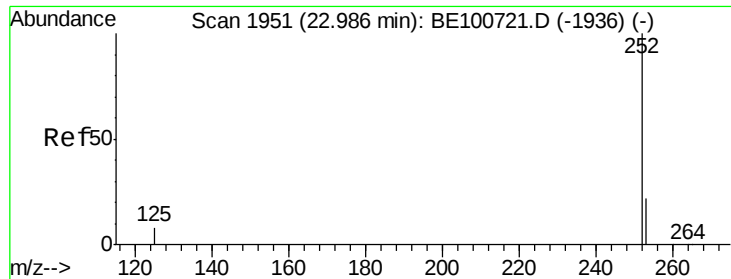
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	14.8	22.2
277	25.0	19.6	29.4



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.1	28.7
265	23.8	19.7	29.5





#35

Benzo(b)fluoranthene

Concen: 3.407 ng

RT: 22.99 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampleId :

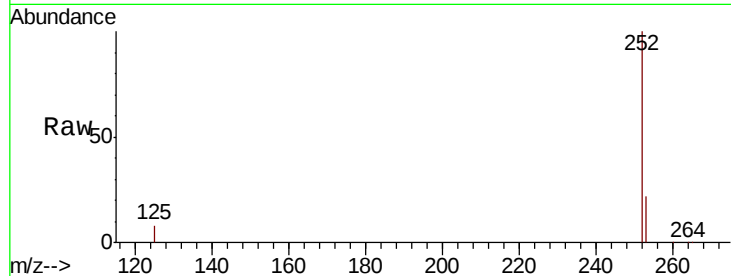
Tot Ion:252 Resp: 187078

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

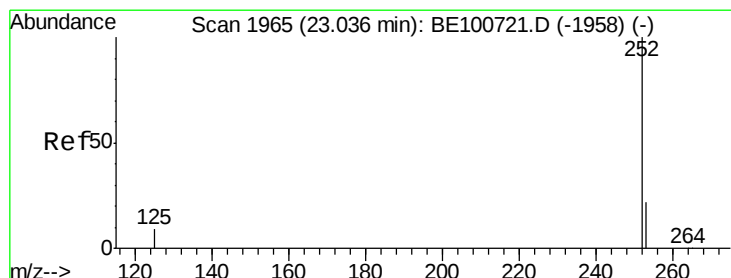
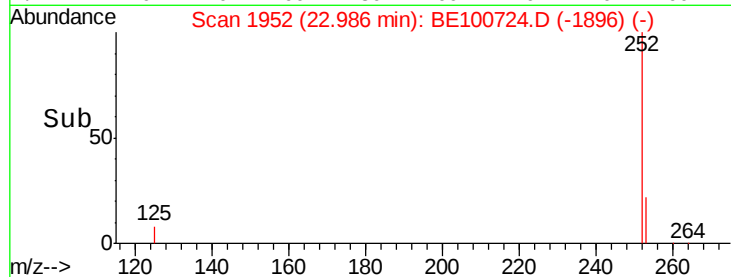
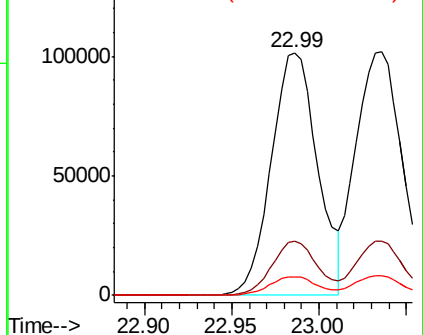
125 7.7 7.0 10.4



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



#36

Benzo(k)fluoranthene

Concen: 3.393 ng

RT: 23.04 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

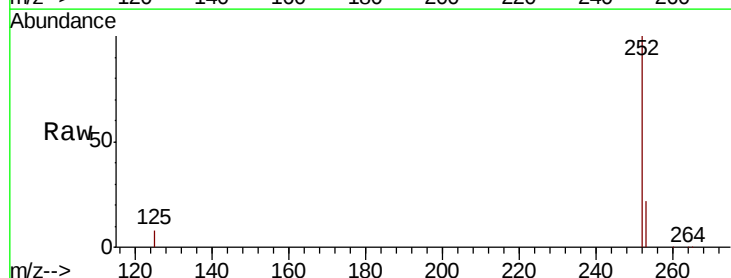
Tgt Ion:252 Resp: 191610

Ion Ratio Lower Upper

252 100

253 22.0 18.6 27.8

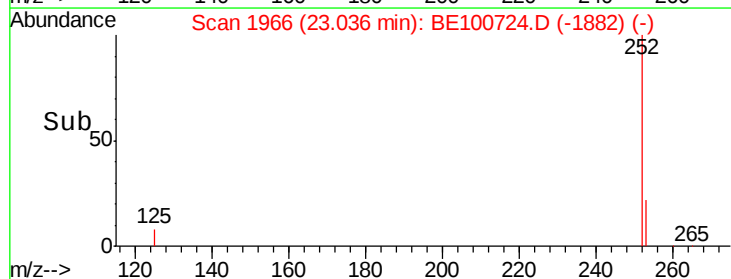
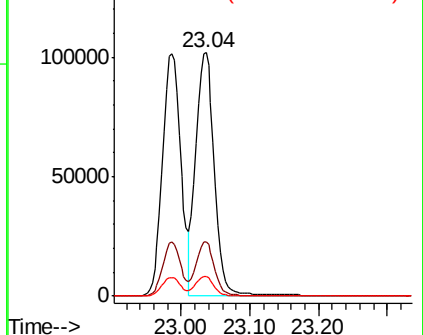
125 7.9 7.6 11.4

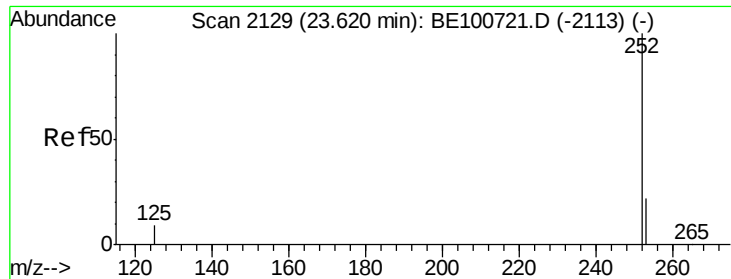


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.396 ng

RT: 23.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampleId :

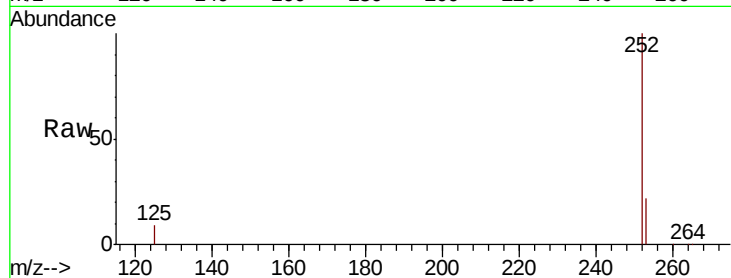
Tot Ion:252 Resp: 173572

Ion Ratio Lower Upper

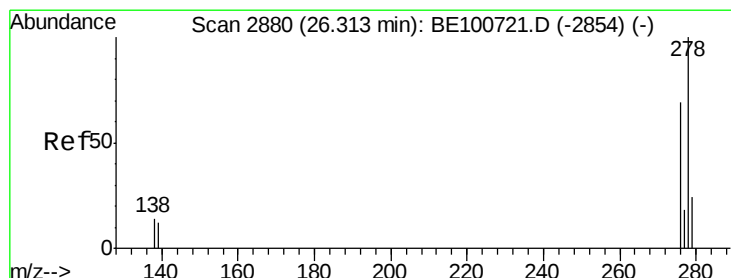
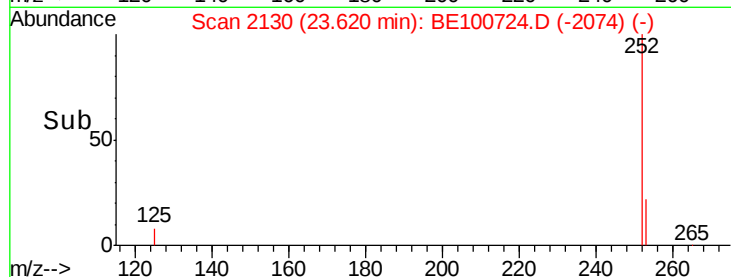
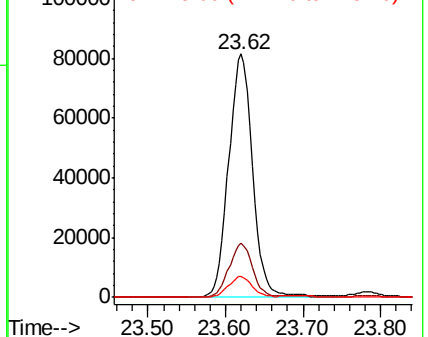
252 100

253 22.0 18.6 28.0

125 8.5 7.9 11.9



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: 3.428 ng

RT: 26.31 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

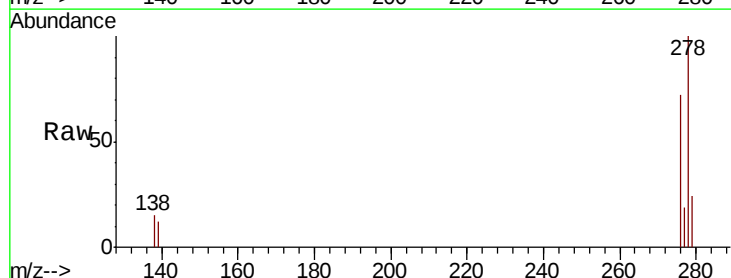
Tgt Ion:278 Resp: 181096

Ion Ratio Lower Upper

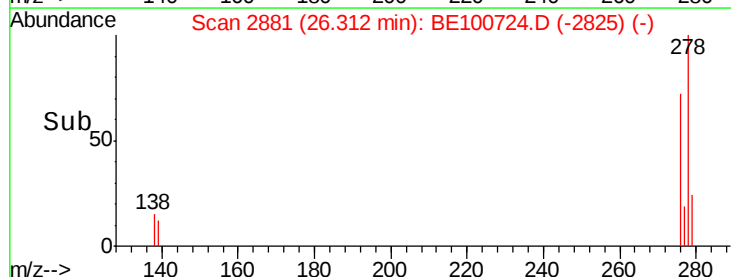
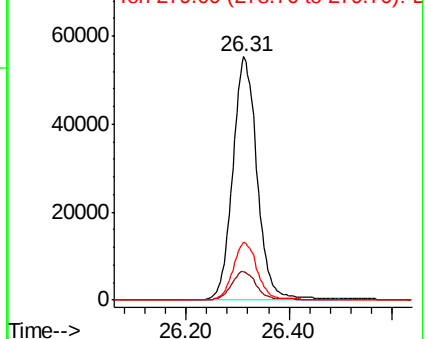
278 100

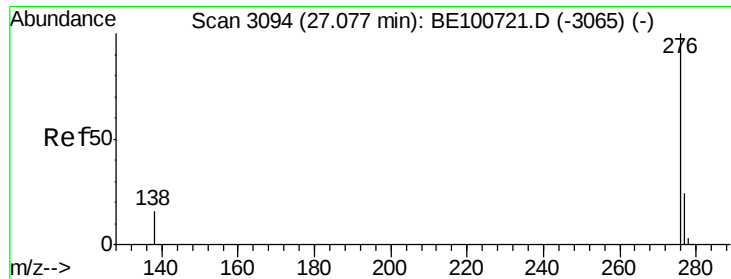
139 11.9 10.3 15.5

279 23.9 20.6 31.0



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(a,h,i)perylene

Concen: 3.288 ng

RT: 27.08 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BE100724.D

Acq: 14 Nov 2019 17:00

Instrument :

BNA_E

ClientSampleId :

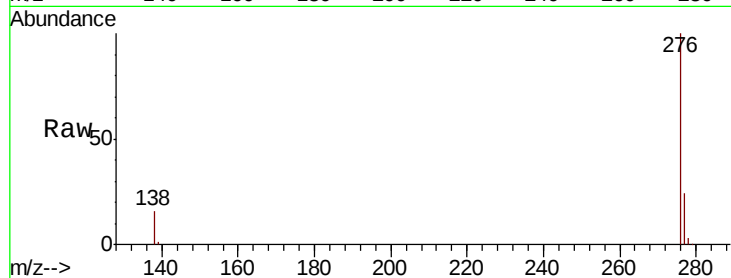
Tot Ion: 276 Resp: 174664

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.6

138 15.9 13.6 20.4



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

