

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
 Data File : BE098532.D
 Acq On : 20 Dec 2018 10:46
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 13:15:25 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	738	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3329	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2379	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	6868	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	9338	0.40	ng	-0.01
34) Perylene-d12	23.98	264	7993	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	833	0.48	ng	0.00
5) Phenol-d6	7.03	99	1213	0.50	ng	-0.01
8) Nitrobenzene-d5	9.02	82	1147	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2296	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	452	0.52	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	3745	0.37	ng	-0.01
25) Fluoranthene-d10	19.29	212	39979	0.45	ng	-0.02
29) Terphenyl-d14	19.89	244	8244	0.36	ng	-0.02

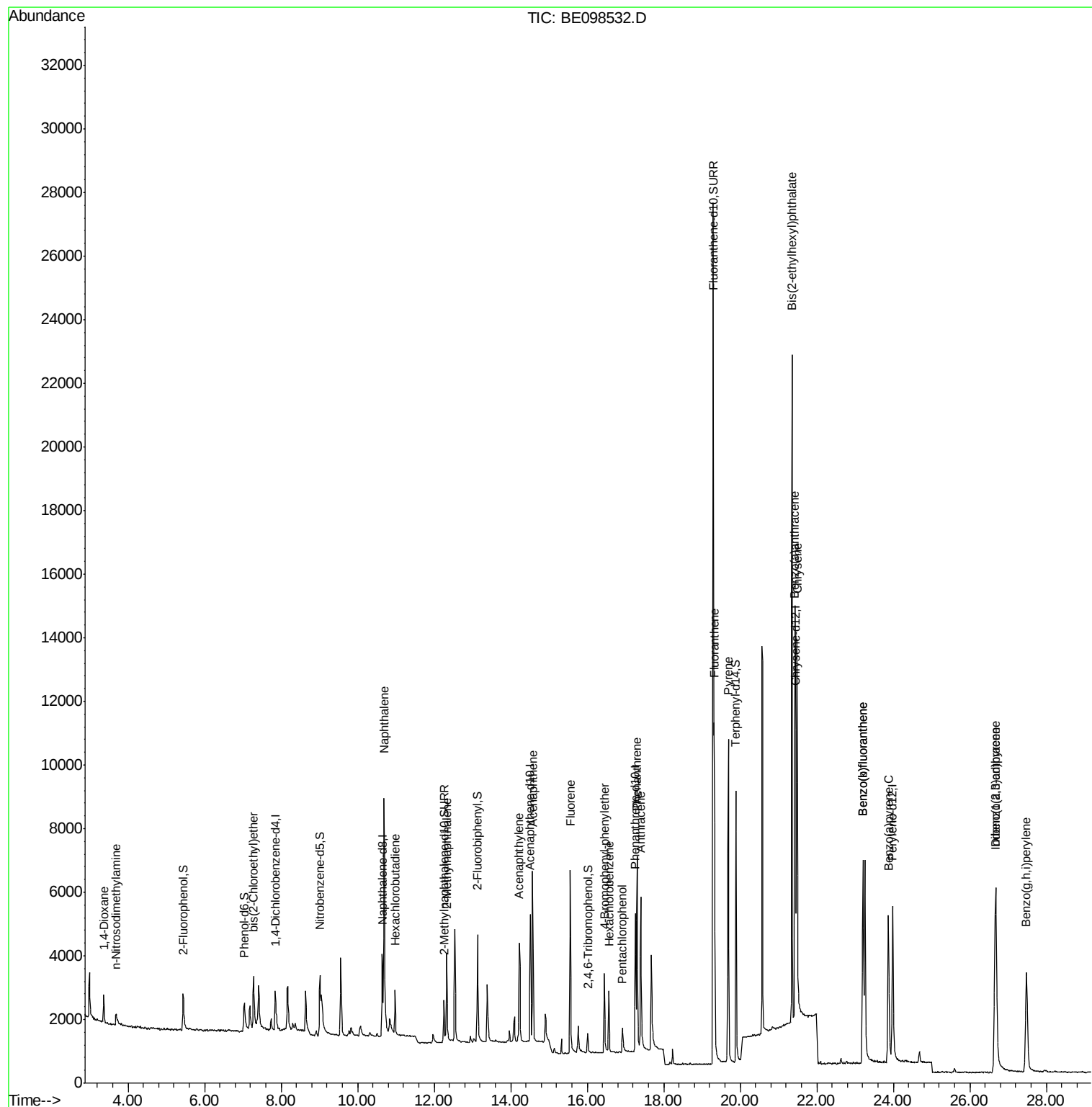
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	565	0.443	ng	96
3) n-Nitrosodimethylamine	3.68	42	445	0.387	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	881	0.379	ng	96
9) Naphthalene	10.69	128	13985	0.417	ng	99
10) Hexachlorobutadiene	10.98	225	928	0.435	ng	99
12) 2-Methylnaphthalene	12.32	142	2302	0.423	ng	98
16) Acenaphthylene	14.23	152	4138	0.371	ng	100
17) Acenaphthene	14.57	154	2751	0.411	ng	99
18) Fluorene	15.56	166	3759	0.420	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1462	0.395	ng	# 83
21) Hexachlorobenzene	16.57	284	1645	0.414	ng	96
22) Pentachlorophenol	16.92	266	538	0.750	ng	97
23) Phenanthrene	17.30	178	6925	0.415	ng	99
24) Anthracene	17.40	178	5735	0.385	ng	99
26) Fluoranthene	19.33	202	9738	0.441	ng	99
28) Pyrene	19.69	202	10263	0.350	ng	100
30) Benzo(a)anthracene	21.43	228	11016	0.414	ng	98
31) Chrysene	21.49	228	11023	0.396	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	25496	0.472	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	9420	0.340	ng	99
35) Benzo(b)fluoranthene	23.20	252	9388	0.429	ng	96
36) Benzo(k)fluoranthene	23.20	252	9388	0.369	ng	99
37) Benzo(a)pyrene	23.87	252	8924	0.396	ng	97
38) Dibenzo(a,h)anthracene	26.68	278	7800	0.367	ng	97
39) Benzo(g,h,i)perylene	27.48	276	8229	0.384	ng	97

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

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ClientSampled :

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
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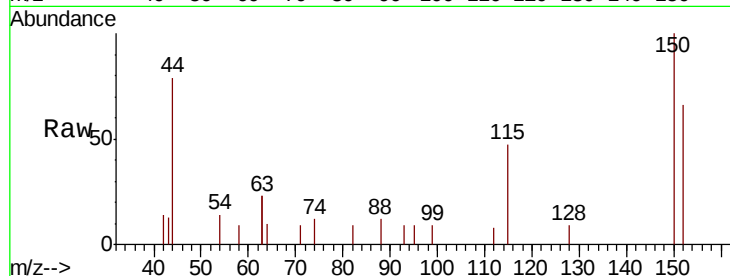


#1

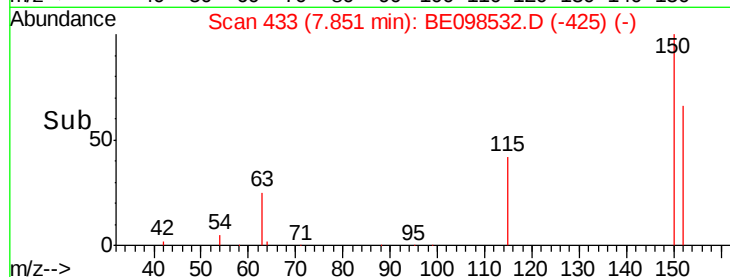
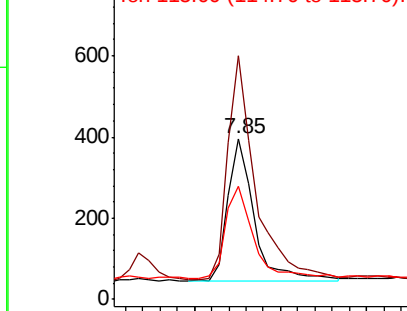
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 738
Ion Ratio Lower Upper
152 100
150 151.5 124.2 186.4
115 70.7 53.9 80.9



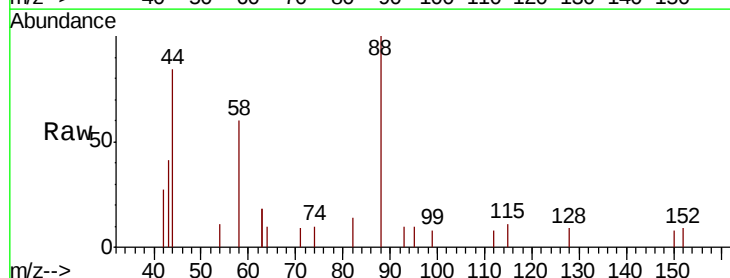
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



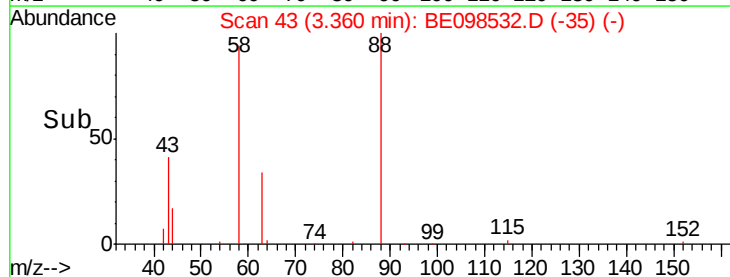
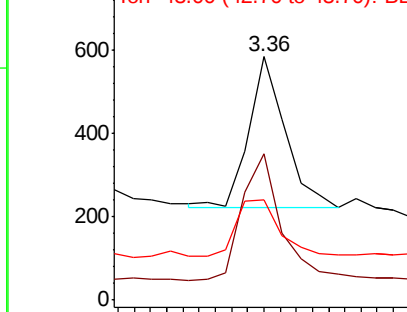
#2

1,4-Dioxane
Concen: 0.443 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Tgt Ion: 88 Resp: 565
Ion Ratio Lower Upper
88 100
58 90.3 75.0 112.6
43 44.6 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



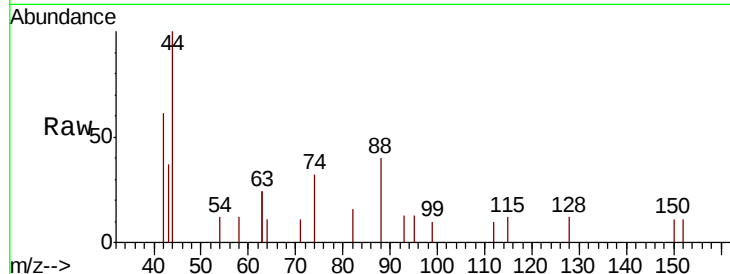


#3

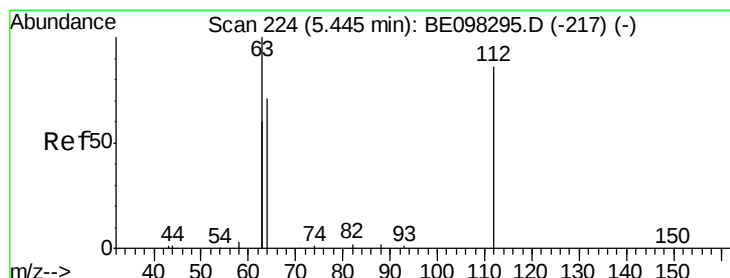
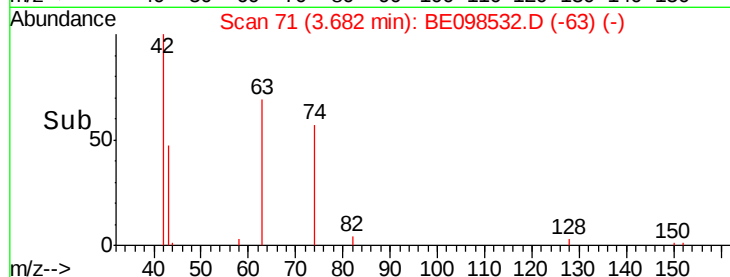
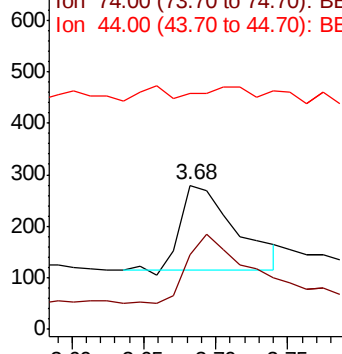
n-Nitrosodimethylamine
Concen: 0.387 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Instrument :
BNA_E
ClientSampled :

Tot Ion: 42 Resp: 445
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 0.0 0.0



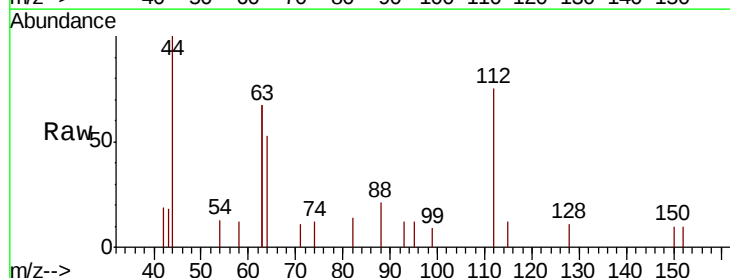
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



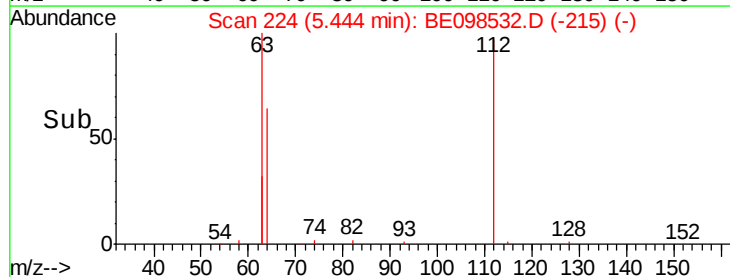
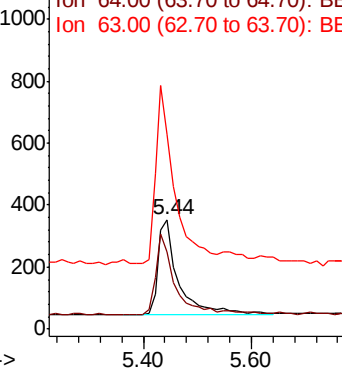
#4

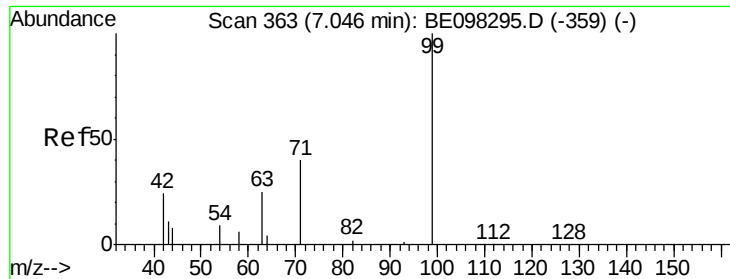
2-Fluorophenol
Concen: 0.482 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Tgt Ion: 112 Resp: 833
Ion Ratio Lower Upper
112 100
64 78.8 59.8 89.8
63 166.7 133.7 200.5



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: 0.496 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

ClientSampleId :

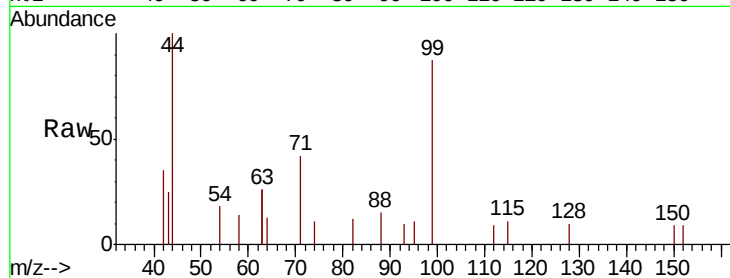
Tot Ion: 99 Resp: 1213

Ion Ratio Lower Upper

99 100

42 28.7 26.3 39.5

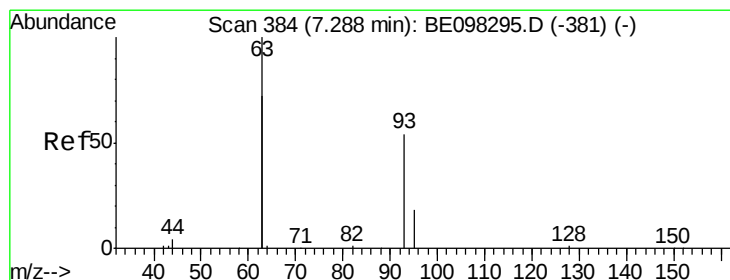
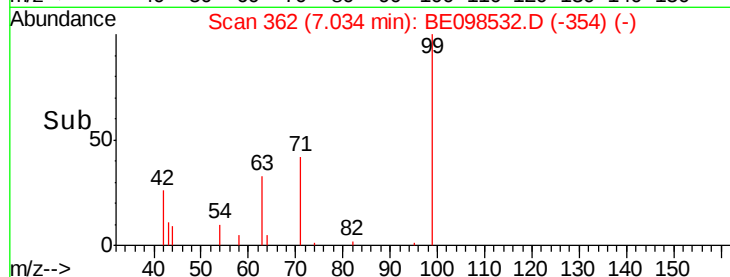
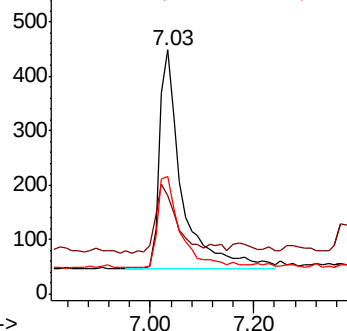
71 40.8 33.6 50.4



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: 0.379 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

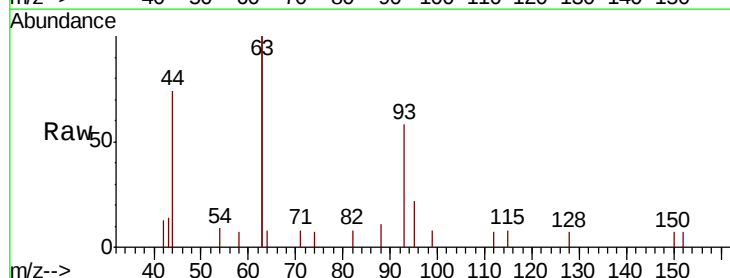
Tgt Ion: 93 Resp: 881

Ion Ratio Lower Upper

93 100

63 339.4 264.4 396.6

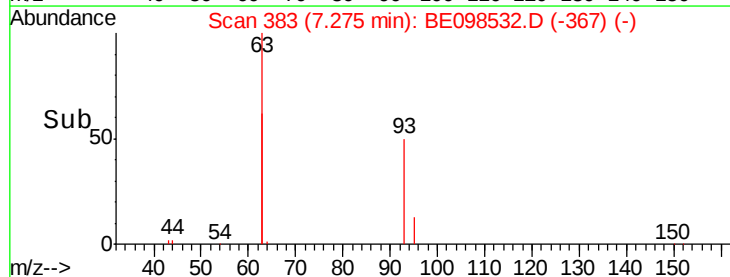
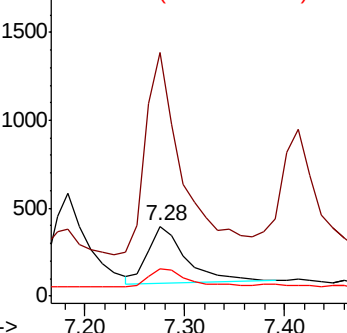
95 30.9 26.6 40.0



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: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3329

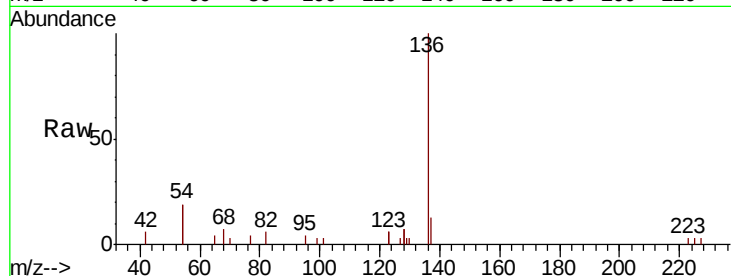
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 37.5 28.4 42.6

68 6.8 5.4 8.0

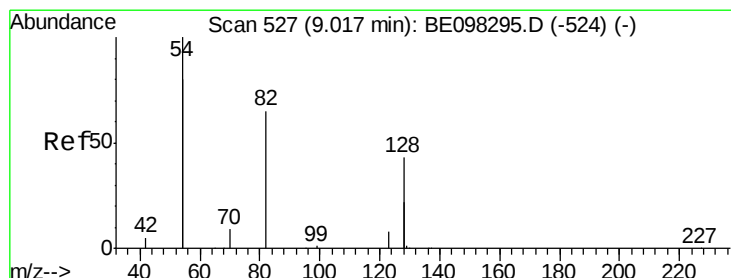
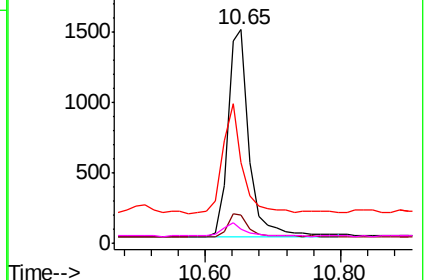
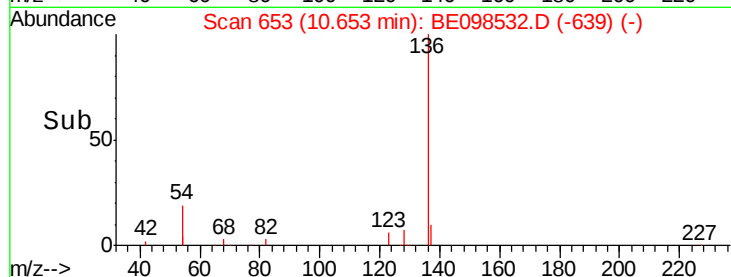


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

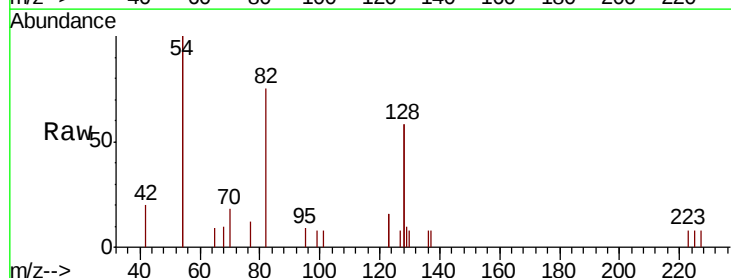
Tgt Ion: 82 Resp: 1147

Ion Ratio Lower Upper

82 100

128 155.6 102.4 153.6#

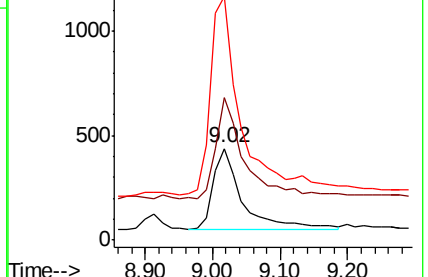
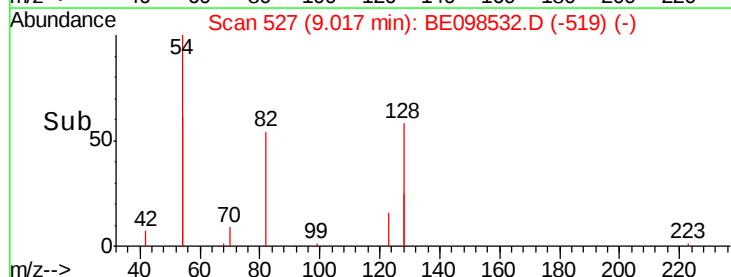
54 266.4 221.8 332.8

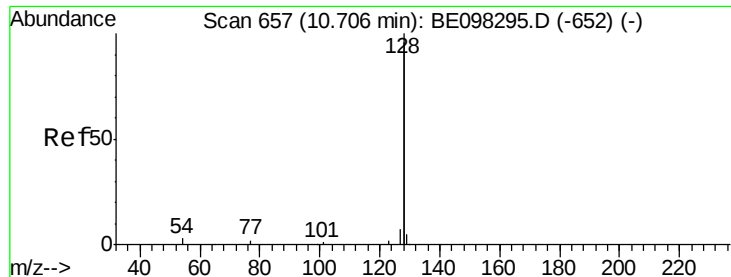


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.417 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

ClientSampleId :

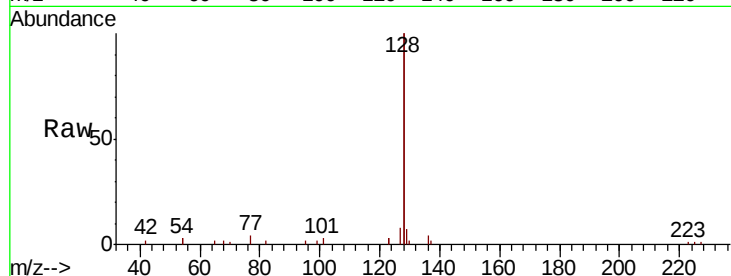
Tot Ion:128 Resp: 13985

Ion Ratio Lower Upper

128 100

129 3.5 2.5 3.7

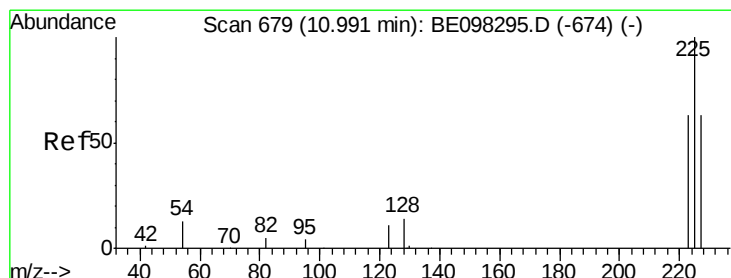
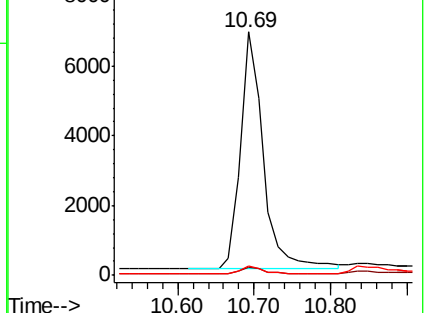
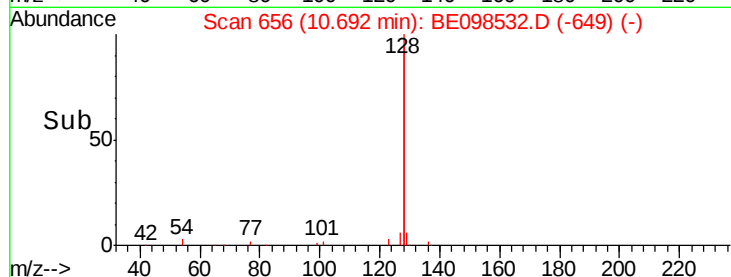
127 3.8 2.7 4.1



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: 0.435 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

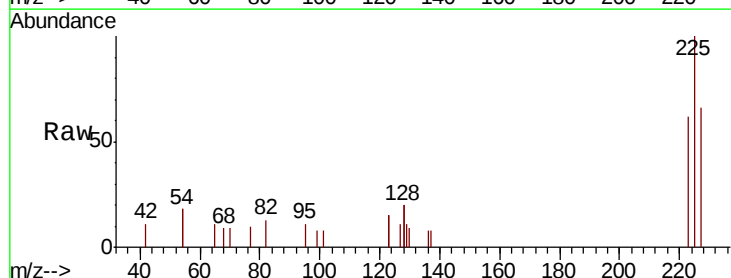
Tgt Ion:225 Resp: 928

Ion Ratio Lower Upper

225 100

223 62.3 49.4 74.0

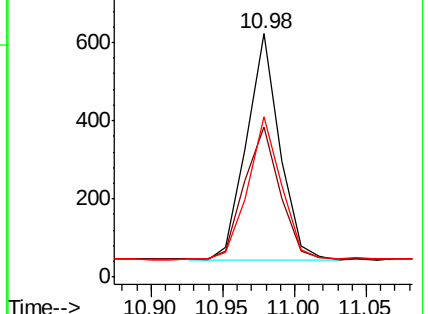
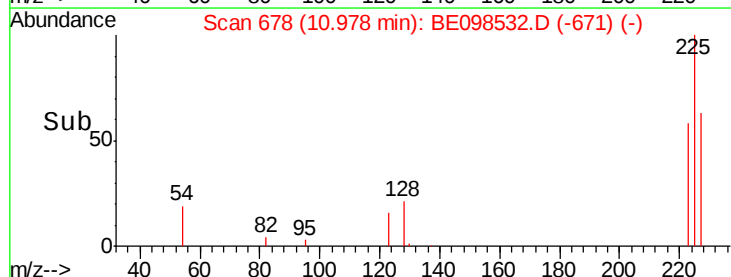
227 64.3 52.0 78.0



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: 0.424 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

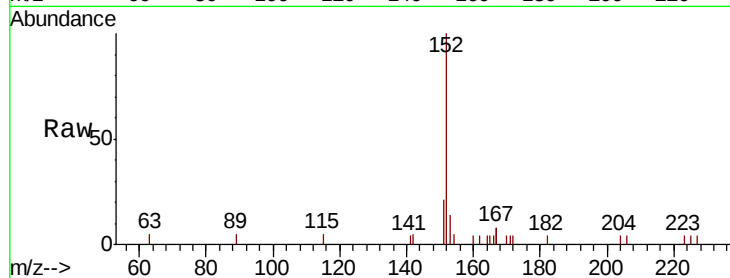
ClientSampleId :

Tot Ion:152 Resp: 2296

Ion Ratio Lower Upper

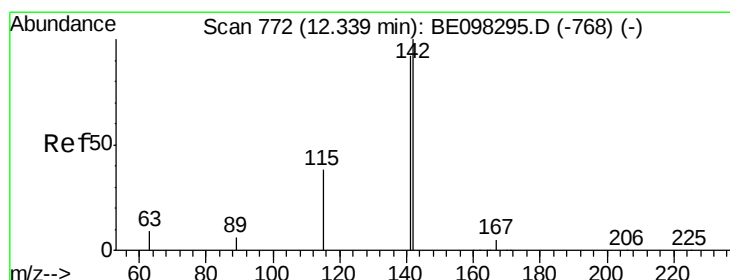
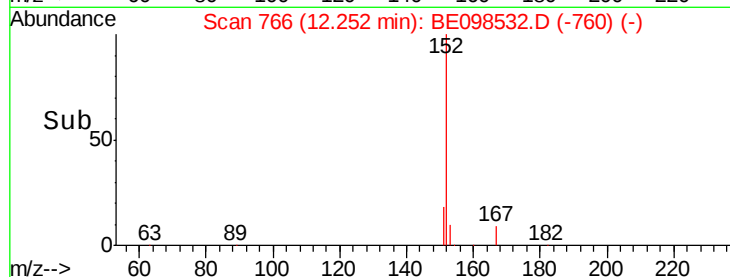
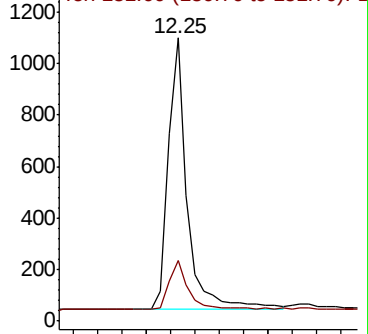
152 100

151 18.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.423 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

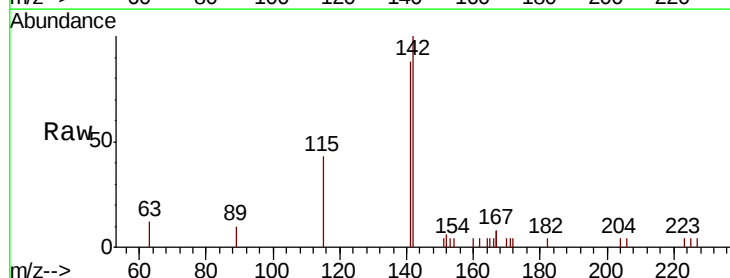
Tgt Ion:142 Resp: 2302

Ion Ratio Lower Upper

142 100

141 87.5 71.0 106.6

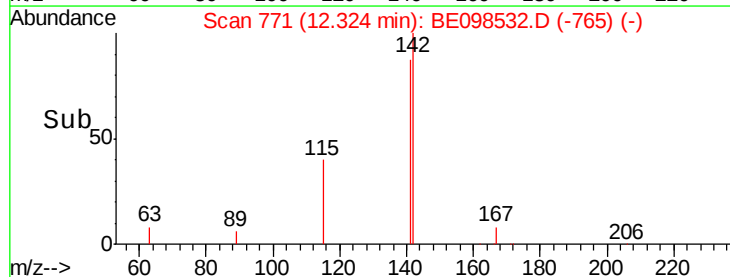
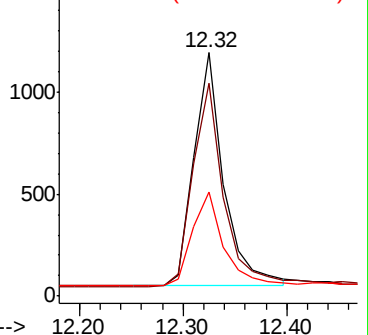
115 42.5 32.2 48.2

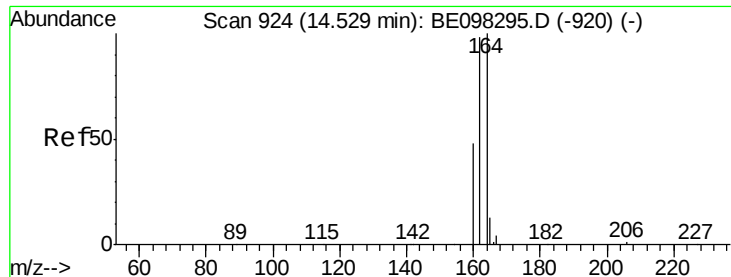


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

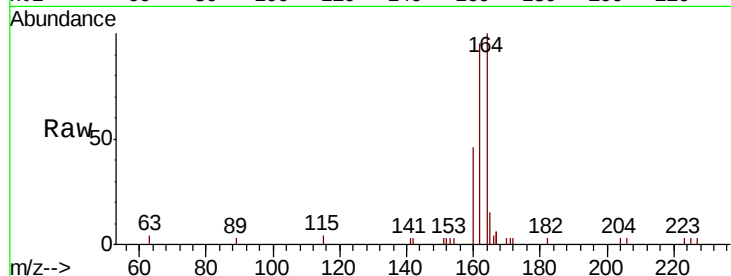




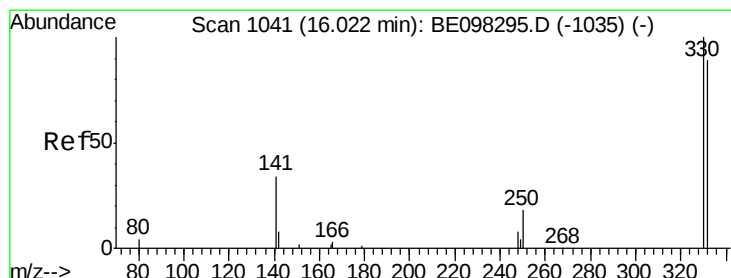
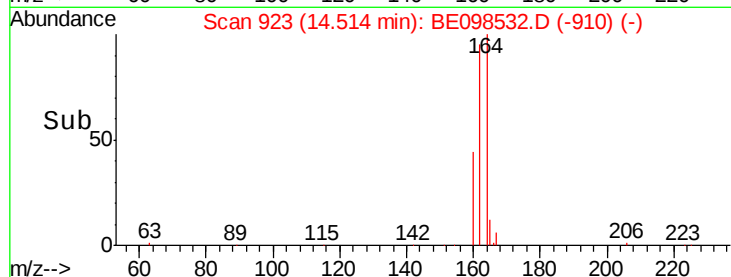
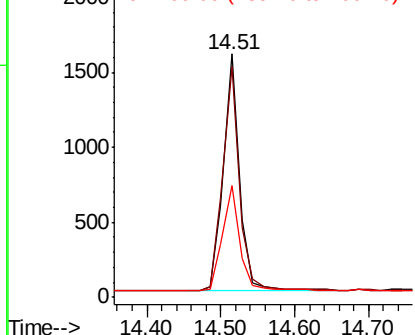
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2379
Ion Ratio Lower Upper
164 100
162 95.0 77.6 116.4
160 45.7 36.0 54.0

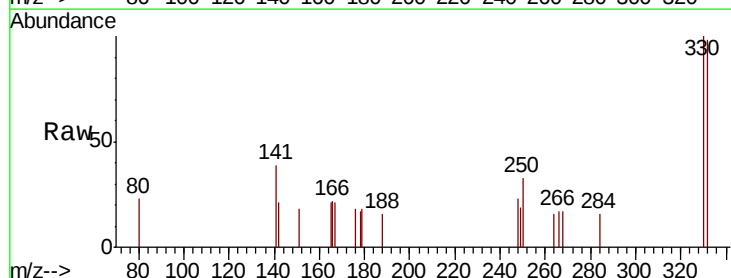


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

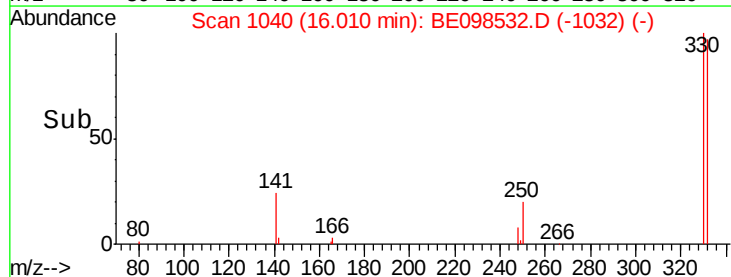
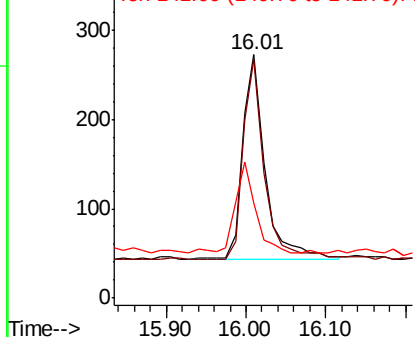


#14
2,4,6-Tribromophenol
Concen: 0.518 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Tgt Ion:330 Resp: 452
Ion Ratio Lower Upper
330 100
332 91.8 76.2 114.4
141 39.4 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

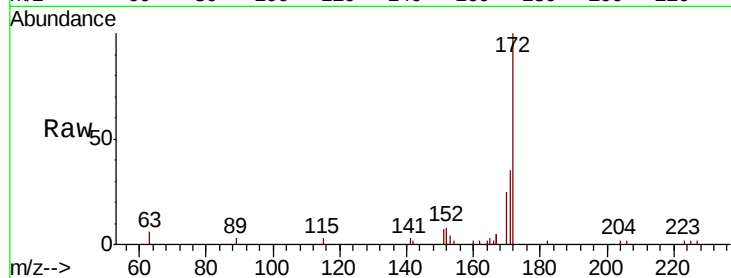




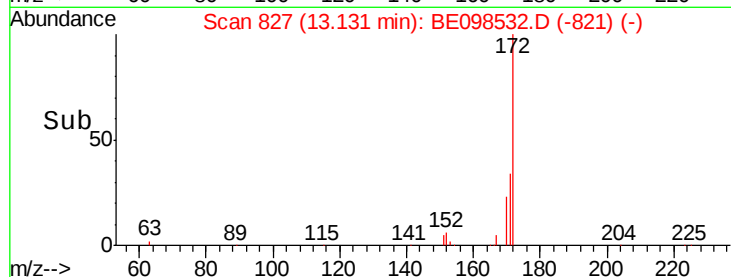
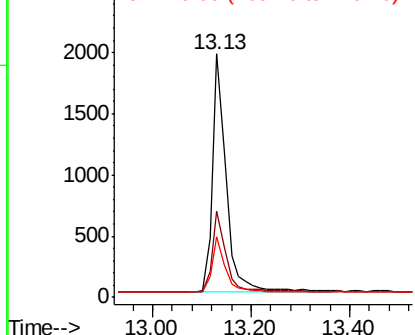
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 3745
Ion Ratio Lower Upper
172 100
171 35.3 27.5 41.3
170 24.6 19.6 29.4

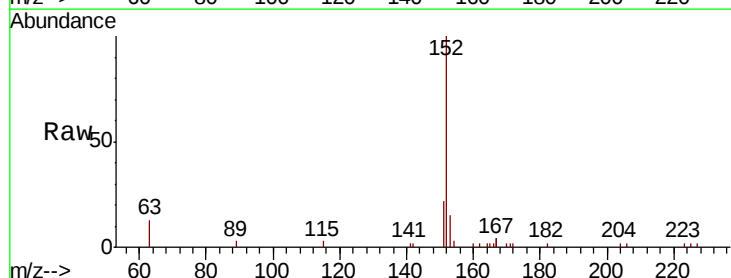


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

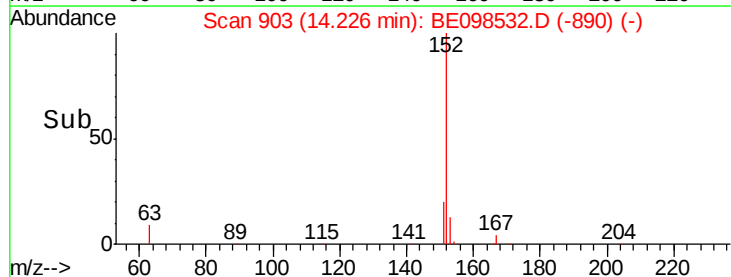
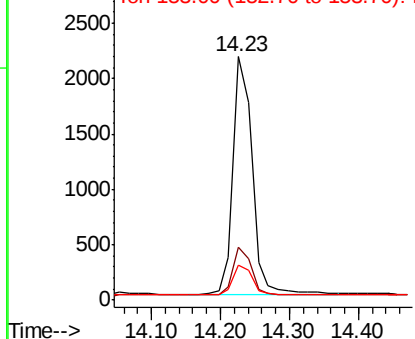


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Tgt Ion:152 Resp: 4138
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 13.2 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: 0.411 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

ClientSampled :

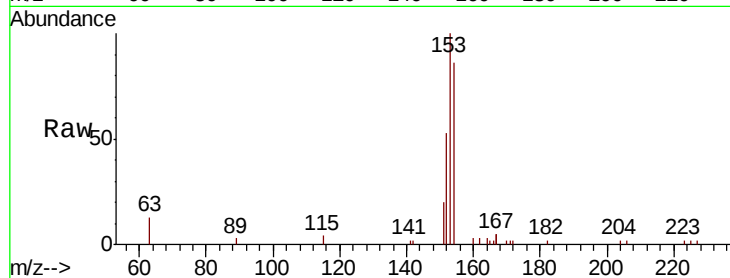
Tot Ion:154 Resp: 2751

Ion Ratio Lower Upper

154 100

153 115.1 91.8 137.6

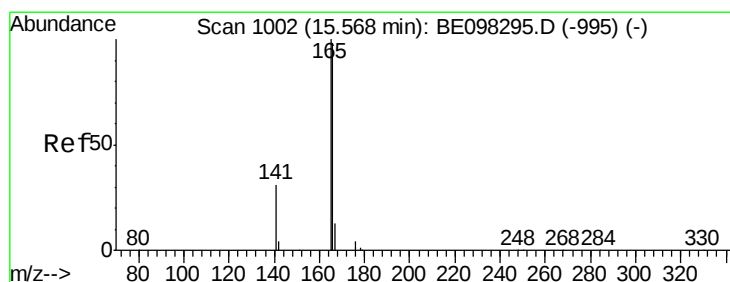
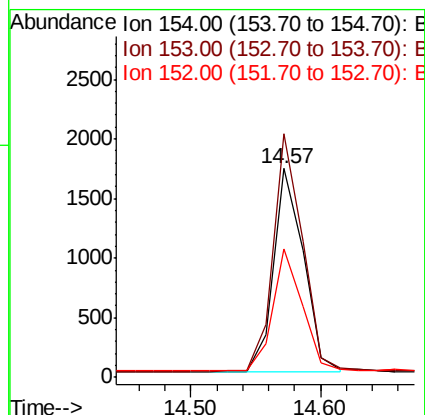
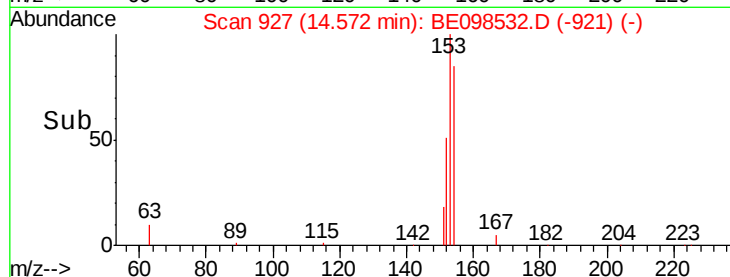
152 59.0 45.5 68.3



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: 0.420 ng

RT: 15.56 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

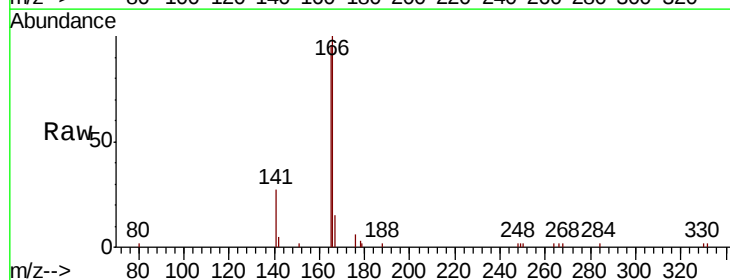
Tgt Ion:166 Resp: 3759

Ion Ratio Lower Upper

166 100

165 99.8 79.3 118.9

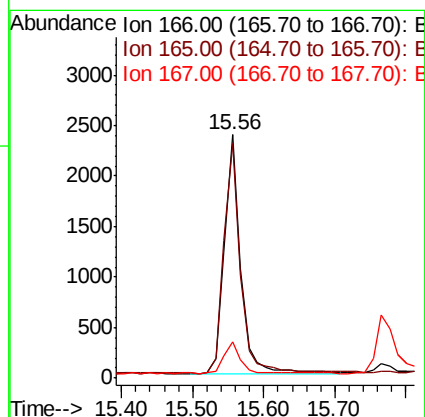
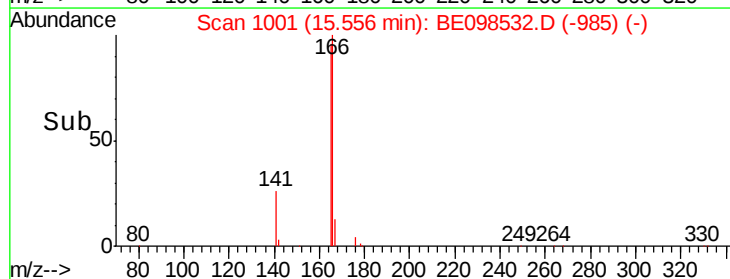
167 14.1 11.3 16.9



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: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

ClientSampled :

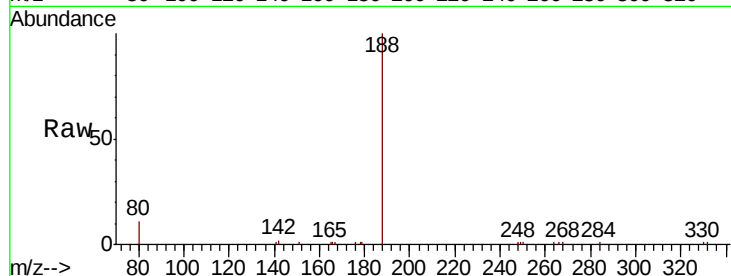
Tot Ion:188 Resp: 6868

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

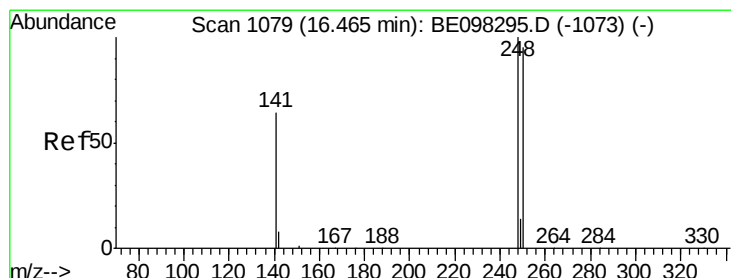
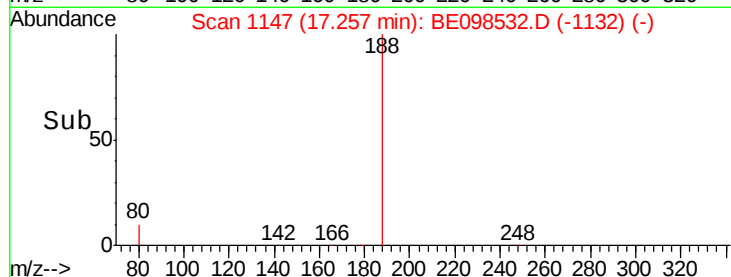
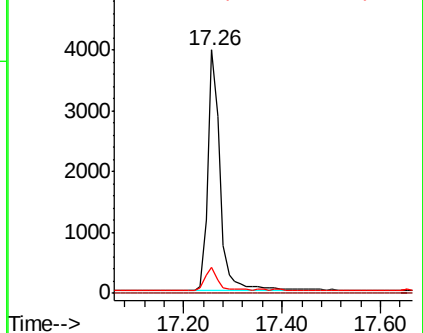
80 10.8 7.2 10.8



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: 0.395 ng

RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

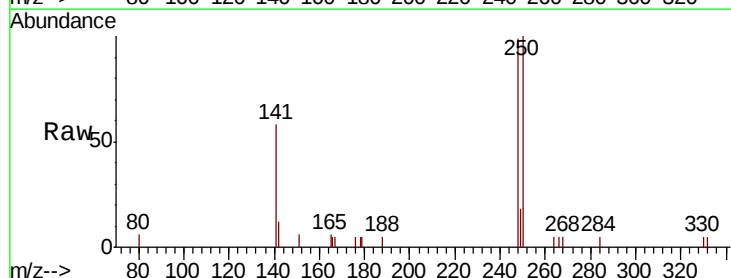
Tgt Ion:248 Resp: 1462

Ion Ratio Lower Upper

248 100

250 100.7 71.0 106.6

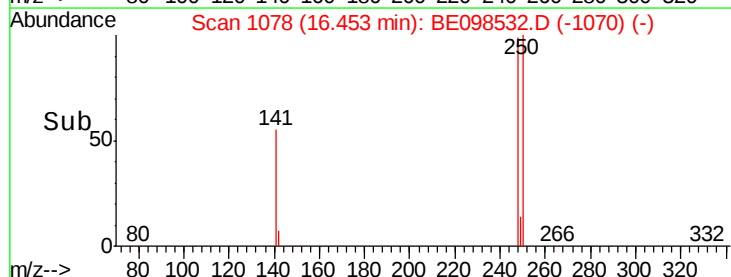
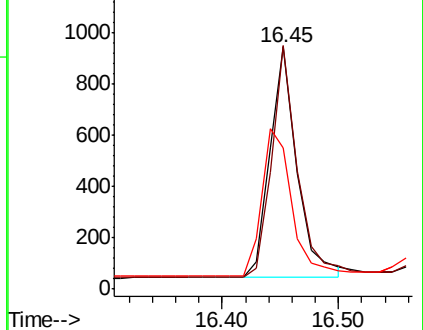
141 58.2 62.1 93.1#



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: 0.414 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

ClientSampled :

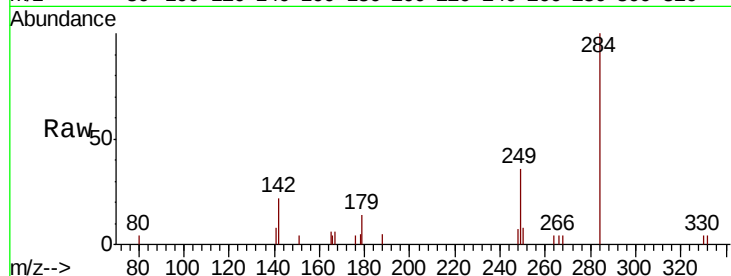
Tot Ion:284 Resp: 1645

Ion Ratio Lower Upper

284 100

142 34.5 26.3 39.5

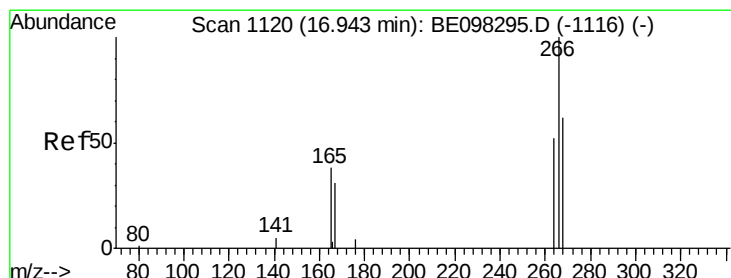
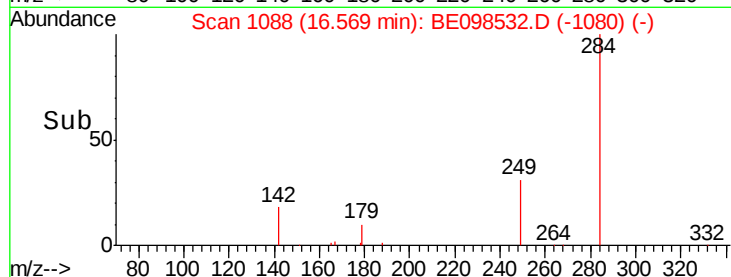
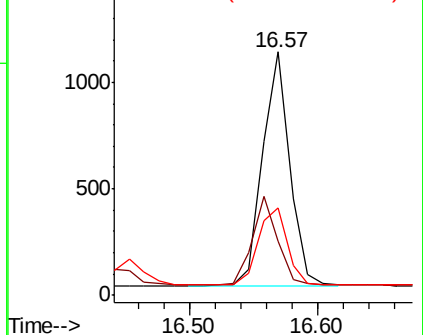
249 34.8 26.0 39.0



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: 0.750 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

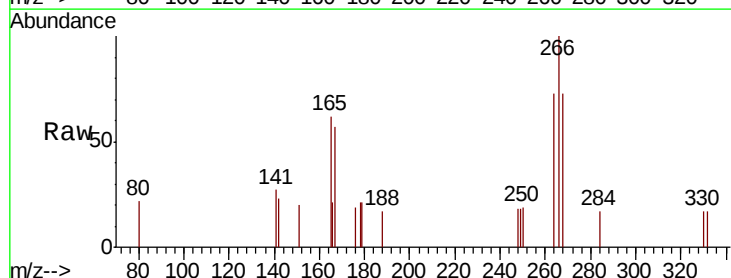
Tgt Ion:266 Resp: 538

Ion Ratio Lower Upper

266 100

264 72.6 59.0 88.4

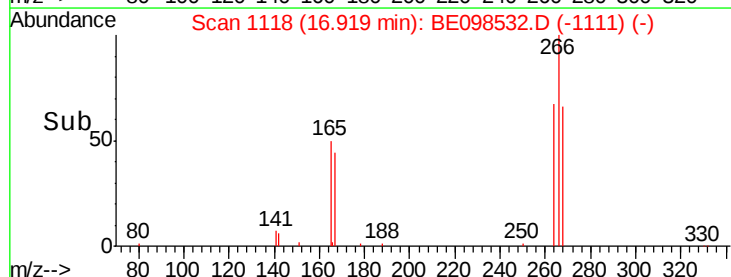
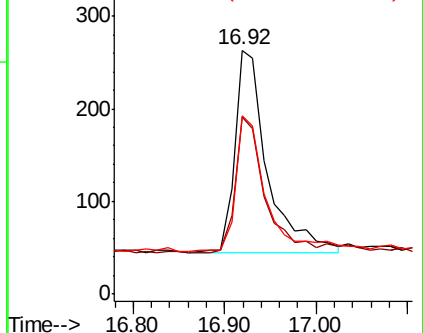
268 73.4 55.1 82.7



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.415 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

ClientSampleId :

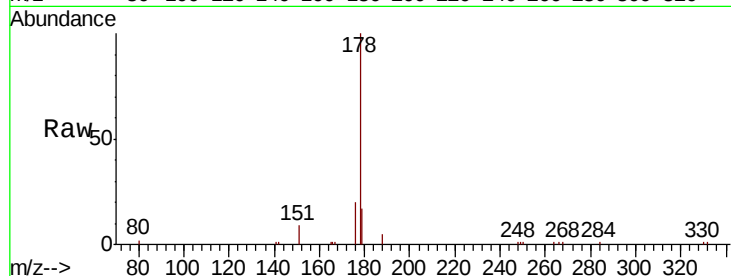
Tot Ion:178 Resp: 6925

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

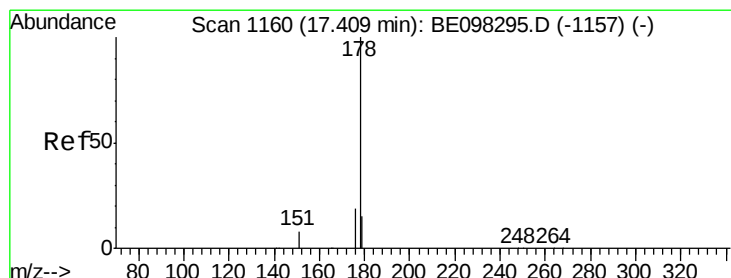
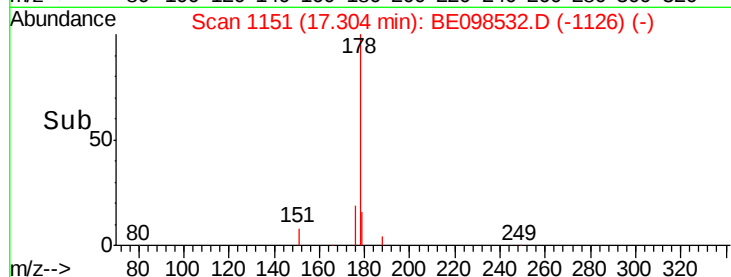
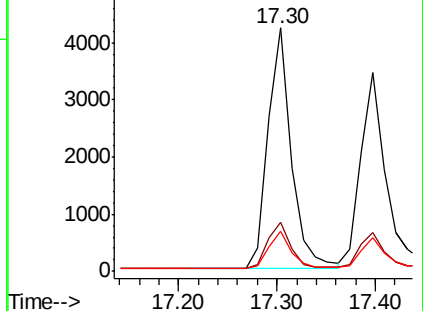
179 15.0 12.3 18.5



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: 0.385 ng

RT: 17.40 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

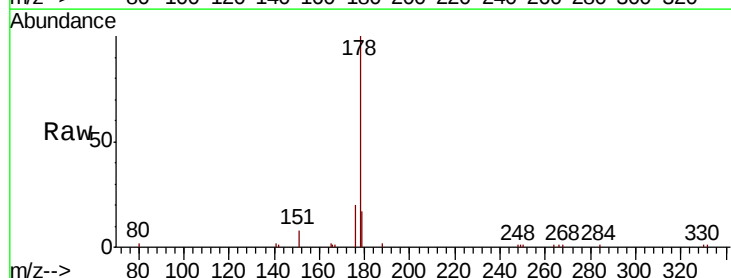
Tgt Ion:178 Resp: 5735

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

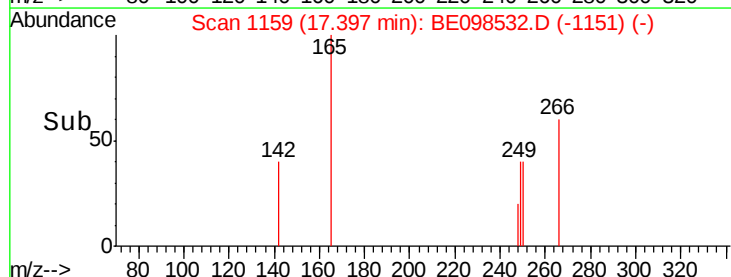
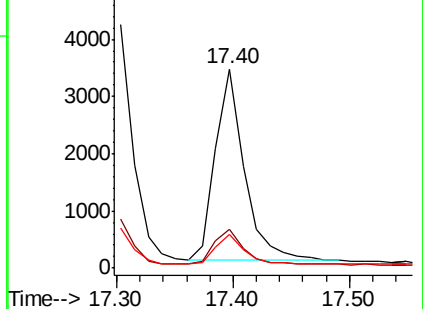
179 16.2 12.3 18.5



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

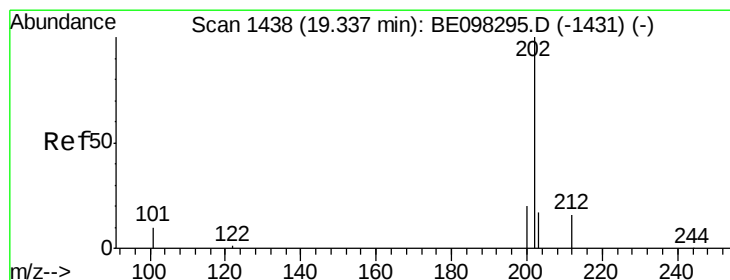
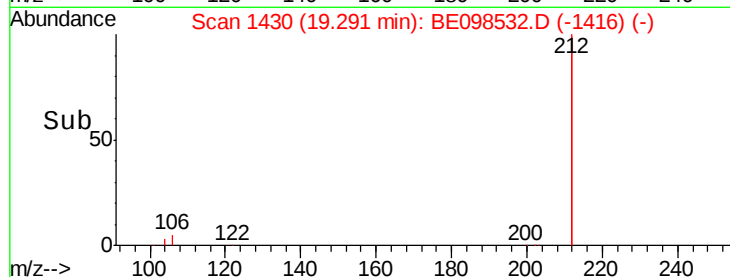
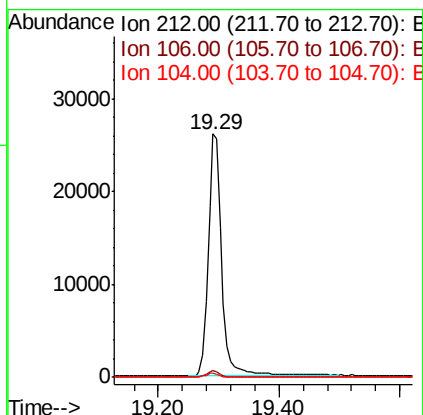
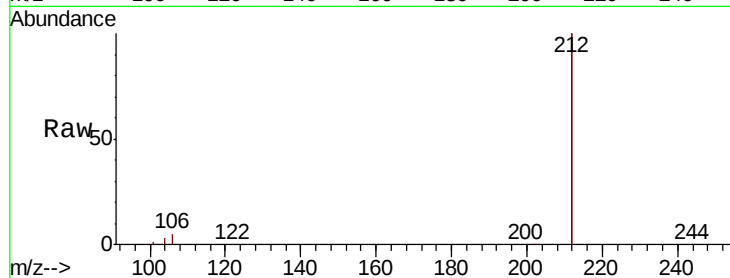




#25
 Fluoranthene-d10
 Concen: 0.454 ng
 RT: 19.29 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BE098532.D
 Acq: 20 Dec 2018 10:46

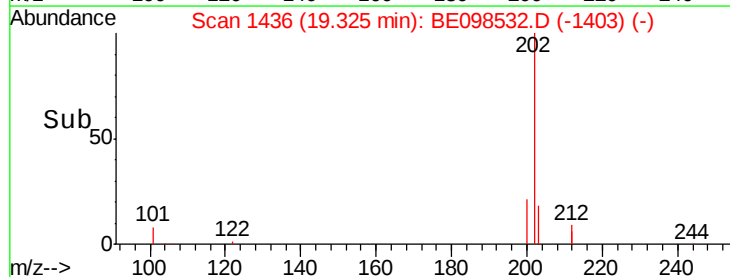
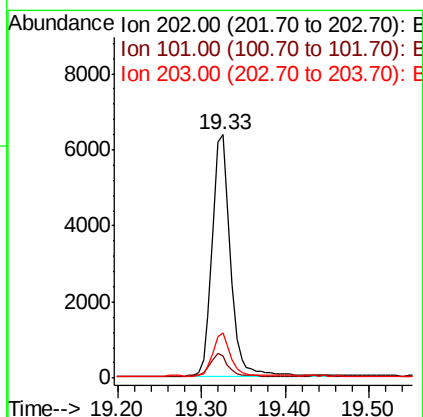
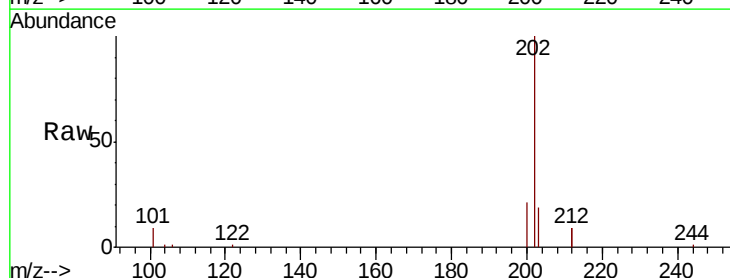
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 39979
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.2 3.2
 104 1.3 1.3 1.9



#26
 Fluoranthene
 Concen: 0.441 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE098532.D
 Acq: 20 Dec 2018 10:46

Tgt Ion:202 Resp: 9738
 Ion Ratio Lower Upper
 202 100
 101 9.0 8.0 12.0
 203 17.1 13.8 20.6

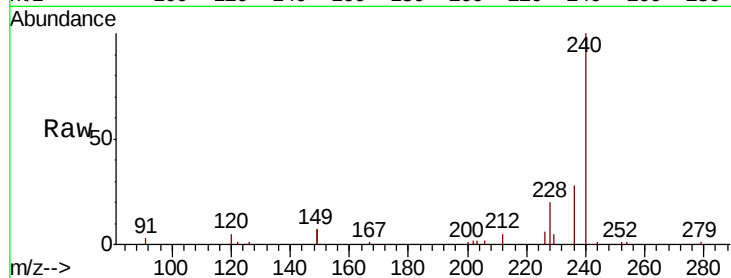




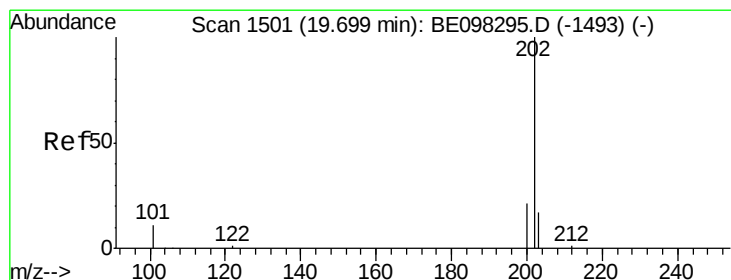
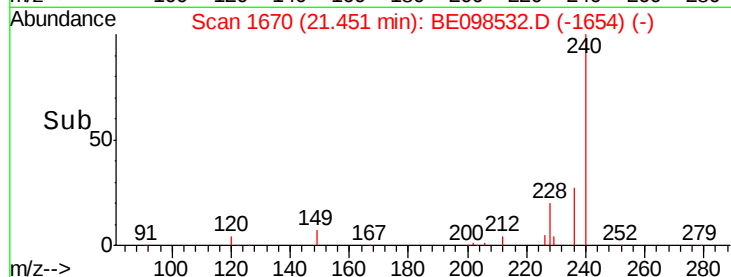
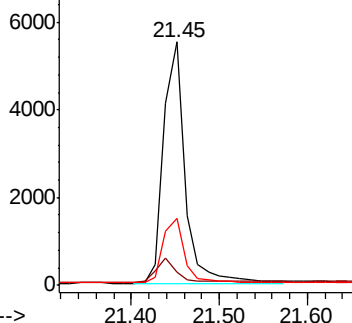
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 9338
Ion Ratio Lower Upper
240 100
120 5.2 9.5 14.3#
236 27.5 22.7 34.1

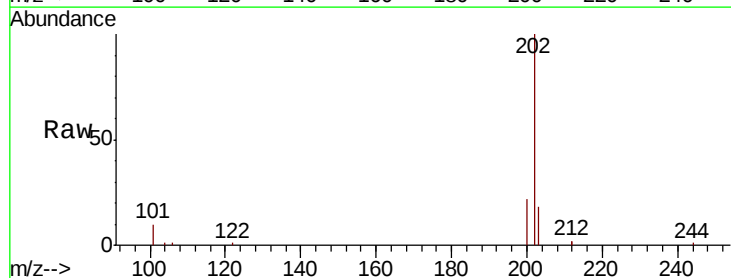


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

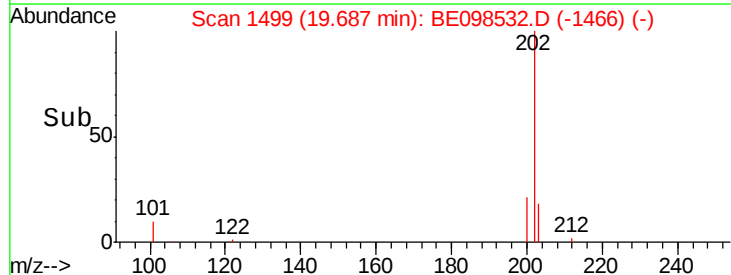
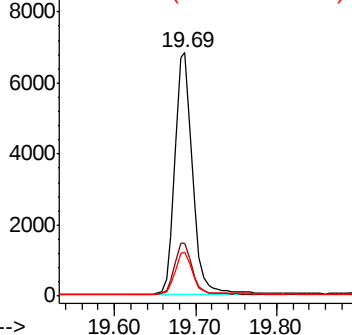


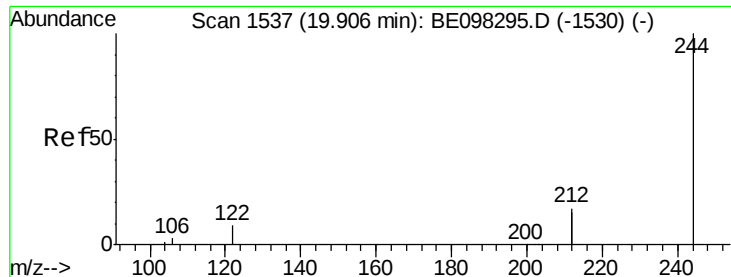
#28
Pyrene
Concen: 0.350 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Tgt Ion:202 Resp: 10263
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.6 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: 0.363 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

ClientSampleId :

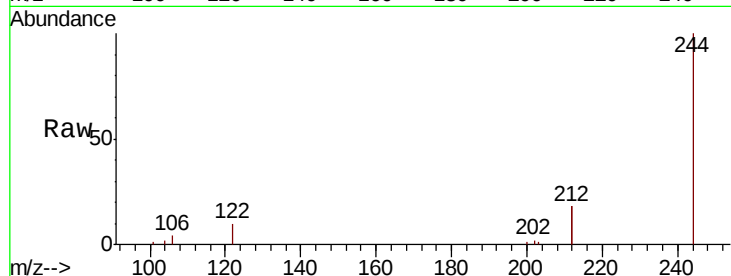
Tot Ion:244 Resp: 8244

Ion Ratio Lower Upper

244 100

212 36.9 27.4 41.0

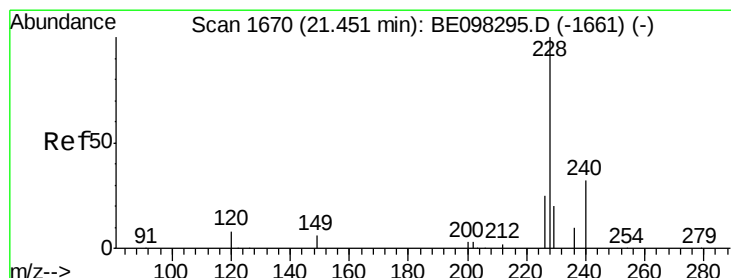
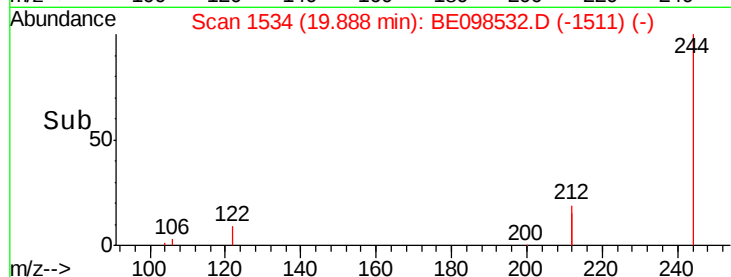
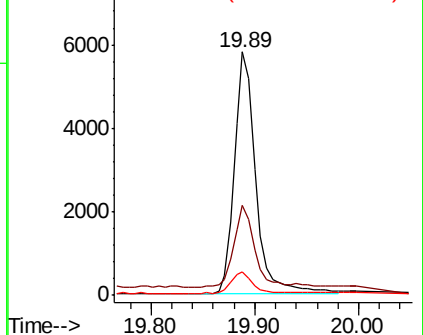
122 9.6 8.3 12.5



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: 0.414 ng

RT: 21.43 min Scan# 1668

Delta R.T. -0.02 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

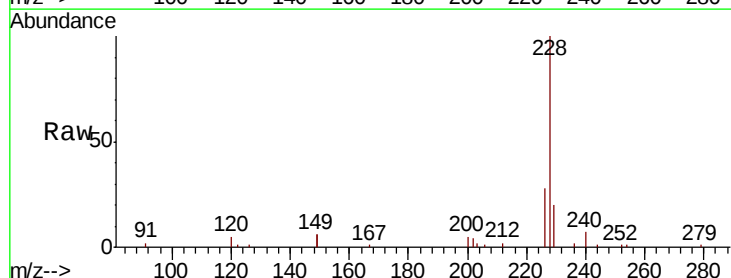
Tgt Ion:228 Resp: 11016

Ion Ratio Lower Upper

228 100

226 28.4 21.8 32.8

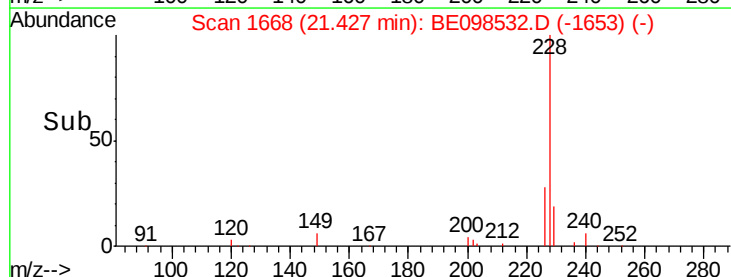
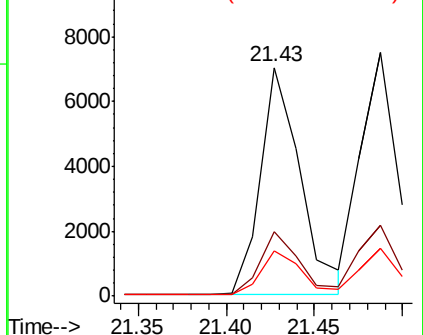
229 20.0 16.3 24.5

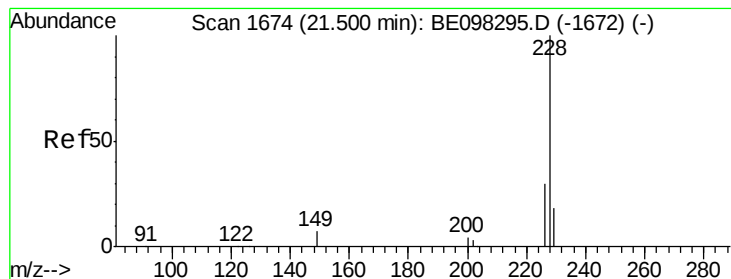


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.396 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

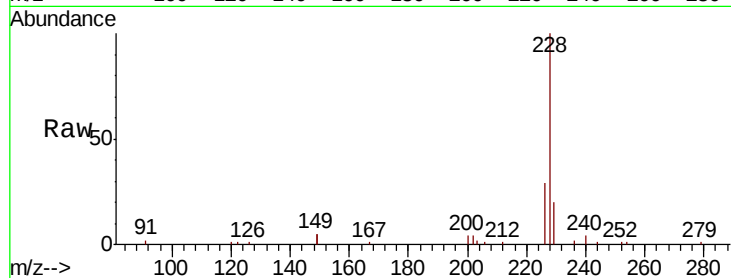
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 11023

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.0
229	19.7	16.2	24.4

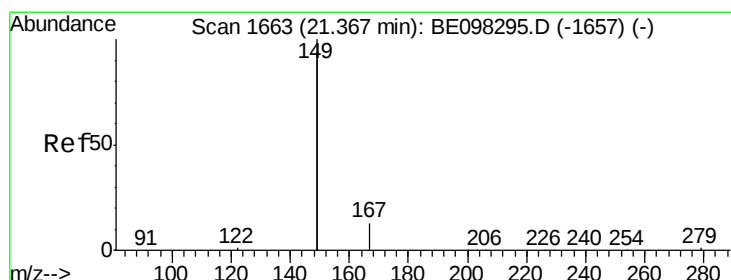
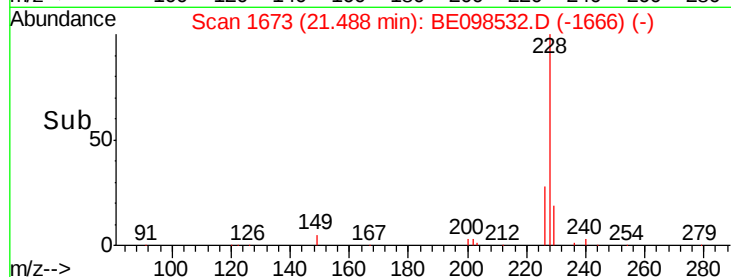
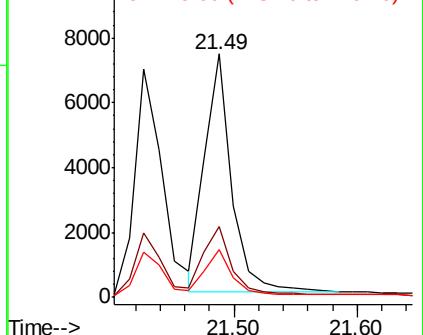


Abundance

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: 0.472 ng

RT: 21.35 min Scan# 1662

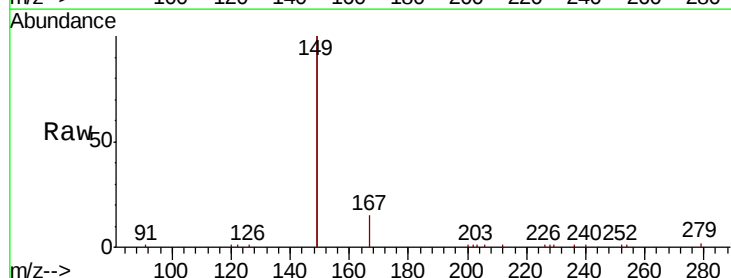
Delta R.T. -0.01 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

Tgt Ion:149 Resp: 25496

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.7	8.5
279	1.0	1.0	1.4

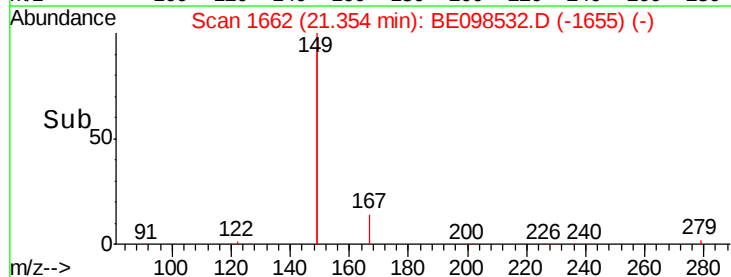
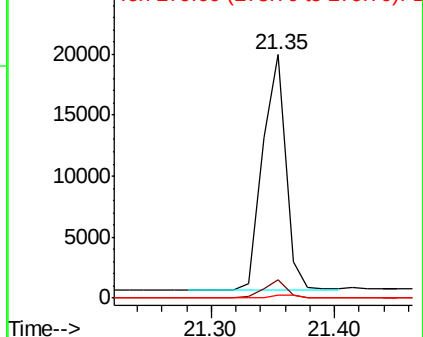


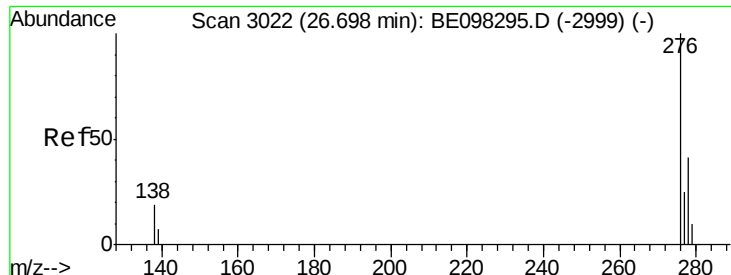
Abundance

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

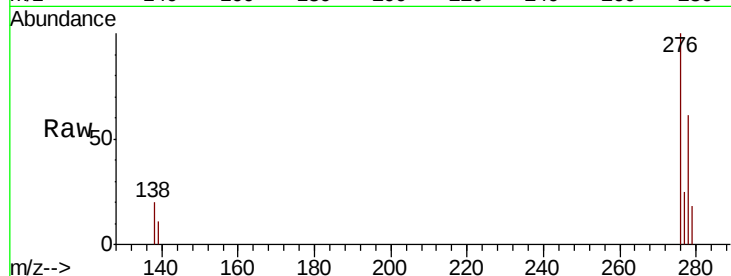




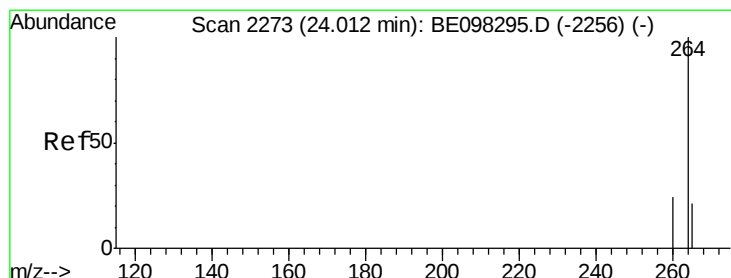
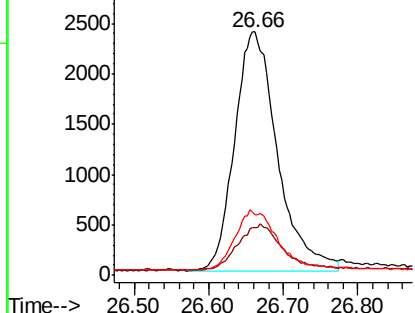
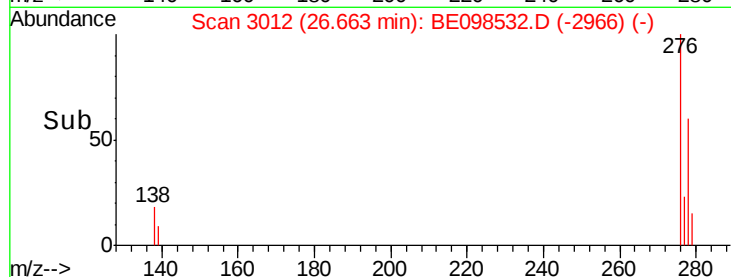
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng
RT: 26.66 min Scan# 3012
Delta R.T. -0.04 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 9420
Ion Ratio Lower Upper
276 100
138 19.6 16.3 24.5
277 24.9 20.2 30.4

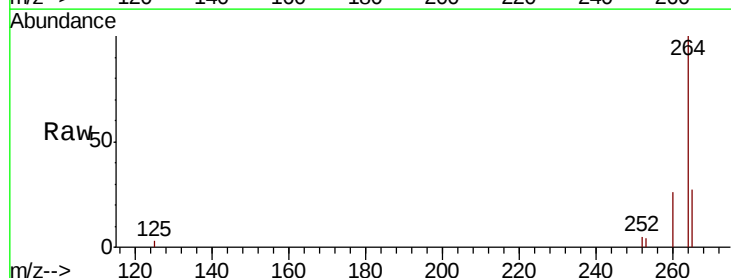


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

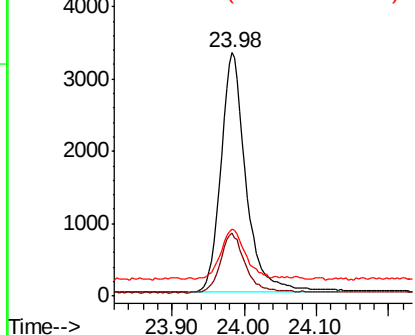
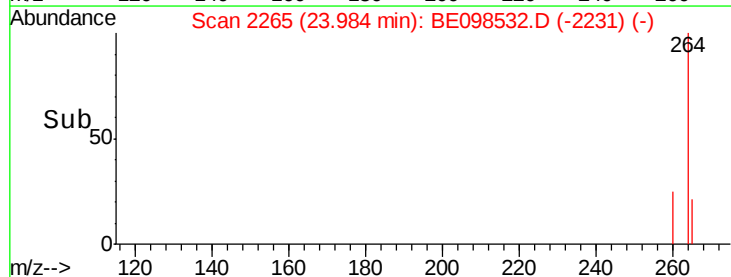


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2265
Delta R.T. -0.03 min
Lab File: BE098532.D
Acq: 20 Dec 2018 10:46

Tgt Ion:264 Resp: 7993
Ion Ratio Lower Upper
264 100
260 26.0 20.2 30.2
265 27.3 25.2 37.8



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





#35

Benzo(b)fluoranthene

Concen: 0.429 ng

RT: 23.20 min Scan# 2046

Delta R.T. -0.03 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

ClientSampleId :

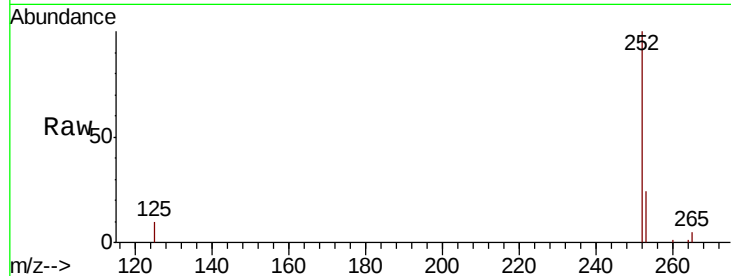
Tot Ion:252 Resp: 9388

Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

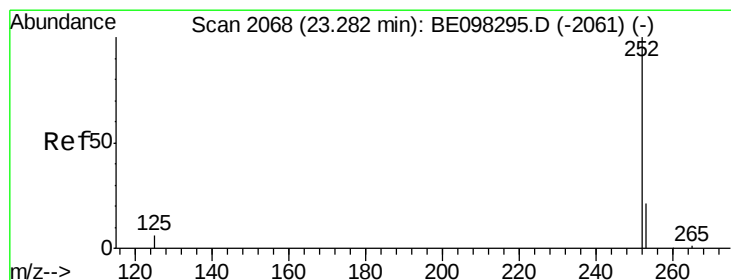
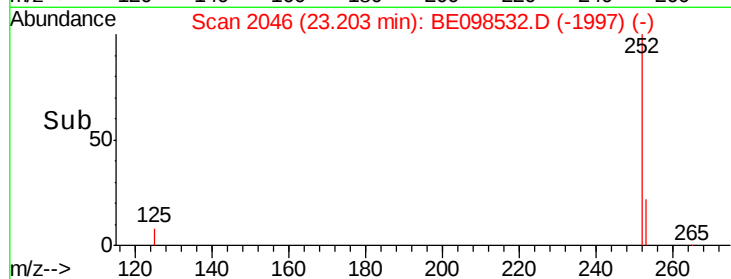
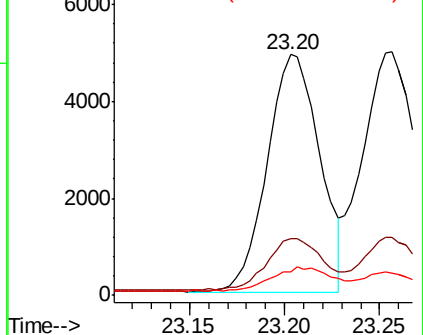
125 10.0 9.6 14.4



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: 0.369 ng

RT: 23.20 min Scan# 2046

Delta R.T. -0.08 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

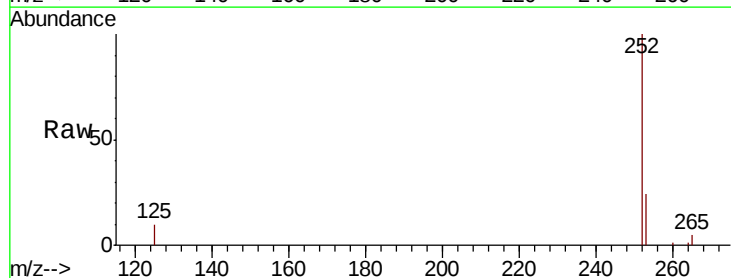
Tgt Ion:252 Resp: 9388

Ion Ratio Lower Upper

252 100

253 23.6 19.0 28.6

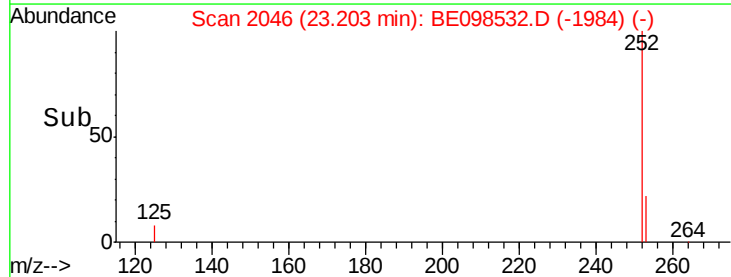
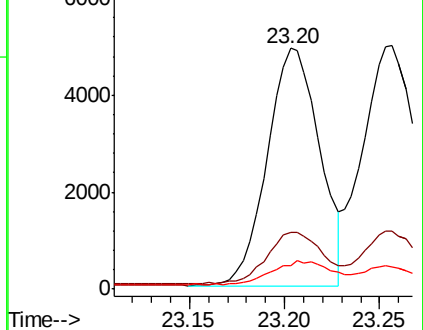
125 10.0 9.1 13.7



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: 0.396 ng

RT: 23.87 min Scan# 2233

Delta R.T. -0.03 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

ClientSampleId :

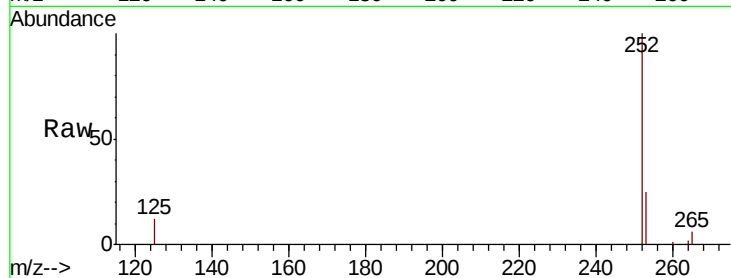
Tot Ion:252 Resp: 8924

Ion Ratio Lower Upper

252 100

253 24.7 20.6 30.8

125 11.5 10.5 15.7

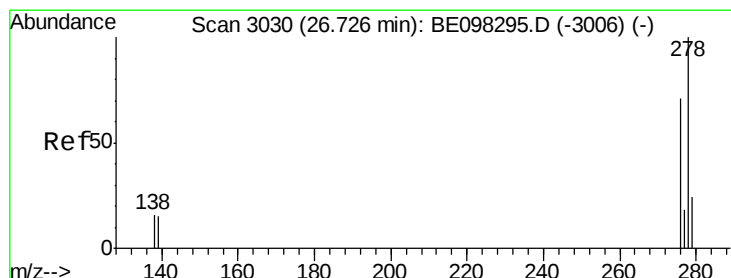
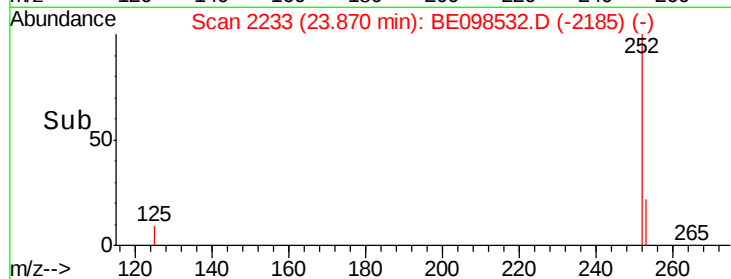
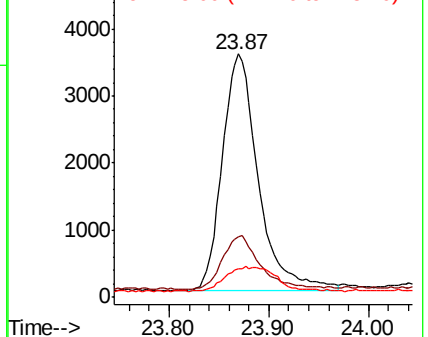


Abundance

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: 0.367 ng

RT: 26.68 min Scan# 3018

Delta R.T. -0.04 min

Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

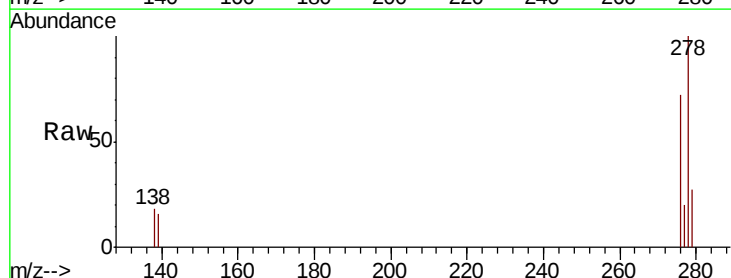
Tgt Ion:278 Resp: 7800

Ion Ratio Lower Upper

278 100

139 15.9 14.5 21.7

279 26.6 21.8 32.8

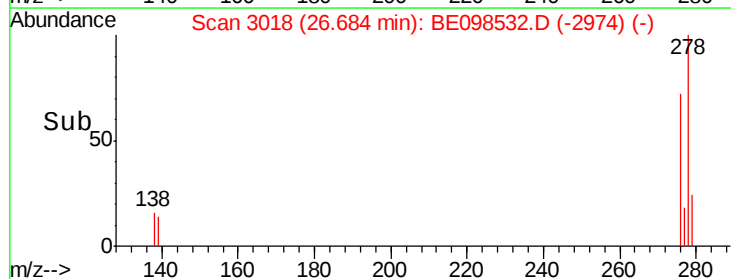
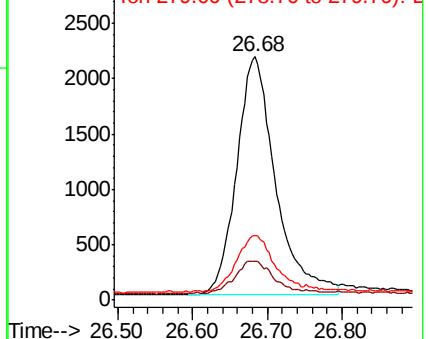


Abundance

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: 0.384 ng

RT: 27.48 min Scan# 3240

Delta R.T. -0.05 min

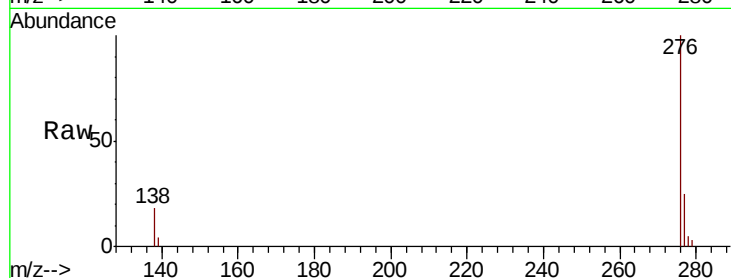
Lab File: BE098532.D

Acq: 20 Dec 2018 10:46

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 8229

Ion Ratio Lower Upper

276 100

277 25.0 20.8 31.2

138 18.0 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

