

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
 Data File : BE098551.D
 Acq On : 21 Dec 2018 12:53
 Operator : SJ/JU
 Sample : J6398-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 21 15:28:57 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	7.85	152	544	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	2591	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1986	0.40	ng	-0.02
19) Phenanthrene-d10	17.26	188	6213	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	10066	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8509	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	319	0.25	ng	0.00
5) Phenol-d6	7.03	99	330	0.18	ng	-0.01
8) Nitrobenzene-d5	9.02	82	701	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2082	0.49	ng	-0.02
14) 2,4,6-Tribromophenol	16.01	330	436	0.60	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	2758	0.33	ng	-0.02
25) Fluoranthene-d10	19.29	212	38030	0.48	ng	-0.02
29) Terphenyl-d14	19.89	244	7741	0.32	ng	-0.02

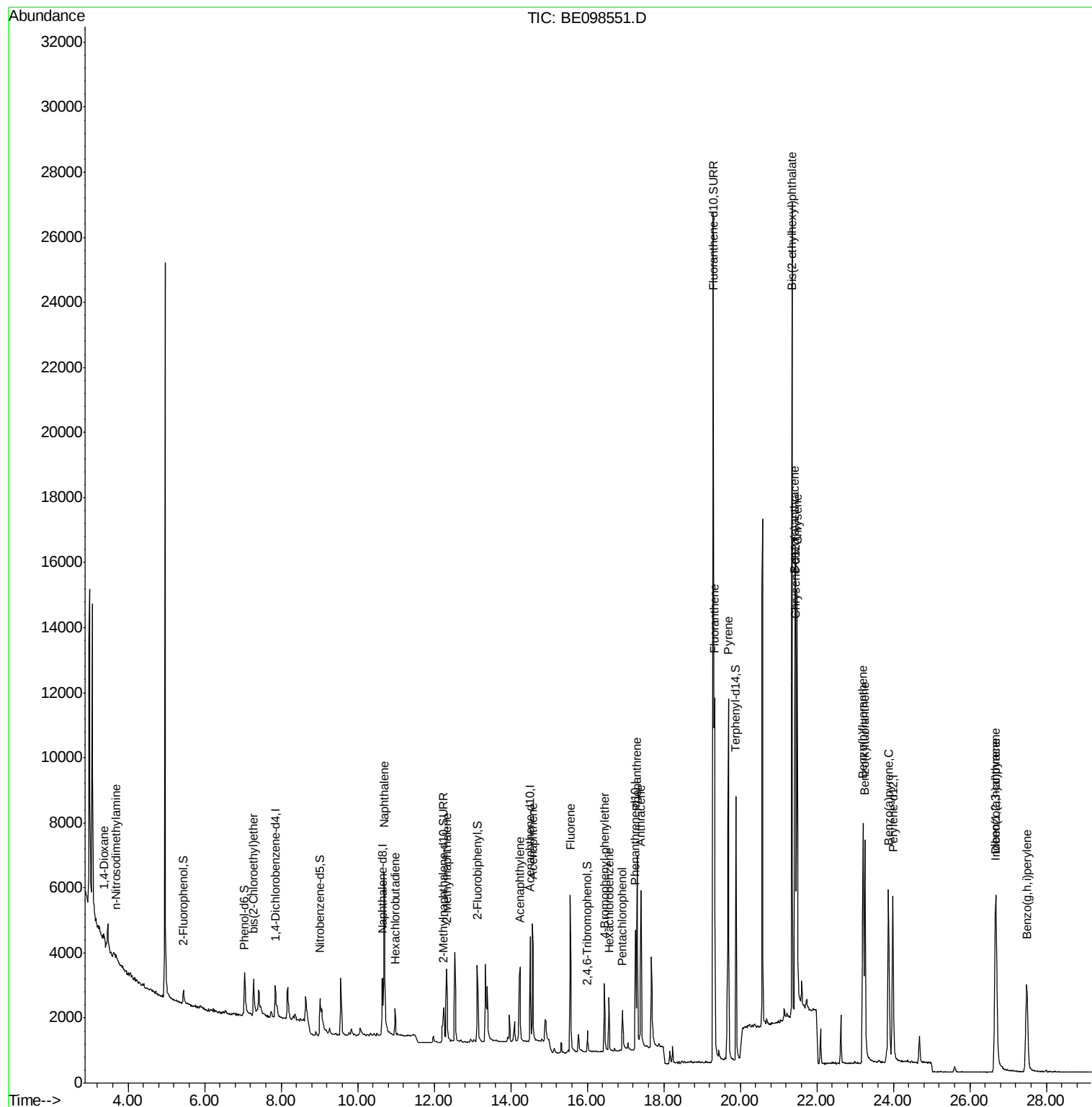
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	214	0.227	ng	# 60
3) n-Nitrosodimethylamine	3.68	42	169	0.200	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	614	0.358	ng	96
9) Naphthalene	10.69	128	10513	0.403	ng	99
10) Hexachlorobutadiene	10.98	225	592	0.357	ng	96
12) 2-Methylnaphthalene	12.32	142	1766	0.417	ng	95
16) Acenaphthylene	14.24	152	3280	0.353	ng	99
17) Acenaphthene	14.57	154	2119	0.379	ng	99
18) Fluorene	15.55	166	3258	0.436	ng	100
20) 4-Bromophenyl-phenylether	16.45	248	1151	0.344	ng	92
21) Hexachlorobenzene	16.57	284	1276	0.355	ng	95
22) Pentachlorophenol	16.92	266	863	1.184	ng	95
23) Phenanthrene	17.30	178	6546	0.434	ng	100
24) Anthracene	17.40	178	5496	0.408	ng	99
26) Fluoranthene	19.33	202	10377	0.519	ng	99
28) Pyrene	19.69	202	10869	0.344	ng	99
30) Benzo(a)anthracene	21.43	228	11925	0.416	ng	99
31) Chrysene	21.49	228	11640	0.388	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	27320	0.469	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	8942	0.299	ng	97
35) Benzo(b)fluoranthene	23.21	252	10328	0.444	ng	# 94
36) Benzo(k)fluoranthene	23.26	252	11054	0.408	ng	97
37) Benzo(a)pyrene	23.88	252	9556	0.398	ng	97
38) Dibenzo(a,h)anthracene	26.69	278	7304	0.323	ng	98
39) Benzo(g,h,i)perylene	27.49	276	7462	0.327	ng	97

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

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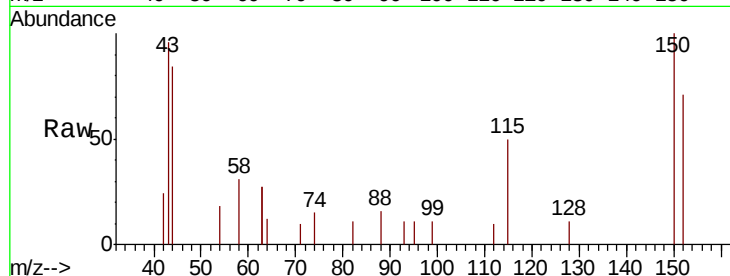


#1

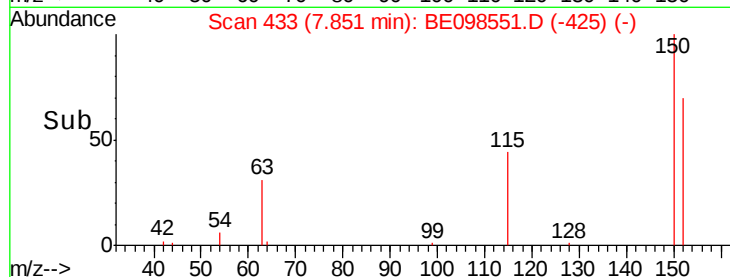
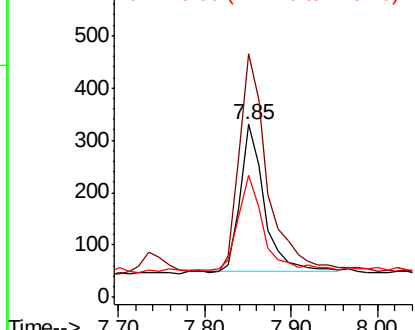
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 544
Ion Ratio Lower Upper
152 100
150 140.9 124.2 186.4
115 70.3 53.9 80.9



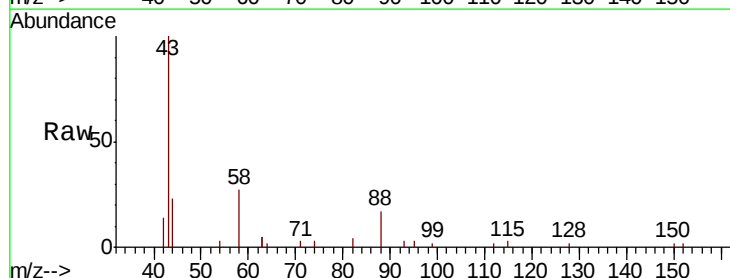
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



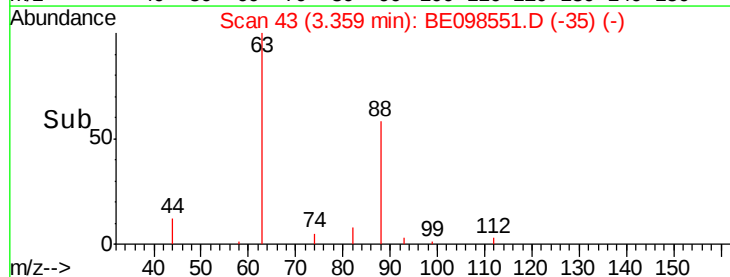
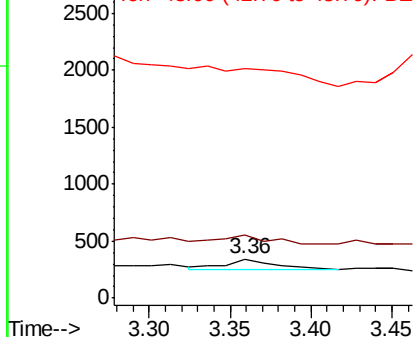
#2

1,4-Dioxane
Concen: 0.227 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion: 88 Resp: 214
Ion Ratio Lower Upper
88 100
58 70.6 75.0 112.6#
43 0.0 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



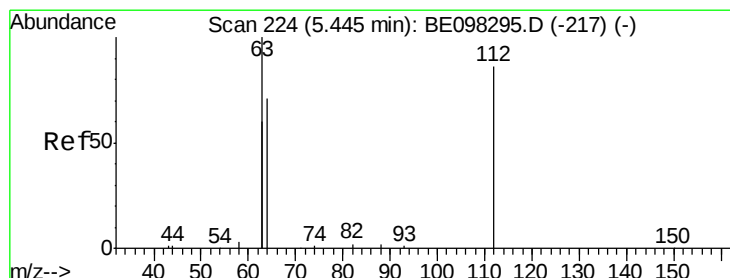
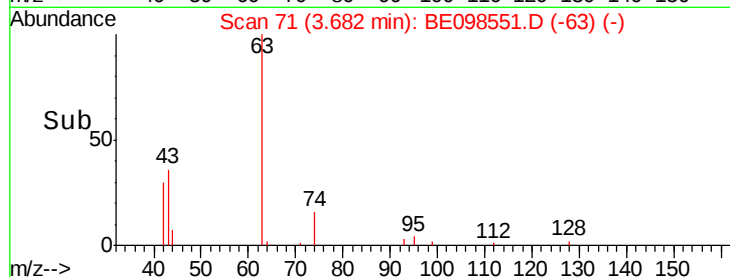
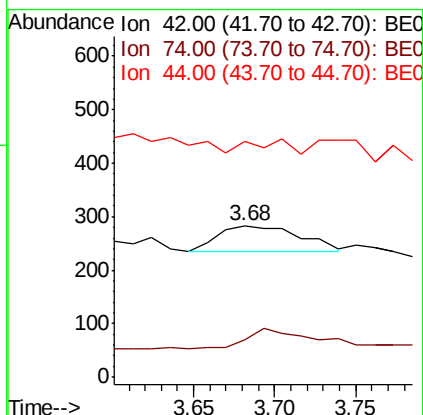
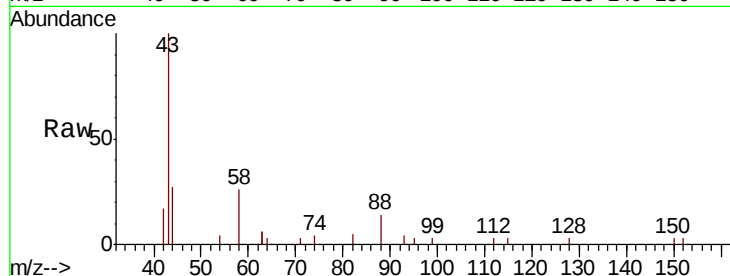


#3

n-Nitrosodimethylamine
 Concen: 0.200 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE098551.D
 Acq: 21 Dec 2018 12:53

Instrument :
 BNA_E
 ClientSampled :

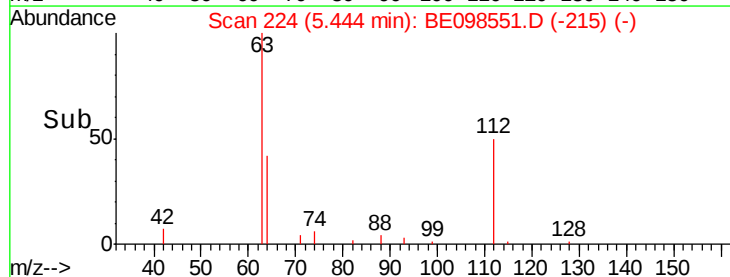
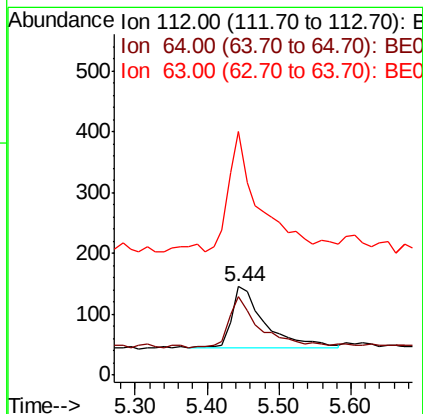
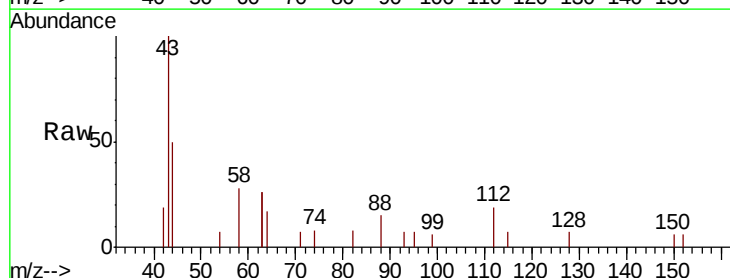
Tot Ion: 42 Resp: 169
 Ion Ratio Lower Upper
 42 100
 74 55.0 0.0 0.0#
 44 0.0 0.0 0.0



#4

2-Fluorophenol
 Concen: 0.251 ng
 RT: 5.44 min Scan# 224
 Delta R.T. -0.00 min
 Lab File: BE098551.D
 Acq: 21 Dec 2018 12:53

Tgt Ion: 112 Resp: 319
 Ion Ratio Lower Upper
 112 100
 64 80.9 59.8 89.8
 63 181.5 133.7 200.5





#5

Phenol-d6

Concen: 0.183 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampled :

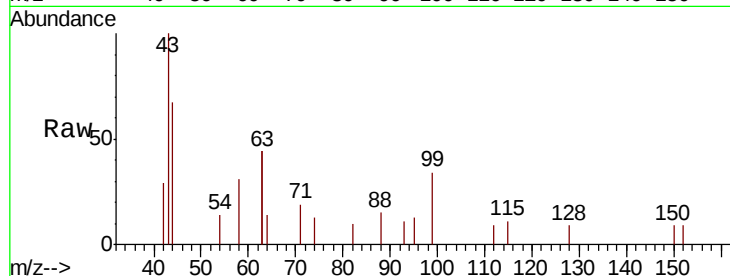
Tot Ion: 99 Resp: 330

Ion Ratio Lower Upper

99 100

42 60.9 26.3 39.5#

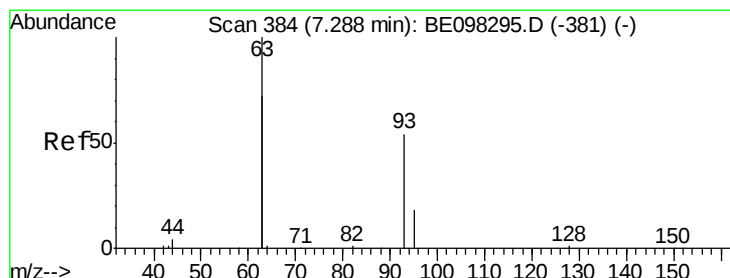
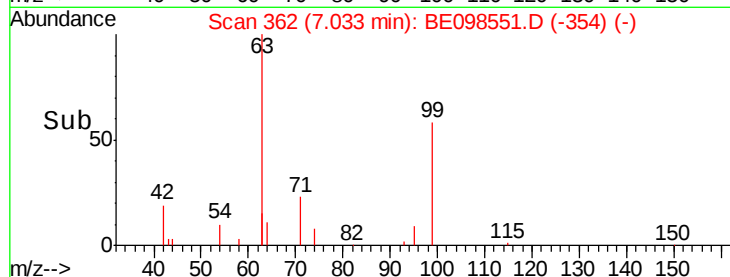
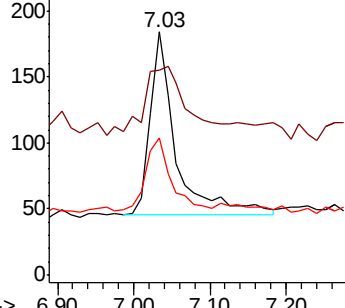
71 40.6 33.6 50.4



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: 0.358 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

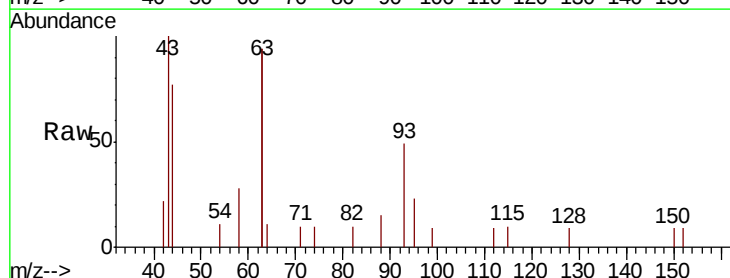
Tgt Ion: 93 Resp: 614

Ion Ratio Lower Upper

93 100

63 323.0 264.4 396.6

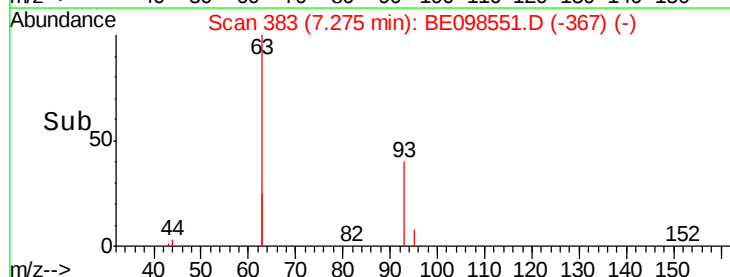
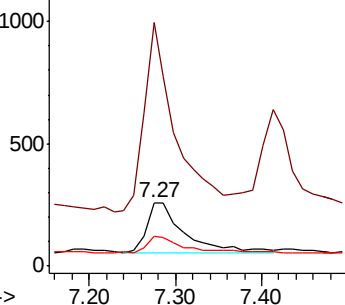
95 30.3 26.6 40.0



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: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2591

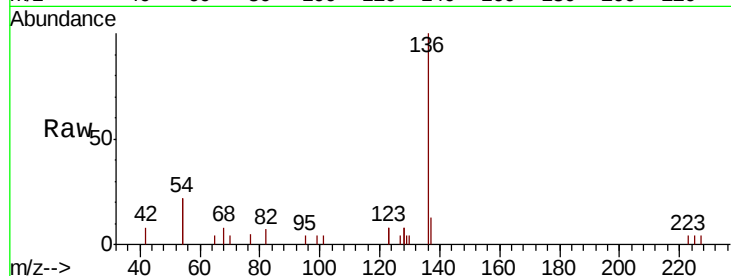
Ion Ratio Lower Upper

136 100

137 13.4 9.2 13.8

54 44.1 28.4 42.6#

68 7.8 5.4 8.0

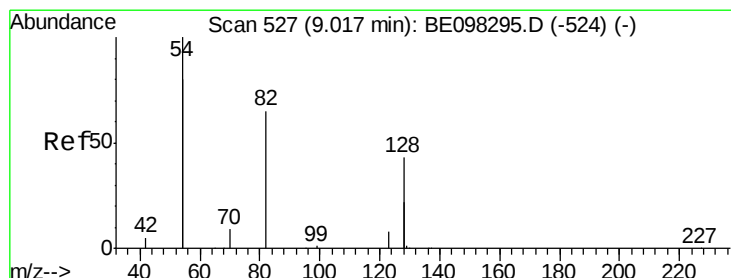
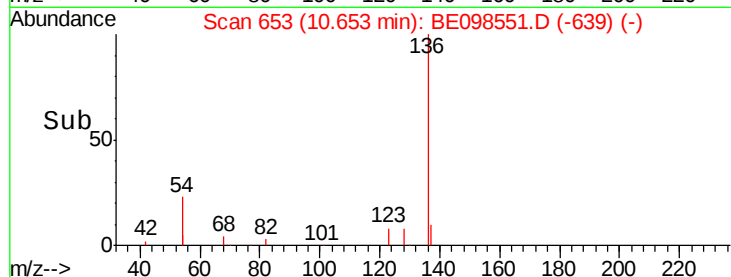
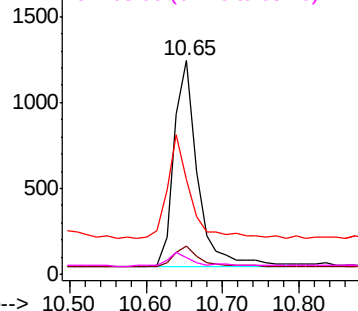


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.297 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

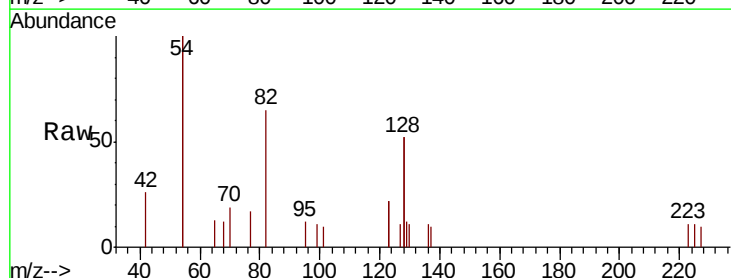
Tgt Ion: 82 Resp: 701

Ion Ratio Lower Upper

82 100

128 160.7 102.4 153.6#

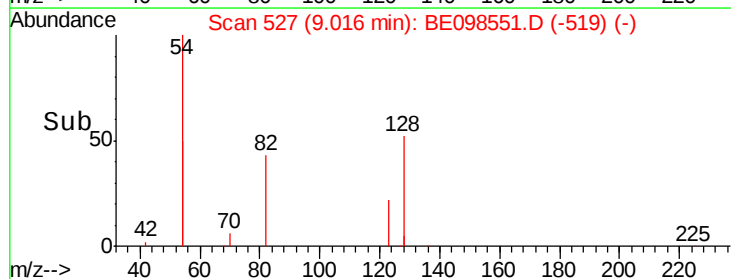
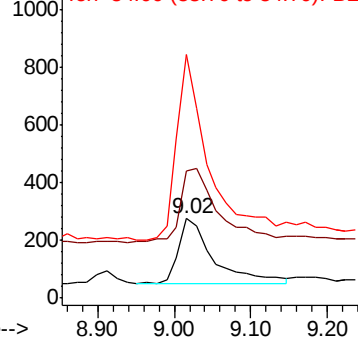
54 306.9 221.8 332.8



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: 0.403 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

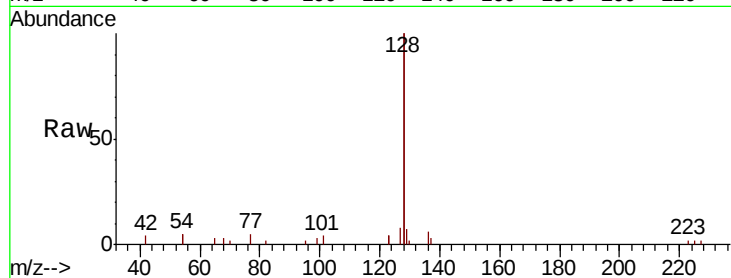
Tot Ion:128 Resp: 10513

Ion Ratio Lower Upper

128 100

129 3.4 2.5 3.7

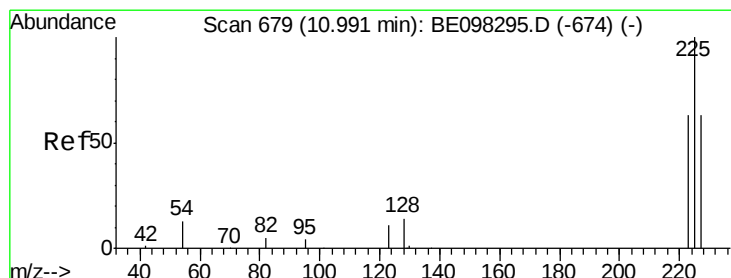
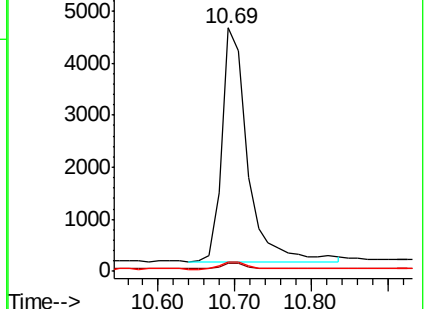
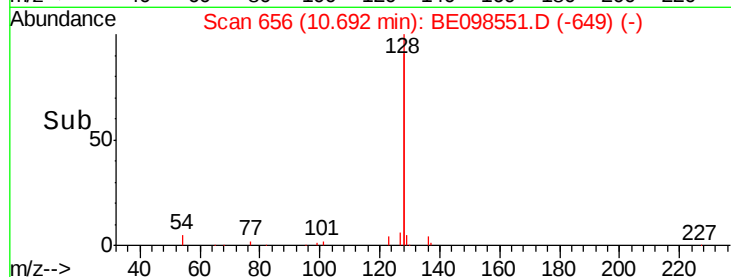
127 4.0 2.7 4.1



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: 0.357 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

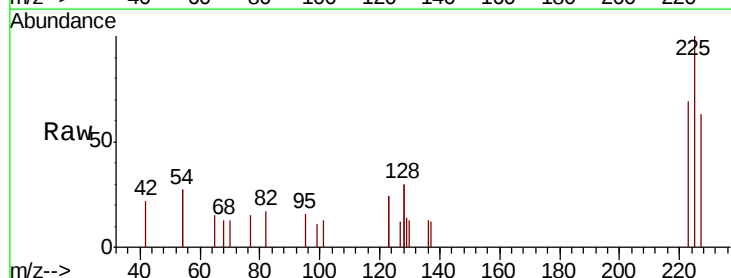
Tgt Ion:225 Resp: 592

Ion Ratio Lower Upper

225 100

223 62.0 49.4 74.0

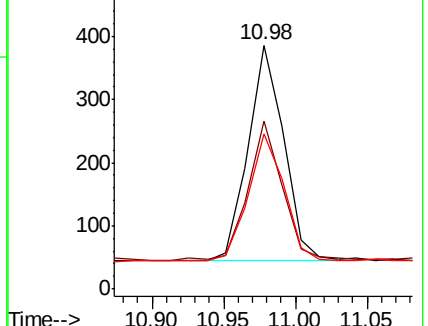
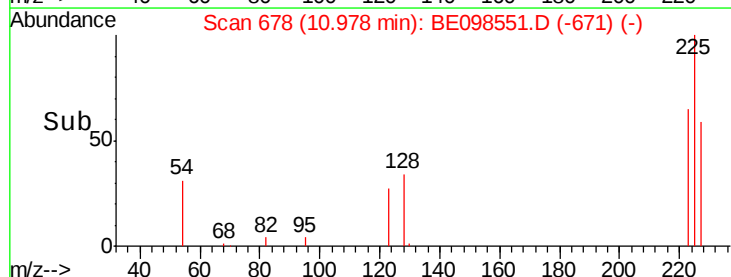
227 59.0 52.0 78.0

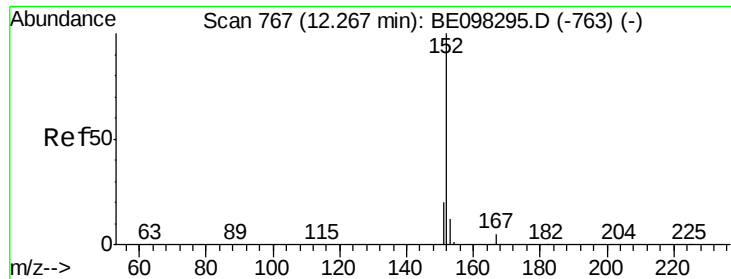


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

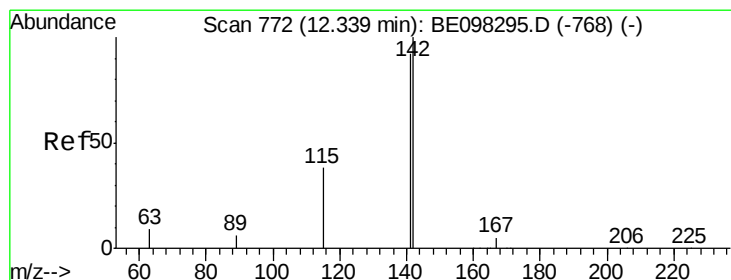
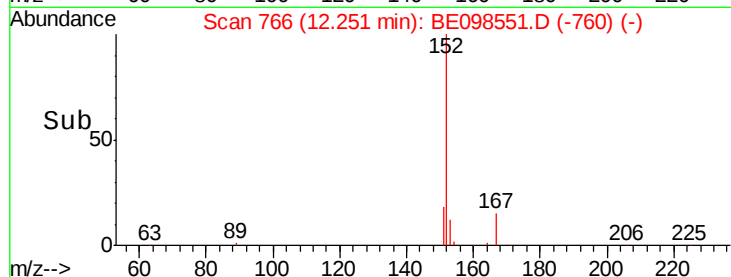
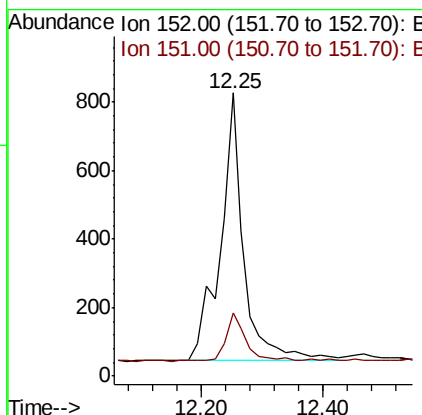
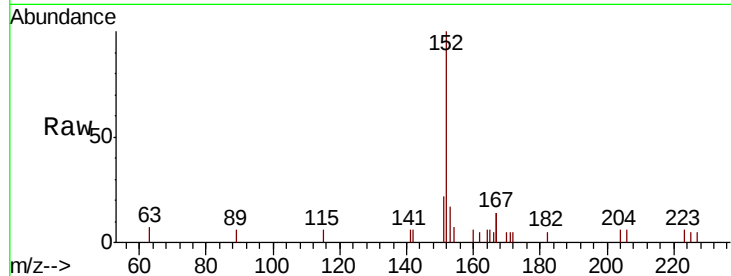




#11
 2-Methylnaphthalene-d10
 Concen: 0.494 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BE098551.D
 Acq: 21 Dec 2018 12:53

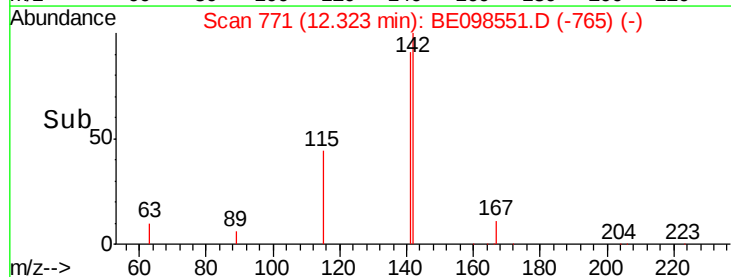
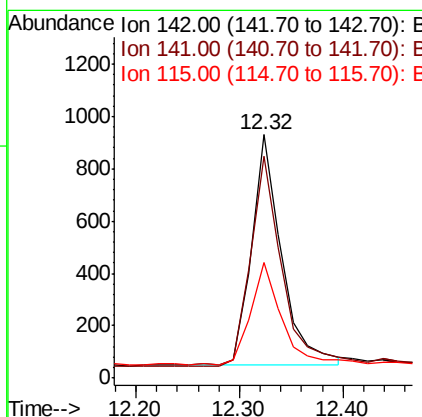
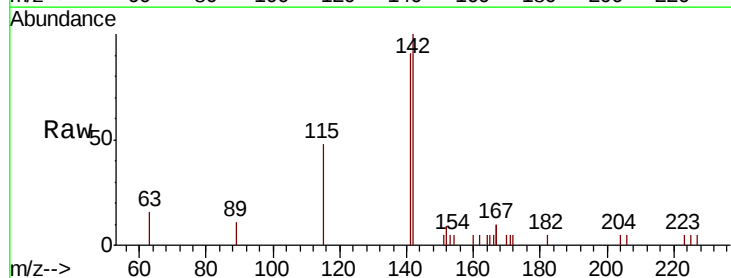
Instrument :
 BNA_E
 ClientSampleId :

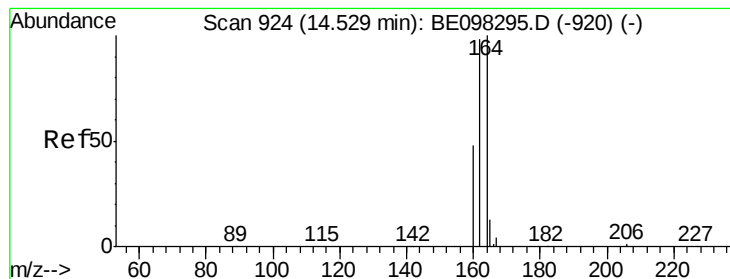
Tot Ion:152 Resp: 2082
 Ion Ratio Lower Upper
 152 100
 151 15.4 16.2 24.4#



#12
 2-Methylnaphthalene
 Concen: 0.417 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BE098551.D
 Acq: 21 Dec 2018 12:53

Tgt Ion:142 Resp: 1766
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.0 106.6
 115 47.7 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

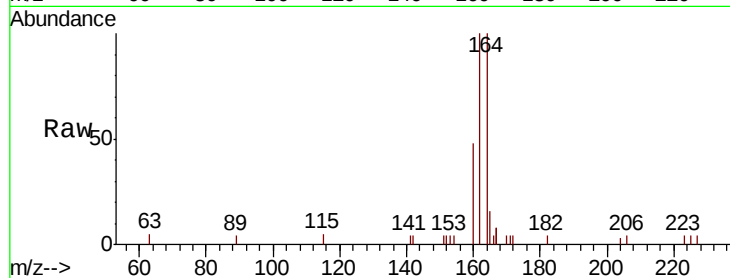
Tot Ion:164 Resp: 1986

Ion Ratio Lower Upper

164 100

162 99.7 77.6 116.4

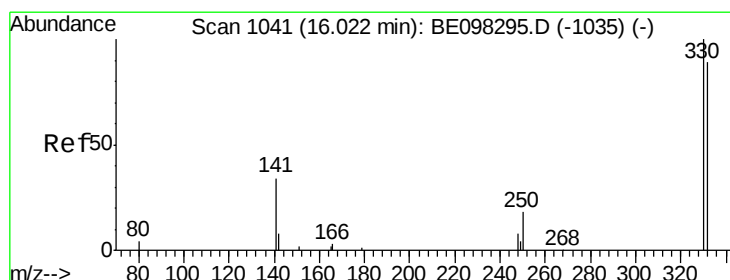
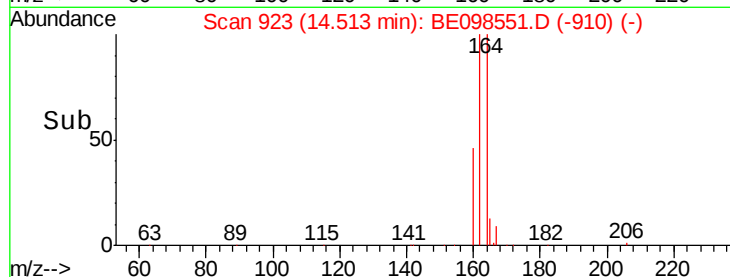
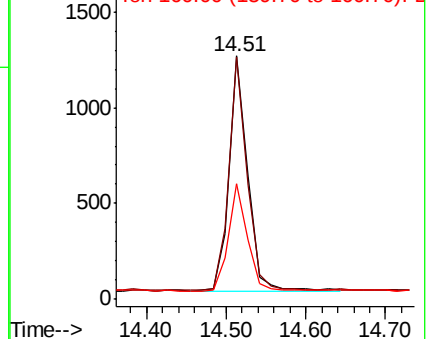
160 47.6 36.0 54.0



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: 0.598 ng

RT: 16.01 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

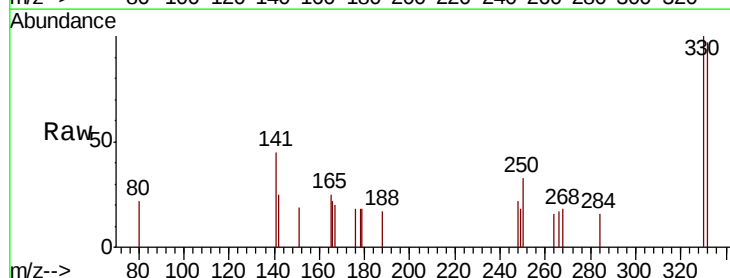
Tgt Ion:330 Resp: 436

Ion Ratio Lower Upper

330 100

332 98.4 76.2 114.4

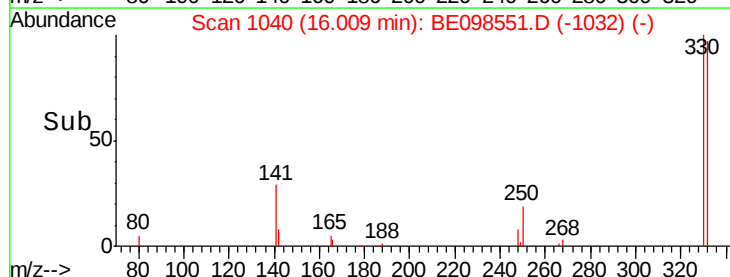
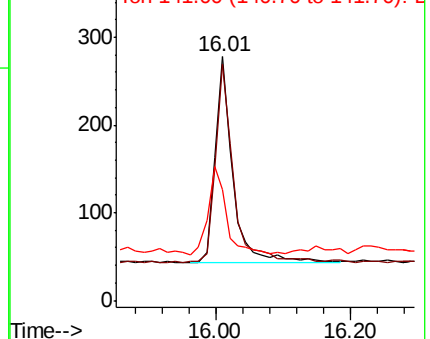
141 44.3 39.0 58.4



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

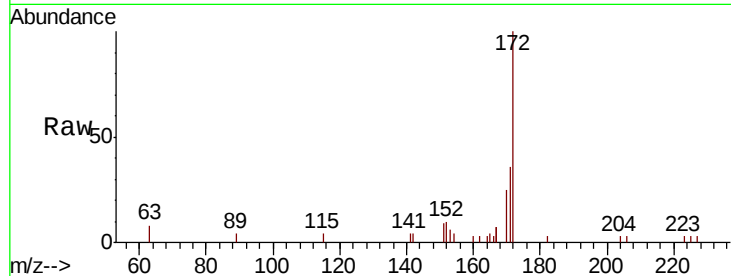




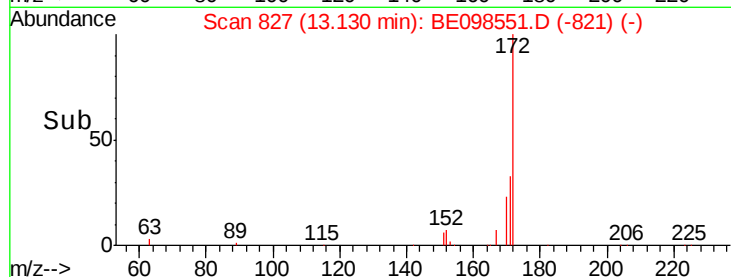
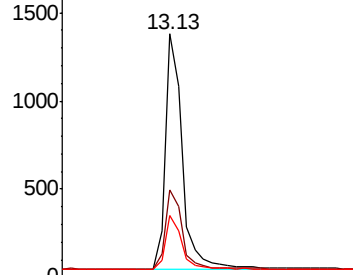
#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.02 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2758
Ion Ratio Lower Upper
172 100
171 35.7 27.5 41.3
170 25.5 19.6 29.4

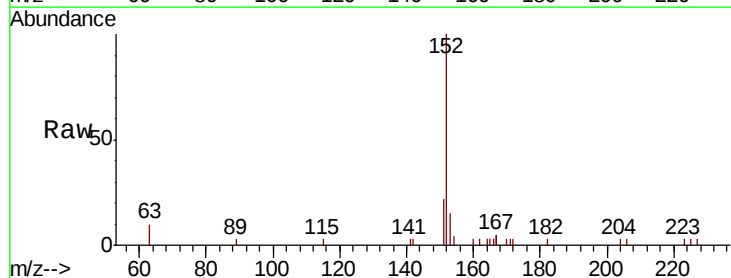


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

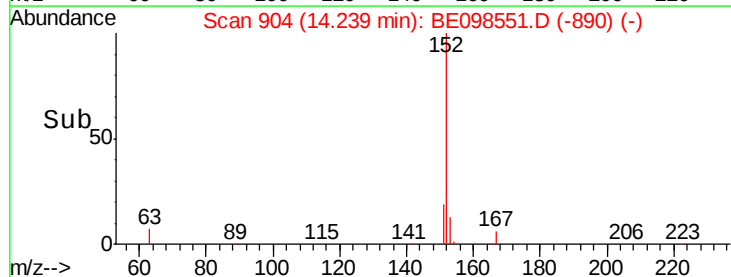
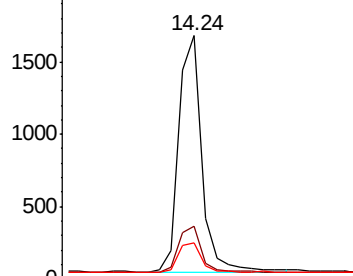


#16
Acenaphthylene
Concen: 0.353 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion:152 Resp: 3280
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 12.9 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: 0.379 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

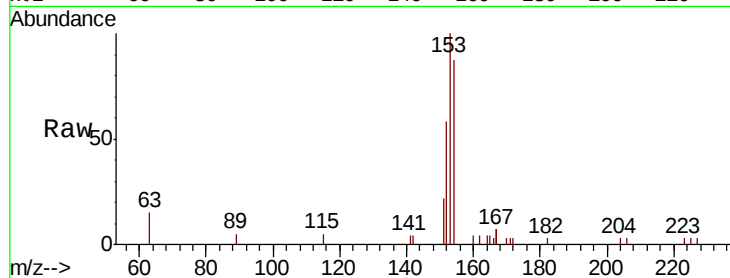
Tot Ion:154 Resp: 2119

Ion Ratio Lower Upper

154 100

153 114.3 91.8 137.6

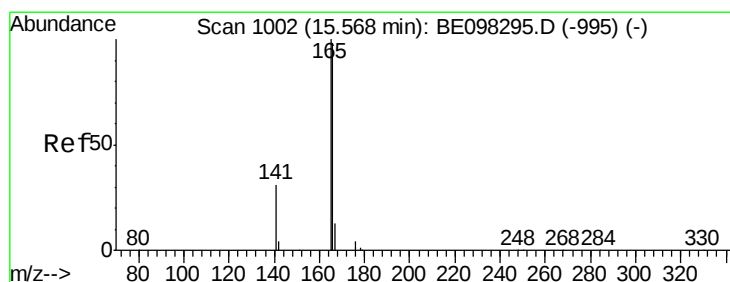
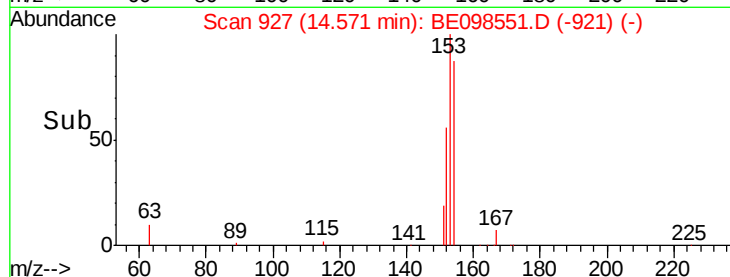
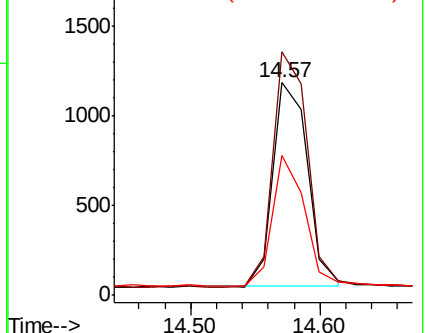
152 58.7 45.5 68.3



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: 0.436 ng

RT: 15.55 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

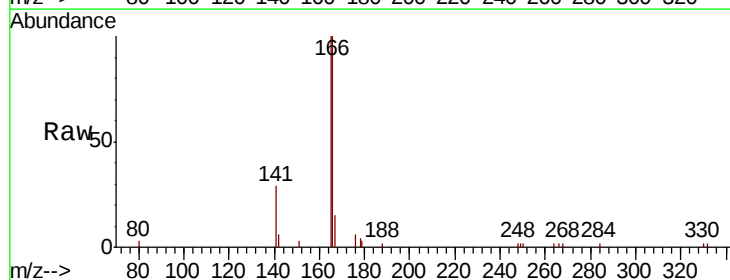
Tgt Ion:166 Resp: 3258

Ion Ratio Lower Upper

166 100

165 99.3 79.3 118.9

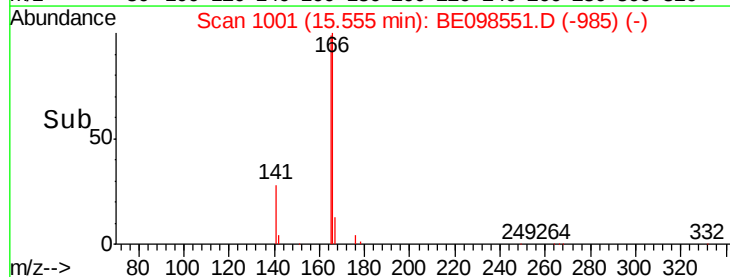
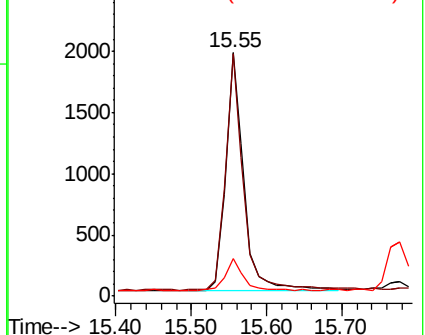
167 14.1 11.3 16.9



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: 17.26 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

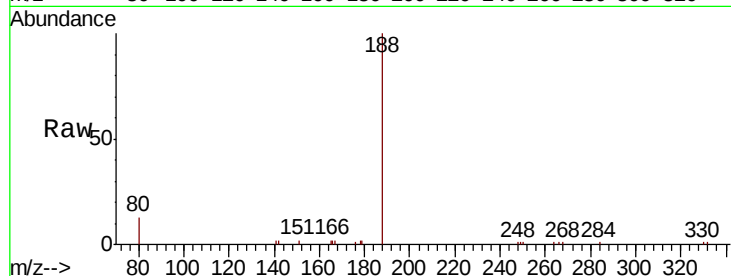
Tot Ion:188 Resp: 6213

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

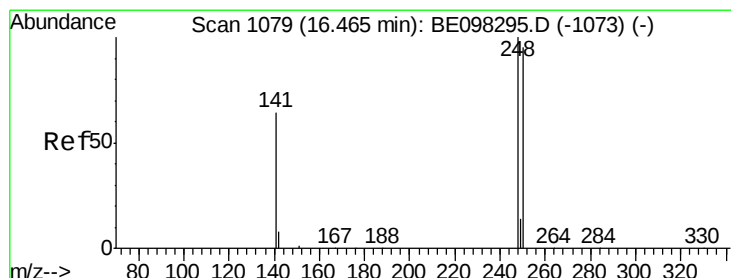
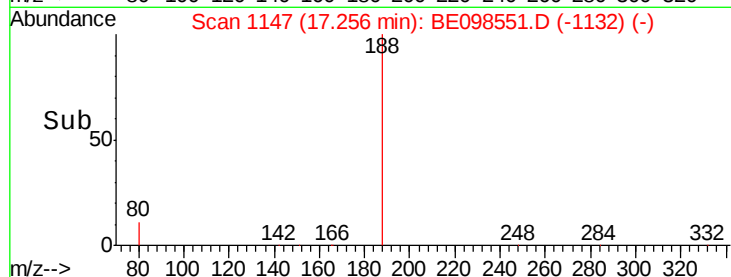
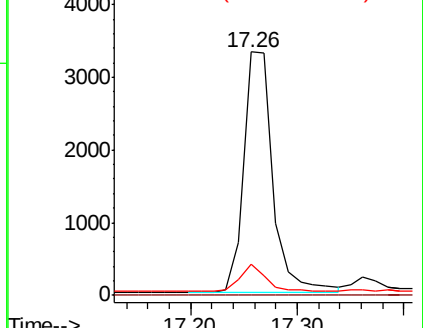
80 12.5 7.2 10.8#



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: 0.344 ng

RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

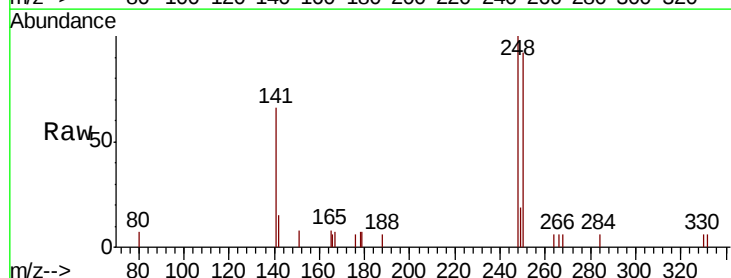
Tgt Ion:248 Resp: 1151

Ion Ratio Lower Upper

248 100

250 92.2 71.0 106.6

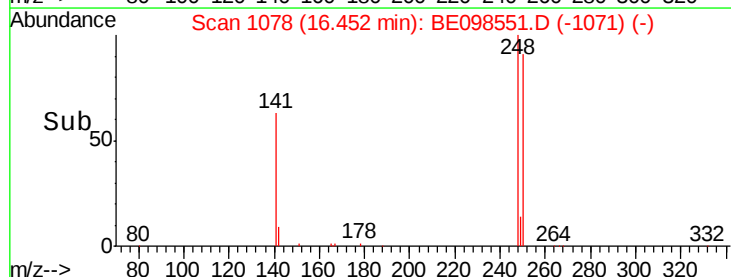
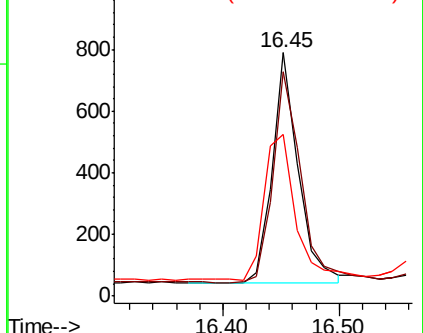
141 66.3 62.1 93.1



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: 0.355 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

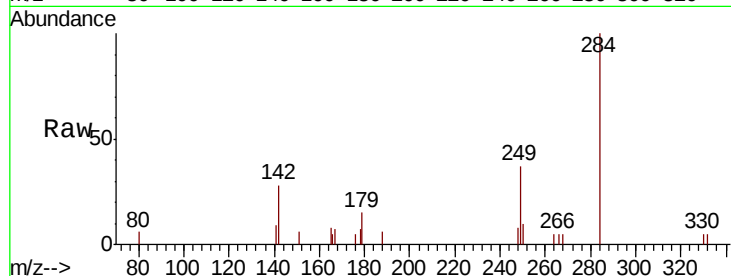
Tot Ion:284 Resp: 1276

Ion Ratio Lower Upper

284 100

142 35.7 26.3 39.5

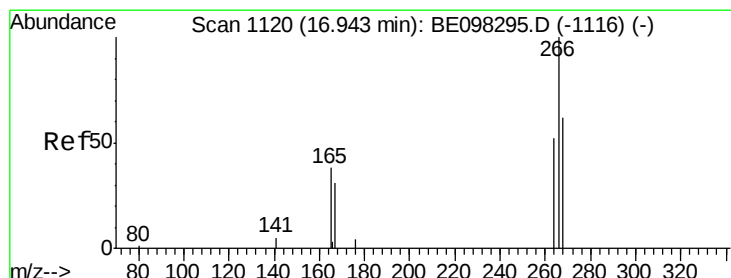
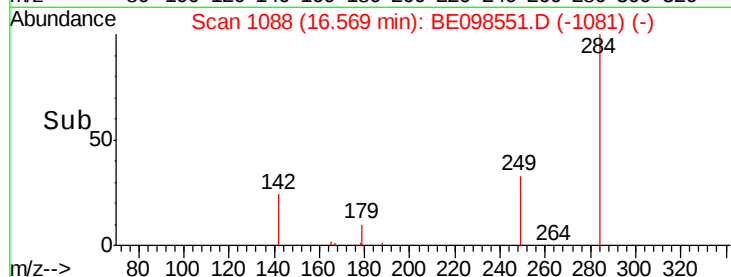
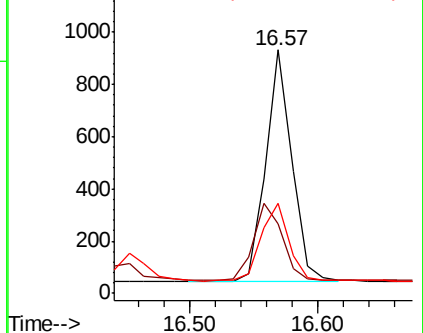
249 35.4 26.0 39.0



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: 1.184 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

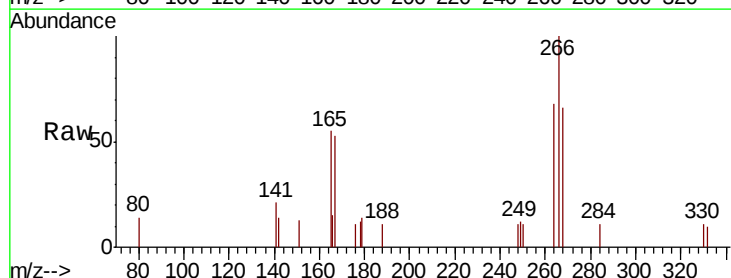
Tgt Ion:266 Resp: 863

Ion Ratio Lower Upper

266 100

264 67.8 59.0 88.4

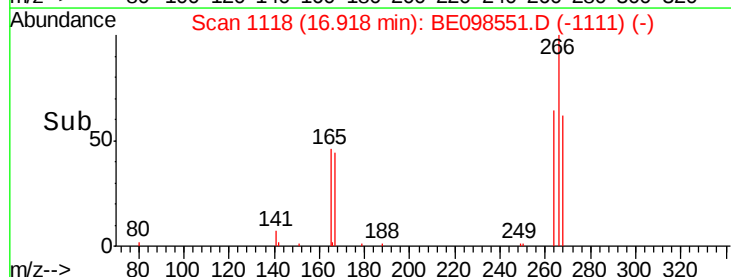
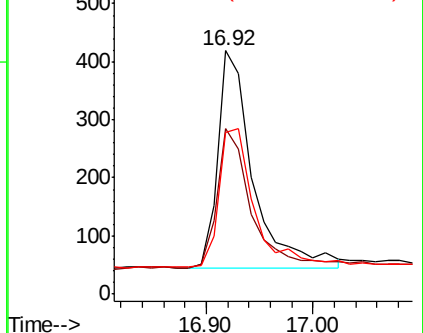
268 66.3 55.1 82.7



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: 0.434 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

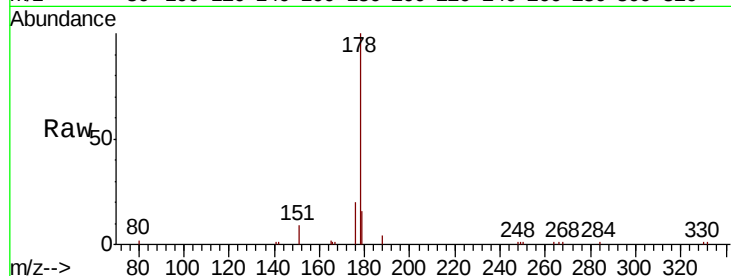
Tot Ion:178 Resp: 6546

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

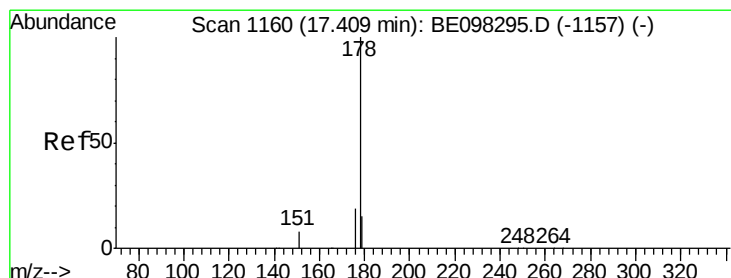
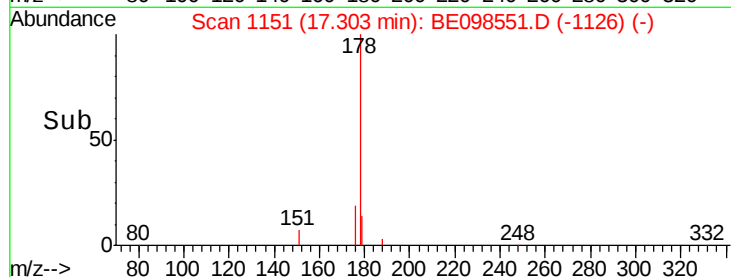
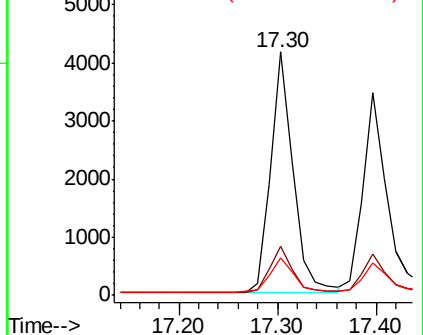
179 15.6 12.3 18.5



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: 0.408 ng

RT: 17.40 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

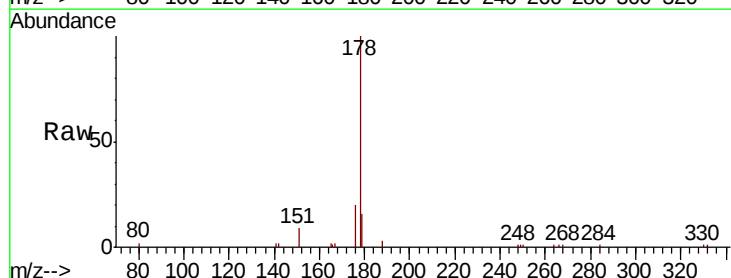
Tgt Ion:178 Resp: 5496

Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.4

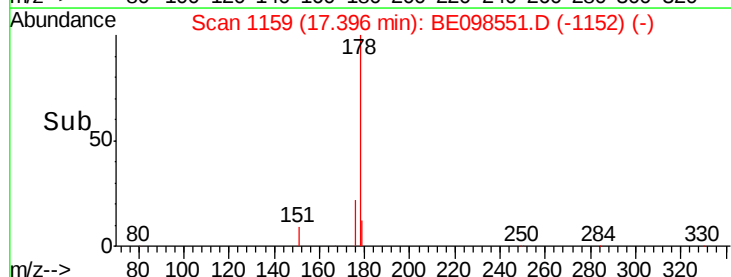
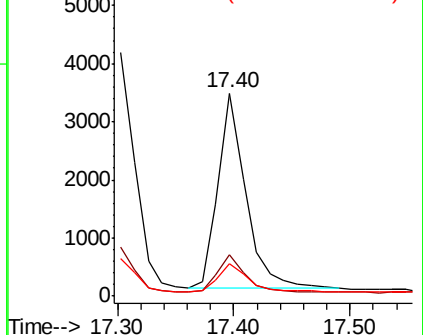
179 15.6 12.3 18.5



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: 0.477 ng

RT: 19.29 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

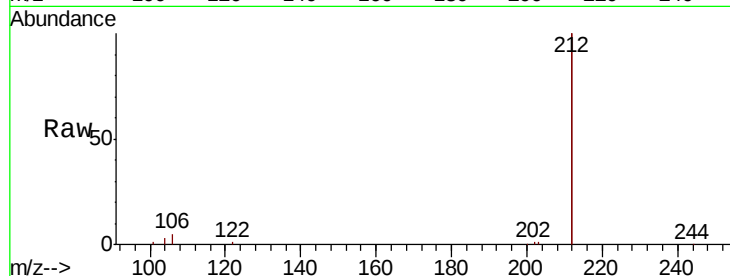
Tot Ion:212 Resp: 38030

Ion Ratio Lower Upper

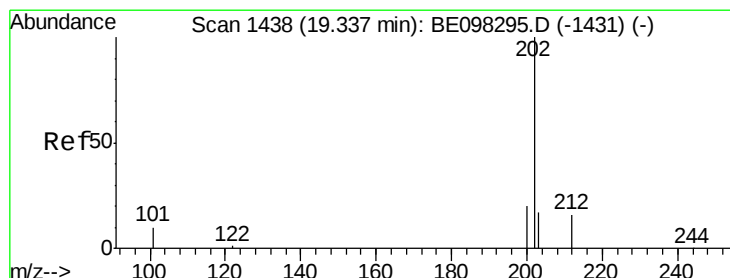
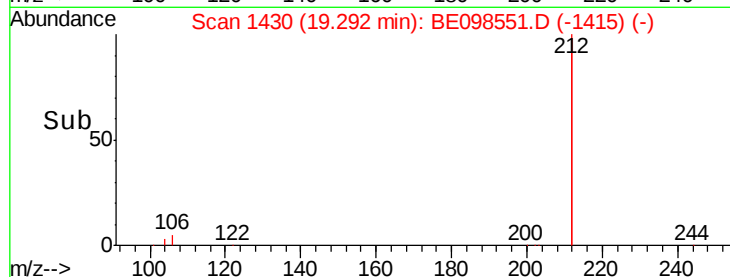
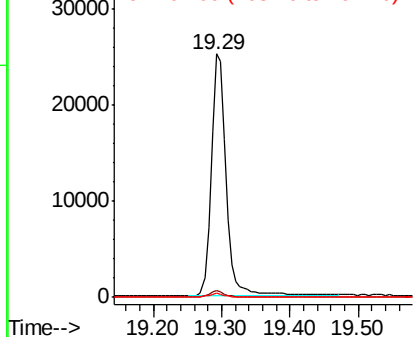
212 100

106 2.3 2.2 3.2

104 1.3 1.3 1.9



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



#26

Fluoranthene

Concen: 0.519 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

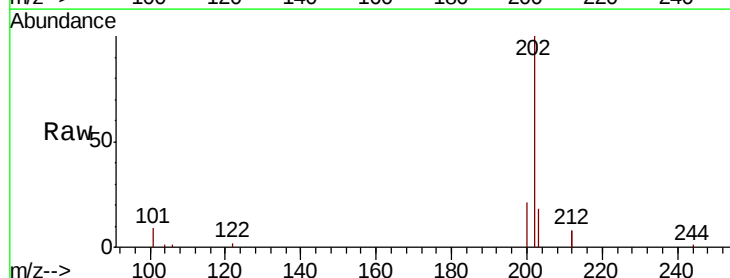
Tgt Ion:202 Resp: 10377

Ion Ratio Lower Upper

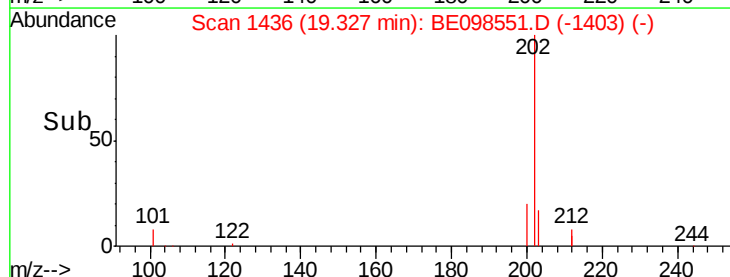
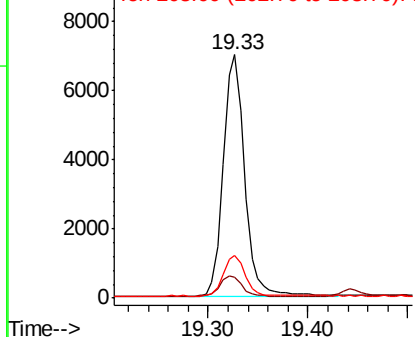
202 100

101 9.0 8.0 12.0

203 17.3 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

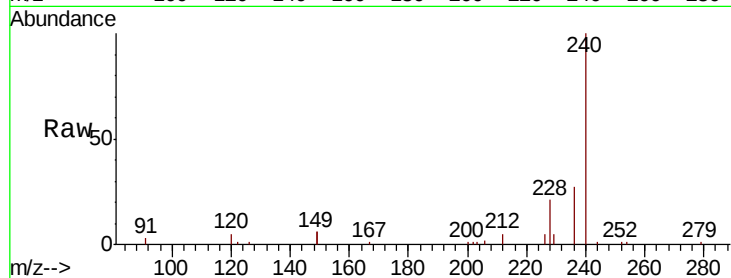




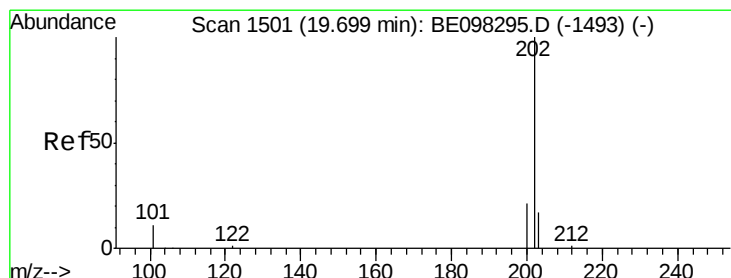
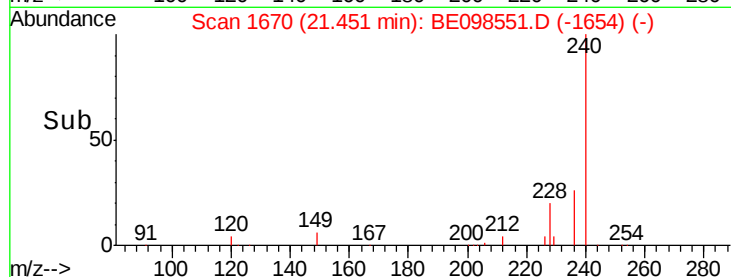
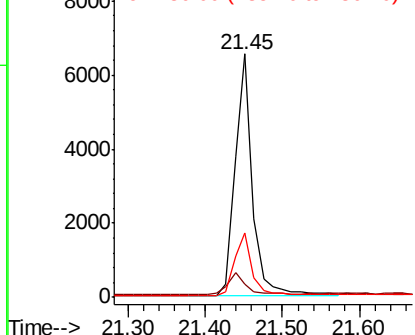
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 10066
Ion Ratio Lower Upper
240 100
120 5.3 9.5 14.3#
236 26.6 22.7 34.1

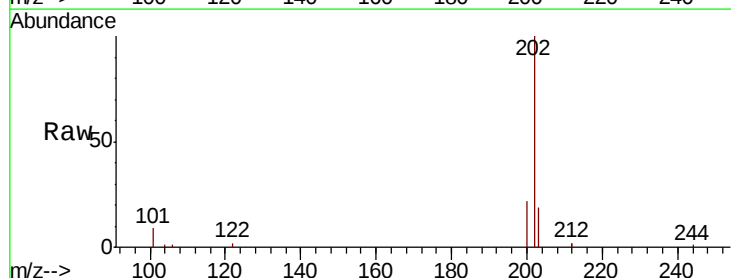


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

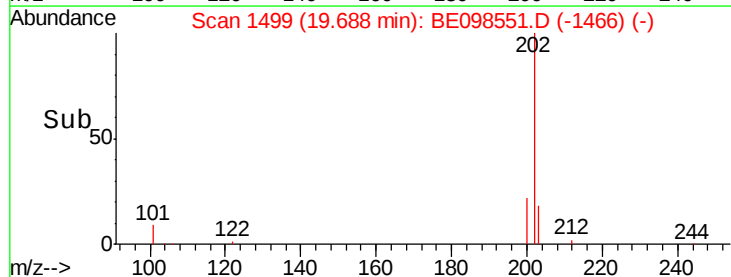
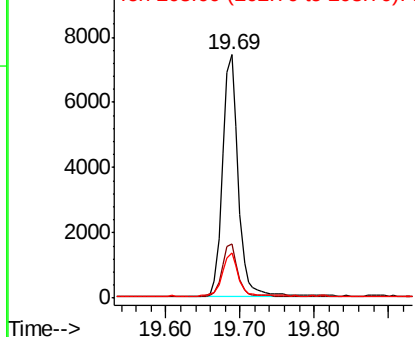


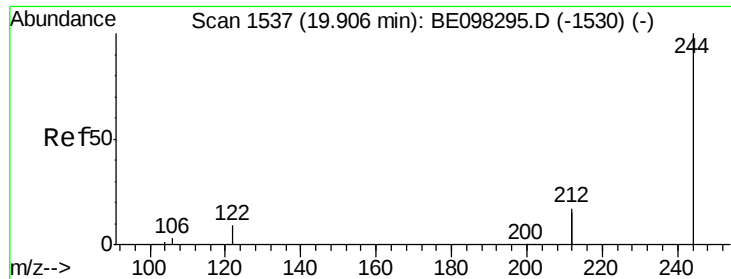
#28
Pyrene
Concen: 0.344 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion:202 Resp: 10869
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 18.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.316 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

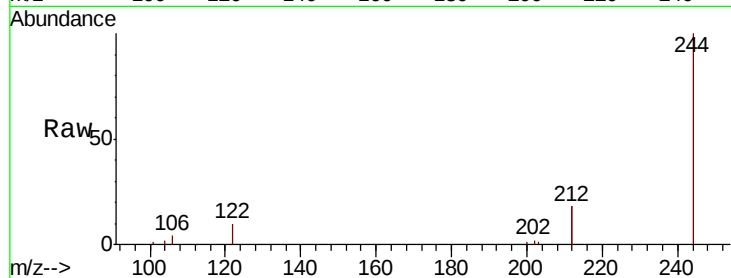
Tot Ion:244 Resp: 7741

Ion Ratio Lower Upper

244 100

212 36.8 27.4 41.0

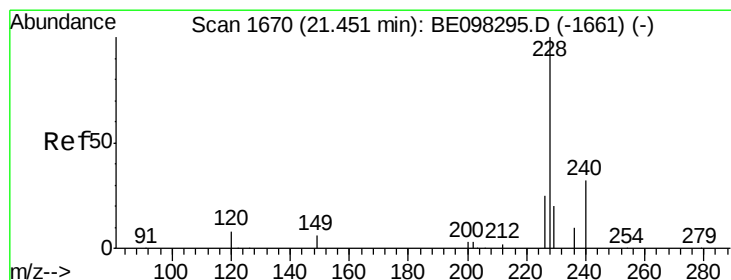
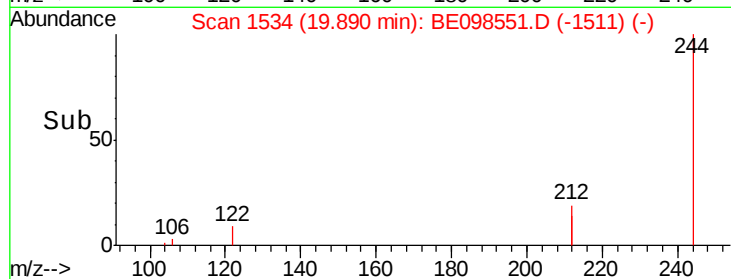
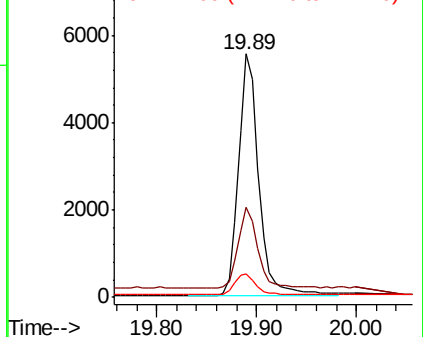
122 9.8 8.3 12.5



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: 0.416 ng

RT: 21.43 min Scan# 1668

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

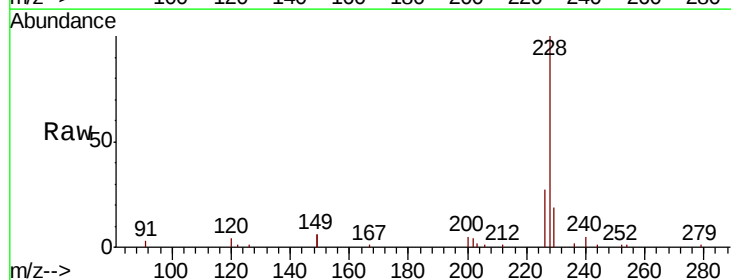
Tgt Ion:228 Resp: 11925

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

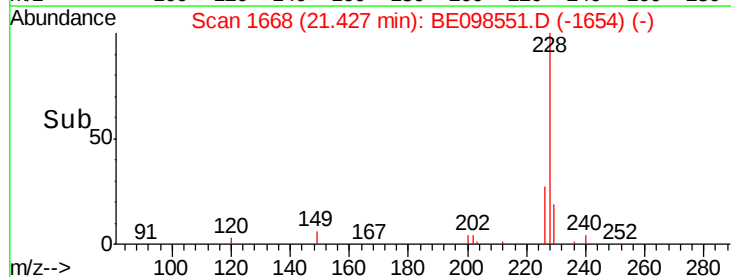
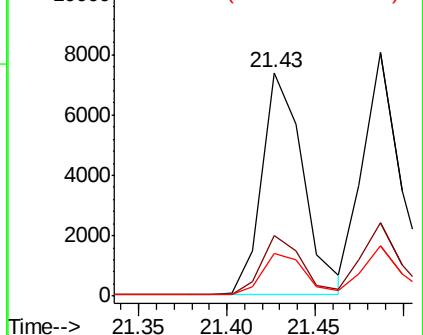
229 19.3 16.3 24.5



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: 0.388 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

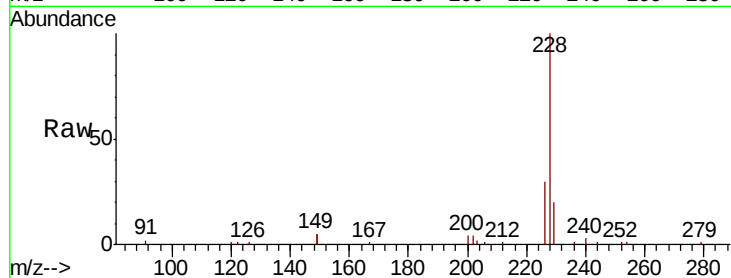
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 11640

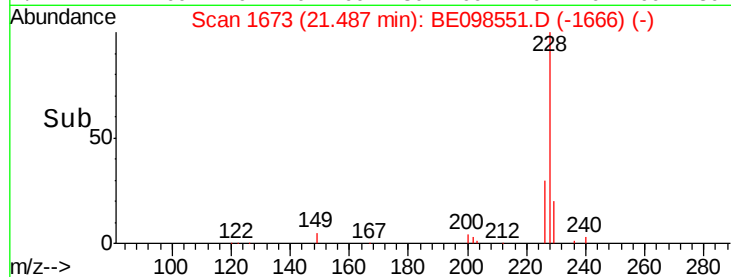
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	20.5	16.2	24.4



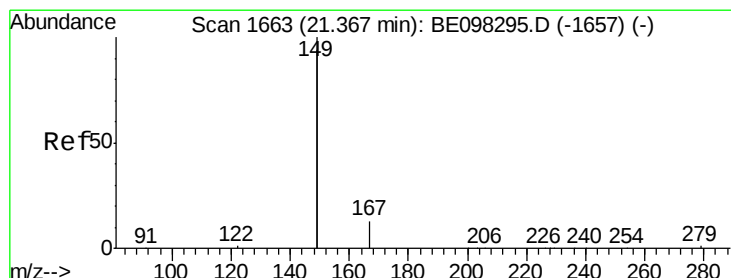
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.469 ng

RT: 21.35 min Scan# 1662

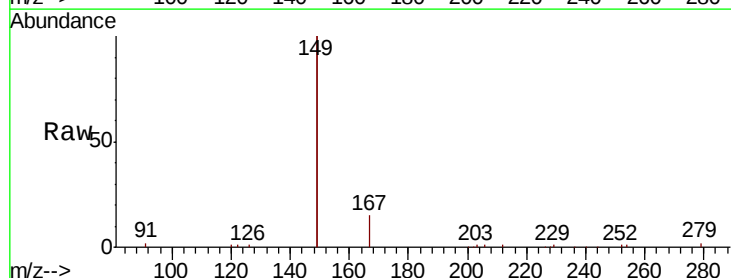
Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Tgt Ion:149 Resp: 27320

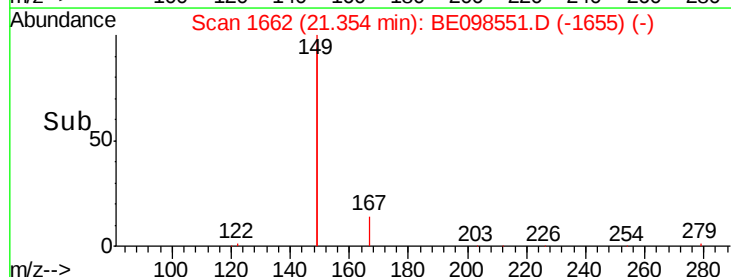
Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.7	8.5
279	1.1	1.0	1.4



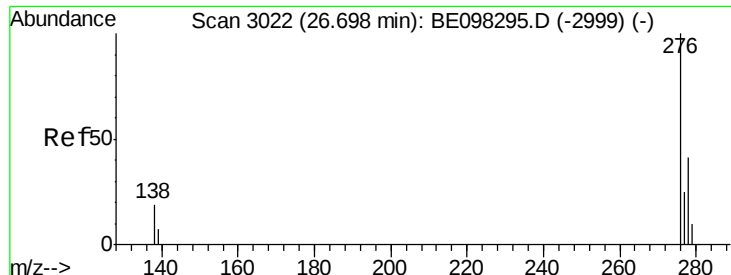
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



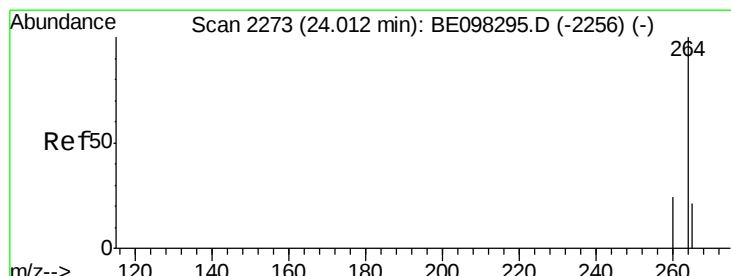
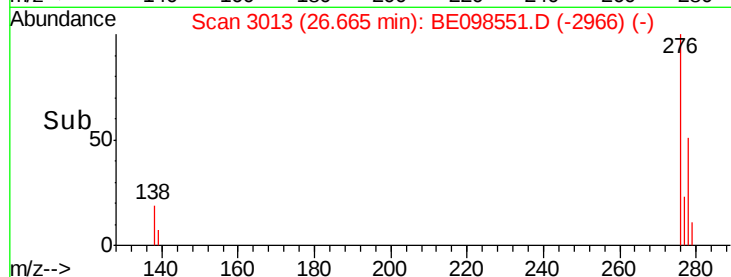
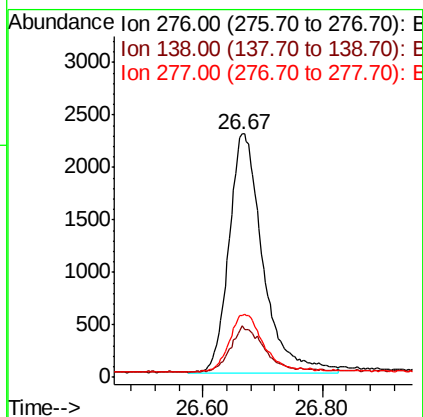
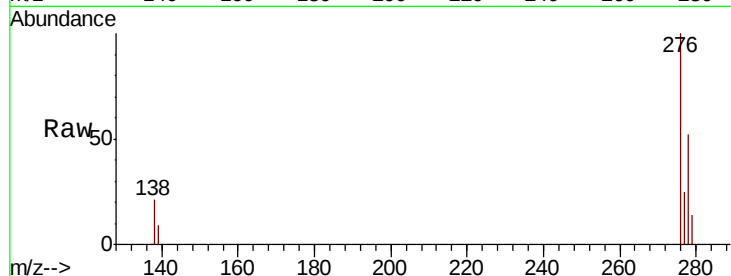
Time-->



#33
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng
RT: 26.67 min Scan# 3013
Delta R.T. -0.03 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

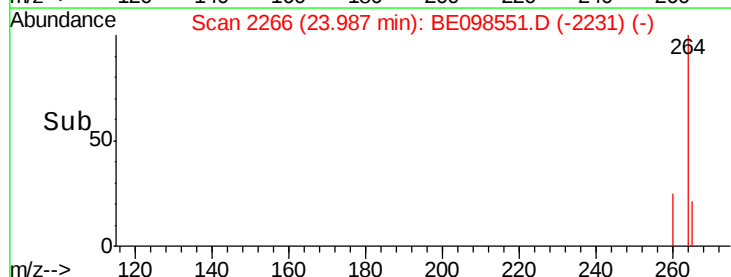
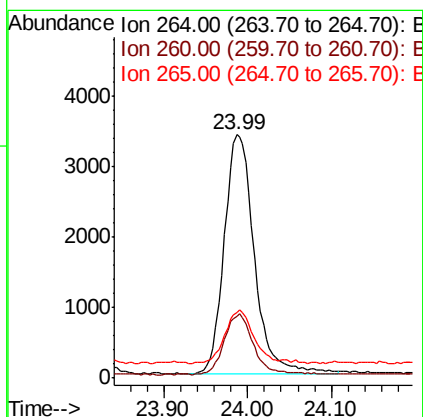
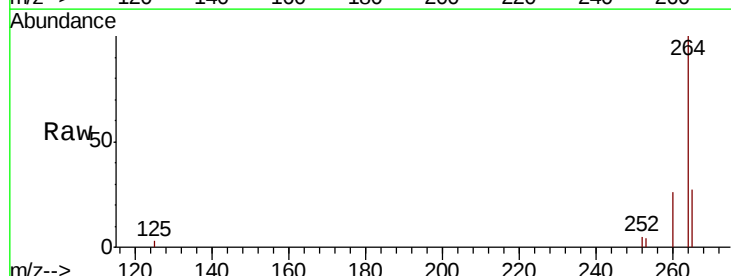
Instrument :
BNA_E
ClientSampleId :

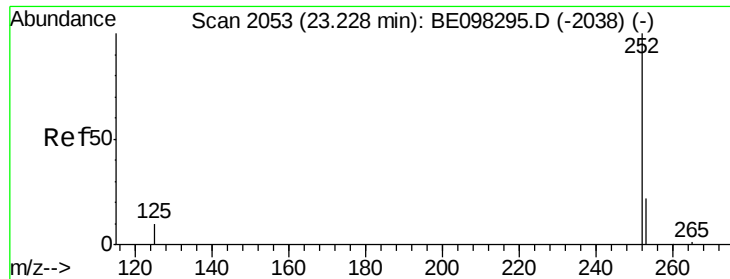
Tot Ion:276 Resp: 8942
Ion Ratio Lower Upper
276 100
138 18.3 16.3 24.5
277 24.0 20.2 30.4



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion:264 Resp: 8509
Ion Ratio Lower Upper
264 100
260 25.6 20.2 30.2
265 26.9 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 0.444 ng

RT: 23.21 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

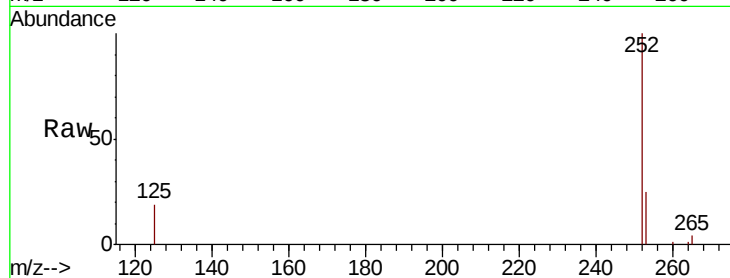
Tot Ion:252 Resp: 10328

Ion Ratio Lower Upper

252 100

253 25.0 20.0 30.0

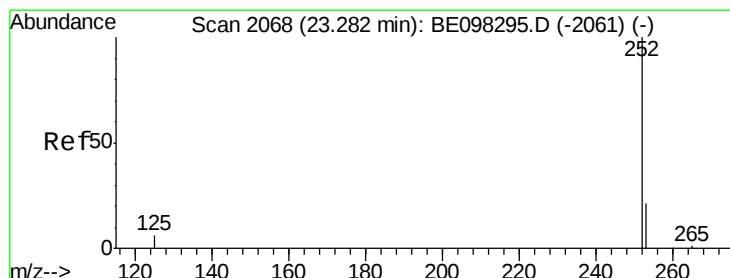
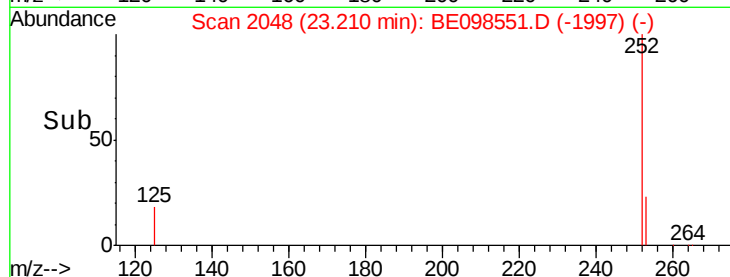
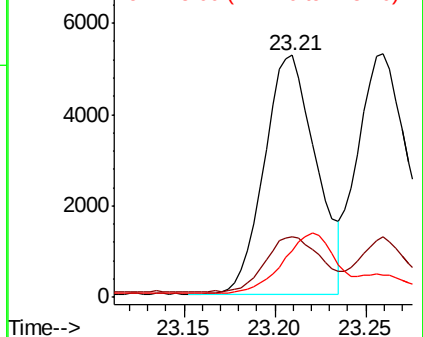
125 19.3 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.408 ng

RT: 23.26 min Scan# 2062

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

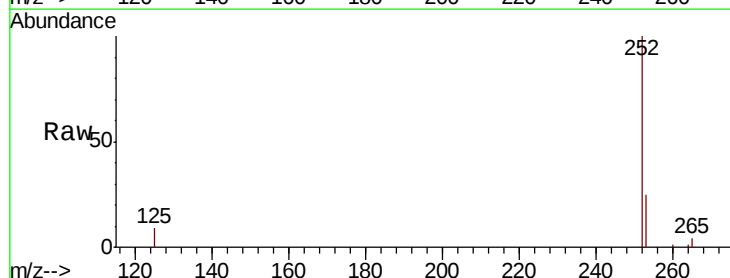
Tgt Ion:252 Resp: 11054

Ion Ratio Lower Upper

252 100

253 24.7 19.0 28.6

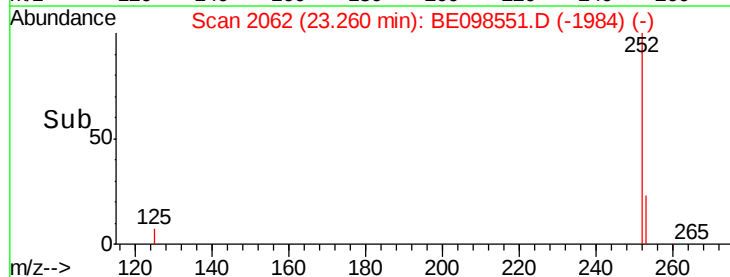
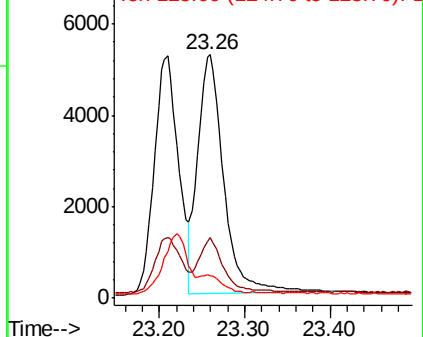
125 9.2 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.88 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

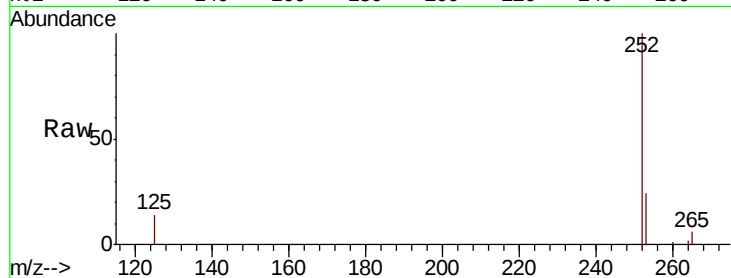
Tot Ion:252 Resp: 9556

Ion Ratio Lower Upper

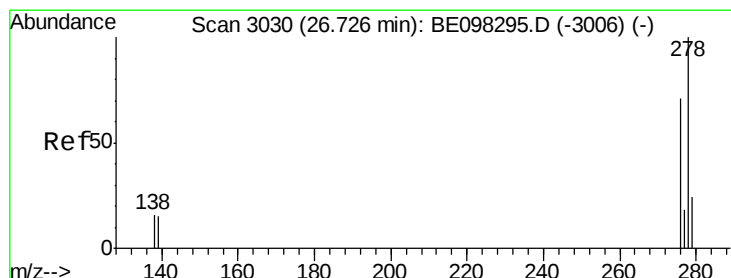
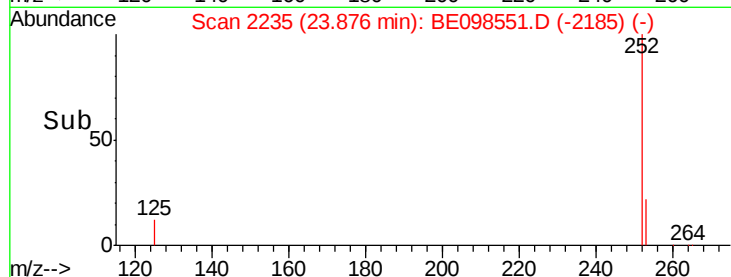
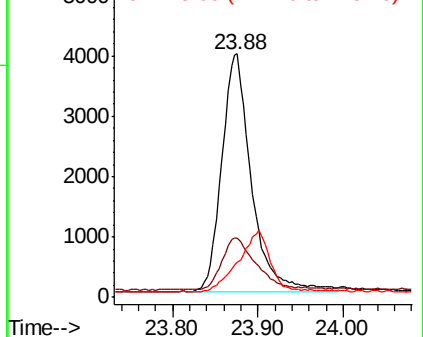
252 100

253 24.4 20.6 30.8

125 14.2 10.5 15.7



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



#38

Dibenzo(a,h)anthracene

Concen: 0.323 ng

RT: 26.69 min Scan# 3020

Delta R.T. -0.04 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

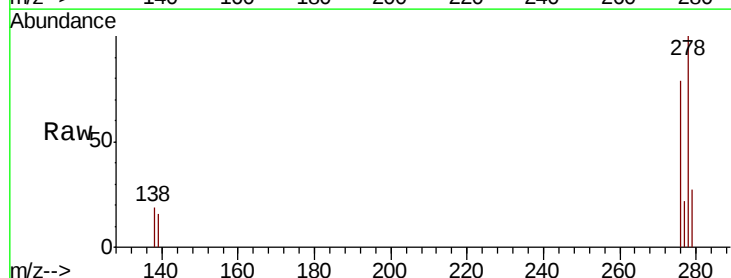
Tgt Ion:278 Resp: 7304

Ion Ratio Lower Upper

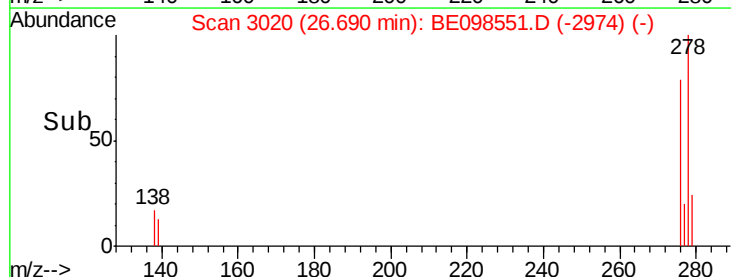
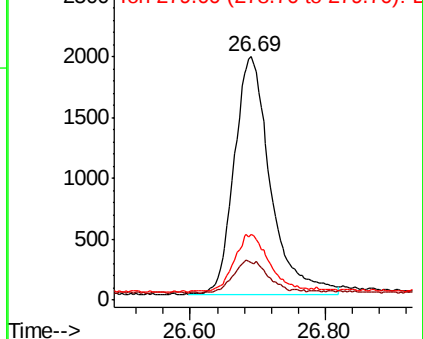
278 100

139 15.7 14.5 21.7

279 27.1 21.8 32.8



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: 0.327 ng

RT: 27.49 min Scan# 3244

Delta R.T. -0.03 min

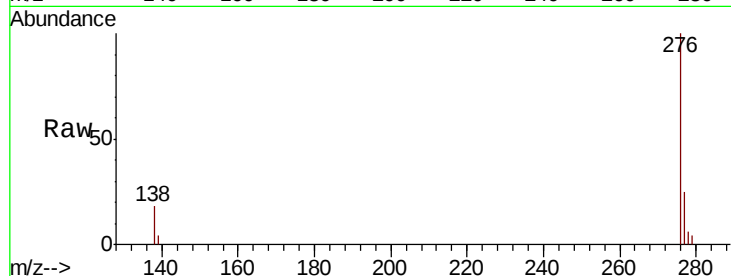
Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :



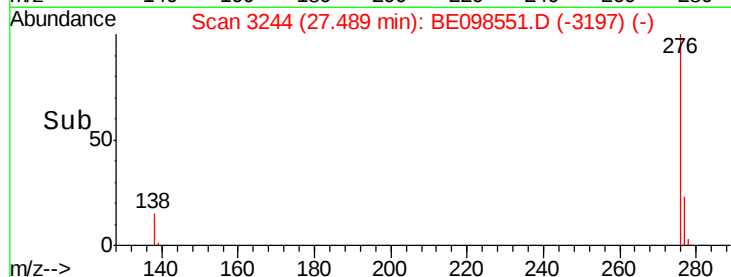
Tot Ion: 276 Resp: 7462

Ion Ratio Lower Upper

276 100

277 24.8 20.8 31.2

138 17.7 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

