

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098352.D
 Acq On : 12 Dec 2018 3:33
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:37:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1797	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	7577	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	4776	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	12793	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	15995	0.40	ng	0.00
34) Perylene-d12	24.01	264	15277	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	1678	0.40	ng	0.00
5) Phenol-d6	7.05	99	2244	0.38	ng	0.00
8) Nitrobenzene-d5	9.02	82	2860	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4713	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	729	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7534	0.37	ng	0.00
25) Fluoranthene-d10	19.30	212	65024	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	12766	0.33	ng	0.00

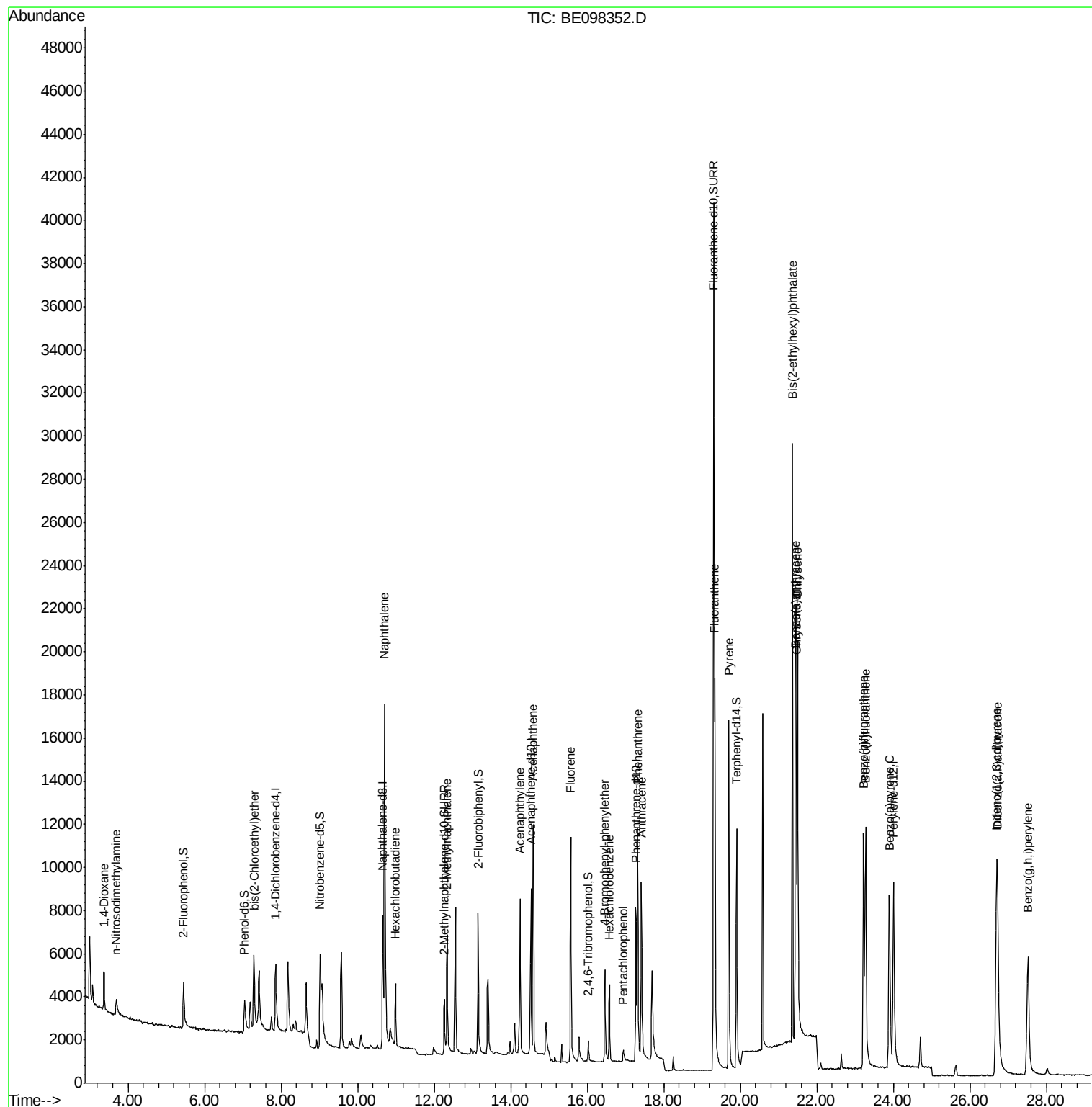
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1280	0.412	ng	94
3) n-Nitrosodimethylamine	3.69	42	837	0.299	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	2121	0.375	ng	91
9) Naphthalene	10.71	128	30415	0.399	ng	100
10) Hexachlorobutadiene	10.99	225	1928	0.397	ng	98
12) 2-Methylnaphthalene	12.34	142	4635	0.374	ng	98
16) Acenaphthylene	14.24	152	8777	0.392	ng	99
17) Acenaphthene	14.59	154	5216	0.388	ng	99
18) Fluorene	15.57	166	7100	0.395	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2540	0.369	ng	# 88
21) Hexachlorobenzene	16.58	284	2862	0.387	ng	96
22) Pentachlorophenol	16.94	266	446	0.378	ng	96
23) Phenanthrene	17.32	178	12148	0.391	ng	99
24) Anthracene	17.41	178	9937	0.359	ng	99
26) Fluoranthene	19.34	202	16480	0.401	ng	99
28) Pyrene	19.70	202	16903	0.337	ng	99
30) Benzo(a)anthracene	21.44	228	16796	0.369	ng	99
31) Chrysene	21.50	228	18075	0.379	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	31635	0.342	ng	100
33) Indeno(1,2,3-cd)pyrene	26.69	276	18652	0.393	ng	# 88
35) Benzo(b)fluoranthene	23.22	252	16083	0.385	ng	97
36) Benzo(k)fluoranthene	23.27	252	19942	0.410	ng	97
37) Benzo(a)pyrene	23.89	252	16686	0.387	ng	97
38) Dibenzo(a,h)anthracene	26.73	278	15604	0.384	ng	96
39) Benzo(g,h,i)perylene	27.52	276	15492	0.379	ng	96

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 12 17:37:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



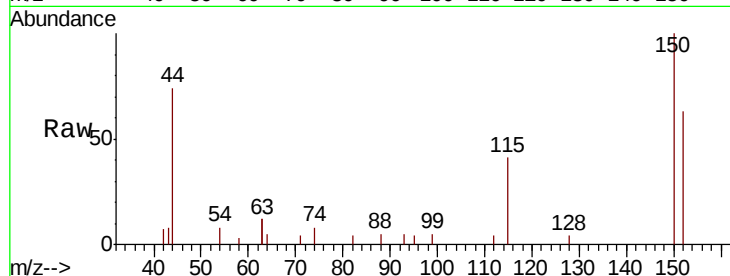


#1

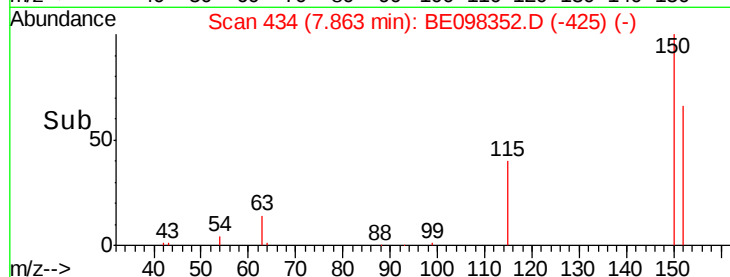
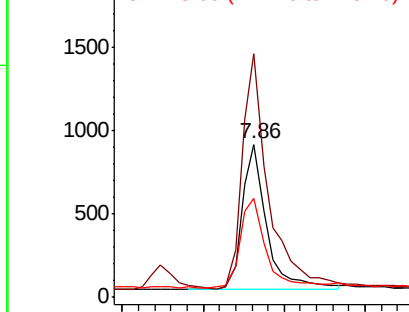
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1797
Ion Ratio Lower Upper
152 100
150 159.0 124.2 186.4
115 65.0 53.9 80.9



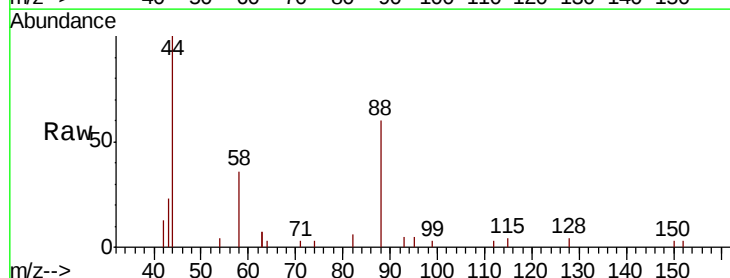
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



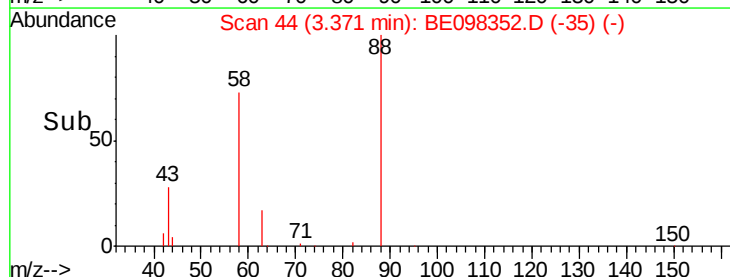
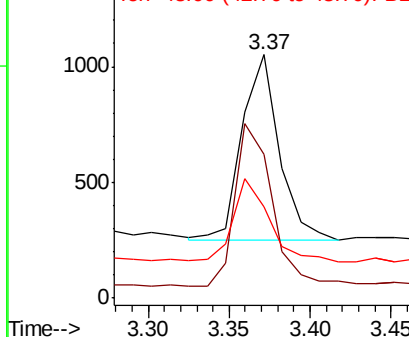
#2

1,4-Dioxane
Concen: 0.412 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

Tgt Ion: 88 Resp: 1280
Ion Ratio Lower Upper
88 100
58 87.7 75.0 112.6
43 44.3 38.3 57.5



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



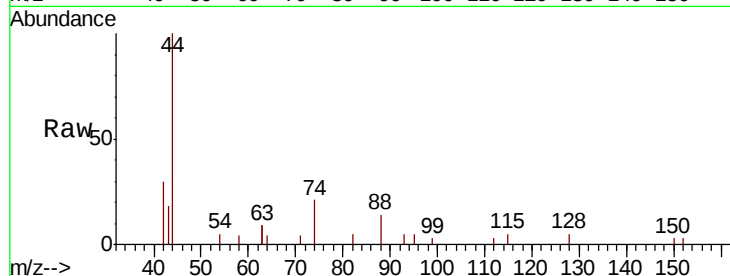


#3

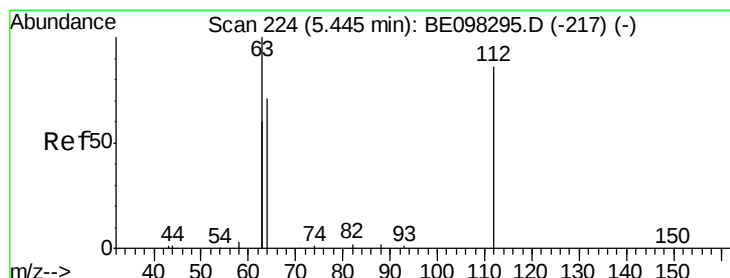
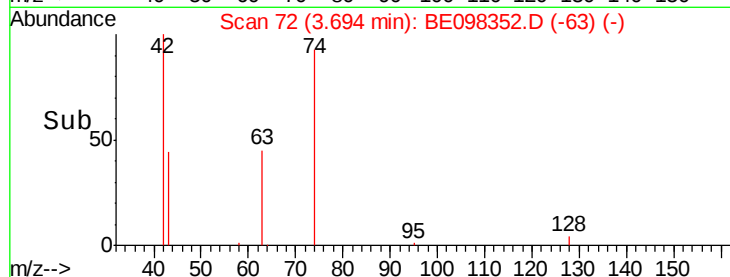
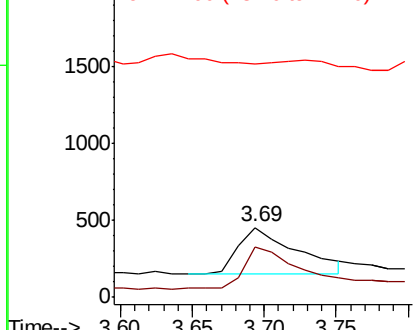
n-Nitrosodimethylamine
Concen: 0.299 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	84.1	0.0	0.0#
44	0.0	0.0	0.0



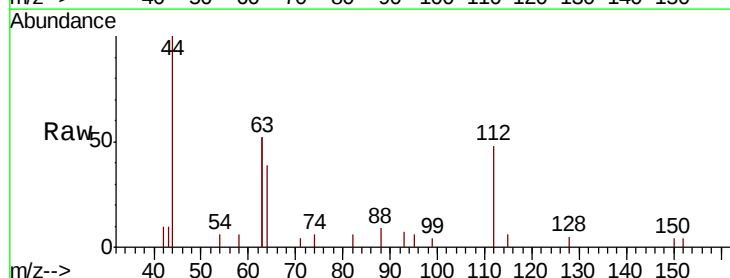
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



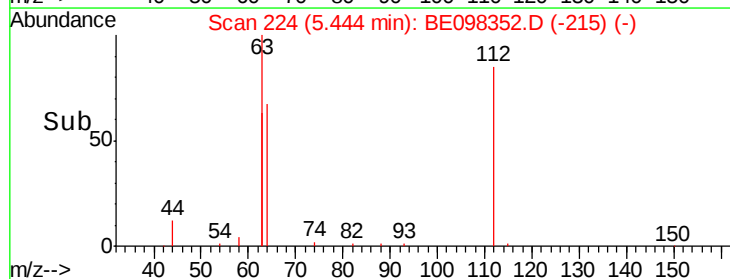
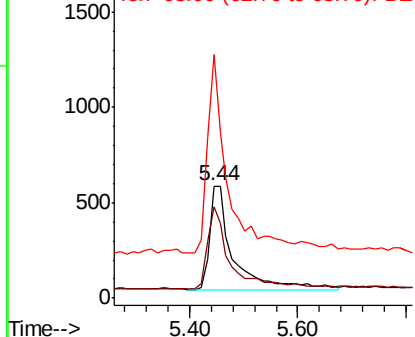
#4

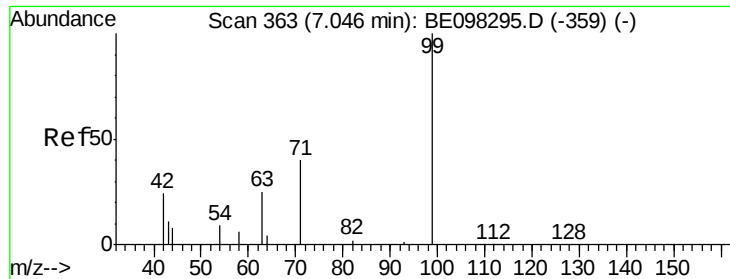
2-Fluorophenol
Concen: 0.399 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	59.8	89.8
63	162.8	133.7	200.5



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: 0.377 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

Instrument :

BNA_E

ClientSampleId :

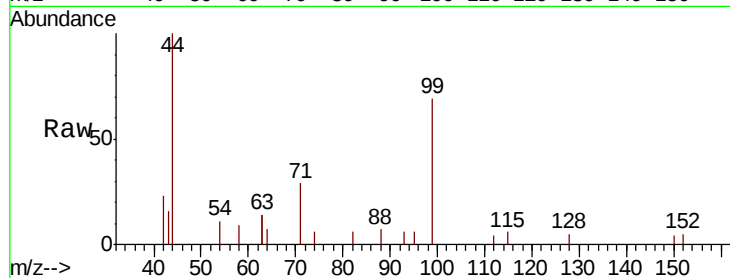
Tot Ion: 99 Resp: 2244

Ion Ratio Lower Upper

99 100

42 30.8 26.3 39.5

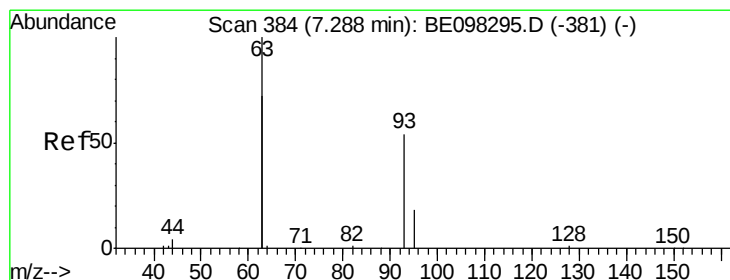
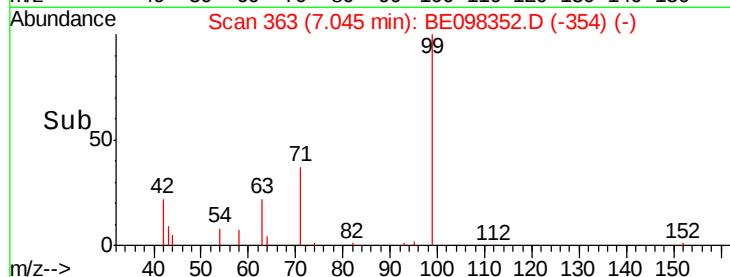
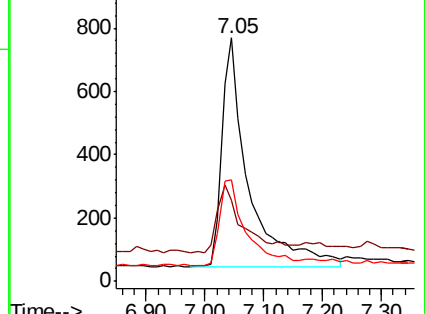
71 38.2 33.6 50.4



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: 0.375 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

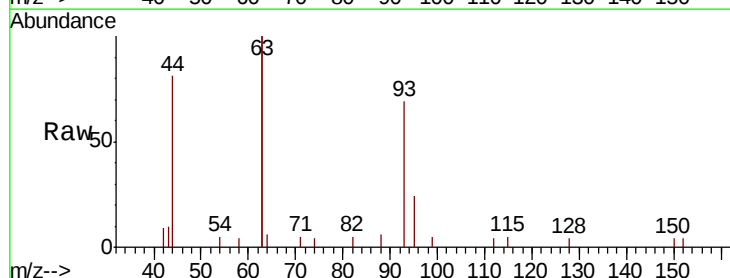
Tgt Ion: 93 Resp: 2121

Ion Ratio Lower Upper

93 100

63 309.9 264.4 396.6

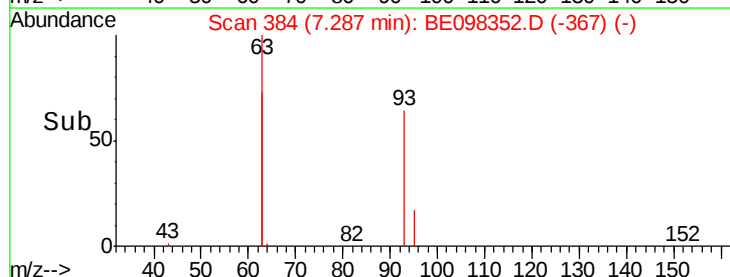
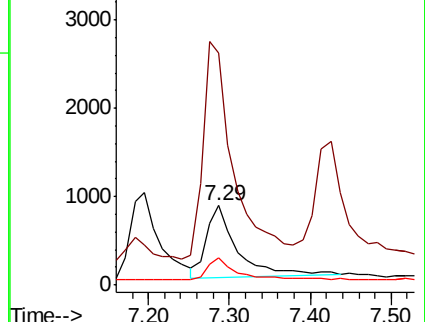
95 31.8 26.6 40.0



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 7577

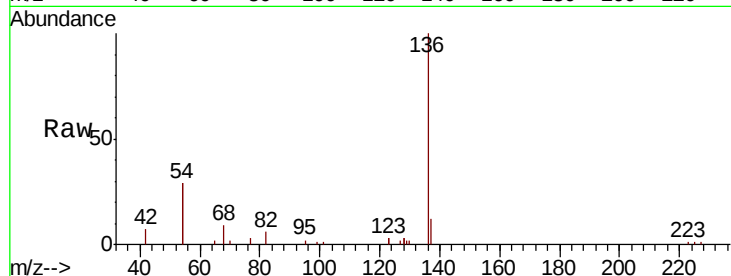
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 58.6 28.4 42.6#

68 9.1 5.4 8.0#

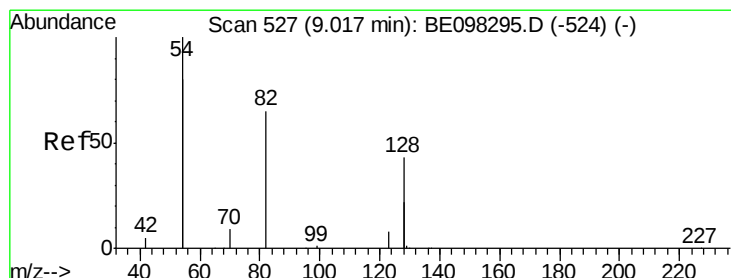
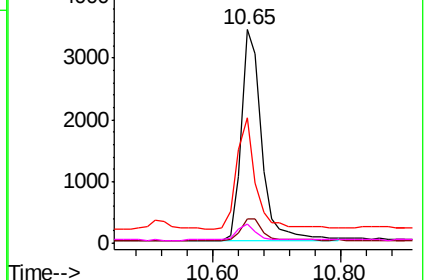
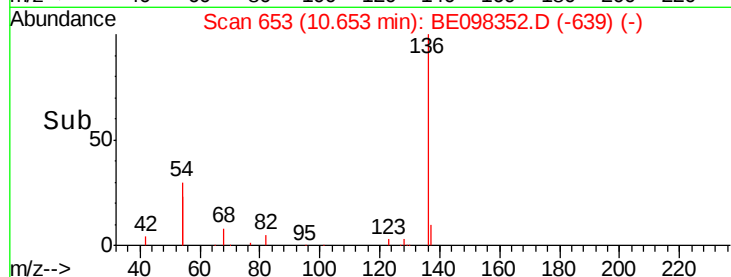


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.415 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

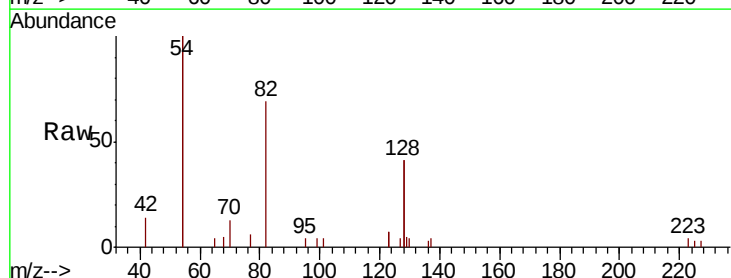
Tgt Ion: 82 Resp: 2860

Ion Ratio Lower Upper

82 100

128 120.6 102.4 153.6

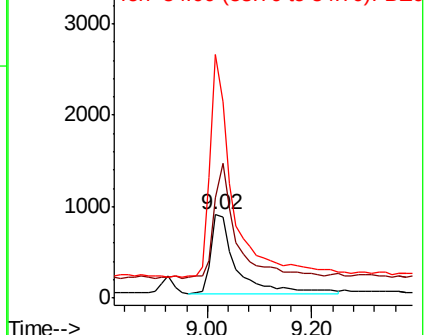
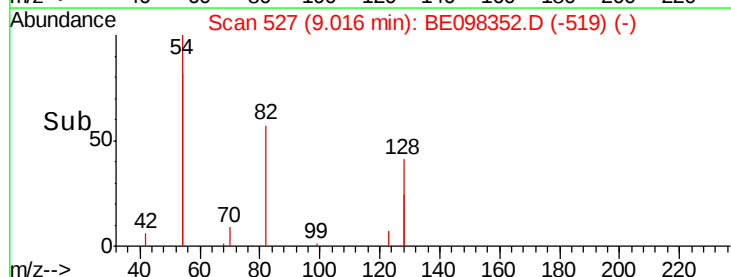
54 291.9 221.8 332.8



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: 0.399 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

Instrument :

BNA_E

ClientSampleId :

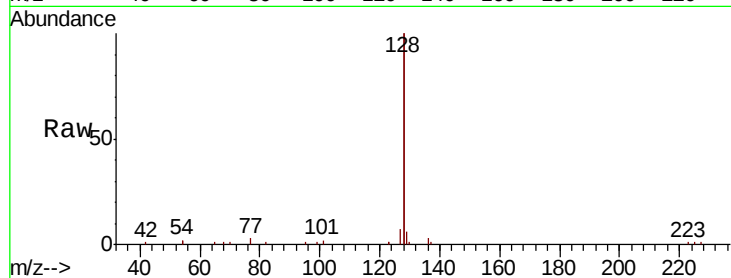
Tot Ion:128 Resp: 30415

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

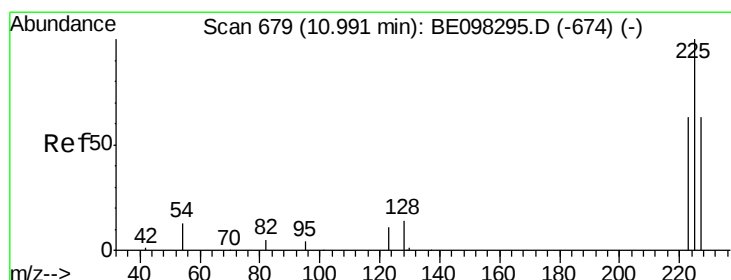
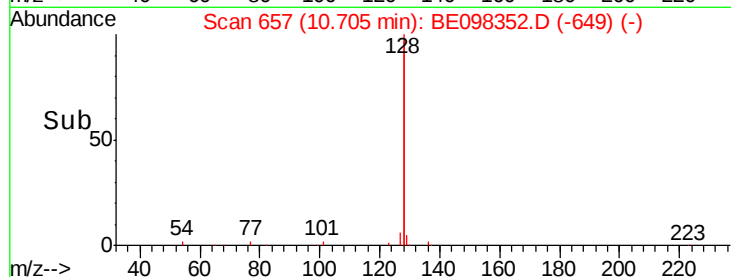
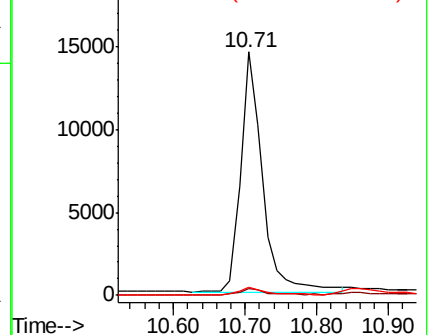
127 3.5 2.7 4.1



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: 0.397 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

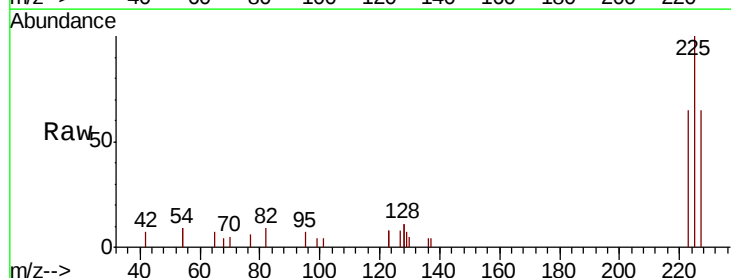
Tgt Ion:225 Resp: 1928

Ion Ratio Lower Upper

225 100

223 64.9 49.4 74.0

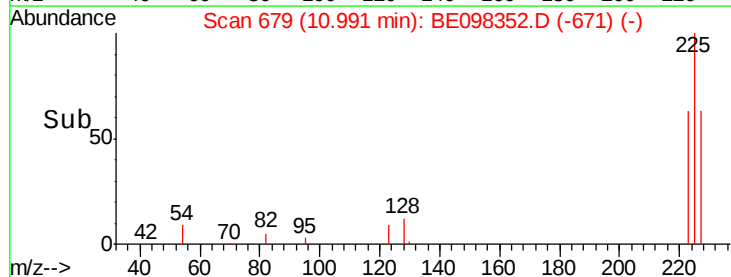
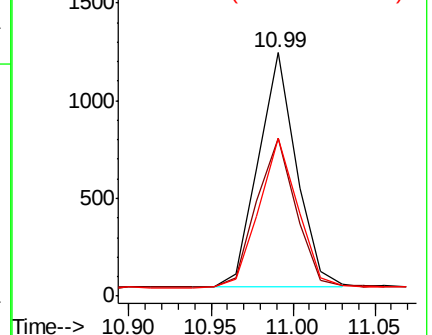
227 64.8 52.0 78.0



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: 0.383 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

Instrument :

BNA_E

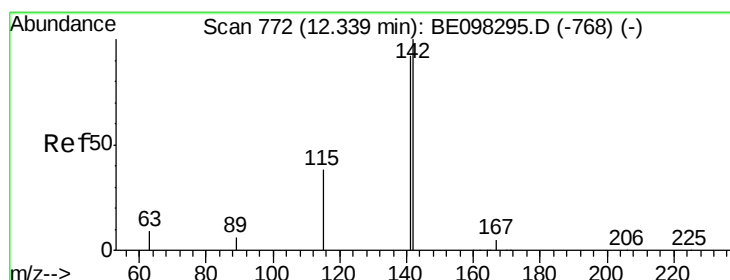
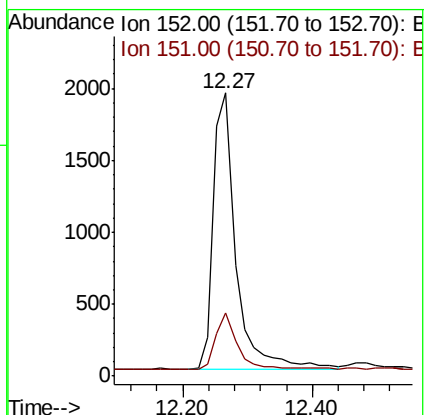
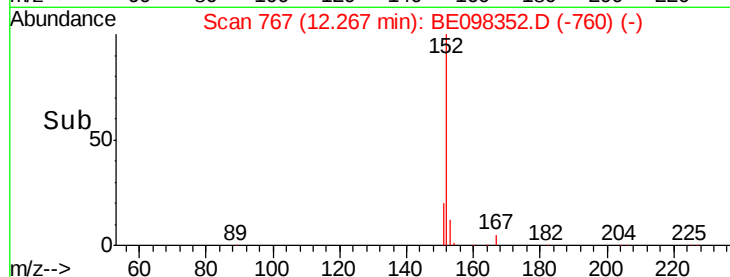
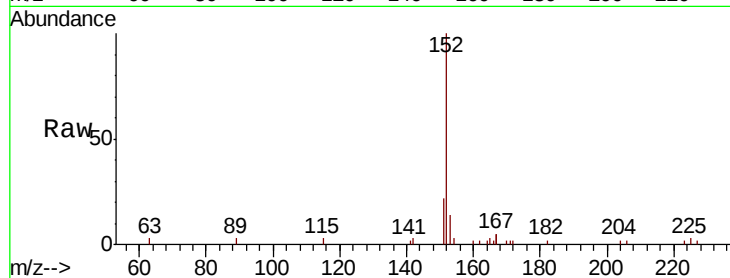
ClientSampleId :

Tot Ion:152 Resp: 4713

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.374 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

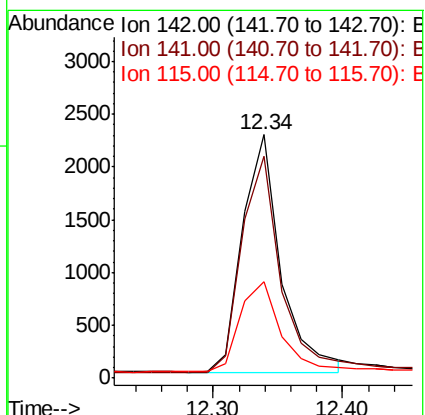
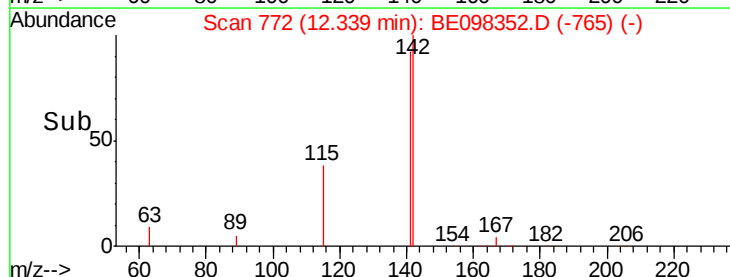
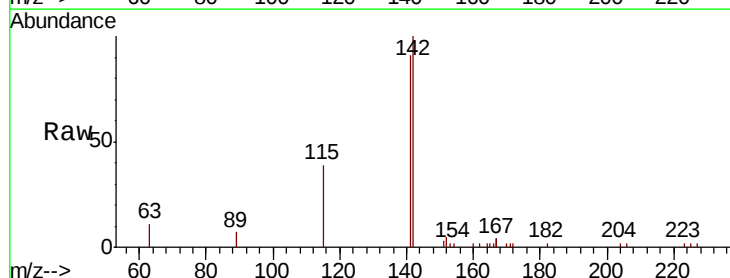
Tgt Ion:142 Resp: 4635

Ion Ratio Lower Upper

142 100

141 91.3 71.0 106.6

115 39.4 32.2 48.2

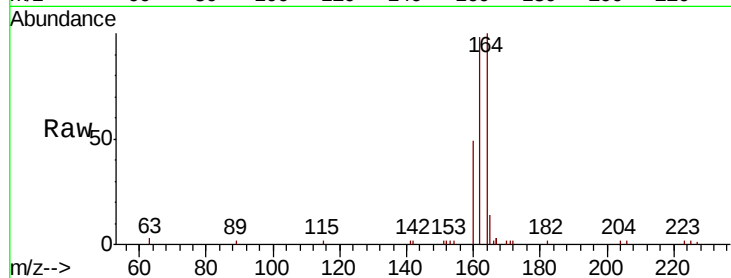




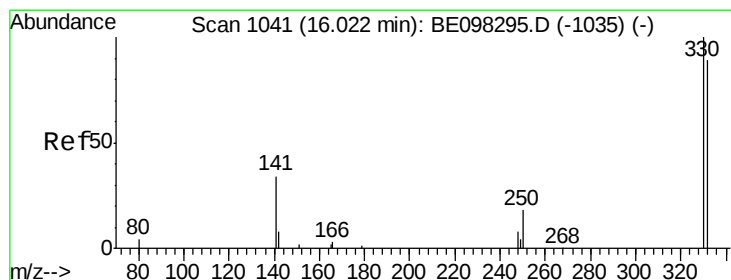
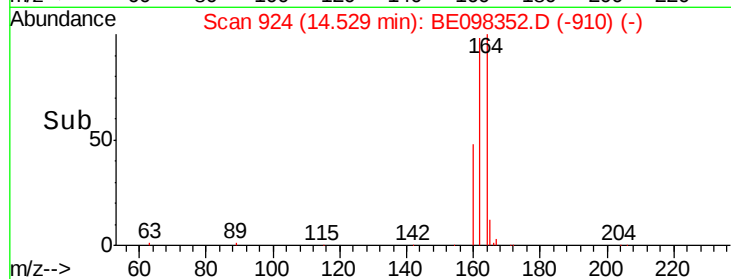
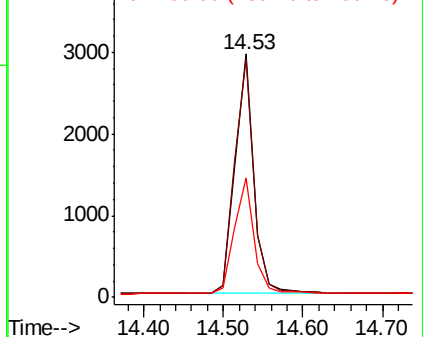
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098352.D
 Acq: 12 Dec 2018 3:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 4776
 Ion Ratio Lower Upper
 164 100
 162 97.9 77.6 116.4
 160 49.0 36.0 54.0

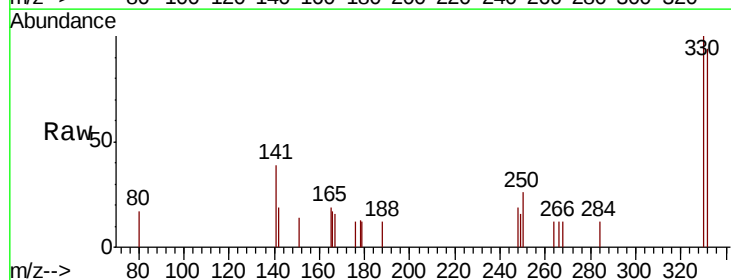


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

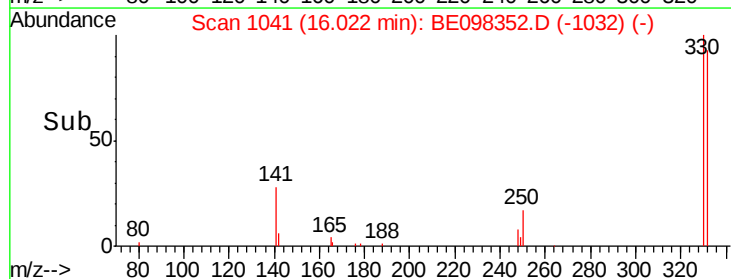
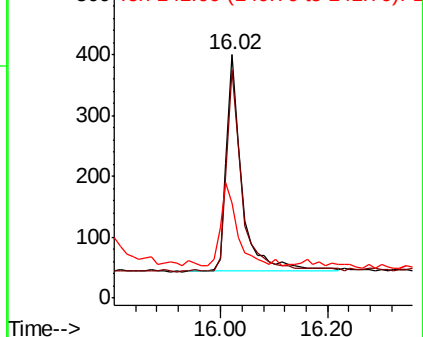


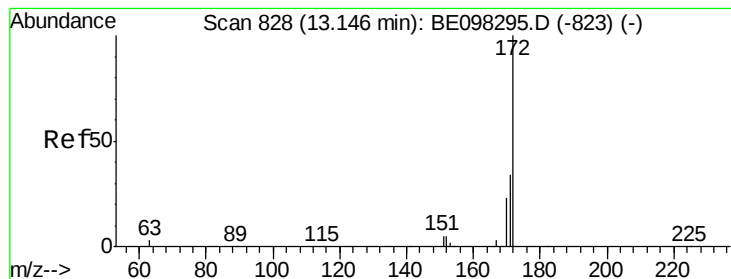
#14
 2,4,6-Tribromophenol
 Concen: 0.416 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098352.D
 Acq: 12 Dec 2018 3:33

Tgt Ion:330 Resp: 729
 Ion Ratio Lower Upper
 330 100
 332 91.2 76.2 114.4
 141 40.2 39.0 58.4



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

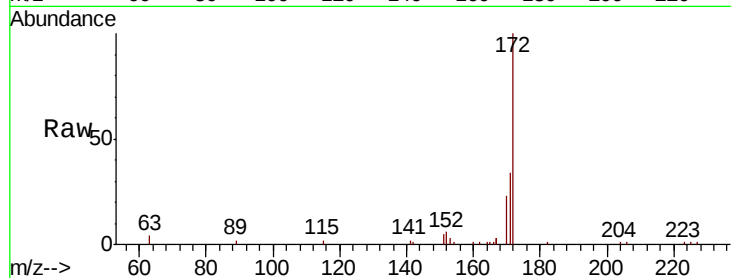




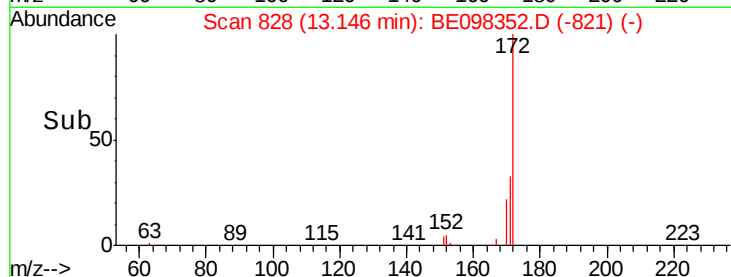
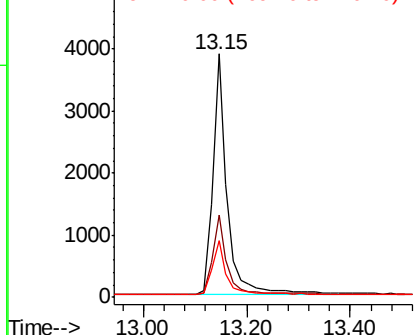
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 7534
Ion Ratio Lower Upper
172 100
171 33.9 27.5 41.3
170 23.0 19.6 29.4

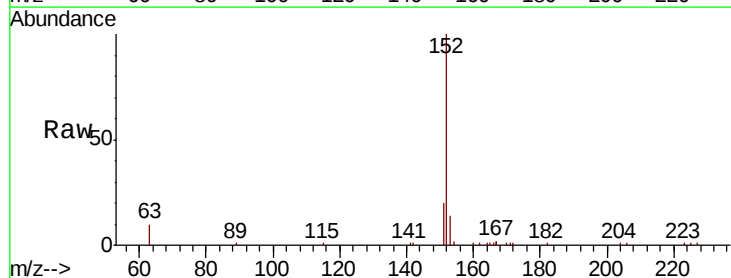


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

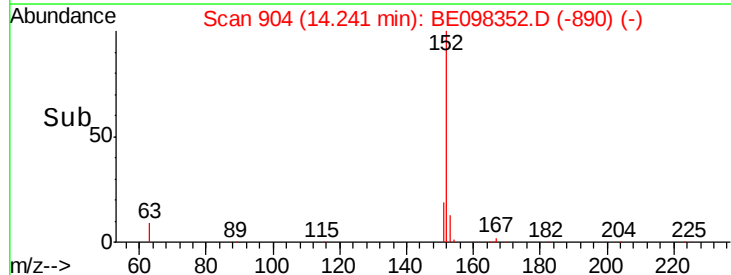
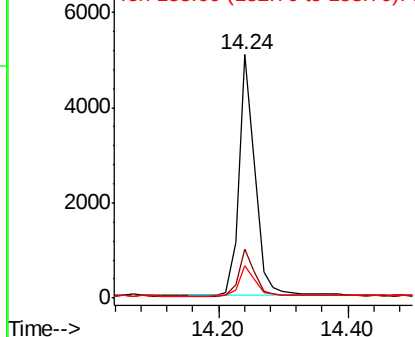


#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

Tgt Ion:152 Resp: 8777
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 12.8 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

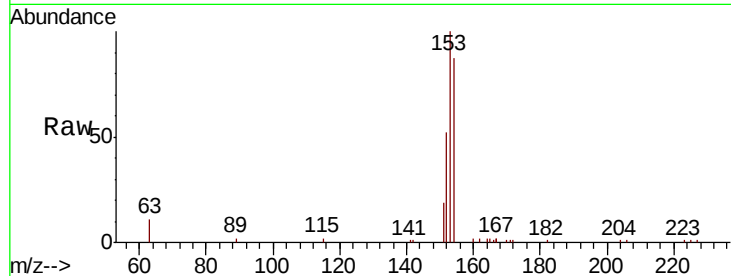




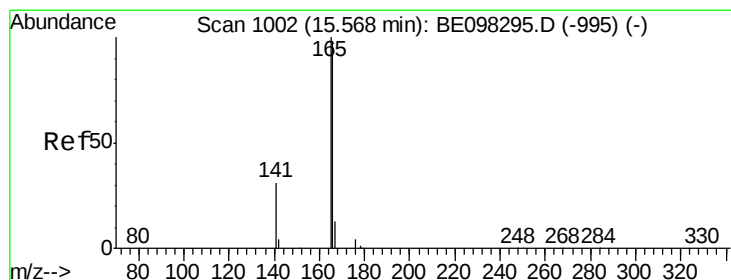
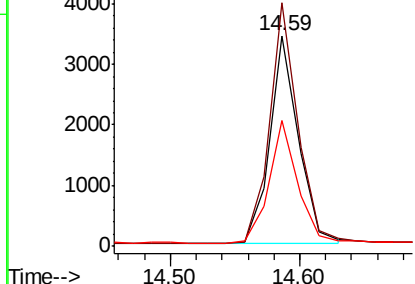
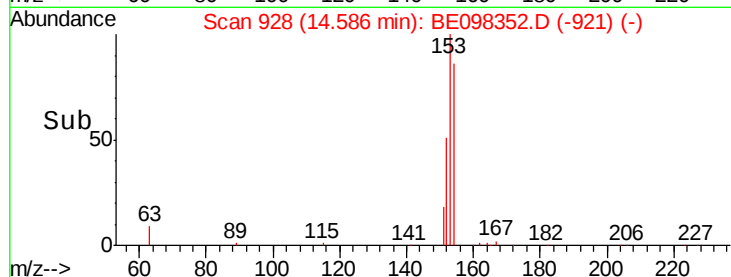
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 5216
Ion Ratio Lower Upper
154 100
153 115.3 91.8 137.6
152 59.3 45.5 68.3

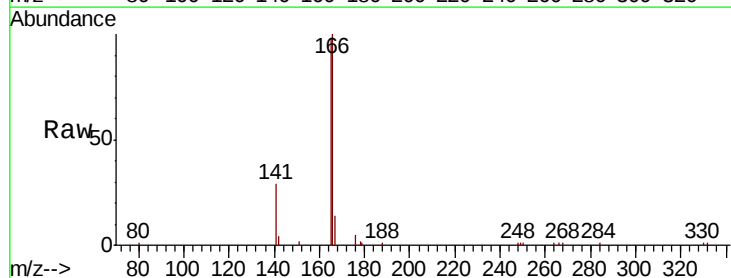


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

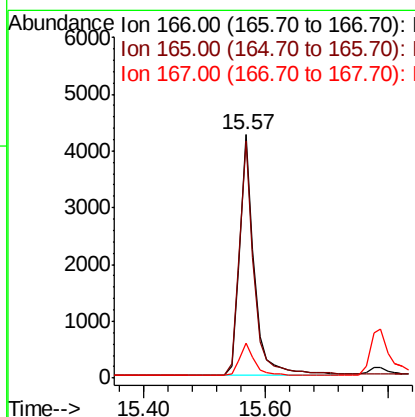
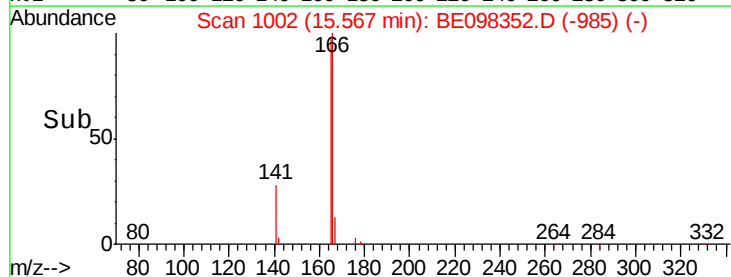


#18
Fluorene
Concen: 0.395 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

Tgt Ion:166 Resp: 7100
Ion Ratio Lower Upper
166 100
165 97.7 79.3 118.9
167 13.5 11.3 16.9



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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

Instrument :

BNA_E

ClientSampleId :

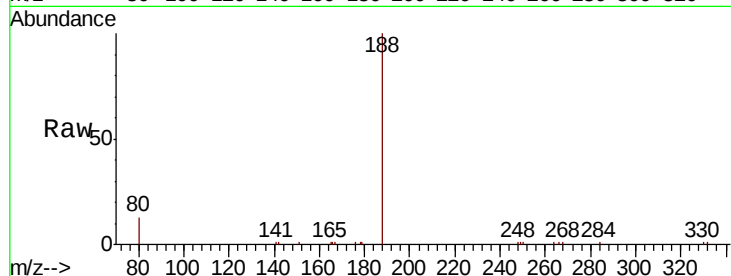
Tot Ion:188 Resp: 12793

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

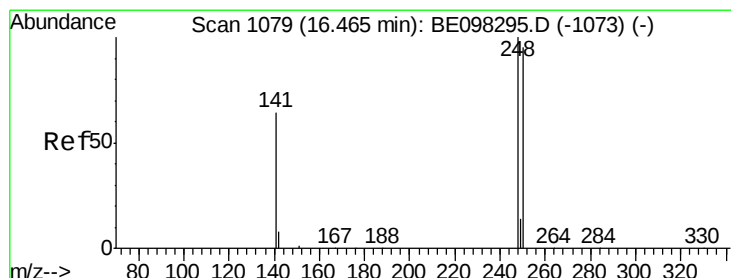
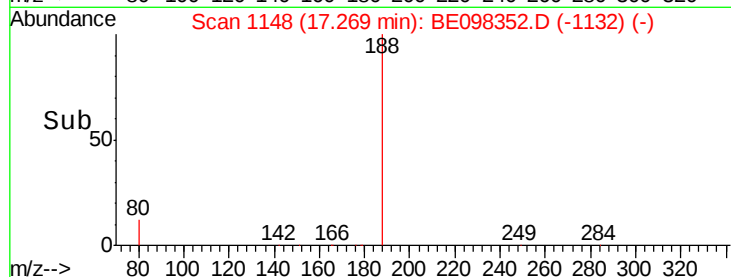
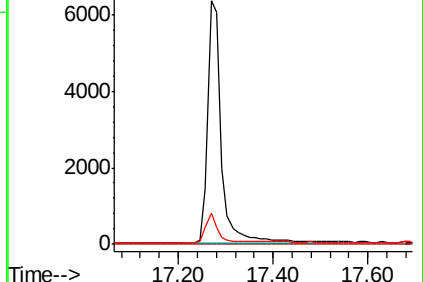
80 13.0 7.2 10.8#



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: 0.369 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

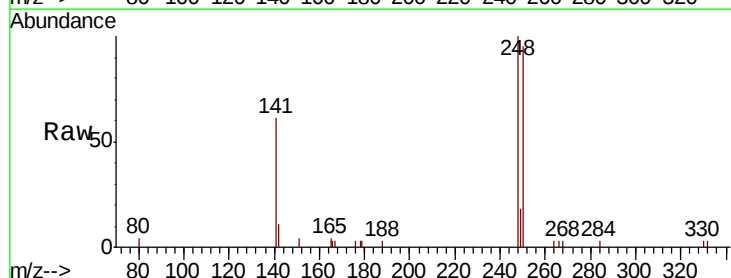
Tgt Ion:248 Resp: 2540

Ion Ratio Lower Upper

248 100

250 95.5 71.0 106.6

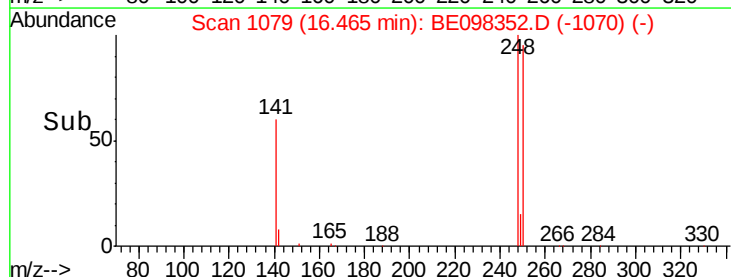
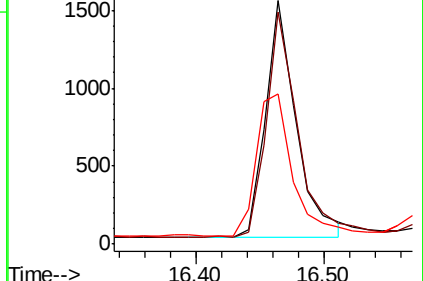
141 61.5 62.1 93.1#



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: 0.387 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

Instrument :

BNA_E

ClientSampleId :

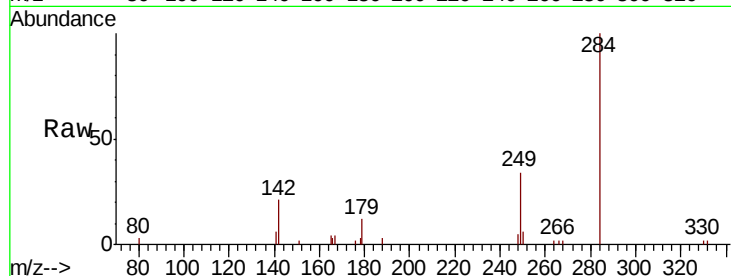
Tot Ion:284 Resp: 2862

Ion Ratio Lower Upper

284 100

142 35.7 26.3 39.5

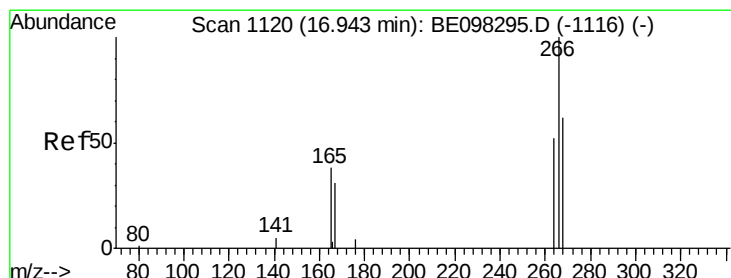
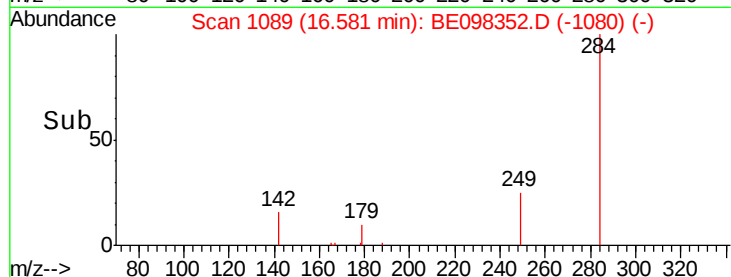
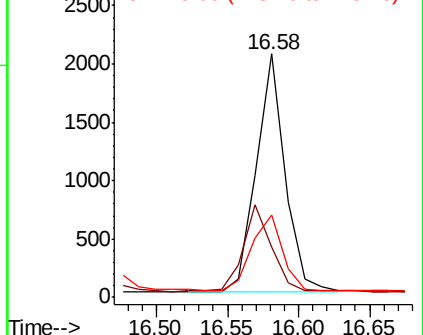
249 34.3 26.0 39.0



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: 0.378 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

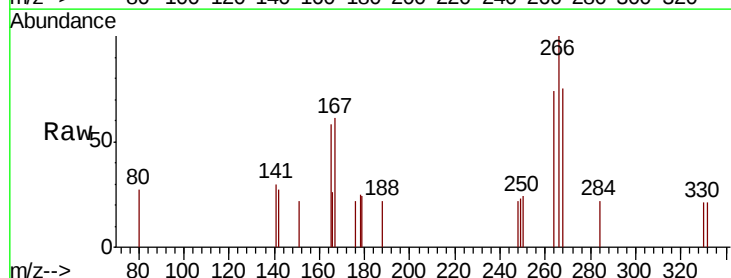
Tgt Ion:266 Resp: 446

Ion Ratio Lower Upper

266 100

264 73.8 59.0 88.4

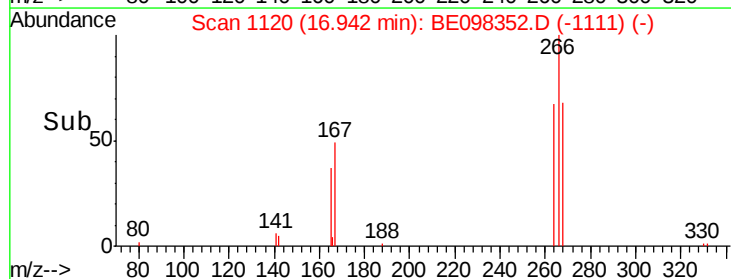
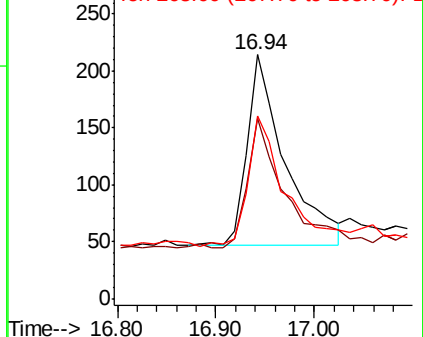
268 75.2 55.1 82.7



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: 0.391 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

Instrument :

BNA_E

ClientSampleId :

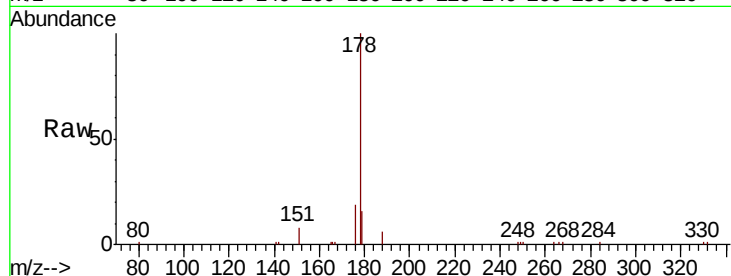
Tot Ion:178 Resp: 12148

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

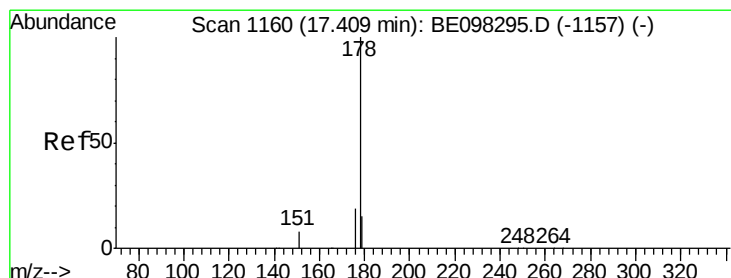
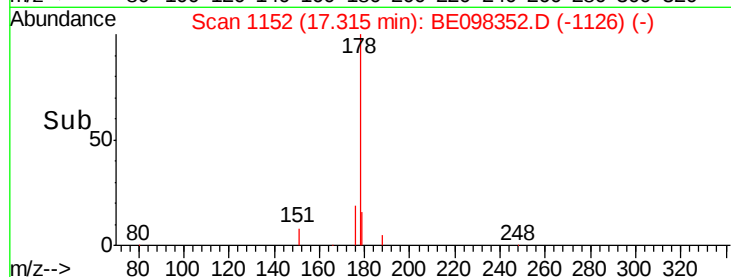
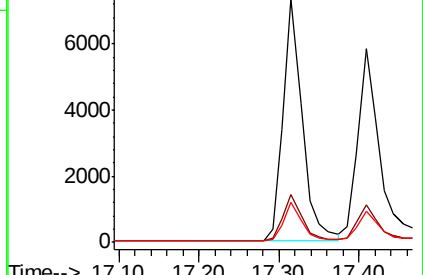
179 15.0 12.3 18.5



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: 0.359 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

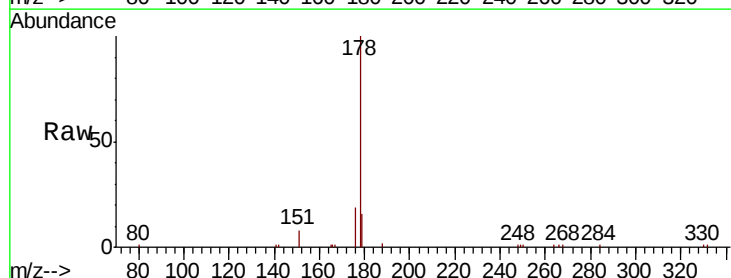
Tgt Ion:178 Resp: 9937

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

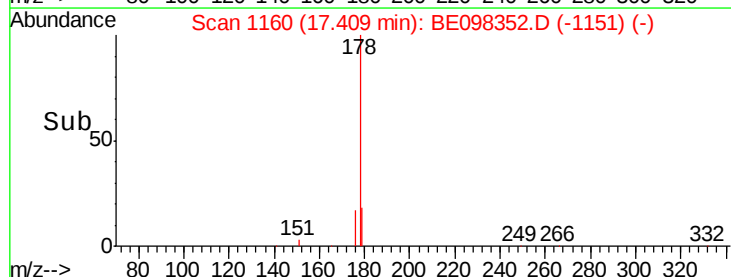
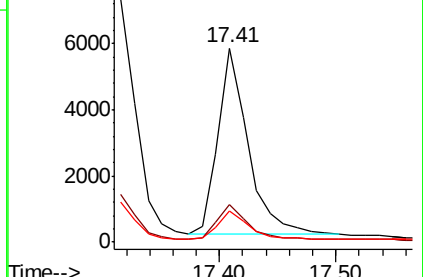
179 16.1 12.3 18.5



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

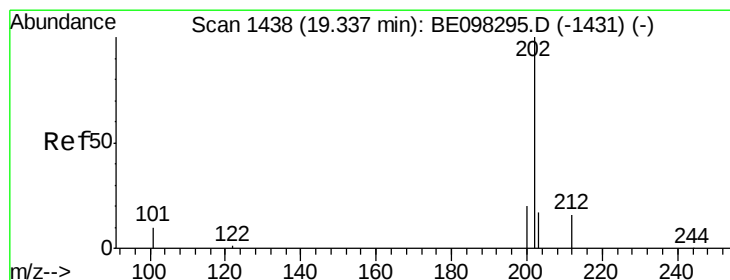
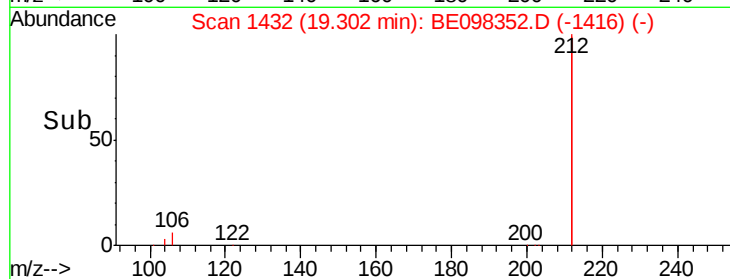
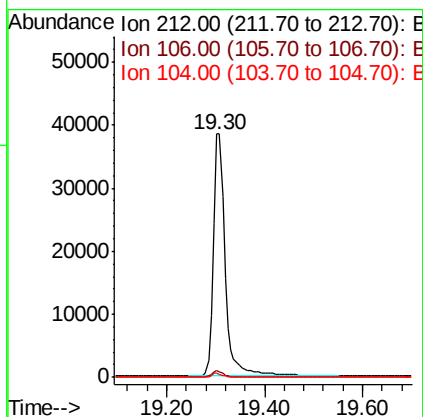
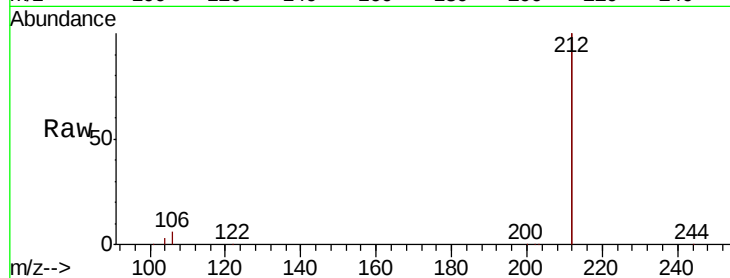




#25
 Fluoranthene-d10
 Concen: 0.396 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098352.D
 Acq: 12 Dec 2018 3:33

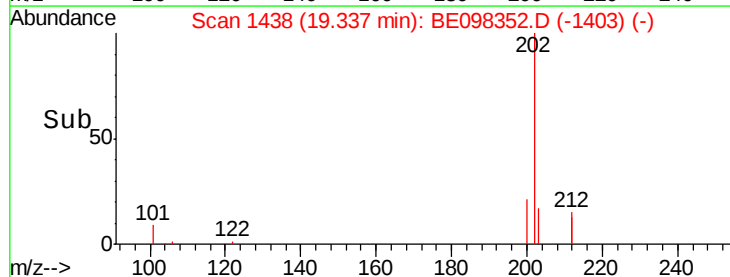
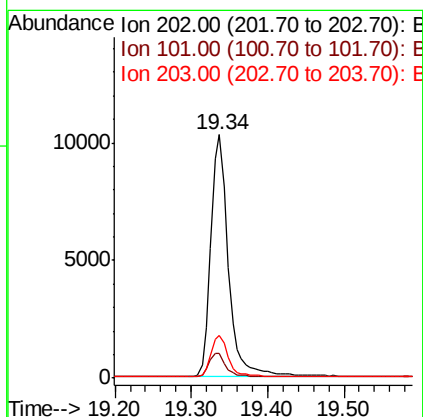
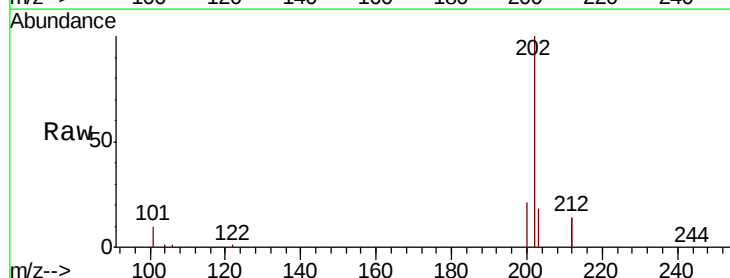
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 65024
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.3 1.9



#26
 Fluoranthene
 Concen: 0.401 ng
 RT: 19.34 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BE098352.D
 Acq: 12 Dec 2018 3:33

Tgt Ion:202 Resp: 16480
 Ion Ratio Lower Upper
 202 100
 101 9.7 8.0 12.0
 203 16.9 13.8 20.6

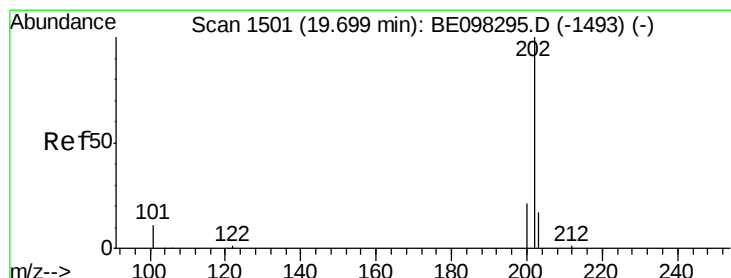
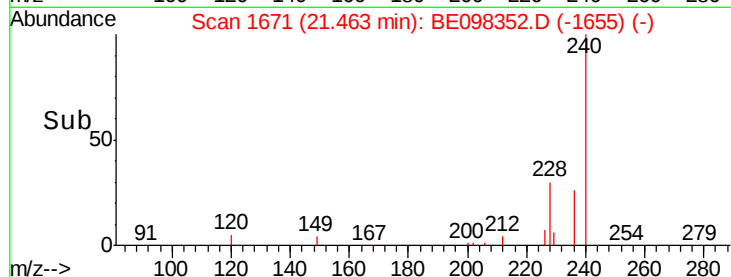
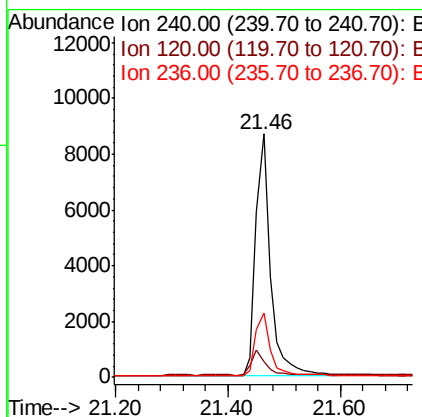
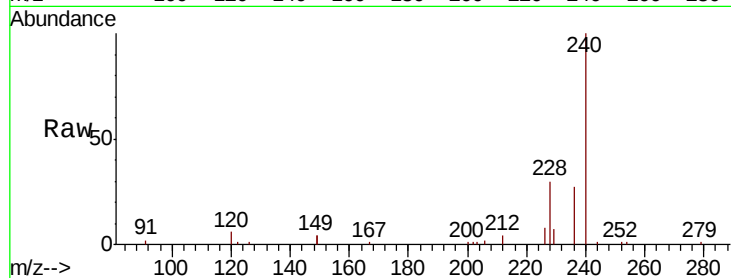




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

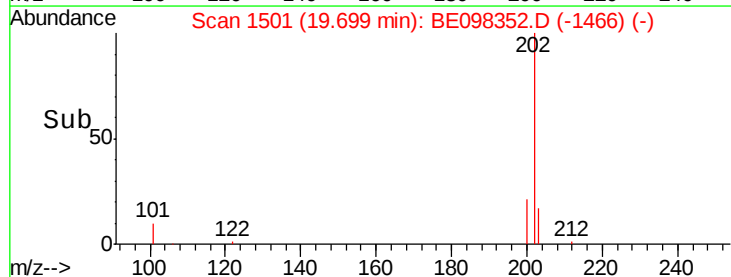
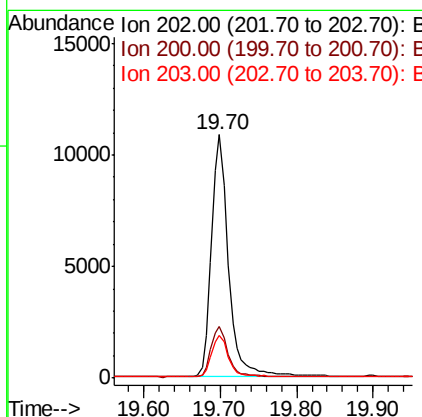
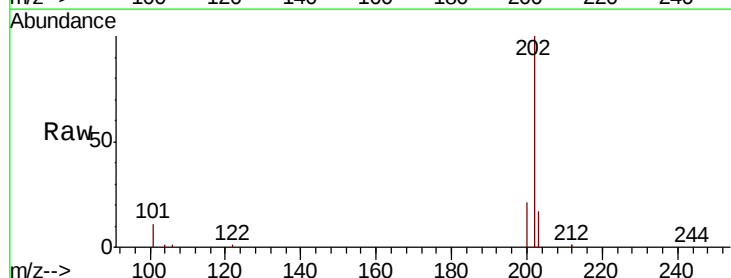
Instrument :
BNA_E
ClientSampleId :

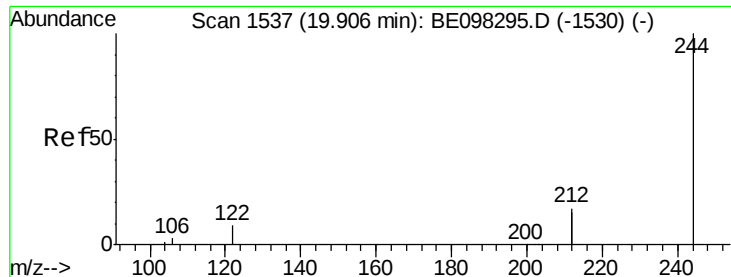
Tot Ion:240 Resp: 15995
Ion Ratio Lower Upper
240 100
120 6.3 9.5 14.3#
236 26.7 22.7 34.1



#28
Pyrene
Concen: 0.337 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

Tgt Ion:202 Resp: 16903
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.0 14.1 21.1





#29

Terphenyl-d14

Concen: 0.328 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

Instrument :

BNA_E

ClientSampleId :

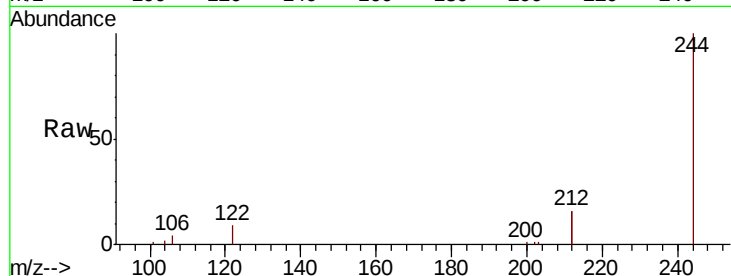
Tot Ion:244 Resp: 12766

Ion Ratio Lower Upper

244 100

212 32.9 27.4 41.0

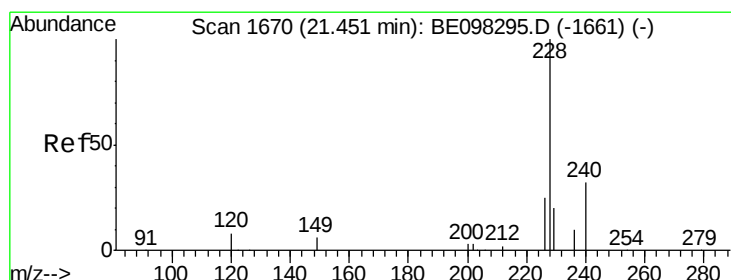
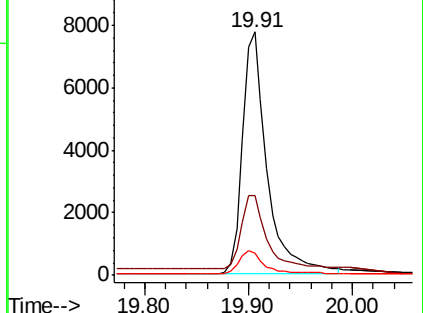
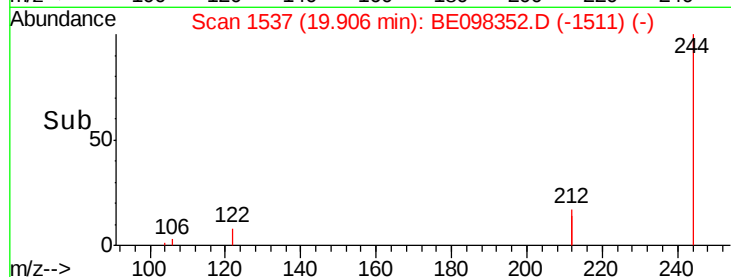
122 9.0 8.3 12.5



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: 0.369 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

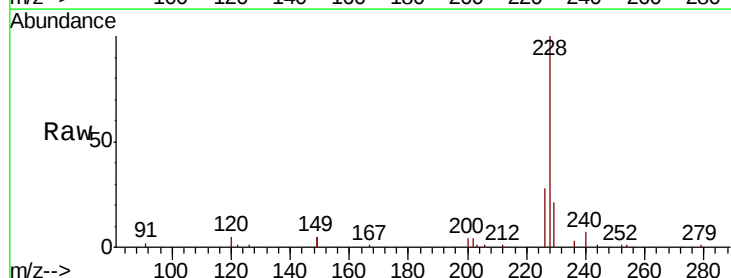
Tgt Ion:228 Resp: 16796

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.8

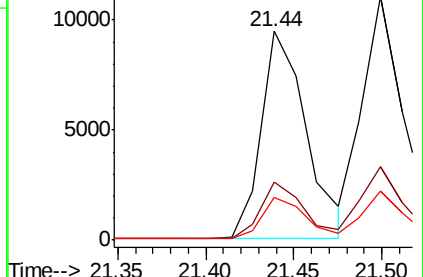
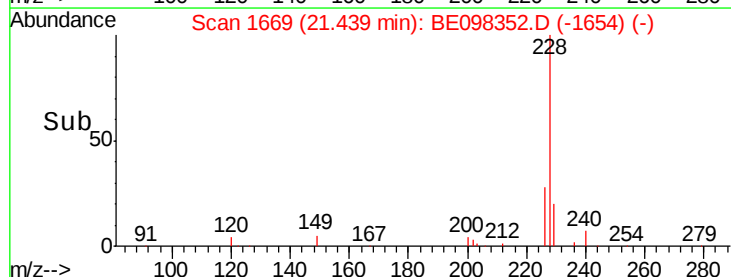
229 20.6 16.3 24.5



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





#31

Chrysene

Concen: 0.379 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

Instrument :

BNA_E

ClientSampleId :

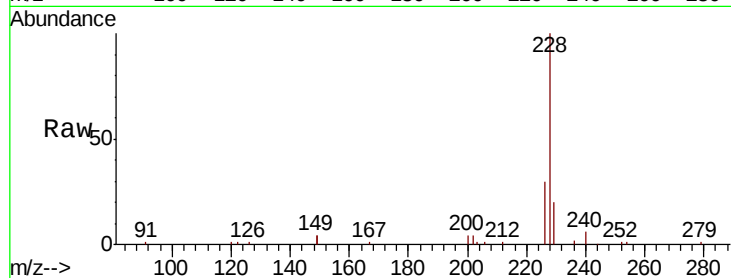
Tot Ion:228 Resp: 18075

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

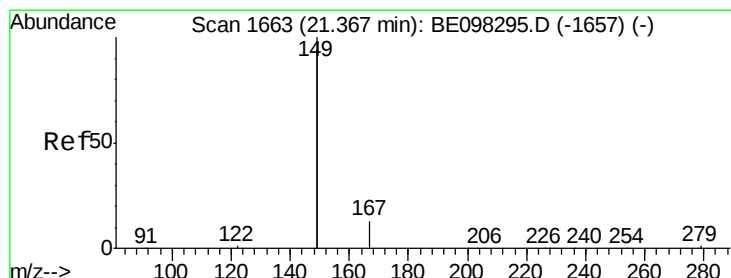
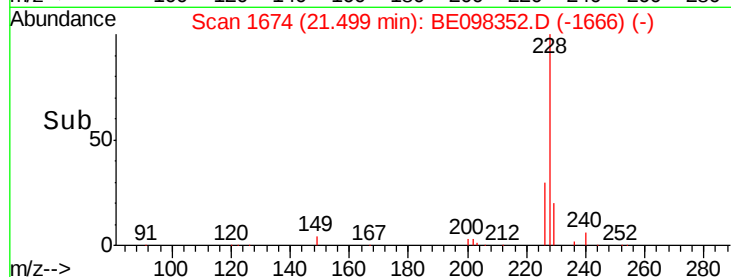
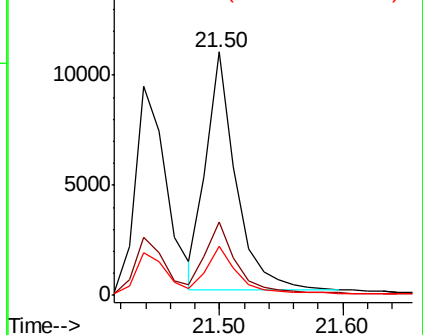
229 20.1 16.2 24.4



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: 0.342 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

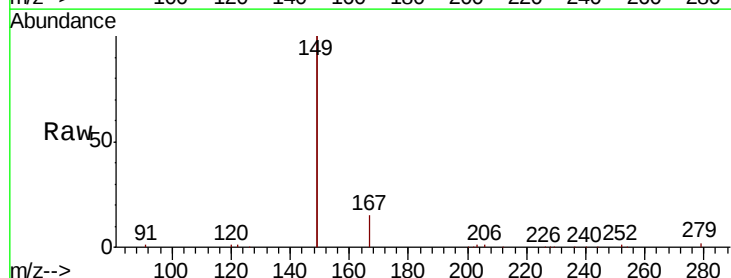
Tgt Ion:149 Resp: 31635

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

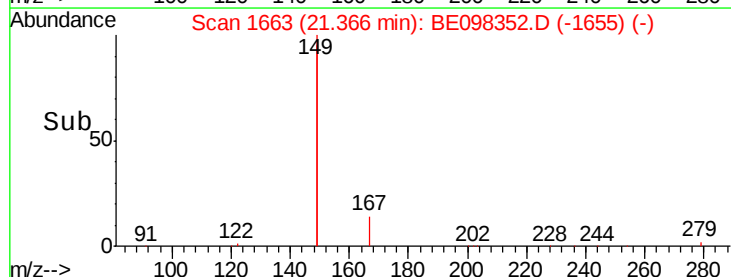
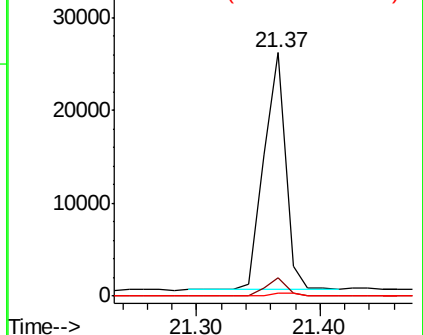
279 1.1 1.0 1.4



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

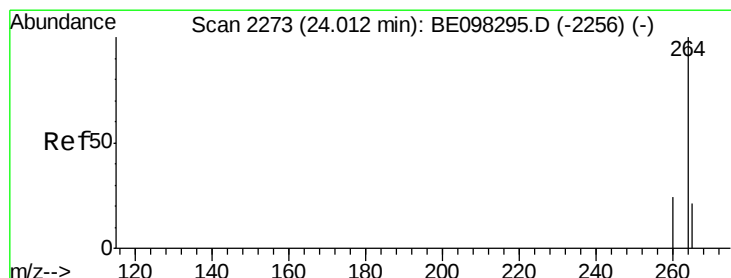
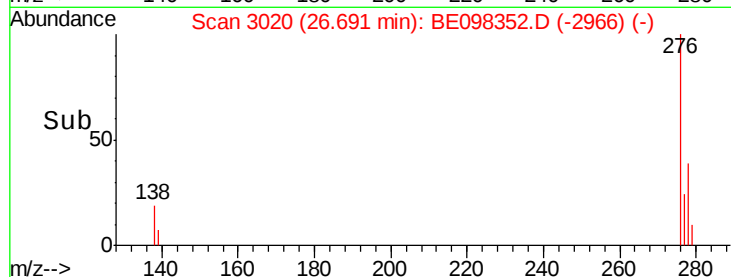
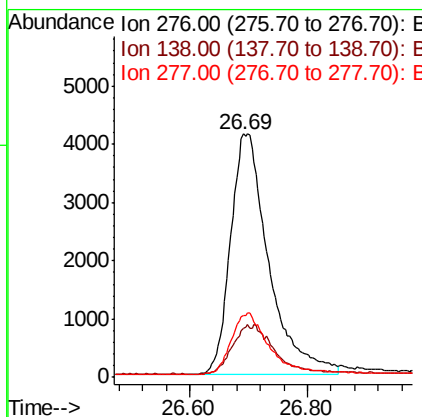
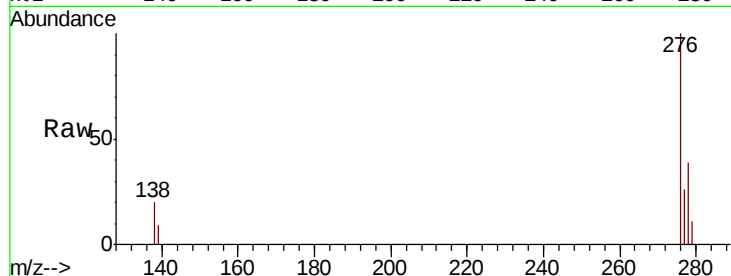




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.69 min Scan# 3020
Delta R.T. -0.01 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

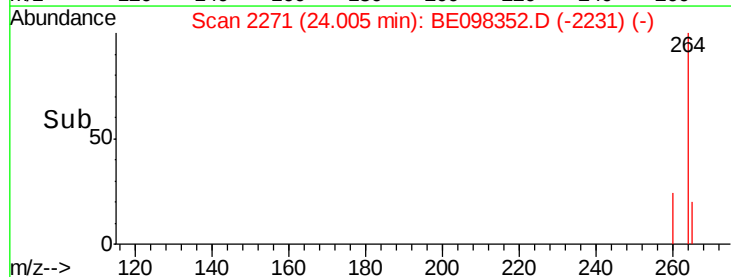
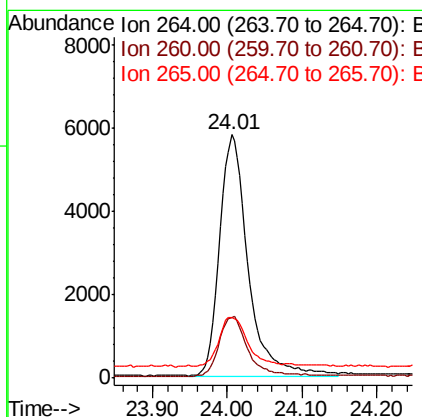
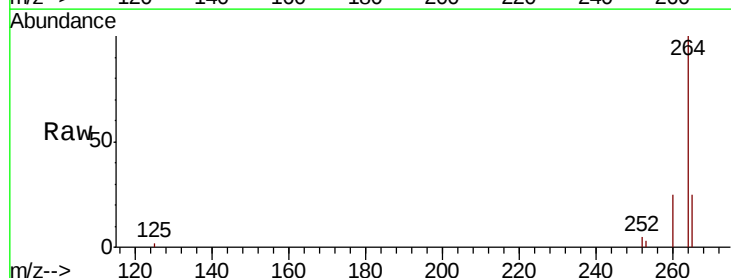
Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 18652
Ion Ratio Lower Upper
276 100
138 9.4 16.3 24.5#
277 24.0 20.2 30.4



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

Tgt Ion:264 Resp: 15277
Ion Ratio Lower Upper
264 100
260 24.9 20.2 30.2
265 24.8 25.2 37.8#





#35

Benzo(b)fluoranthene

Concen: 0.385 ng

RT: 23.22 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

Instrument :

BNA_E

ClientSampleId :

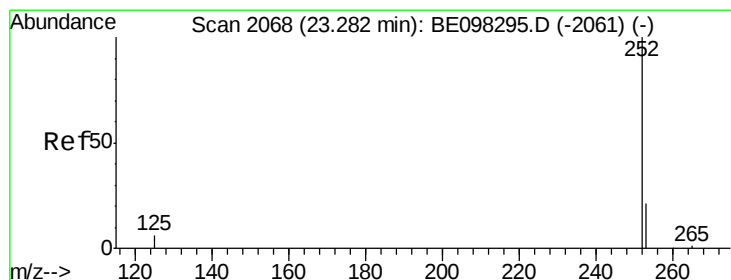
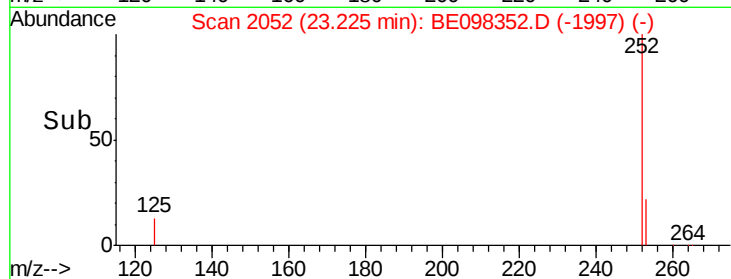
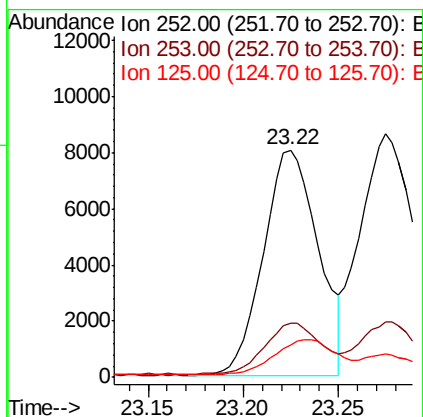
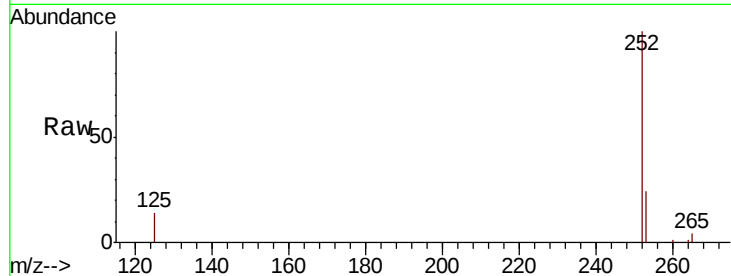
Tot Ion:252 Resp: 16083

Ion Ratio Lower Upper

252 100

253 23.9 20.0 30.0

125 14.2 9.6 14.4



#36

Benzo(k)fluoranthene

Concen: 0.410 ng

RT: 23.27 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

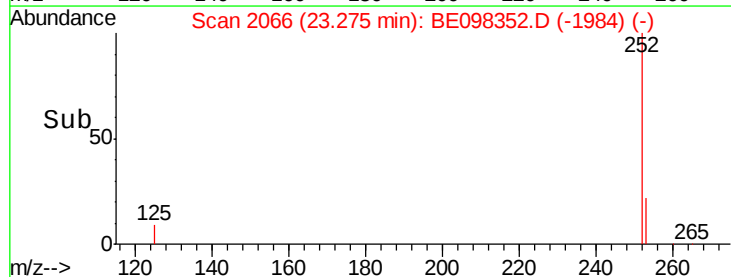
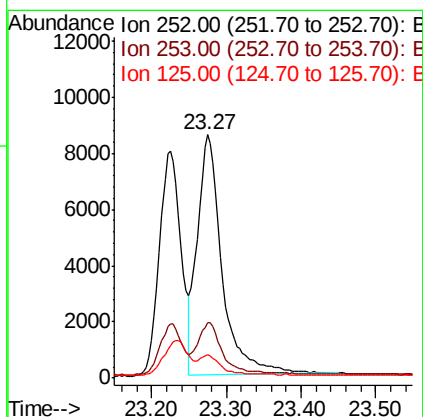
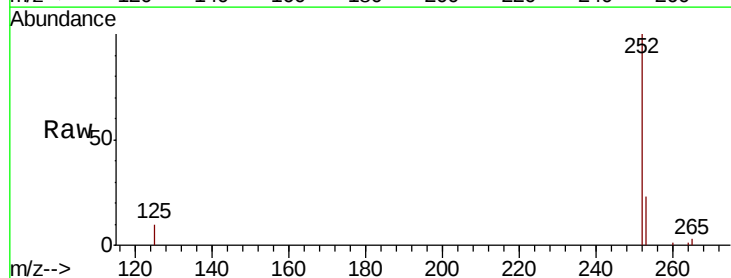
Tgt Ion:252 Resp: 19942

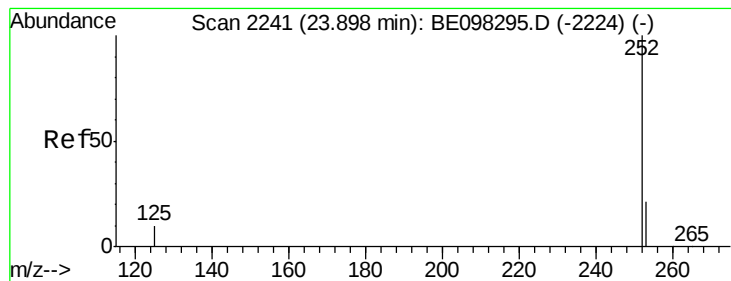
Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.6

125 9.7 9.1 13.7

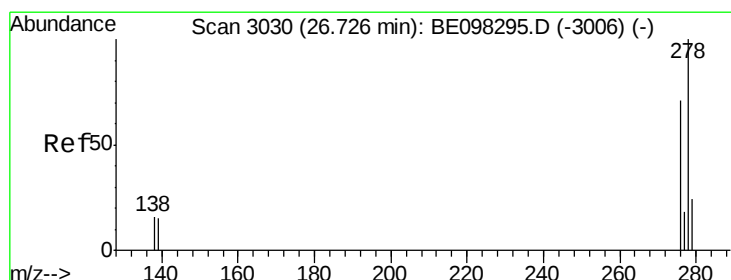
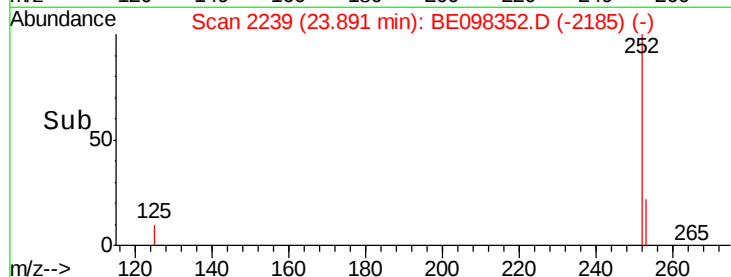
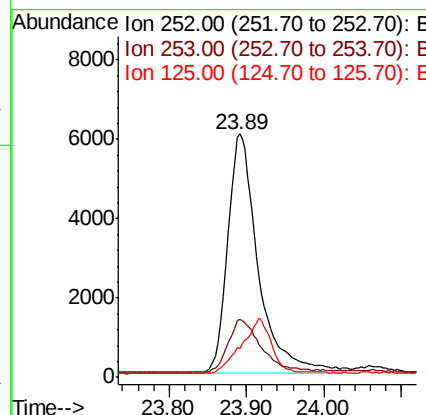
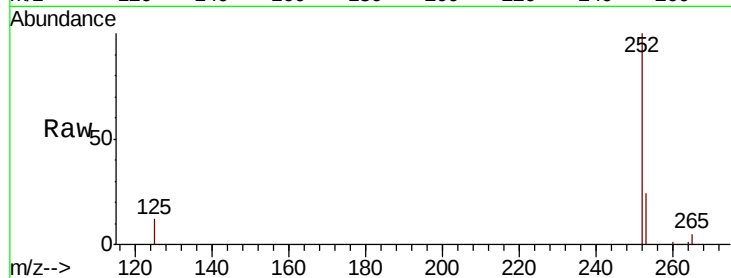




#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.89 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

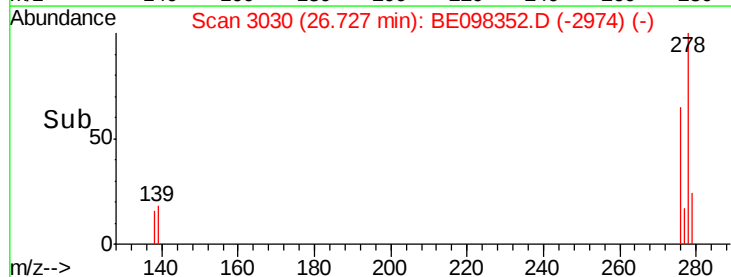
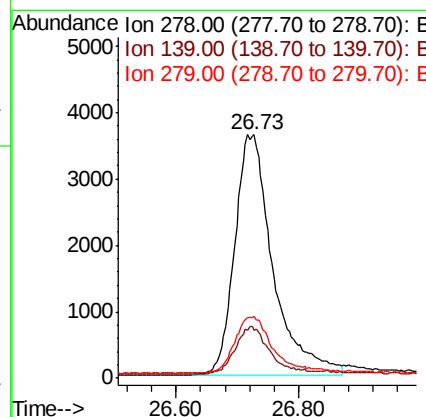
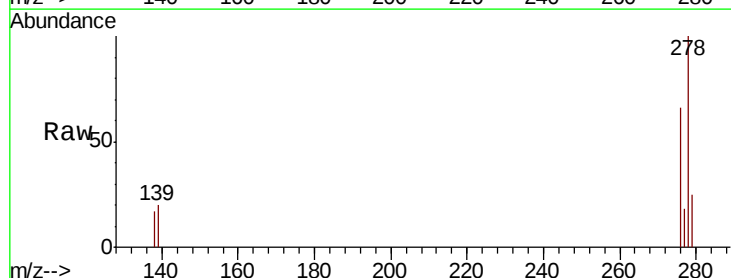
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 16686
Ion Ratio Lower Upper
252 100
253 24.0 20.6 30.8
125 11.7 10.5 15.7



#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098352.D
Acq: 12 Dec 2018 3:33

Tgt Ion:278 Resp: 15604
Ion Ratio Lower Upper
278 100
139 19.8 14.5 21.7
279 25.4 21.8 32.8





#39

Benzo(a,h,i)perylene

Concen: 0.379 ng

RT: 27.52 min Scan# 3253

Delta R.T. 0.00 min

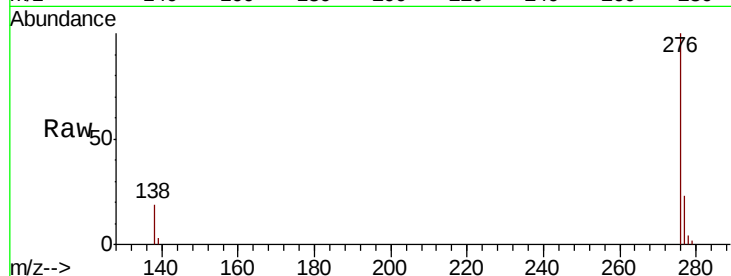
Lab File: BE098352.D

Acq: 12 Dec 2018 3:33

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 15492

Ion Ratio Lower Upper

276 100

277 23.3 20.8 31.2

138 18.7 15.8 23.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

