

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
 Data File : BE100228.D
 Acq On : 28 Jun 2019 10:25
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 28 12:20:01 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	7.64	152	583	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	2131	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	1623	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5096	0.40	ng	0.00
27) Chrysene-d12	21.24	240	7635	0.40	ng	0.00
34) Perylene-d12	23.66	264	9763	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	598	0.46	ng	0.00
5) Phenol-d6	6.84	99	780	0.44	ng	0.00
8) Nitrobenzene-d5	8.82	82	833	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	1631	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	447	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	2605	0.40	ng	0.00
25) Fluoranthene-d10	19.10	212	30005	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	6390	0.43	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	374	0.410	ng	100
3) n-Nitrosodimethylamine	3.46	42	139	0.412	ng	86
6) bis(2-Chloroethyl)ether	7.09	93	712	0.436	ng	100
9) Naphthalene	10.48	128	9566	0.411	ng	100
10) Hexachlorobutadiene	10.76	225	935	0.389	ng	99
12) 2-Methylnaphthalene	12.12	142	1575	0.421	ng	100
16) Acenaphthylene	14.04	152	3230	0.408	ng	100
17) Acenaphthene	14.38	154	1867	0.421	ng	99
18) Fluorene	15.35	166	2703	0.421	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	1358	0.429	ng	100
21) Hexachlorobenzene	16.36	284	1414	0.408	ng	100
22) Pentachlorophenol	16.76	266	364	0.446	ng	100
23) Phenanthrene	17.11	178	4970	0.412	ng	100
24) Anthracene	17.20	178	4395	0.431	ng	99
26) Fluoranthene	19.13	202	8092	0.412	ng	100
28) Pyrene	19.49	202	8250	0.422	ng	100
30) Benzo(a)anthracene	21.22	228	10252	0.455	ng	100
31) Chrysene	21.28	228	10358	0.392	ng	100
32) Bis(2-ethylhexyl)phthalate	21.15	149	16743	0.647	ng	100
33) Indeno(1,2,3-cd)pyrene	26.21	276	14429	0.384	ng	100
35) Benzo(b)fluoranthene	22.92	252	10726	0.408	ng	100
36) Benzo(k)fluoranthene	22.97	252	12282	0.391	ng	100
37) Benzo(a)pyrene	23.55	252	11047	0.406	ng	100
38) Dibenzo(a,h)anthracene	26.24	278	11172	0.384	ng	100
39) Benzo(g,h,i)perylene	27.01	276	11840	0.390	ng	100

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

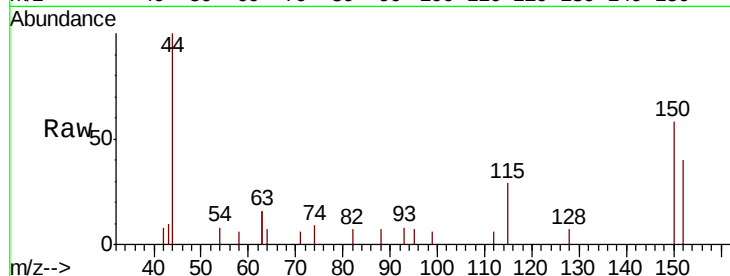


#1

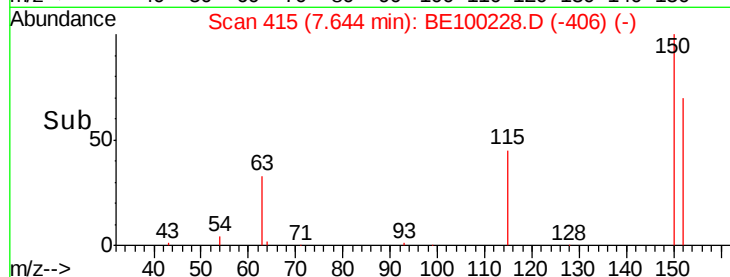
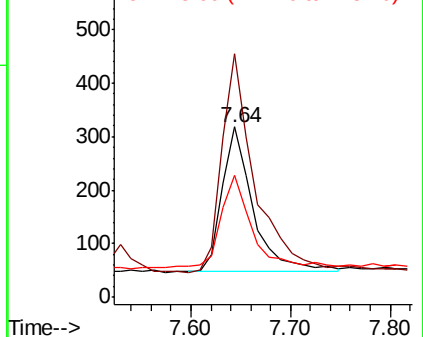
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 583
Ion Ratio Lower Upper
152 100
150 143.1 114.5 171.7
115 71.4 57.1 85.7



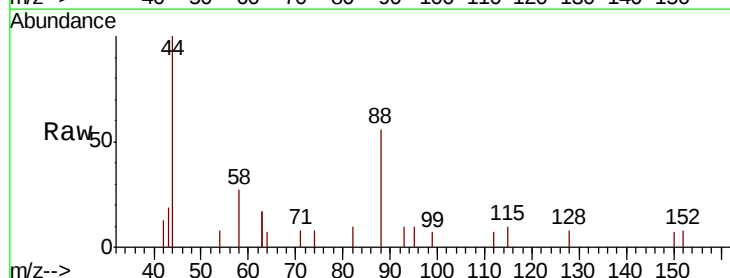
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



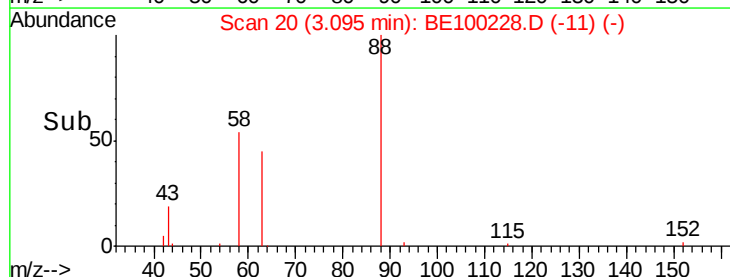
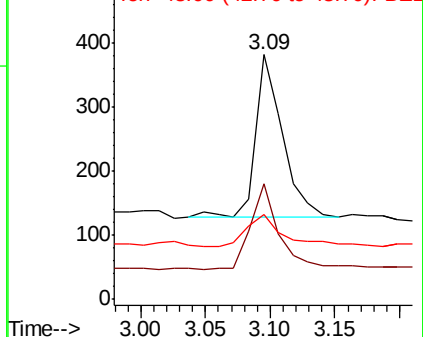
#2

1,4-Dioxane
Concen: 0.410 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion: 88 Resp: 374
Ion Ratio Lower Upper
88 100
58 54.5 43.6 65.4
43 26.7 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



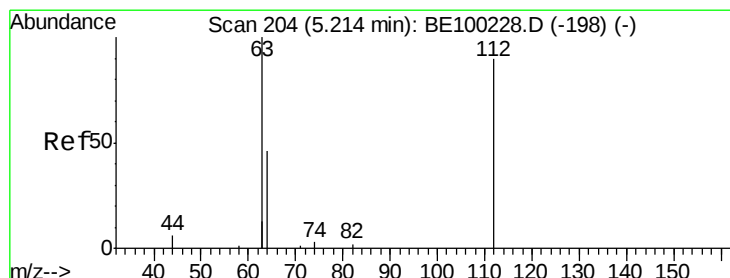
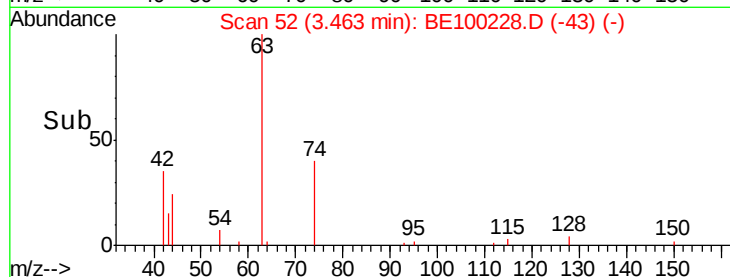
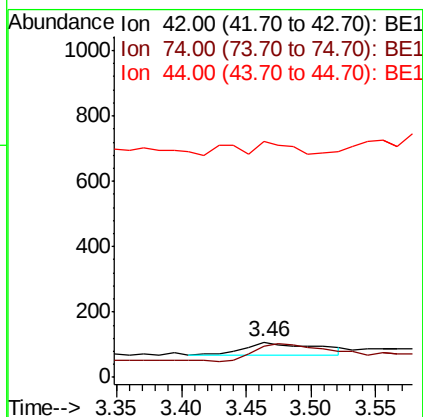
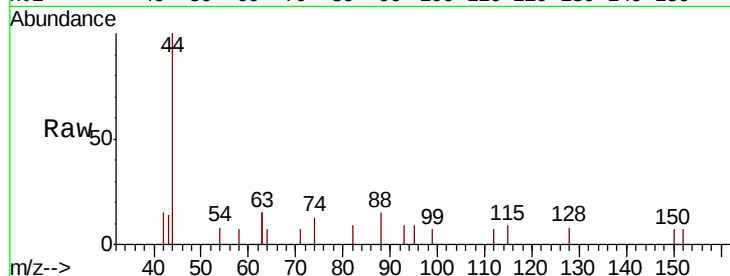


#3

n-Nitrosodimethylamine
 Concen: 0.412 ng
 RT: 3.46 min Scan# 52
 Delta R.T. 0.00 min
 Lab File: BE100228.D
 Acq: 28 Jun 2019 10:25

Instrument :
 BNA_E
 ClientSampled :

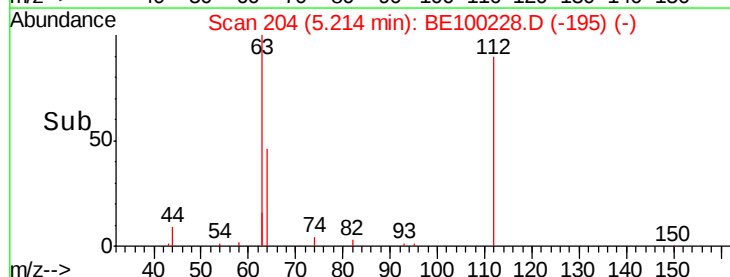
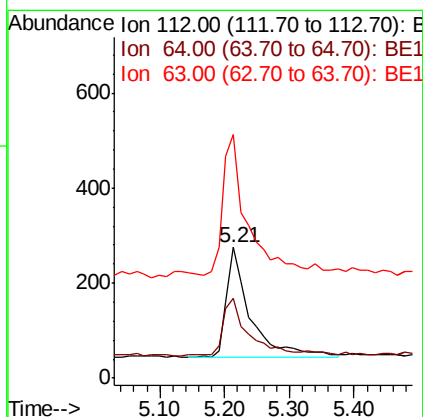
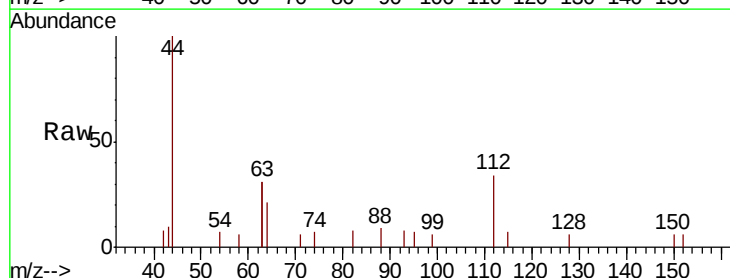
Tot Ion	42	Resp	139
Ion Ratio	Lower	Upper	
42	100		
74	139.6	130.6	196.0
44	47.5	38.0	57.0



#4

2-Fluorophenol
 Concen: 0.461 ng
 RT: 5.21 min Scan# 204
 Delta R.T. 0.00 min
 Lab File: BE100228.D
 Acq: 28 Jun 2019 10:25

Tgt Ion	112	Resp	598
Ion Ratio	Lower	Upper	
112	100		
64	54.7	39.4	59.0
63	130.6	104.5	156.7





#5

Phenol-d6

Concen: 0.438 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

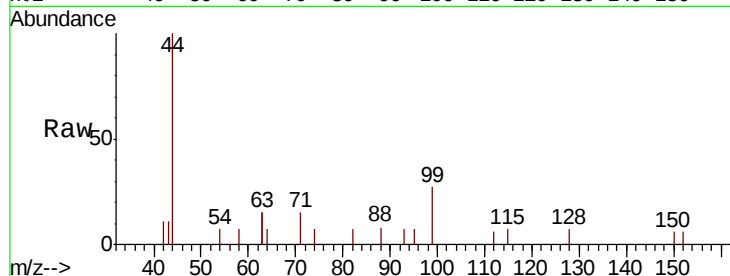
Tot Ion: 99 Resp: 780

Ion Ratio Lower Upper

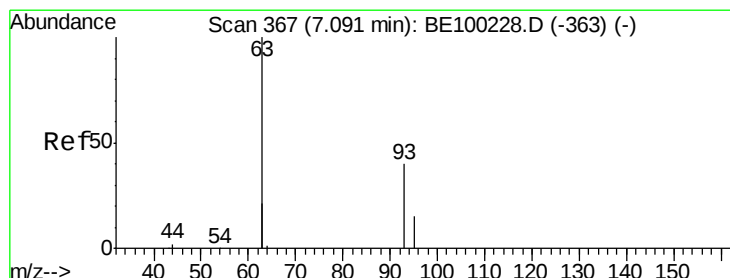
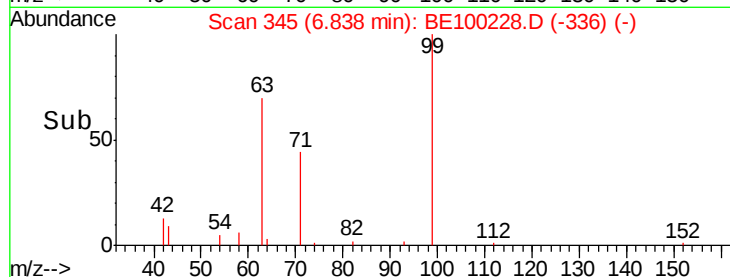
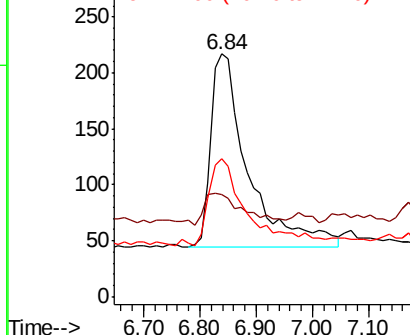
99 100

42 14.0 11.2 16.8

71 46.5 37.2 55.8



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.436 ng

RT: 7.09 min Scan# 367

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

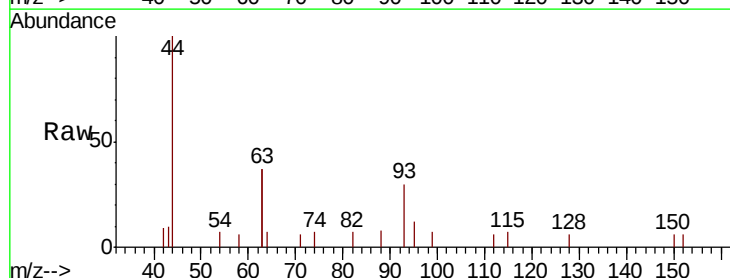
Tgt Ion: 93 Resp: 712

Ion Ratio Lower Upper

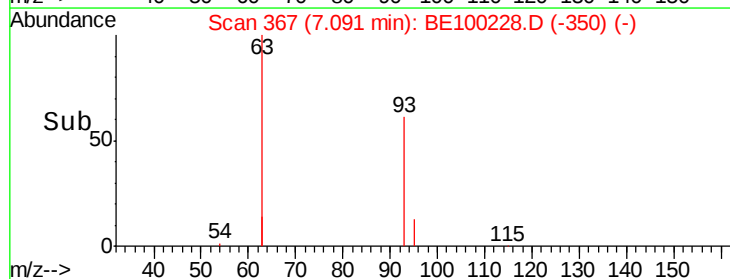
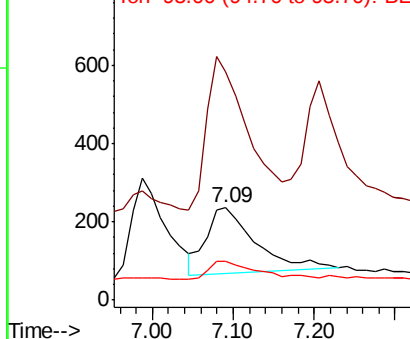
93 100

63 194.5 155.6 233.4

95 28.7 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: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2131

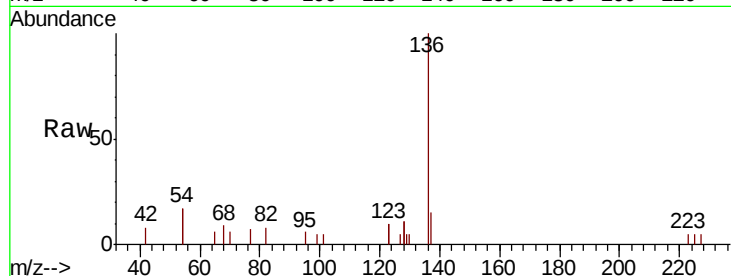
Ion Ratio Lower Upper

136 100

137 14.8 11.8 17.8

54 34.6 27.7 41.5

68 8.5 6.8 10.2

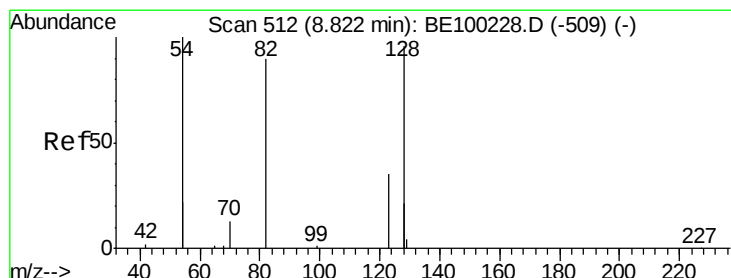
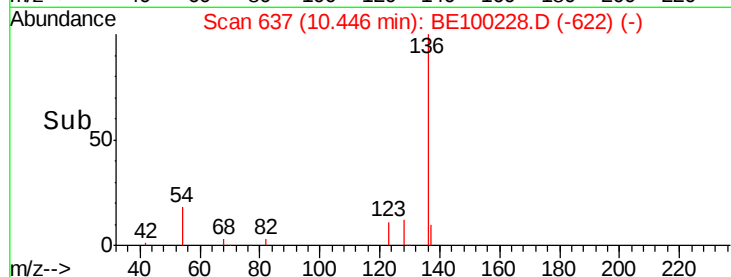
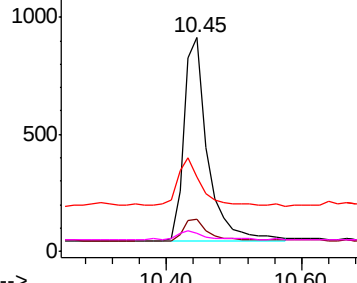


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 8.82 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

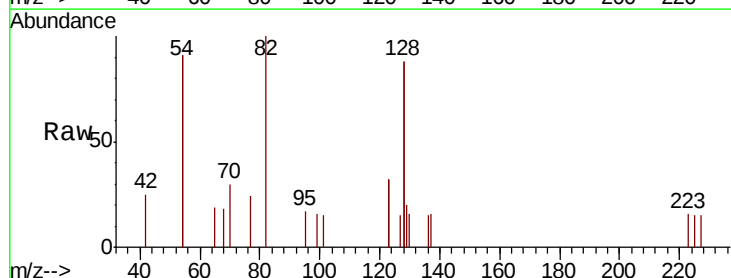
Tgt Ion: 82 Resp: 833

Ion Ratio Lower Upper

82 100

128 176.1 140.9 211.3

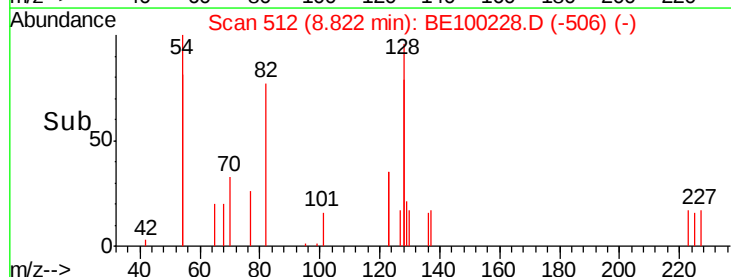
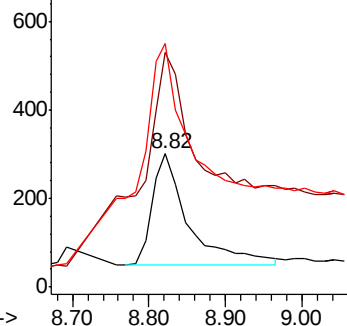
54 182.7 146.2 219.2



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: 0.411 ng

RT: 10.48 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampled :

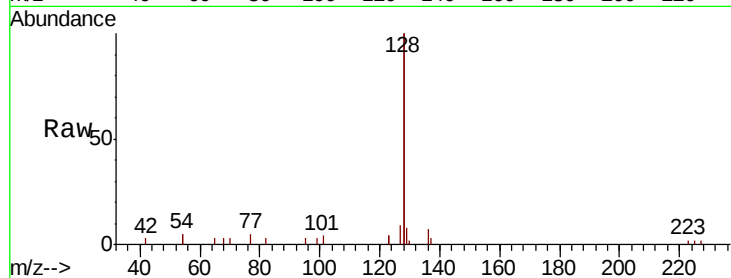
Tot Ion:128 Resp: 9566

Ion Ratio Lower Upper

128 100

129 3.8 3.0 4.6

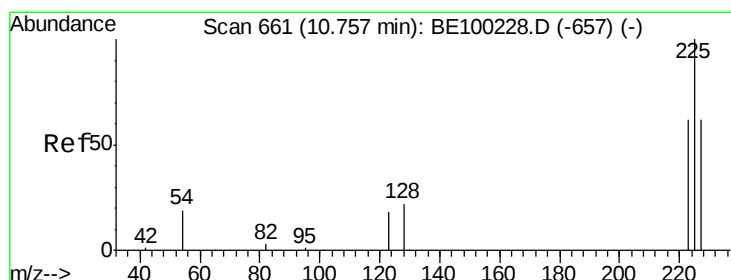
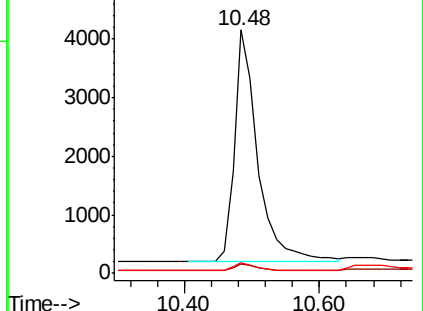
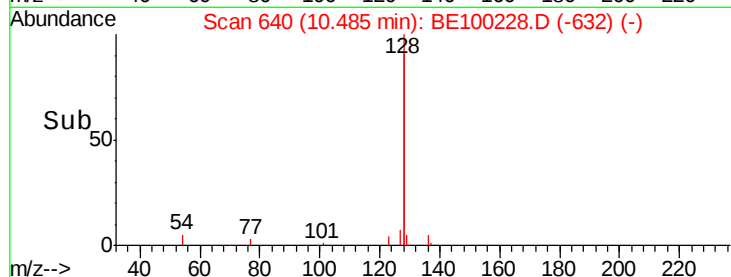
127 4.4 3.5 5.3



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: 0.389 ng

RT: 10.76 min Scan# 661

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

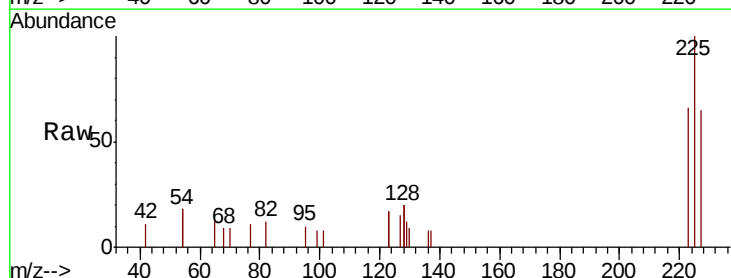
Tgt Ion:225 Resp: 935

Ion Ratio Lower Upper

225 100

223 61.4 49.1 73.7

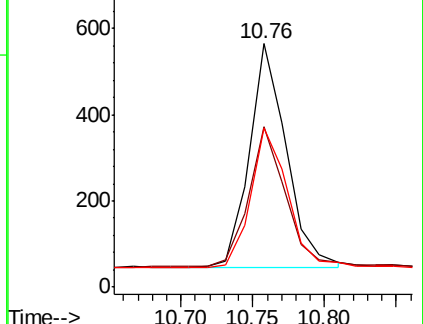
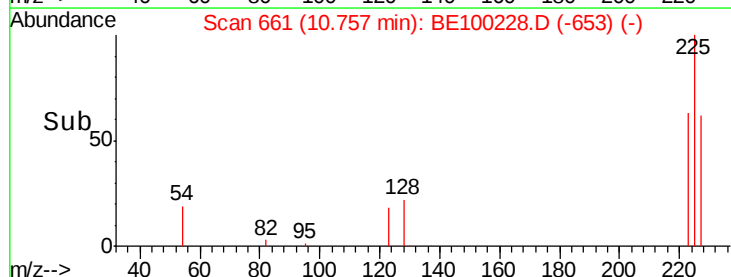
227 62.6 49.3 73.9

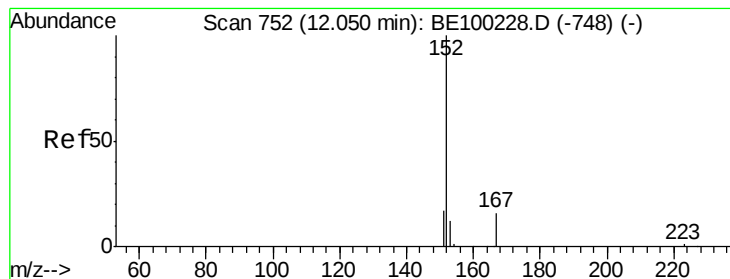


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 12.05 min Scan# 752

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

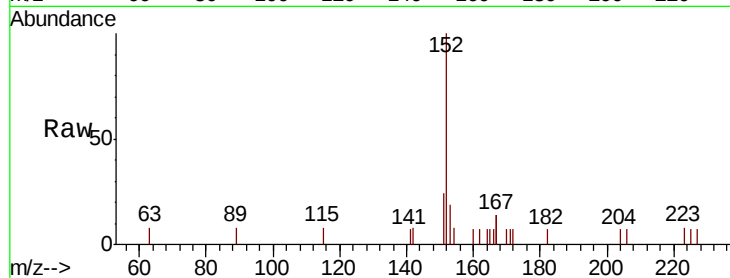
ClientSampleId :

Tot Ion:152 Resp: 1631

Ion Ratio Lower Upper

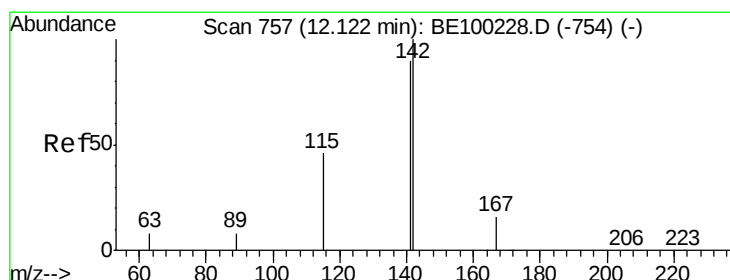
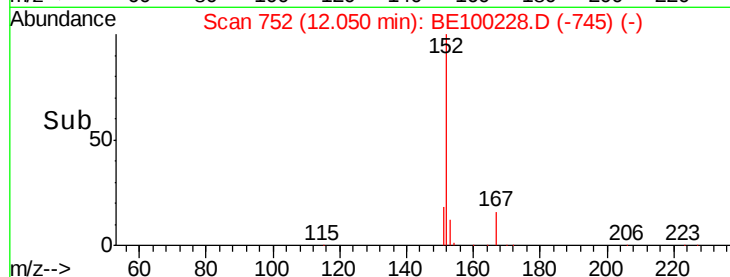
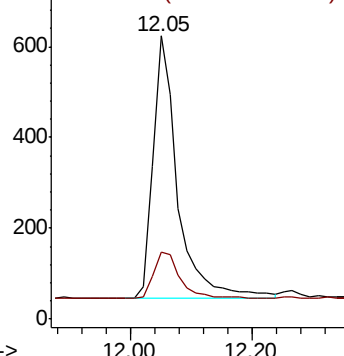
152 100

151 19.8 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: 0.421 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

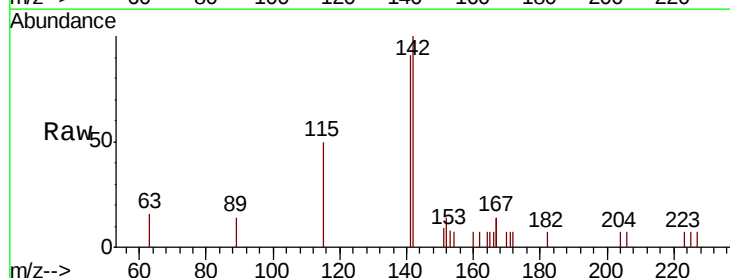
Tgt Ion:142 Resp: 1575

Ion Ratio Lower Upper

142 100

141 90.5 72.4 108.6

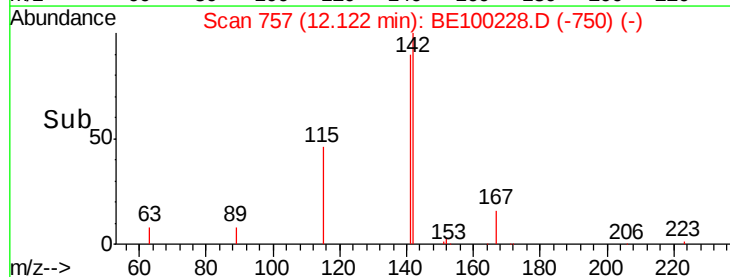
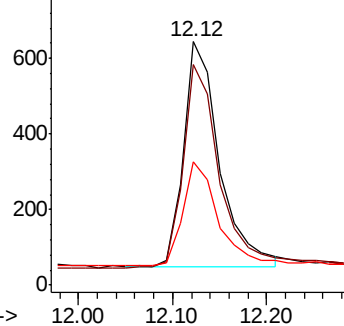
115 50.5 40.4 60.6

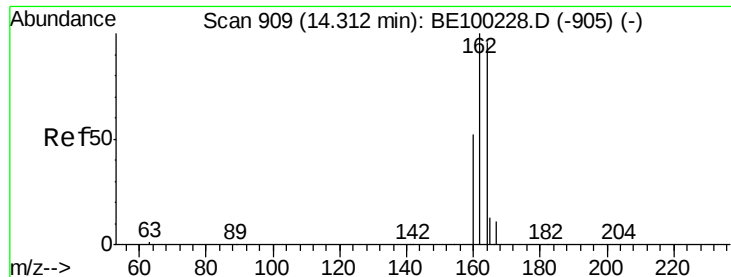


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

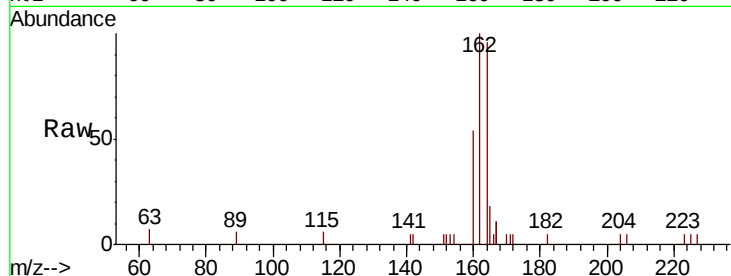




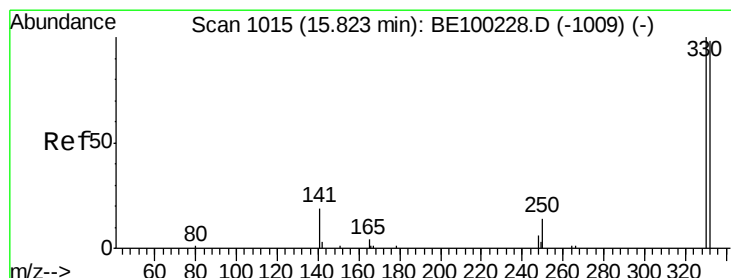
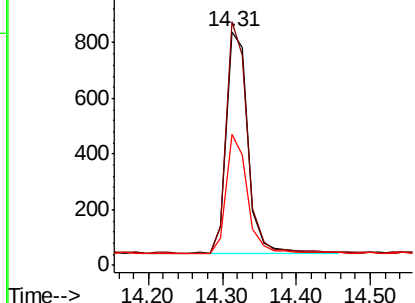
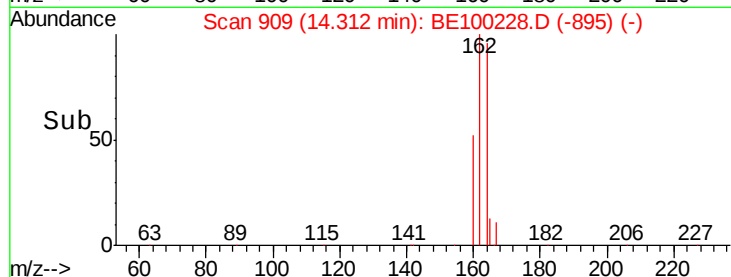
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 1623
Ion Ratio Lower Upper
164 100
162 104.2 83.4 125.0
160 56.3 45.0 67.6

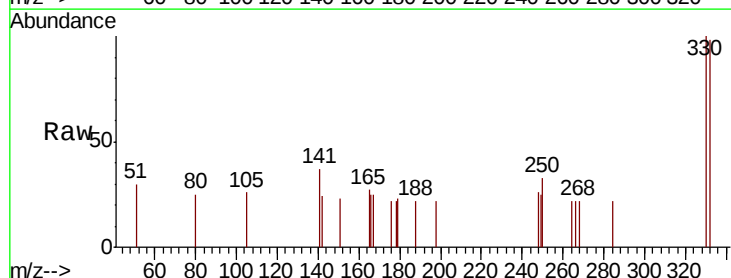


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

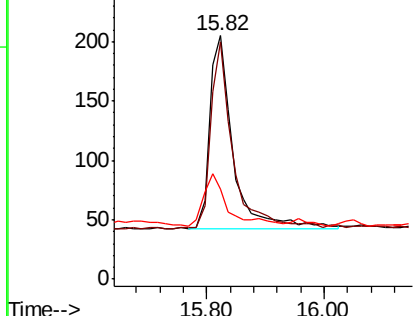
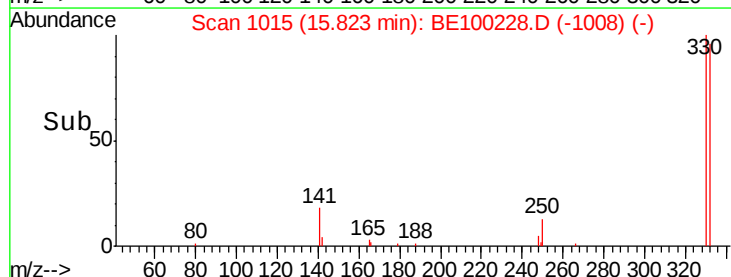


#14
2,4,6-Tribromophenol
Concen: 0.476 ng
RT: 15.82 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:330 Resp: 447
Ion Ratio Lower Upper
330 100
332 89.3 77.0 115.4
141 27.5 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

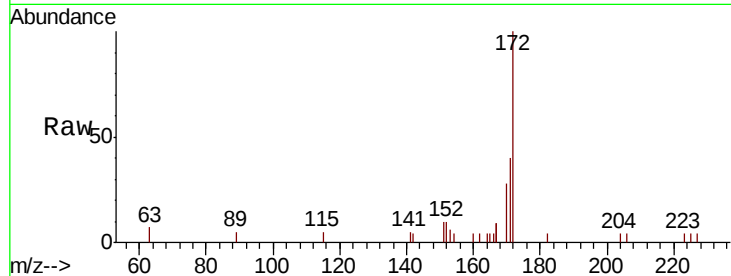




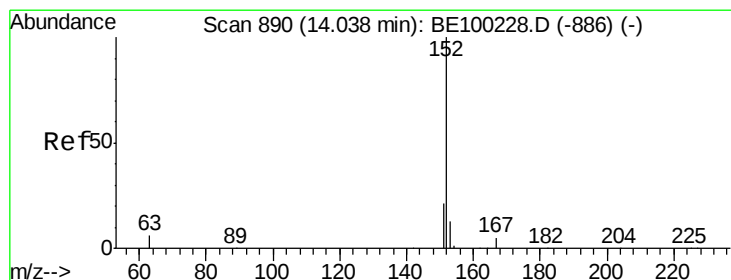
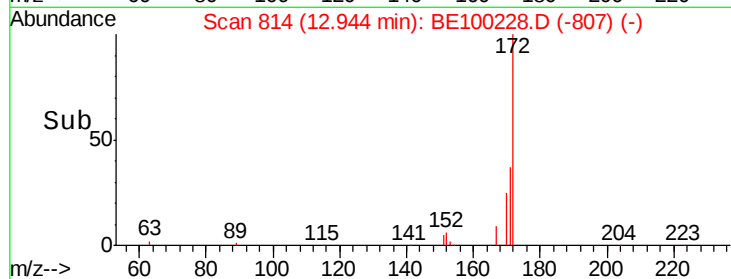
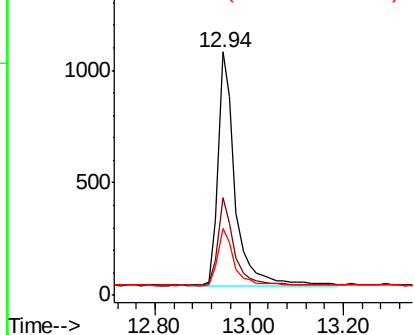
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 2605
Ion Ratio Lower Upper
172 100
171 39.9 31.9 47.9
170 27.7 22.2 33.2

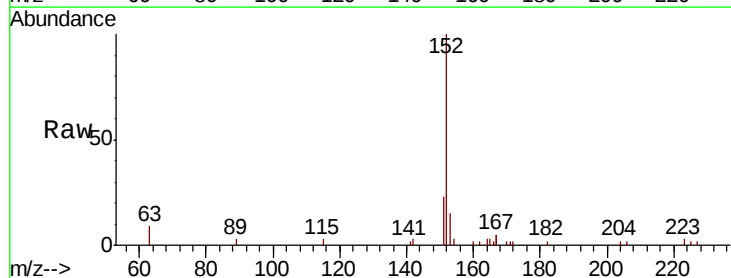


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

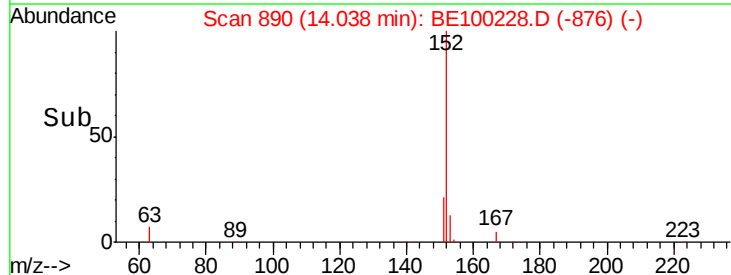
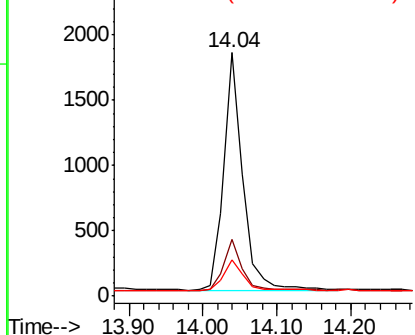


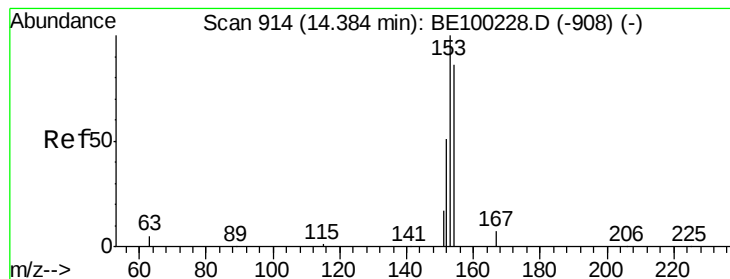
#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:152 Resp: 3230
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 13.2 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: 0.421 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

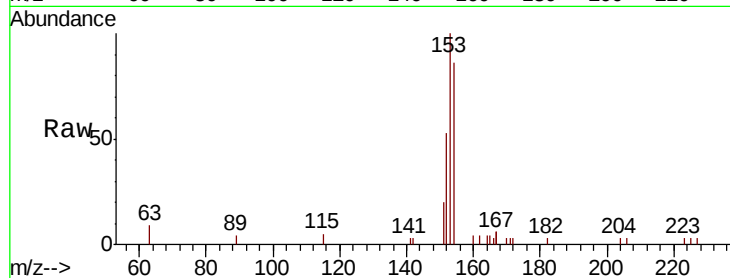
Tot Ion:154 Resp: 1867

Ion Ratio Lower Upper

154 100

153 118.4 93.4 140.2

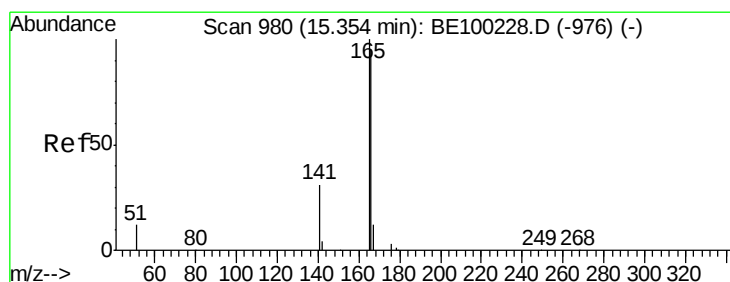
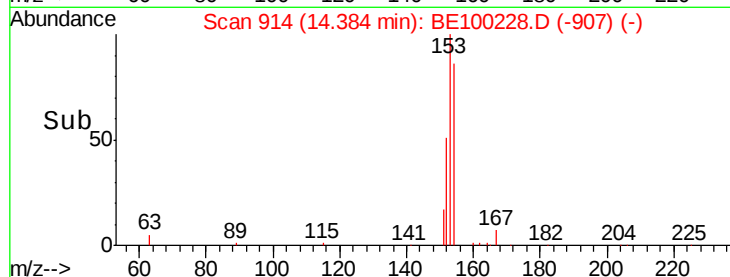
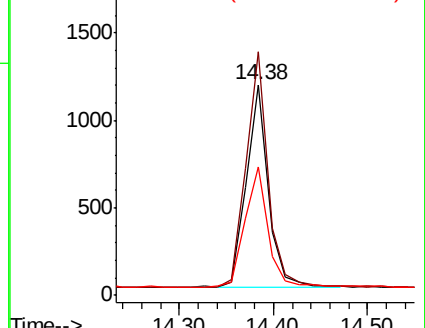
152 62.6 49.4 74.2



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: 0.421 ng

RT: 15.35 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

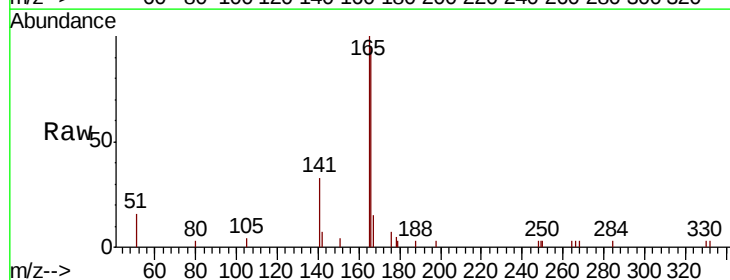
Tgt Ion:166 Resp: 2703

Ion Ratio Lower Upper

166 100

165 101.4 81.1 121.7

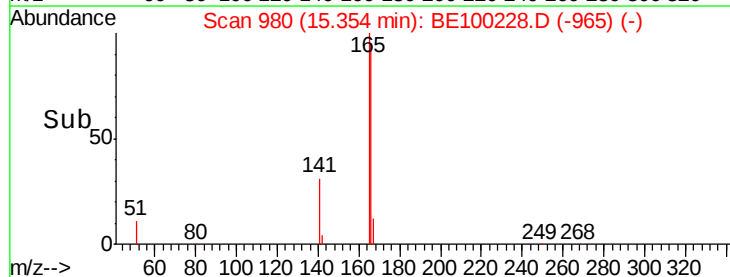
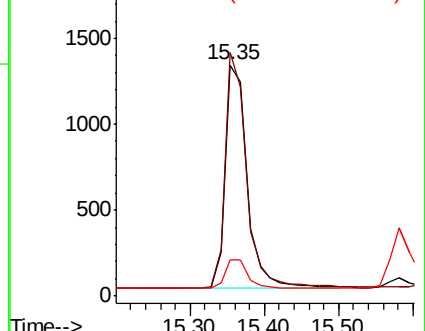
167 13.4 10.7 16.1

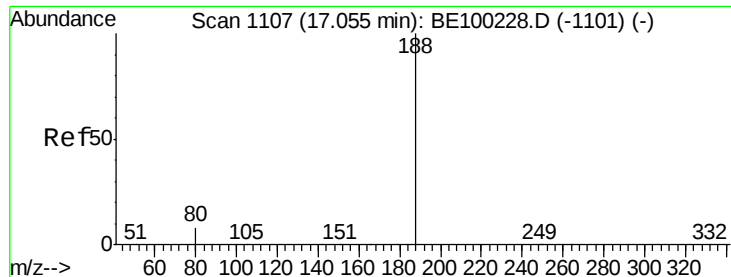


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

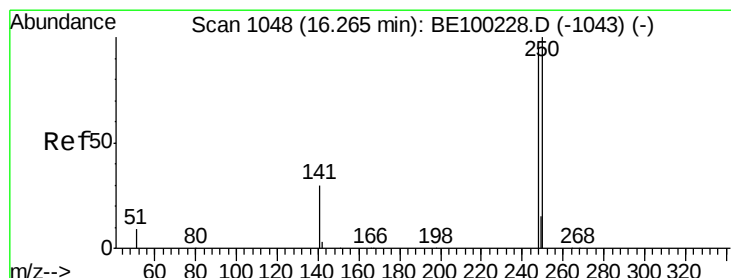
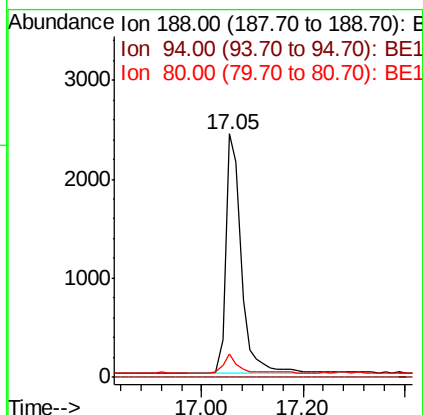
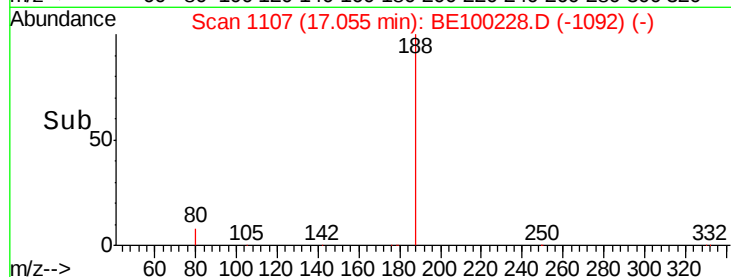
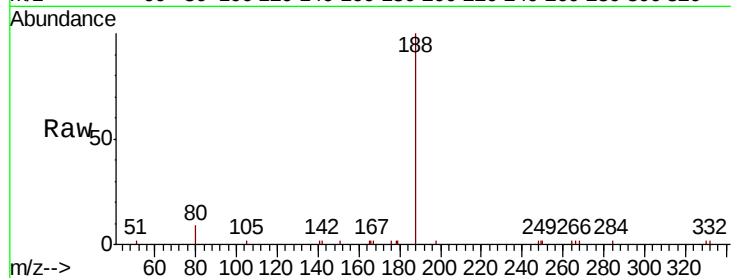
Tot Ion:188 Resp: 5096

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 7.6 11.4



#20

4-Bromophenyl-phenylether

Concen: 0.429 ng

RT: 16.26 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

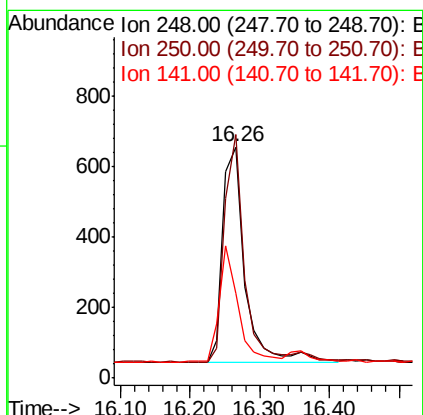
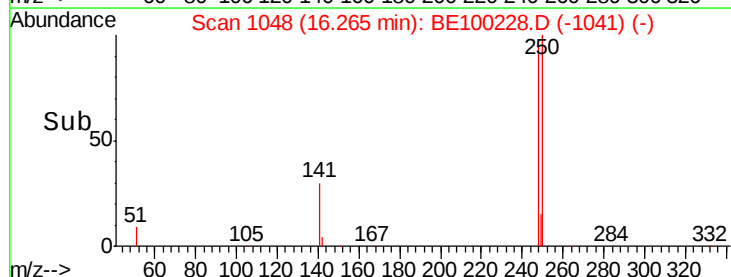
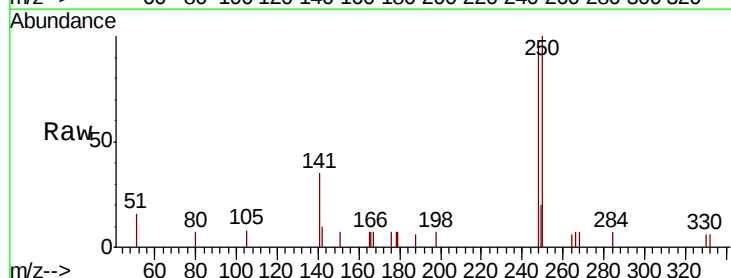
Tgt Ion:248 Resp: 1358

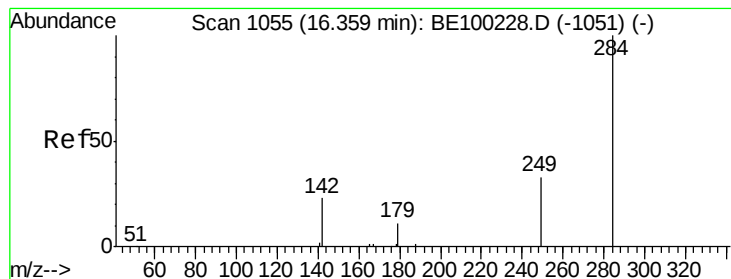
Ion Ratio Lower Upper

248 100

250 105.3 84.2 126.4

141 36.6 29.3 43.9





#21

Hexachlorobenzene

Concen: 0.408 ng

RT: 16.36 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

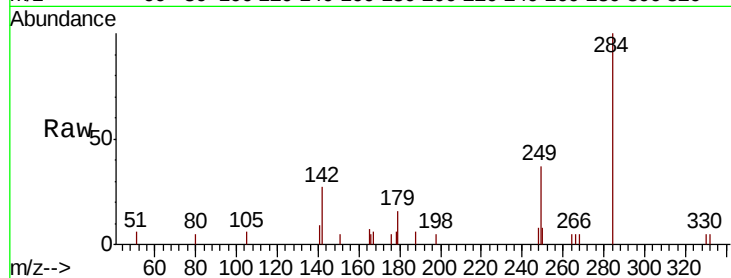
Tot Ion:284 Resp: 1414

Ion Ratio Lower Upper

284 100

142 23.5 18.8 28.2

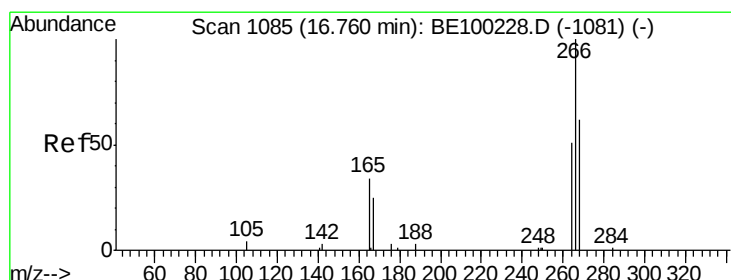
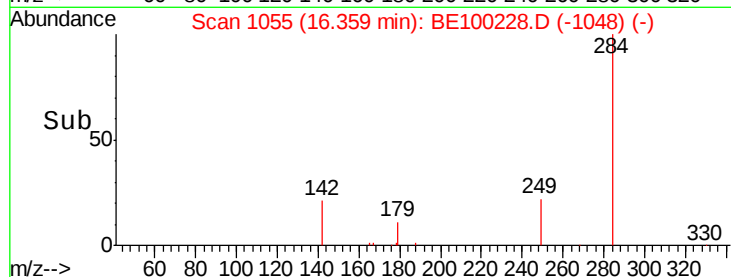
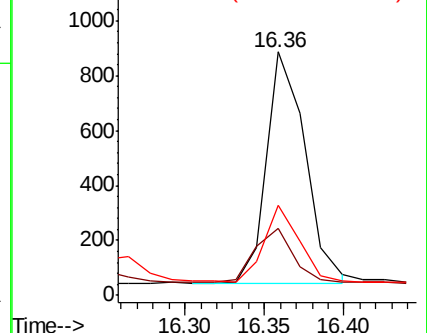
249 29.6 23.7 35.5



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: 0.446 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

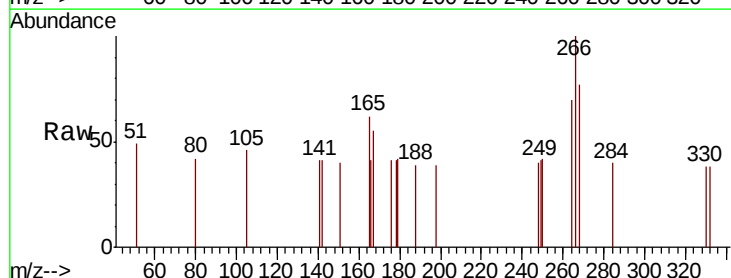
Tgt Ion:266 Resp: 364

Ion Ratio Lower Upper

266 100

264 70.2 56.2 84.2

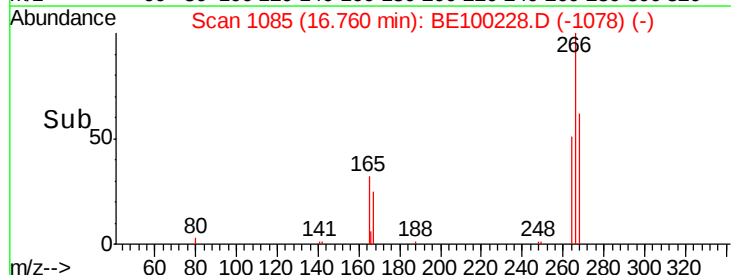
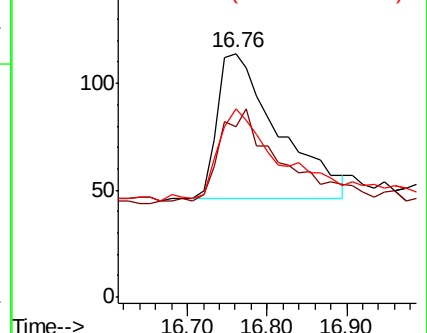
268 77.2 61.8 92.6



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

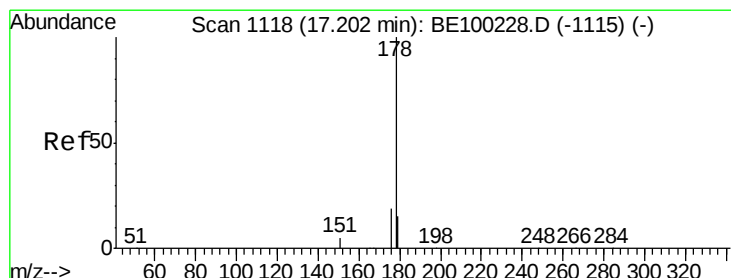
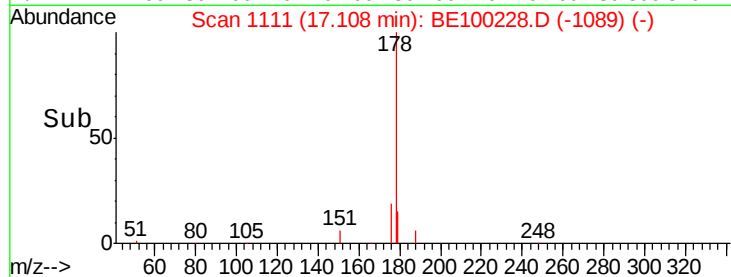
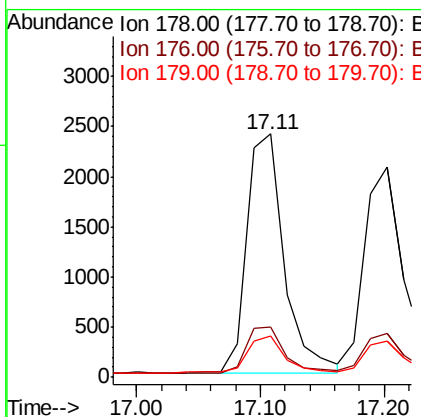
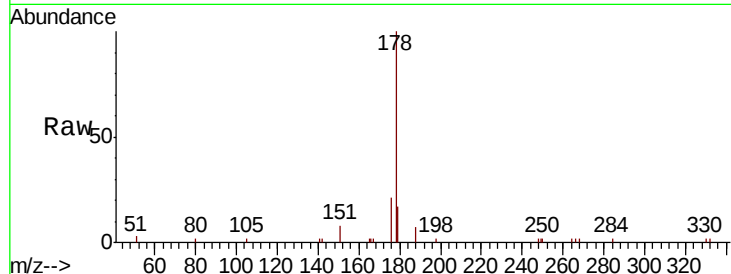




#23
Phenanthrene
Concen: 0.412 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

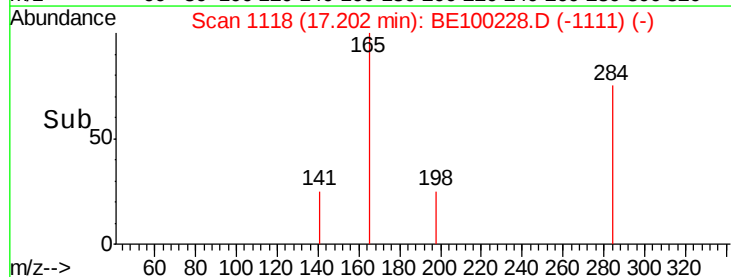
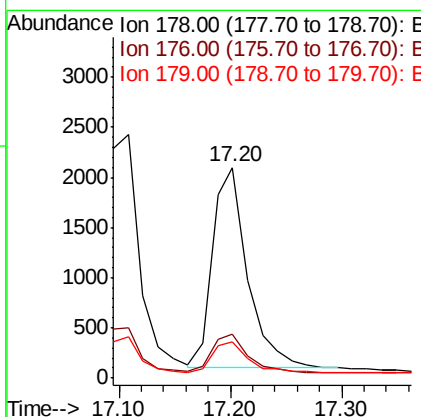
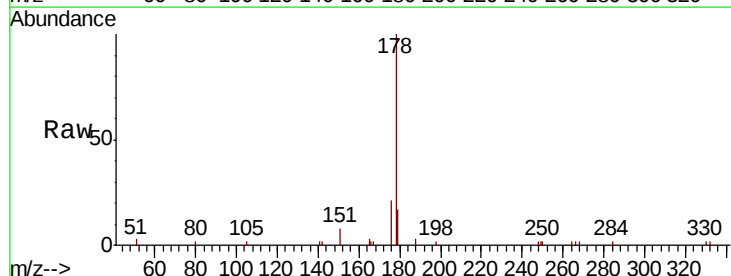
Instrument :
BNA_E
ClientSampleId :

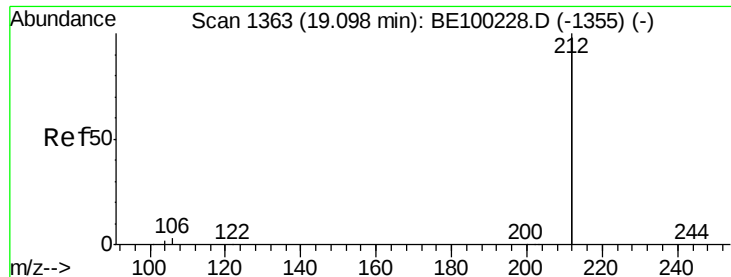
Tot Ion:178 Resp: 4970
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.2 12.2 18.2



#24
Anthracene
Concen: 0.431 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:178 Resp: 4395
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.9 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

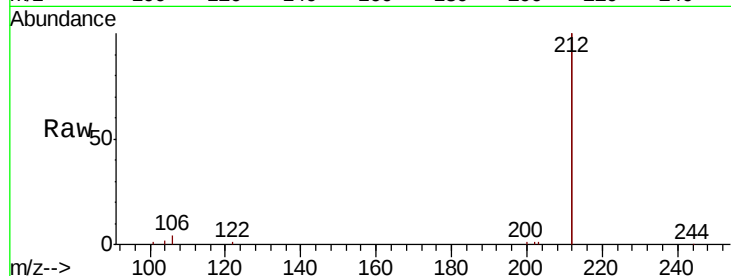
Tot Ion:212 Resp: 30005

Ion Ratio Lower Upper

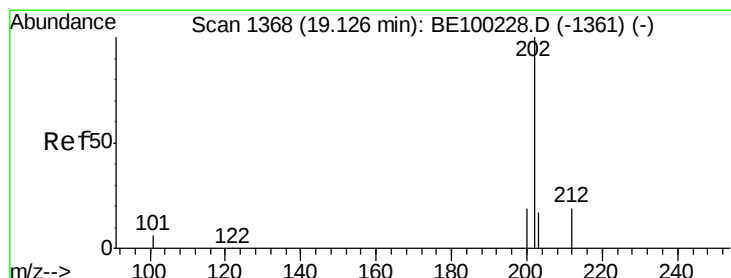
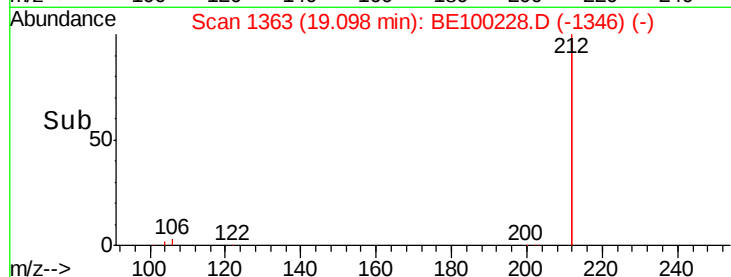
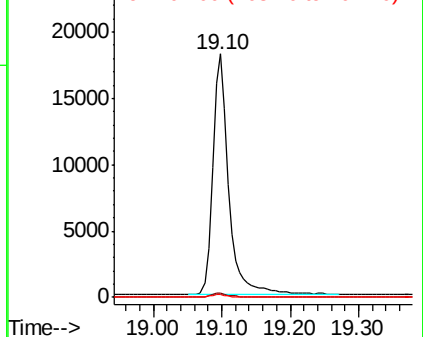
212 100

106 1.6 1.3 1.9

104 1.0 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.412 ng

RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

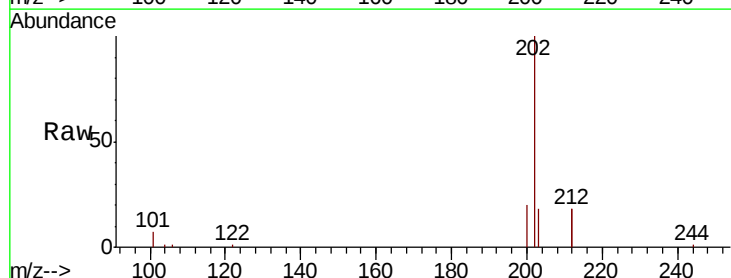
Tgt Ion:202 Resp: 8092

Ion Ratio Lower Upper

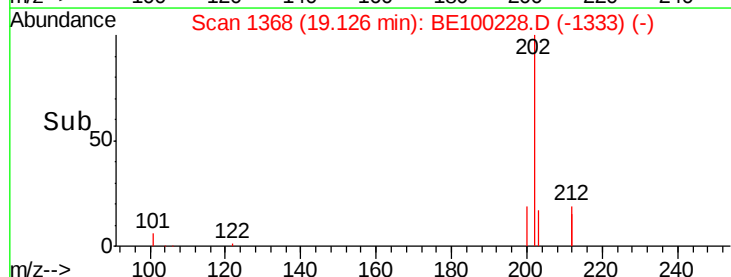
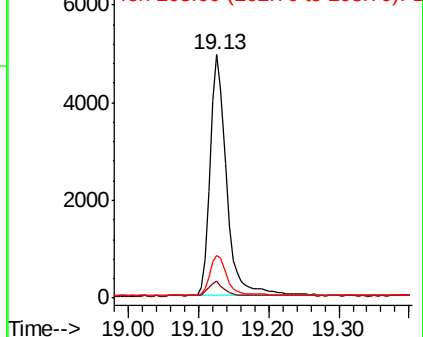
202 100

101 5.8 4.6 7.0

203 17.1 13.7 20.5



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

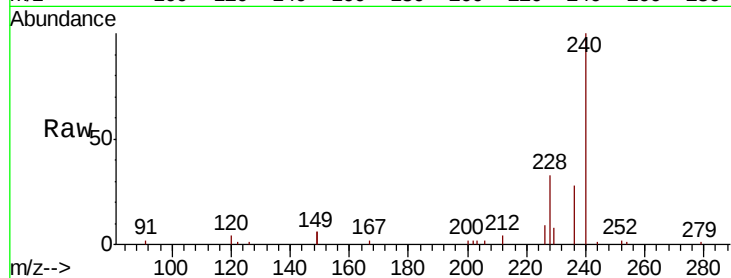
Tot Ion:240 Resp: 7635

Ion Ratio Lower Upper

240 100

120 4.1 3.3 4.9

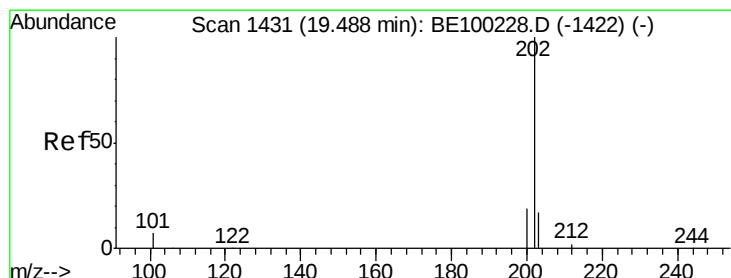
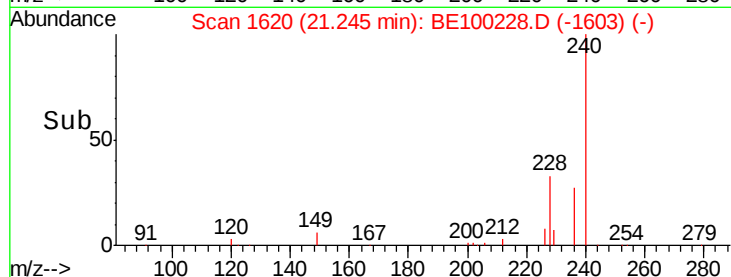
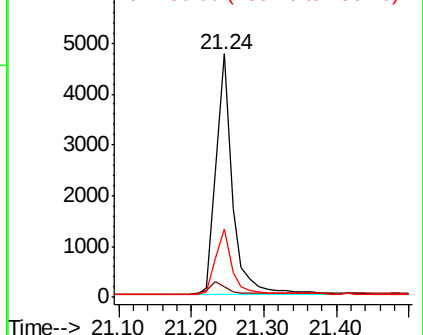
236 28.3 22.6 34.0



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: 0.422 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

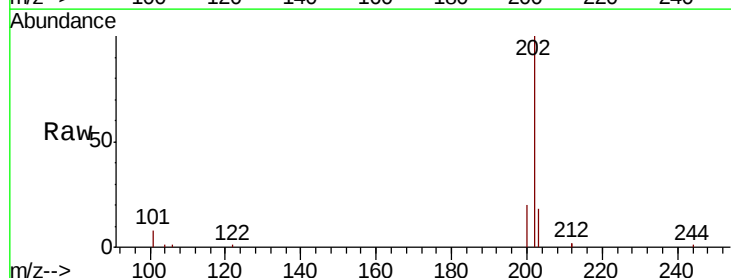
Tgt Ion:202 Resp: 8250

Ion Ratio Lower Upper

202 100

200 19.5 15.6 23.4

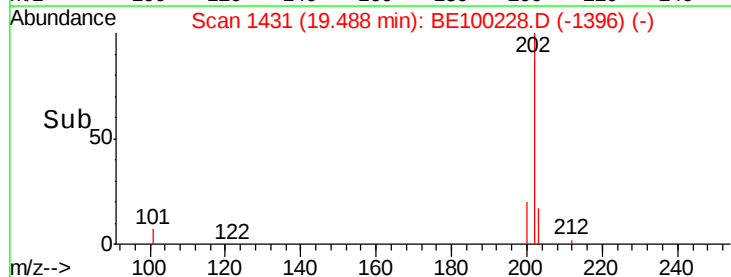
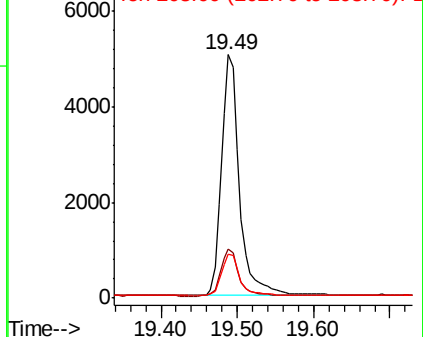
203 17.5 14.0 21.0



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: 0.426 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

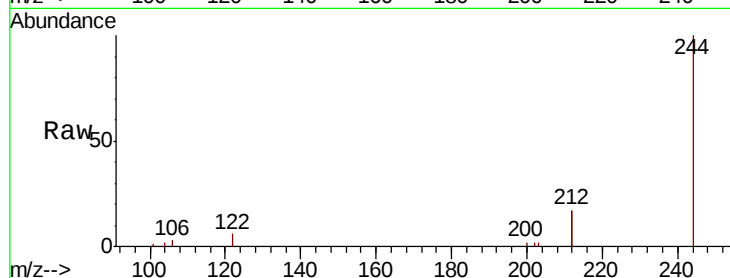
Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :



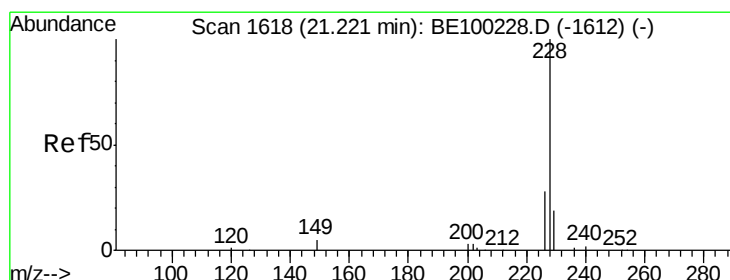
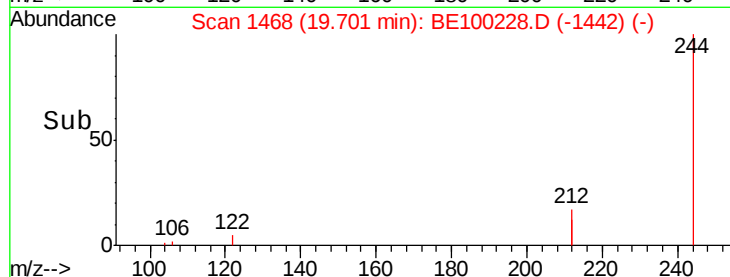
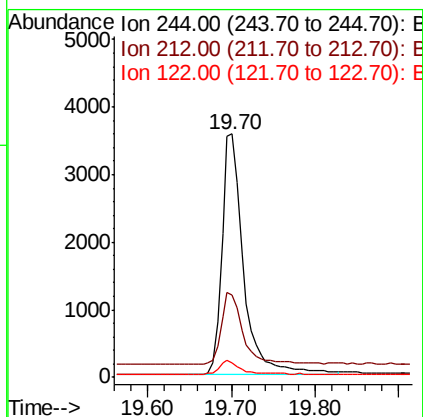
Tot Ion:244 Resp: 6390

Ion Ratio Lower Upper

244 100

212 34.1 27.3 40.9

122 5.9 4.7 7.1



#30

Benzo(a)anthracene

Concen: 0.455 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

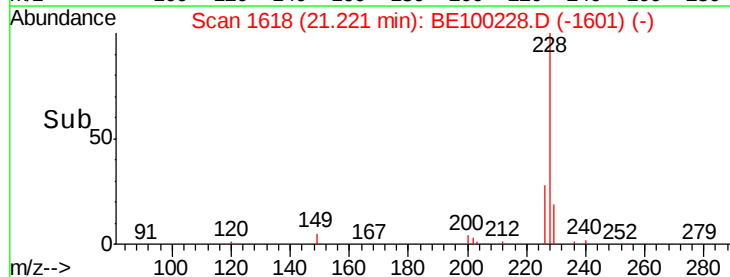
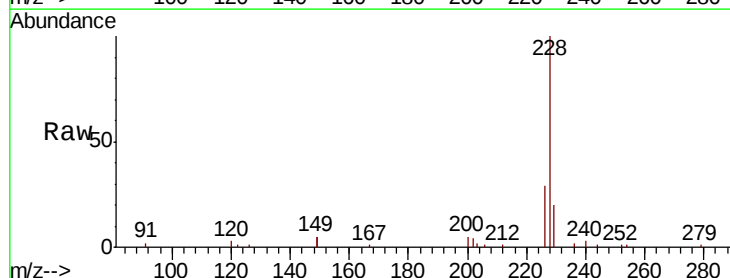
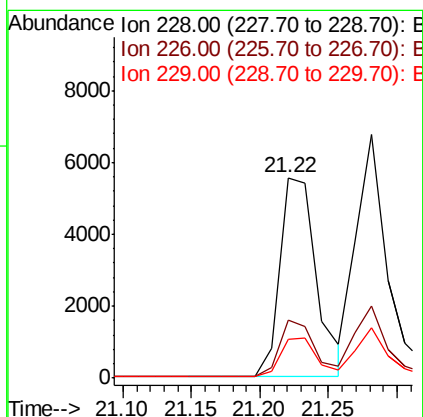
Tgt Ion:228 Resp: 10252

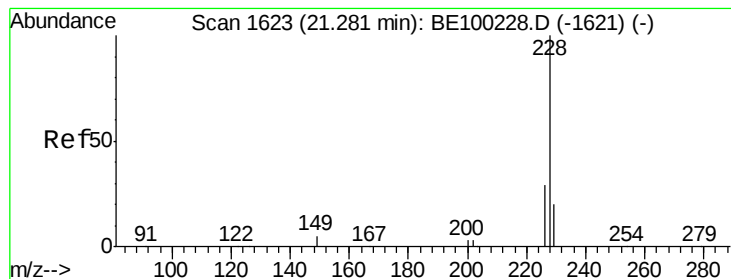
Ion Ratio Lower Upper

228 100

226 29.0 23.2 34.8

229 19.6 15.7 23.5





#31

Chrysene

Concen: 0.392 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

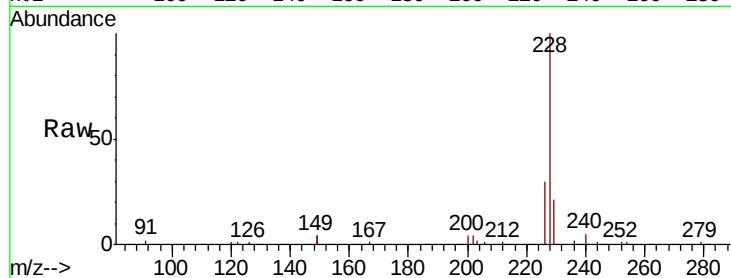
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 10358

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	20.6	16.5	24.7

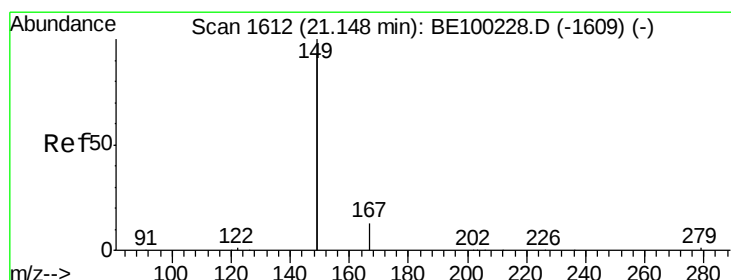
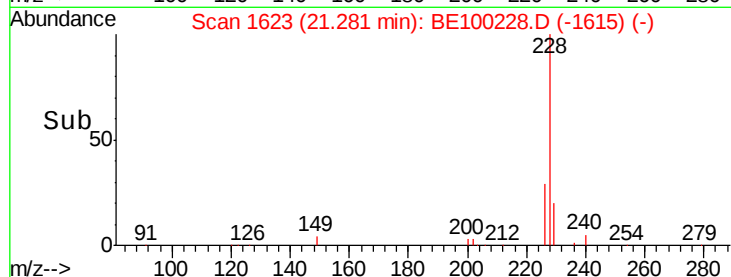
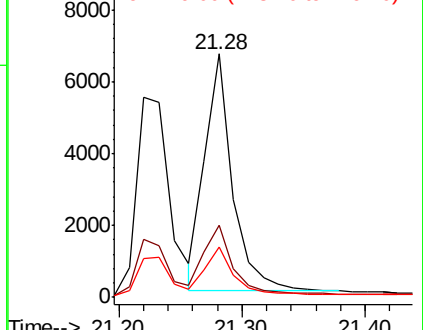


Abundance

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: 0.647 ng

RT: 21.15 min Scan# 1612

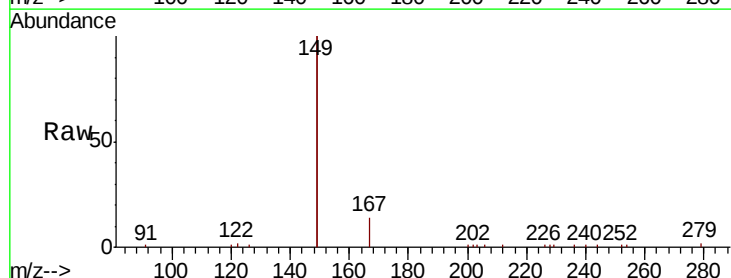
Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Tgt Ion:149 Resp: 16743

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.8
279	1.4	1.1	1.7

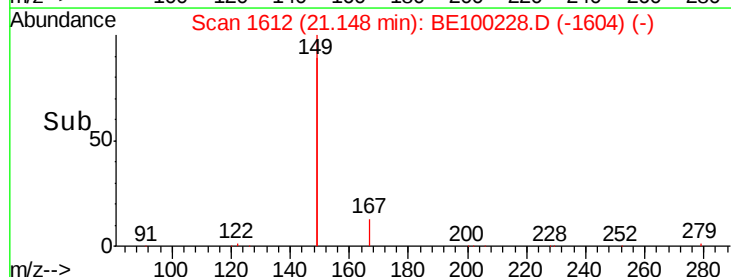
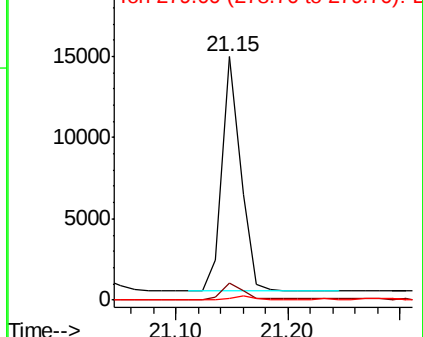


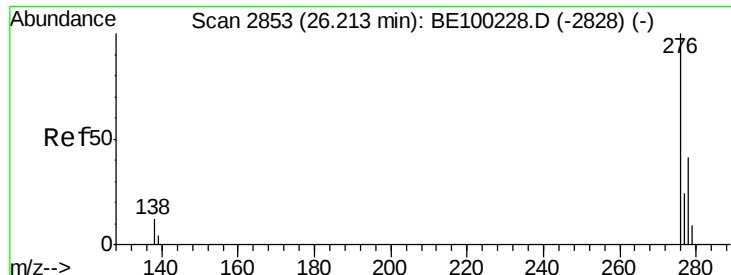
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng

RT: 26.21 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

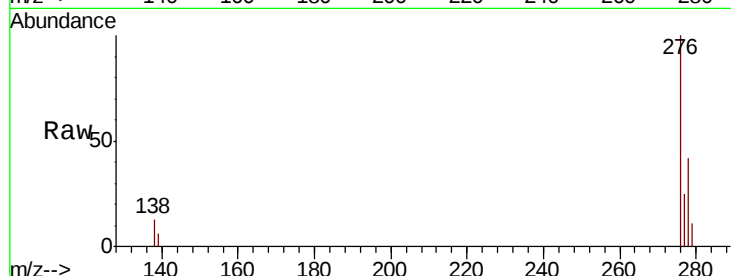
Tot Ion:276 Resp: 14429

Ion Ratio Lower Upper

276 100

138 11.7 9.4 14.0

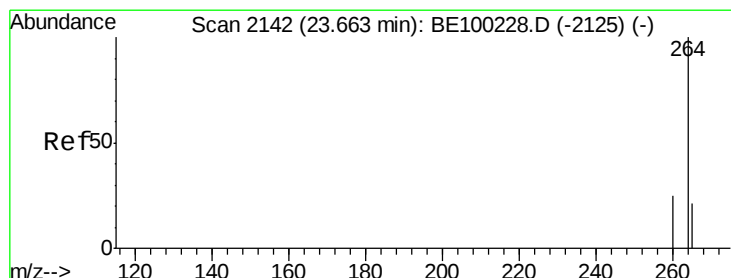
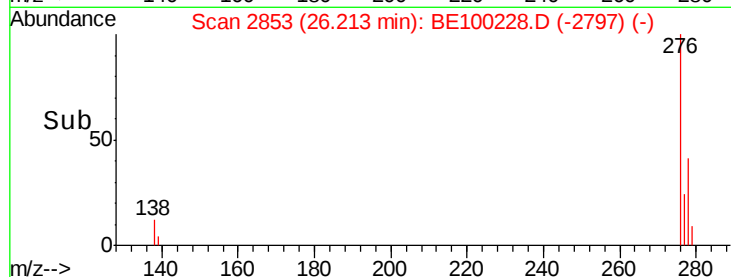
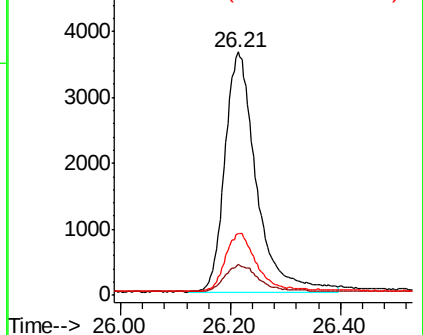
277 24.0 19.2 28.8



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: 23.66 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

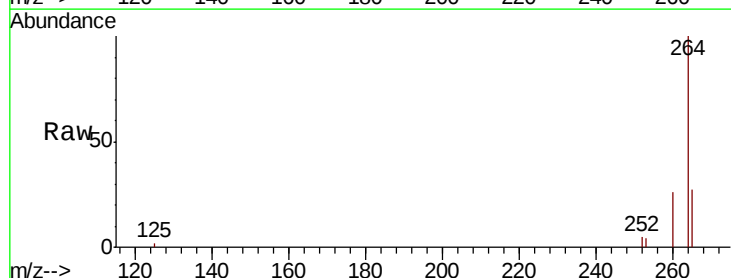
Tgt Ion:264 Resp: 9763

Ion Ratio Lower Upper

264 100

260 26.0 20.8 31.2

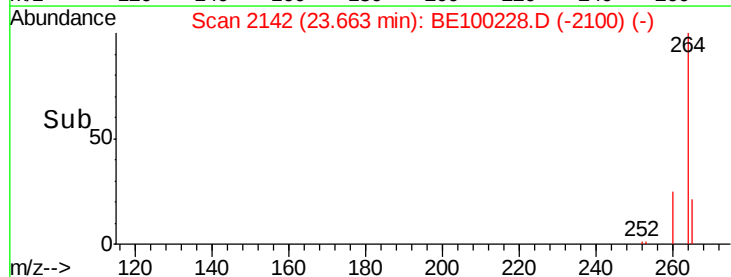
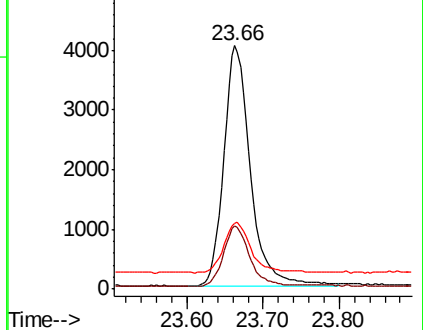
265 27.2 21.8 32.6



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

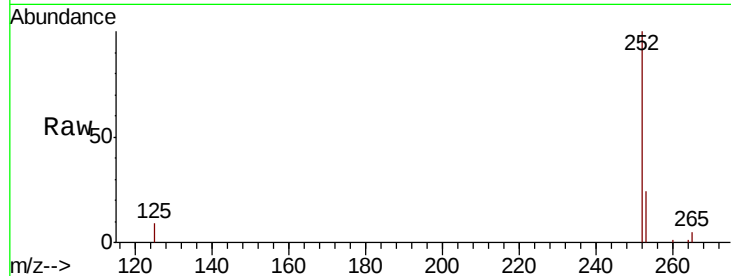




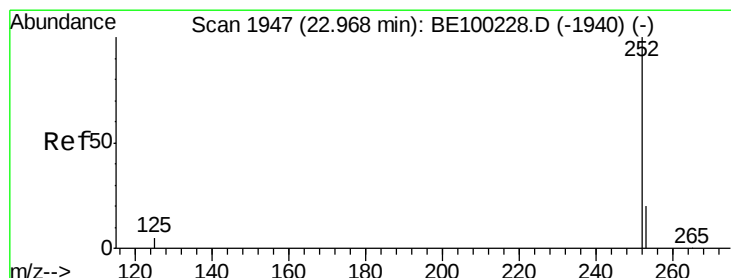
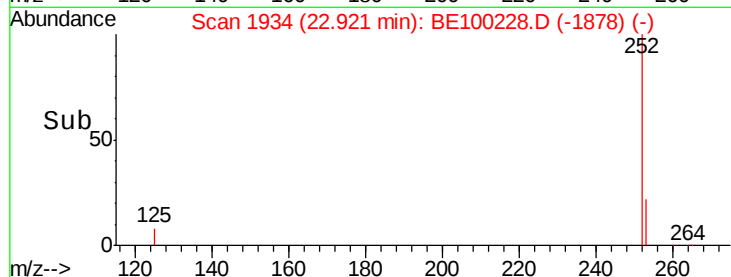
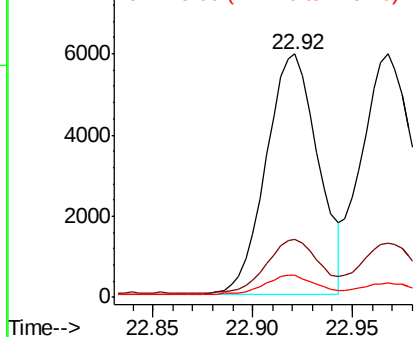
#35
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 22.92 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 10726
Ion Ratio Lower Upper
252 100
253 24.0 19.2 28.8
125 9.2 7.4 11.0

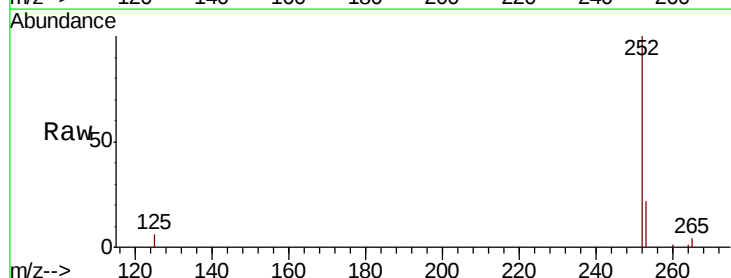


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

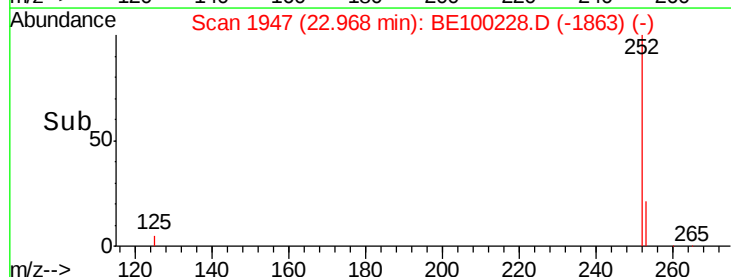
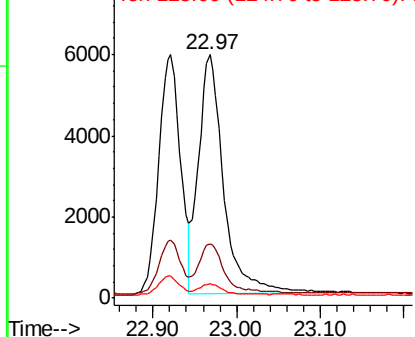


#36
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 22.97 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:252 Resp: 12282
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 6.2 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: 0.406 ng

RT: 23.55 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

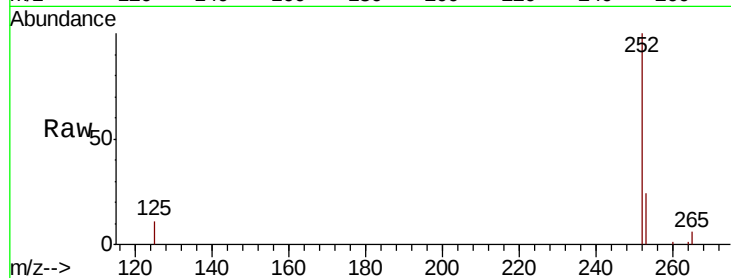
Tot Ion:252 Resp: 11047

Ion Ratio Lower Upper

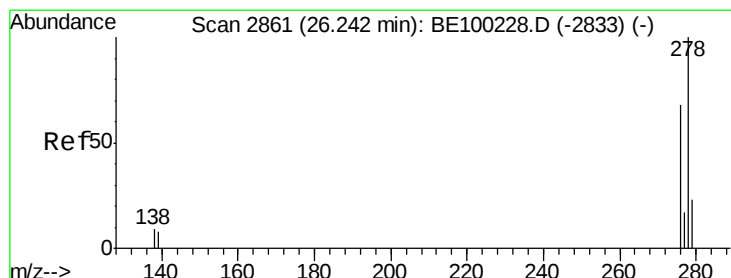
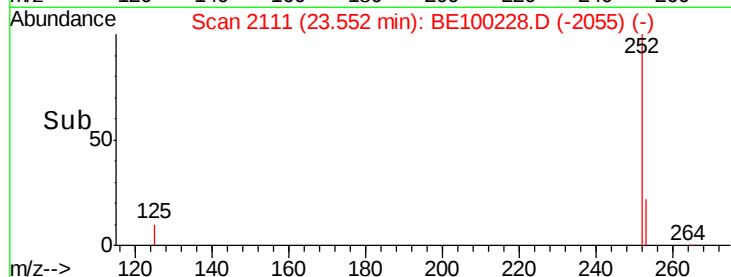
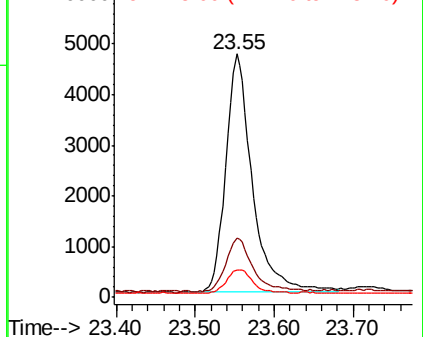
252 100

253 24.5 19.6 29.4

125 11.3 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: 0.384 ng

RT: 26.24 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

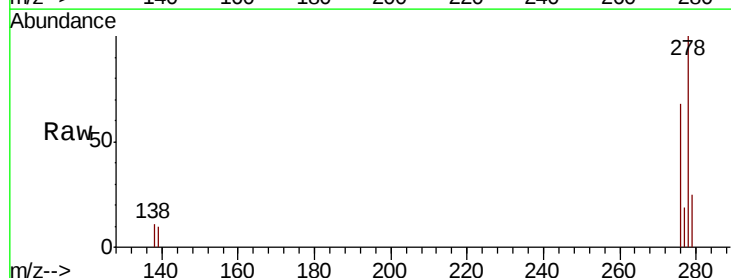
Tgt Ion:278 Resp: 11172

Ion Ratio Lower Upper

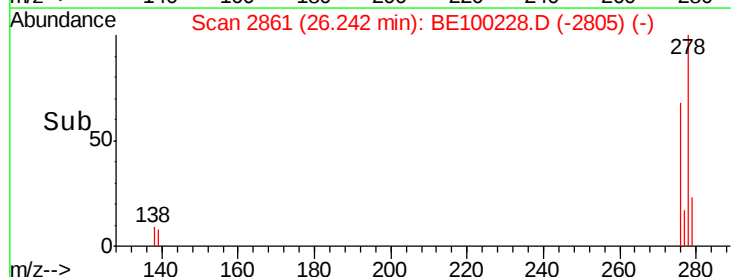
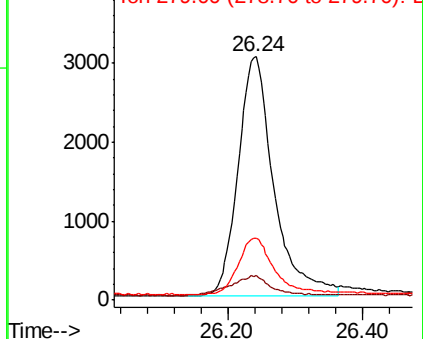
278 100

139 10.2 8.2 12.2

279 25.4 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: 0.390 ng

RT: 27.01 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BE100228.D

Acq: 28 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

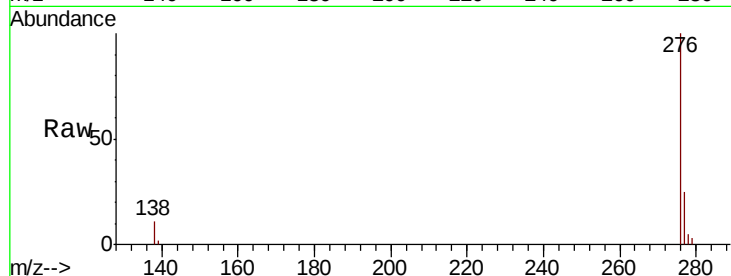
Tot Ion: 276 Resp: 11840

Ion Ratio Lower Upper

276 100

277 25.2 20.2 30.2

138 11.3 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

