

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
 Data File : BE098250.D
 Acq On : 19 Nov 2018 12:59
 Operator : SJ/JU
 Sample : J5968-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 19 13:35:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 19:05:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1399	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6400	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4813	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10028	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11240	0.40	ng	0.00
34) Perylene-d12	24.00	264	10849	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	1083	0.29	ng	-0.01
5) Phenol-d6	7.04	99	731	0.12	ng	0.00
8) Nitrobenzene-d5	9.17	82	439	0.07	ng	0.16
11) 2-Methylnaphthalene-d10	12.27	152	4593	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	1039	0.67	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	9881	0.47	ng	0.00
25) Fluoranthene-d10	19.31	212	56613	0.46	ng	0.00
29) Terphenyl-d14	19.91	244	13155	0.51	ng	0.00

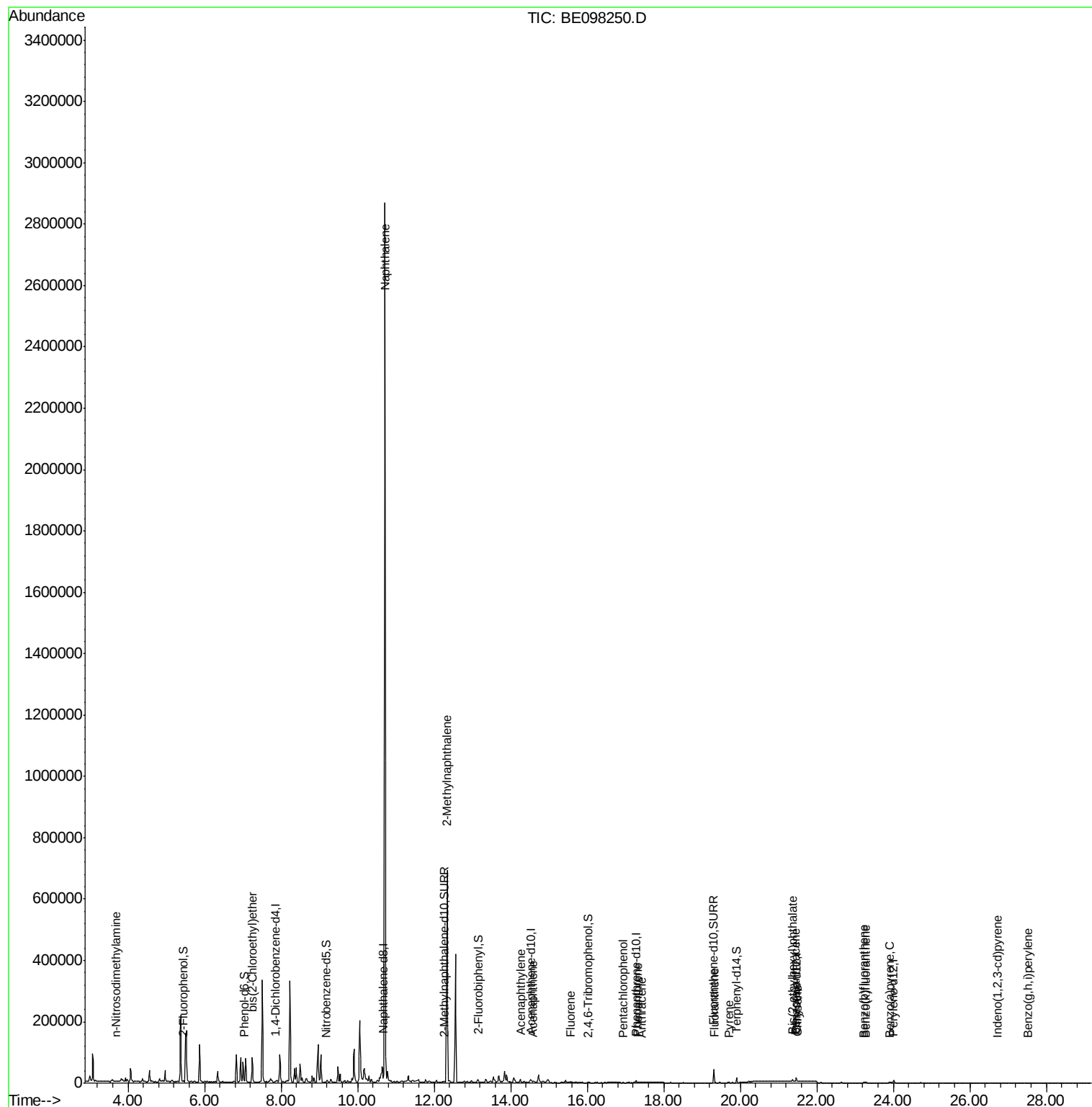
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.68	42	1392	0.564	ng	# 26
6) bis(2-Chloroethyl)ether	7.24	93	2406	0.477	ng	# 1
9) Naphthalene	10.72	128	4572920	70.166	ng	99
12) 2-Methylnaphthalene	12.34	142	446609	38.902	ng	94
16) Acenaphthylene	14.25	152	1190	0.052	ng	# 1
17) Acenaphthene	14.59	154	1882	0.138	ng	# 87
18) Fluorene	15.57	166	2464	0.141	ng	# 92
22) Pentachlorophenol	16.94	266	58	0.146	ng	# 86
23) Phenanthrene	17.32	178	3046	0.118	ng	# 86
24) Anthracene	17.41	178	545	0.023	ng	# 75
26) Fluoranthene	19.34	202	895	0.029	ng	# 89
28) Pyrene	19.70	202	943	0.029	ng	# 84
30) Benzo(a)anthracene	21.45	228	937	0.029	ng	# 58
31) Chrysene	21.50	228	801	0.024	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.37	149	9094	0.179	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.70	276	985	0.034	ng	# 78
35) Benzo(b)fluoranthene	23.23	252	1040	0.034	ng	# 1
36) Benzo(k)fluoranthene	23.28	252	825	0.024	ng	# 10
37) Benzo(a)pyrene	23.89	252	969	0.032	ng	# 1
39) Benzo(g,h,i)perylene	27.52	276	908	0.035	ng	# 54

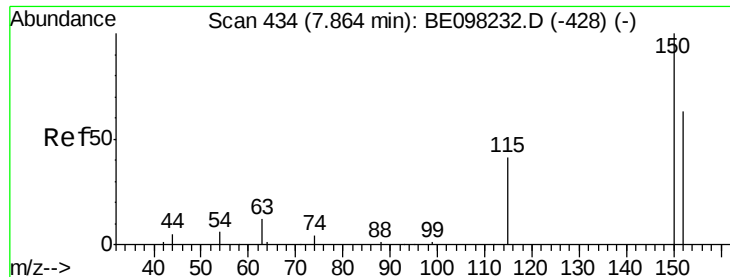
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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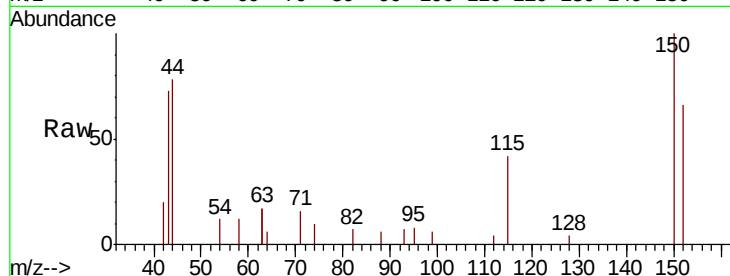


#1

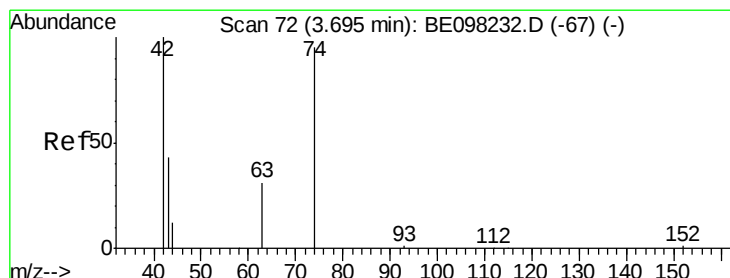
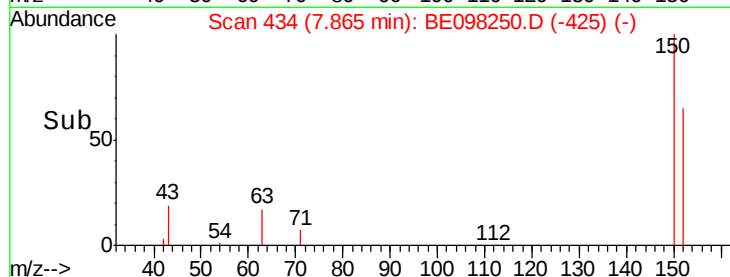
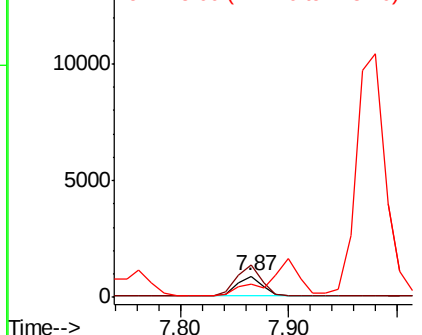
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098250.D
Acq: 19 Nov 2018 12:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	127.5	191.3
115	64.0	60.3	90.5



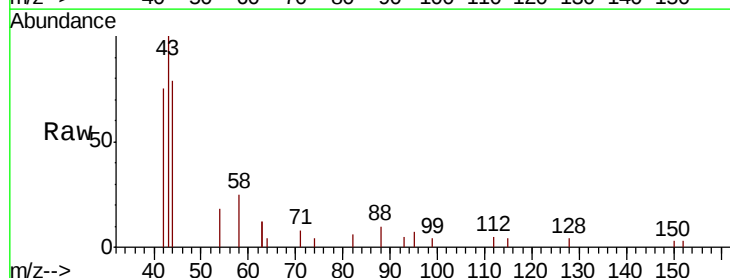
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



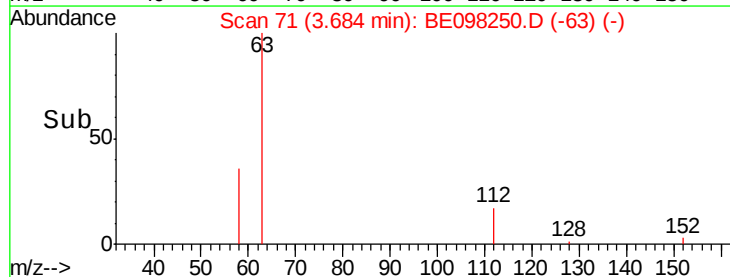
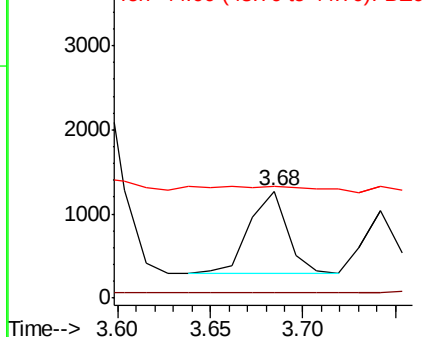
#3

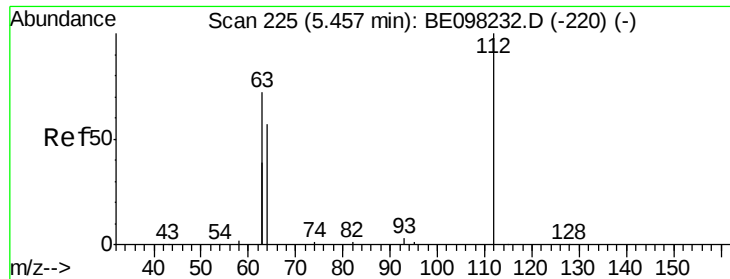
n-Nitrosodimethylamine
Concen: 0.564 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098250.D
Acq: 19 Nov 2018 12:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.6	61.7	92.5#
44	21.9	14.0	21.0#



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: 0.289 ng

RT: 5.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Instrument :

BNA_E

ClientSampled :

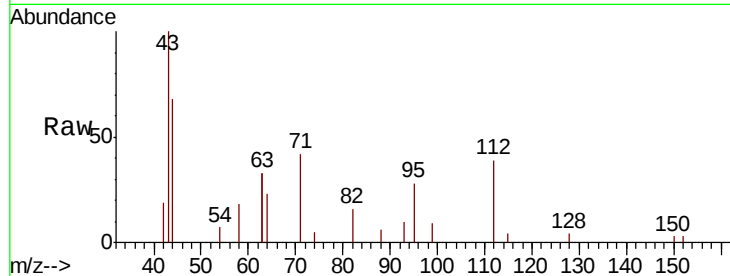
Tot Ion:112 Resp: 1083

Ion Ratio Lower Upper

112 100

64 0.0 61.7 92.5#

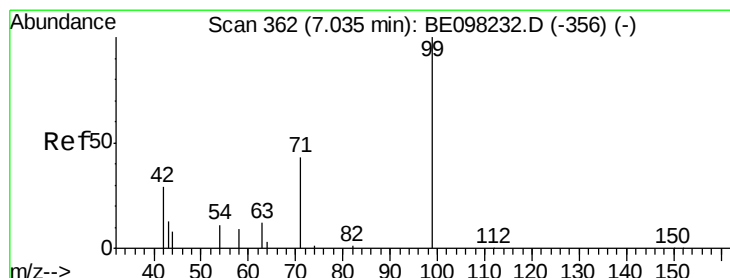
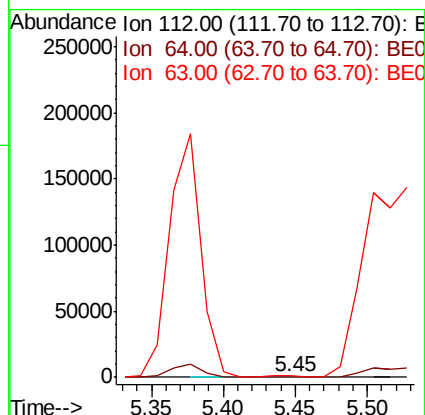
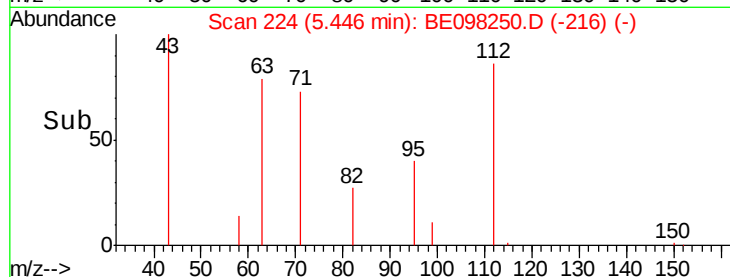
63 0.0 136.2 204.2#



Abundance Ion 112.00 (111.70 to 112.70): BE098250.D (-216) (-)

Ion 64.00 (63.70 to 64.70): BE098250.D (-216) (-)

Ion 63.00 (62.70 to 63.70): BE098250.D (-216) (-)



#5

Phenol-d6

Concen: 0.124 ng

RT: 7.04 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

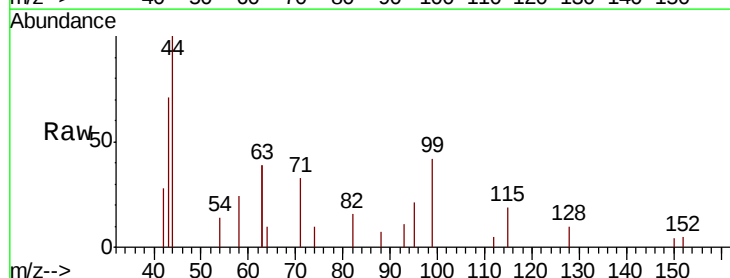
Tgt Ion: 99 Resp: 731

Ion Ratio Lower Upper

99 100

42 0.0 27.1 40.7#

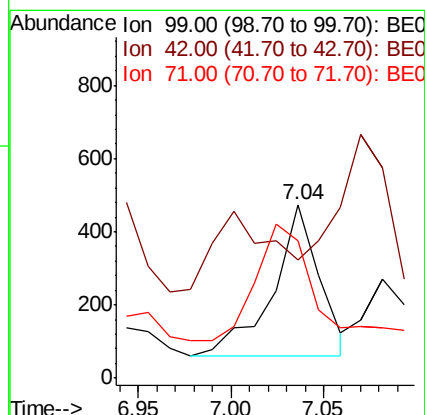
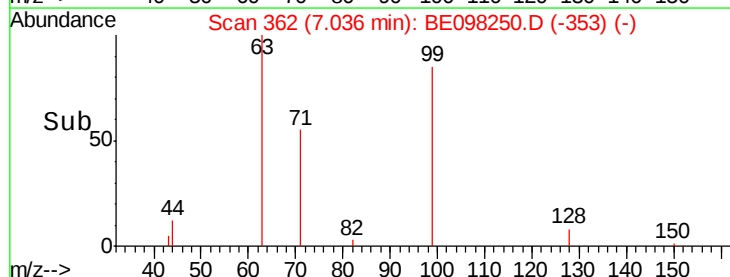
71 92.2 37.0 55.6#

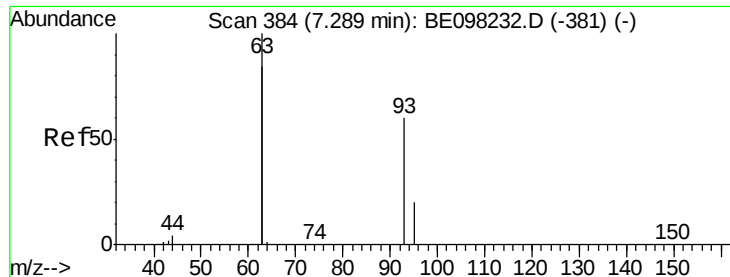


Abundance Ion 99.00 (98.70 to 99.70): BE098250.D (-353) (-)

Ion 42.00 (41.70 to 42.70): BE098250.D (-353) (-)

Ion 71.00 (70.70 to 71.70): BE098250.D (-353) (-)





#6

bis(2-Chloroethyl)ether

Concen: 0.477 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.05 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Instrument :

BNA_E

ClientSampleId :

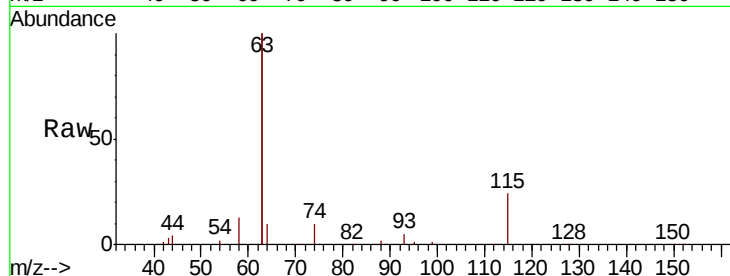
Tot Ion: 93 Resp: 2406

Ion Ratio Lower Upper

93 100

63 3883.5 272.6 409.0#

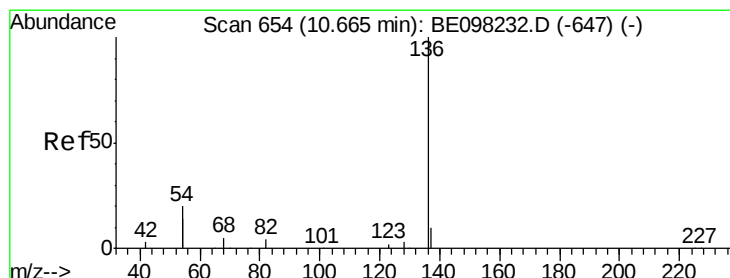
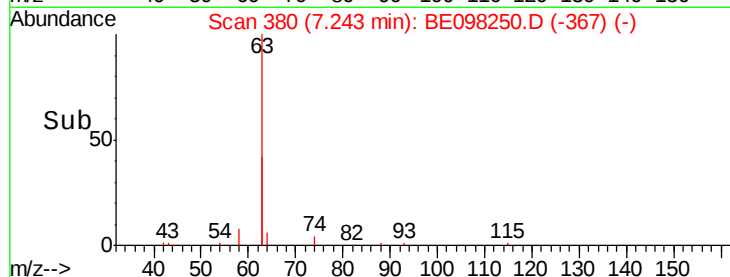
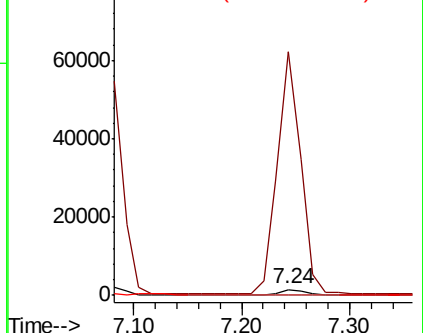
95 0.0 27.1 40.7#



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Tgt Ion: 136 Resp: 6400

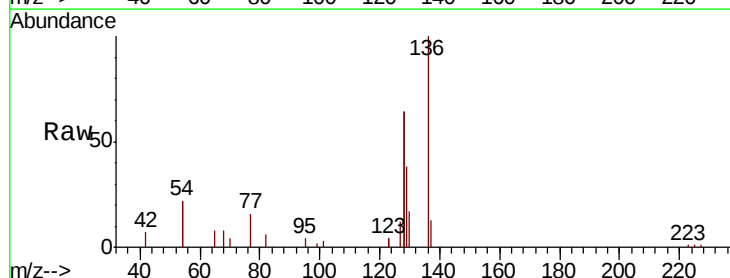
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 44.2 31.3 46.9

68 8.2 4.8 7.2#

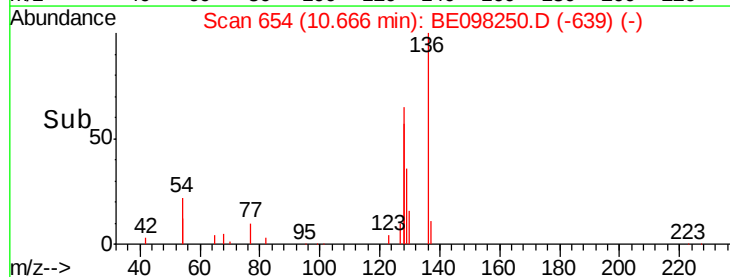
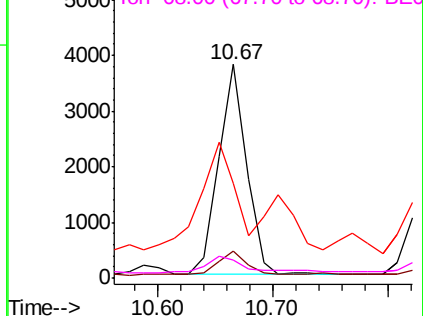


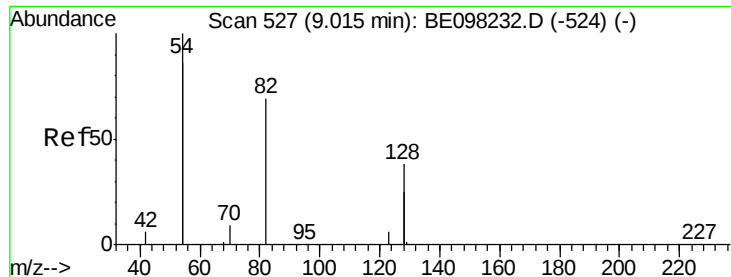
Abundance Ion 136.00 (135.70 to 136.70): E

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

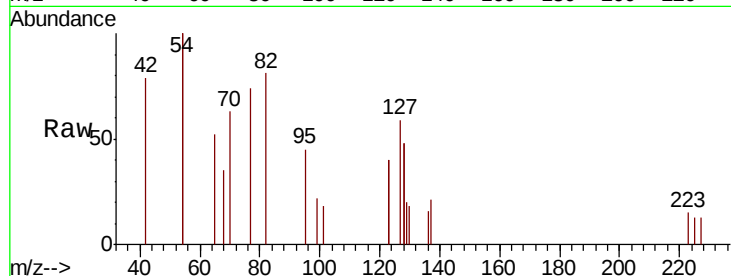




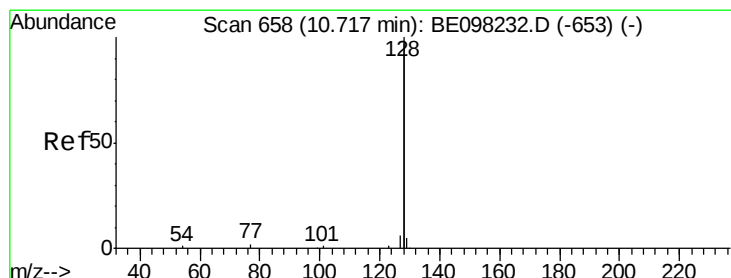
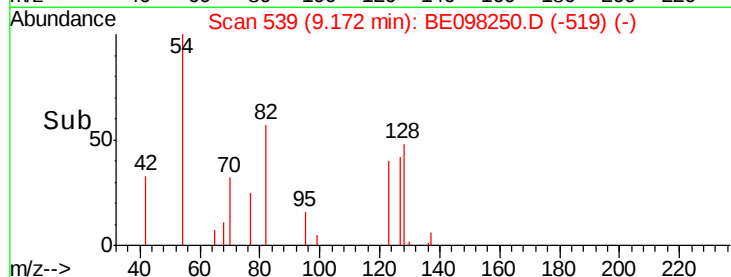
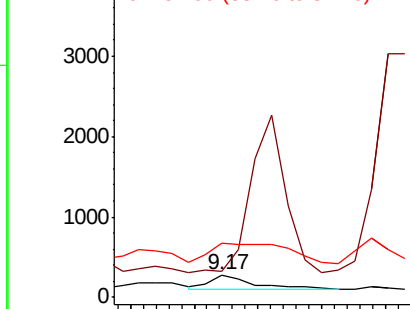
#8
 Nitrobenzene-d5
 Concen: 0.073 ng
 RT: 9.17 min Scan# 539
 Delta R.T. 0.16 min
 Lab File: BE098250.D
 Acq: 19 Nov 2018 12:59

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 439
 Ion Ratio Lower Upper
 82 100
 128 117.7 96.1 144.1
 54 246.2 232.0 348.0

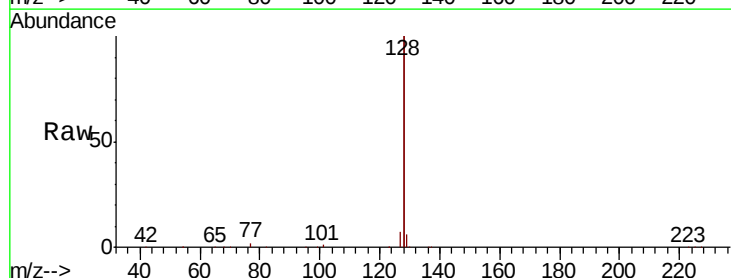


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

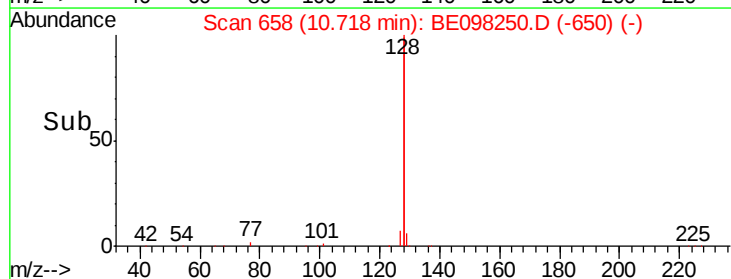
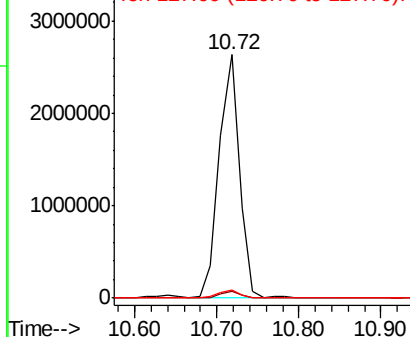


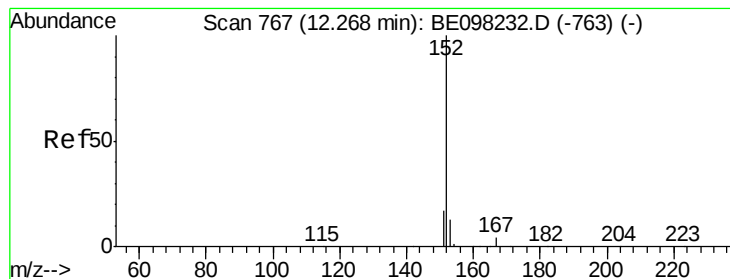
#9
 Naphthalene
 Concen: 70.166 ng
 RT: 10.72 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BE098250.D
 Acq: 19 Nov 2018 12:59

Tgt Ion:128 Resp: 4572920
 Ion Ratio Lower Upper
 128 100
 129 2.9 2.6 4.0
 127 3.4 2.8 4.2



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





#11

2-Methylnaphthalene-d10

Concen: 0.409 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Instrument :

BNA_E

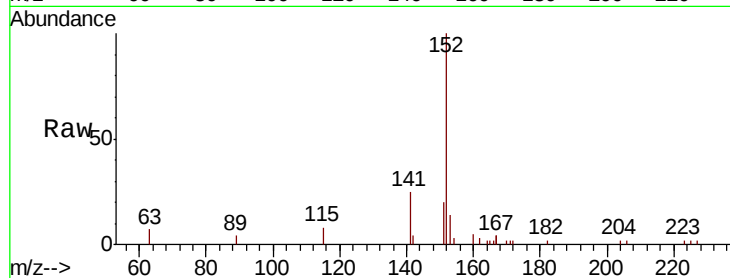
ClientSampleId :

Tot Ion:152 Resp: 4593

Ion Ratio Lower Upper

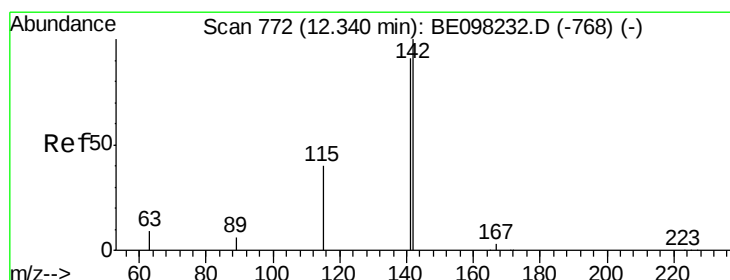
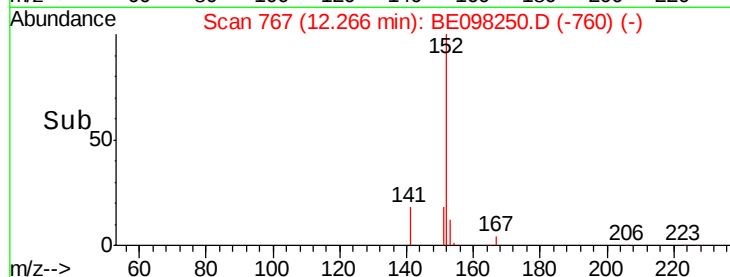
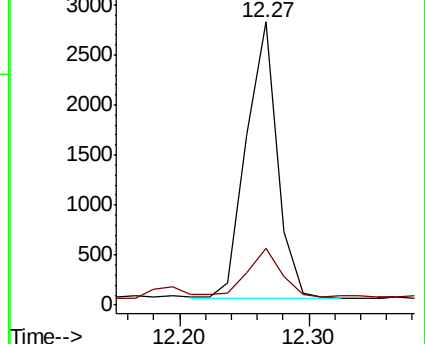
152 100

151 18.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 38.902 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

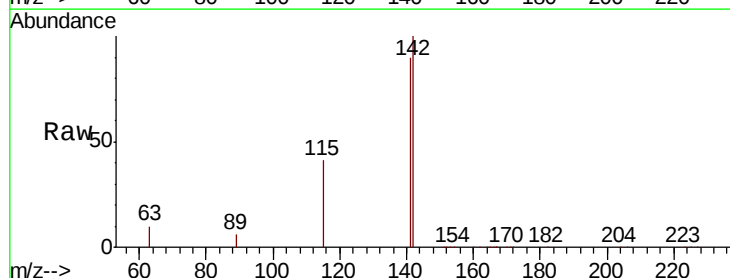
Tgt Ion:142 Resp: 446609

Ion Ratio Lower Upper

142 100

141 89.7 76.3 114.5

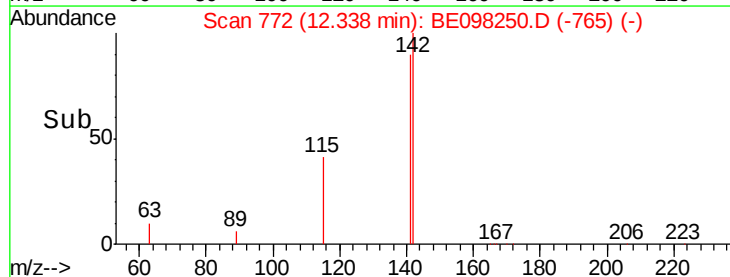
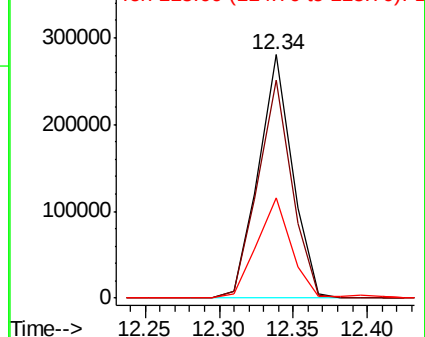
115 41.0 35.8 53.8

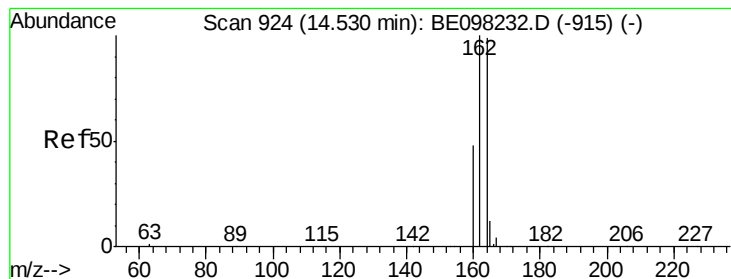


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Instrument :

BNA_E

ClientSampleId :

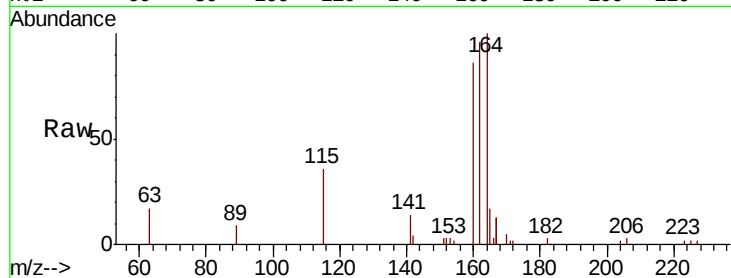
Tot Ion:164 Resp: 4813

Ion Ratio Lower Upper

164 100

162 96.0 81.8 122.6

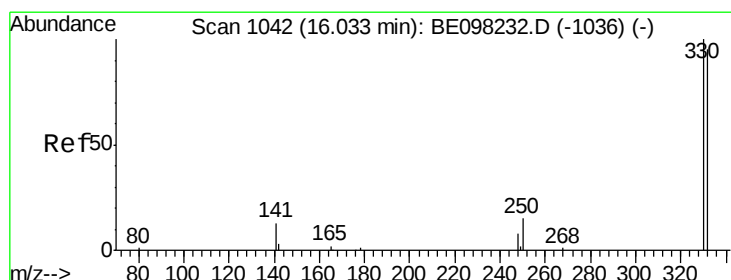
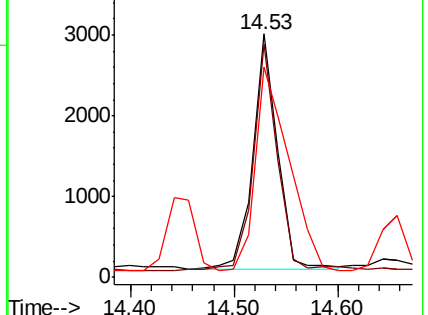
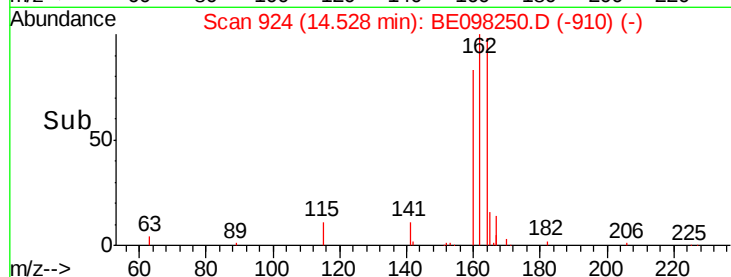
160 86.3 39.4 59.0#



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: 0.670 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

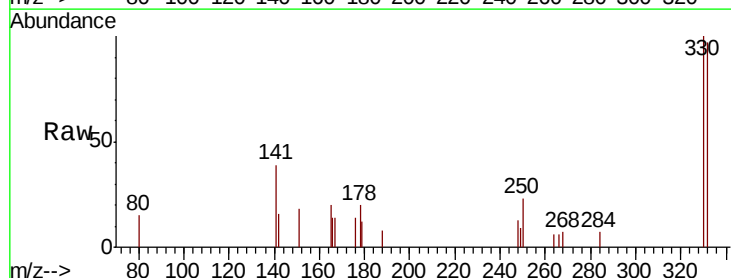
Tgt Ion:330 Resp: 1039

Ion Ratio Lower Upper

330 100

332 98.1 77.7 116.5

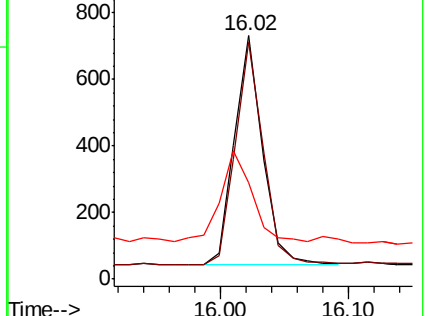
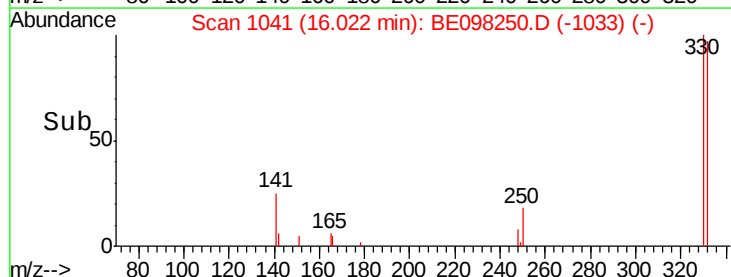
141 44.9 33.6 50.4

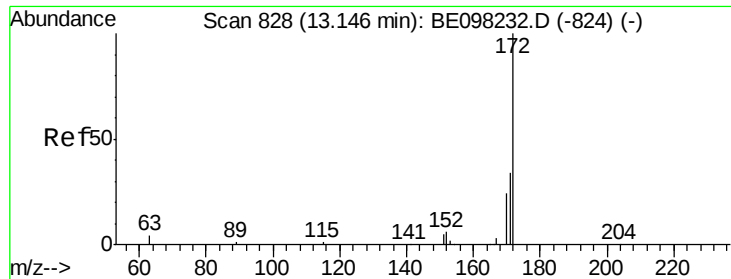


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

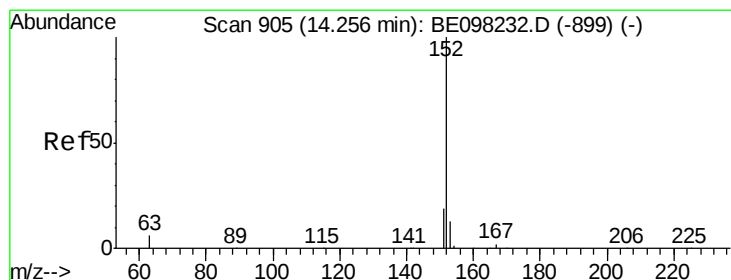
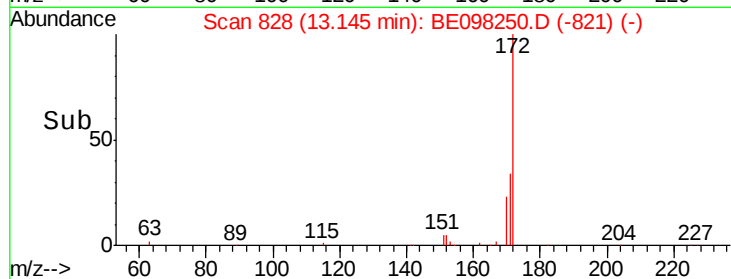
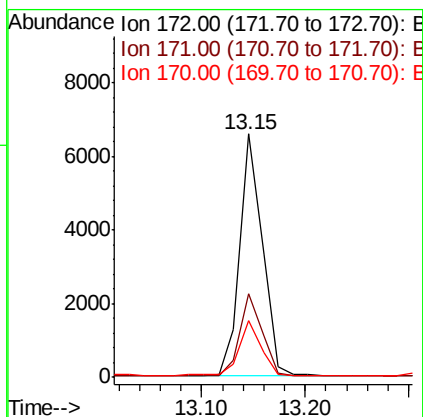
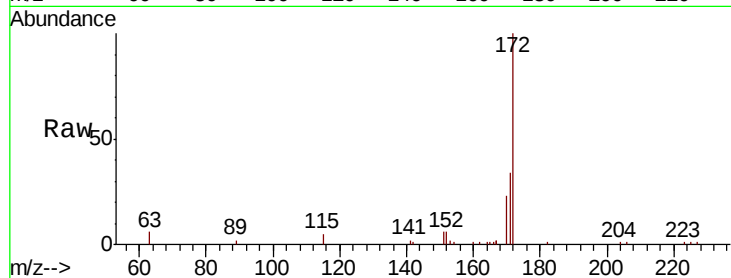




#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098250.D
Acq: 19 Nov 2018 12:59

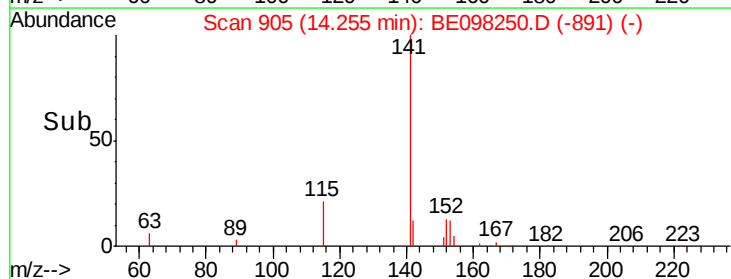
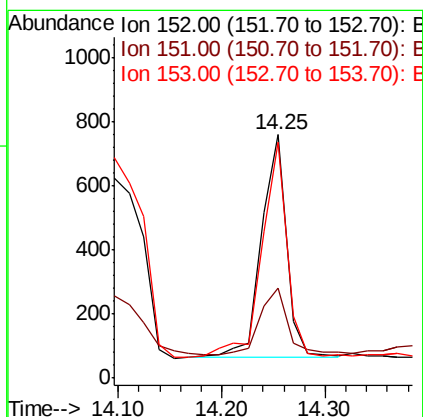
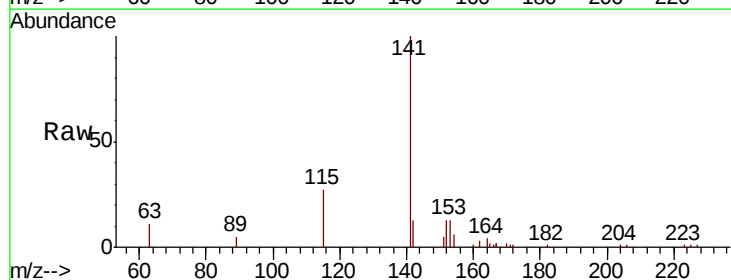
Instrument :
BNA_E
ClientSampleId :

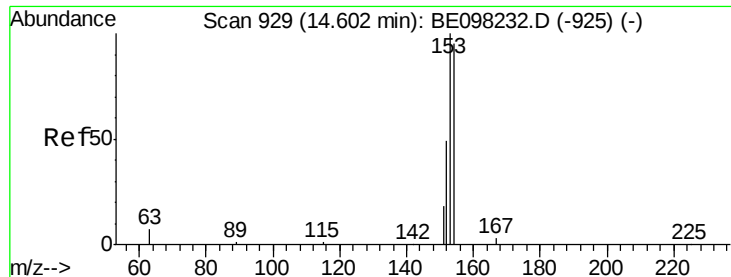
Tot Ion:172 Resp: 9881
Ion Ratio Lower Upper
172 100
171 34.1 27.3 40.9
170 23.5 19.4 29.0



#16
Acenaphthylene
Concen: 0.052 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098250.D
Acq: 19 Nov 2018 12:59

Tgt Ion:152 Resp: 1190
Ion Ratio Lower Upper
152 100
151 33.9 16.4 24.6#
153 96.6 10.6 15.8#

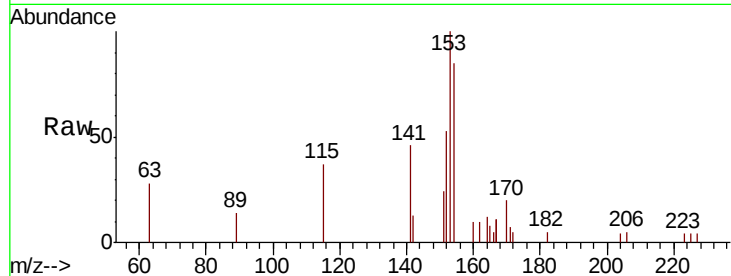




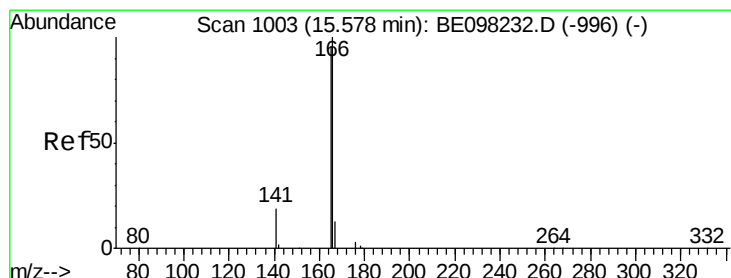
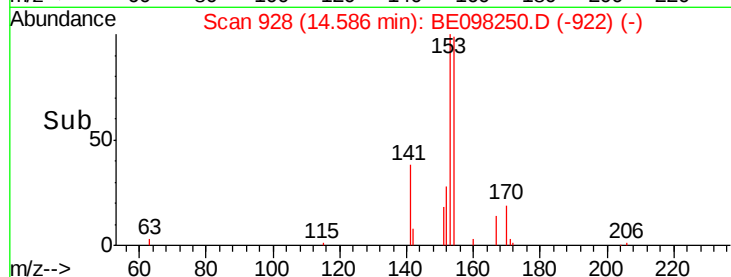
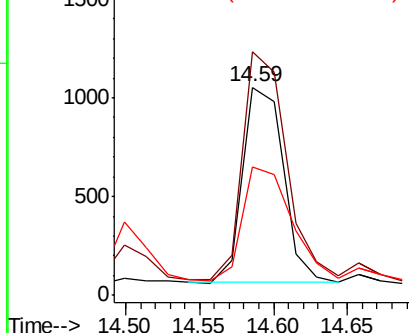
#17
Acenaphthene
Concen: 0.138 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.02 min
Lab File: BE098250.D
Acq: 19 Nov 2018 12:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 1882
Ion Ratio Lower Upper
154 100
153 126.0 92.1 138.1
152 70.6 46.2 69.2#

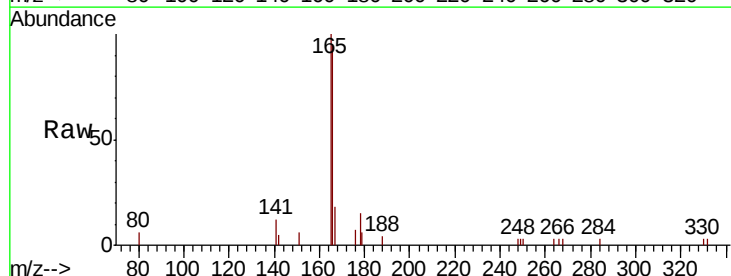


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

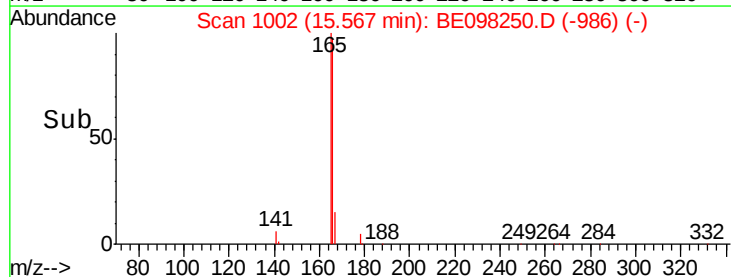
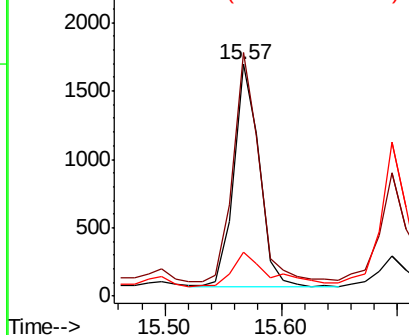


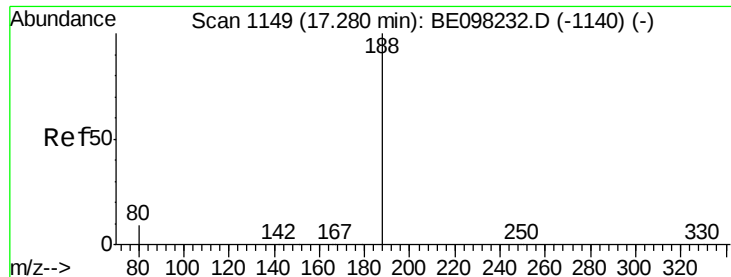
#18
Fluorene
Concen: 0.141 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE098250.D
Acq: 19 Nov 2018 12:59

Tgt Ion:166 Resp: 2464
Ion Ratio Lower Upper
166 100
165 105.4 80.1 120.1
167 23.2 10.8 16.2#



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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Instrument :

BNA_E

ClientSampleId :

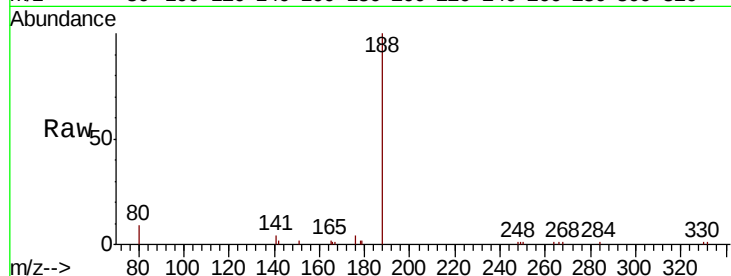
Tot Ion:188 Resp: 10028

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

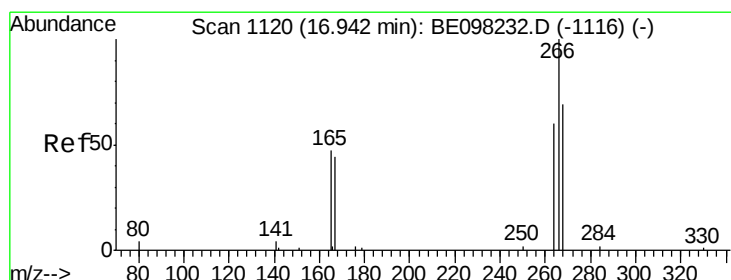
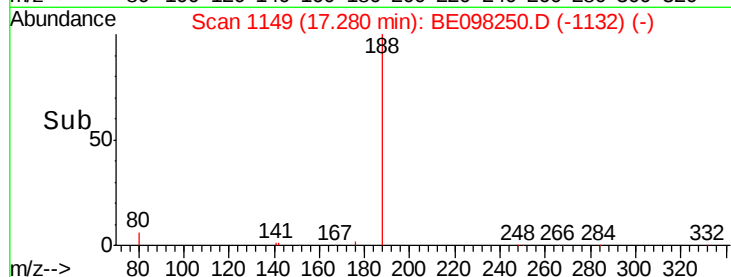
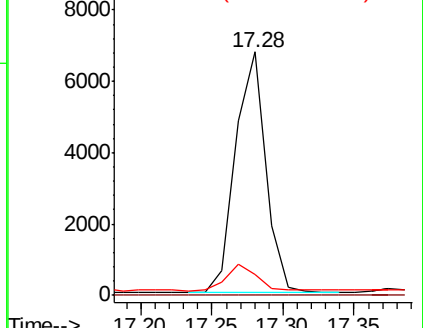
80 8.8 6.7 10.1



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



#22

Pentachlorophenol

Concen: 0.146 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

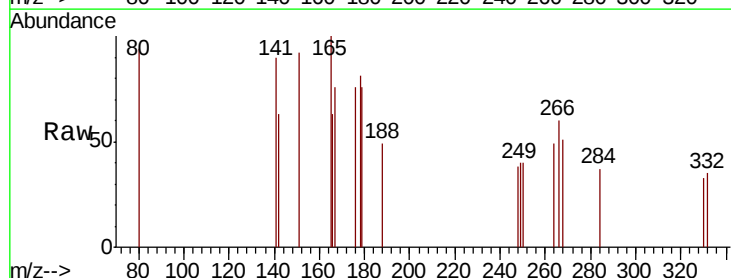
Tgt Ion:266 Resp: 58

Ion Ratio Lower Upper

266 100

264 81.7 57.6 86.4

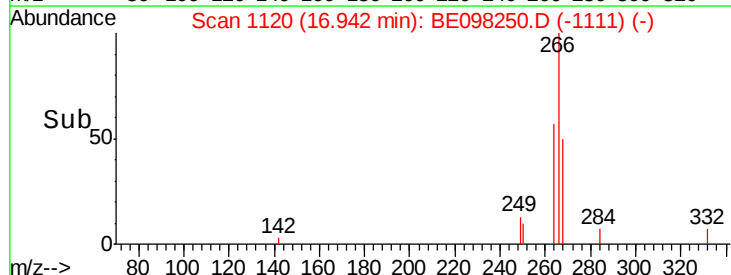
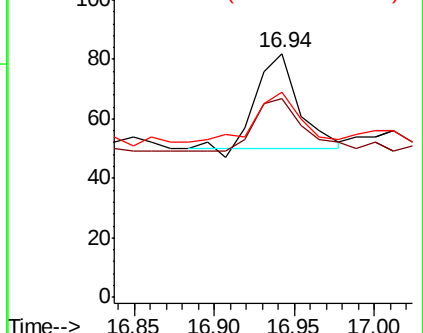
268 84.1 56.8 85.2

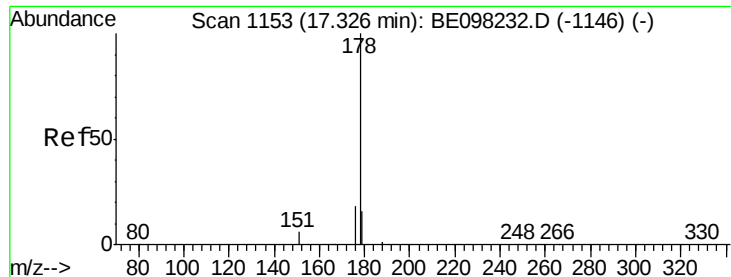


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.118 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Instrument :

BNA_E

ClientSampled :

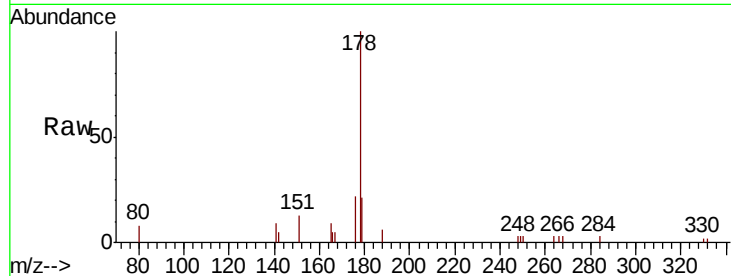
Tot Ion:178 Resp: 3046

Ion Ratio Lower Upper

178 100

176 25.3 15.8 23.8#

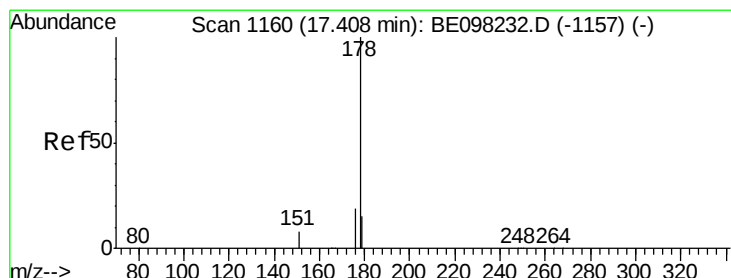
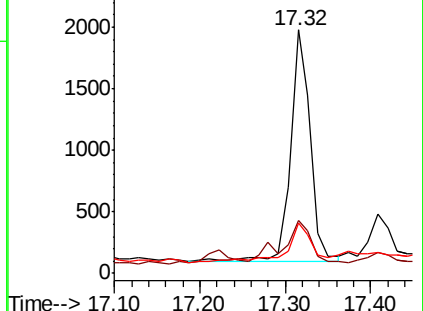
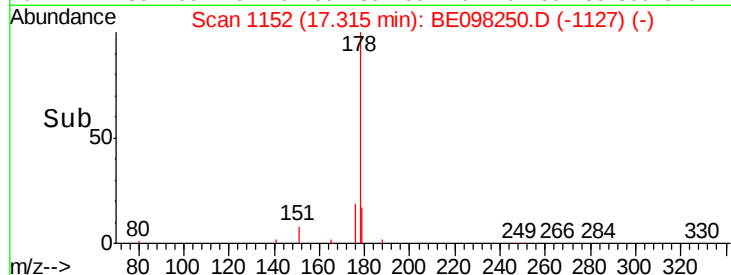
179 22.0 12.3 18.5#



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: 0.023 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

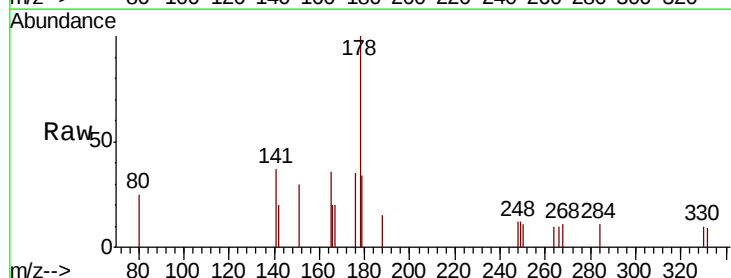
Tgt Ion:178 Resp: 545

Ion Ratio Lower Upper

178 100

176 27.3 15.7 23.5#

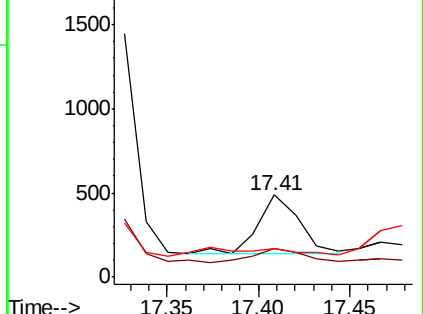
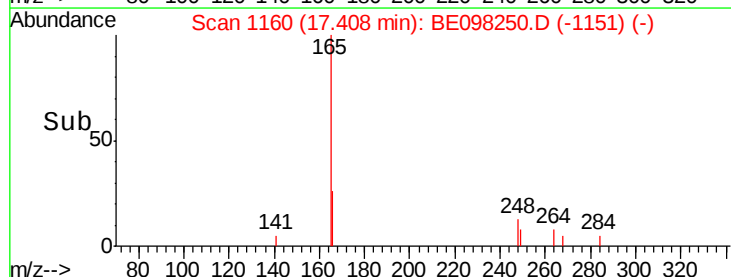
179 0.0 12.1 18.1#

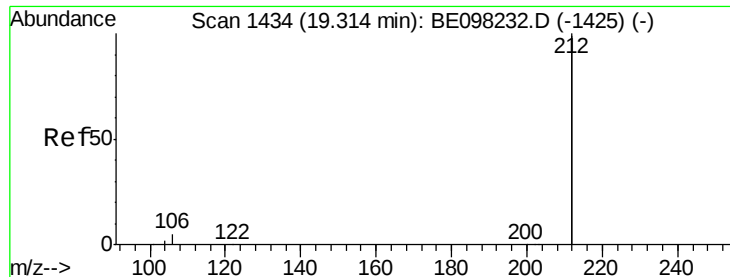


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.464 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Instrument :

BNA_E

ClientSampled :

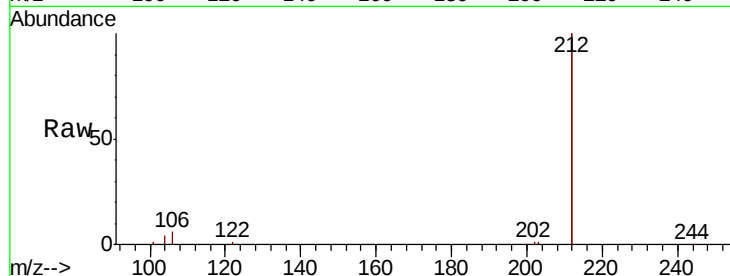
Tot Ion:212 Resp: 56613

Ion Ratio Lower Upper

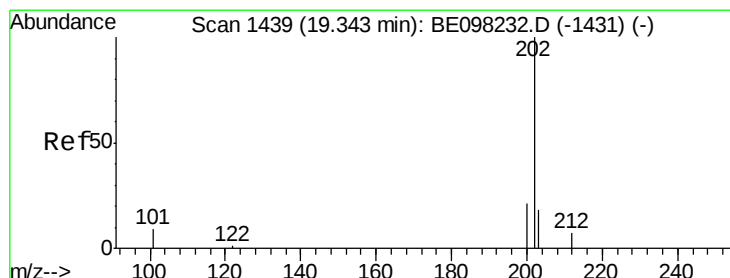
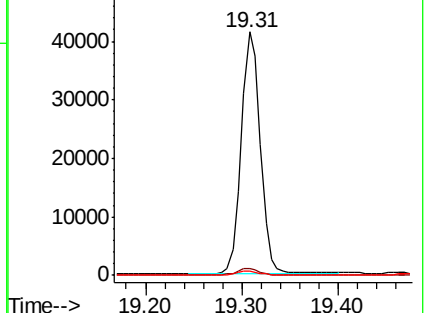
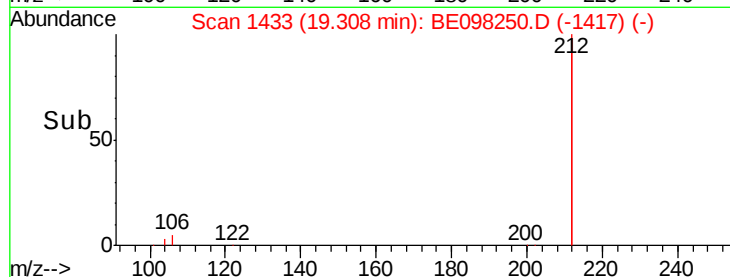
212 100

106 2.7 1.8 2.8

104 1.5 1.1 1.7



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: 0.029 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

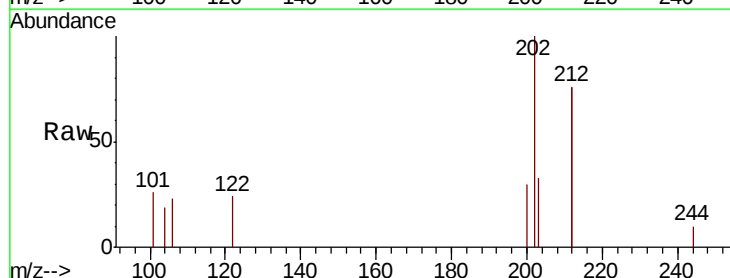
Tgt Ion:202 Resp: 895

Ion Ratio Lower Upper

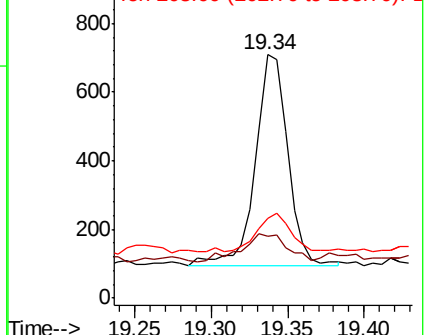
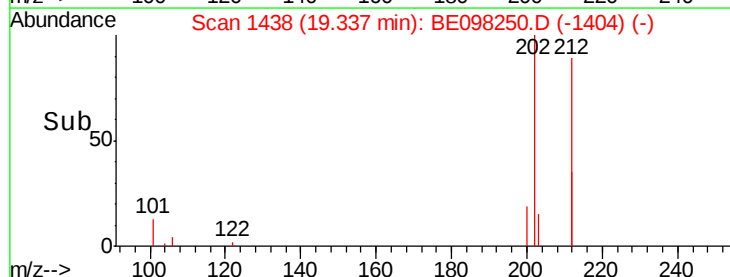
202 100

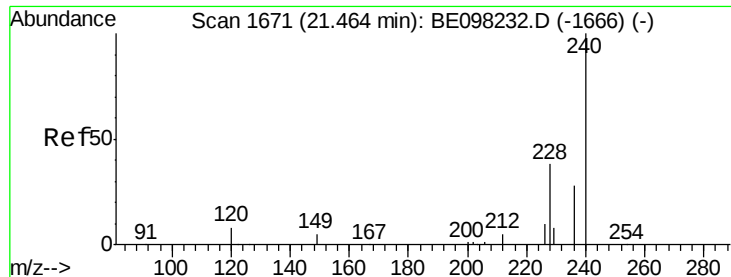
101 18.3 7.0 10.6#

203 18.3 13.7 20.5



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

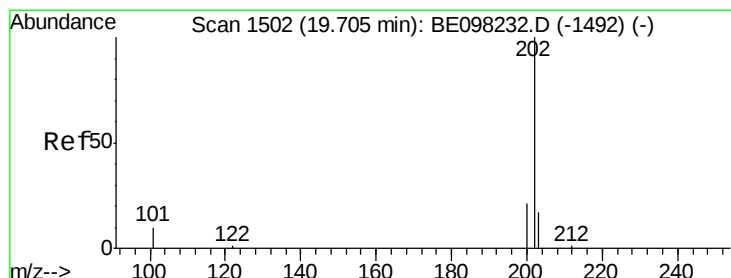
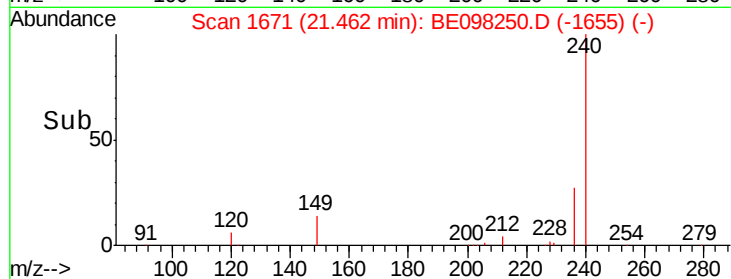
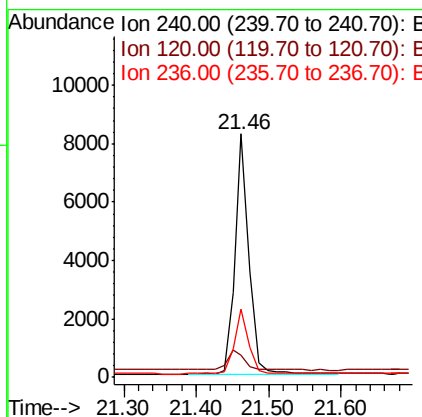
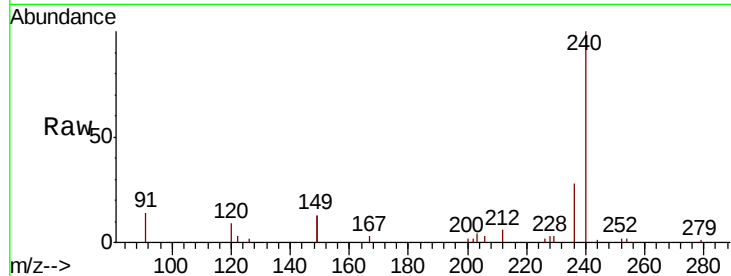




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098250.D
Acq: 19 Nov 2018 12:59

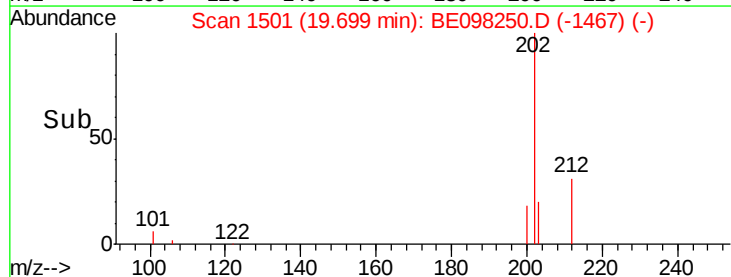
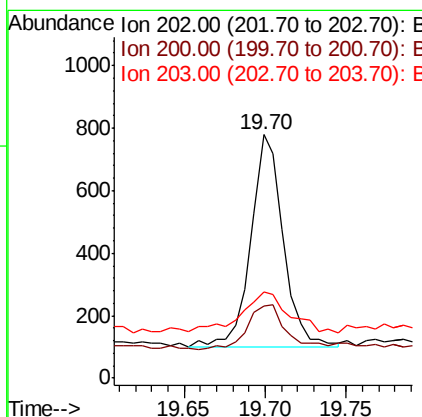
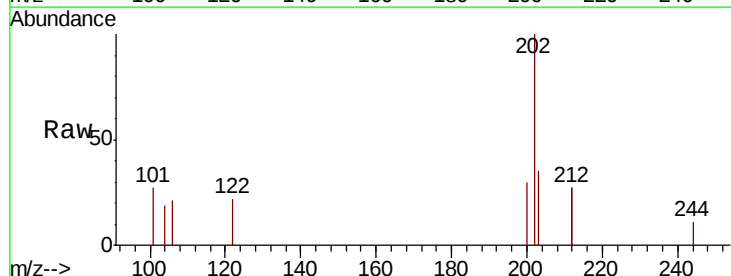
Instrument :
BNA_E
ClientSampleId :

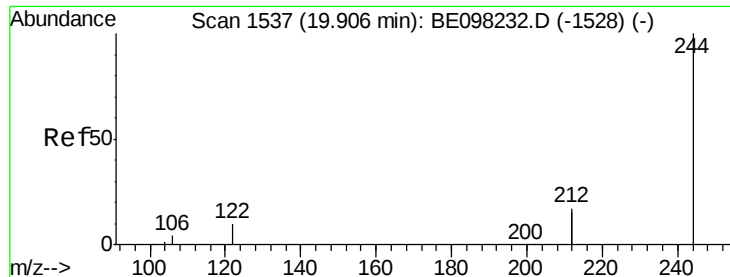
Tot Ion:240 Resp: 11240
Ion Ratio Lower Upper
240 100
120 9.2 4.8 7.2#
236 27.9 21.4 32.0



#28
Pyrene
Concen: 0.029 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098250.D
Acq: 19 Nov 2018 12:59

Tgt Ion:202 Resp: 943
Ion Ratio Lower Upper
202 100
200 26.3 17.2 25.8#
203 28.2 14.2 21.4#





#29

Terphenyl-d14

Concen: 0.509 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Instrument :

BNA_E

ClientSampleId :

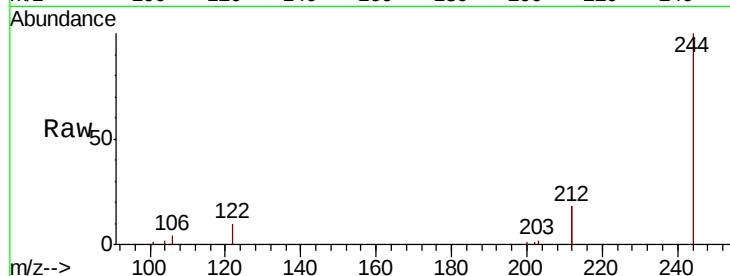
Tot Ion:244 Resp: 13155

Ion Ratio Lower Upper

244 100

212 35.3 26.8 40.2

122 10.5 7.0 10.6

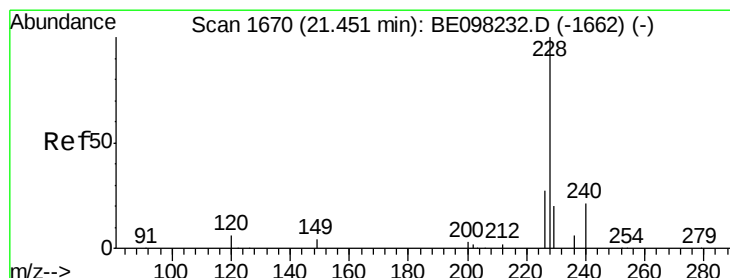
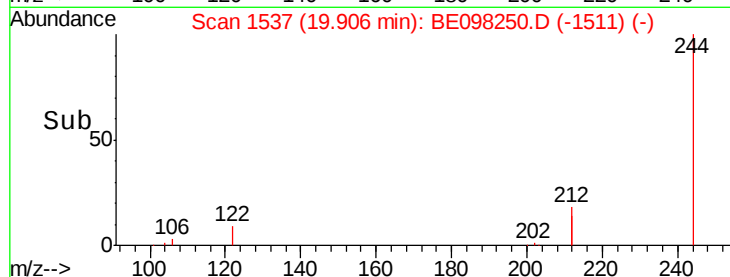
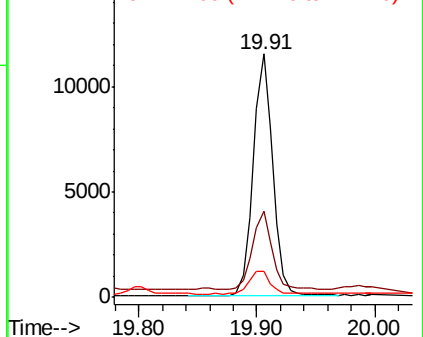


Abundance

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: 0.029 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

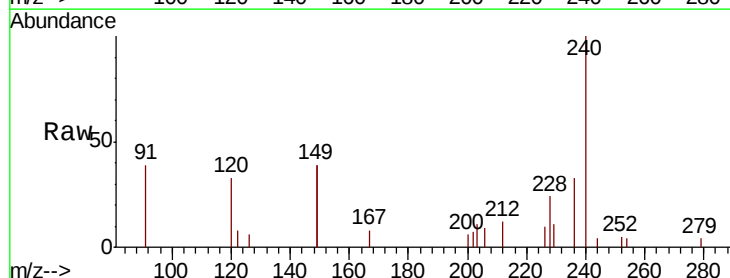
Tgt Ion:228 Resp: 937

Ion Ratio Lower Upper

228 100

226 40.9 20.7 31.1#

229 46.9 16.2 24.4#

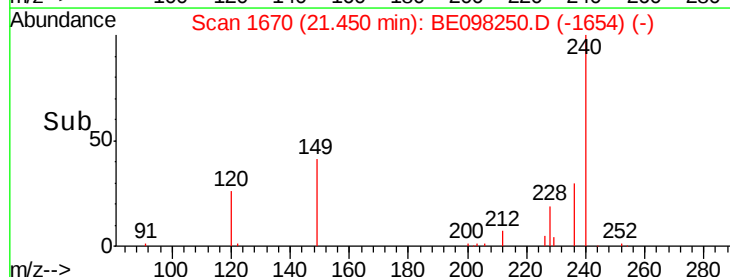
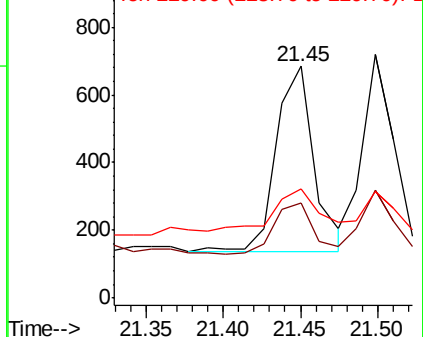


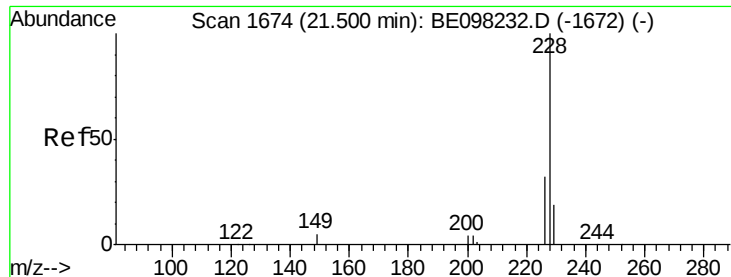
Abundance

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





#31

Chrysene

Concen: 0.024 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Instrument :

BNA_E

ClientSampleId :

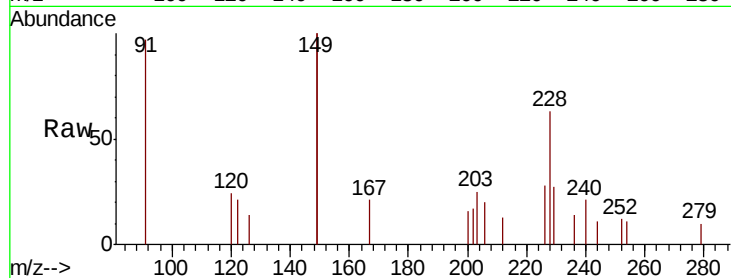
Tot Ion:228 Resp: 801

Ion Ratio Lower Upper

228 100

226 44.4 24.6 36.8#

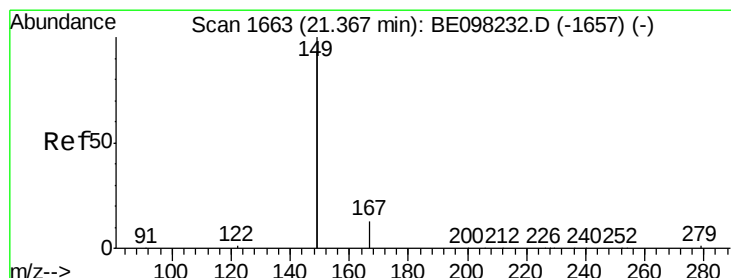
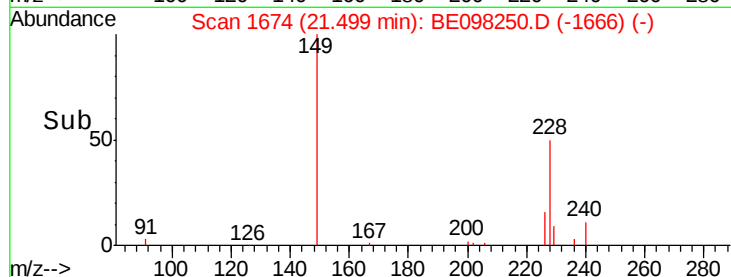
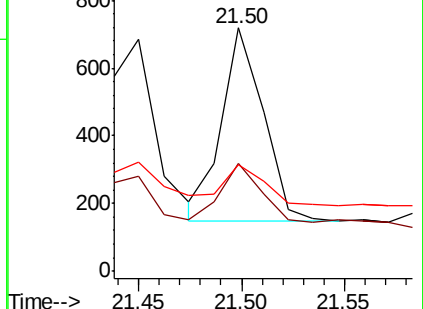
229 43.5 16.0 24.0#



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: 0.179 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

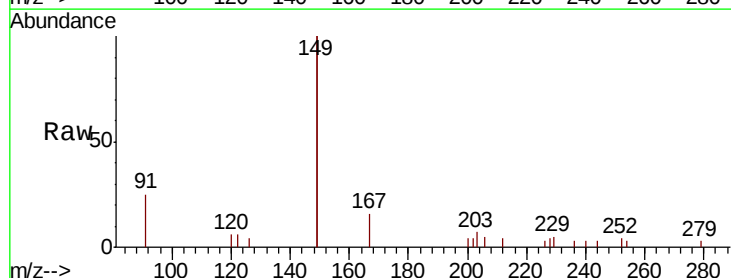
Tgt Ion:149 Resp: 9094

Ion Ratio Lower Upper

149 100

167 7.3 5.6 8.4

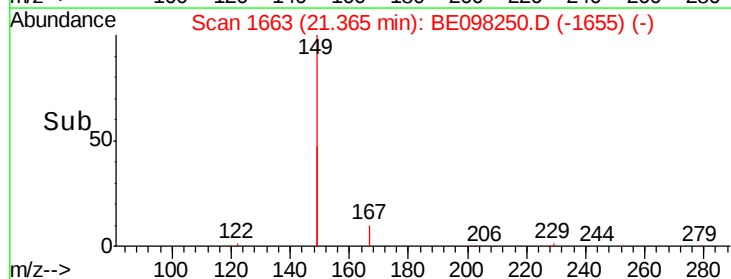
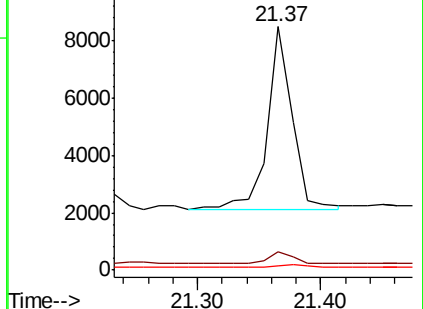
279 1.6 0.9 1.3#

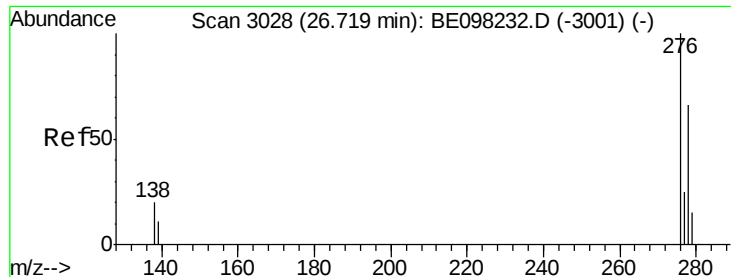


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

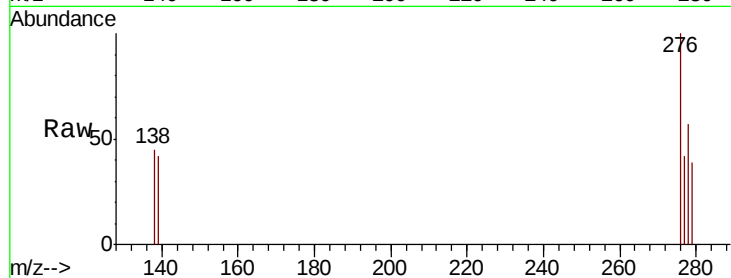




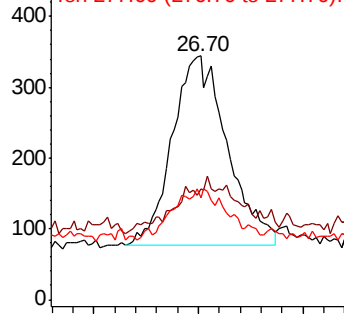
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.034 ng
 RT: 26.70 min Scan# 3023
 Delta R.T. -0.02 min
 Lab File: BE098250.D
 Acq: 19 Nov 2018 12:59

Instrument :
 BNA_E
 ClientSampleId :

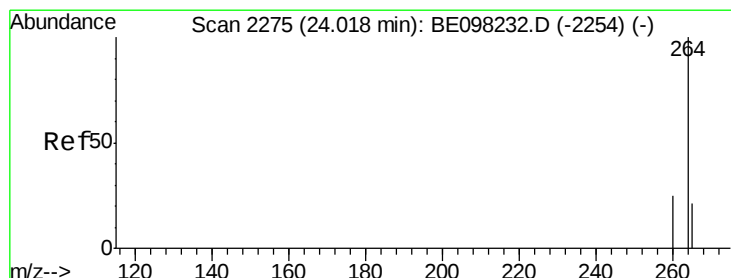
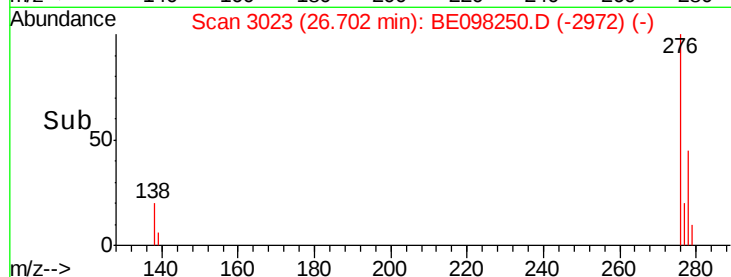
Tot Ion:276 Resp: 985
 Ion Ratio Lower Upper
 276 100
 138 12.1 6.4 9.6#
 277 11.1 18.9 28.3#



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

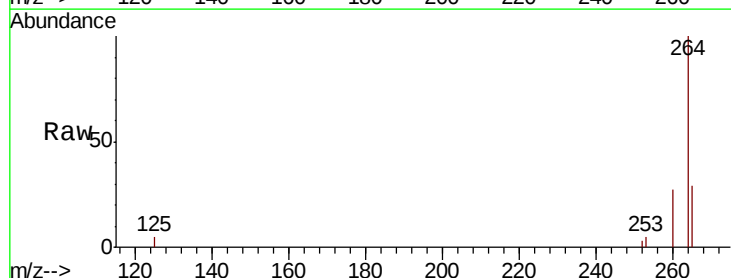


Time-->

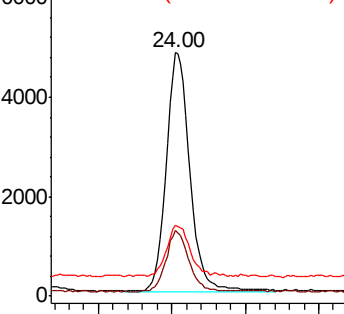


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098250.D
 Acq: 19 Nov 2018 12:59

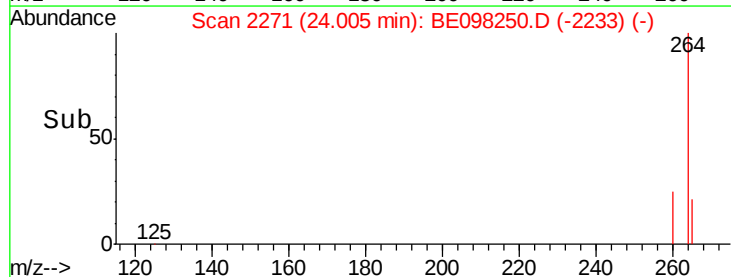
Tgt Ion:264 Resp: 10849
 Ion Ratio Lower Upper
 264 100
 260 26.8 19.9 29.9
 265 28.9 21.3 31.9

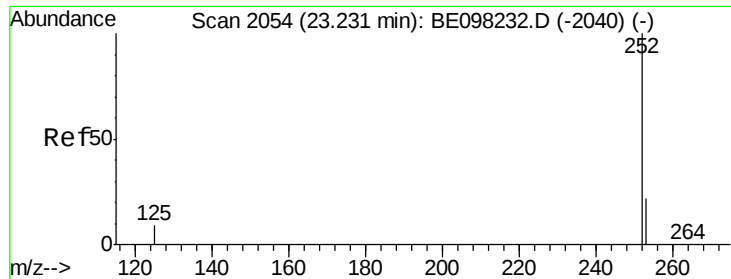


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





#35

Benzo(b)fluoranthene

Concen: 0.034 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Instrument :

BNA_E

ClientSampleId :

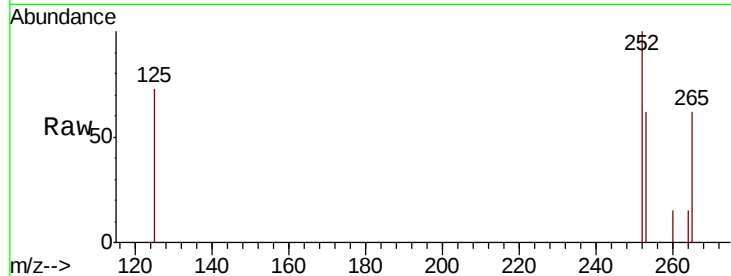
Tot Ion:252 Resp: 1040

Ion Ratio Lower Upper

252 100

253 61.8 19.4 29.0#

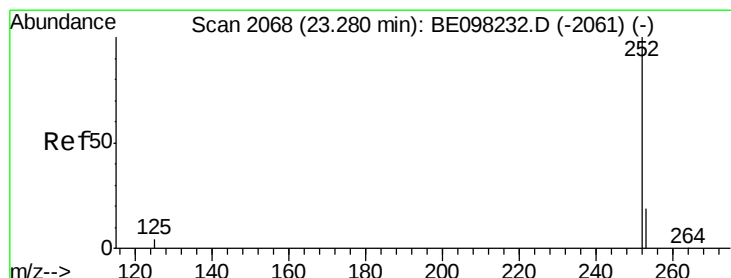
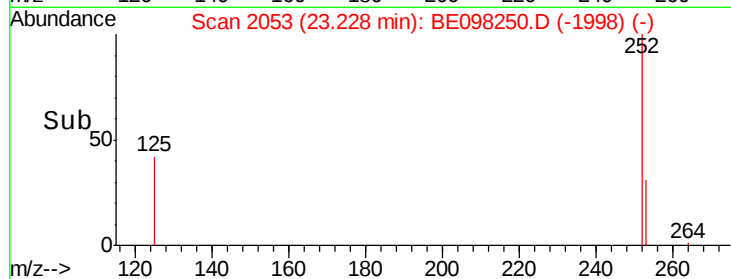
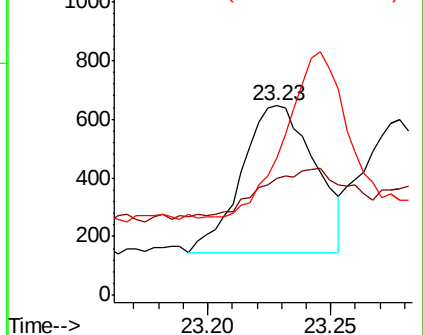
125 72.8 8.6 12.8#



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: 0.024 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

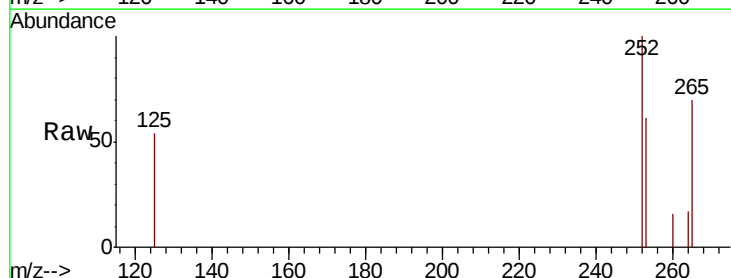
Tgt Ion:252 Resp: 825

Ion Ratio Lower Upper

252 100

253 60.9 18.6 28.0#

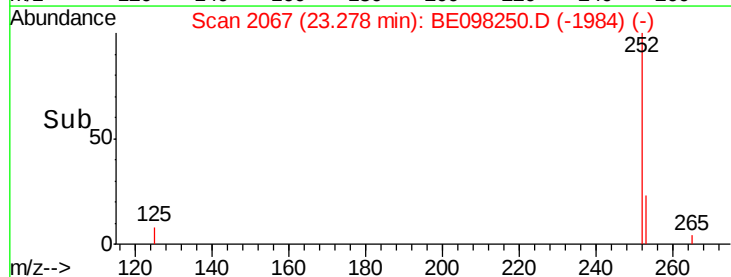
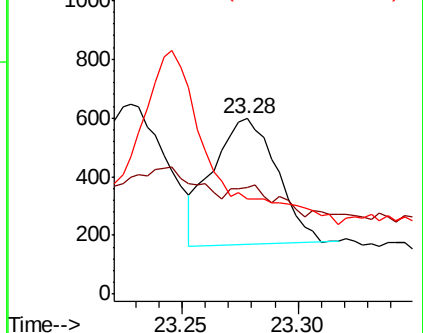
125 53.8 7.4 11.0#

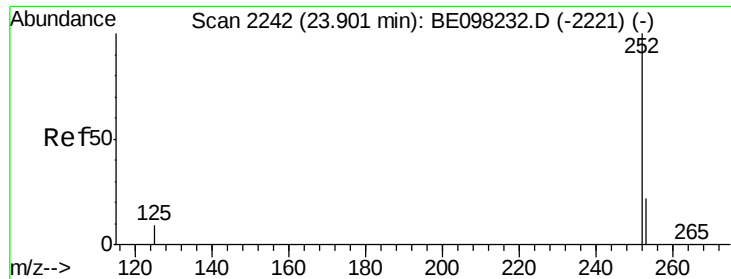


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.032 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

Instrument :

BNA_E

ClientSampleId :

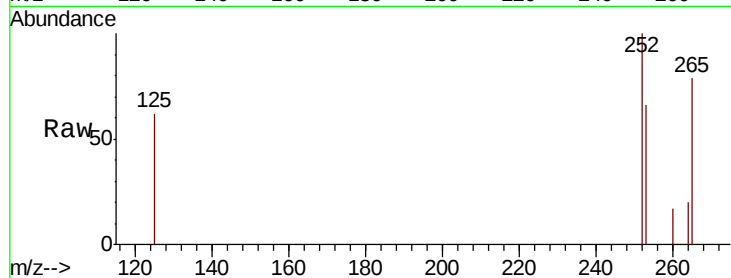
Tot Ion:252 Resp: 969

Ion Ratio Lower Upper

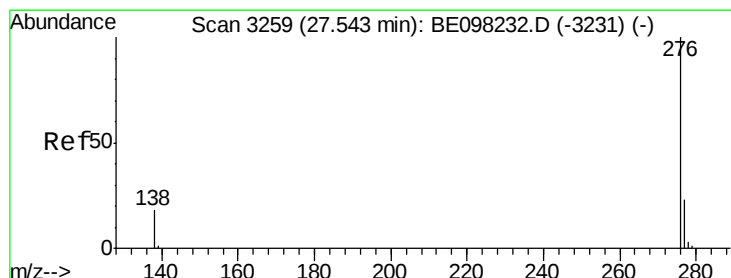
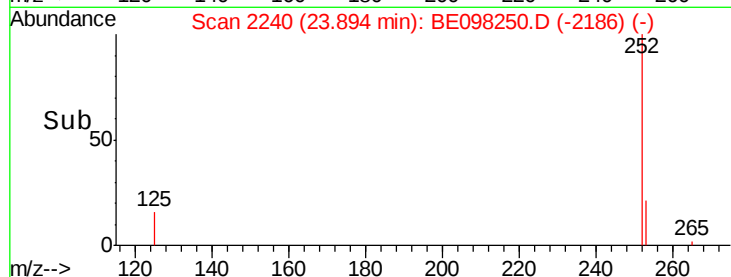
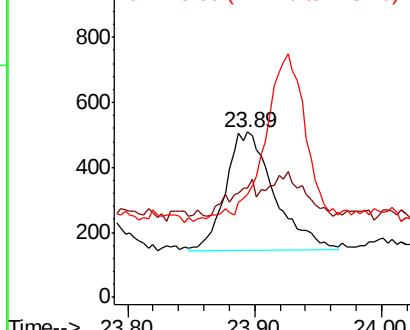
252 100

253 65.8 18.6 27.8#

125 62.3 8.0 12.0#



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



#39

Benzo(g,h,i)perylene

Concen: 0.035 ng

RT: 27.52 min Scan# 3253

Delta R.T. -0.02 min

Lab File: BE098250.D

Acq: 19 Nov 2018 12:59

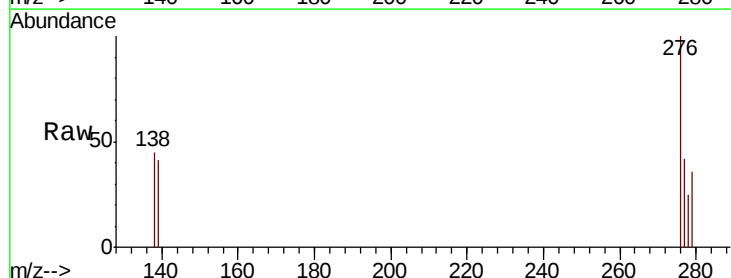
Tgt Ion:276 Resp: 908

Ion Ratio Lower Upper

276 100

277 41.6 20.4 30.6#

138 45.2 13.2 19.8#



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

