

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
 Data File : BE100442.D
 Acq On : 16 Jul 2019 12:10
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 16 12:59:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 16 12:52:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	5581	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	20463	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	12206	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	28521	0.40	ng	0.00
27) Chrysene-d12	21.39	240	33589	0.40	ng	0.00
34) Perylene-d12	23.88	264	29095	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	51834	4.57	ng	0.00
5) Phenol-d6	7.04	99	78444	4.79	ng	0.00
8) Nitrobenzene-d5	9.03	82	64855	6.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	645517	14.30	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	21196	6.71	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	245086	4.53	ng	0.00
25) Fluoranthene-d10	19.25	212	7696460	15.26	ng	0.00
29) Terphenyl-d14	19.85	244	407276	4.99	ng	0.00

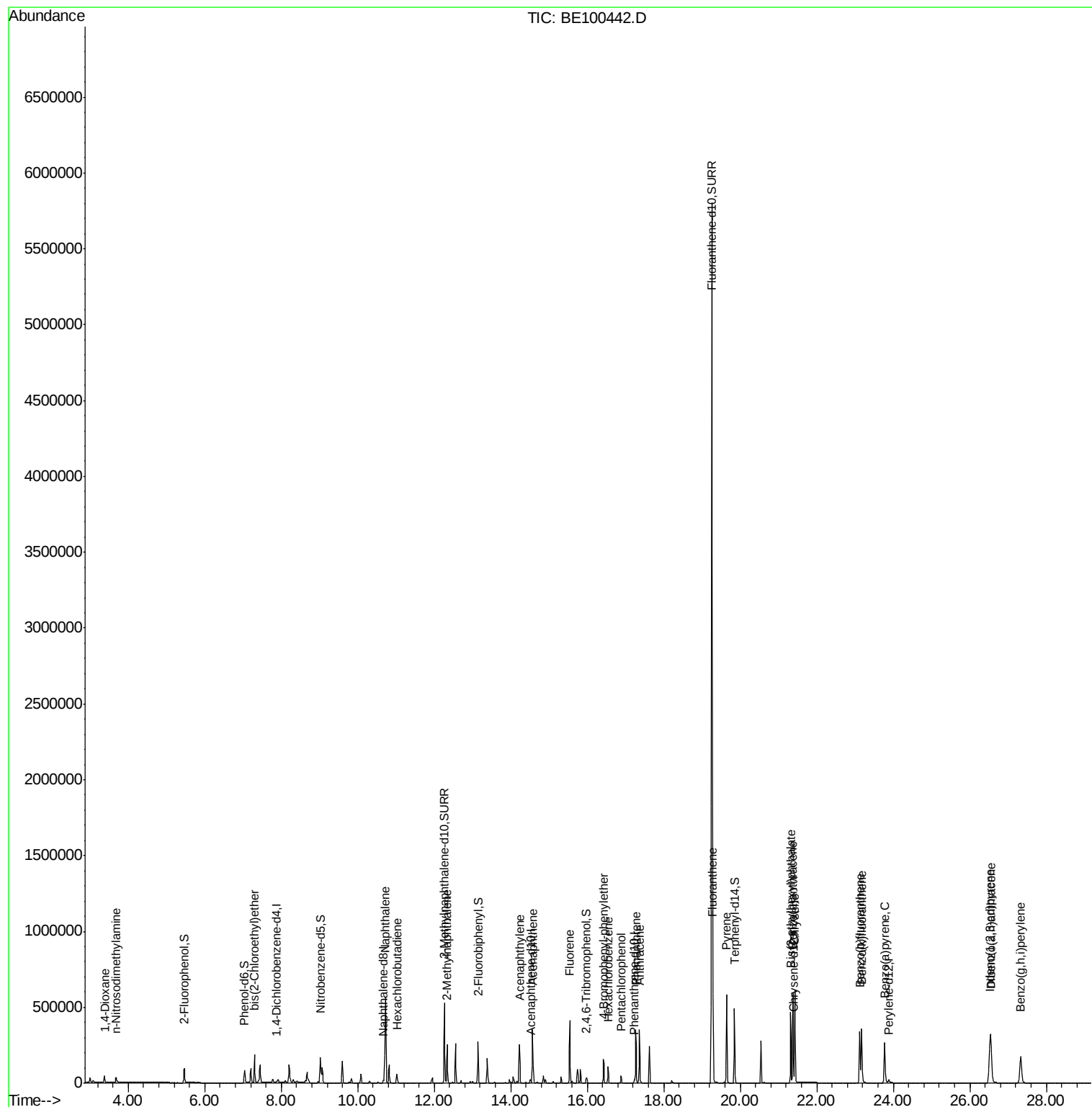
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	32044	3.988	ng	96
3) n-Nitrosodimethylamine	3.68	42	27758	5.634	ng	# 79
6) bis(2-Chloroethyl)ether	7.31	93	72268	4.553	ng	100
9) Naphthalene	10.72	128	960165	4.818	ng	100
10) Hexachlorobutadiene	11.03	225	45203	4.749	ng	99
12) 2-Methylnaphthalene	12.34	142	171984	5.123	ng	99
16) Acenaphthylene	14.23	152	275902	5.452	ng	100
17) Acenaphthene	14.57	154	170553	4.944	ng	96
18) Fluorene	15.54	166	219974	4.969	ng	100
20) 4-Bromophenyl-phenylether	16.44	248	80180	5.496	ng	# 56
21) Hexachlorobenzene	16.55	284	88560	5.301	ng	98
22) Pentachlorophenol	16.88	266	23652	7.193	ng	92
23) Phenanthrene	17.27	178	377279	5.092	ng	99
24) Anthracene	17.36	178	358455	5.707	ng	99
26) Fluoranthene	19.28	202	529515	5.521	ng	99
28) Pyrene	19.64	202	509225	5.184	ng	99
30) Benzo(a)anthracene	21.38	228	511335	5.551	ng	100
31) Chrysene	21.43	228	519712	4.803	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	523388	7.434	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.52	276	531619	5.427	ng	99
35) Benzo(b)fluoranthene	23.12	252	479210	5.245	ng	99
36) Benzo(k)fluoranthene	23.17	252	513599	5.372	ng	98
37) Benzo(a)pyrene	23.77	252	430700	5.632	ng	98
38) Dibenzo(a,h)anthracene	26.55	278	449975	5.635	ng	97
39) Benzo(g,h,i)perylene	27.33	276	438991	5.295	ng	98

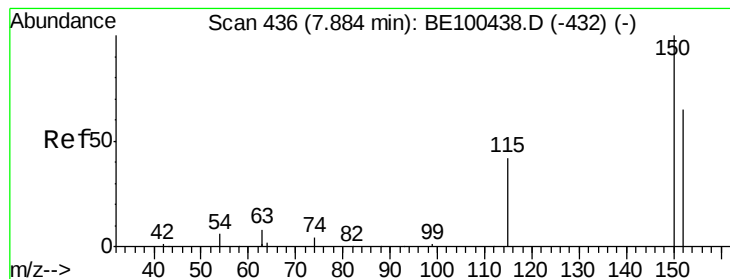
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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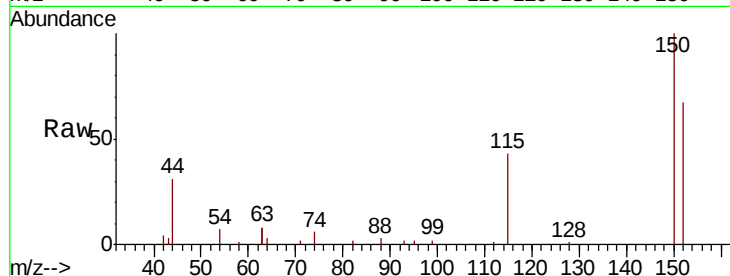


#1

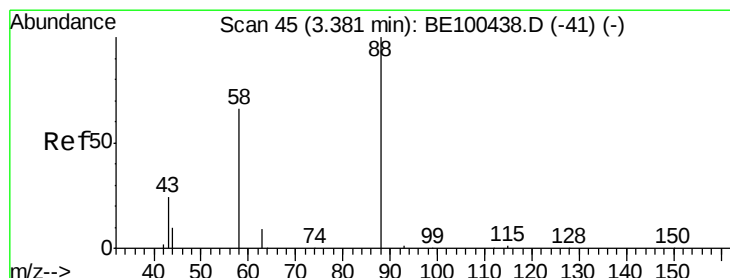
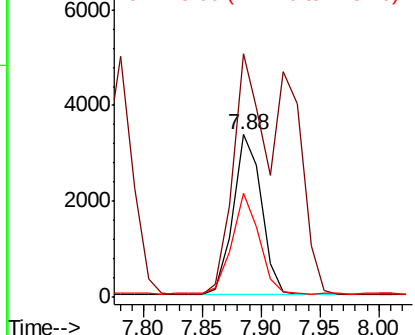
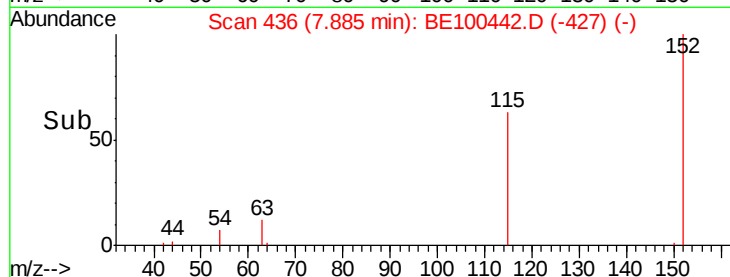
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 5581
Ion Ratio Lower Upper
152 100
150 149.9 121.7 182.5
115 64.2 52.4 78.6



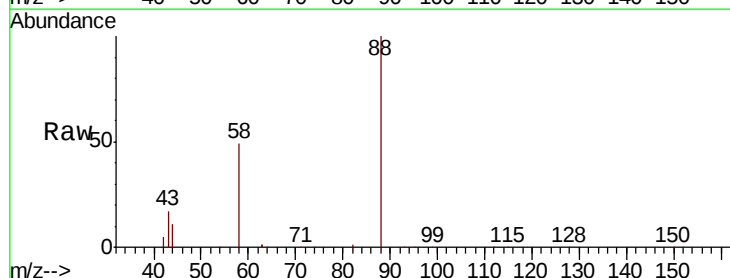
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



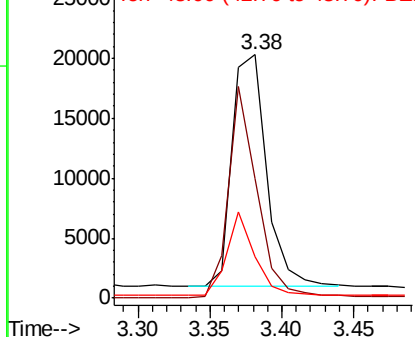
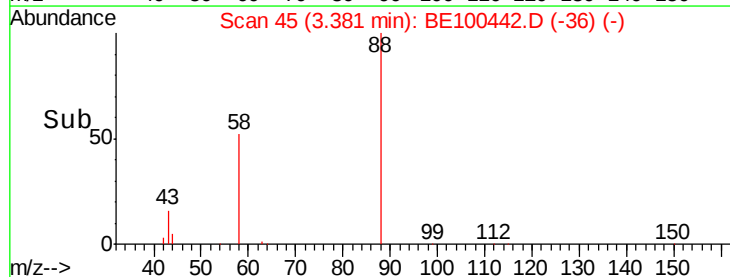
#2

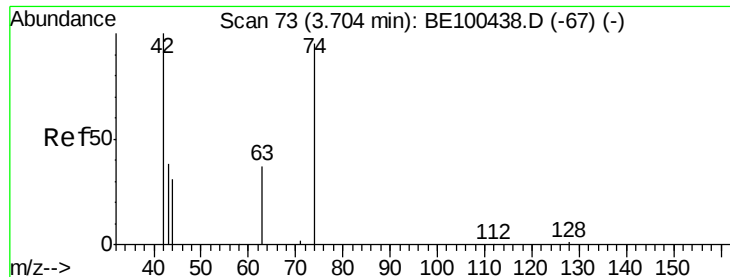
1,4-Dioxane
Concen: 3.988 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

Tgt Ion: 88 Resp: 32044
Ion Ratio Lower Upper
88 100
58 75.2 57.8 86.8
43 28.7 25.0 37.6



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: 5.634 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.02 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

Instrument :

BNA_E

ClientSampleId :

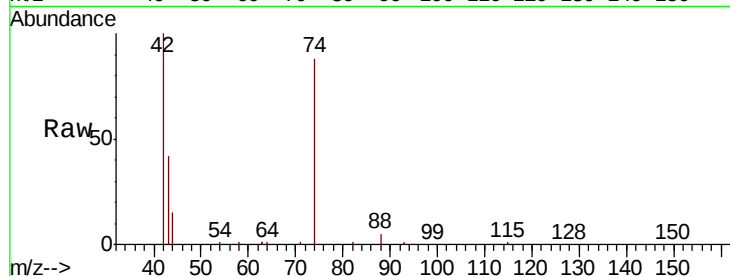
Tot Ion: 42 Resp: 27758

Ion Ratio Lower Upper

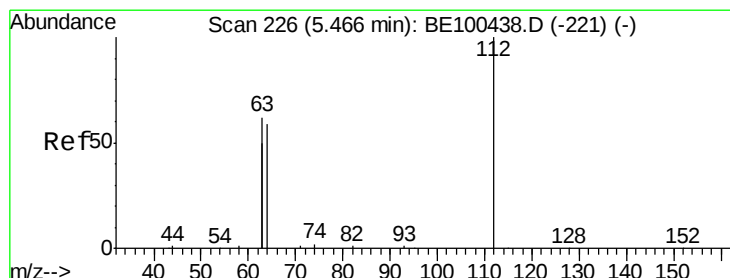
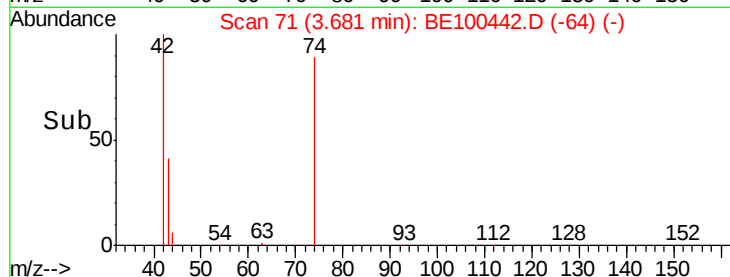
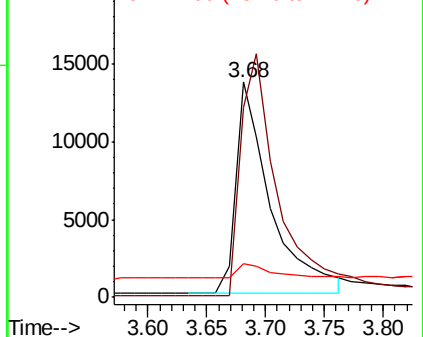
42 100

74 124.2 85.3 127.9

44 6.9 21.8 32.8#



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: 4.574 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

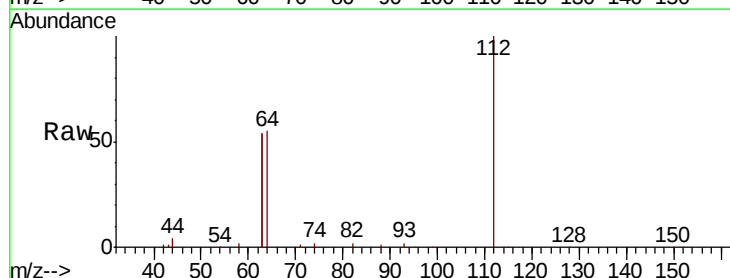
Tgt Ion: 112 Resp: 51834

Ion Ratio Lower Upper

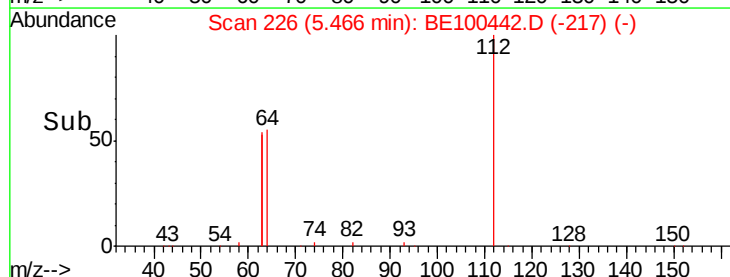
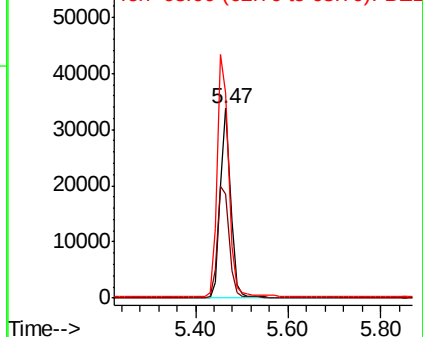
112 100

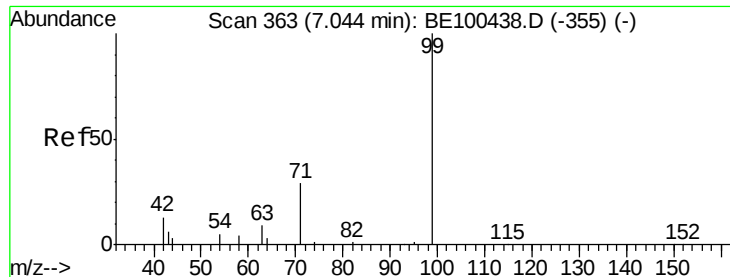
64 67.3 55.0 82.4

63 140.5 114.8 172.2



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





#5

Phenol-d6

Concen: 4.792 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

Instrument :

BNA_E

ClientSampleId :

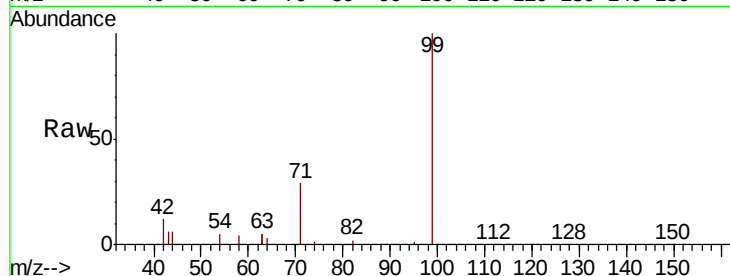
Tot Ion: 99 Resp: 78444

Ion Ratio Lower Upper

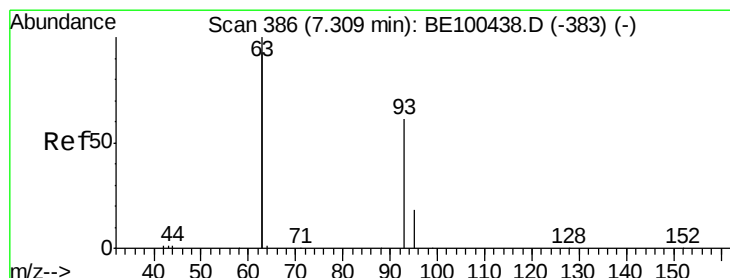
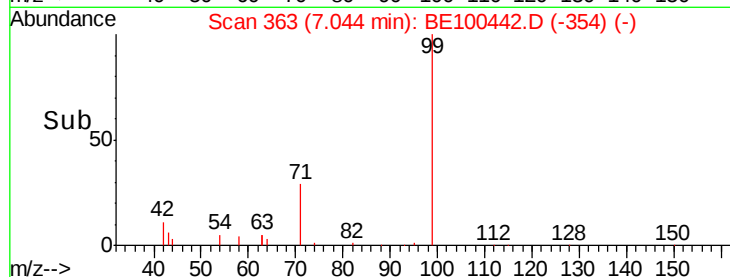
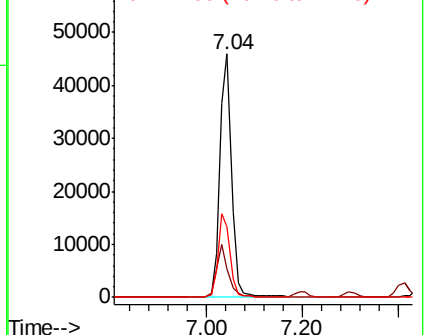
99 100

42 20.9 17.4 26.2

71 34.8 28.2 42.4



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: 4.553 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

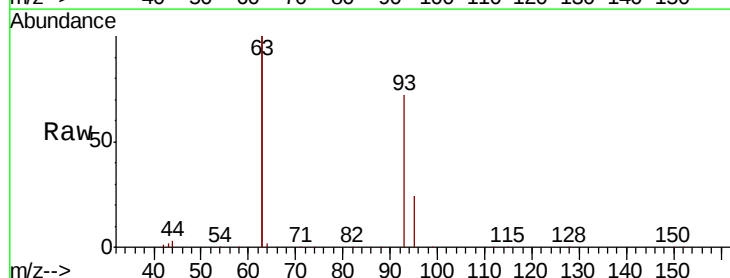
Tgt Ion: 93 Resp: 72268

Ion Ratio Lower Upper

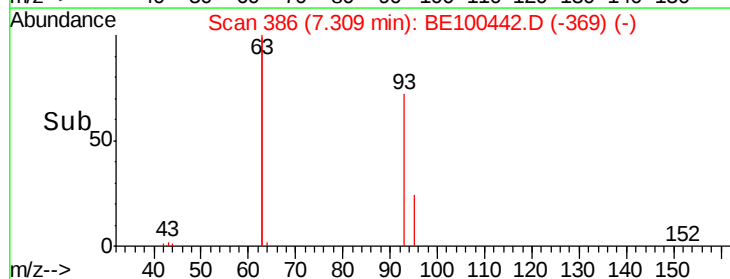
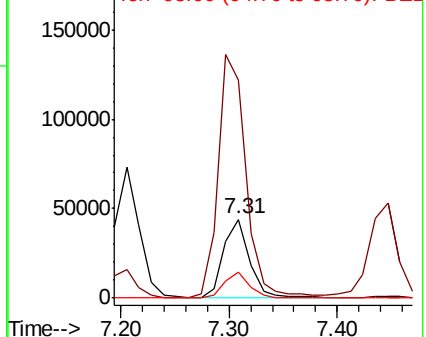
93 100

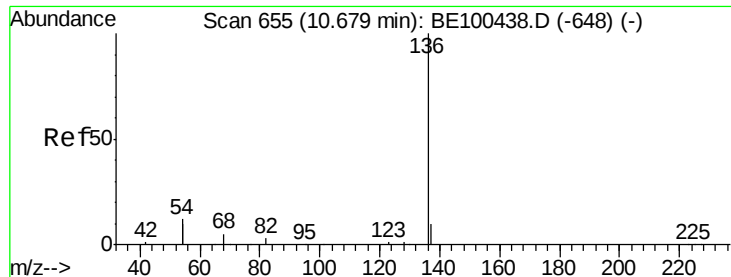
63 333.6 266.9 400.3

95 32.8 26.8 40.2



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: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 20463

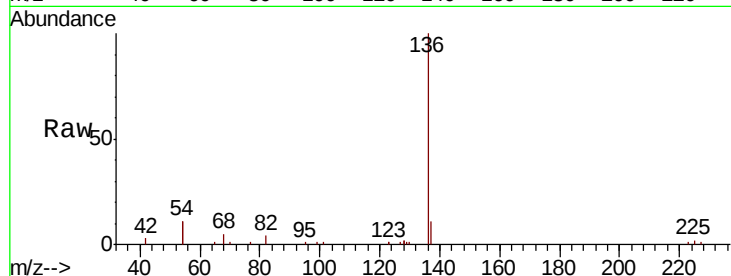
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 22.9 19.6 29.4

68 5.1 4.4 6.6

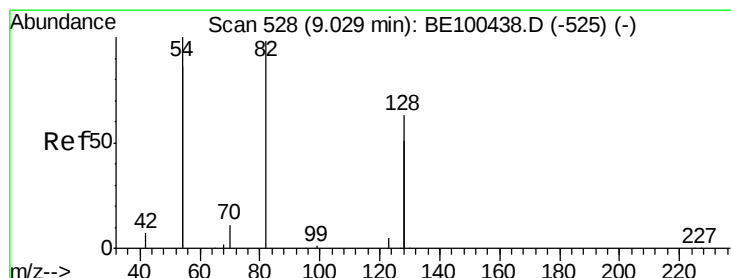
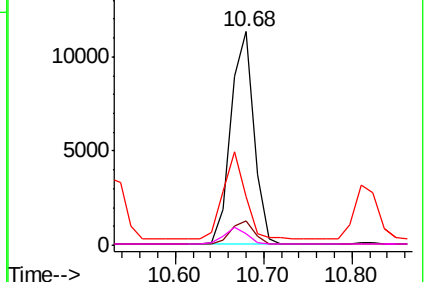
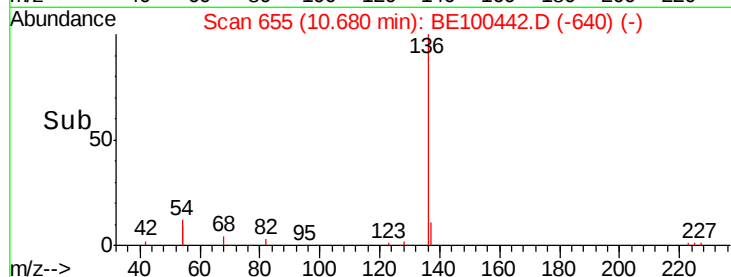


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.199 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

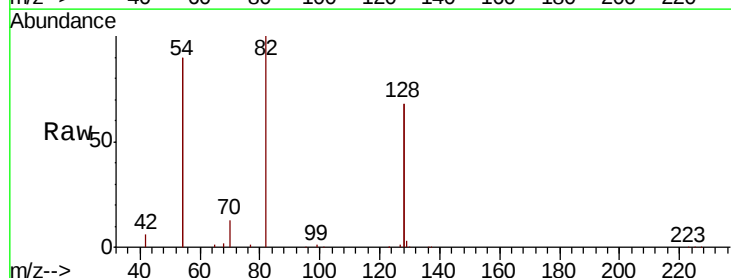
Tgt Ion: 82 Resp: 64855

Ion Ratio Lower Upper

82 100

128 135.8 97.9 146.9

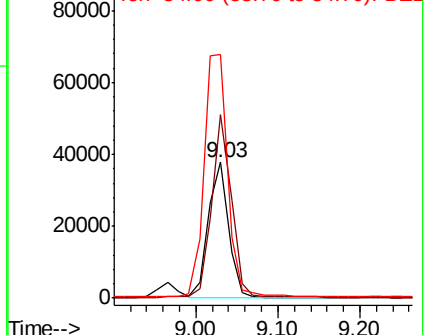
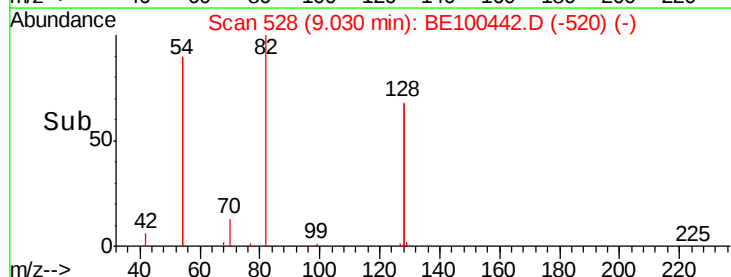
54 179.7 155.0 232.6

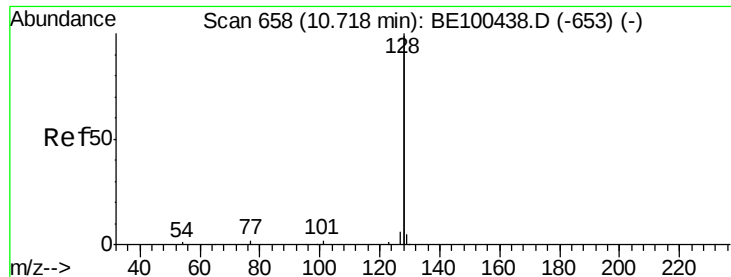


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 4.818 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

Instrument :

BNA_E

ClientSampleId :

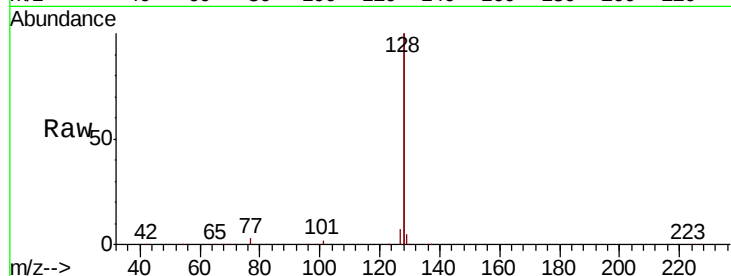
Tot Ion:128 Resp: 960165

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.4

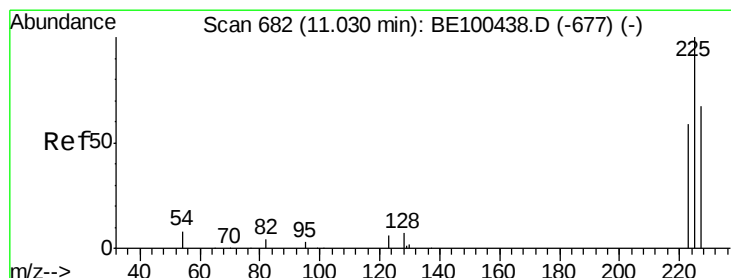
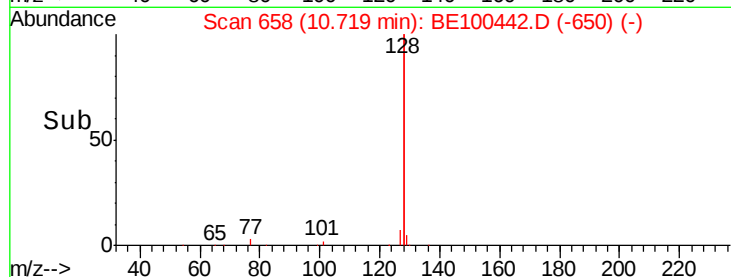
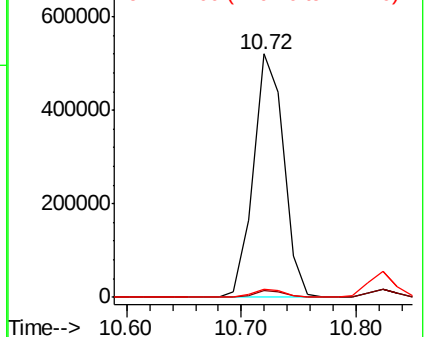
127 3.3 2.7 4.1



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: 4.749 ng

RT: 11.03 min Scan# 682

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

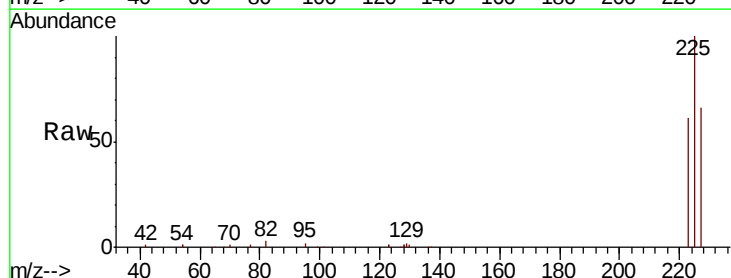
Tgt Ion:225 Resp: 45203

Ion Ratio Lower Upper

225 100

223 63.0 49.8 74.8

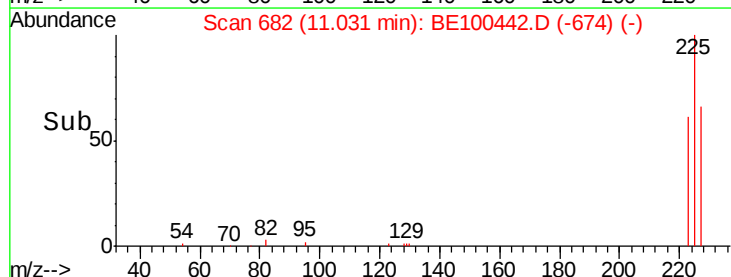
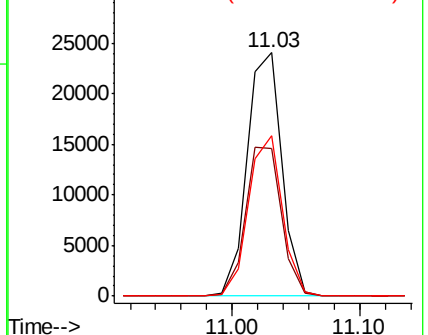
227 63.8 52.3 78.5

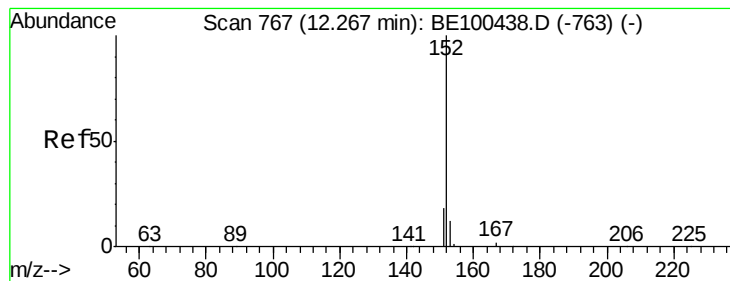


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

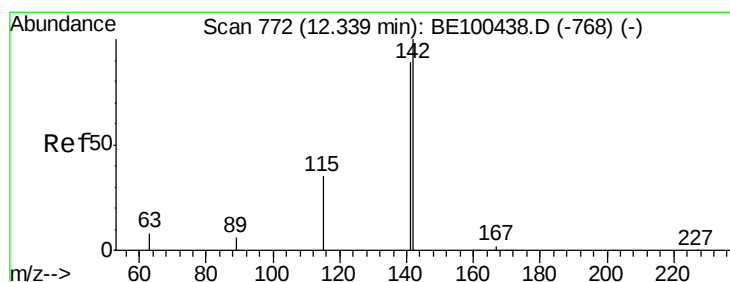
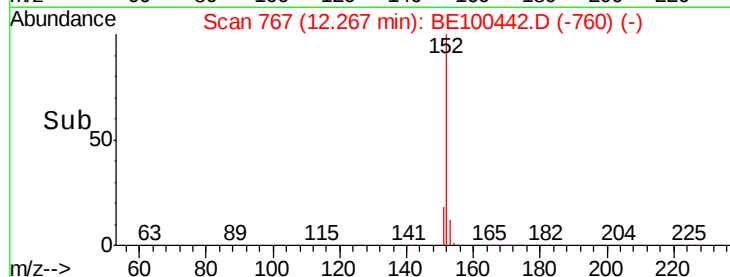
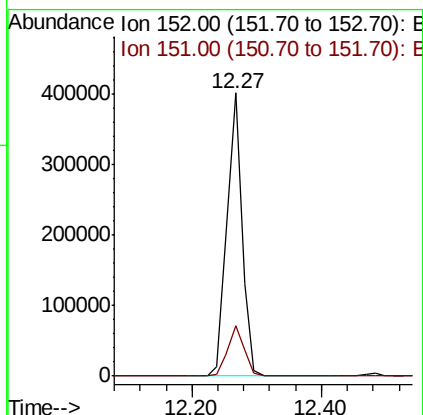
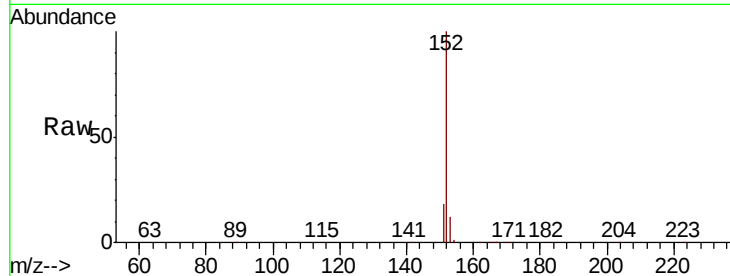




#11
 2-Methylnaphthalene-d10
 Concen: 14.295 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE100442.D
 Acq: 16 Jul 2019 12:10

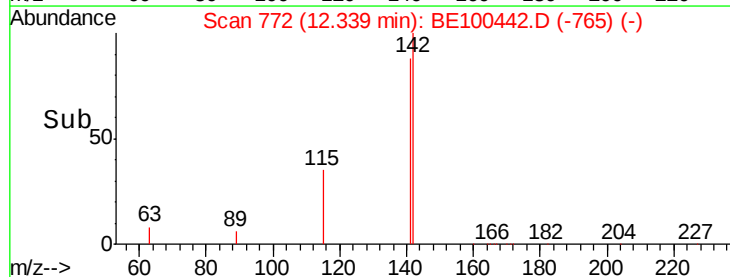
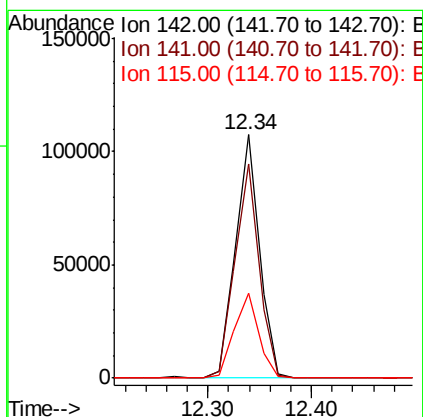
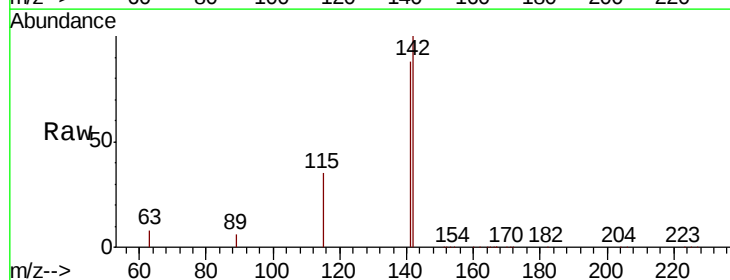
Instrument :
 BNA_E
 ClientSampleId :

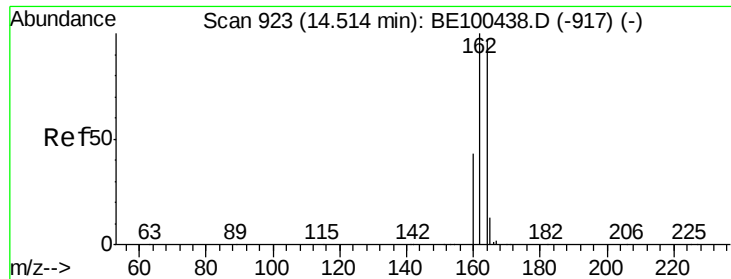
Tot Ion:152 Resp: 645517
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.0 24.0



#12
 2-Methylnaphthalene
 Concen: 5.123 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE100442.D
 Acq: 16 Jul 2019 12:10

Tgt Ion:142 Resp: 171984
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.9 106.3
 115 35.1 29.0 43.4

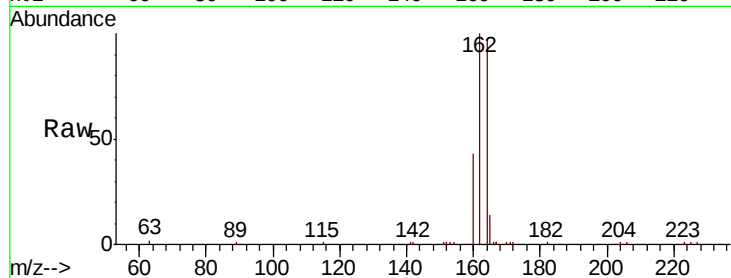




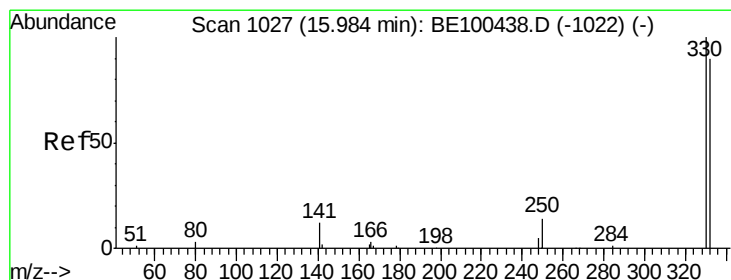
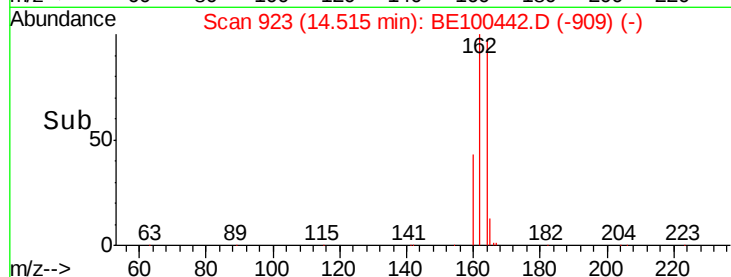
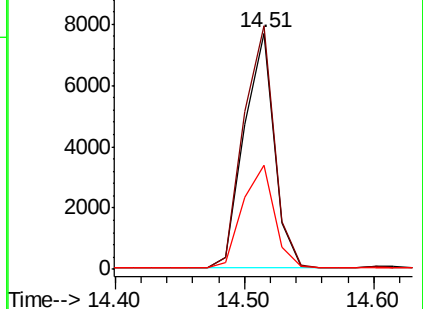
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 12206
Ion Ratio Lower Upper
164 100
162 103.0 82.6 124.0
160 44.3 35.6 53.4

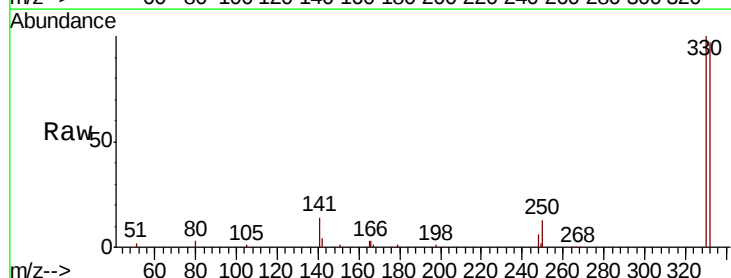


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

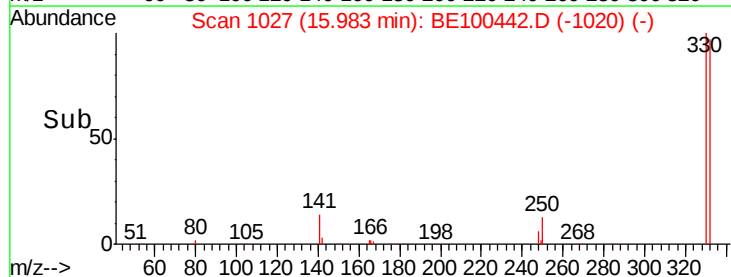
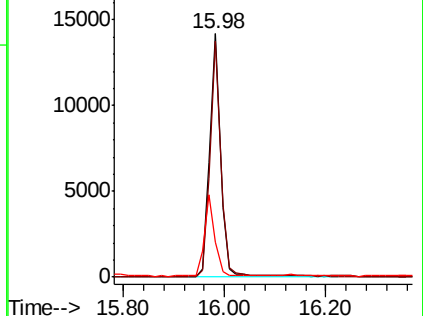


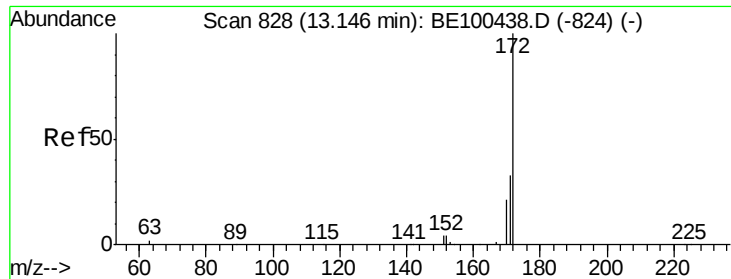
#14
2,4,6-Tribromophenol
Concen: 6.714 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

Tgt Ion:330 Resp: 21196
Ion Ratio Lower Upper
330 100
332 95.1 76.3 114.5
141 32.4 28.1 42.1



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

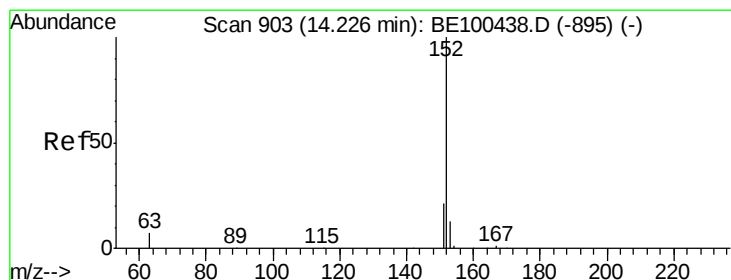
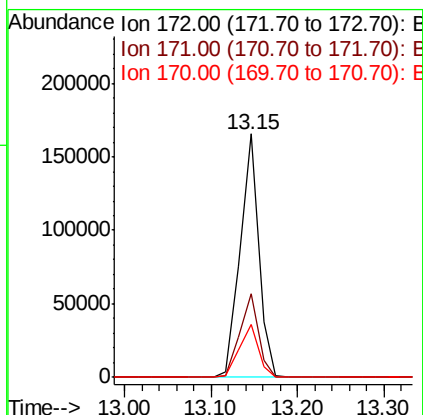
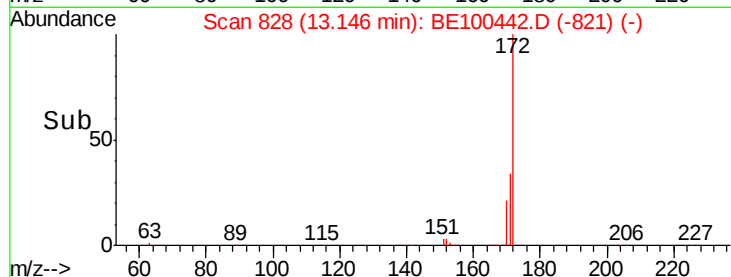
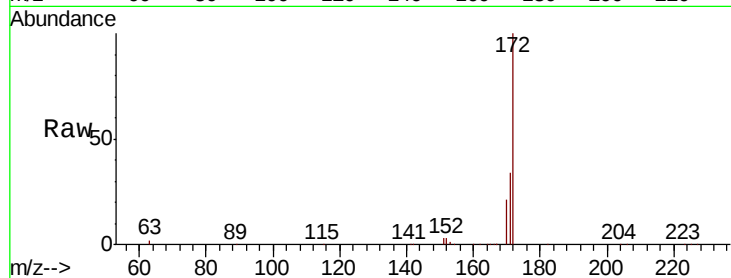




#15
2-Fluorobiphenyl
Concen: 4.529 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

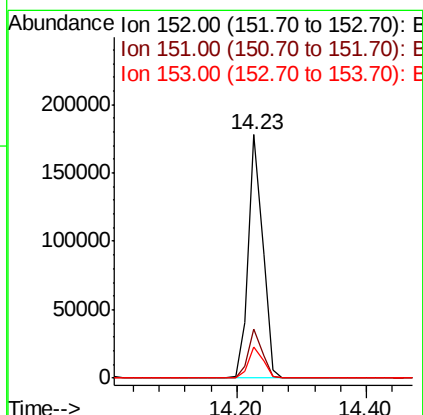
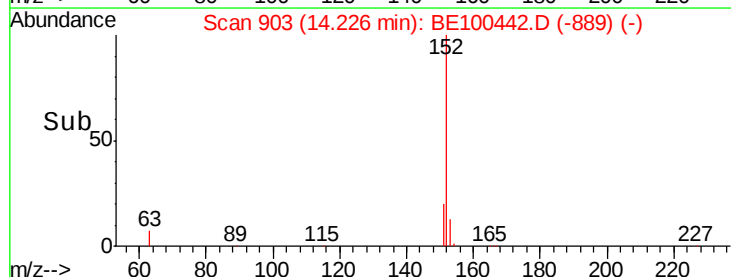
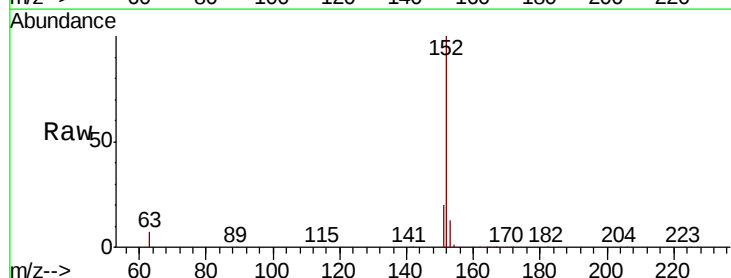
Instrument :
BNA_E
ClientSampleId :

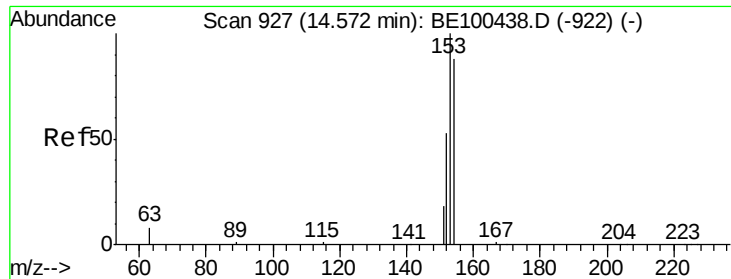
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.0	40.4
170	21.5	17.4	26.0



#16
Acenaphthylene
Concen: 5.452 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 4.944 ng

RT: 14.57 min Scan# 927

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

Instrument :

BNA_E

ClientSampleId :

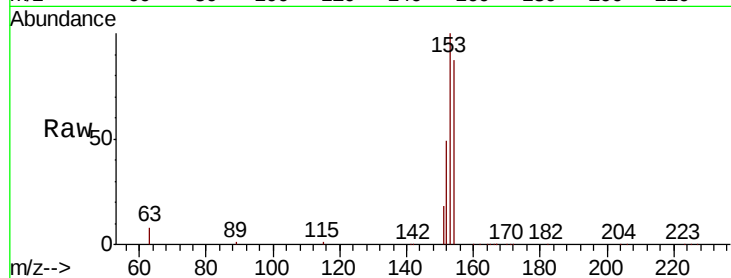
Tot Ion:154 Resp: 170553

Ion Ratio Lower Upper

154 100

153 111.7 91.0 136.4

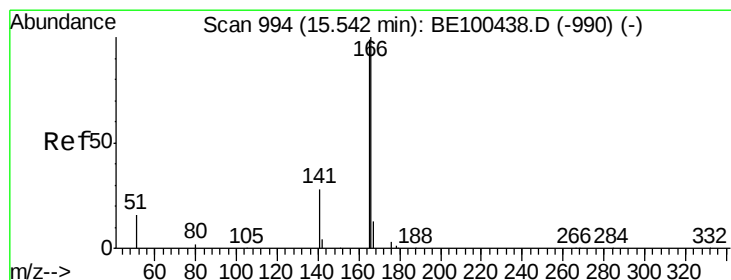
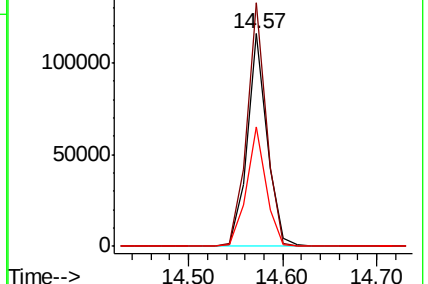
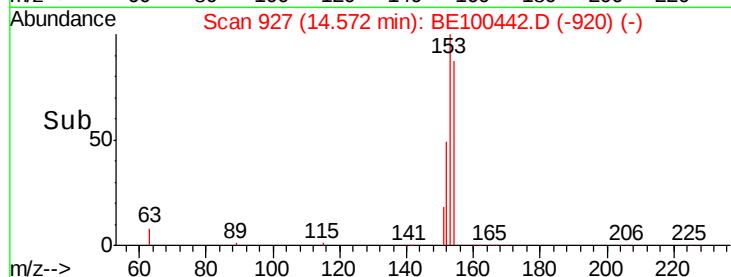
152 55.4 49.4 74.2



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: 4.969 ng

RT: 15.54 min Scan# 994

Delta R.T. -0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

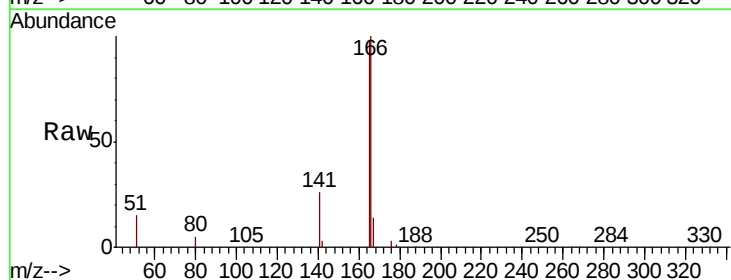
Tgt Ion:166 Resp: 219974

Ion Ratio Lower Upper

166 100

165 99.1 79.6 119.4

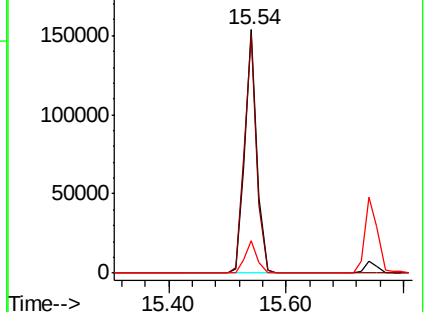
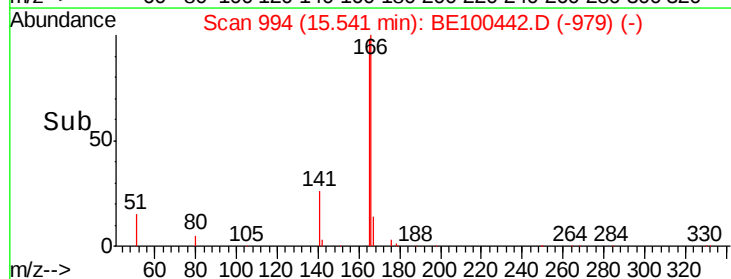
167 13.4 10.6 15.8

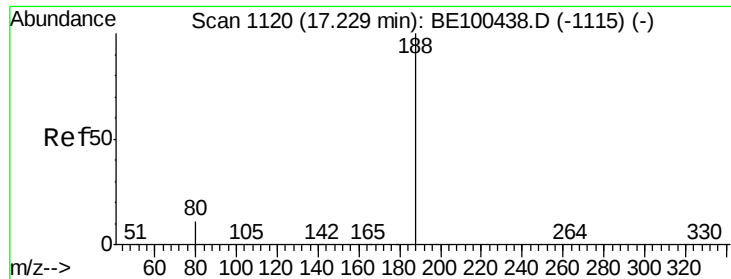


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

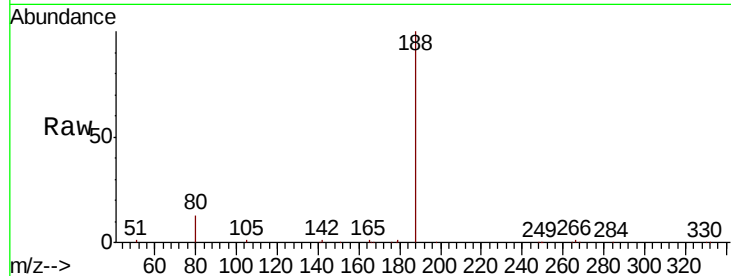




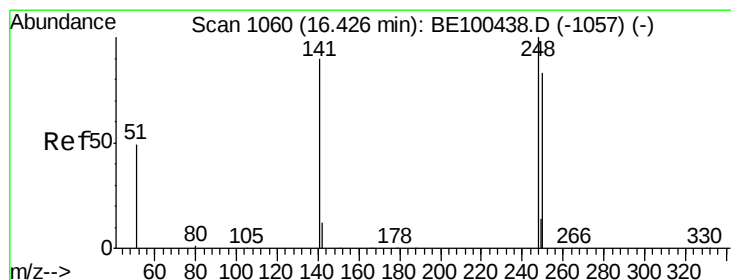
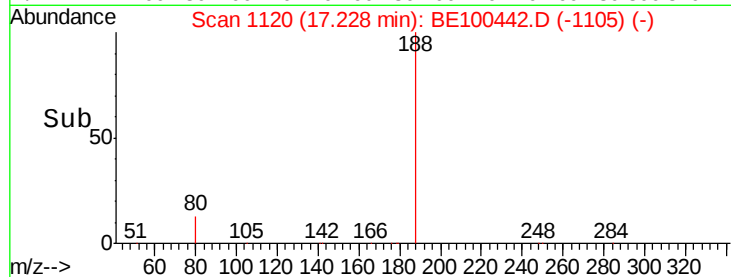
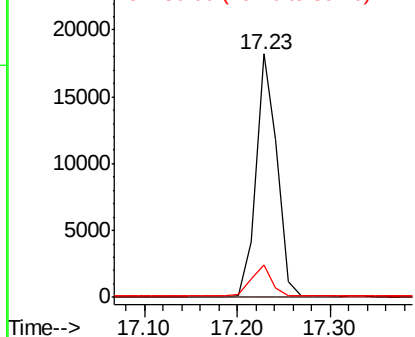
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 28521
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 9.2 13.8

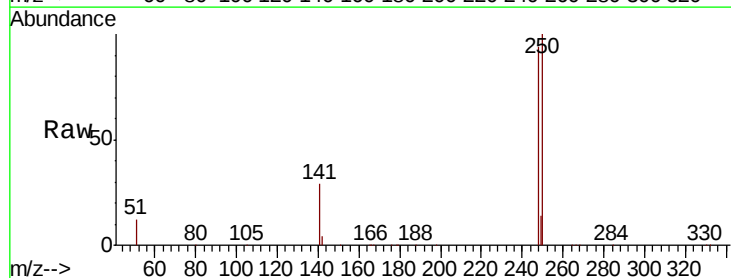


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

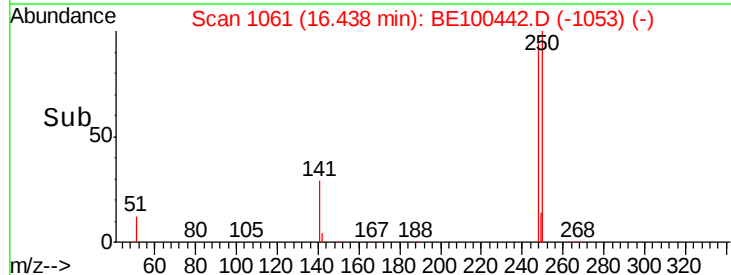
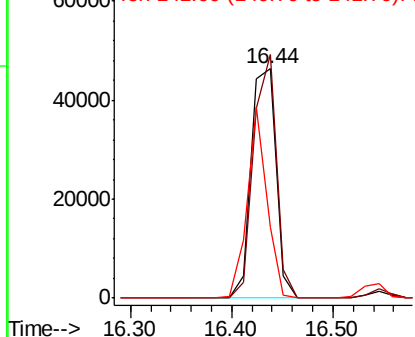


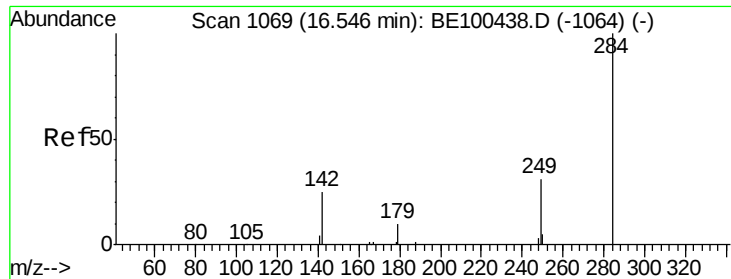
#20
4-Bromophenyl-phenylether
Concen: 5.496 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

Tgt Ion:248 Resp: 80180
Ion Ratio Lower Upper
248 100
250 106.1 67.1 100.7#
141 30.9 72.2 108.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.301 ng

RT: 16.55 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

Instrument :

BNA_E

ClientSampleId :

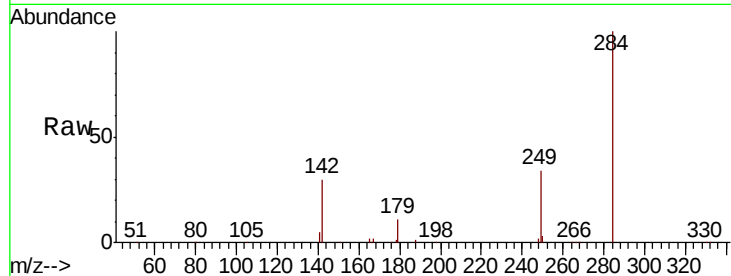
Tot Ion:284 Resp: 88560

Ion Ratio Lower Upper

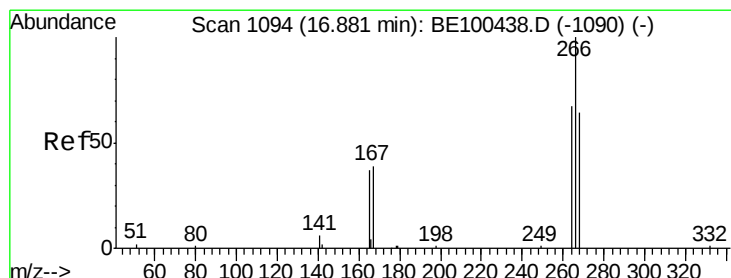
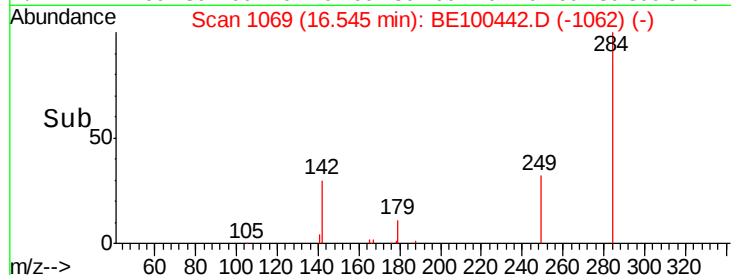
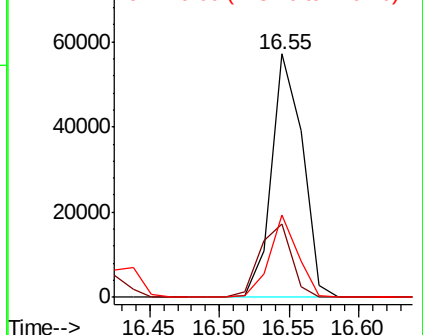
284 100

142 31.0 25.6 38.4

249 30.5 25.1 37.7



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: 7.193 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

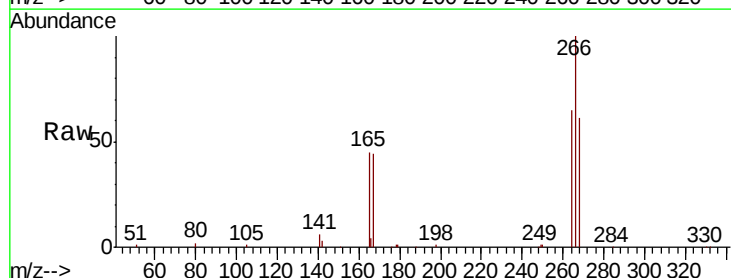
Tgt Ion:266 Resp: 23652

Ion Ratio Lower Upper

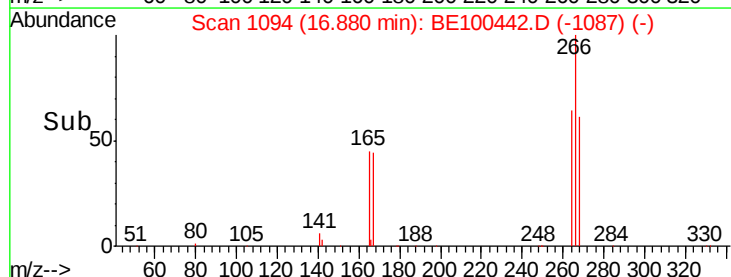
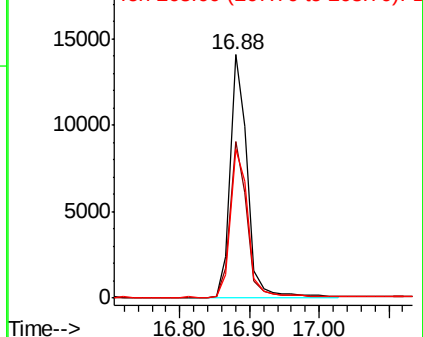
266 100

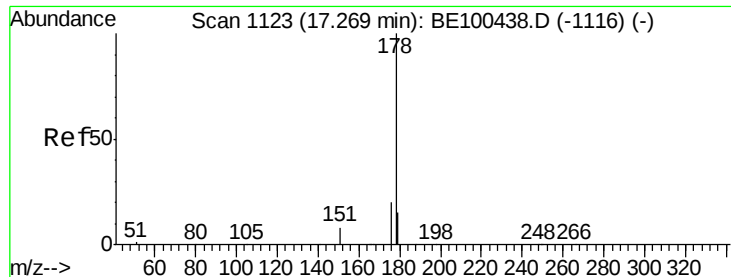
264 64.5 56.2 84.2

268 61.1 54.9 82.3



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

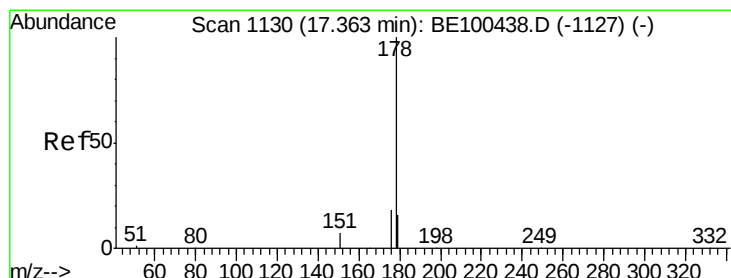
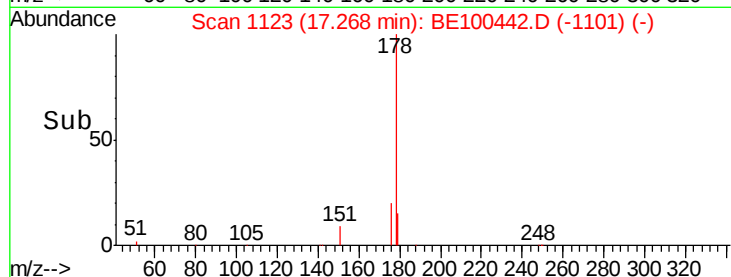
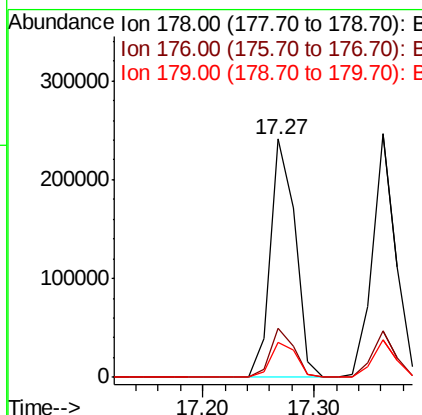
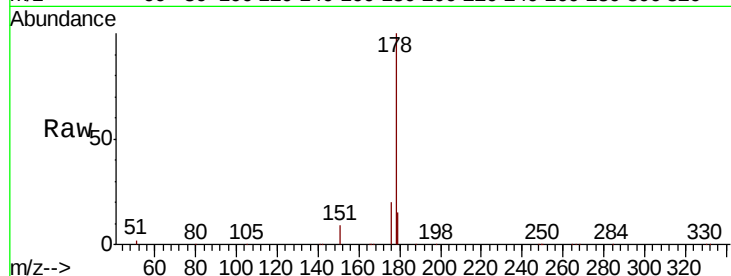




#23
Phenanthrene
Concen: 5.092 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

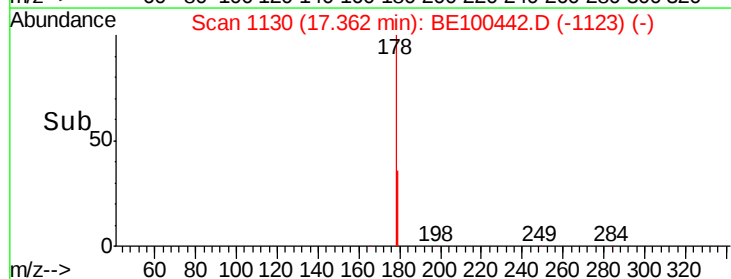
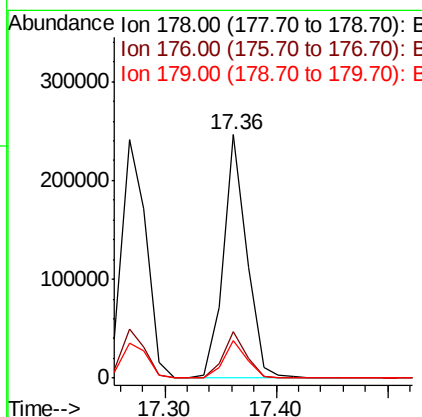
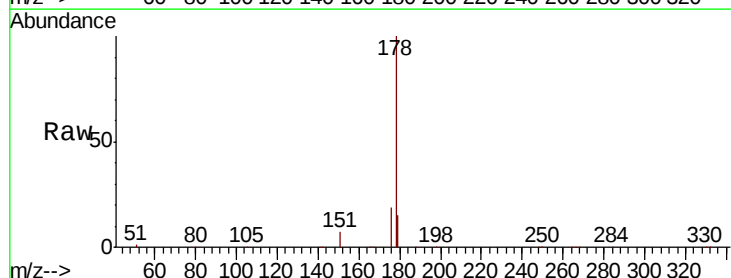
Instrument :
BNA_E
ClientSampleId :

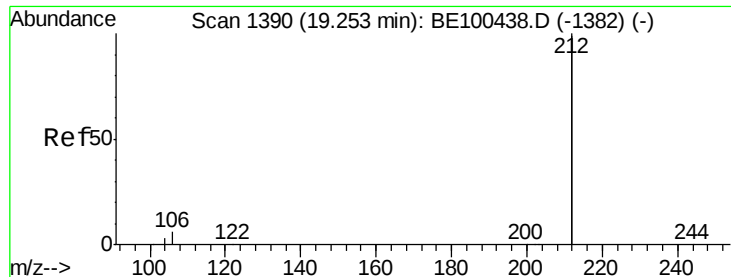
Tot Ion:178 Resp: 377279
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.2 12.4 18.6



#24
Anthracene
Concen: 5.707 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

Tgt Ion:178 Resp: 358455
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.3 12.3 18.5





#25

Fluoranthene-d10

Concen: 15.260 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

Instrument :

BNA_E

ClientSampleId :

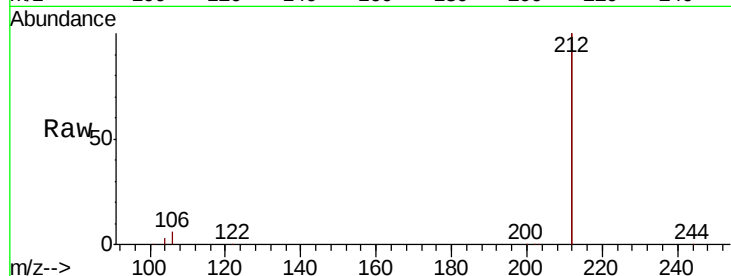
Tot Ion:212 Resp: 7696460

Ion Ratio Lower Upper

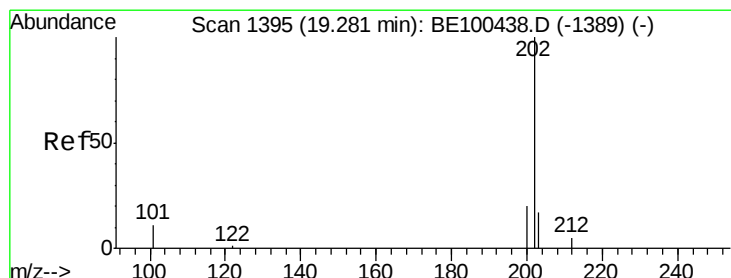
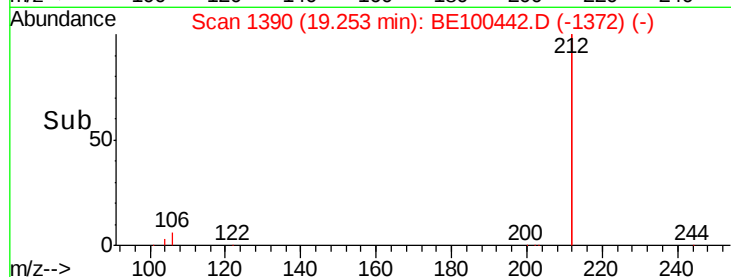
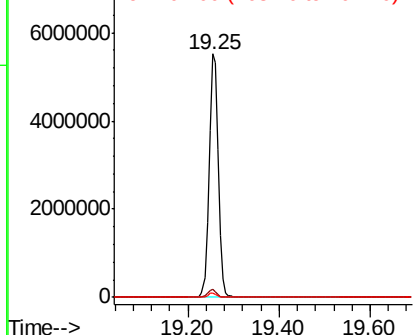
212 100

106 3.0 2.6 3.8

104 1.7 1.4 2.2



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: 5.521 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

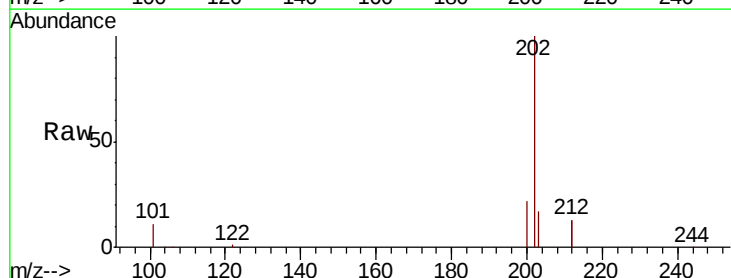
Tgt Ion:202 Resp: 529515

Ion Ratio Lower Upper

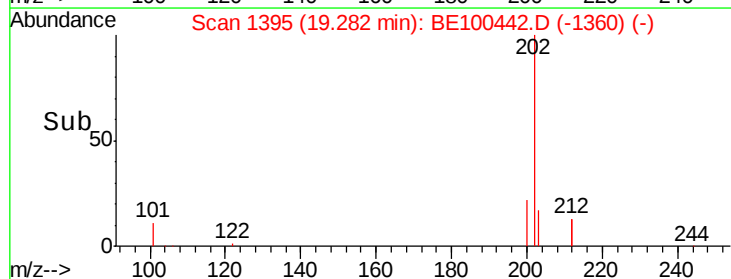
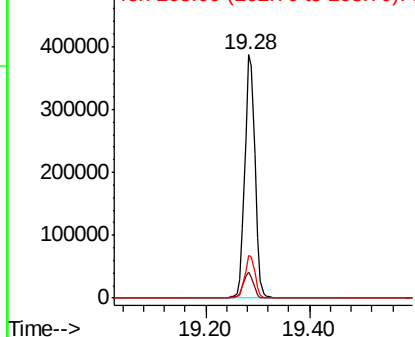
202 100

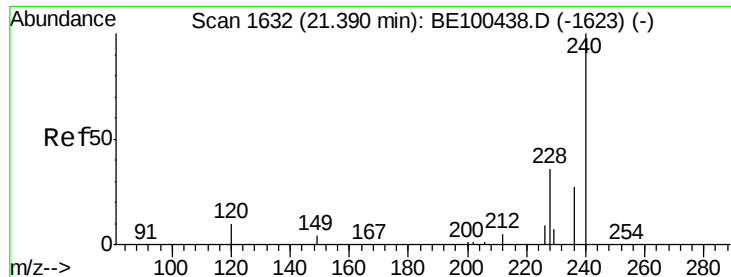
101 11.0 8.9 13.3

203 17.8 13.8 20.6



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

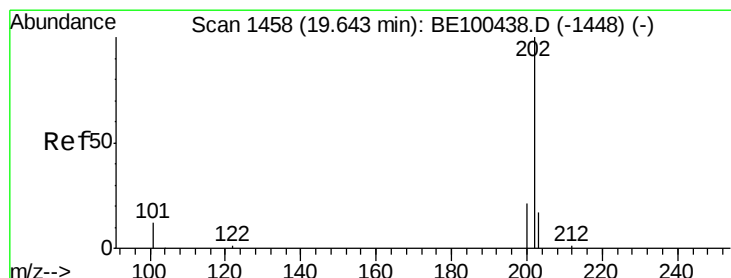
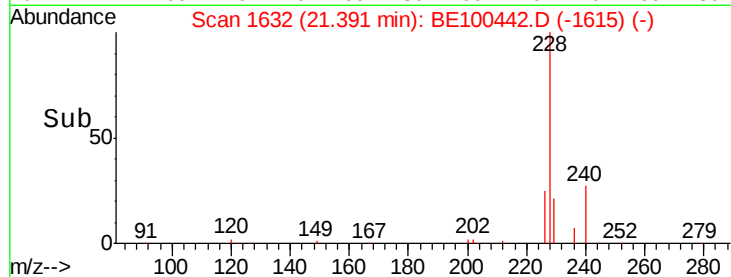
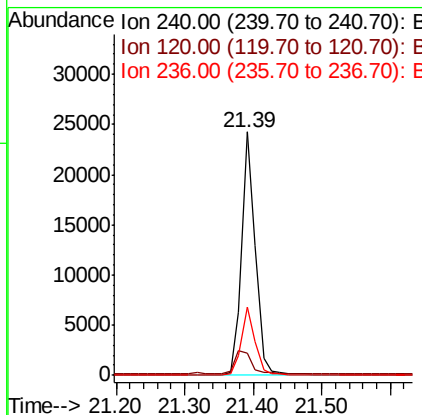
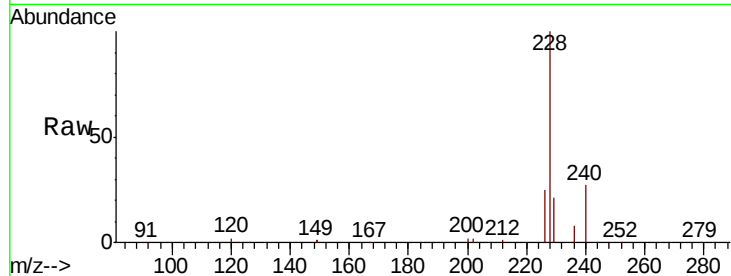




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BE100442.D
 Acq: 16 Jul 2019 12:10

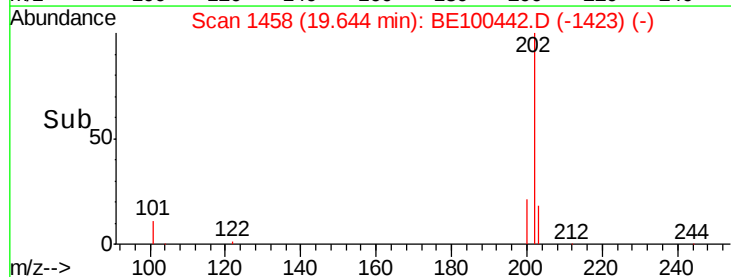
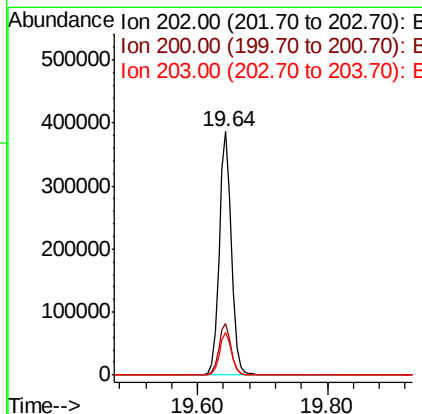
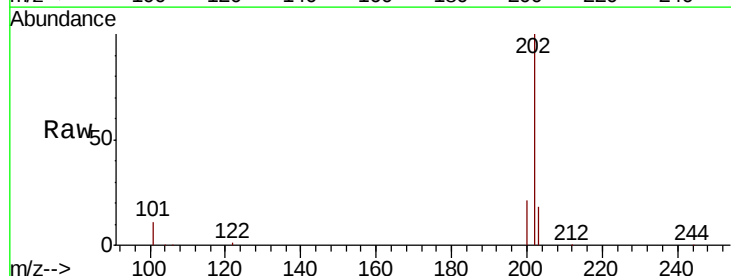
Instrument :
 BNA_E
 ClientSampleId :

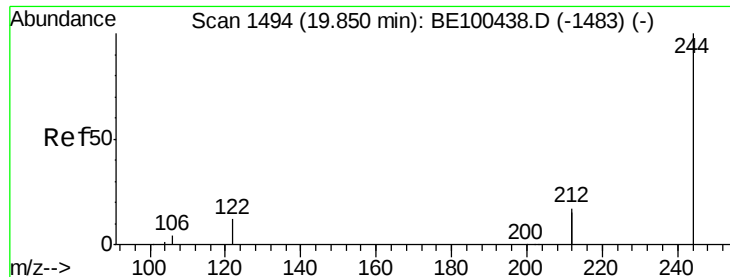
Tot Ion:240 Resp: 33589
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.8 13.2
 236 28.0 22.0 33.0



#28
 Pyrene
 Concen: 5.184 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BE100442.D
 Acq: 16 Jul 2019 12:10

Tgt Ion:202 Resp: 509225
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.8 25.2
 203 17.6 13.8 20.8





#29

Terphenyl-d14

Concen: 4.991 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

Instrument :

BNA_E

ClientSampled :

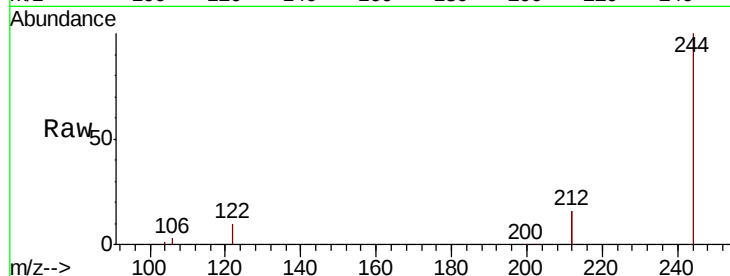
Tot Ion:244 Resp: 407276

Ion Ratio Lower Upper

244 100

212 31.5 26.3 39.5

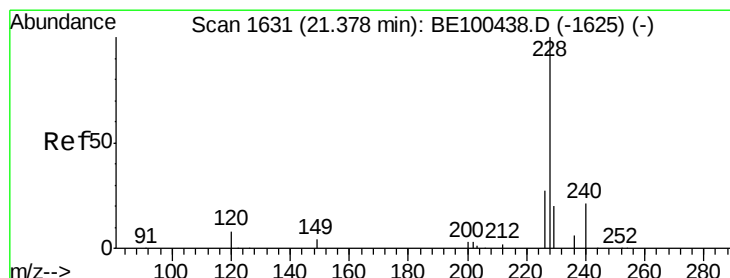
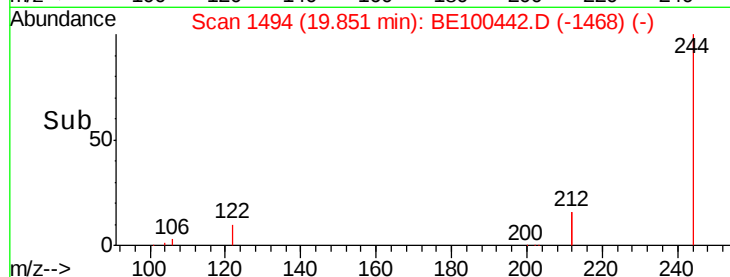
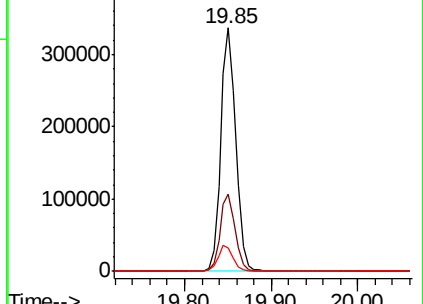
122 9.9 9.4 14.2



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: 5.551 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

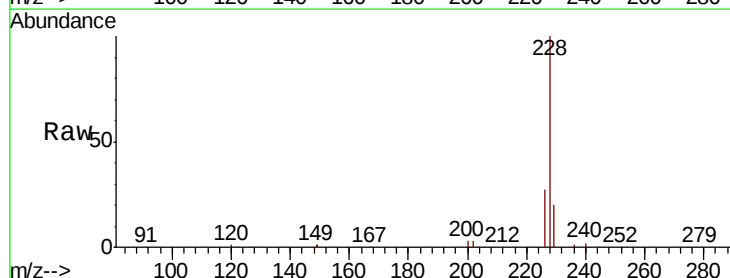
Tgt Ion:228 Resp: 511335

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

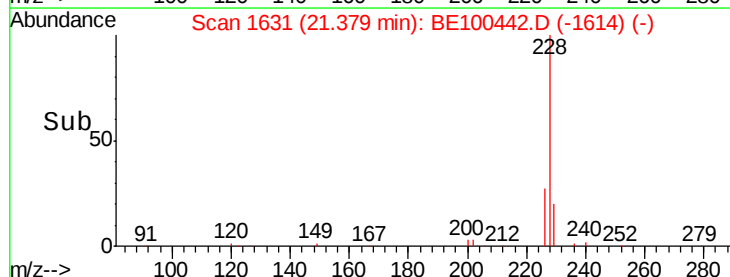
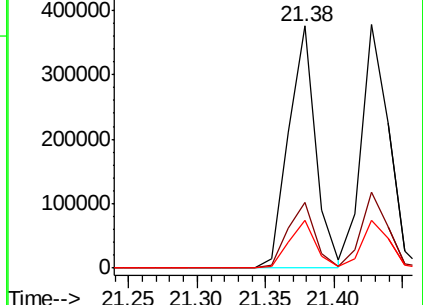
229 19.9 15.8 23.8

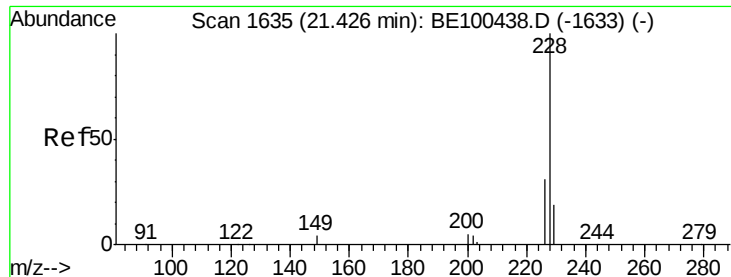


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 4.803 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

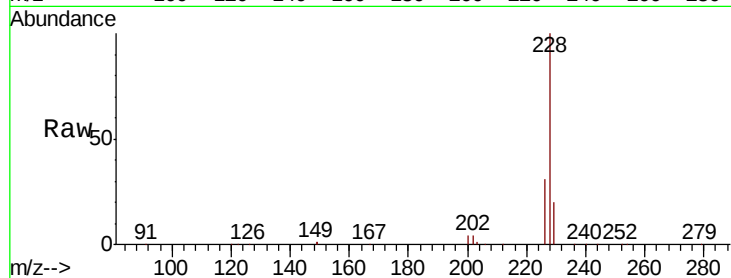
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 519712

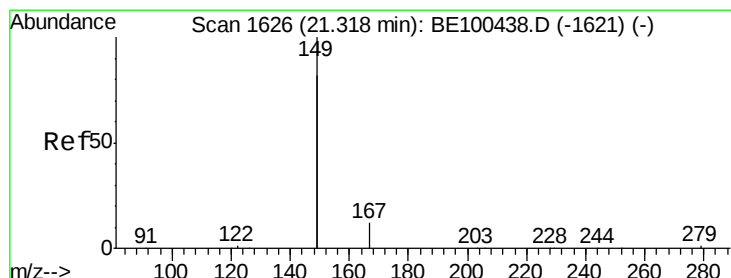
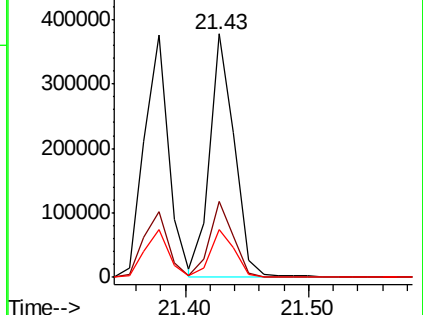
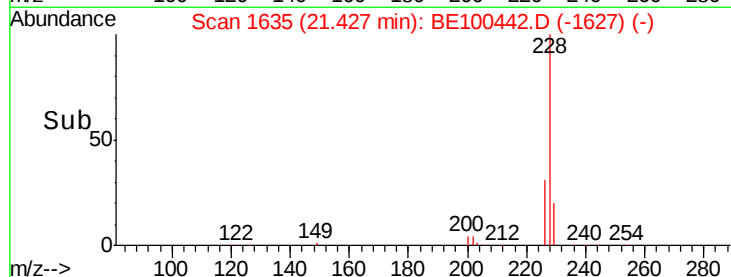
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	19.6	15.8	23.6



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: 7.434 ng

RT: 21.32 min Scan# 1626

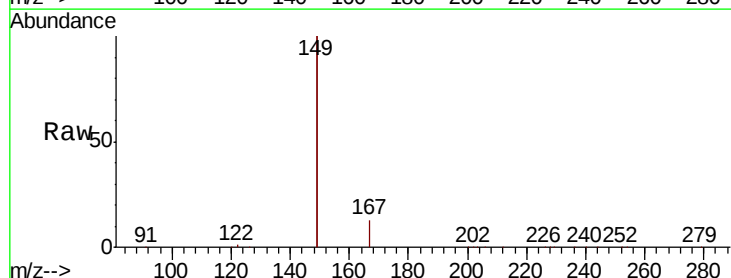
Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

Tgt Ion:149 Resp: 523388

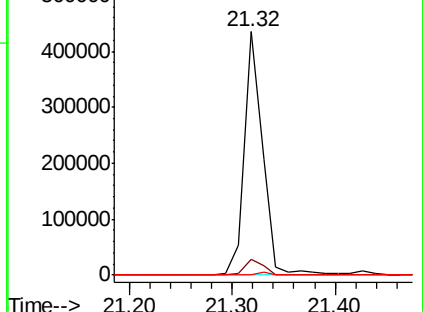
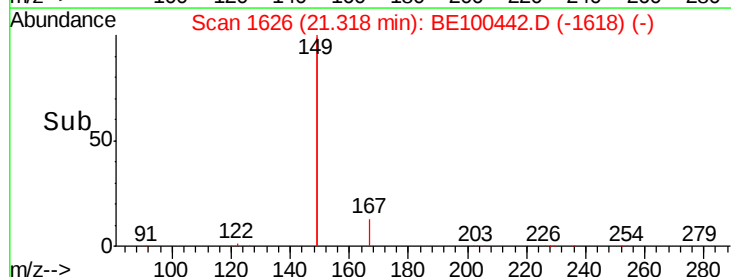
Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.0	7.6
279	0.9	1.2	1.8

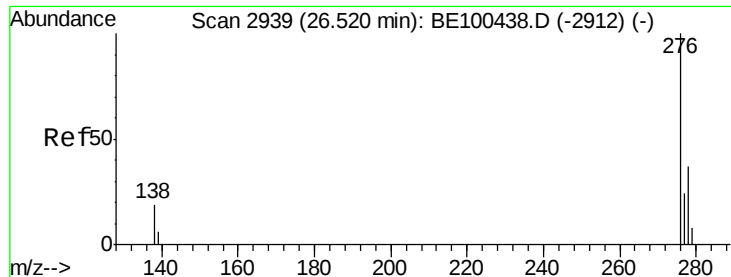


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

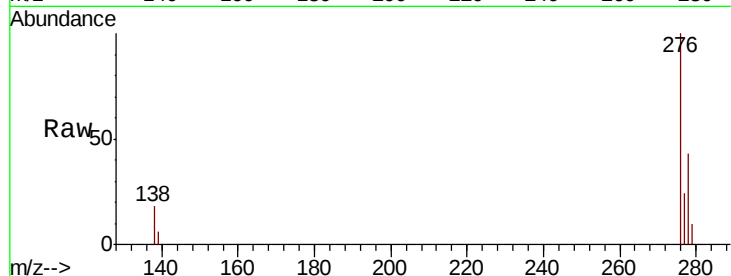




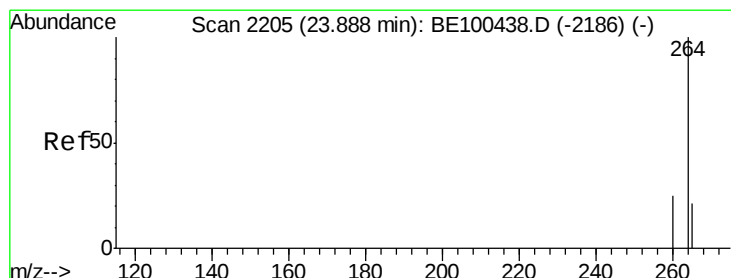
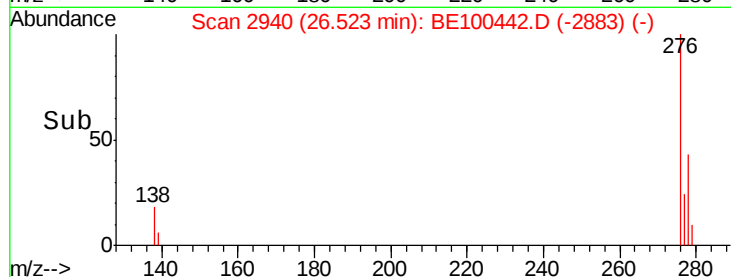
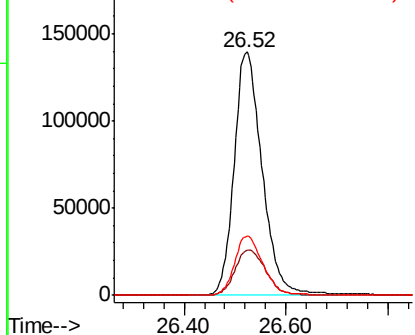
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 5.427 ng
 RT: 26.52 min Scan# 2940
 Delta R.T. 0.00 min
 Lab File: BE100442.D
 Acq: 16 Jul 2019 12:10

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 531619
 Ion Ratio Lower Upper
 276 100
 138 20.5 17.0 25.6
 277 24.9 19.8 29.6

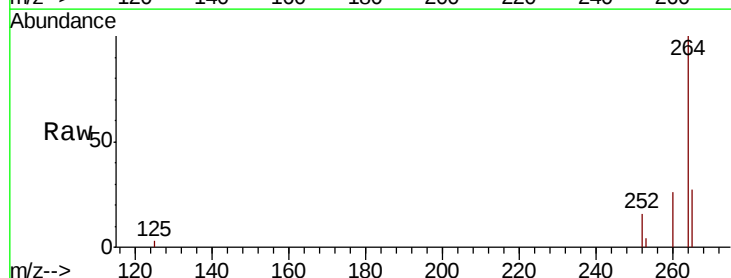


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

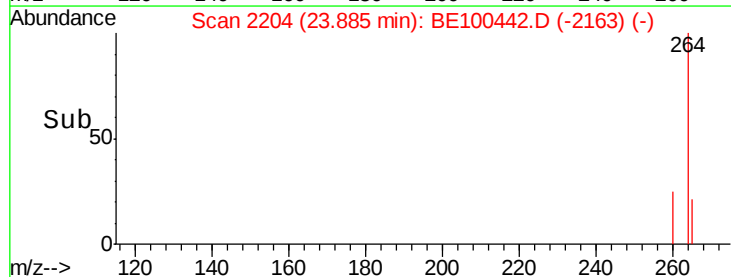
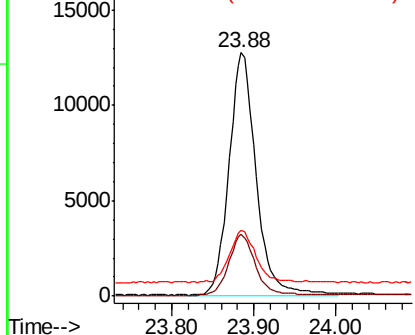


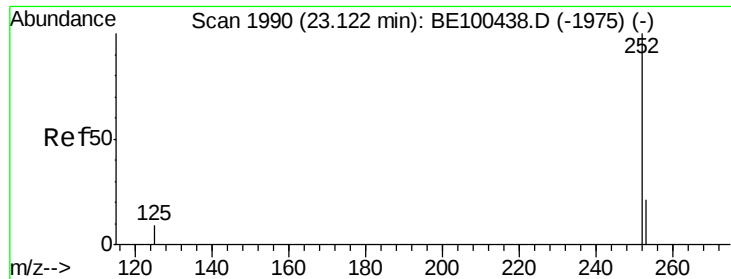
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.88 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE100442.D
 Acq: 16 Jul 2019 12:10

Tgt Ion:264 Resp: 29095
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.0 30.0
 265 27.0 22.2 33.4



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: 5.245 ng

RT: 23.12 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

Instrument :

BNA_E

ClientSampleId :

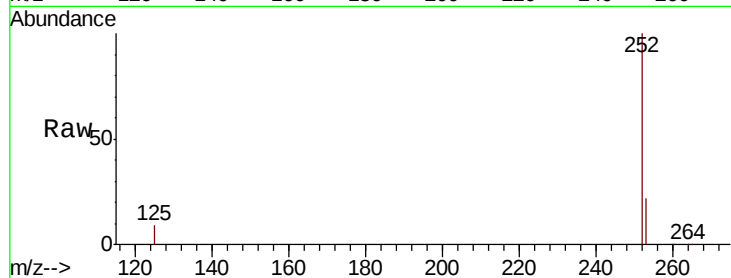
Tot Ion:252 Resp: 479210

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

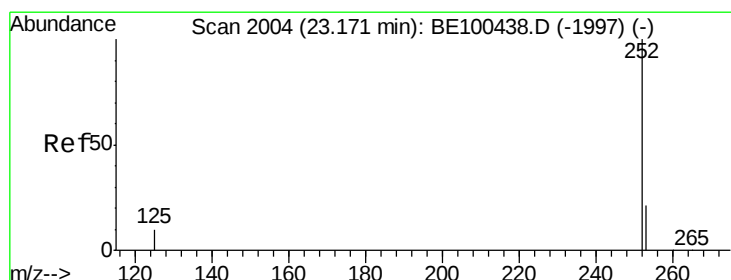
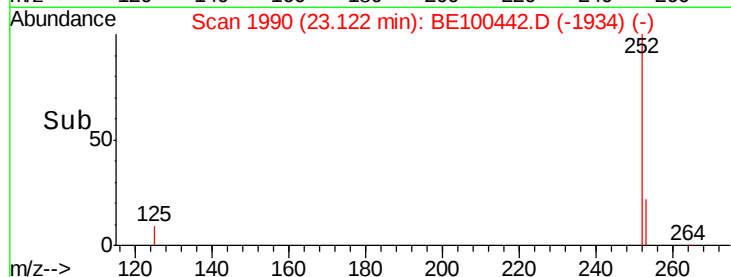
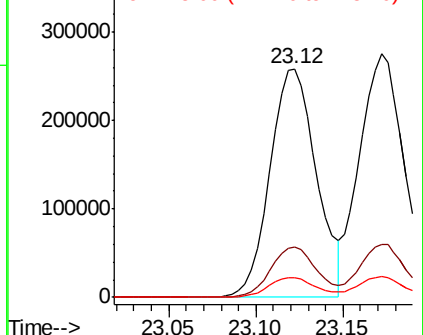
125 8.7 8.0 12.0



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: 5.372 ng

RT: 23.17 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

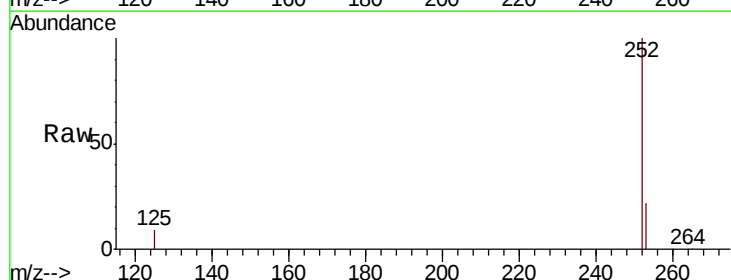
Tgt Ion:252 Resp: 513599

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

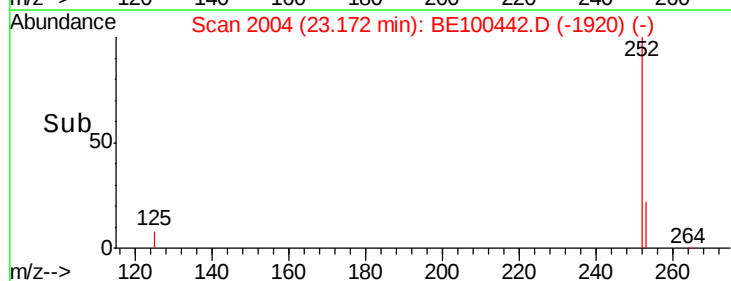
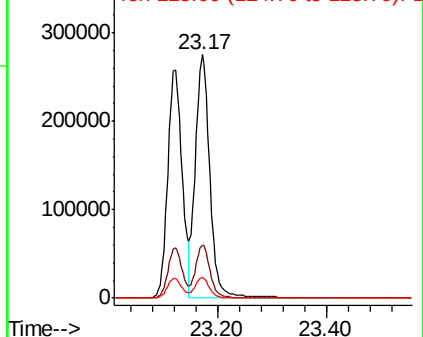
125 8.5 8.3 12.5

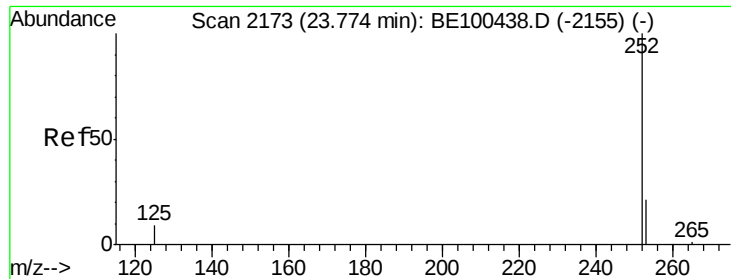


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

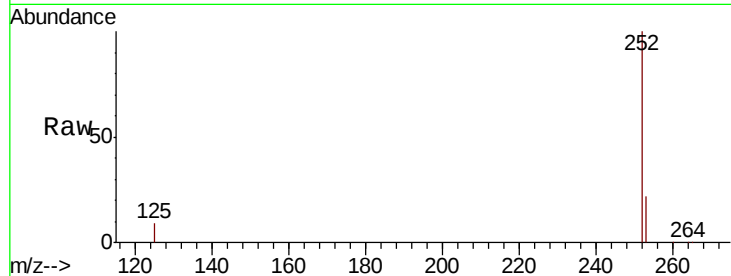




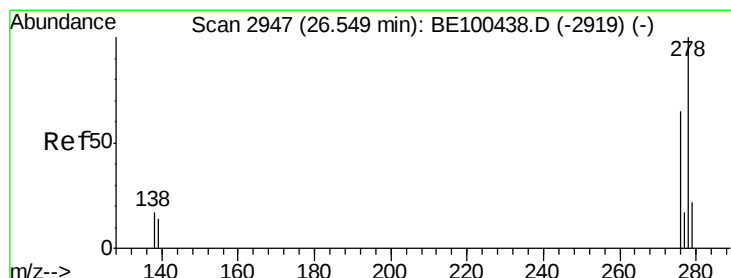
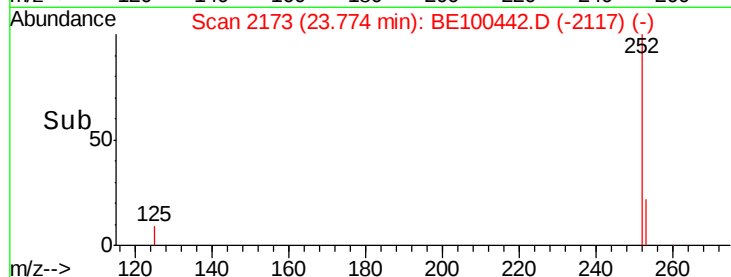
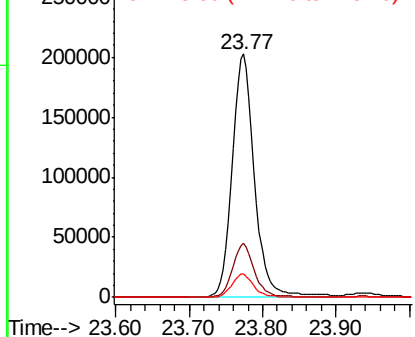
#37
Benzo(a)pyrene
Concen: 5.632 ng
RT: 23.77 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

Instrument :
BNA_E
ClientSampled :

Tot Ion:252 Resp: 430700
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.5 9.0 13.6

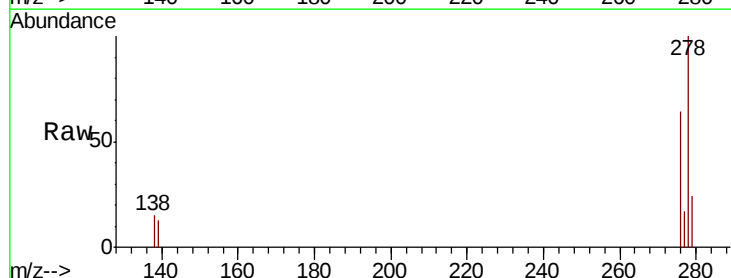


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

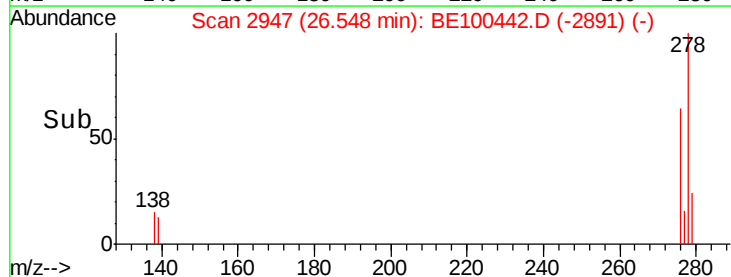
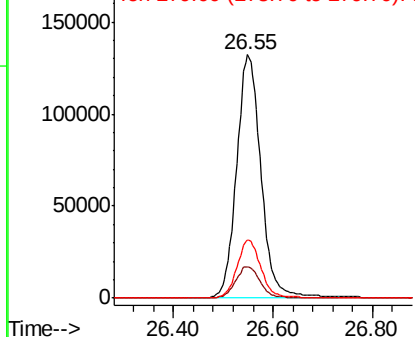


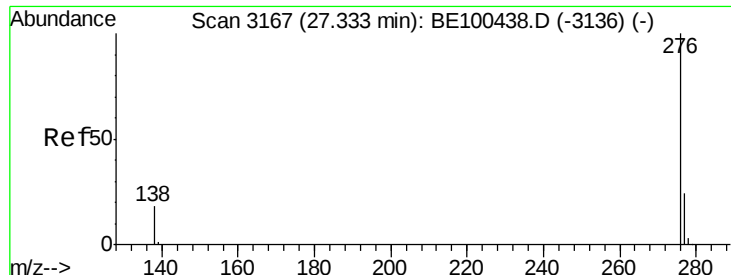
#38
Dibenzo(a,h)anthracene
Concen: 5.635 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BE100442.D
Acq: 16 Jul 2019 12:10

Tgt Ion:278 Resp: 449975
Ion Ratio Lower Upper
278 100
139 13.0 12.2 18.2
279 23.7 18.6 27.8



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: 5.295 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BE100442.D

Acq: 16 Jul 2019 12:10

Instrument :

BNA_E

ClientSampleId :

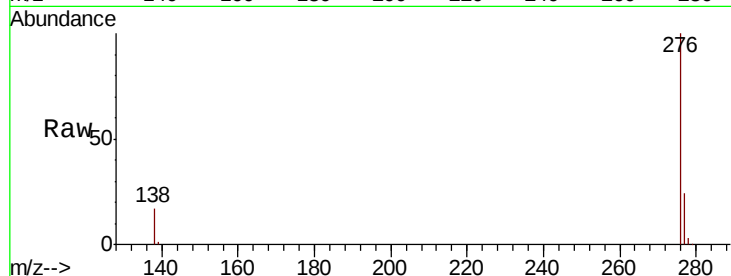
Tot Ion: 276 Resp: 438991

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 17.4 15.1 22.7



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

