

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE098995.D
 Acq On : 18 Mar 2019 11:34
 Operator : JU/SJ
 Sample : PB117963BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117963BS

Quant Time: Mar 25 05:32:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	811	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3794	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2472	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6199	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6544	0.40	ng	-0.01
34) Perylene-d12	23.90	264	6222	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	670	0.28	ng	0.02
5) Phenol-d6	7.00	99	1231	0.36	ng	0.01
8) Nitrobenzene-d5	8.98	82	1654	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2773	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	324	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5854	0.57	ng	0.00
25) Fluoranthene-d10	19.24	212	32230	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	19441	1.22	ng	0.00

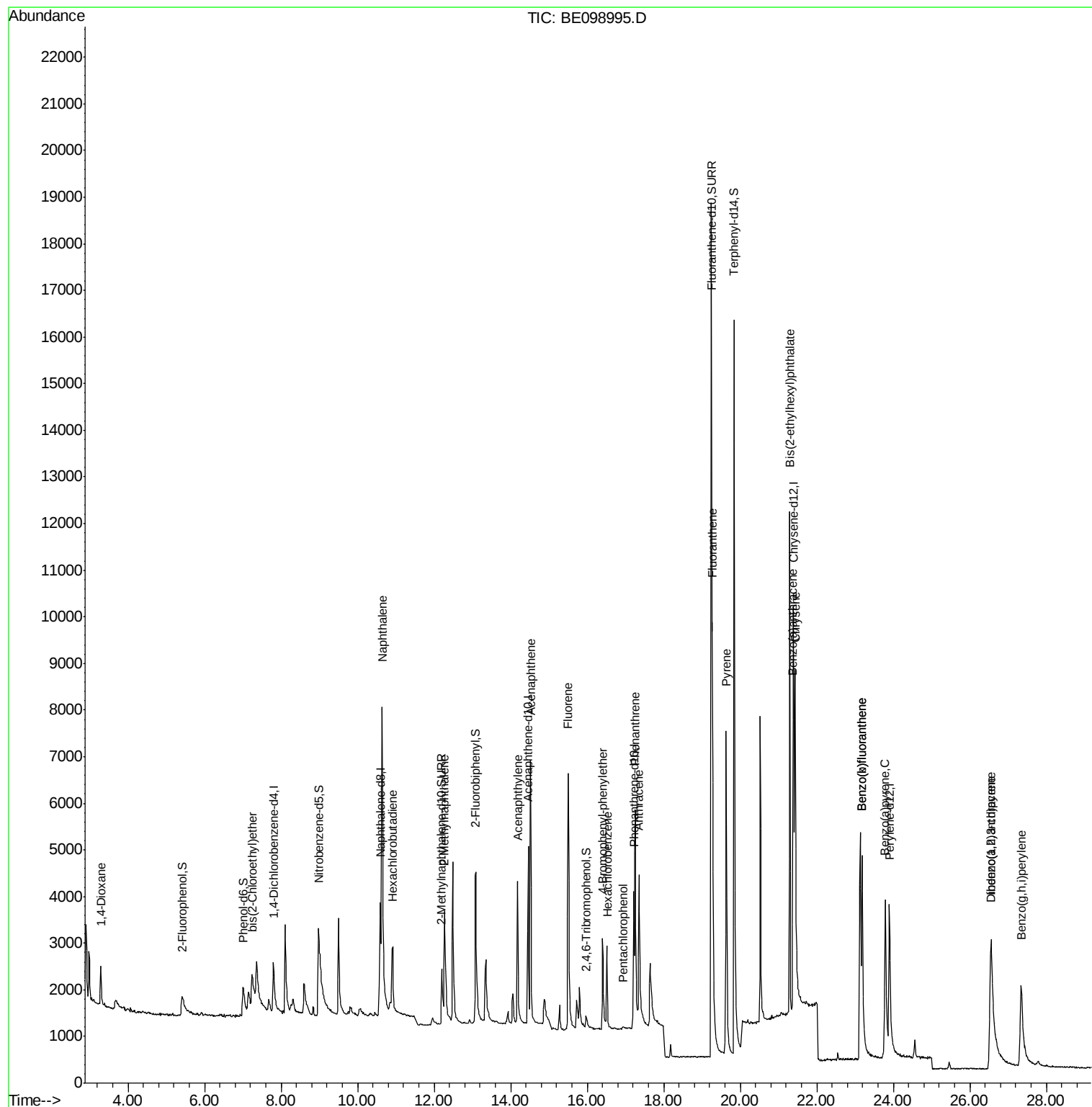
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	583	0.363	ng	92
6) bis(2-Chloroethyl)ether	7.24	93	746	0.282	ng	90
9) Naphthalene	10.64	128	17418	0.401	ng	99
10) Hexachlorobutadiene	10.91	225	1104	0.384	ng	94
12) 2-Methylnaphthalene	12.27	142	2631	0.373	ng	98
16) Acenaphthylene	14.18	152	4868	0.383	ng	98
17) Acenaphthene	14.51	154	3022	0.401	ng	99
18) Fluorene	15.50	166	4175	0.384	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1429	0.425	ng	93
21) Hexachlorobenzene	16.52	284	1574	0.394	ng	97
22) Pentachlorophenol	16.93	266	74	0.319	ng	98
23) Phenanthrene	17.25	178	6612	0.375	ng	98
24) Anthracene	17.35	178	4885	0.324	ng	99
26) Fluoranthene	19.27	202	8471	0.341	ng	99
28) Pyrene	19.63	202	8663	0.433	ng	99
30) Benzo(a)anthracene	21.38	228	7494	0.367	ng	99
31) Chrysene	21.44	228	8465	0.387	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	11928	0.274	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	7126	0.309	ng	100
35) Benzo(b)fluoranthene	23.18	252	8713	0.426	ng	97
36) Benzo(k)fluoranthene	23.18	252	9086	0.424	ng	99
37) Benzo(a)pyrene	23.79	252	7795	0.397	ng	# 91
38) Dibenzo(a,h)anthracene	26.57	278	5370	0.289	ng	96
39) Benzo(g,h,i)perylene	27.34	276	6809	0.351	ng	96

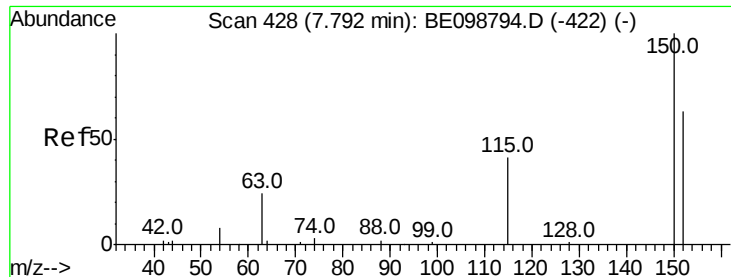
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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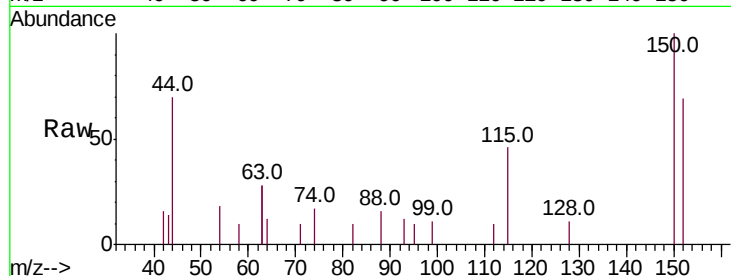


#1

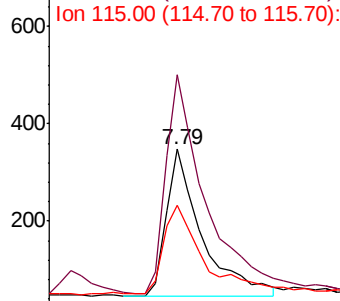
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

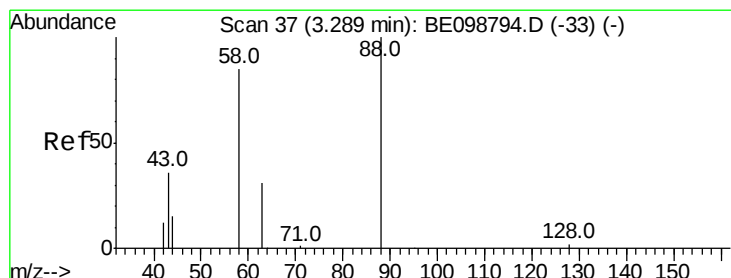
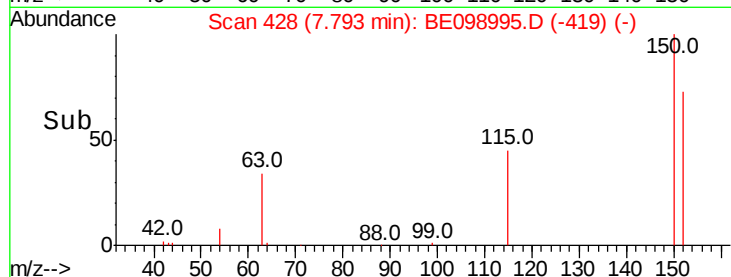
Tot Ion:152 Resp: 811
Ion Ratio Lower Upper
152 100
150 144.0 122.5 183.7
115 66.7 57.4 86.2



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



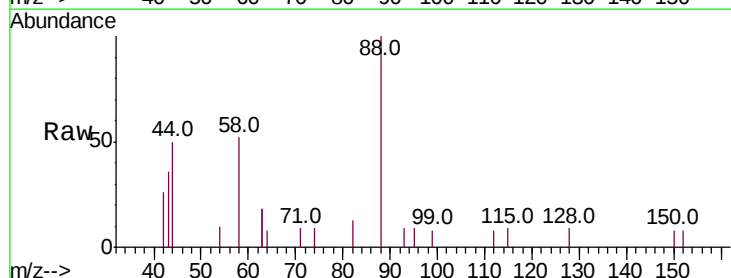
Time-->



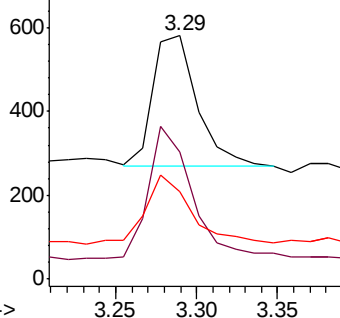
#2

1,4-Dioxane
Concen: 0.363 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

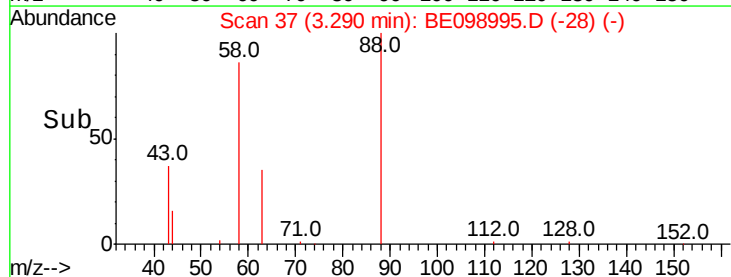
Tgt Ion: 88 Resp: 583
Ion Ratio Lower Upper
88 100
58 102.7 75.8 113.6
43 57.3 41.8 62.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.276 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

ClientSampleId :

PB117963BS

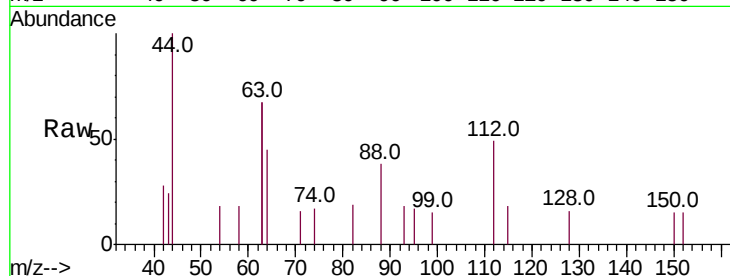
Tot Ion:112 Resp: 670

Ion Ratio Lower Upper

112 100

64 79.3 57.9 86.9

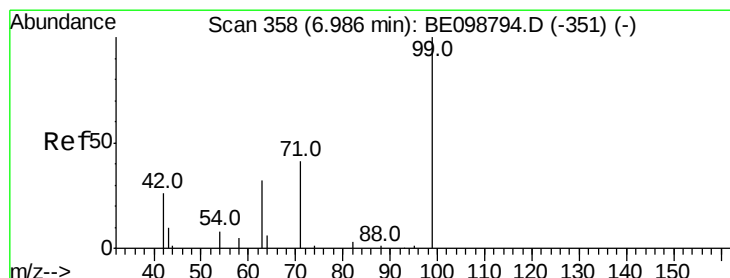
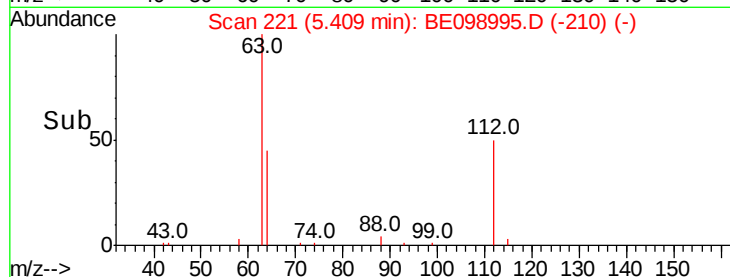
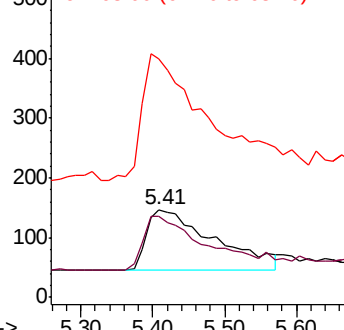
63 219.9 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.359 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

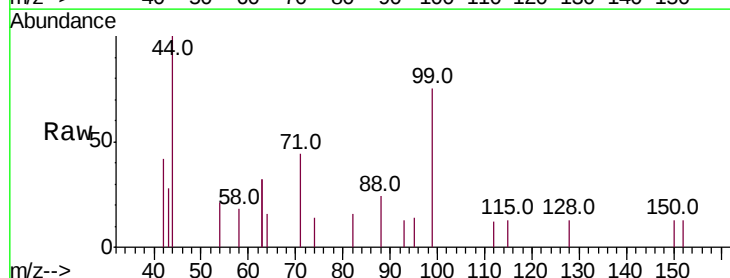
Tgt Ion: 99 Resp: 1231

Ion Ratio Lower Upper

99 100

42 28.1 24.2 36.2

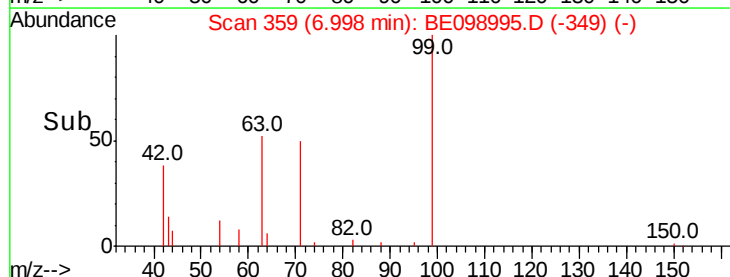
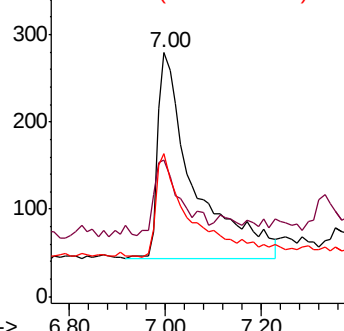
71 43.7 35.7 53.5

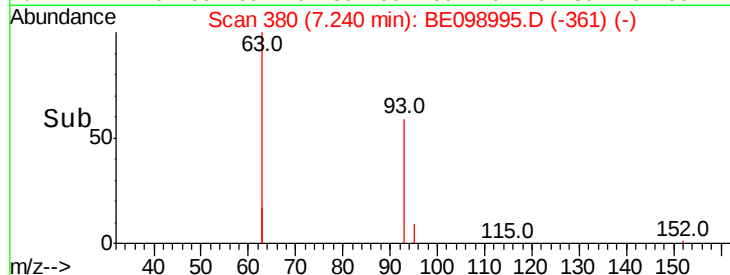
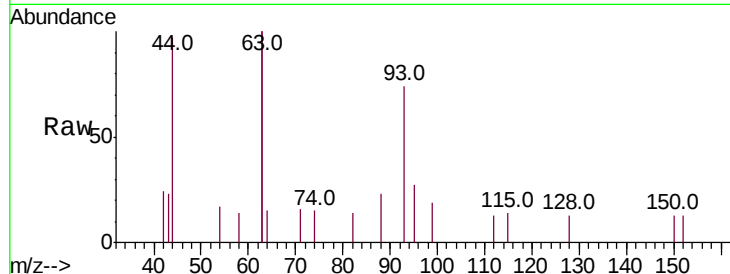
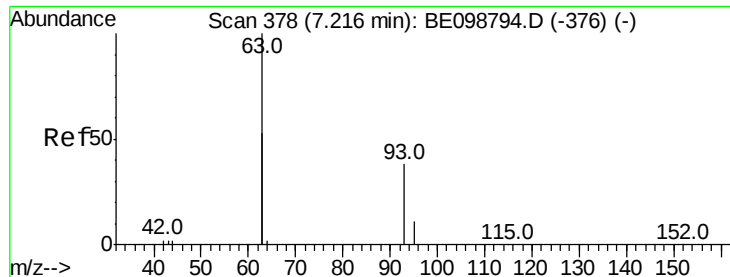


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

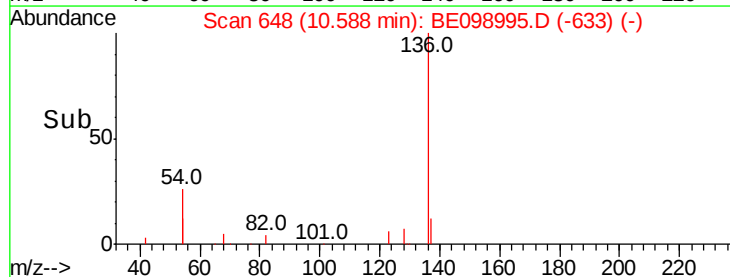
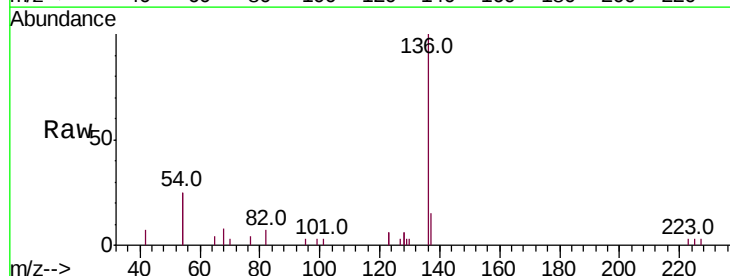
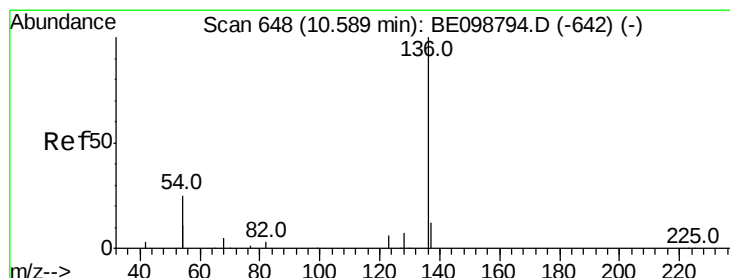
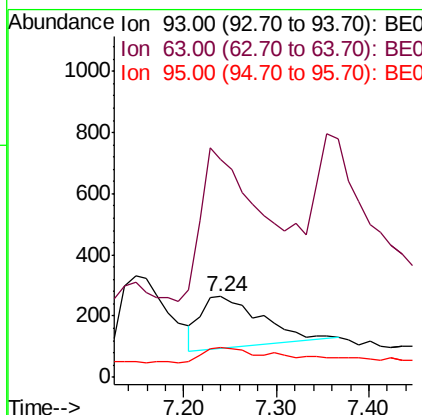




#6
bis(2-Chloroethyl)ether
Concen: 0.282 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.02 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

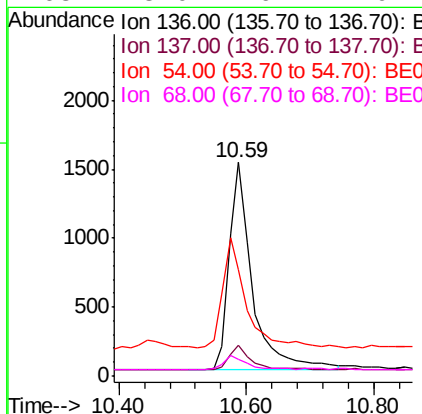
Instrument :
BNA_E
ClientSampleId :
PB117963BS

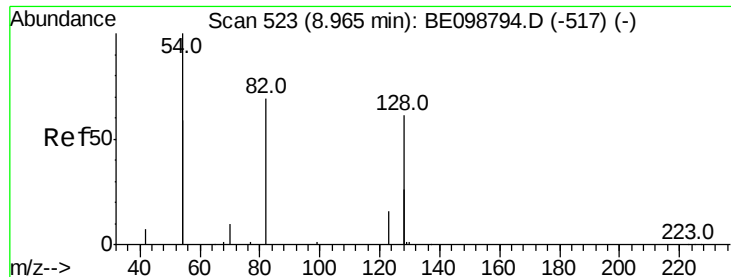
Tot Ion: 93 Resp: 746
Ion Ratio Lower Upper
93 100
63 289.1 247.5 371.3
95 22.9 21.8 32.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion:136 Resp: 3794
Ion Ratio Lower Upper
136 100
137 14.6 11.4 17.0
54 49.7 39.3 58.9
68 8.0 6.7 10.1

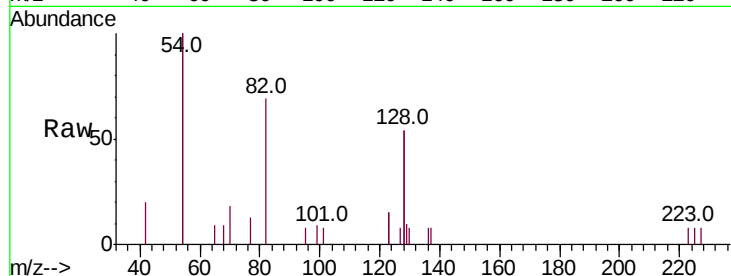




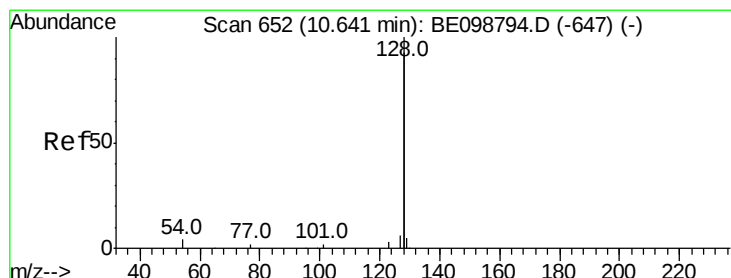
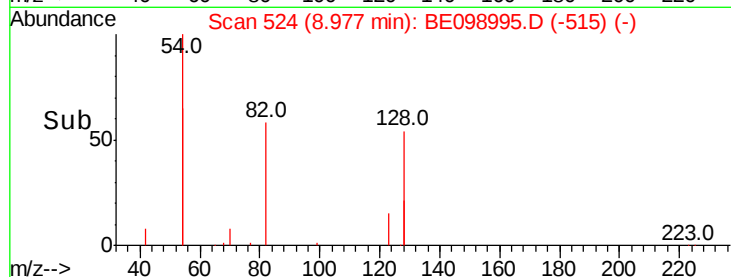
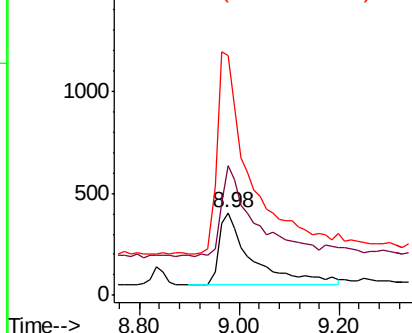
#8
 Nitrobenzene-d5
 Concen: 0.416 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BE098995.D
 Acq: 18 Mar 2019 11:34

Instrument :
 BNA_E
 ClientSampleId :
 PB117963BS

Tot Ion	82	Resp	1654
Ion Ratio	Lower	Upper	
82	100		
128	157.1	123.8	185.8
54	289.7	203.4	305.2

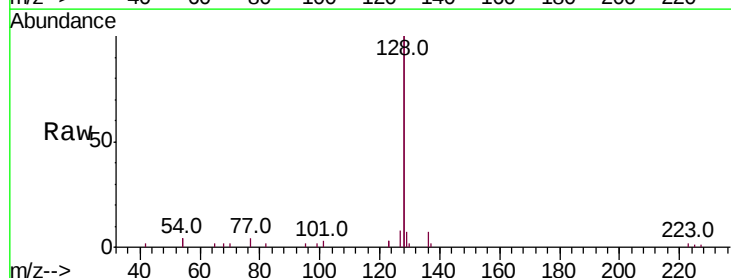


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

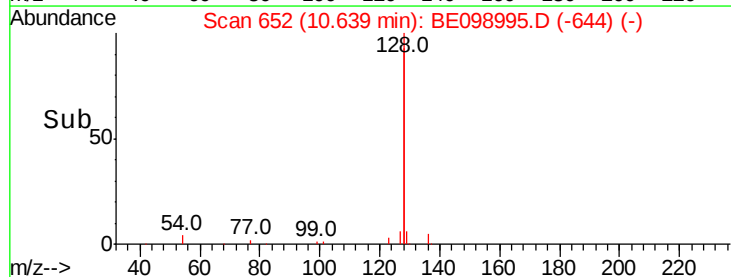
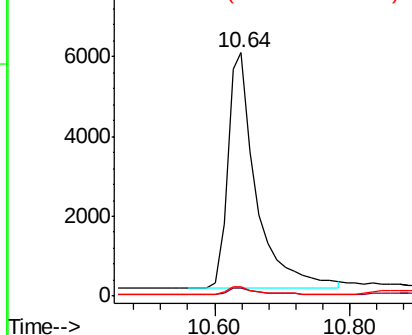


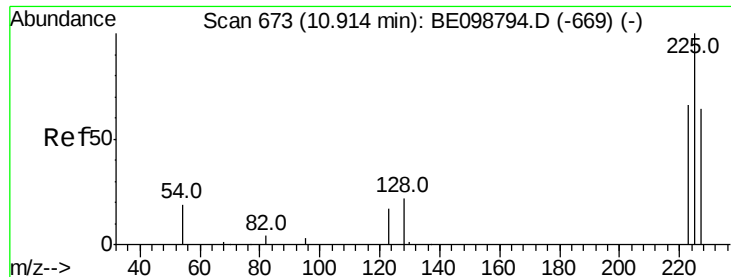
#9
 Naphthalene
 Concen: 0.401 ng
 RT: 10.64 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BE098995.D
 Acq: 18 Mar 2019 11:34

Tgt Ion	128	Resp	17418
Ion Ratio	Lower	Upper	
128	100		
129	3.6	2.6	4.0
127	3.8	3.1	4.7



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

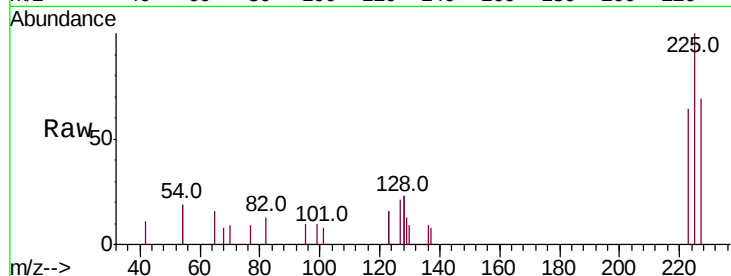




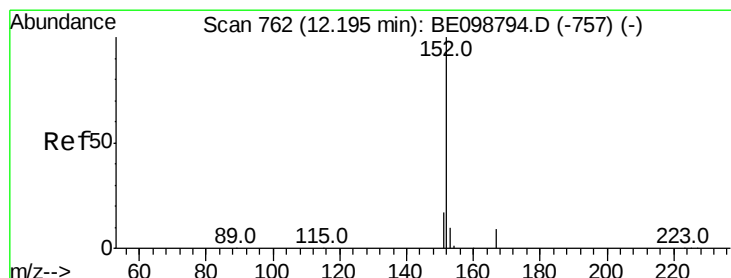
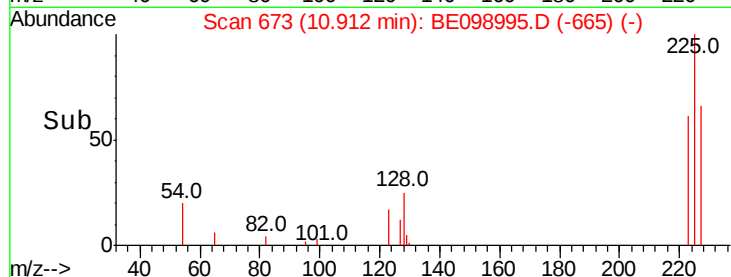
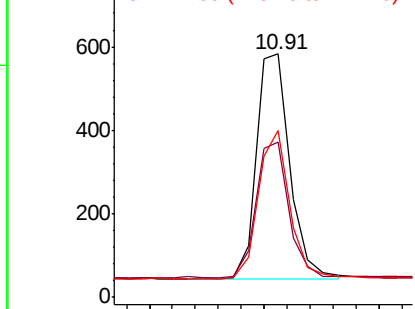
#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098995.D
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Instrument :
BNA_E
ClientSampleId :
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Tot Ion:225 Resp: 1104
Ion Ratio Lower Upper
225 100
223 58.0 51.1 76.7
227 61.7 51.6 77.4

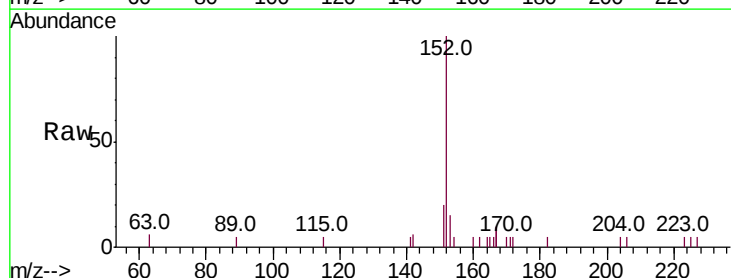


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

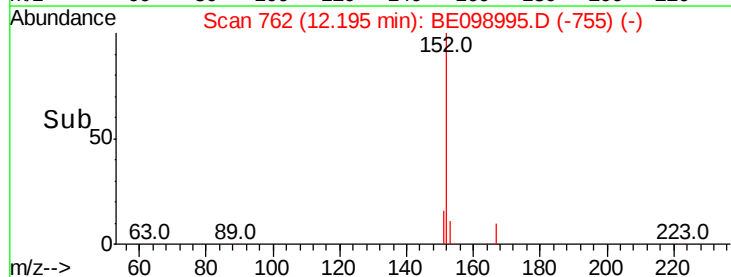
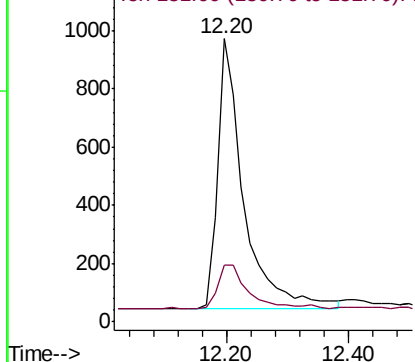


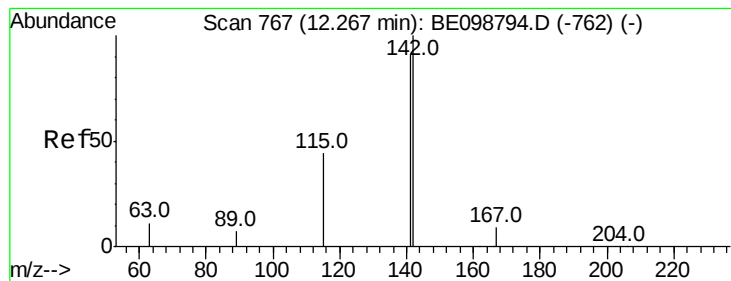
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion:152 Resp: 2773
Ion Ratio Lower Upper
152 100
151 19.0 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.373 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

ClientSampleId :

PB117963BS

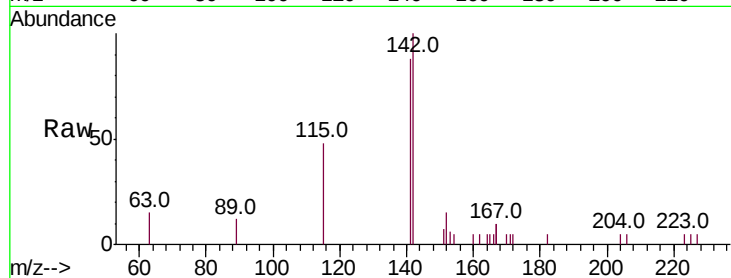
Tot Ion:142 Resp: 2631

Ion Ratio Lower Upper

142 100

141 88.2 72.6 108.8

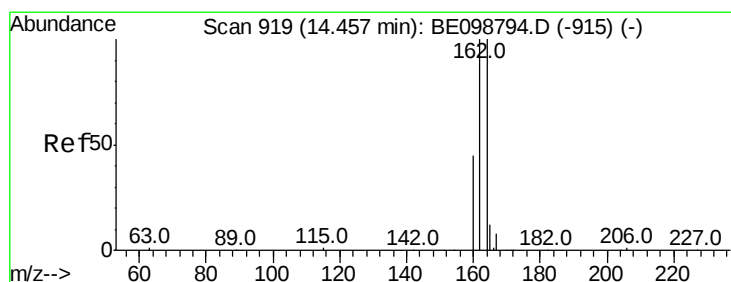
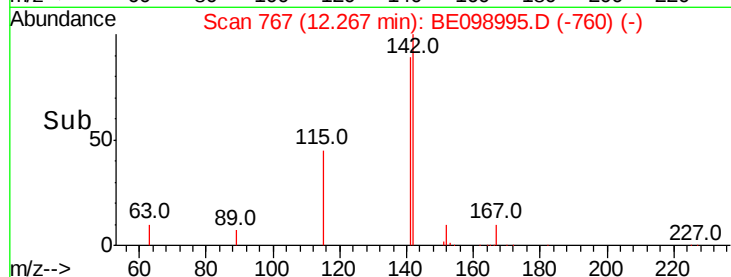
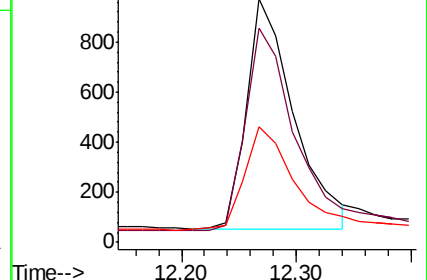
115 47.7 37.4 56.2



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: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

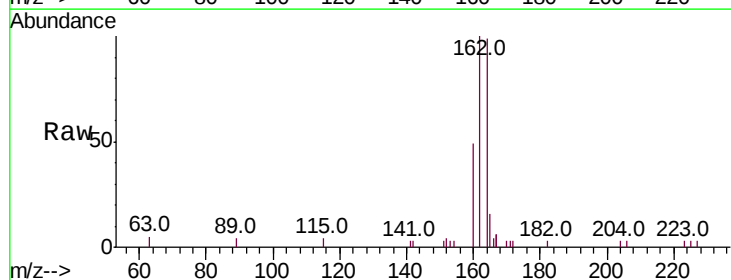
Tgt Ion:164 Resp: 2472

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

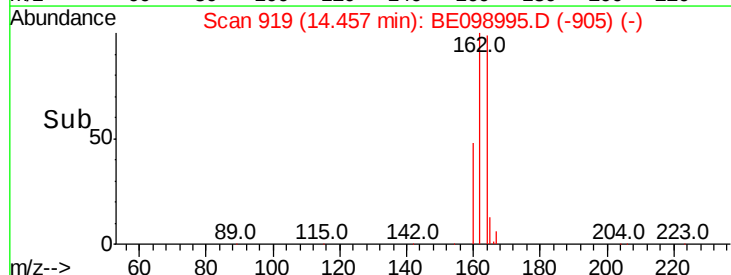
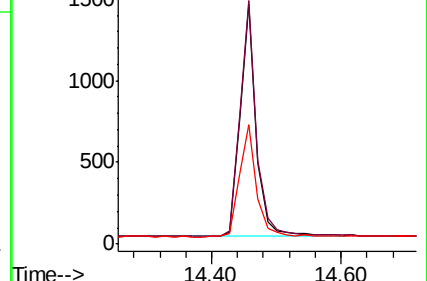
160 49.8 37.8 56.8

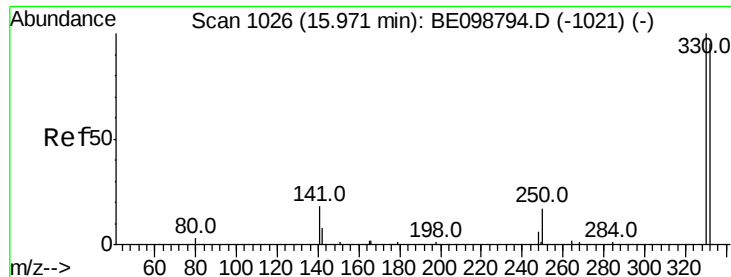


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

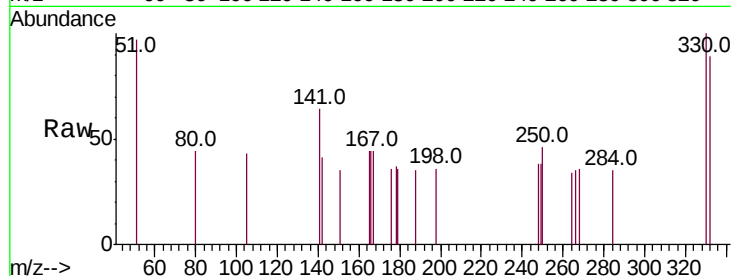




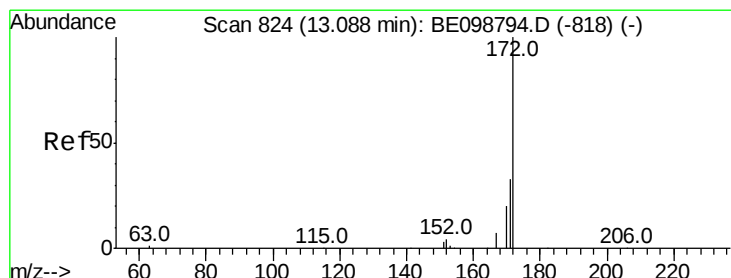
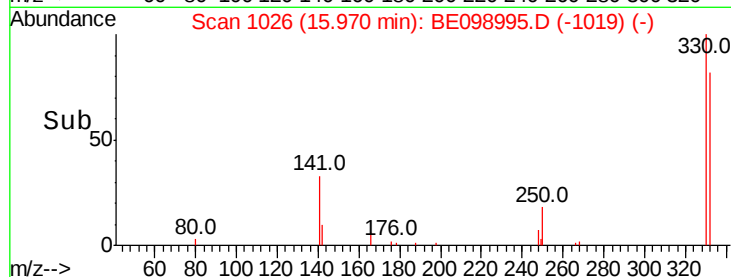
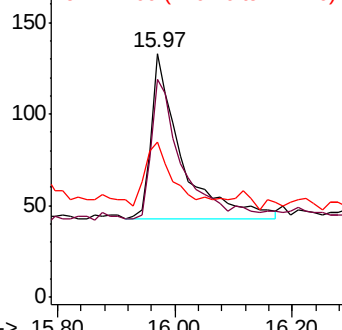
#14
2,4,6-Tribromophenol
Concen: 0.260 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

Tot Ion:330 Resp: 324
Ion Ratio Lower Upper
330 100
332 81.2 77.6 116.4
141 37.0 31.0 46.4

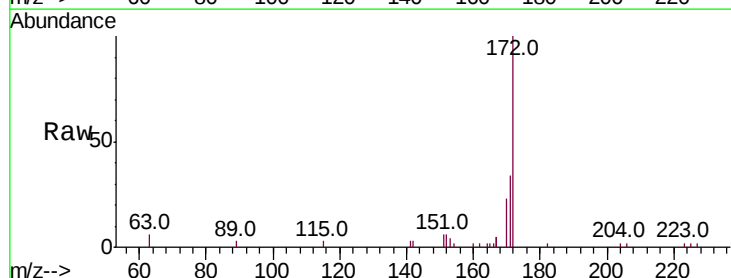


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

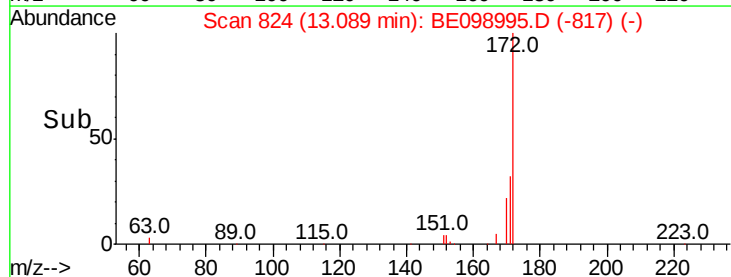
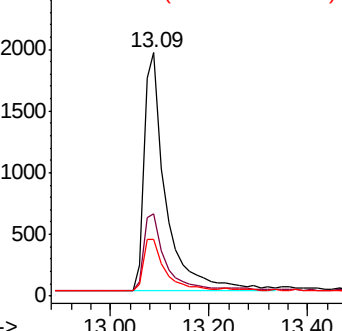


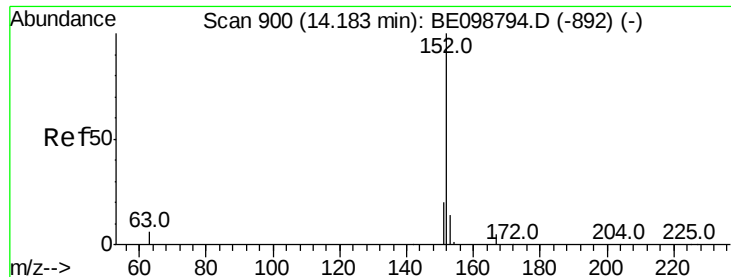
#15
2-Fluorobiphenyl
Concen: 0.572 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion:172 Resp: 5854
Ion Ratio Lower Upper
172 100
171 33.8 28.0 42.0
170 23.5 17.7 26.5



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

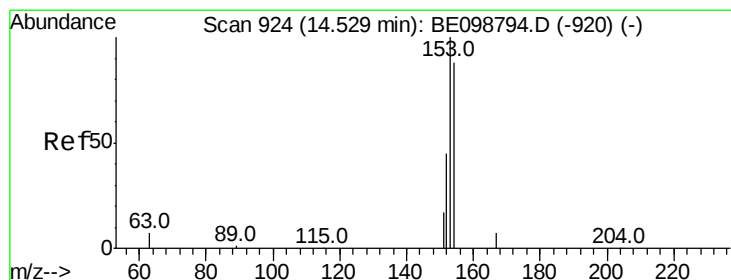
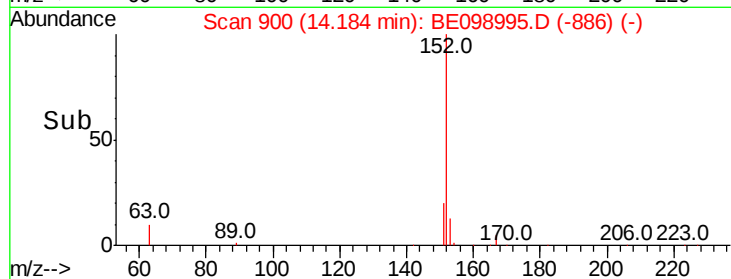
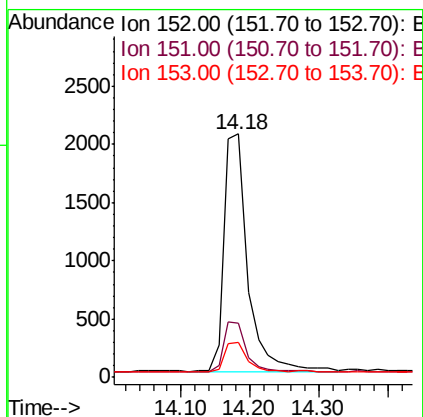
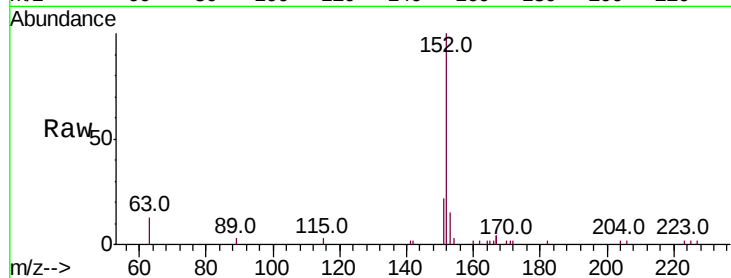




#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

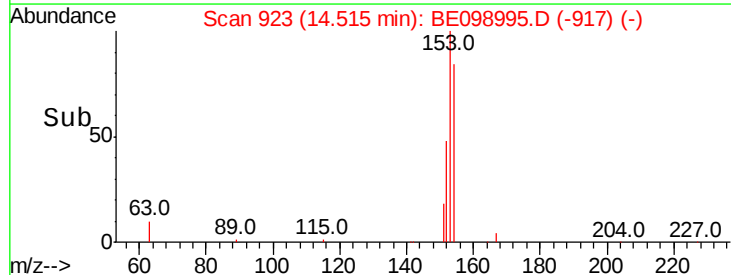
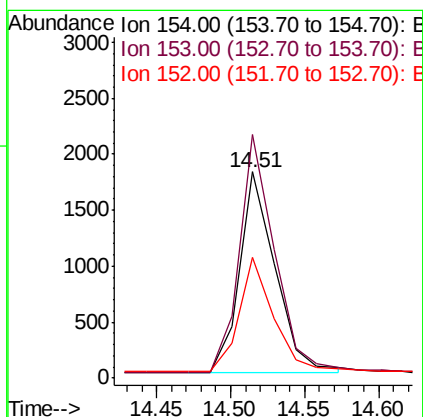
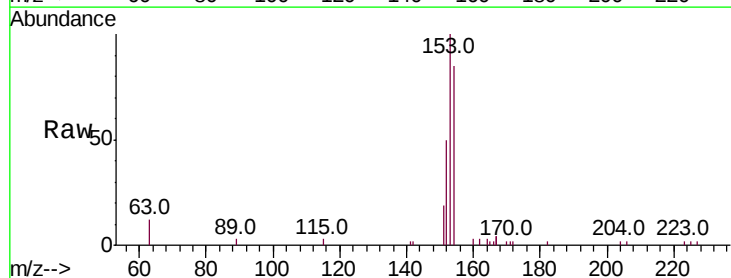
Instrument :
BNA_E
ClientSampleId :
PB117963BS

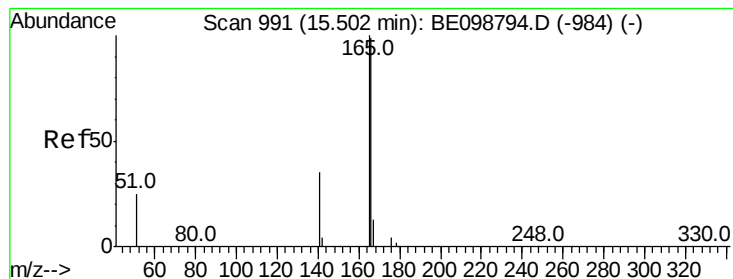
Tot Ion:152 Resp: 4868
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6
153 12.5 11.2 16.8



#17
Acenaphthene
Concen: 0.401 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion:154 Resp: 3022
Ion Ratio Lower Upper
154 100
153 117.3 94.2 141.4
152 55.7 45.0 67.4





#18

Fluorene

Concen: 0.384 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

ClientSampled :

PB117963BS

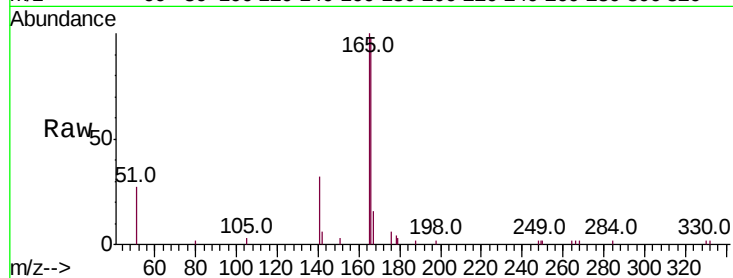
Tot Ion:166 Resp: 4175

Ion Ratio Lower Upper

166 100

165 99.5 79.3 118.9

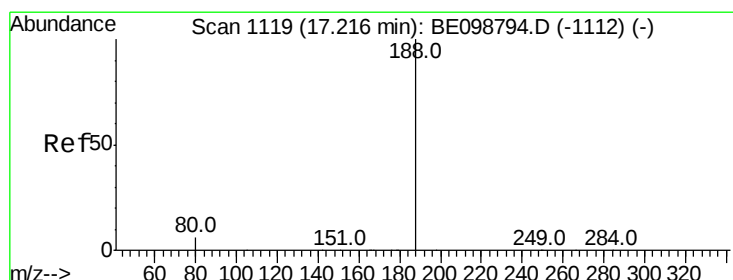
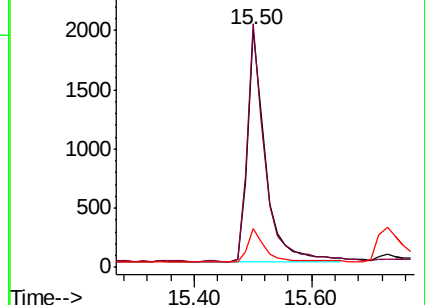
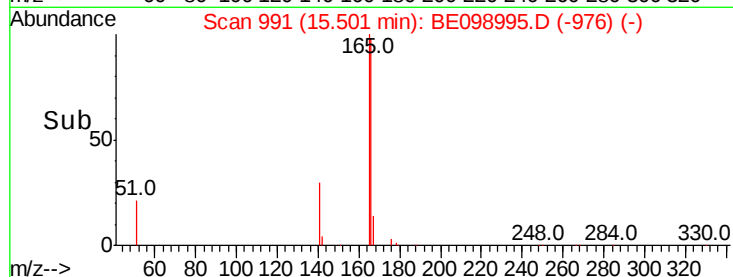
167 13.6 10.5 15.7



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

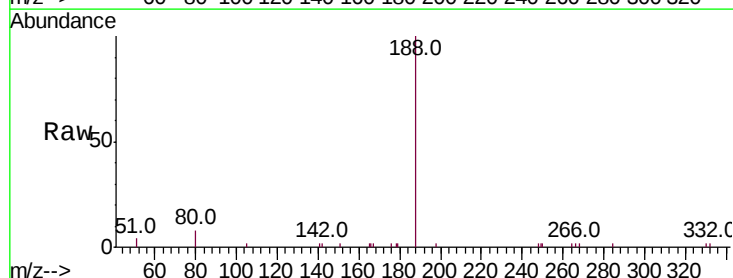
Tgt Ion:188 Resp: 6199

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

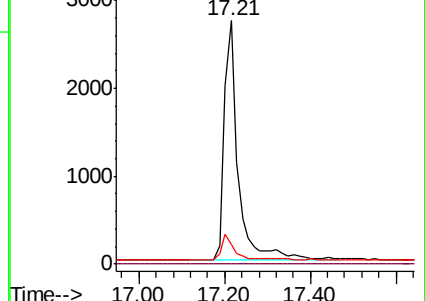
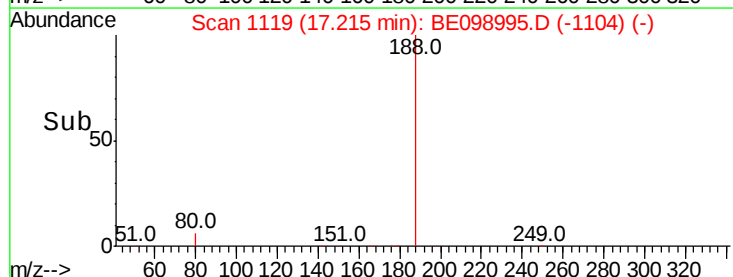
80 8.2 6.3 9.5

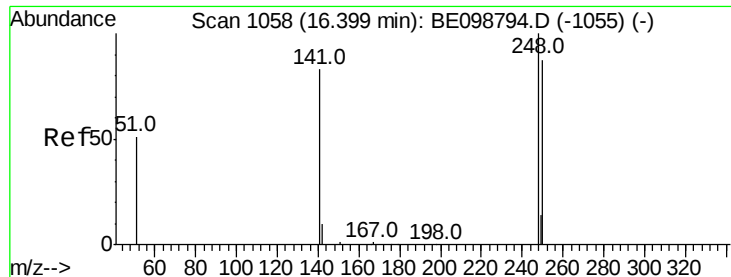


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

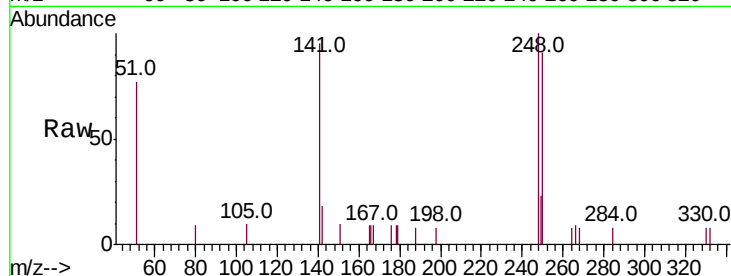




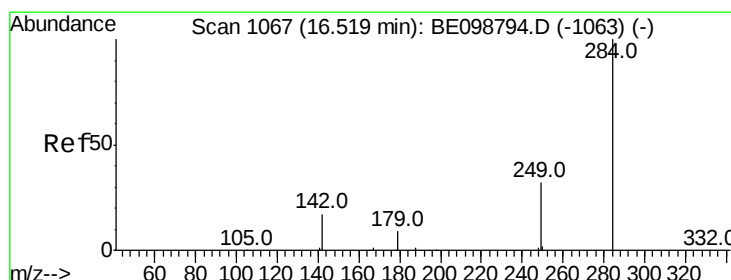
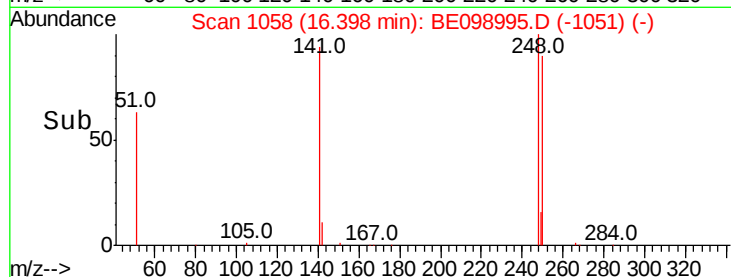
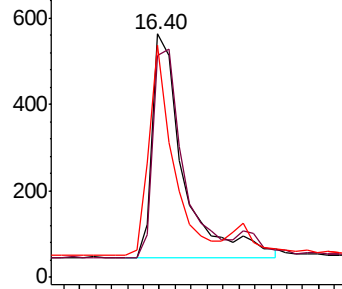
#20
4-Bromophenyl-phenylether
Concen: 0.425 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

Tot Ion:248 Resp: 1429
Ion Ratio Lower Upper
248 100
250 91.1 70.6 105.8
141 95.2 68.6 102.8

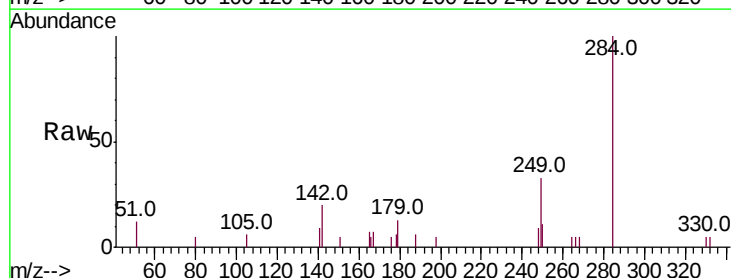


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

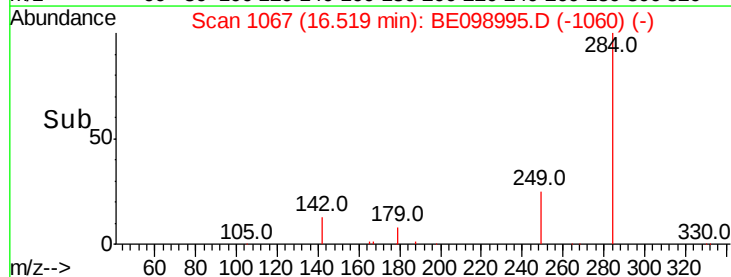
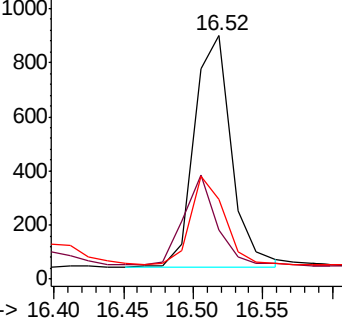


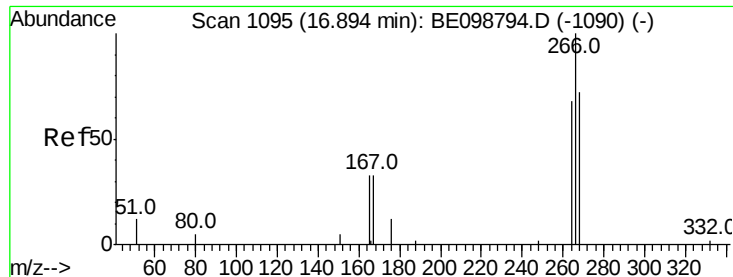
#21
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion:284 Resp: 1574
Ion Ratio Lower Upper
284 100
142 34.5 28.7 43.1
249 34.9 29.6 44.4



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: 0.319 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

ClientSampleId :

PB117963BS

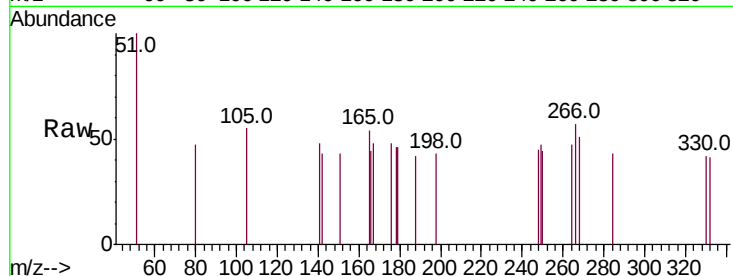
Tot Ion:266 Resp: 74

Ion Ratio Lower Upper

266 100

264 82.0 66.6 100.0

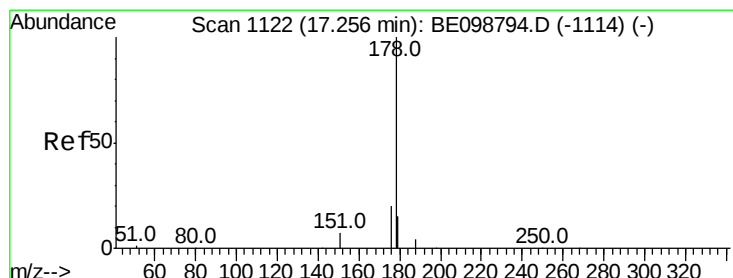
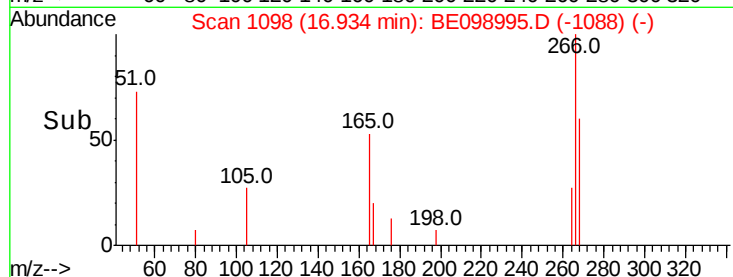
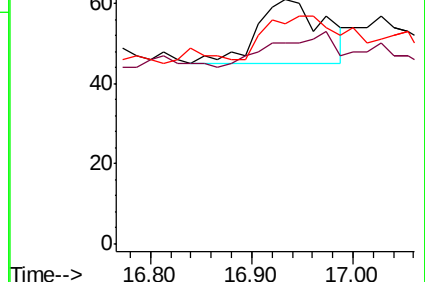
268 90.2 69.8 104.8



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: 0.375 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

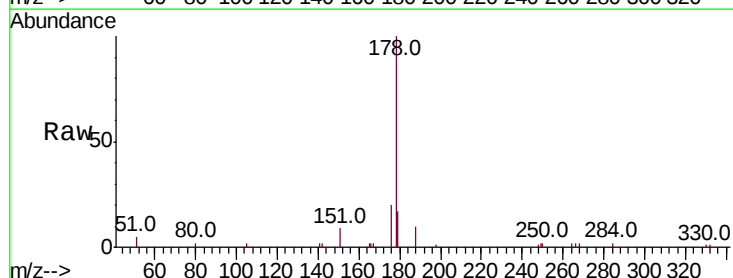
Tgt Ion:178 Resp: 6612

Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

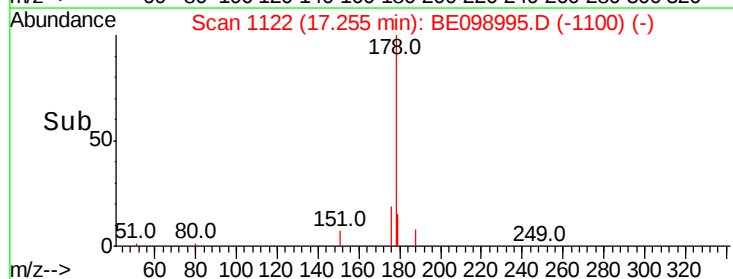
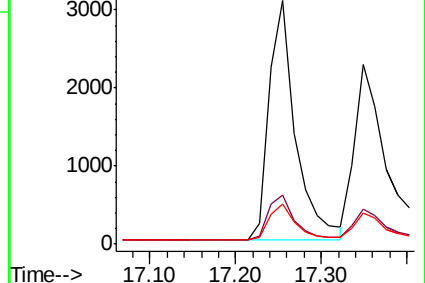
179 16.0 12.1 18.1

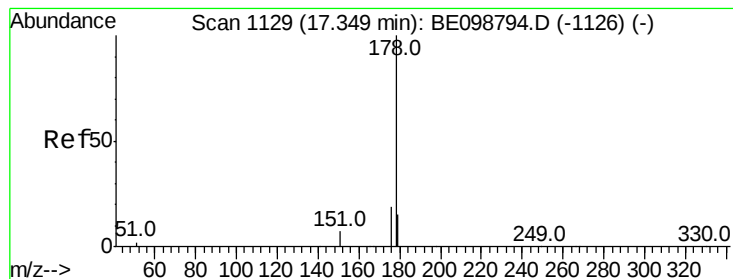


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.324 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

ClientSampleId :

PB117963BS

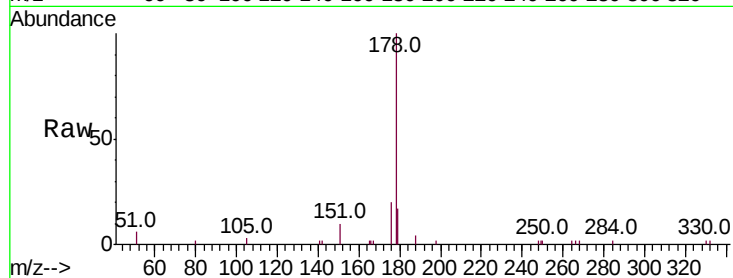
Tot Ion:178 Resp: 4885

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

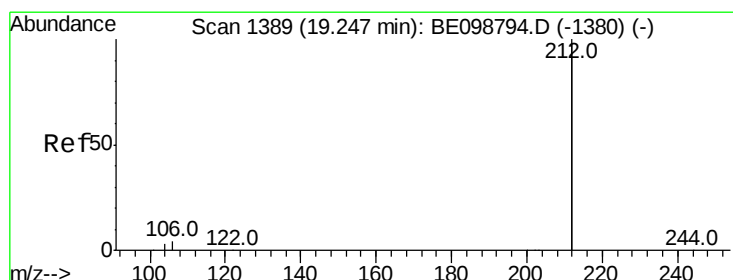
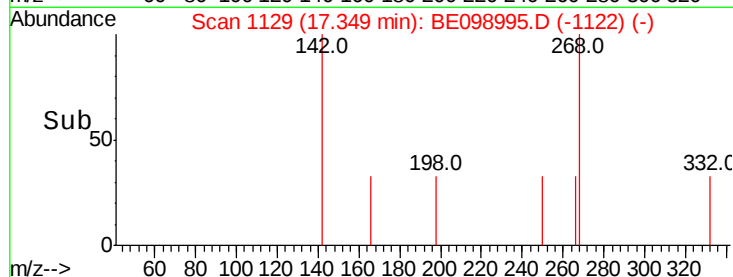
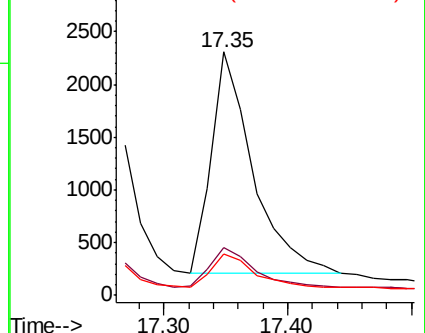
179 15.5 12.2 18.4



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: 0.326 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

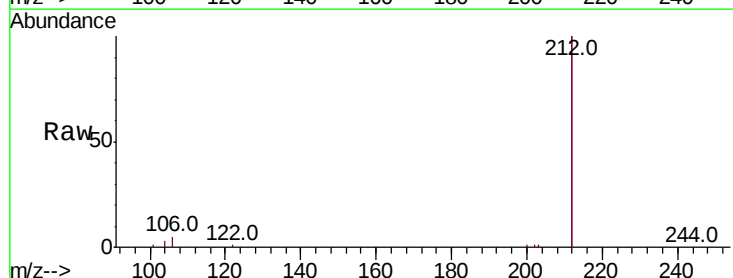
Tgt Ion:212 Resp: 32230

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

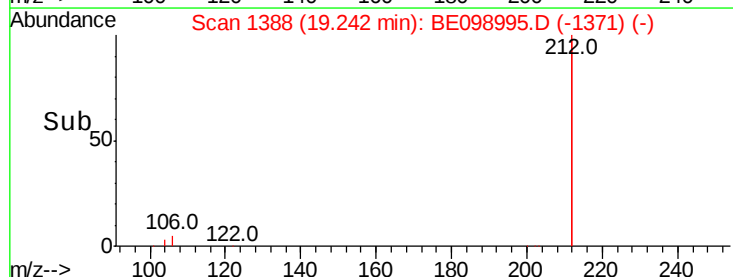
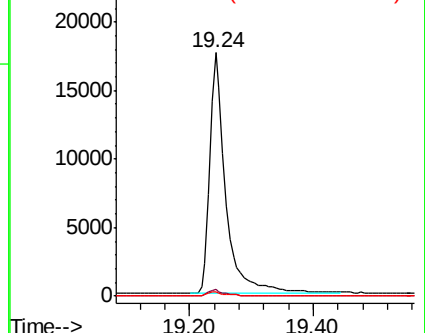
104 1.4 1.0 1.6

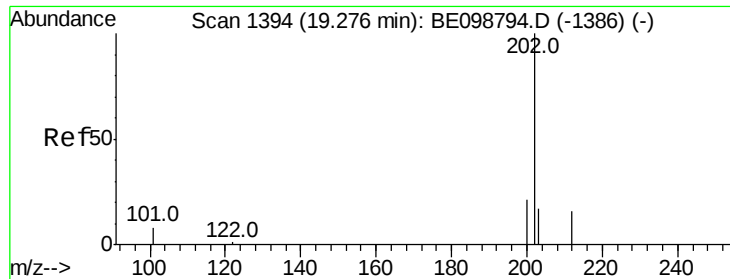


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

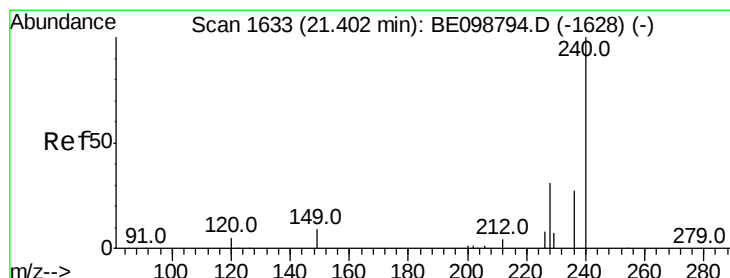
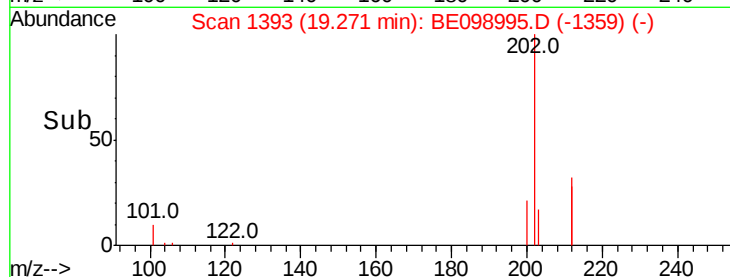
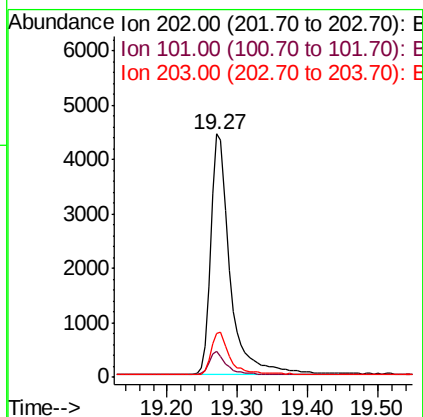
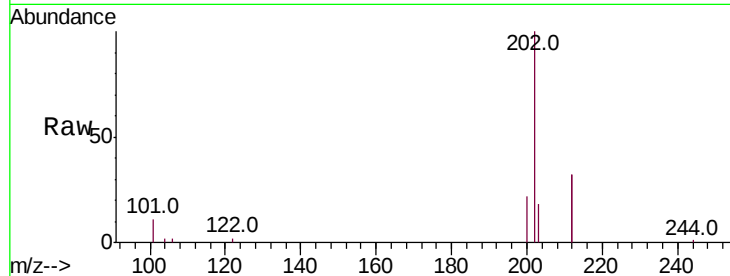




#26
 Fluoranthene
 Concen: 0.341 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BE098995.D
 Acq: 18 Mar 2019 11:34

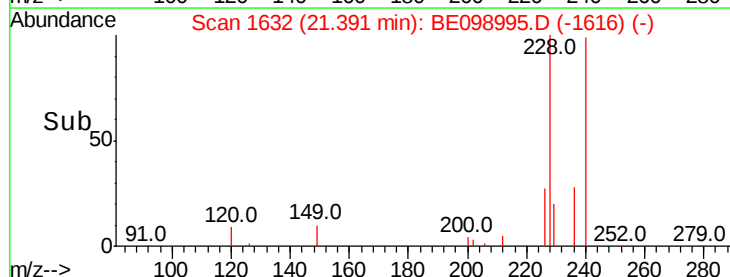
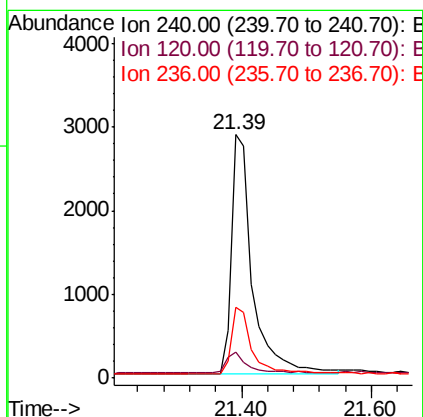
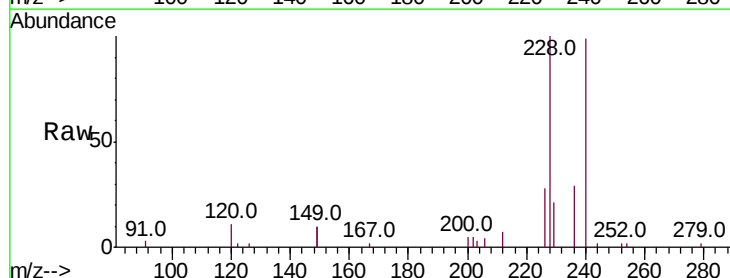
Instrument :
 BNA_E
 ClientSampleId :
 PB117963BS

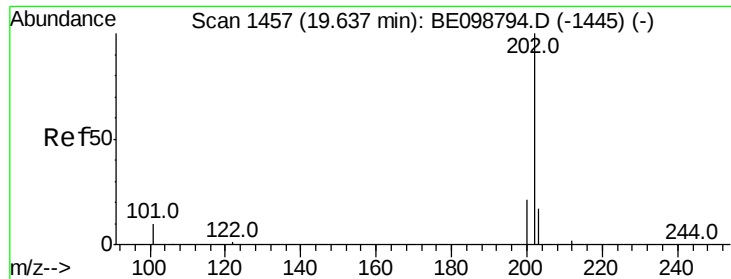
Tot Ion:202 Resp: 8471
 Ion Ratio Lower Upper
 202 100
 101 8.9 7.3 10.9
 203 17.1 13.4 20.2



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE098995.D
 Acq: 18 Mar 2019 11:34

Tgt Ion:240 Resp: 6544
 Ion Ratio Lower Upper
 240 100
 120 10.8 5.0 7.4#
 236 29.2 22.7 34.1





#28

Pvrene

Concen: 0.433 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

ClientSampleId :

PB117963BS

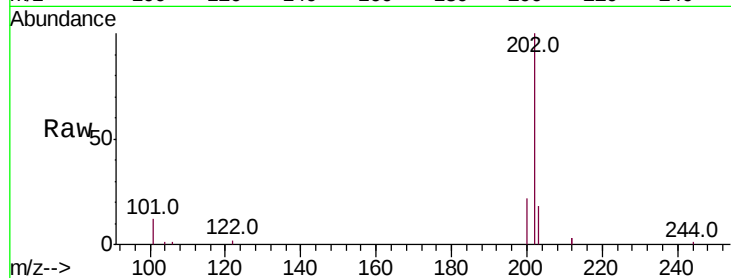
Tot Ion:202 Resp: 8663

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

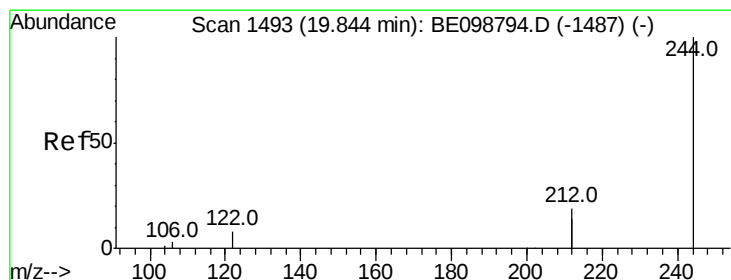
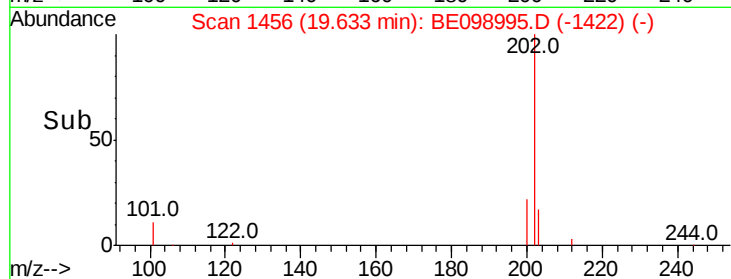
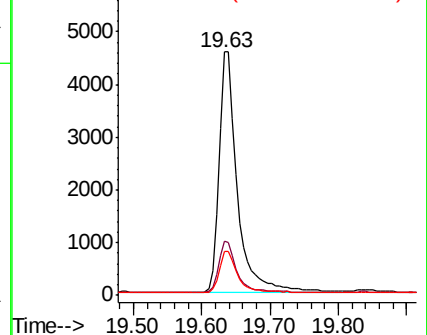
203 17.0 14.2 21.2



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: 1.222 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

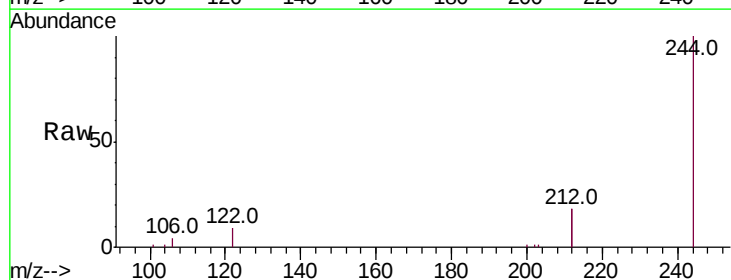
Tgt Ion:244 Resp: 19441

Ion Ratio Lower Upper

244 100

212 35.1 29.4 44.2

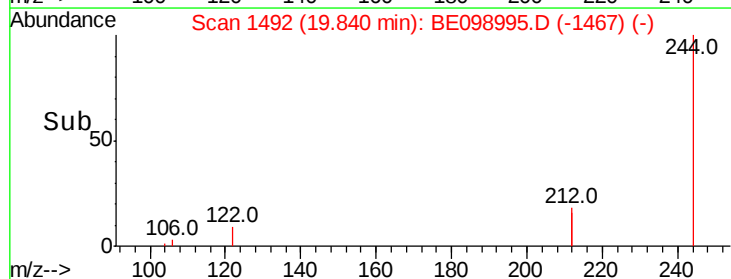
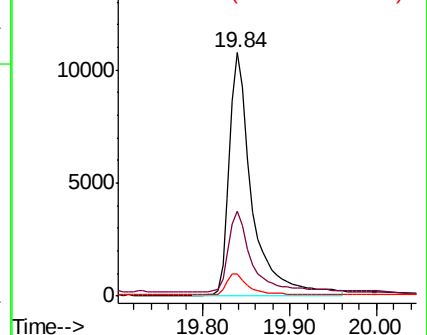
122 9.4 7.1 10.7

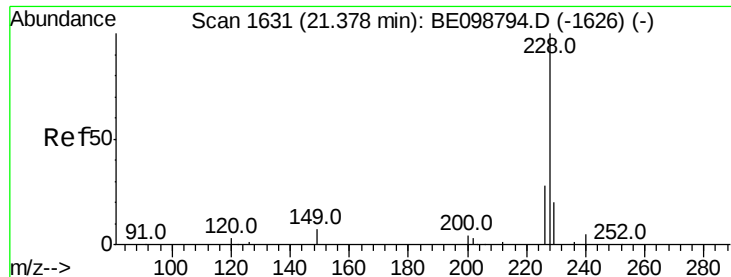


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.367 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

ClientSampleId :

PB117963BS

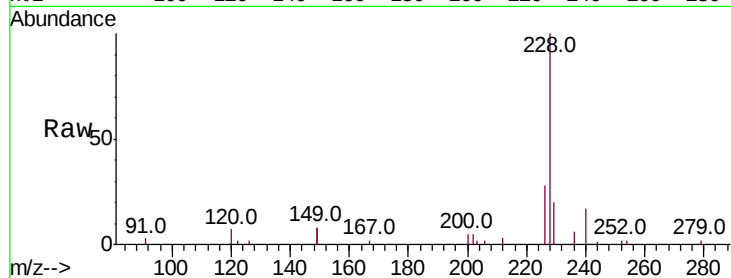
Tot Ion:228 Resp: 7494

Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.4

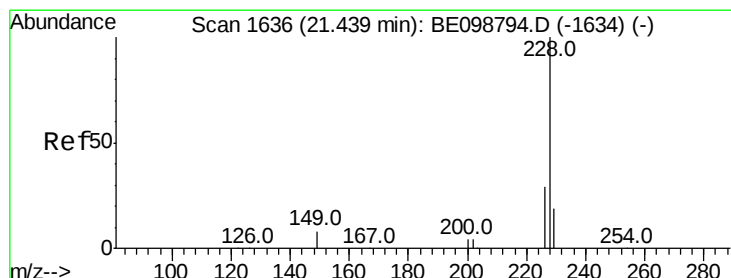
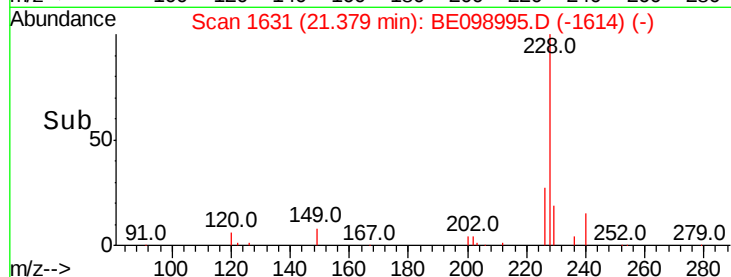
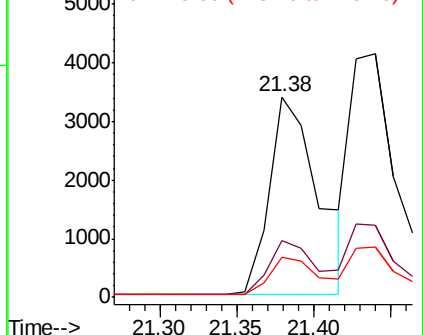
229 20.2 16.5 24.7



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



#31

Chrysene

Concen: 0.387 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

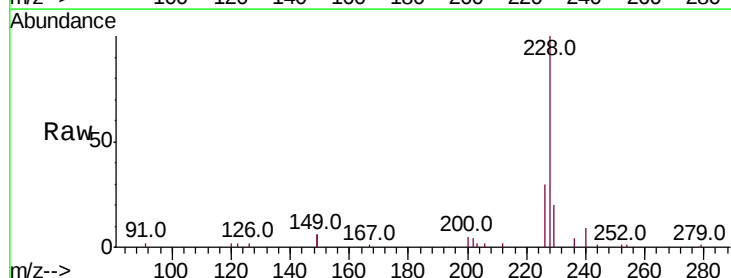
Tgt Ion:228 Resp: 8465

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

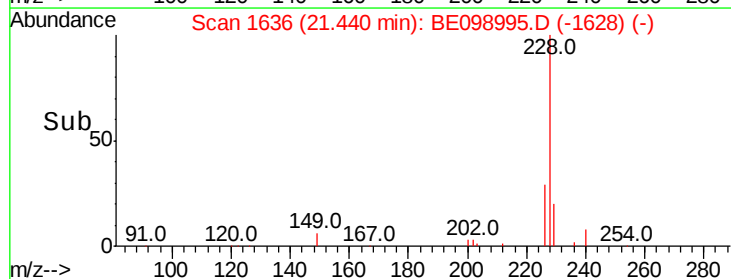
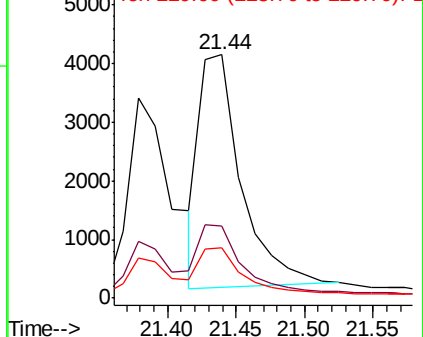
229 20.5 16.1 24.1

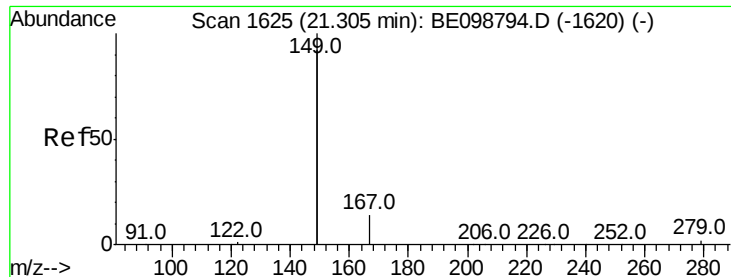


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.274 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

ClientSampleId :

PB117963BS

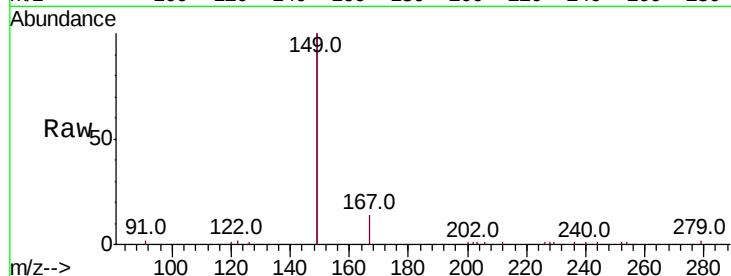
Tot Ion:149 Resp: 11928

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

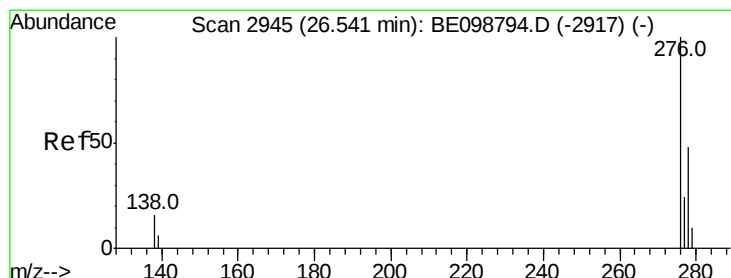
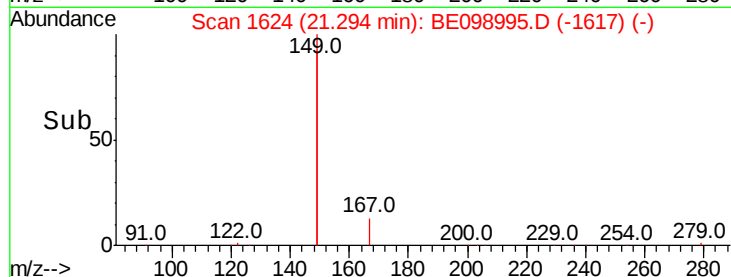
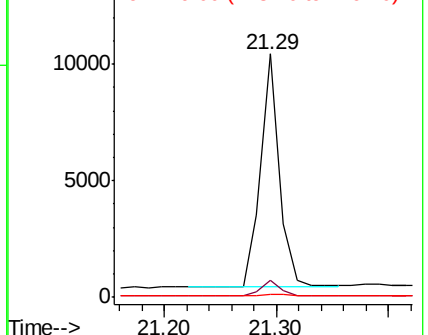
279 1.1 1.0 1.4



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: 0.309 ng

RT: 26.54 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

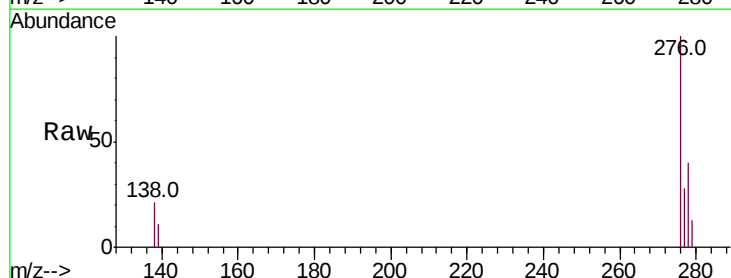
Tgt Ion:276 Resp: 7126

Ion Ratio Lower Upper

276 100

138 17.1 13.8 20.8

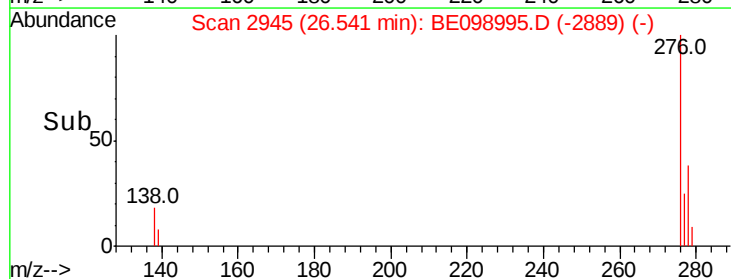
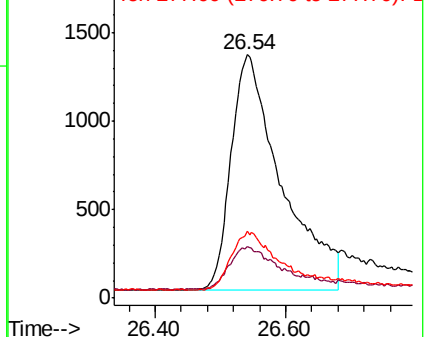
277 24.4 19.5 29.3

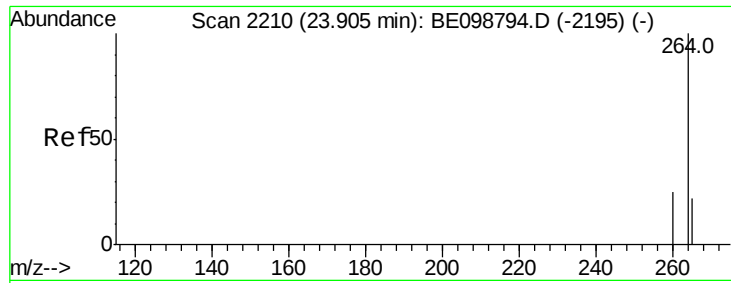


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



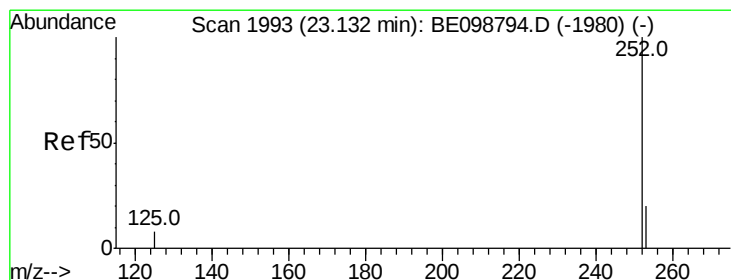
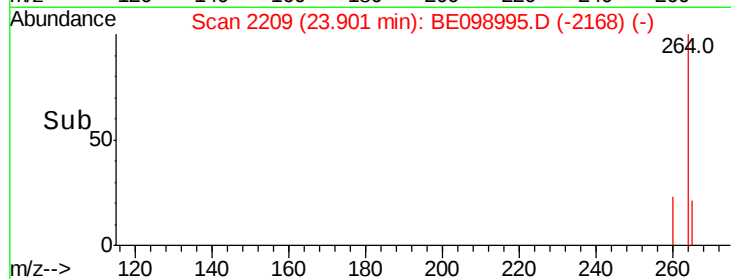
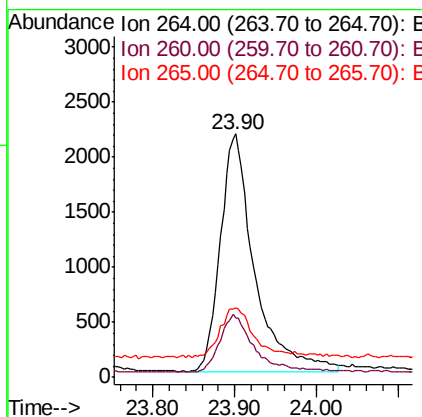
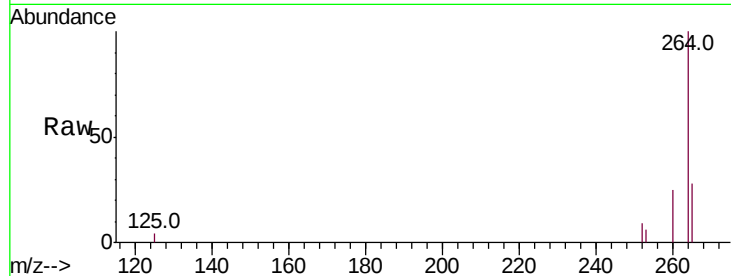


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

Tot Ion:264 Resp: 6222

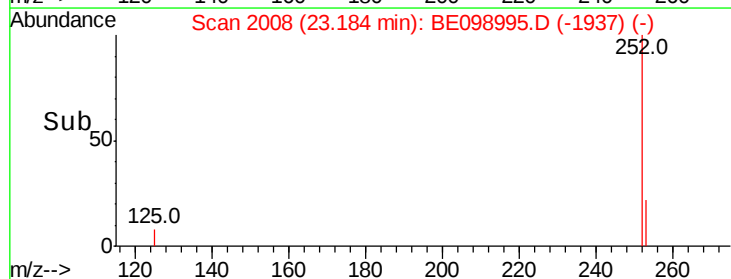
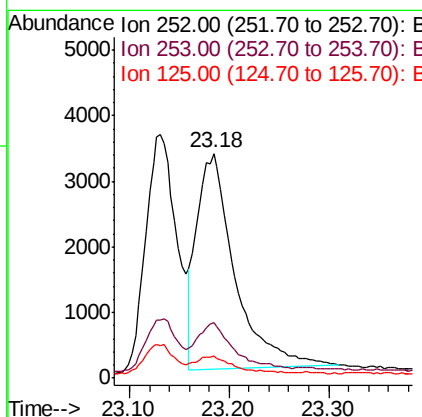
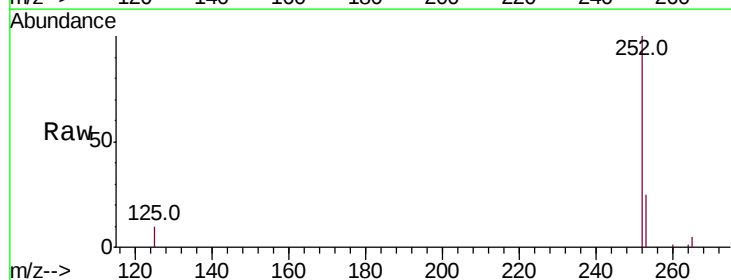
Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.2	31.8
265	28.4	24.6	36.8

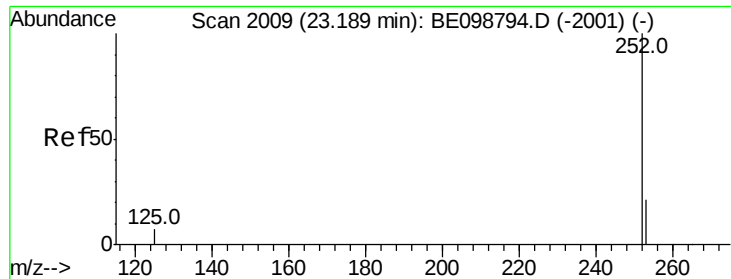


#35
Benzo(b)fluoranthene
Concen: 0.426 ng
RT: 23.18 min Scan# 2008
Delta R.T. 0.05 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion:252 Resp: 8713

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	9.7	7.3	10.9

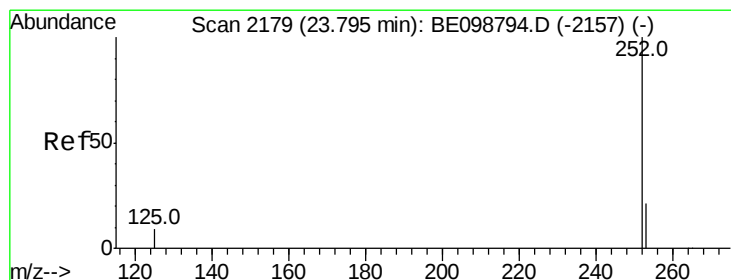
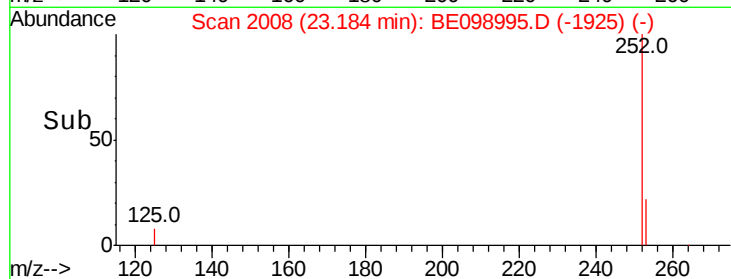
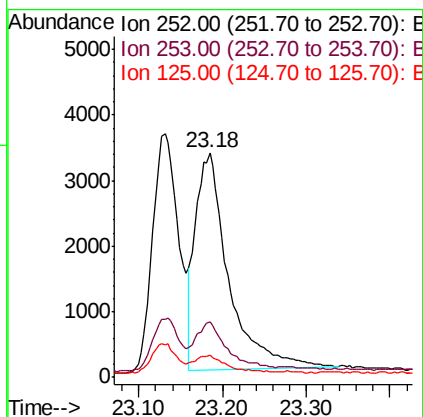
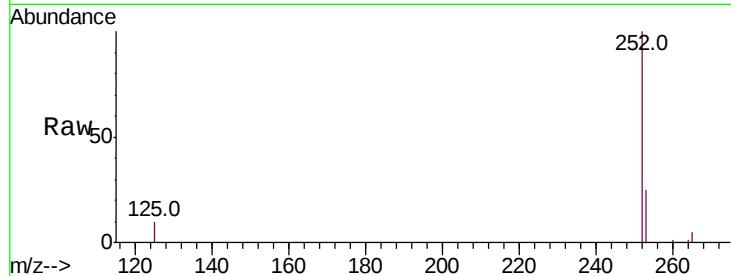




#36
Benzo(k)fluoranthene
Concen: 0.424 ng
RT: 23.18 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

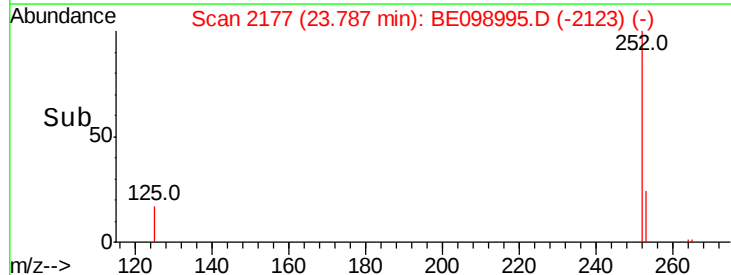
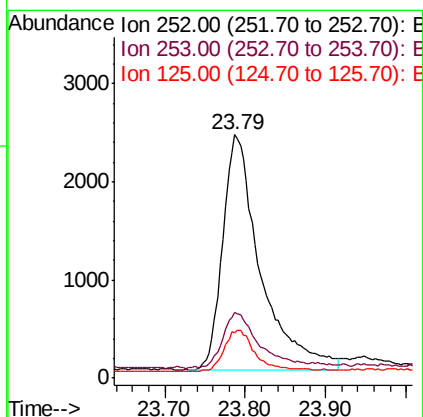
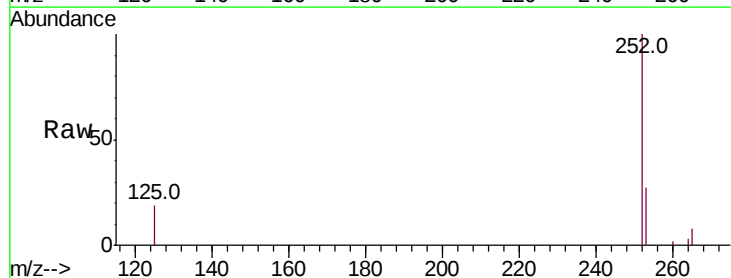
Instrument :
BNA_E
ClientSampleId :
PB117963BS

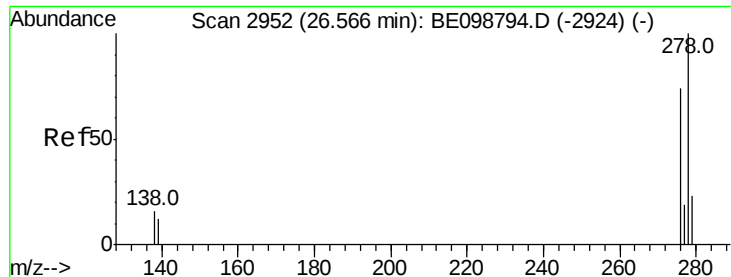
Tot Ion:252 Resp: 9086
Ion Ratio Lower Upper
252 100
253 24.5 19.3 28.9
125 9.7 7.5 11.3



#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion:252 Resp: 7795
Ion Ratio Lower Upper
252 100
253 27.1 19.9 29.9
125 18.8 9.0 13.4#





#38

Dibenzo(a,h)anthracene

Concen: 0.289 ng

RT: 26.57 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

ClientSampleId :

PB117963BS

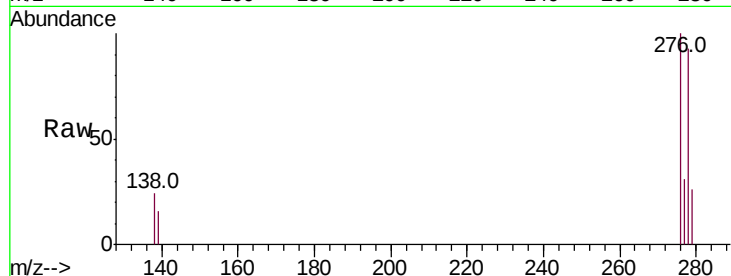
Tot Ion:278 Resp: 5370

Ion Ratio Lower Upper

278 100

139 16.8 11.8 17.6

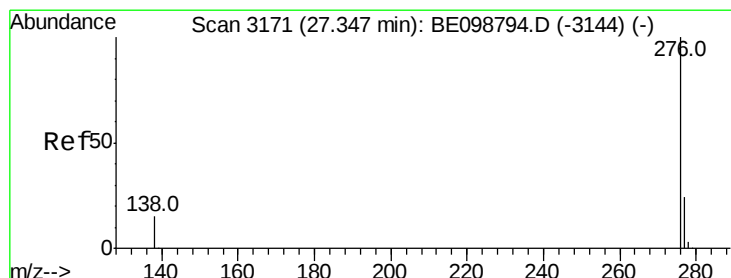
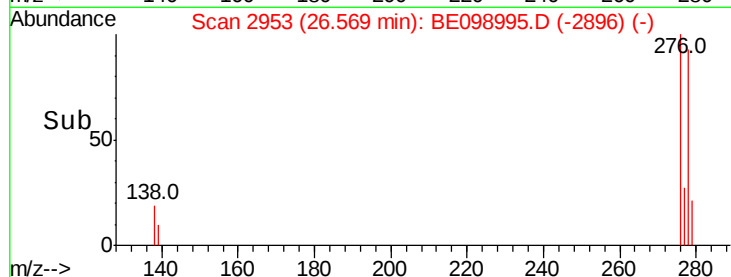
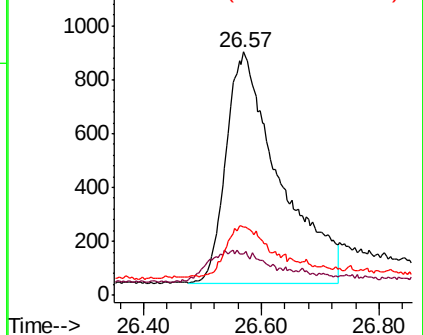
279 28.2 21.1 31.7



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(g,h,i)perylene

Concen: 0.351 ng

RT: 27.34 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

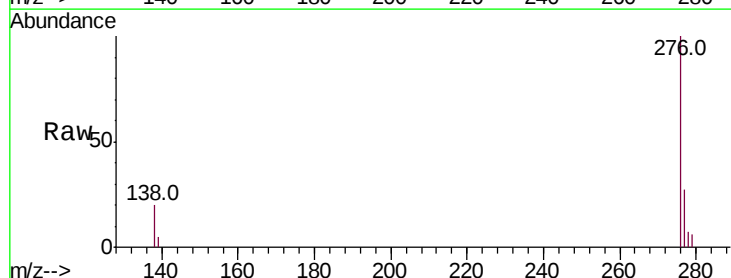
Tgt Ion:276 Resp: 6809

Ion Ratio Lower Upper

276 100

277 26.7 20.4 30.6

138 20.3 13.6 20.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

