

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
 Data File : BE100555.D
 Acq On : 25 Sep 2019 13:14
 Operator : JU
 Sample : K4995-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 00:40:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 18:26:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	8236	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	34776	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	17906	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	33320	0.40	ng	0.00
27) Chrysene-d12	21.37	240	40140	0.40	ng	0.00
34) Perylene-d12	23.83	264	54871	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	6474	0.34	ng	0.00
5) Phenol-d6	7.02	99	8489	0.32	ng	0.00
8) Nitrobenzene-d5	9.00	82	6297	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	15501	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	712	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	18401	0.29	ng	0.00
25) Fluoranthene-d10	19.22	212	110024	0.28	ng	0.00
29) Terphenyl-d14	19.82	244	24839	0.26	ng	0.00

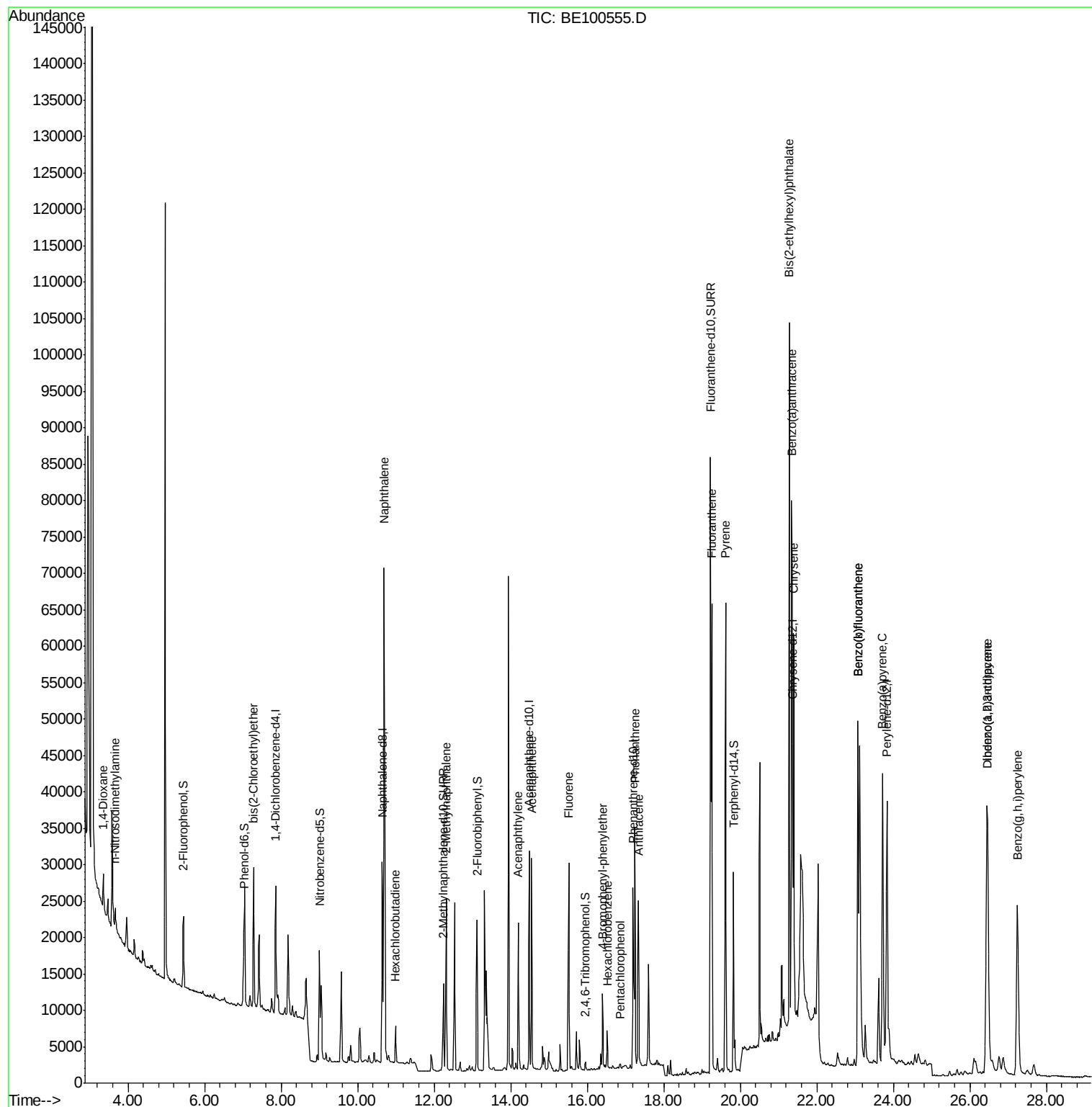
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	2836	0.239	ng	# 77
3) n-Nitrosodimethylamine	3.66	42	2097	0.301	ng	# 87
6) bis(2-Chloroethyl)ether	7.27	93	7634	0.286	ng	88
9) Naphthalene	10.69	128	108948	0.302	ng	100
10) Hexachlorobutadiene	10.99	225	3233	0.280	ng	99
12) 2-Methylnaphthalene	12.31	142	16571	0.289	ng	100
16) Acenaphthylene	14.20	152	24175	0.328	ng	100
17) Acenaphthene	14.54	154	13947	0.280	ng	99
18) Fluorene	15.51	166	16967	0.272	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	4853	0.310	ng	96
21) Hexachlorobenzene	16.52	284	3610	0.265	ng	100
22) Pentachlorophenol	16.85	266	412	0.302	ng	99
23) Phenanthrene	17.24	178	34184	0.368	ng	99
24) Anthracene	17.33	178	24539	0.314	ng	99
26) Fluoranthene	19.25	202	56982	0.509	ng	100
28) Pyrene	19.62	202	60704	0.526	ng	98
30) Benzo(a)anthracene	21.34	228	58945	0.550	ng	99
31) Chrysene	21.40	228	58971	0.483	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	101900	0.882	ng	100
33) Indeno(1,2,3-cd)pyrene	26.44	276	69628	0.513	ng	97
35) Benzo(b)fluoranthene	23.07	252	73842	0.497	ng	98
36) Benzo(k)fluoranthene	23.07	252	73842	0.430	ng	99
37) Benzo(a)pyrene	23.72	252	67952	0.491	ng	99
38) Dibenzo(a,h)anthracene	26.47	278	45718	0.317	ng	99
39) Benzo(g,h,i)perylene	27.24	276	61003	0.405	ng	99

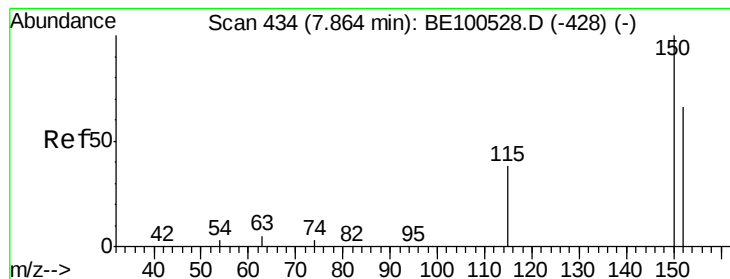
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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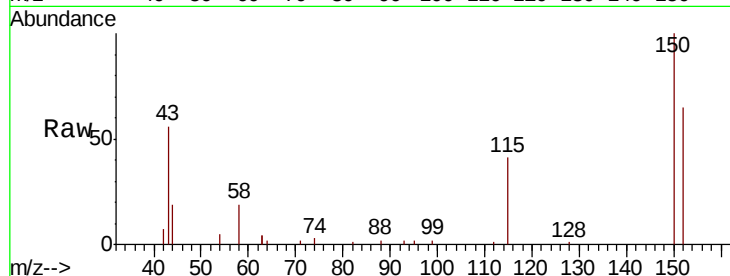


#1

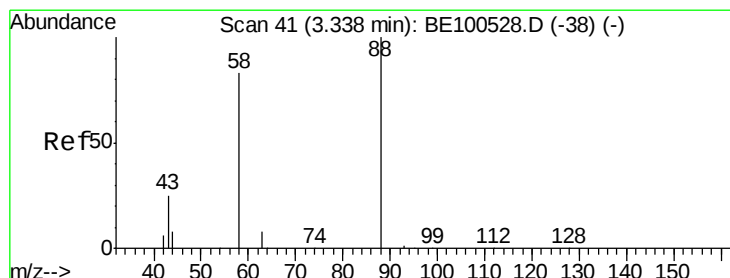
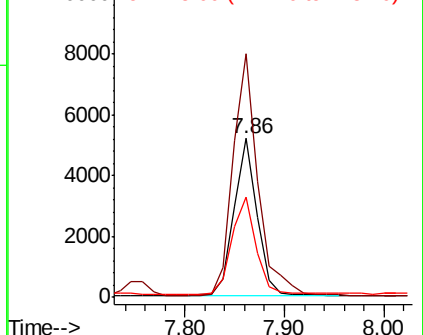
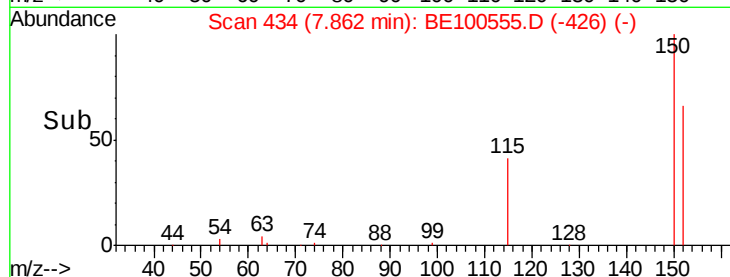
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 8236
Ion Ratio Lower Upper
152 100
150 153.6 121.6 182.4
115 63.5 48.2 72.4



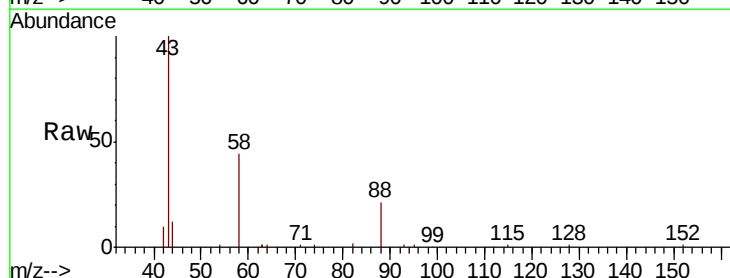
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



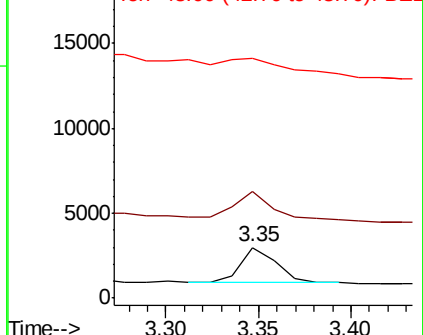
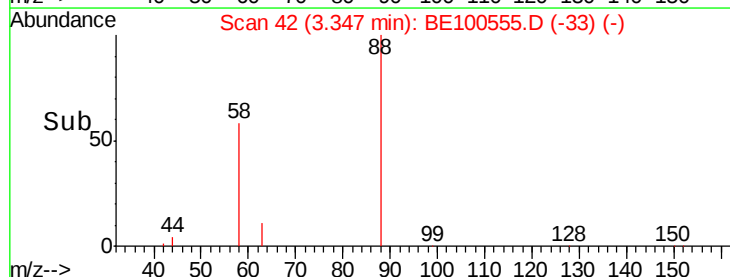
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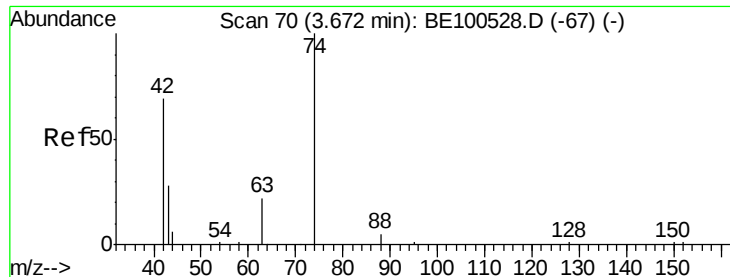
1,4-Dioxane
Concen: 0.239 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion: 88 Resp: 2836
Ion Ratio Lower Upper
88 100
58 79.7 53.3 79.9
43 0.0 16.9 25.3#



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



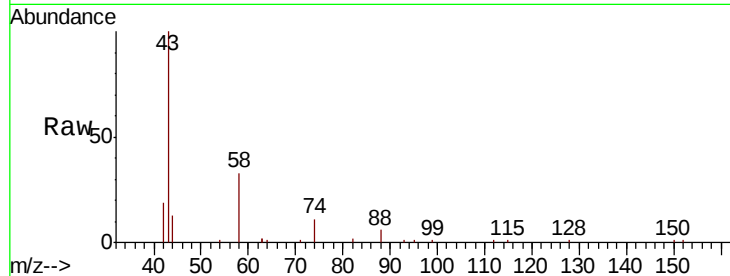


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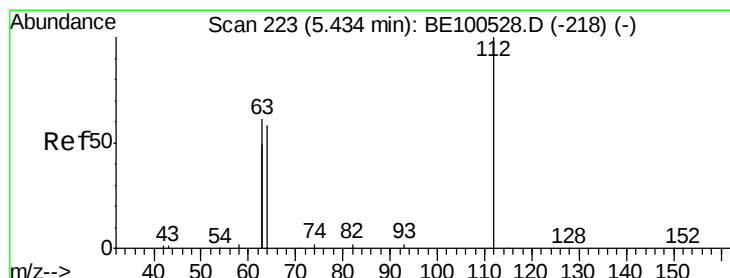
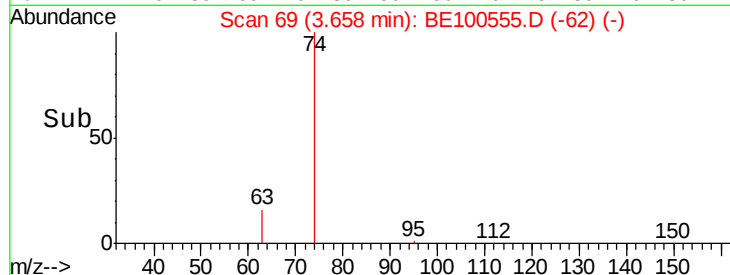
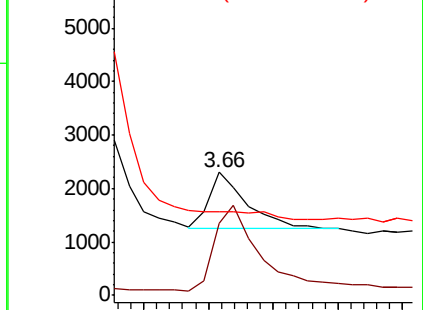
n-Nitrosodimethylamine
 Concen: 0.301 ng
 RT: 3.66 min Scan# 69
 Delta R.T. -0.01 min
 Lab File: BE100555.D
 Acq: 25 Sep 2019 13:14

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 2097
 Ion Ratio Lower Upper
 42 100
 74 184.6 133.8 200.6
 44 0.0 6.4 9.6#



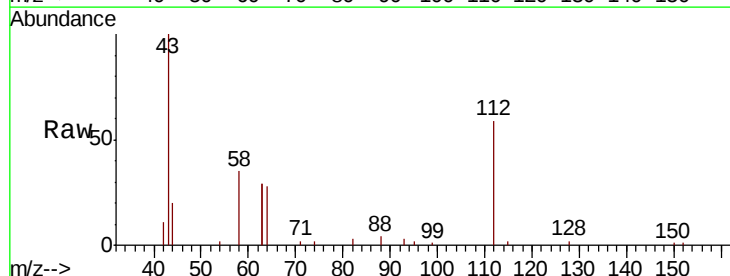
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



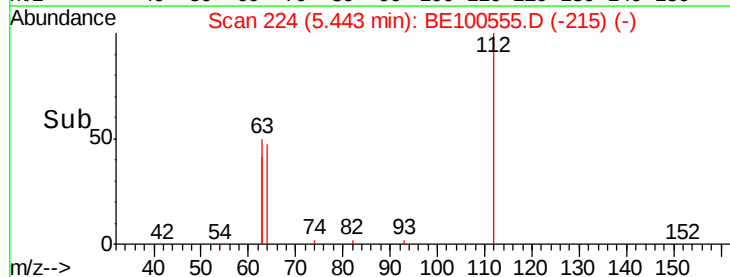
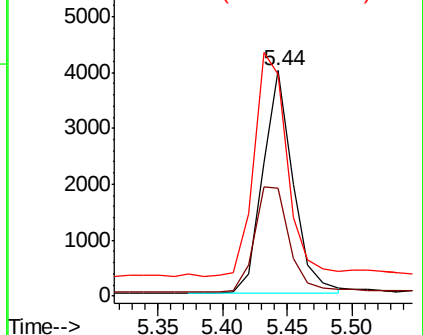
#4

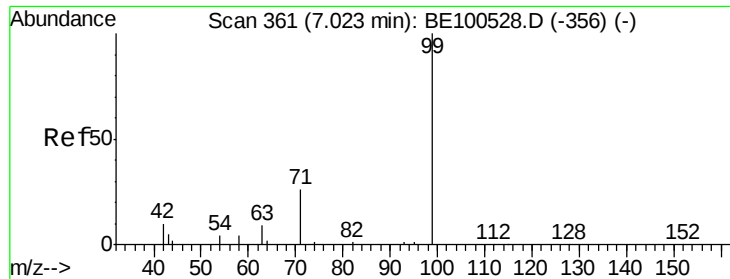
2-Fluorophenol
 Concen: 0.336 ng
 RT: 5.44 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: BE100555.D
 Acq: 25 Sep 2019 13:14

Tgt Ion: 112 Resp: 6474
 Ion Ratio Lower Upper
 112 100
 64 55.1 44.1 66.1
 63 111.4 86.5 129.7



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: 0.322 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampleId :

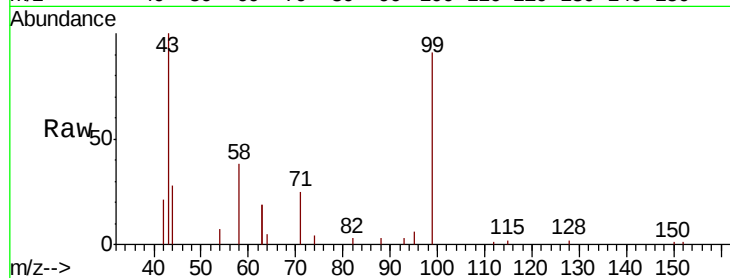
Tot Ion: 99 Resp: 8489

Ion Ratio Lower Upper

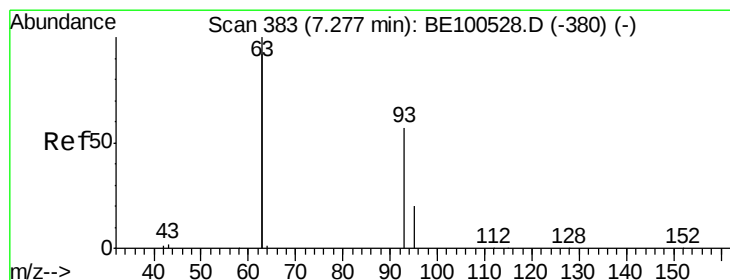
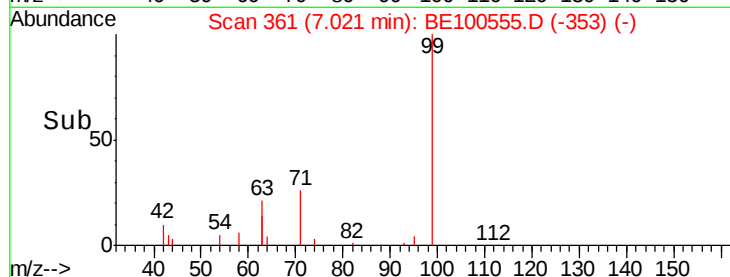
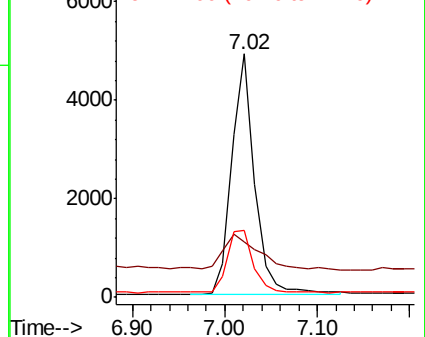
99 100

42 22.5 13.0 19.6#

71 29.6 23.4 35.0



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: 0.286 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

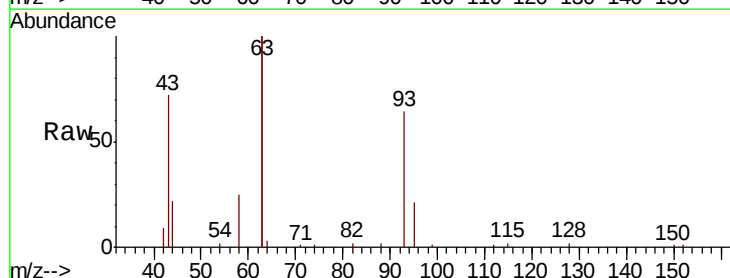
Tgt Ion: 93 Resp: 7634

Ion Ratio Lower Upper

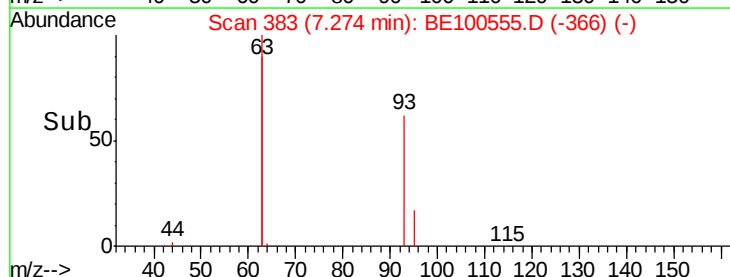
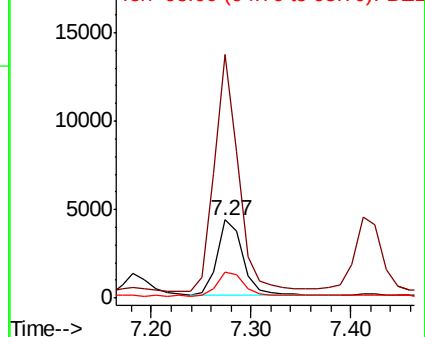
93 100

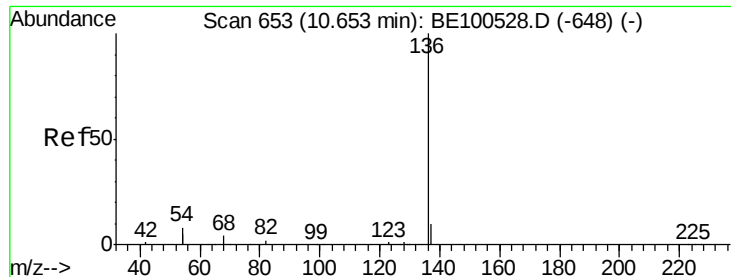
63 289.4 213.4 320.0

95 32.4 23.7 35.5



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: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 34776

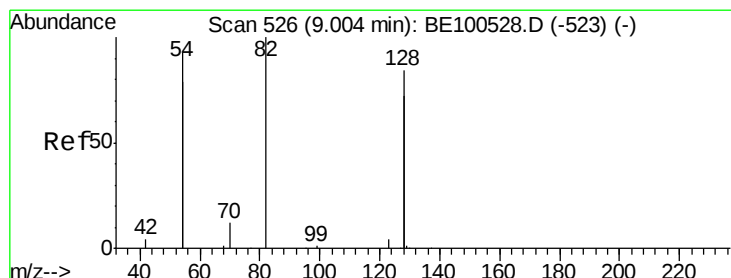
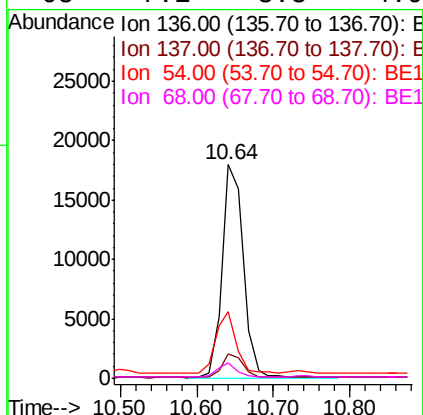
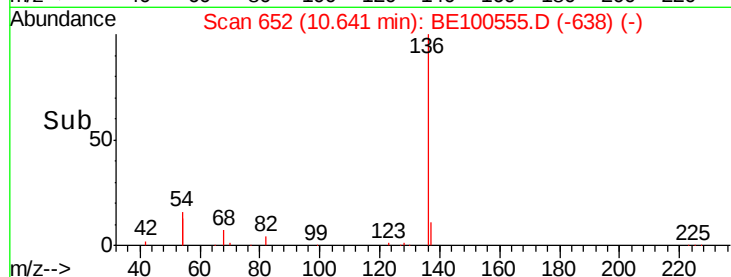
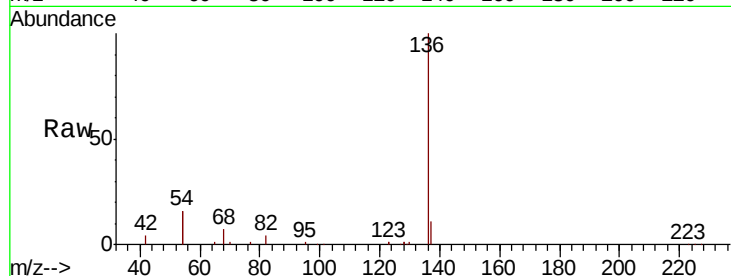
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 31.2 12.4 18.6#

68 7.1 3.3 4.9#



#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

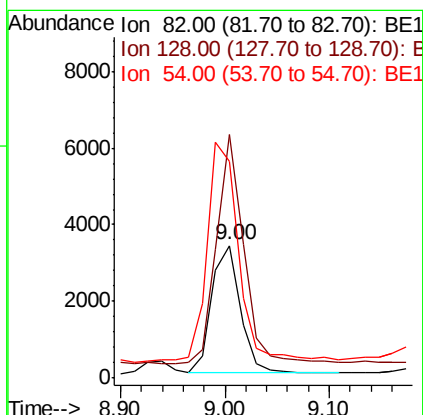
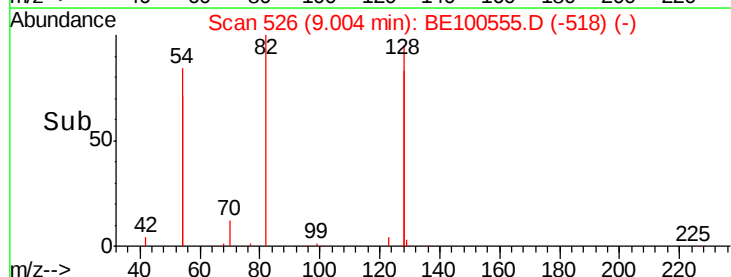
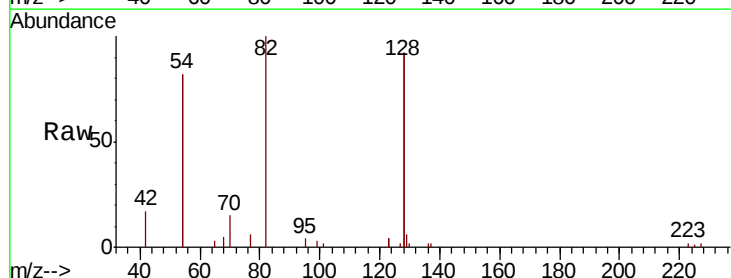
Tgt Ion: 82 Resp: 6297

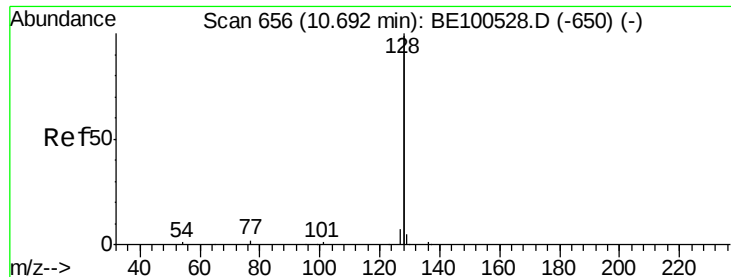
Ion Ratio Lower Upper

82 100

128 183.4 129.4 194.2

54 163.3 143.3 214.9





#9

Naphthalene

Concen: 0.302 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampleId :

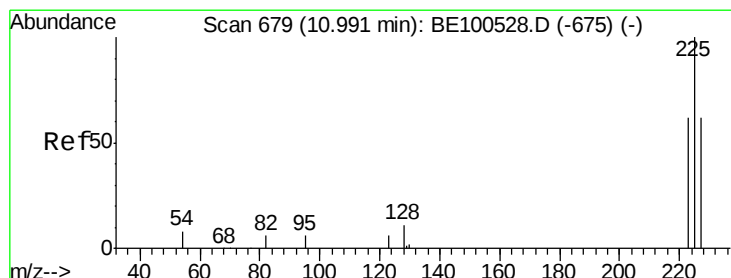
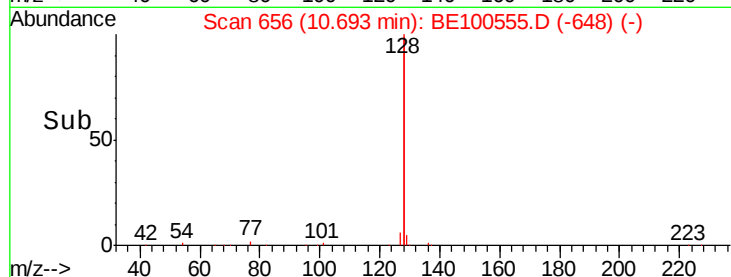
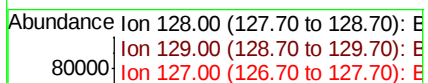
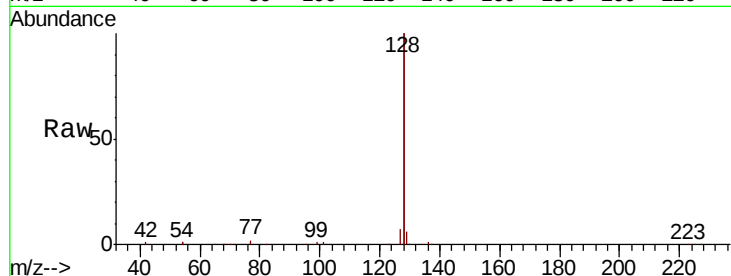
Tot Ion:128 Resp: 108948

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

127 3.4 2.7 4.1



#10

Hexachlorobutadiene

Concen: 0.280 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

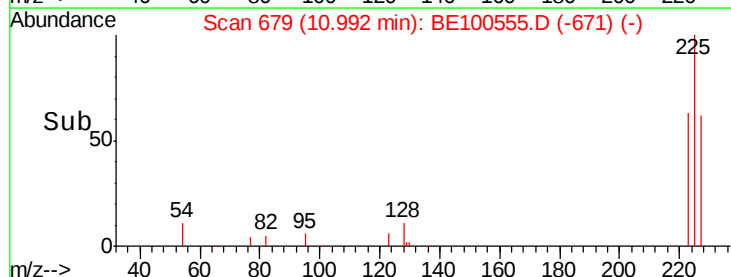
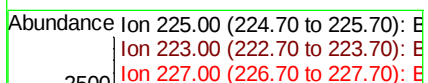
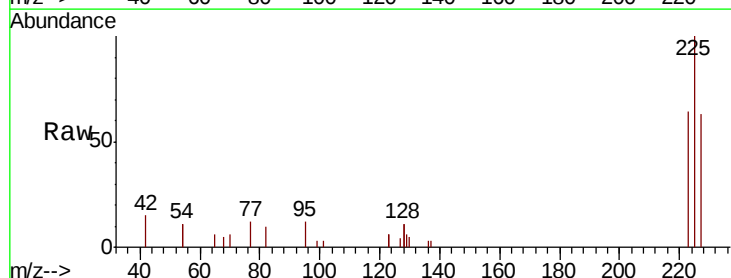
Tgt Ion:225 Resp: 3233

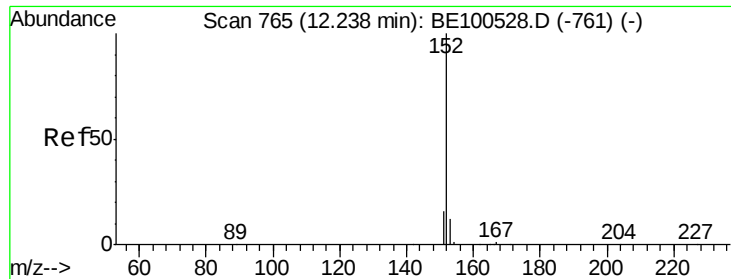
Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

227 63.3 51.4 77.2

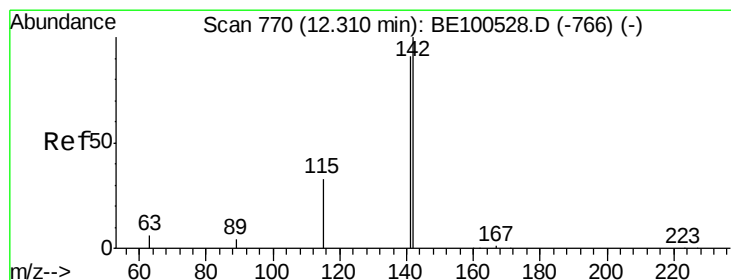
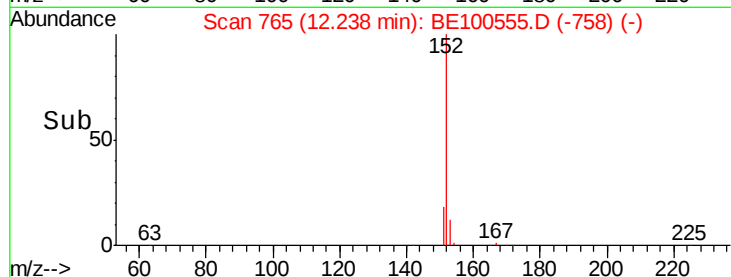
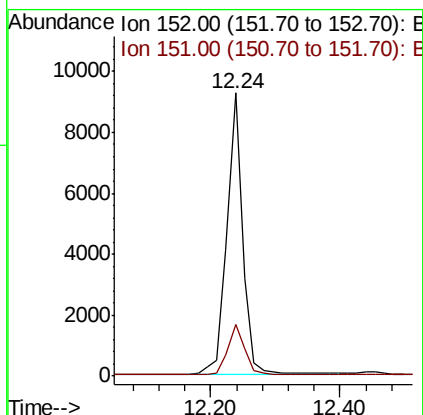
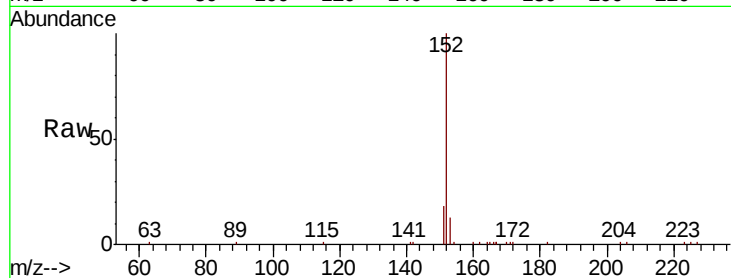




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

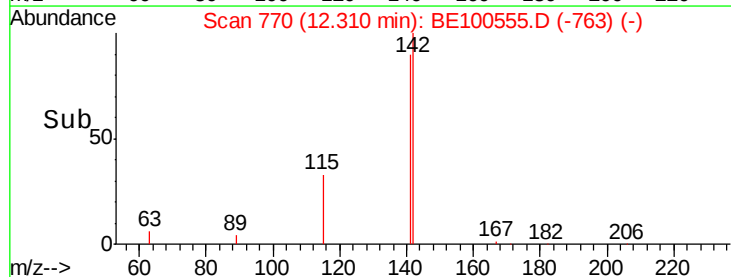
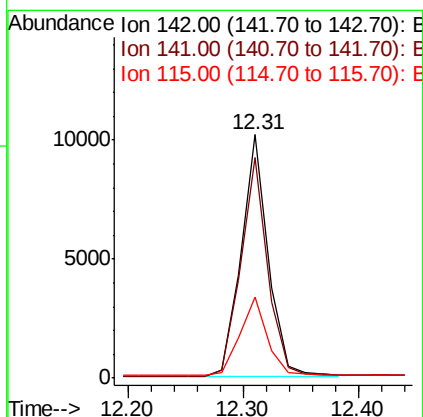
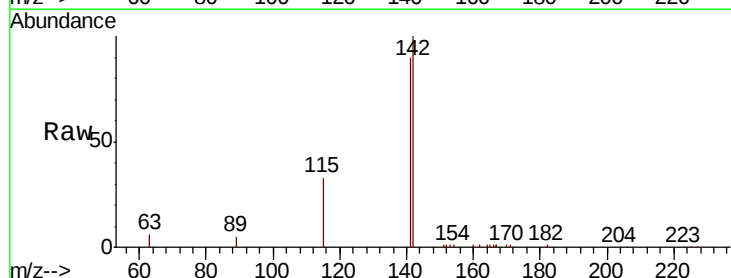
Instrument :
BNA_E
ClientSampled :

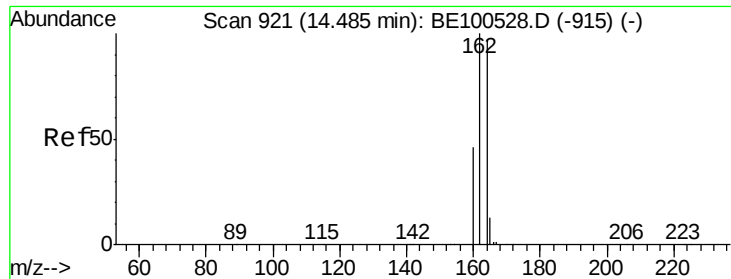
Tot Ion:152 Resp: 15501
Ion Ratio Lower Upper
152 100
151 18.7 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.289 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:142 Resp: 16571
Ion Ratio Lower Upper
142 100
141 90.4 72.5 108.7
115 33.5 27.2 40.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampleId :

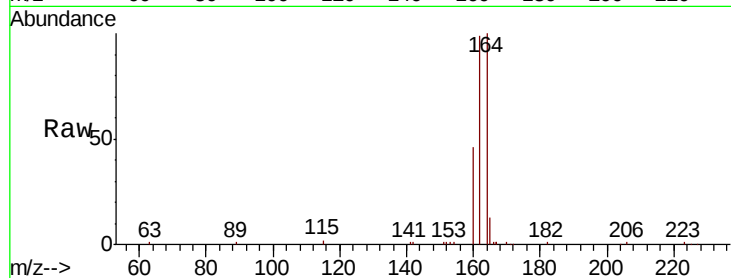
Tot Ion:164 Resp: 17906

Ion Ratio Lower Upper

164 100

162 99.1 82.1 123.1

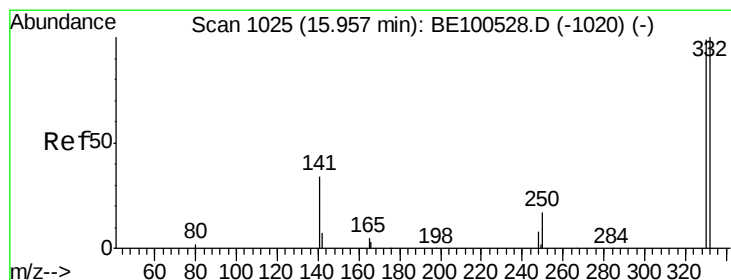
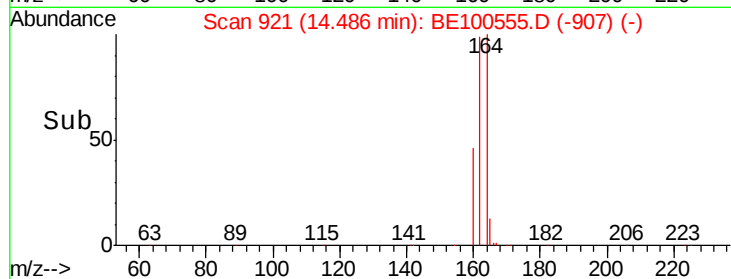
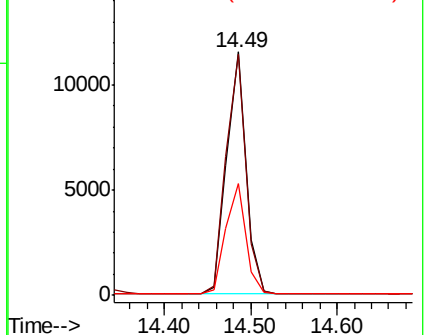
160 45.8 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.246 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

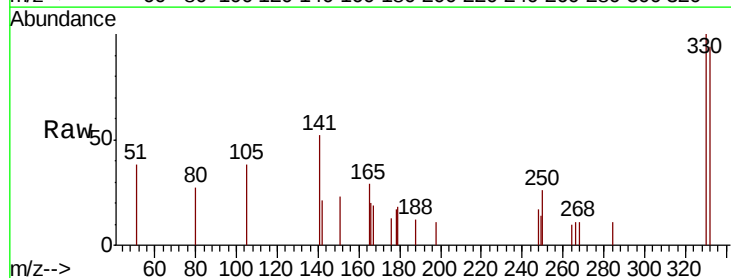
Tgt Ion:330 Resp: 712

Ion Ratio Lower Upper

330 100

332 92.8 75.5 113.3

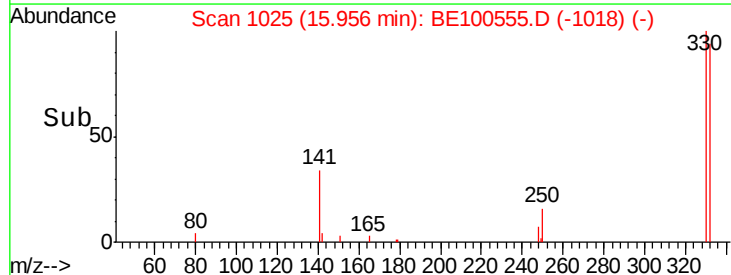
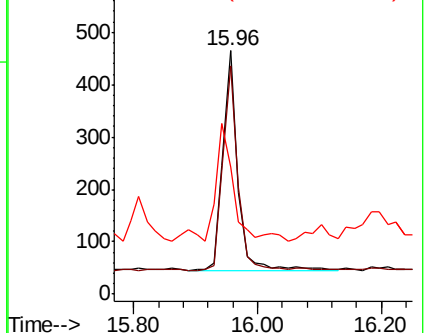
141 48.6 42.3 63.5

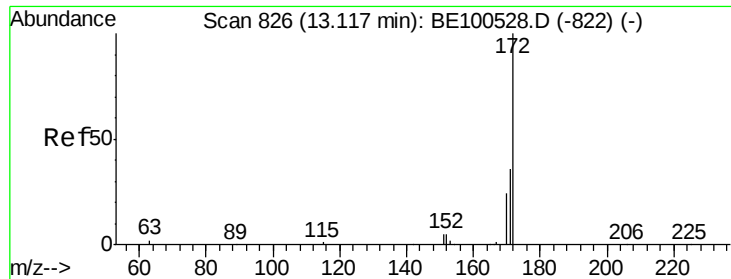


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

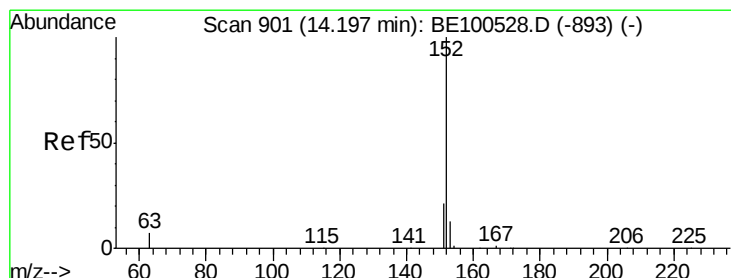
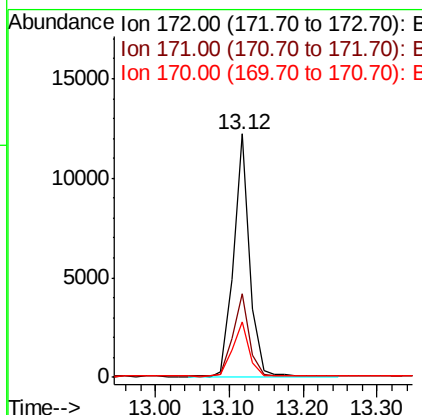
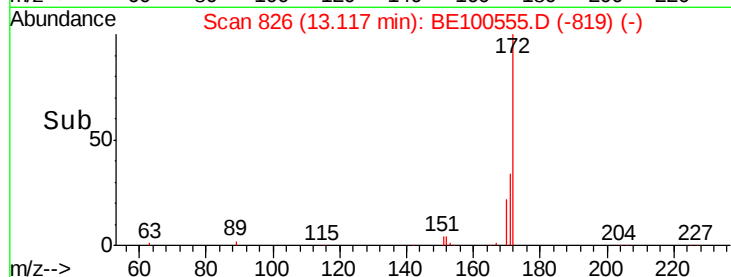
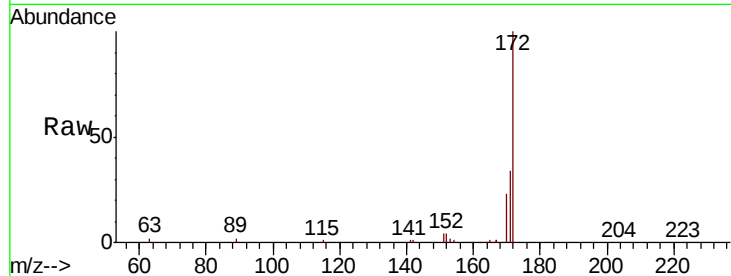




#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

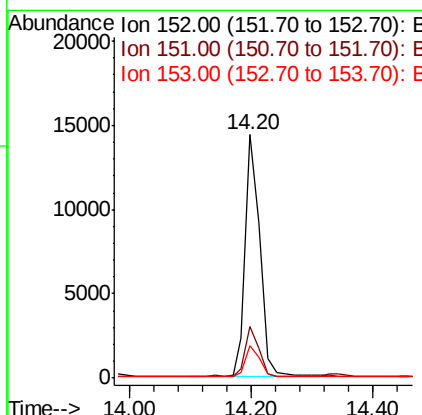
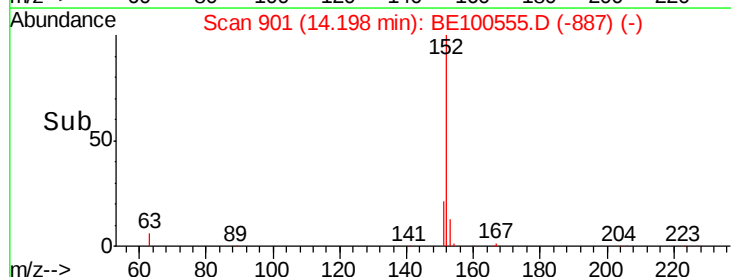
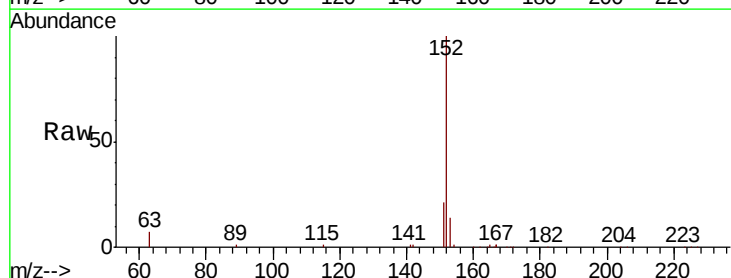
Instrument :
BNA_E
ClientSampleId :

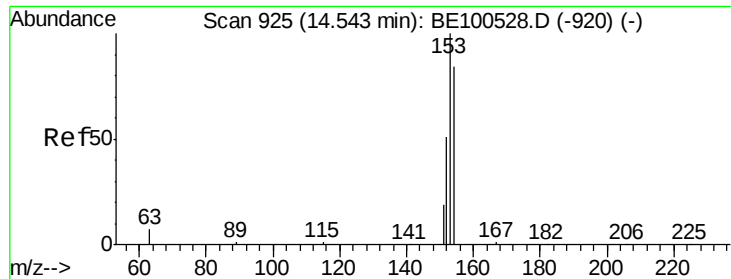
Tot Ion:172 Resp: 18401
Ion Ratio Lower Upper
172 100
171 34.4 28.8 43.2
170 22.8 19.4 29.0



#16
Acenaphthylene
Concen: 0.328 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:152 Resp: 24175
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 10.7 16.1

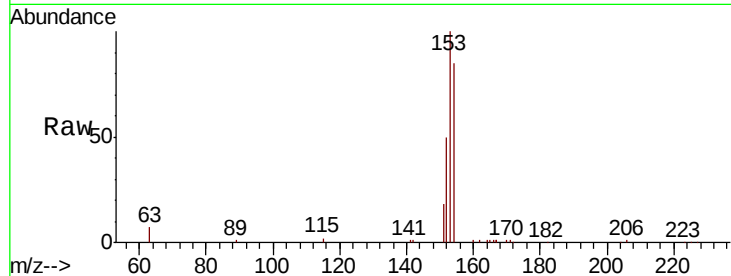




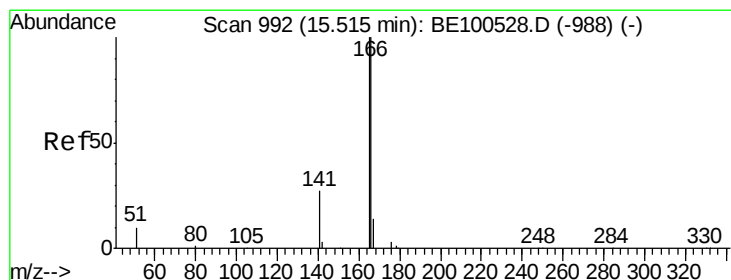
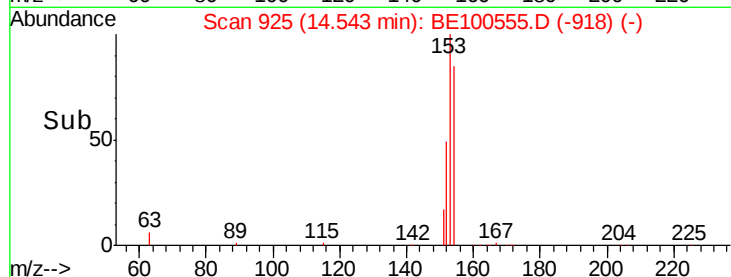
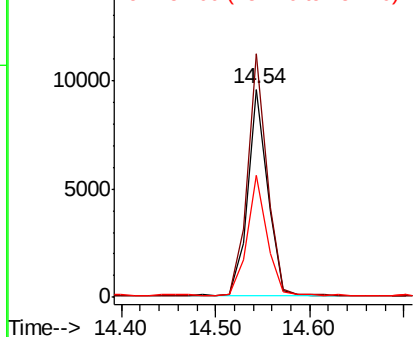
#17
Acenaphthene
Concen: 0.280 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 13947
Ion Ratio Lower Upper
154 100
153 116.6 93.7 140.5
152 58.2 47.3 70.9

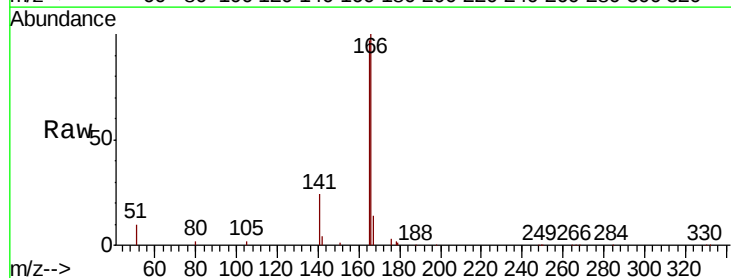


Abundance Ion 154.00 (153.70 to 154.70): E
15000 Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

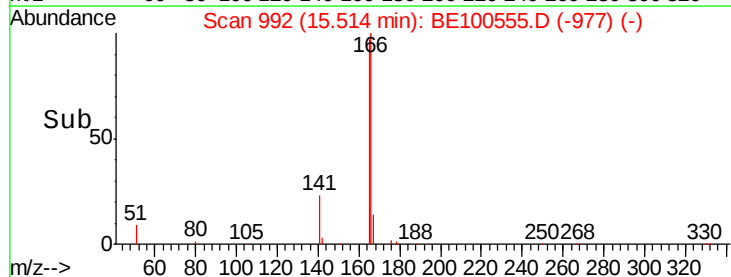
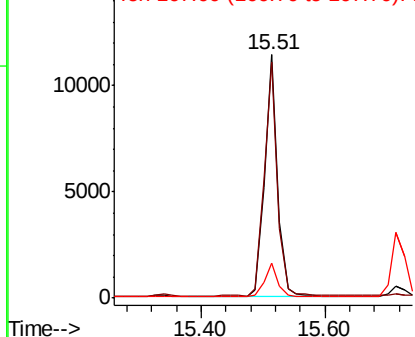


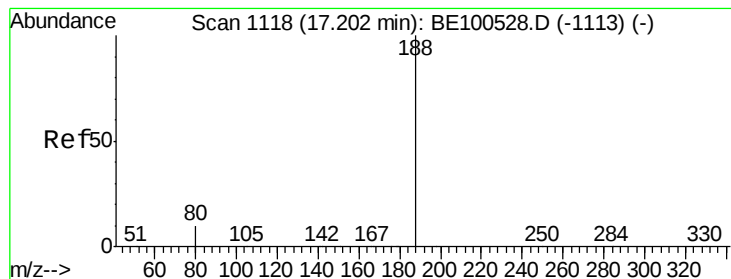
#18
Fluorene
Concen: 0.272 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:166 Resp: 16967
Ion Ratio Lower Upper
166 100
165 99.2 80.1 120.1
167 13.8 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
15000 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: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampleId :

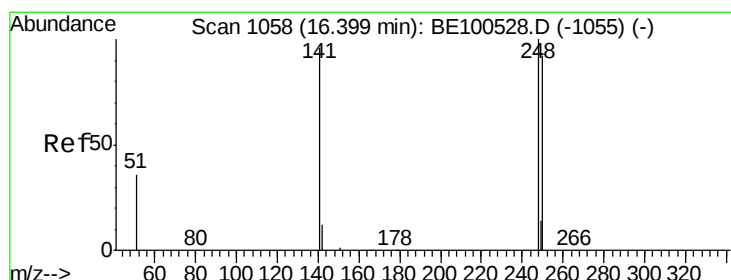
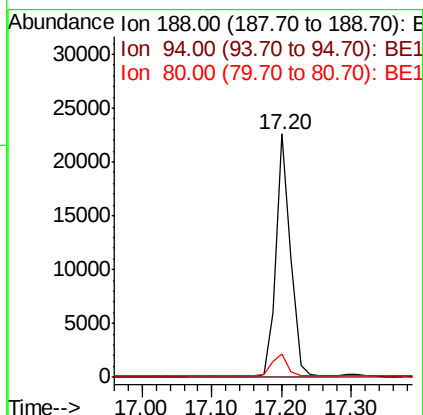
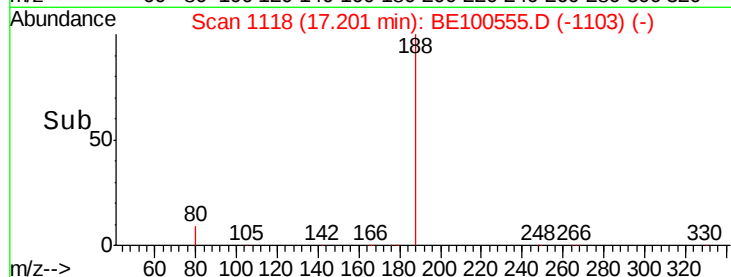
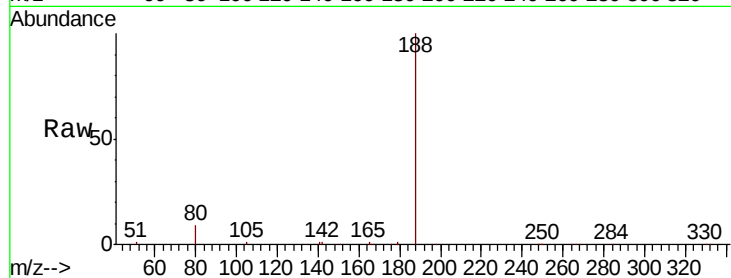
Tot Ion:188 Resp: 33320

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 8.0 12.0



#20

4-Bromophenyl-phenylether

Concen: 0.310 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

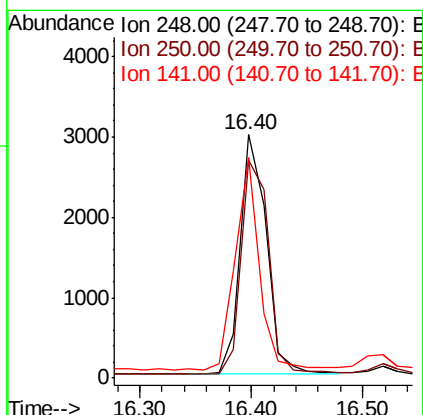
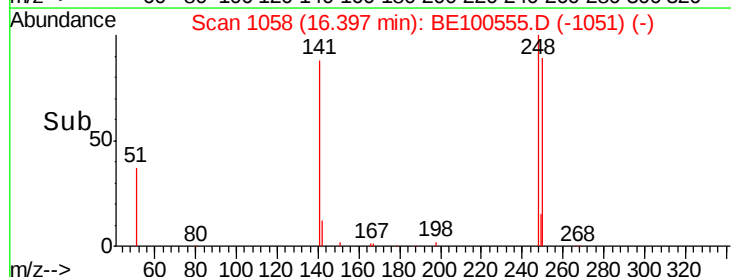
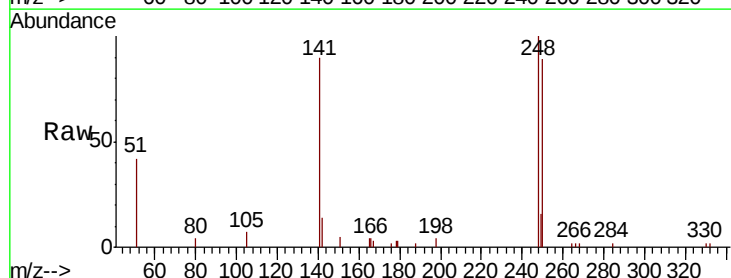
Tgt Ion:248 Resp: 4853

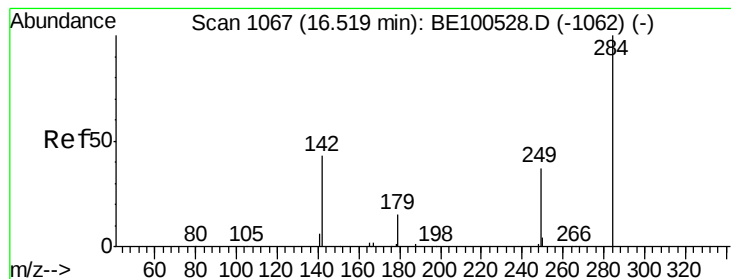
Ion Ratio Lower Upper

248 100

250 89.3 73.5 110.3

141 90.5 77.0 115.4





#21

Hexachlorobenzene

Concen: 0.265 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampleId :

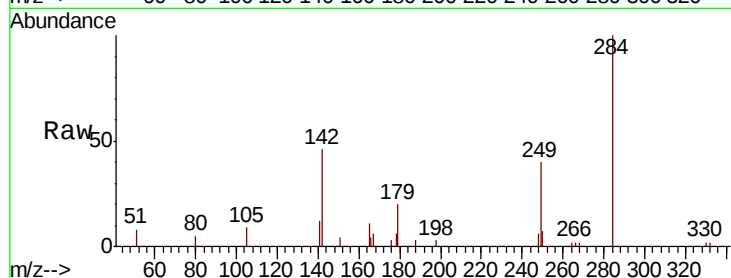
Tot Ion:284 Resp: 3610

Ion Ratio Lower Upper

284 100

142 48.8 39.0 58.6

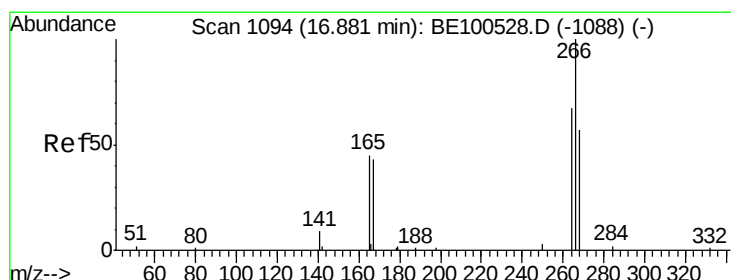
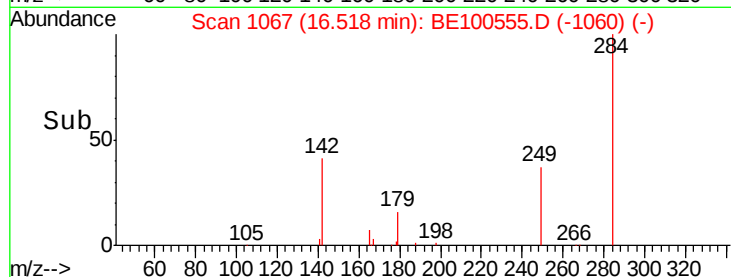
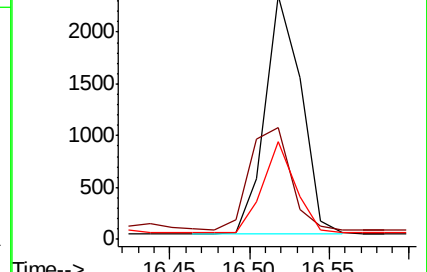
249 35.1 28.2 42.2



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: 0.302 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.03 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

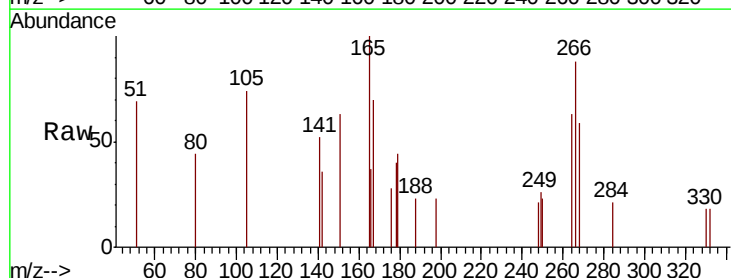
Tgt Ion:266 Resp: 412

Ion Ratio Lower Upper

266 100

264 72.3 57.6 86.4

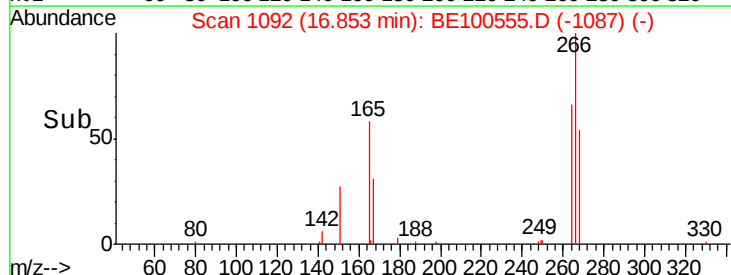
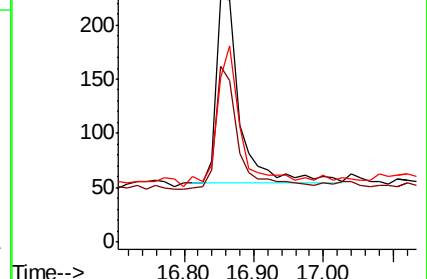
268 67.4 55.1 82.7

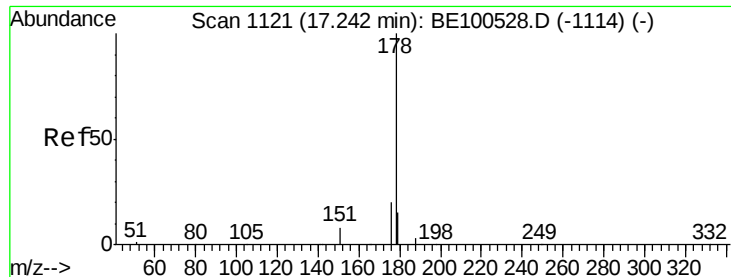


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.368 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampleId :

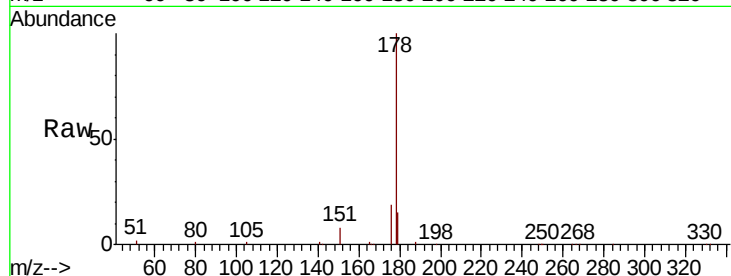
Tot Ion:178 Resp: 34184

Ion Ratio Lower Upper

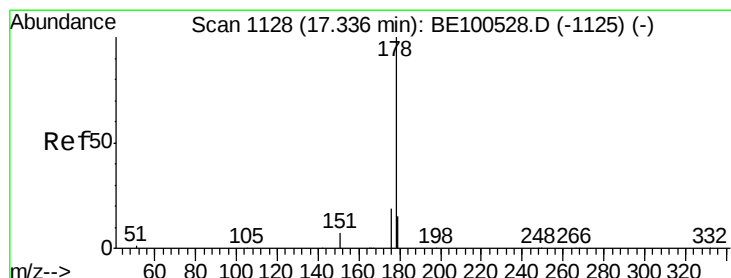
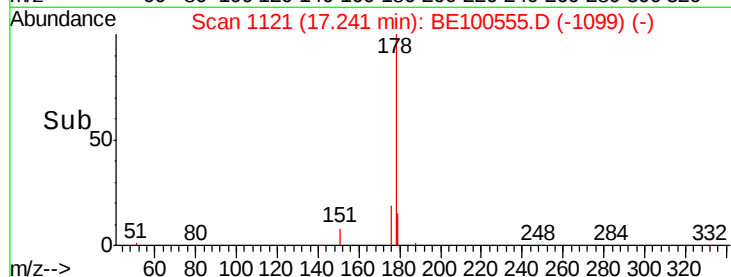
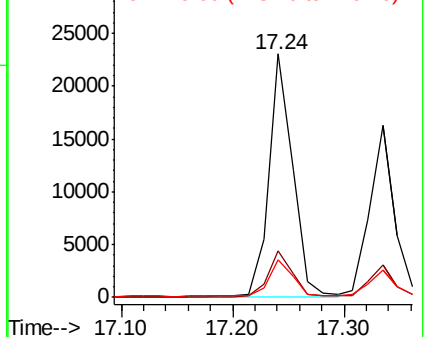
178 100

176 18.9 15.4 23.2

179 15.5 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: 0.314 ng

RT: 17.33 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

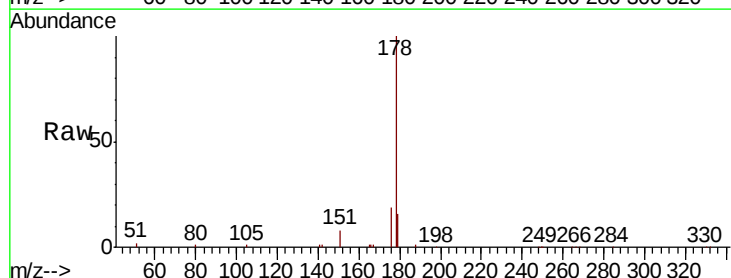
Tgt Ion:178 Resp: 24539

Ion Ratio Lower Upper

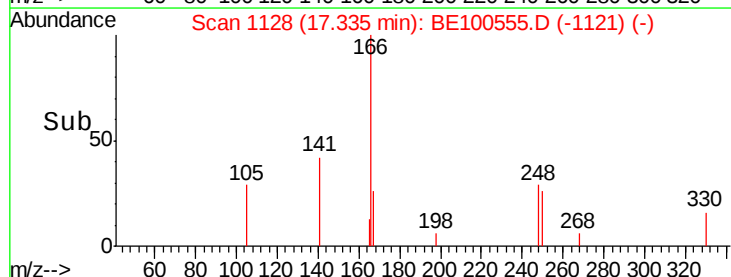
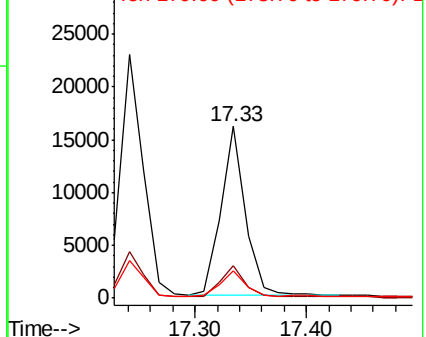
178 100

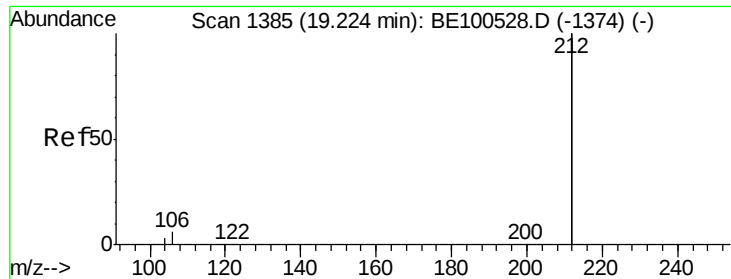
176 18.5 15.2 22.8

179 15.4 12.2 18.4



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: 0.278 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampleId :

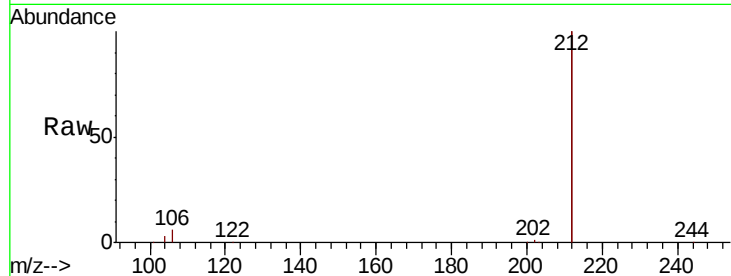
Tot Ion:212 Resp: 110024

Ion Ratio Lower Upper

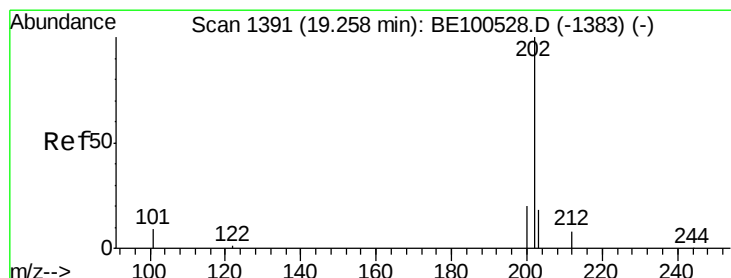
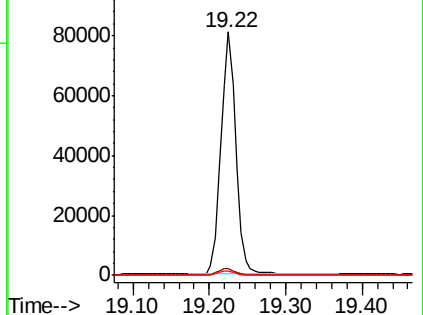
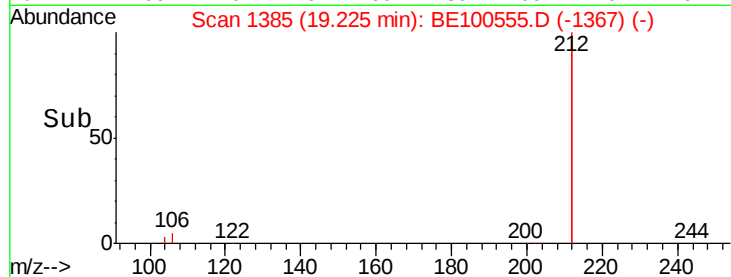
212 100

106 3.0 2.3 3.5

104 1.8 1.3 1.9



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: 0.509 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

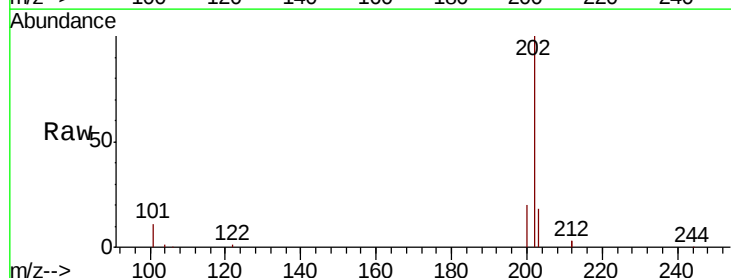
Tgt Ion:202 Resp: 56982

Ion Ratio Lower Upper

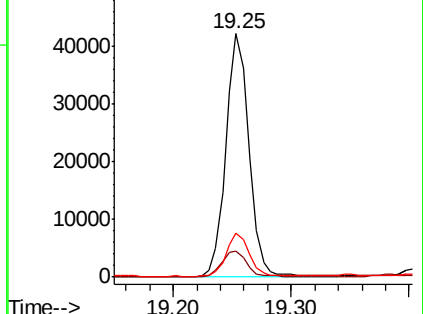
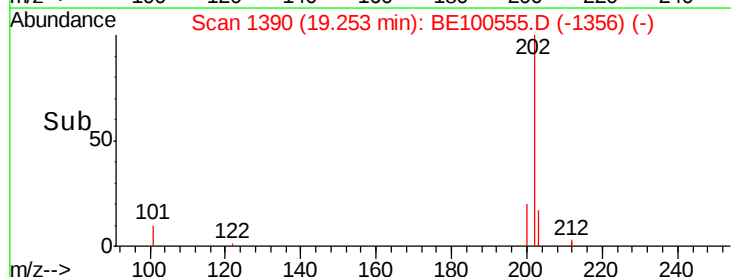
202 100

101 11.0 8.8 13.2

203 17.4 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

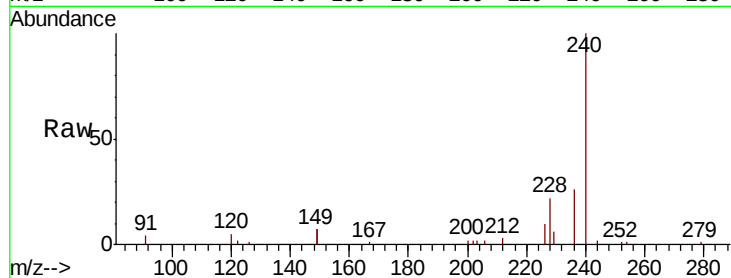




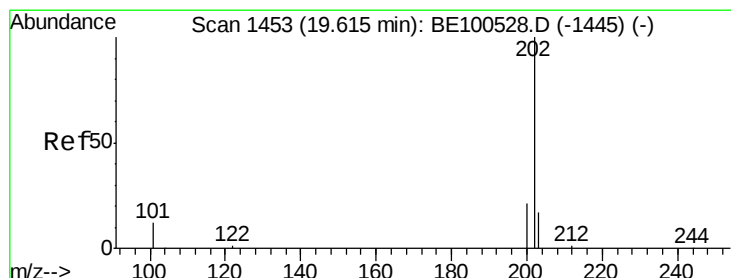
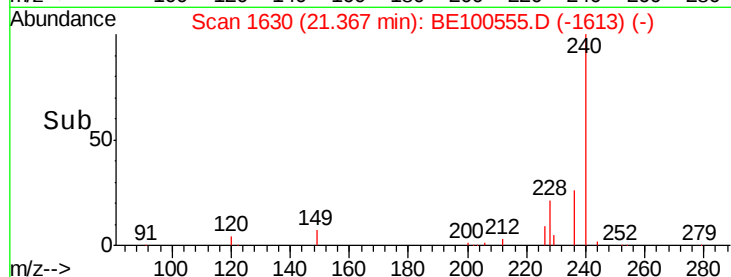
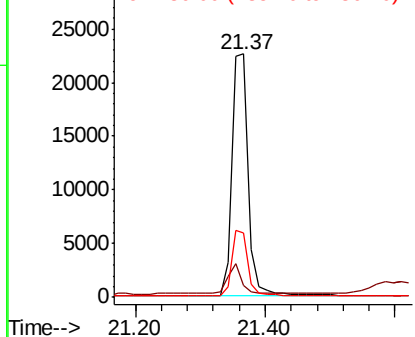
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 40140
Ion Ratio Lower Upper
240 100
120 5.1 4.5 6.7
236 26.4 20.6 30.8

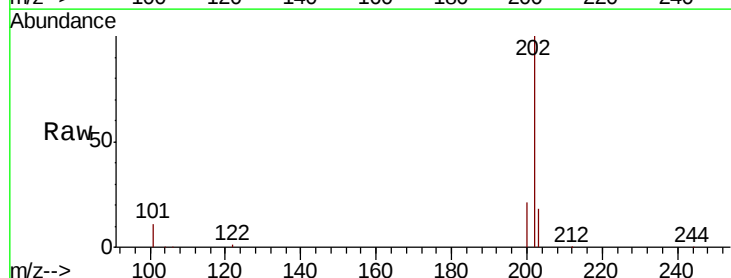


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

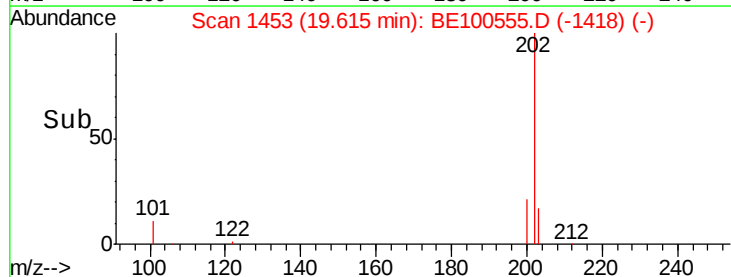
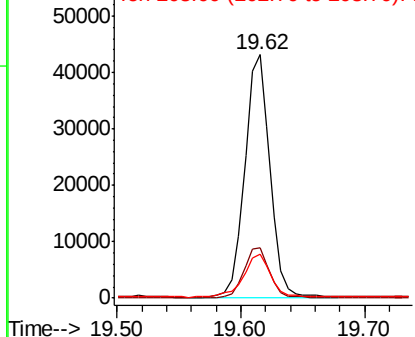


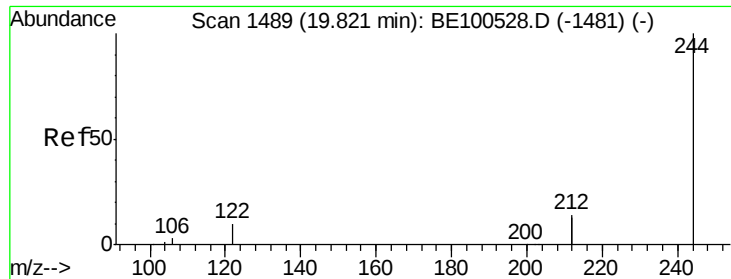
#28
Pyrene
Concen: 0.526 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:202 Resp: 60704
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 19.0 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: 0.261 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampleId :

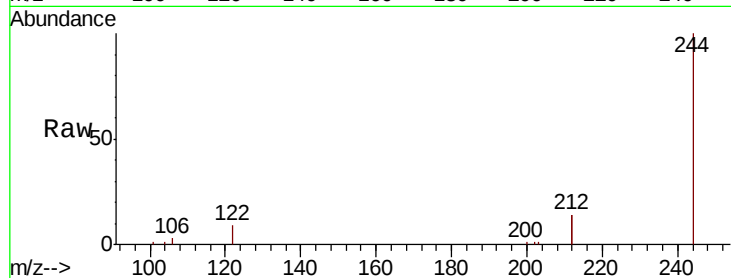
Tot Ion:244 Resp: 24839

Ion Ratio Lower Upper

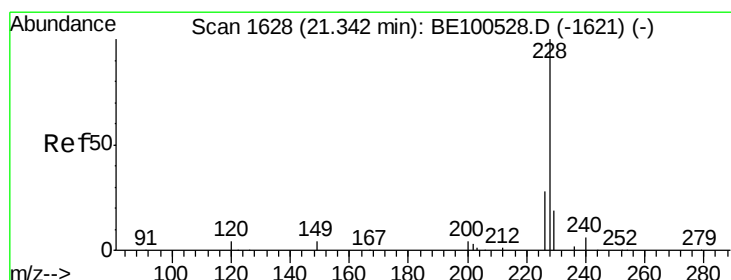
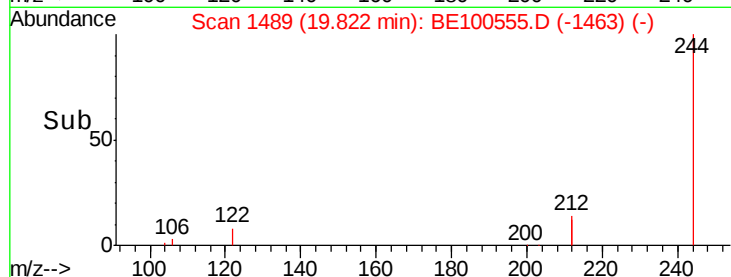
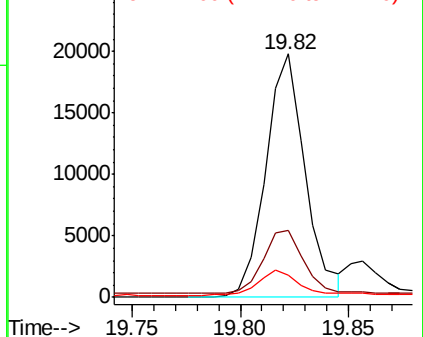
244 100

212 27.7 22.2 33.2

122 9.3 8.3 12.5



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: 0.550 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

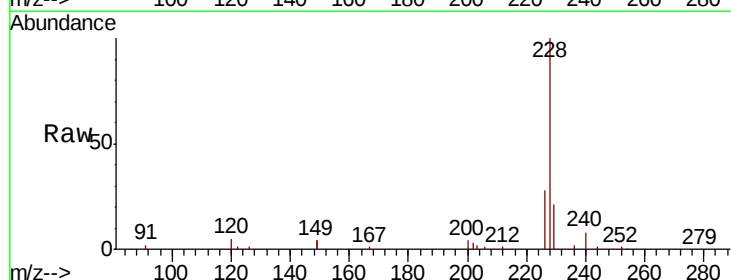
Tgt Ion:228 Resp: 58945

Ion Ratio Lower Upper

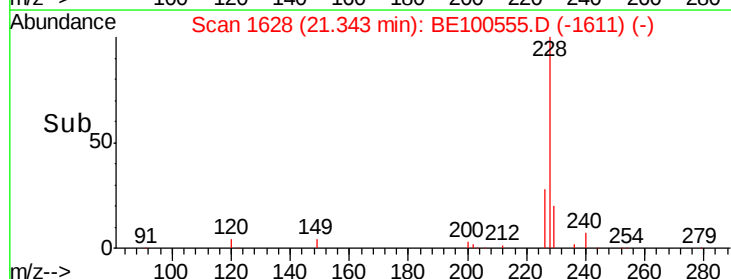
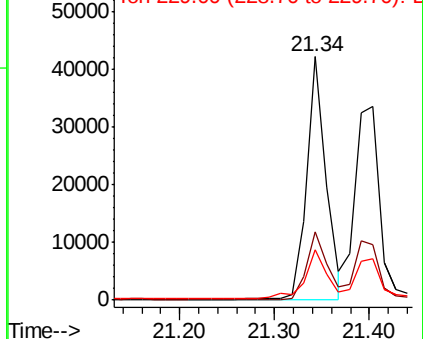
228 100

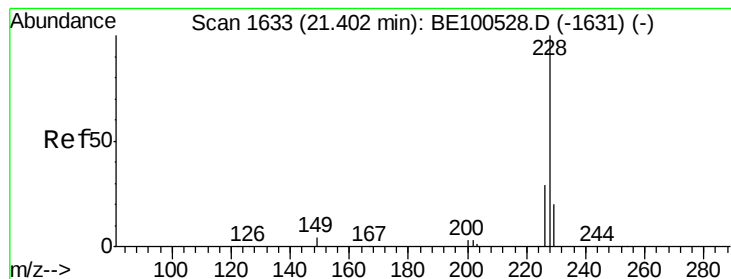
226 28.2 22.5 33.7

229 20.5 15.4 23.2



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: 0.483 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampleId :

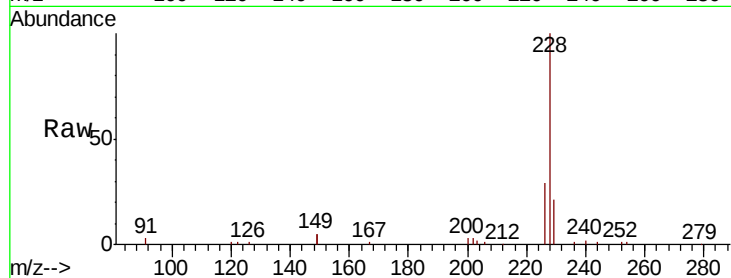
Tot Ion:228 Resp: 58971

Ion Ratio Lower Upper

228 100

226 28.9 23.3 34.9

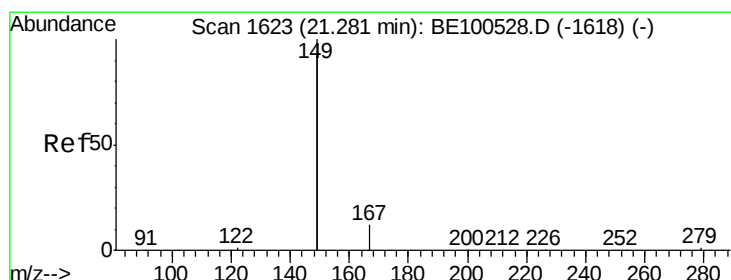
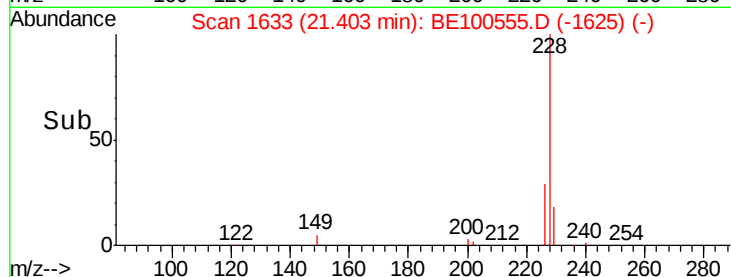
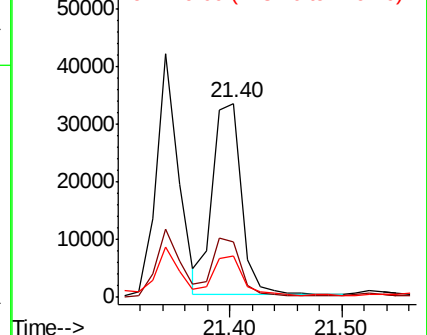
229 21.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.882 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

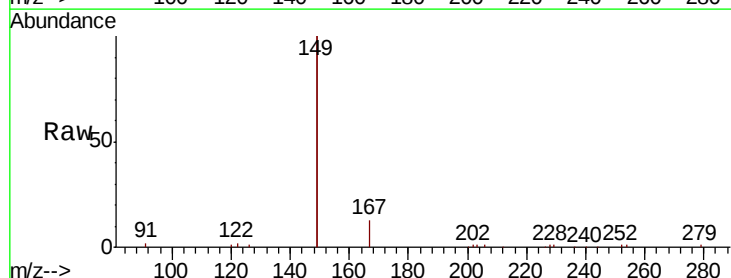
Tgt Ion:149 Resp: 101900

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

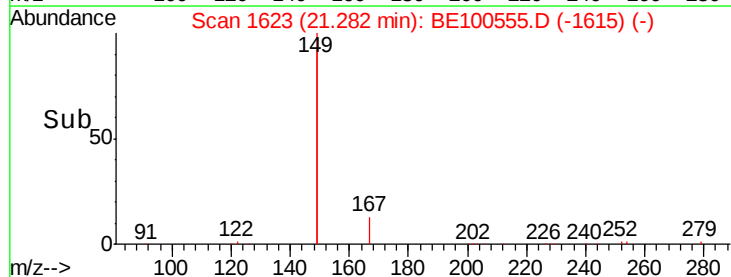
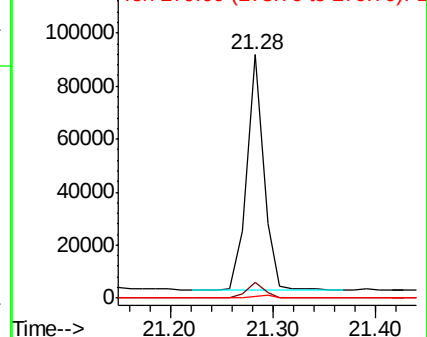
279 1.1 1.0 1.4

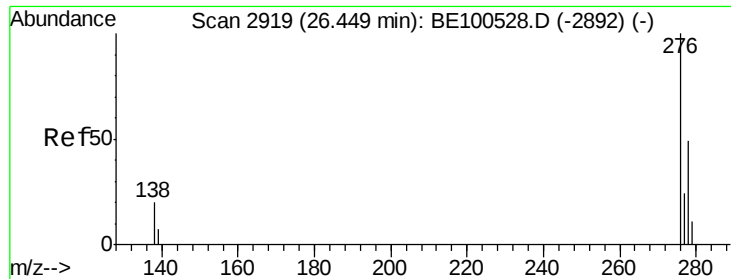


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

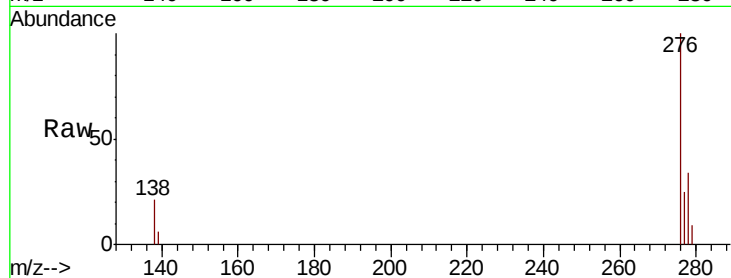




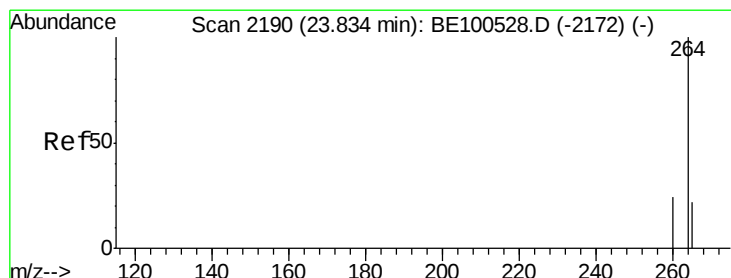
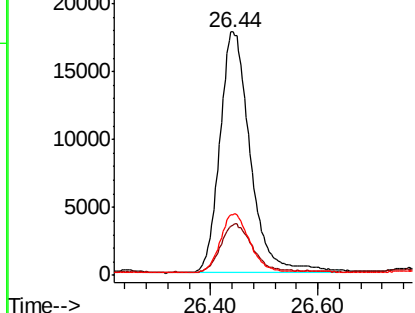
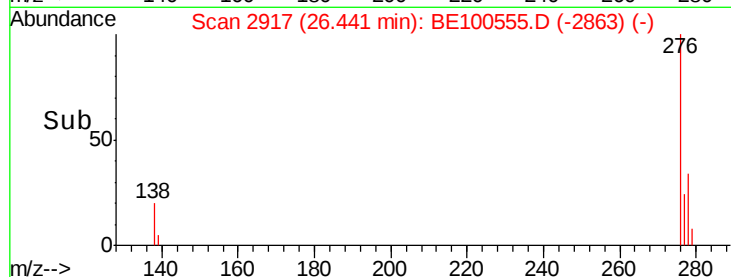
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.513 ng
RT: 26.44 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 69628
Ion Ratio Lower Upper
276 100
138 20.9 17.7 26.5
277 23.2 19.9 29.9

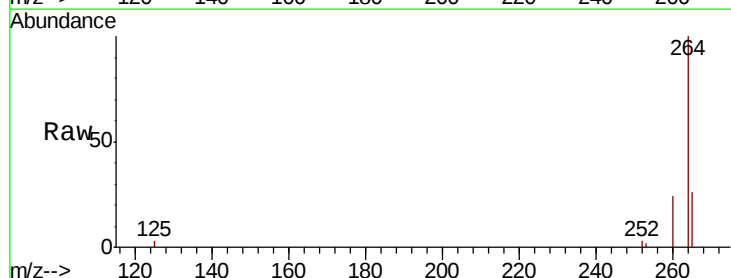


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

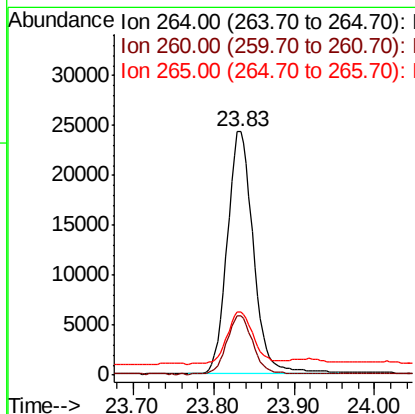
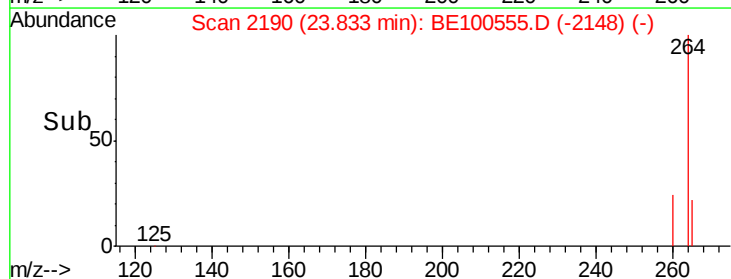


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:264 Resp: 54871
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 26.2 21.8 32.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

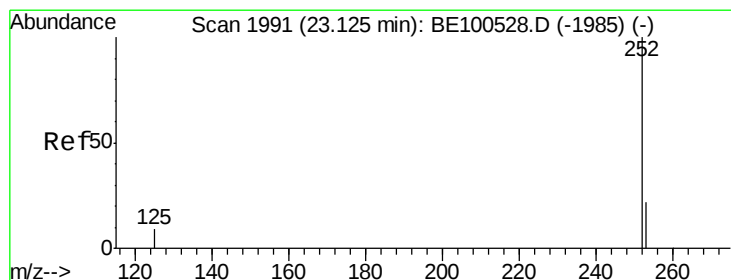
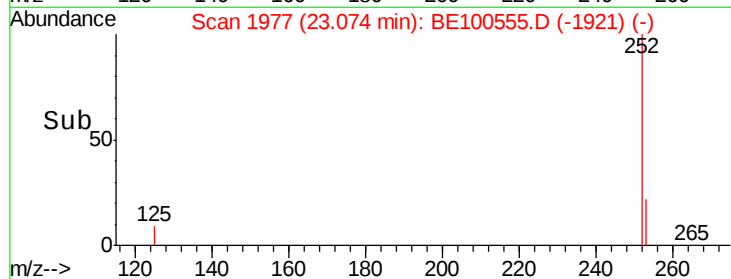
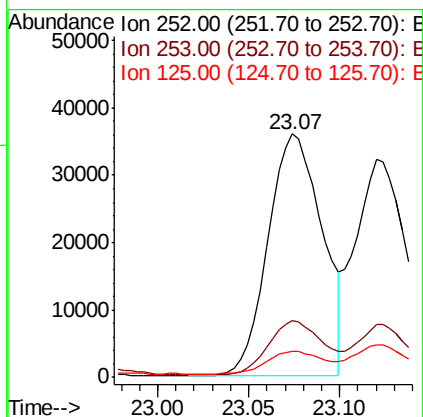
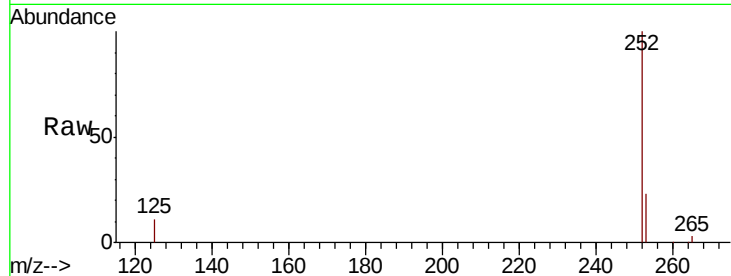




#35
Benzo(b)fluoranthene
Concen: 0.497 ng
RT: 23.07 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

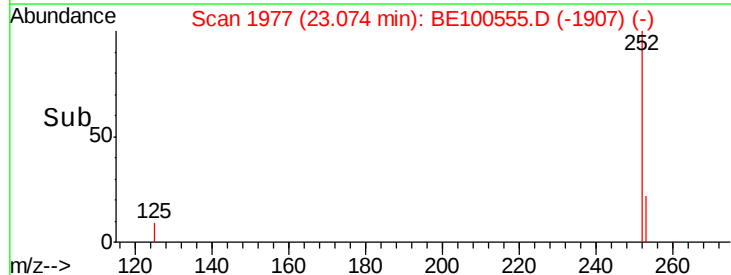
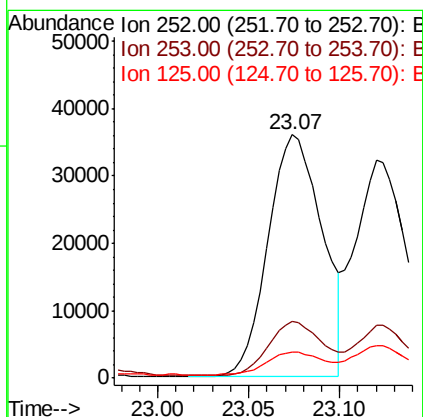
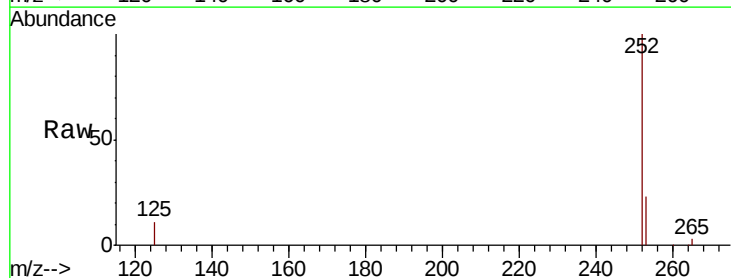
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 73842
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 10.9 8.0 12.0



#36
Benzo(k)fluoranthene
Concen: 0.430 ng
RT: 23.07 min Scan# 1977
Delta R.T. -0.05 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:252 Resp: 73842
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 10.9 8.5 12.7





#37

Benzo(a)pyrene

Concen: 0.491 ng

RT: 23.72 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampleId :

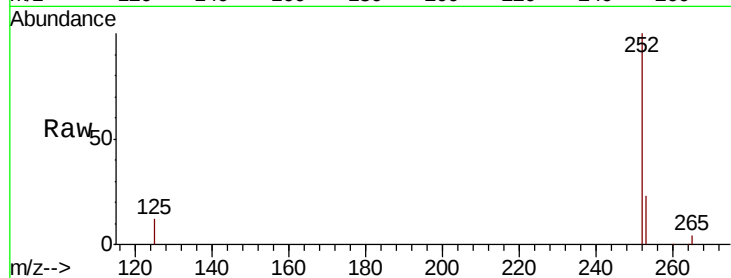
Tot Ion:252 Resp: 67952

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

125 12.0 9.2 13.8

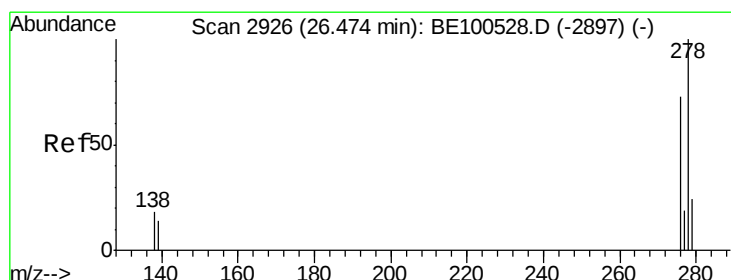
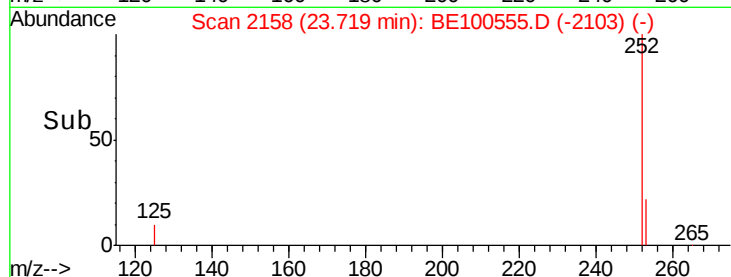
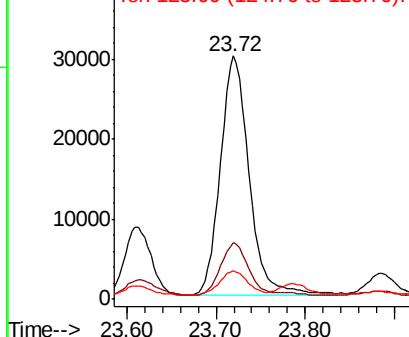


Abundance

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: 0.317 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

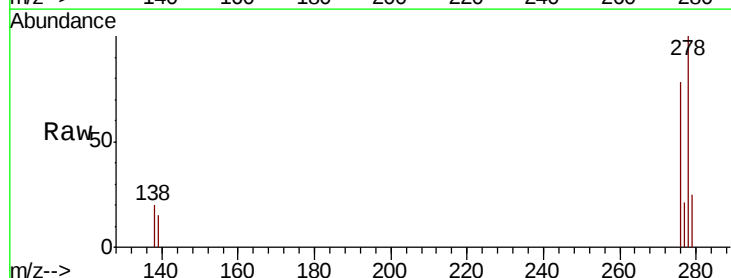
Tgt Ion:278 Resp: 45718

Ion Ratio Lower Upper

278 100

139 15.4 11.6 17.4

279 24.9 19.7 29.5

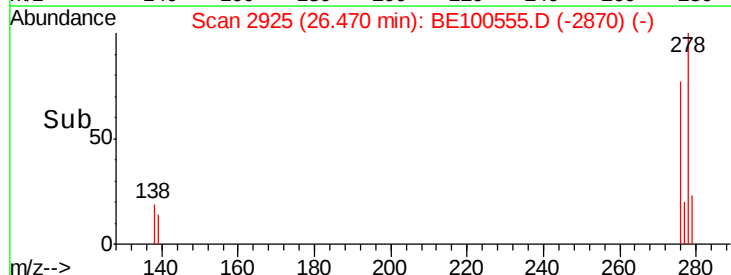
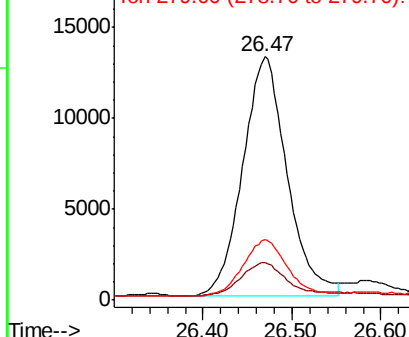


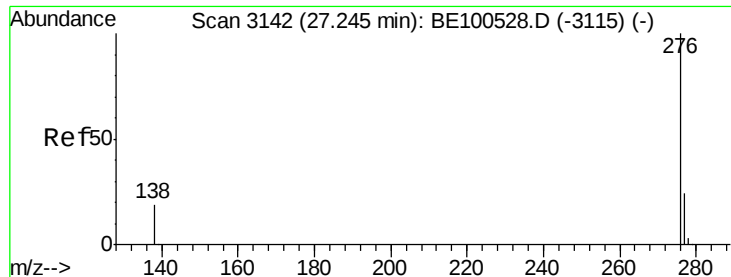
Abundance

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: 0.405 ng

RT: 27.24 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BE100555.D

Acq: 25 Sep 2019 13:14

Instrument :

BNA_E

ClientSampleId :

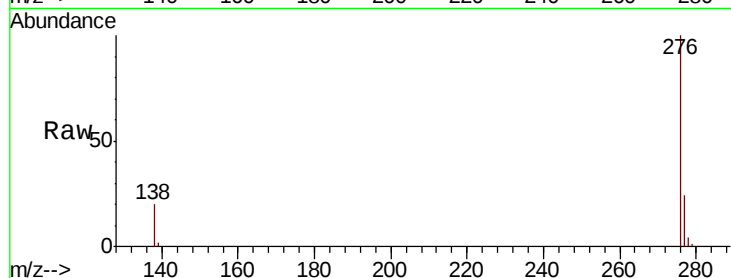
Tot Ion: 276 Resp: 61003

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 20.4 15.7 23.5



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

