

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102418\
 Data File : BE098047.D
 Acq On : 24 Oct 2018 20:26
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 25 04:03:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 13:49:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1080	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	5286	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3668	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	9164	0.40	ng	0.00
27) Chrysene-d12	21.48	240	10610	0.40	ng	0.00
34) Perylene-d12	24.02	264	10617	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1204	0.37	ng	0.00
5) Phenol-d6	7.06	99	2048	0.38	ng	0.00
8) Nitrobenzene-d5	9.03	82	2084	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	3448	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	661	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5272	0.36	ng	0.00
25) Fluoranthene-d10	19.32	212	41822	0.36	ng	0.00
29) Terphenyl-d14	19.92	244	8825	0.35	ng	0.00

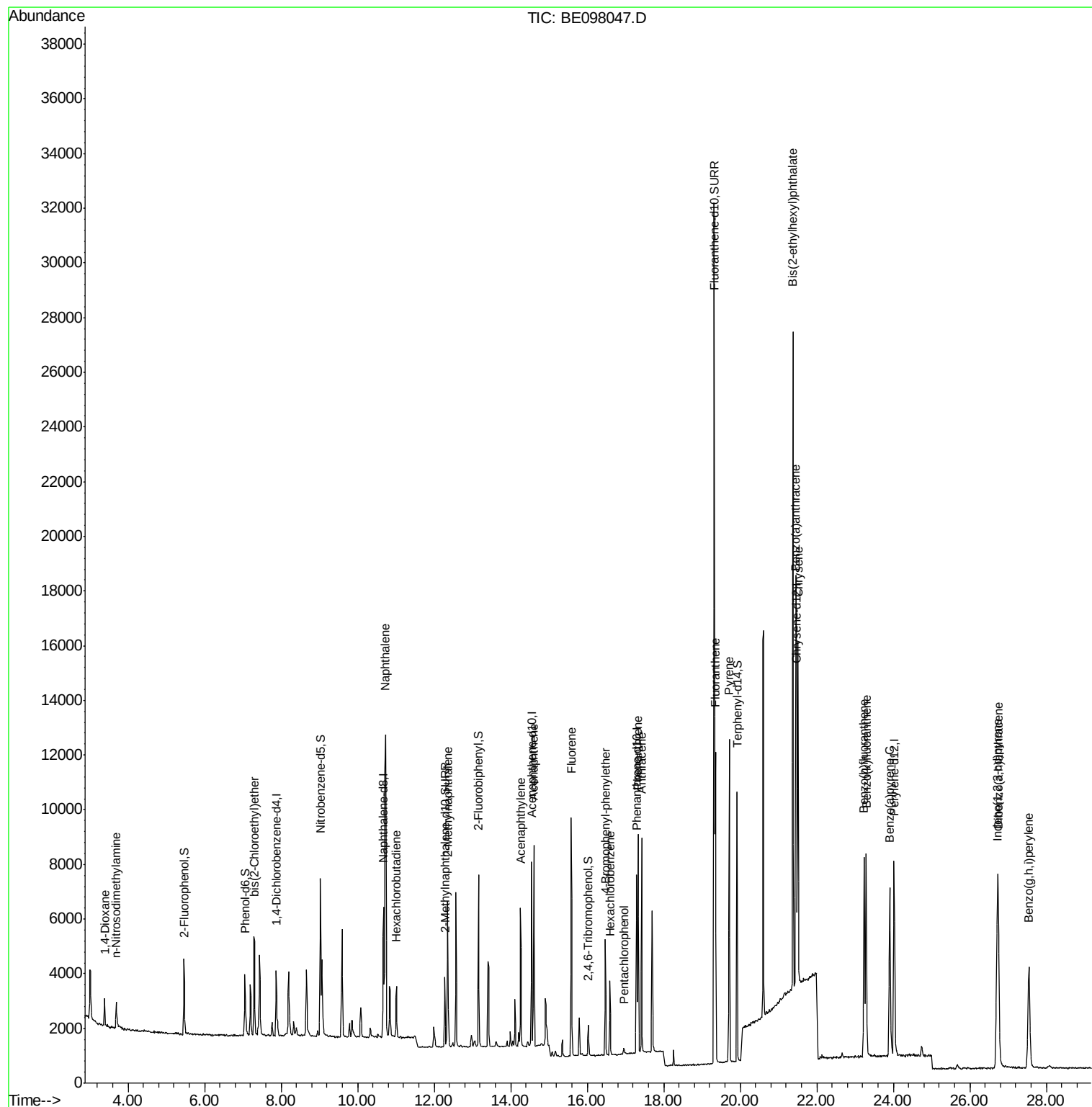
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	660	0.397	ng	90
3) n-Nitrosodimethylamine	3.70	42	813	0.367	ng	# 78
6) bis(2-Chloroethyl)ether	7.30	93	1267	0.332	ng	81
9) Naphthalene	10.73	128	19393	0.369	ng	100
10) Hexachlorobutadiene	11.02	225	1376	0.387	ng	98
12) 2-Methylnaphthalene	12.35	142	3508	0.369	ng	95
16) Acenaphthylene	14.26	152	6158	0.371	ng	98
17) Acenaphthene	14.60	154	3715	0.370	ng	98
18) Fluorene	15.58	166	4971	0.367	ng	98
20) 4-Bromophenyl-phenylether	16.48	248	1998	0.361	ng	92
21) Hexachlorobenzene	16.59	284	2108	0.365	ng	98
22) Pentachlorophenol	16.95	266	179	0.372	ng	# 82
23) Phenanthrene	17.33	178	8066	0.359	ng	100
24) Anthracene	17.42	178	7809	0.354	ng	99
26) Fluoranthene	19.35	202	9893	0.353	ng	# 95
28) Pyrene	19.71	202	10355	0.353	ng	100
30) Benzo(a)anthracene	21.45	228	11427	0.365	ng	99
31) Chrysene	21.51	228	10769	0.354	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	25385	0.341	ng	99
33) Indeno(1,2,3-cd)pyrene	26.72	276	11980	0.360	ng	# 87
35) Benzo(b)fluoranthene	23.24	252	10607	0.360	ng	# 90
36) Benzo(k)fluoranthene	23.29	252	10851	0.354	ng	# 91
37) Benzo(a)pyrene	23.91	252	10318	0.356	ng	# 91
38) Dibenzo(a,h)anthracene	26.74	278	10049	0.356	ng	# 93
39) Benzo(g,h,i)perylene	27.54	276	9971	0.356	ng	# 90

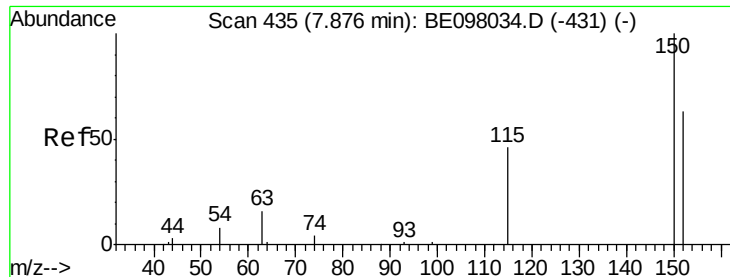
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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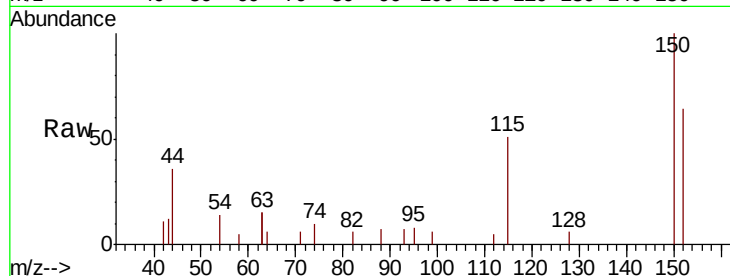


#1

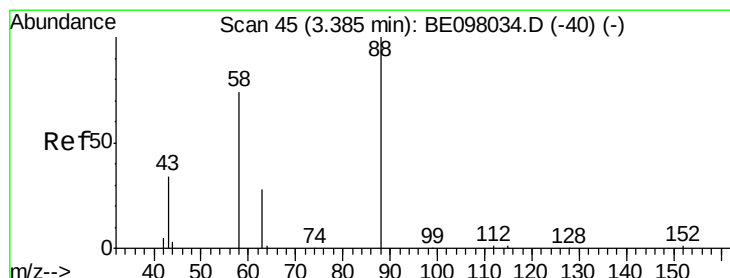
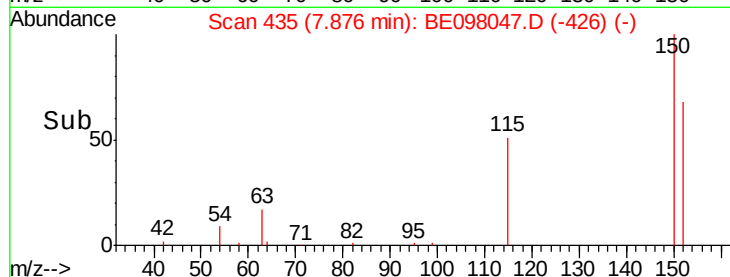
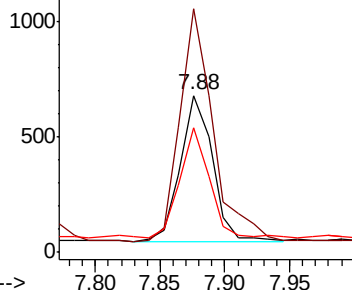
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1080
Ion Ratio Lower Upper
152 100
150 155.3 118.2 177.4
115 79.1 50.9 76.3#



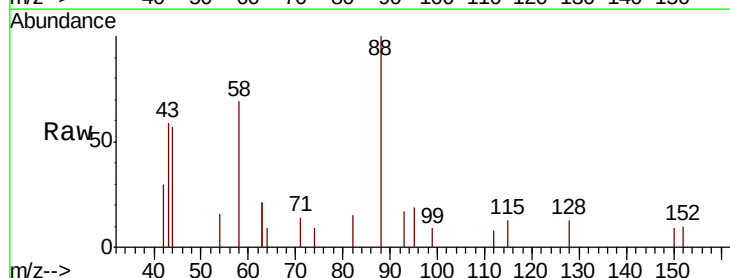
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



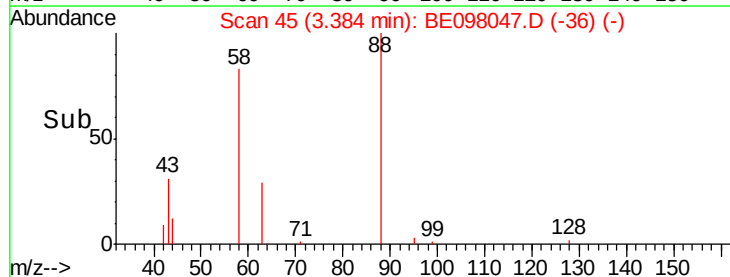
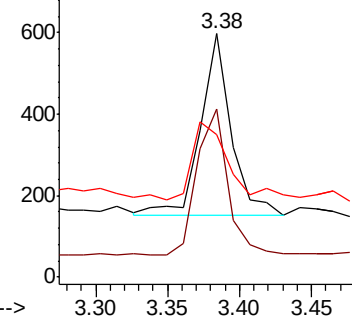
#2

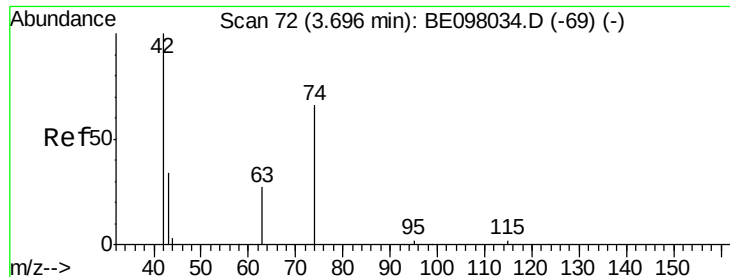
1,4-Dioxane
Concen: 0.397 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion: 88 Resp: 660
Ion Ratio Lower Upper
88 100
58 80.0 73.2 109.8
43 50.0 36.9 55.3



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: 0.367 ng

RT: 3.70 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

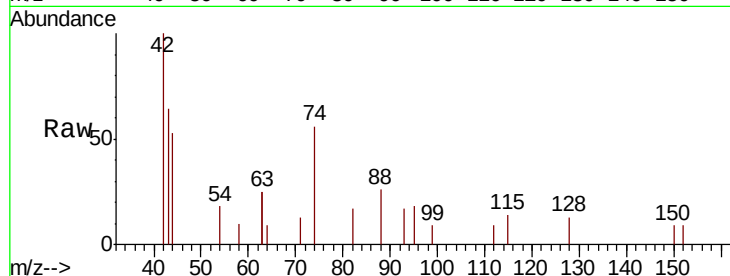
Tgt Ion: 42 Resp: 813

Ion Ratio Lower Upper

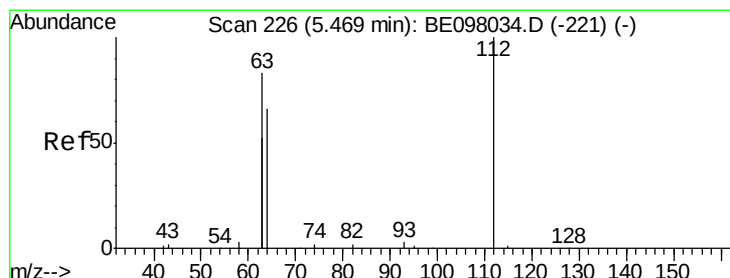
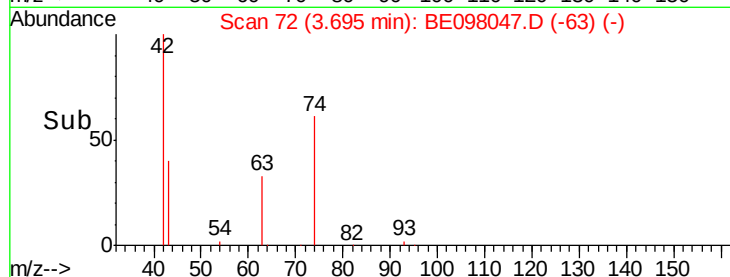
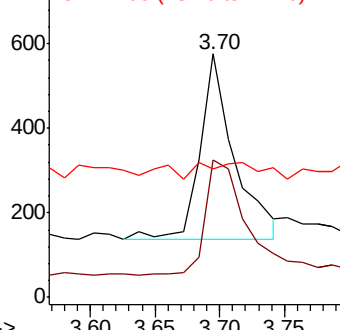
42 100

74 74.5 77.6 116.4#

44 16.1 7.6 11.4#



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: 0.368 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

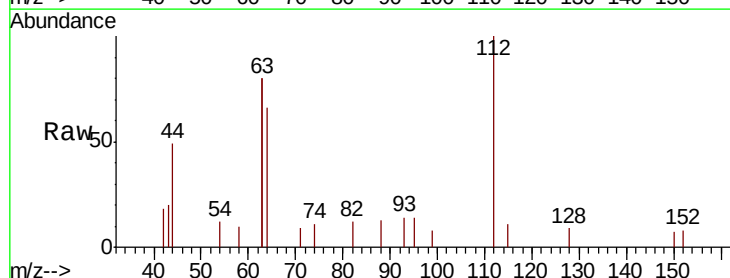
Tgt Ion: 112 Resp: 1204

Ion Ratio Lower Upper

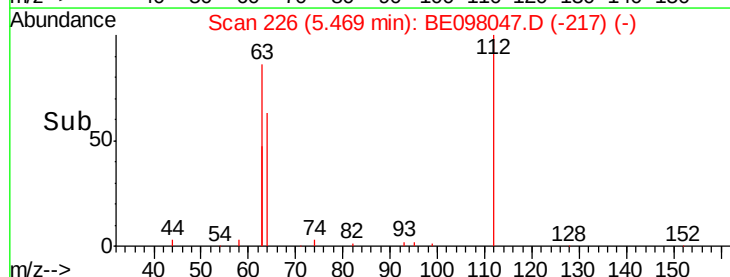
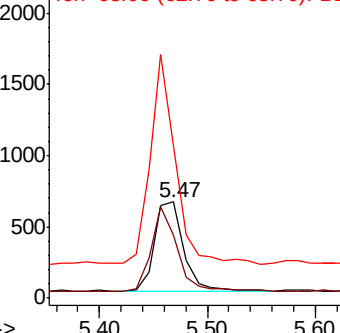
112 100

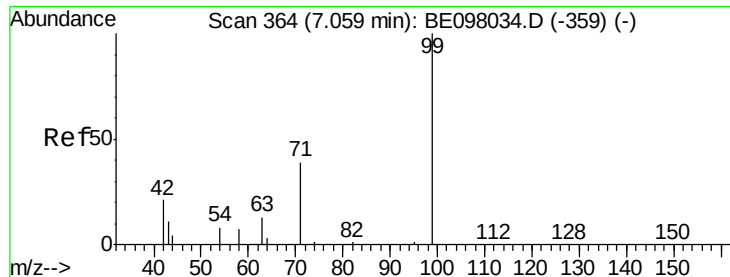
64 83.8 58.9 88.3

63 198.7 120.3 180.5#



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: 0.376 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

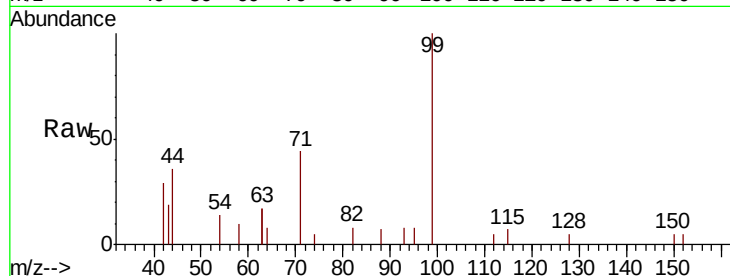
Tgt Ion: 99 Resp: 2048

Ion Ratio Lower Upper

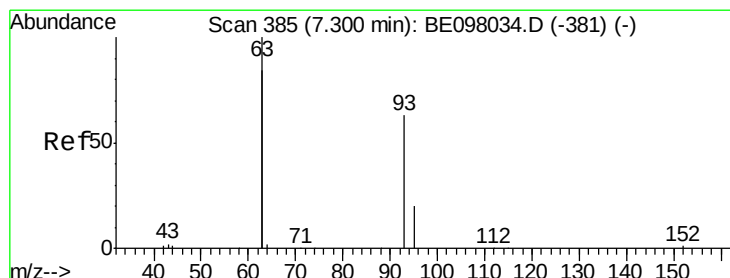
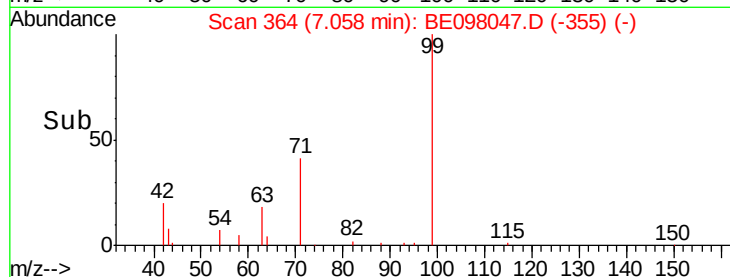
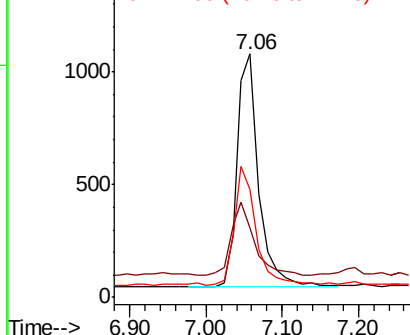
99 100

42 34.3 19.9 29.9#

71 50.2 27.8 41.8#



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: 0.332 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

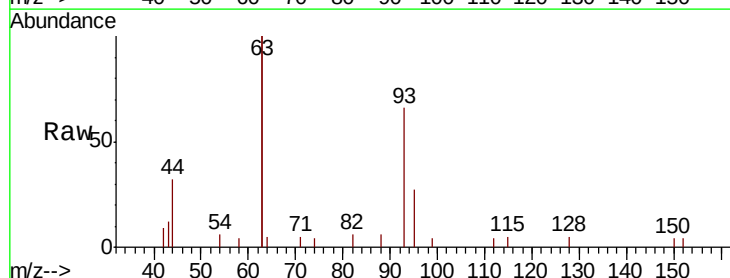
Tgt Ion: 93 Resp: 1267

Ion Ratio Lower Upper

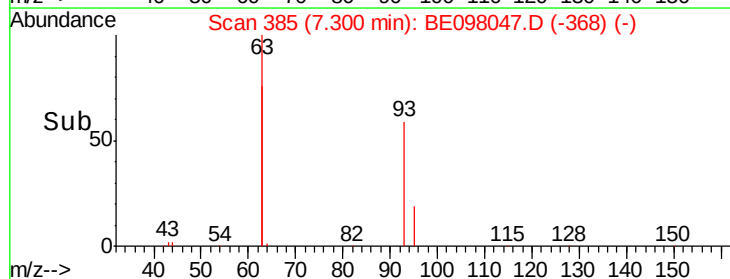
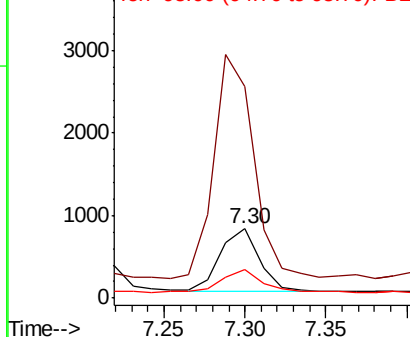
93 100

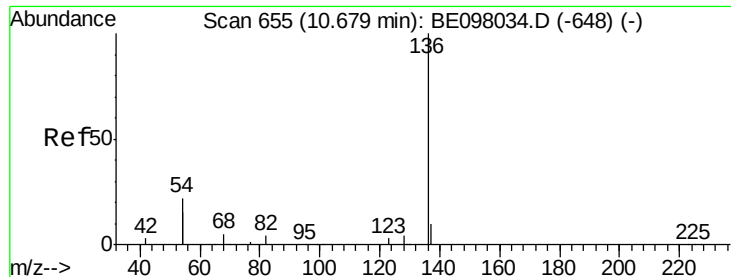
63 365.7 259.0 388.4

95 37.5 27.8 41.8



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: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 5286

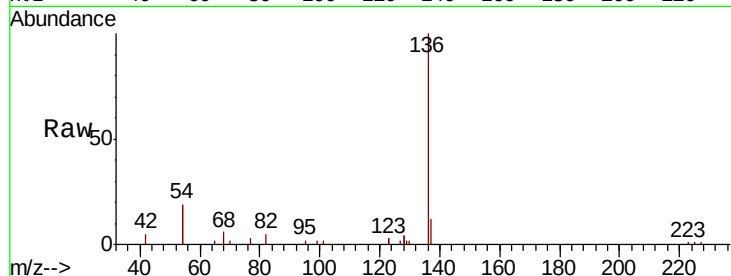
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 38.5 27.7 41.5

68 6.2 5.3 7.9

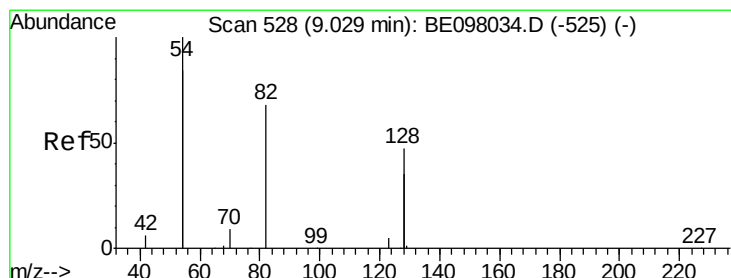
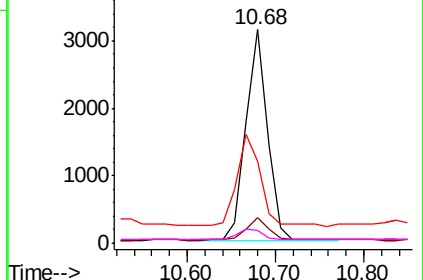
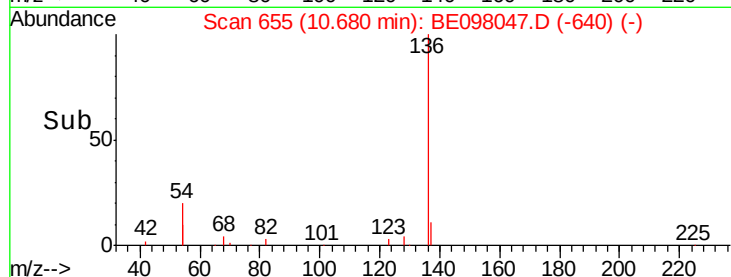


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

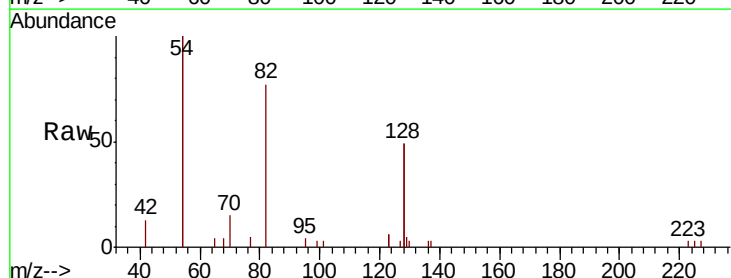
Tgt Ion: 82 Resp: 2084

Ion Ratio Lower Upper

82 100

128 127.8 129.9 194.9#

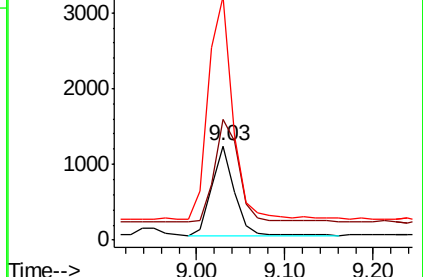
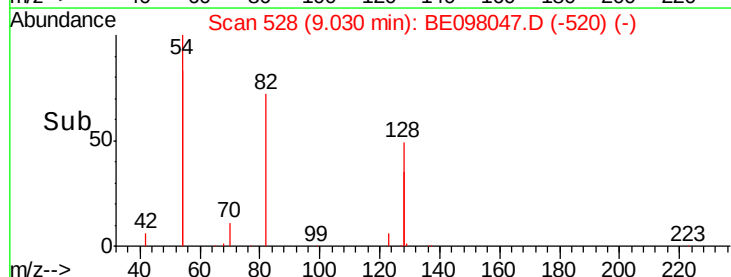
54 258.4 174.0 261.0

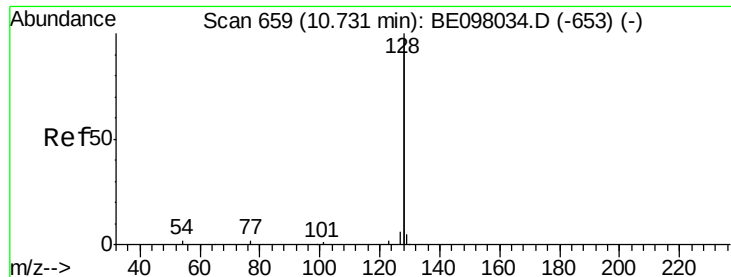


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.369 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

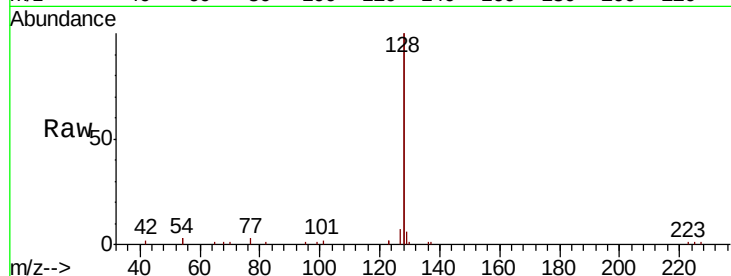
Tgt Ion:128 Resp: 19393

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

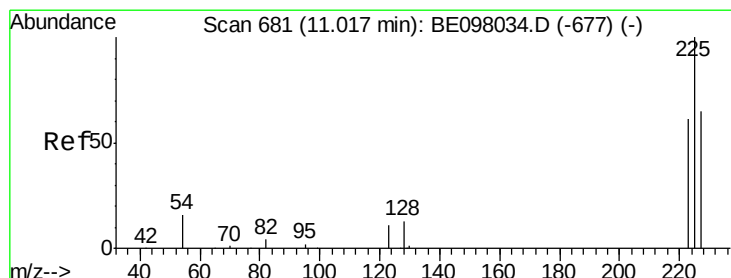
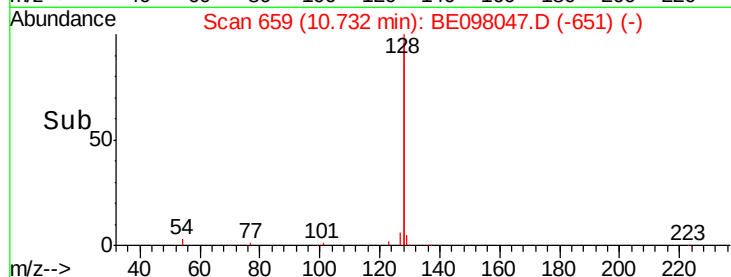
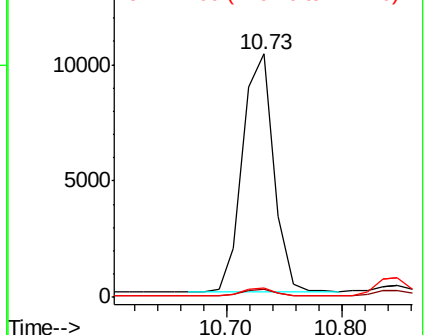
127 3.7 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 0.387 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

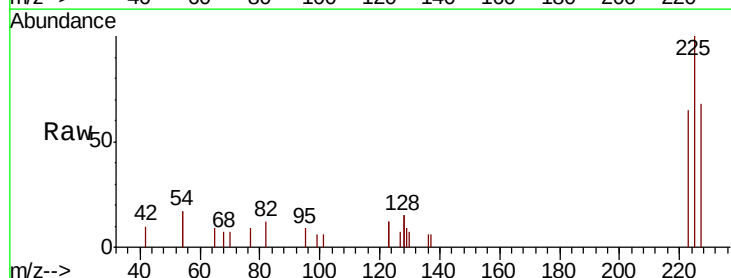
Tgt Ion:225 Resp: 1376

Ion Ratio Lower Upper

225 100

223 63.4 51.8 77.8

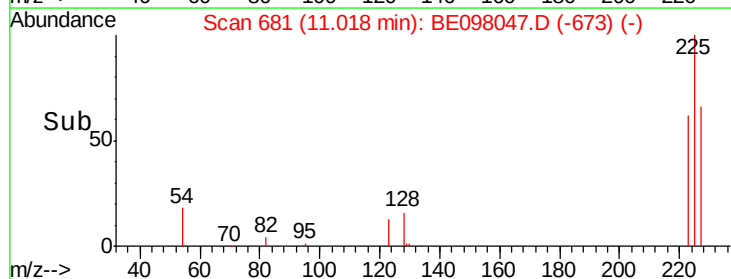
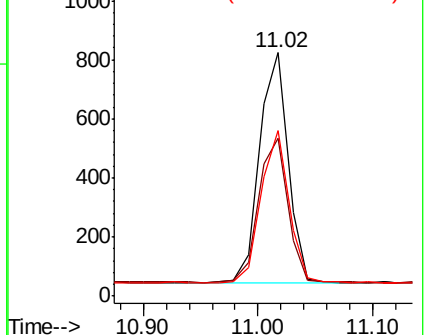
227 64.4 53.0 79.6

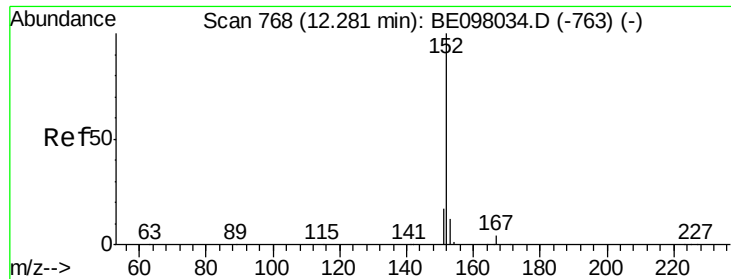


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

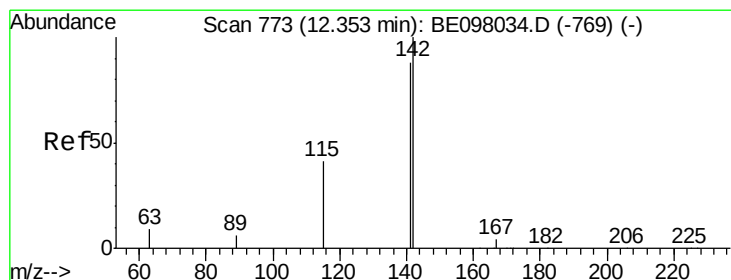
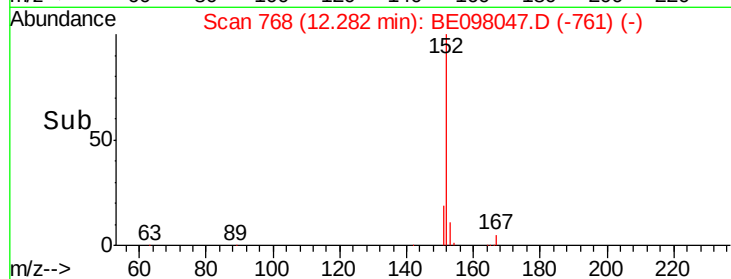
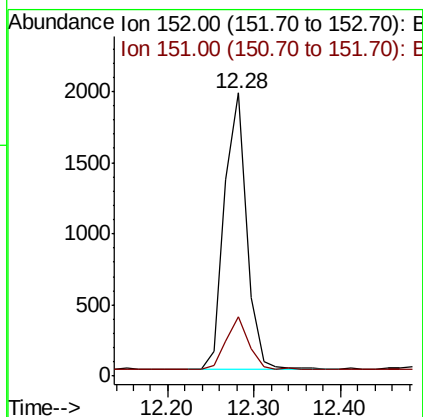
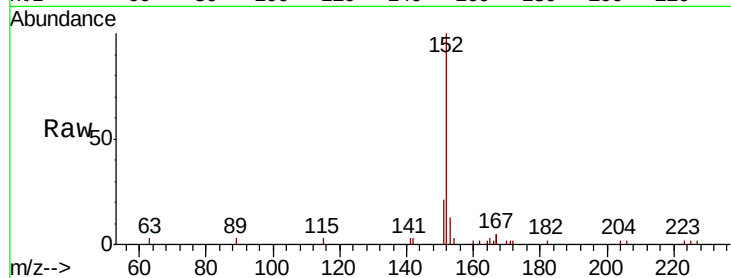




#11
 2-Methylnaphthalene-d10
 Concen: 0.368 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE098047.D
 Acq: 24 Oct 2018 20:26

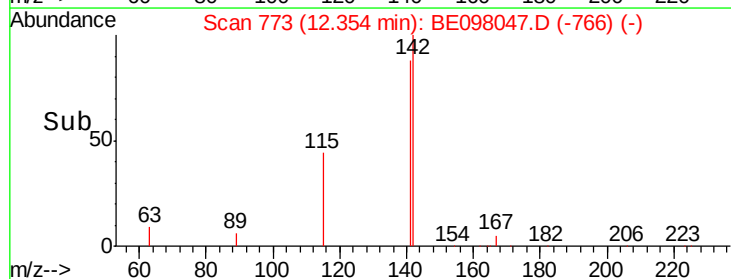
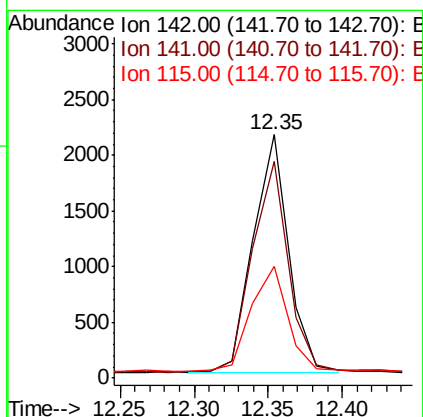
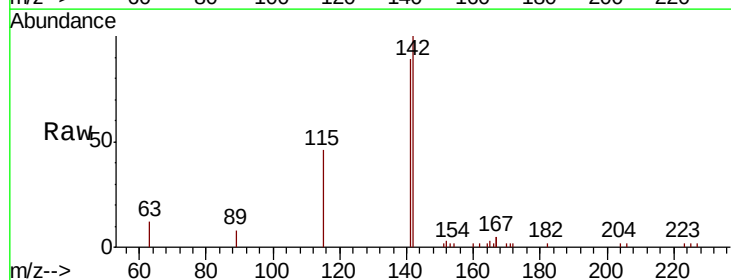
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

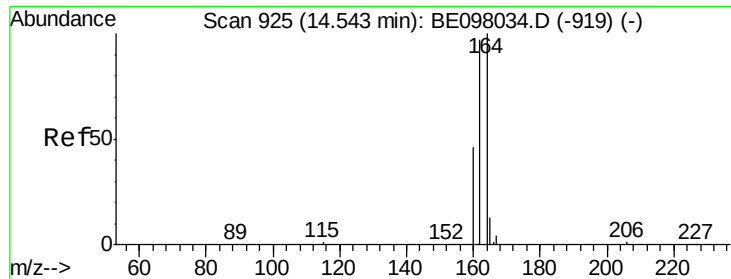
Tgt Ion:152 Resp: 3448
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.369 ng
 RT: 12.35 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BE098047.D
 Acq: 24 Oct 2018 20:26

Tgt Ion:142 Resp: 3508
 Ion Ratio Lower Upper
 142 100
 141 88.8 69.8 104.6
 115 45.7 30.5 45.7

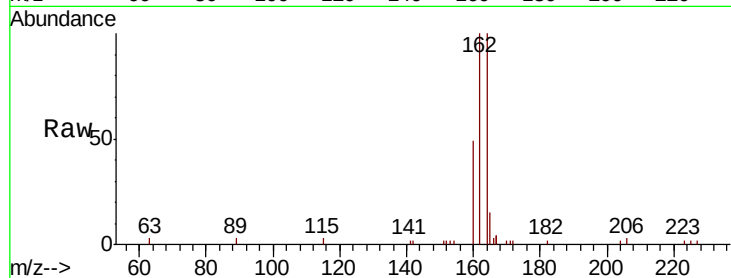




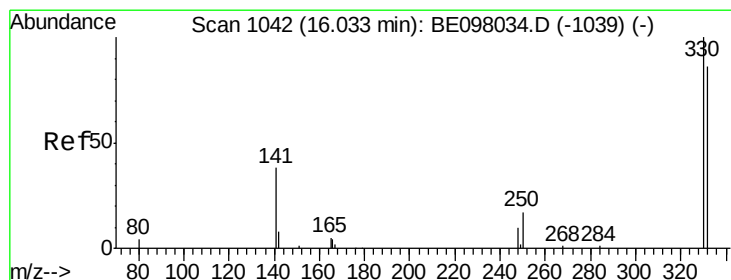
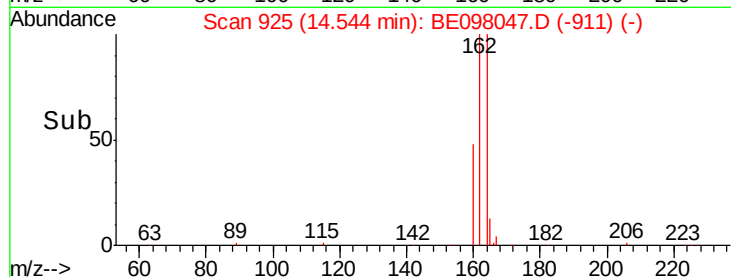
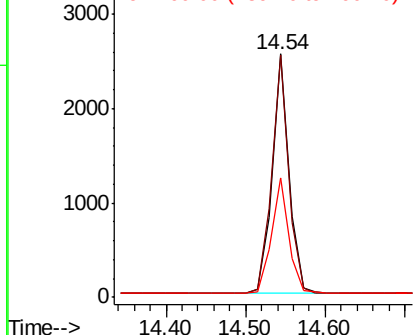
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BE098047.D
 Acq: 24 Oct 2018 20:26

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 3668
 Ion Ratio Lower Upper
 164 100
 162 99.7 77.4 116.2
 160 49.2 36.5 54.7

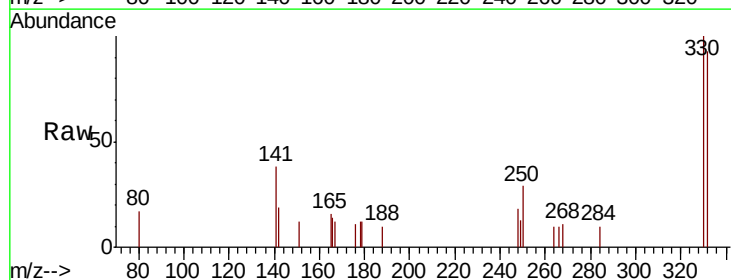


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

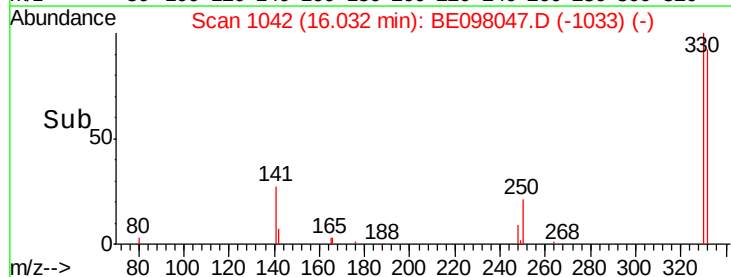
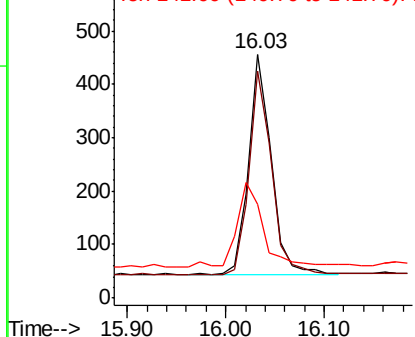


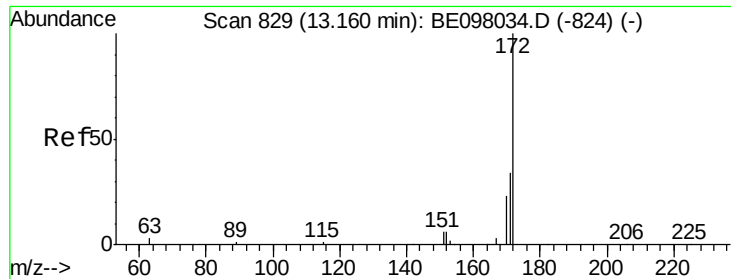
#14
 2,4,6-Tribromophenol
 Concen: 0.358 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE098047.D
 Acq: 24 Oct 2018 20:26

Tgt Ion:330 Resp: 661
 Ion Ratio Lower Upper
 330 100
 332 92.0 76.5 114.7
 141 44.8 31.8 47.6



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

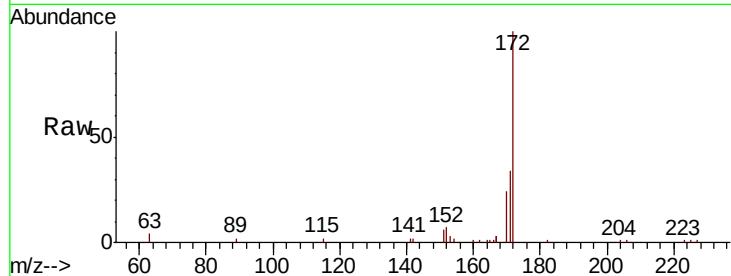




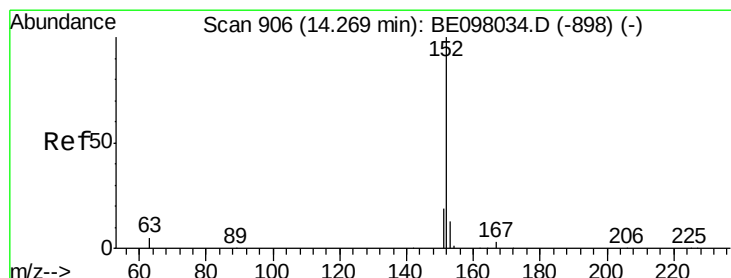
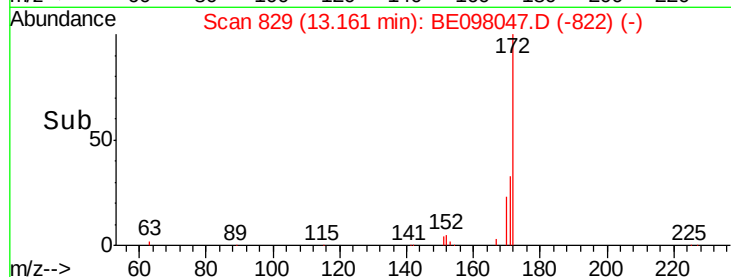
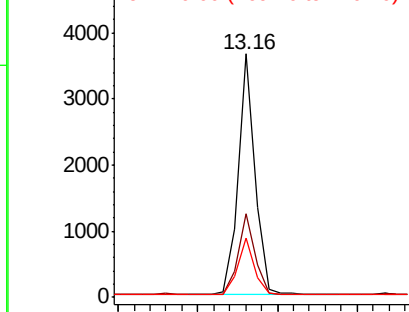
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5272
Ion Ratio Lower Upper
172 100
171 34.5 26.0 39.0
170 24.1 18.0 27.0

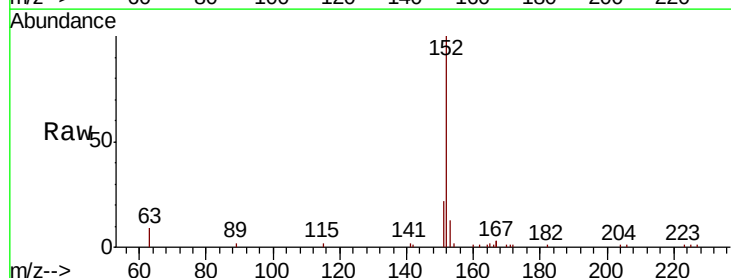


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

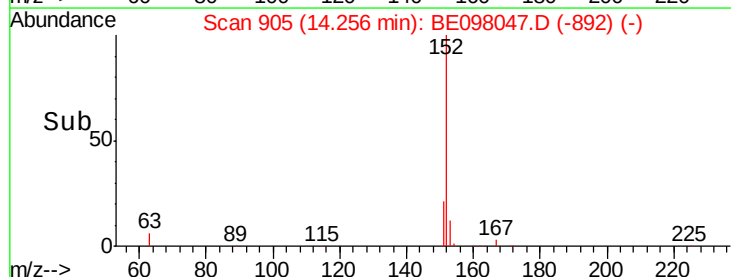
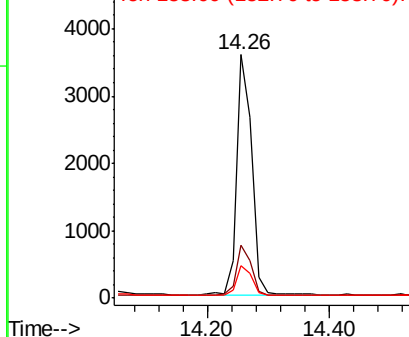


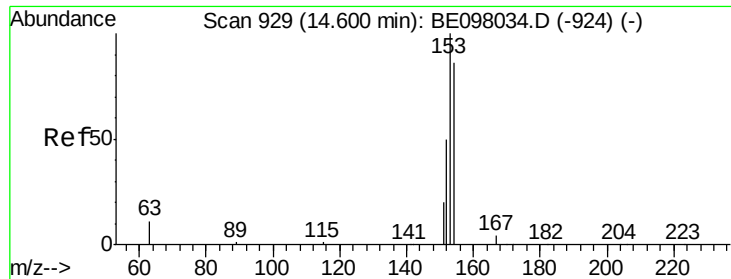
#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:152 Resp: 6158
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 12.7 10.9 16.3



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: 0.370 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

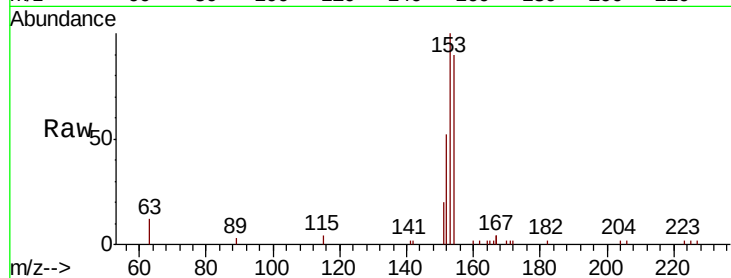
Tgt Ion:154 Resp: 3715

Ion Ratio Lower Upper

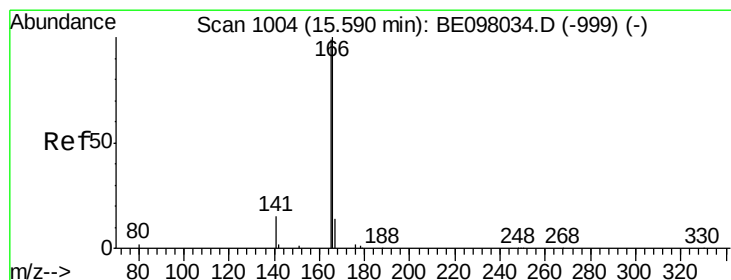
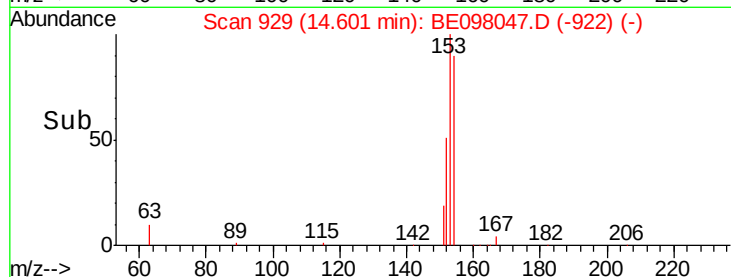
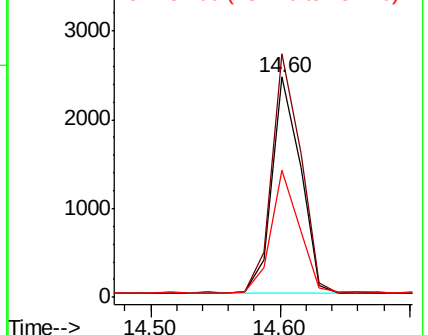
154 100

153 113.2 92.6 139.0

152 56.2 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: 0.367 ng

RT: 15.58 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

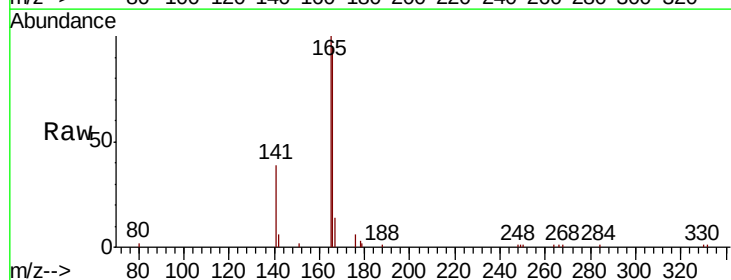
Tgt Ion:166 Resp: 4971

Ion Ratio Lower Upper

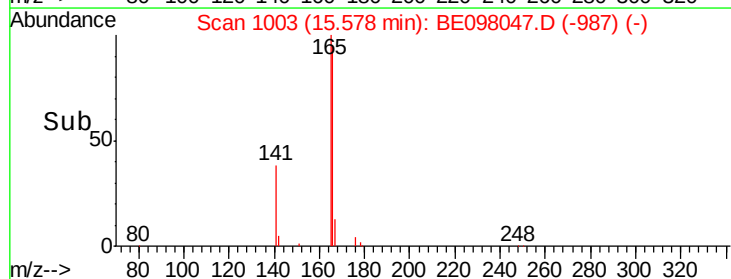
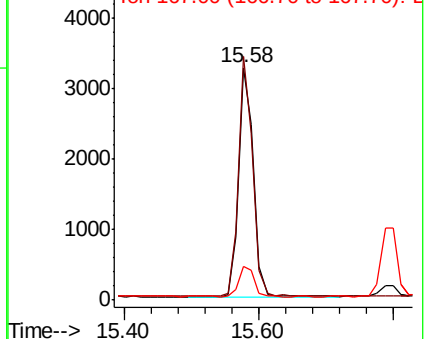
166 100

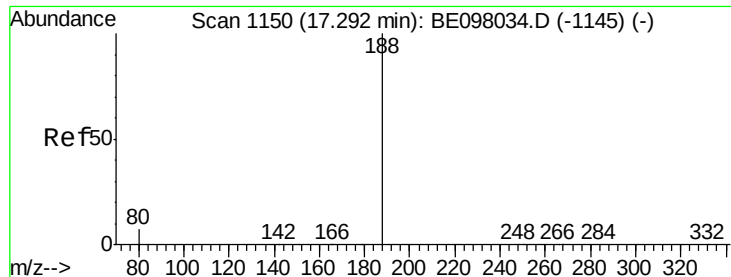
165 100.4 78.2 117.4

167 13.7 11.0 16.6



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: 17.29 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

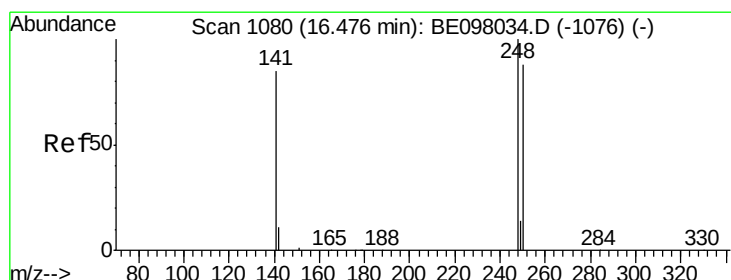
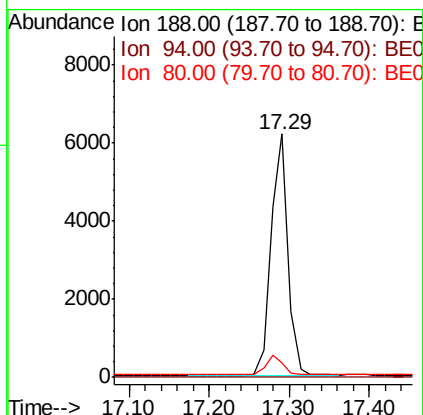
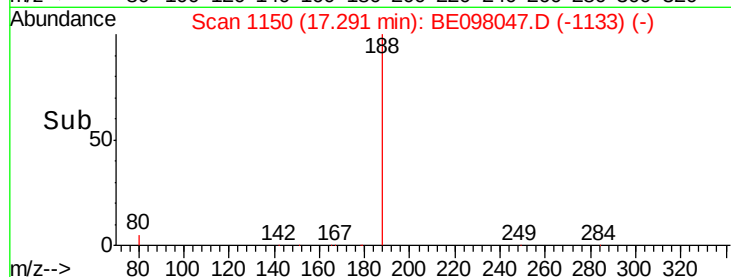
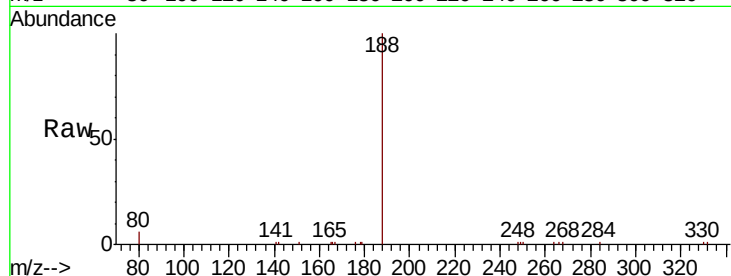
Tgt Ion:188 Resp: 9164

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.0 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.361 ng

RT: 16.48 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

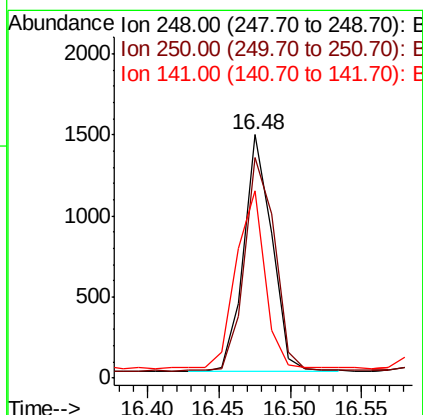
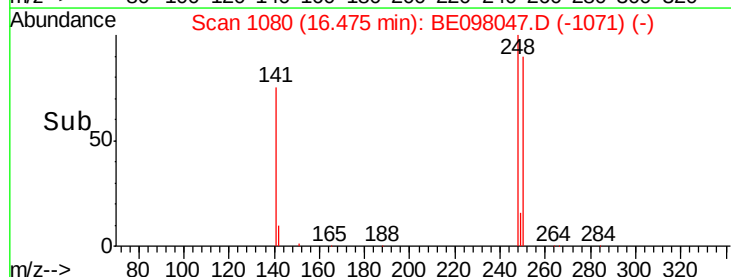
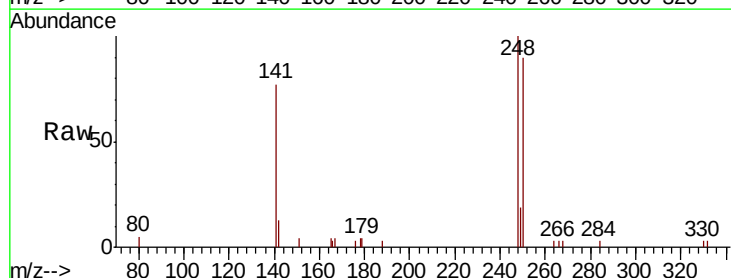
Tgt Ion:248 Resp: 1998

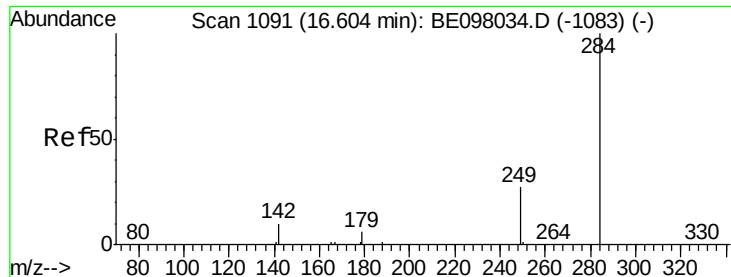
Ion Ratio Lower Upper

248 100

250 90.4 75.1 112.7

141 76.8 51.8 77.8





#21

Hexachlorobenzene

Concen: 0.365 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

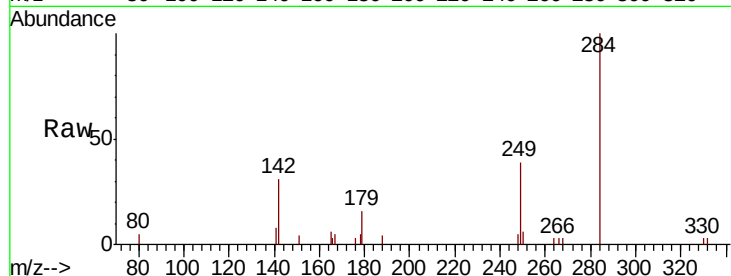
Tgt Ion:284 Resp: 2108

Ion Ratio Lower Upper

284 100

142 32.4 25.9 38.9

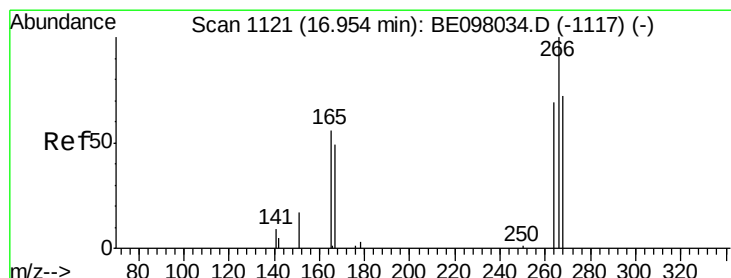
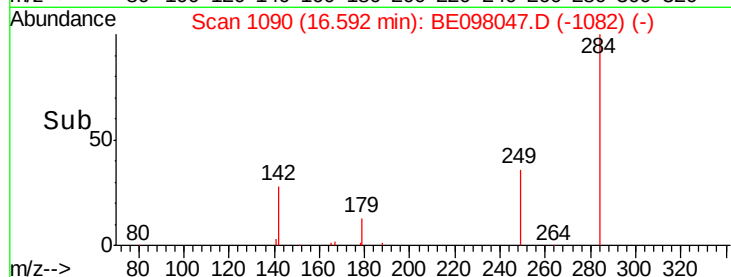
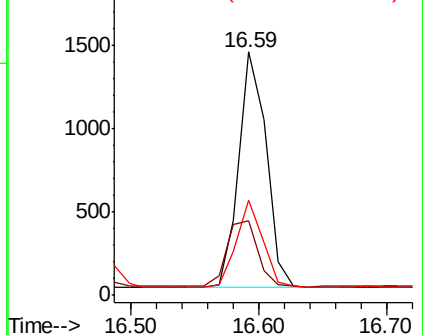
249 35.4 26.6 40.0



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: 0.372 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

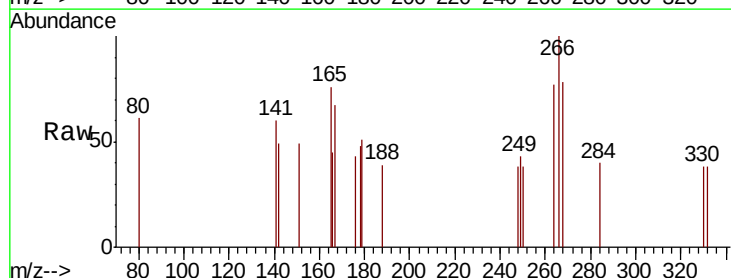
Tgt Ion:266 Resp: 179

Ion Ratio Lower Upper

266 100

264 76.7 51.3 76.9

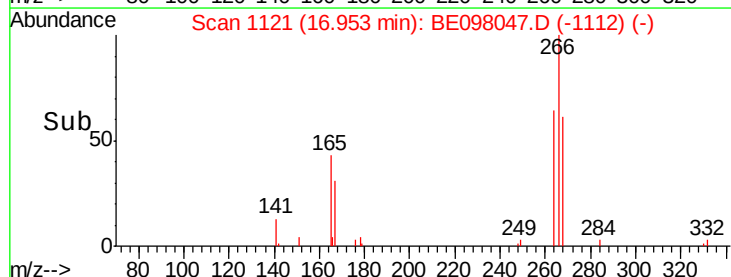
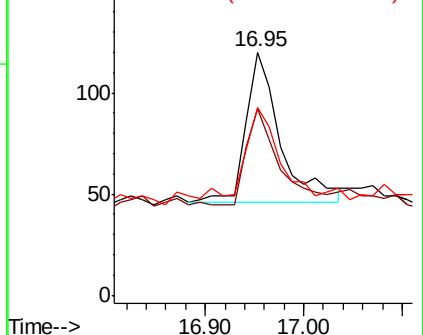
268 77.5 50.1 75.1#

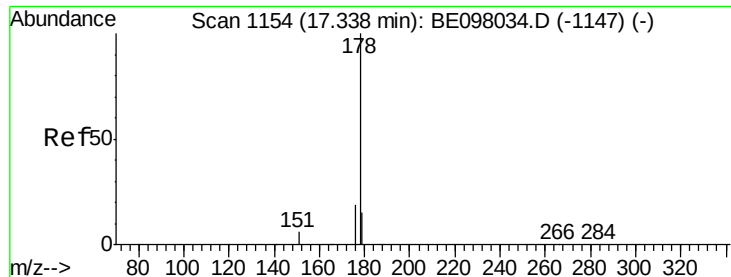


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.359 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

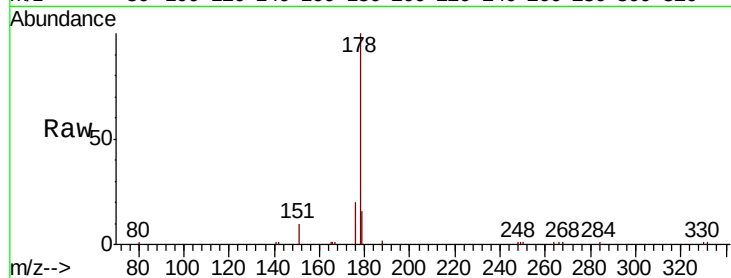
Tgt Ion:178 Resp: 8066

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

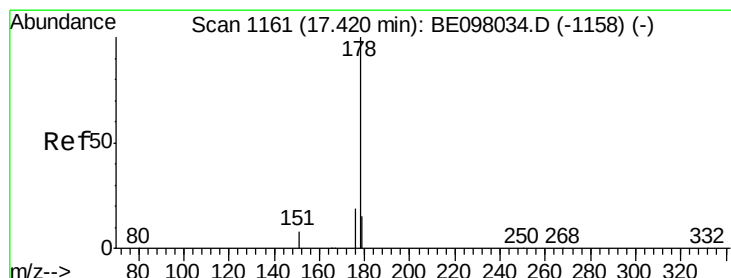
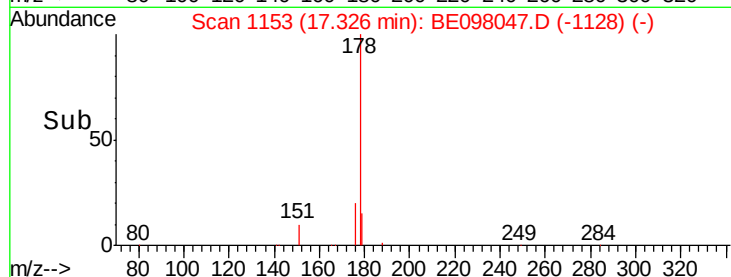
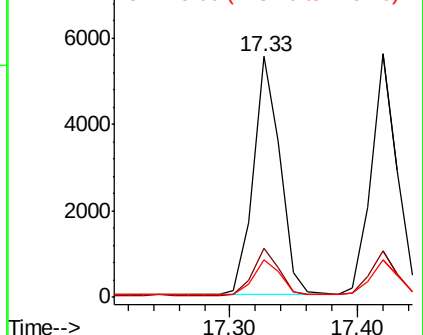
179 15.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.354 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

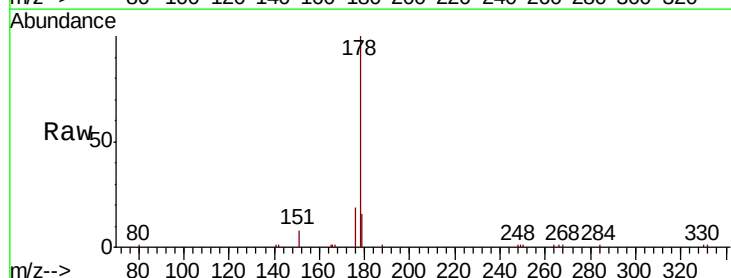
Tgt Ion:178 Resp: 7809

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

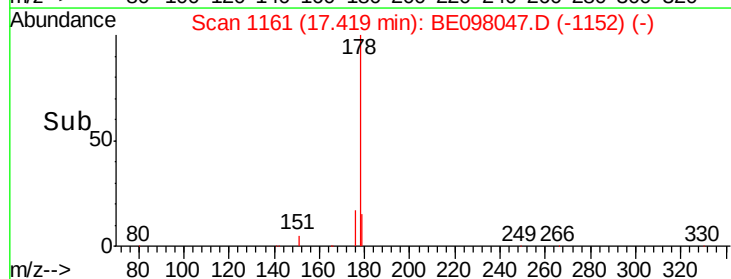
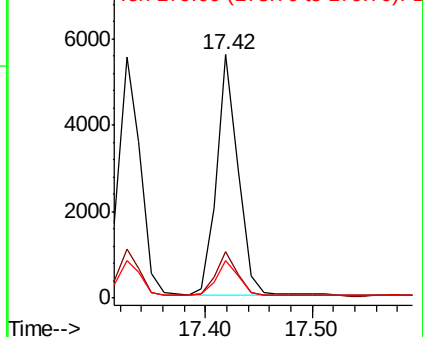
179 15.3 11.9 17.9

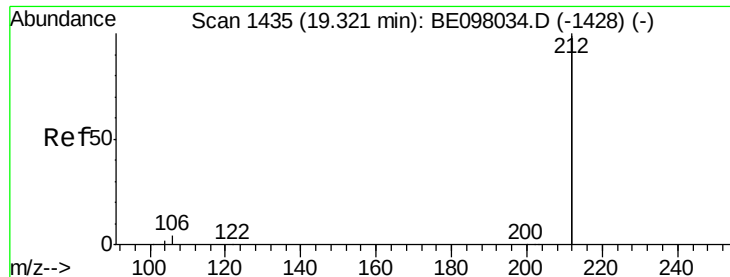


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

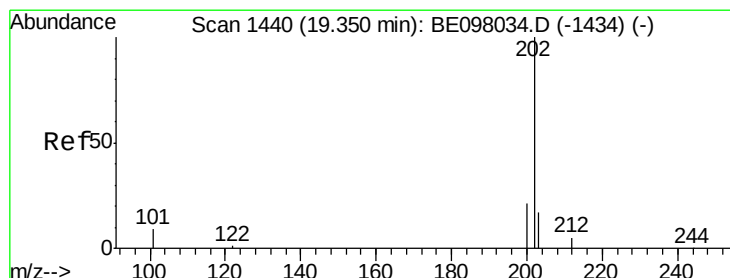
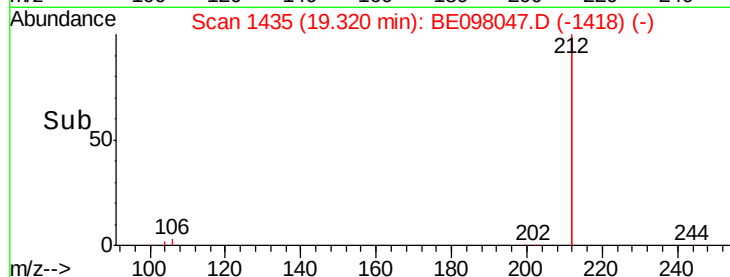
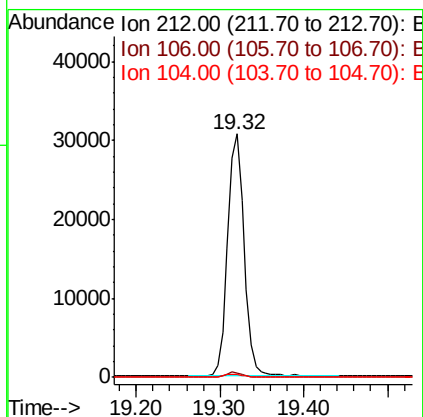
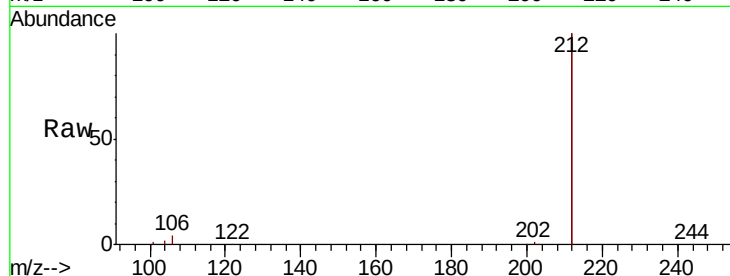




#25
 Fluoranthene-d10
 Concen: 0.356 ng
 RT: 19.32 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BE098047.D
 Acq: 24 Oct 2018 20:26

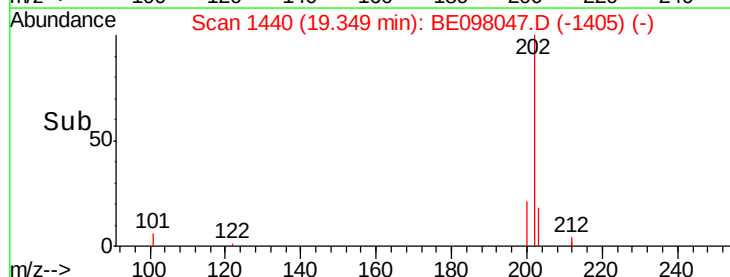
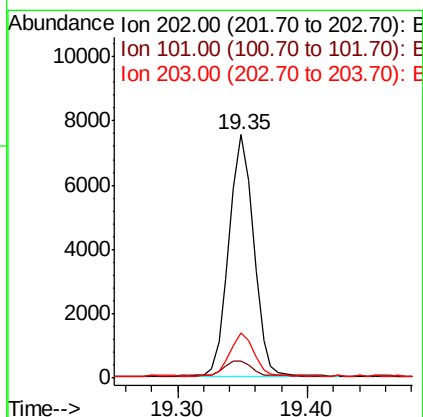
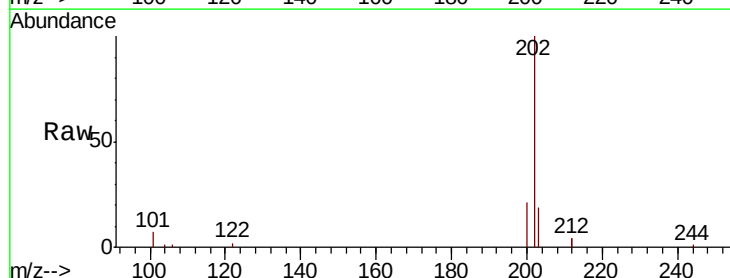
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

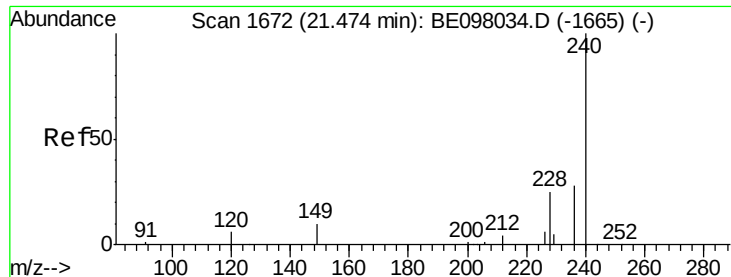
Tgt Ion: 212 Resp: 41822
 Ion Ratio Lower Upper
 212 100
 106 1.9 2.3 3.5#
 104 1.2 1.3 1.9#



#26
 Fluoranthene
 Concen: 0.353 ng
 RT: 19.35 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BE098047.D
 Acq: 24 Oct 2018 20:26

Tgt Ion: 202 Resp: 9893
 Ion Ratio Lower Upper
 202 100
 101 7.2 8.2 12.2#
 203 17.1 15.0 22.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.48 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

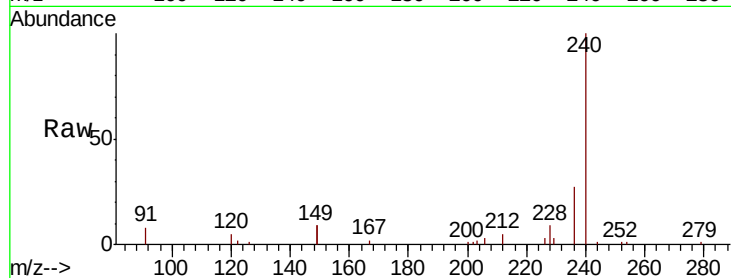
Tgt Ion:240 Resp: 10610

Ion Ratio Lower Upper

240 100

120 4.9 7.1 10.7#

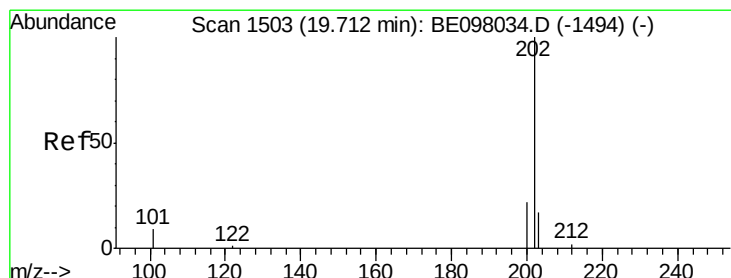
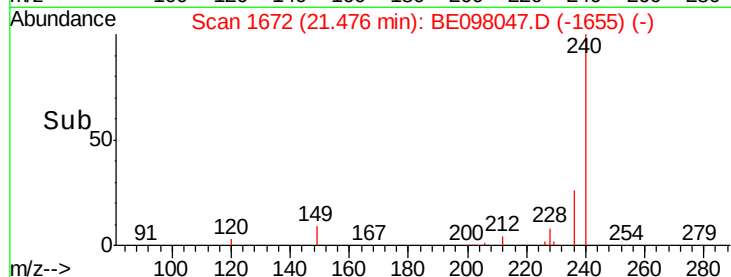
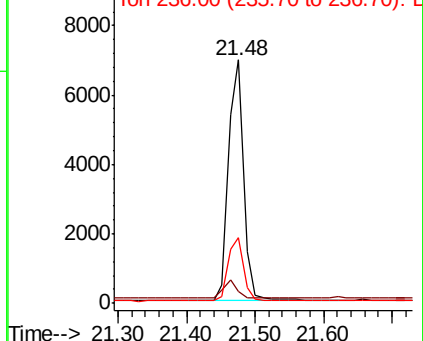
236 27.0 21.3 31.9



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: 0.353 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

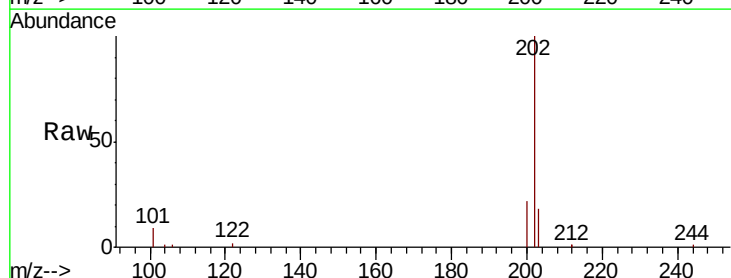
Tgt Ion:202 Resp: 10355

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

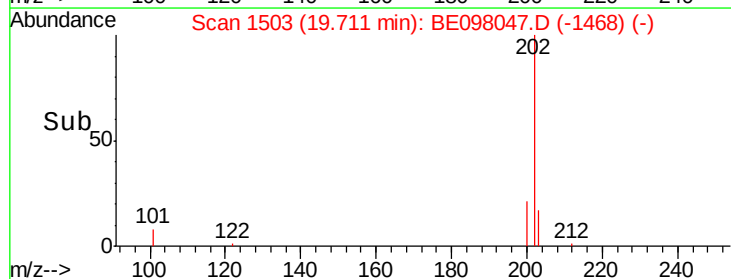
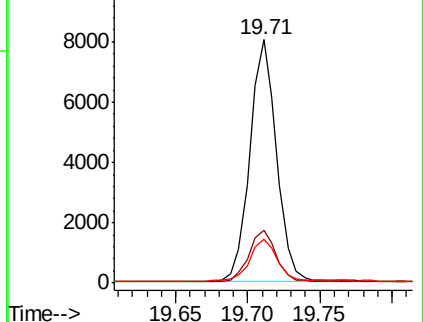
203 17.7 14.2 21.4

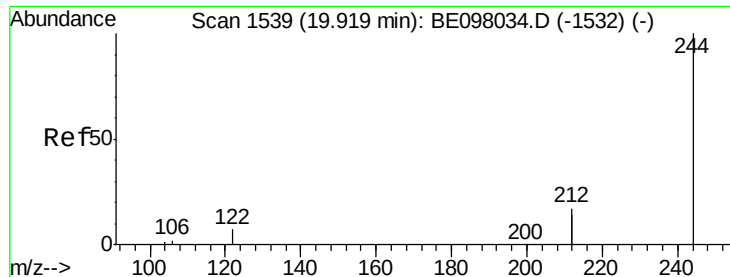


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.353 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

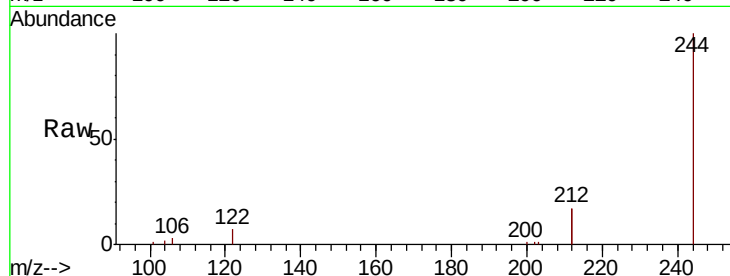
Tgt Ion:244 Resp: 8825

Ion Ratio Lower Upper

244 100

212 34.6 26.2 39.2

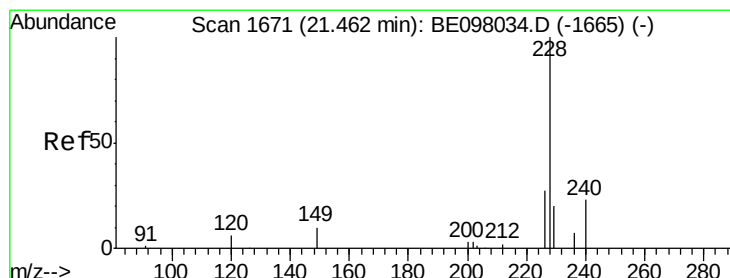
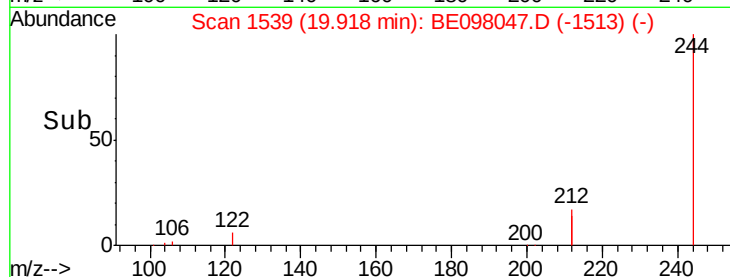
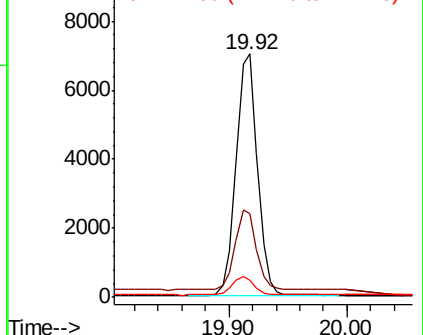
122 7.2 7.7 11.5#



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: 0.365 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

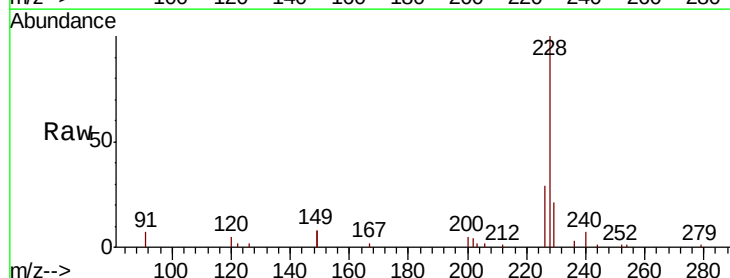
Tgt Ion:228 Resp: 11427

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

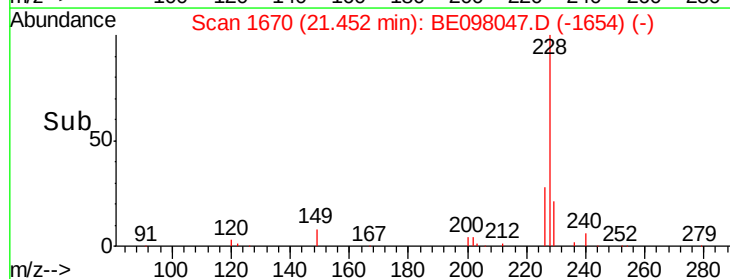
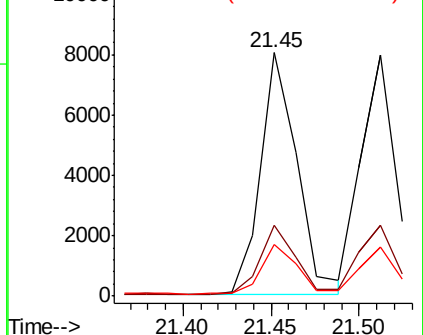
229 21.2 16.9 25.3

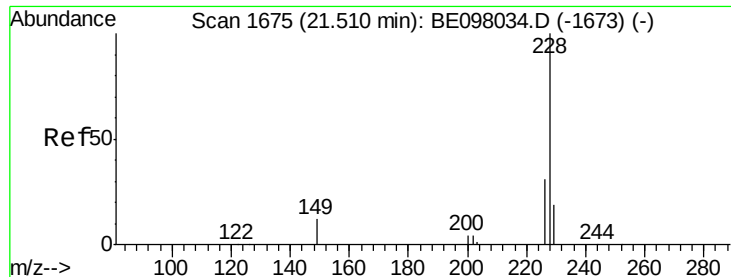


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.354 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

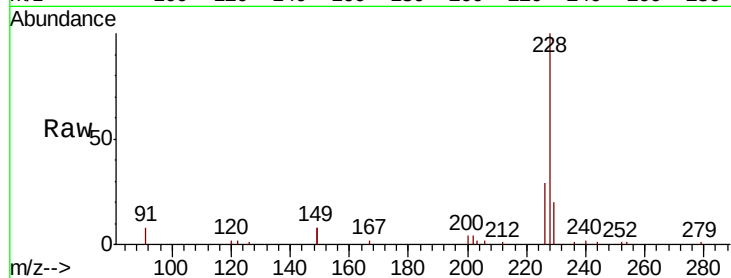
Tgt Ion:228 Resp: 10769

Ion Ratio Lower Upper

228 100

226 29.5 24.3 36.5

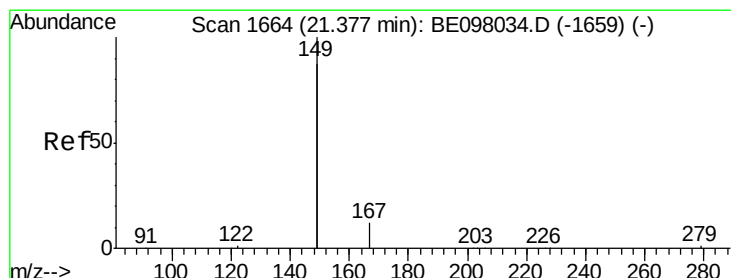
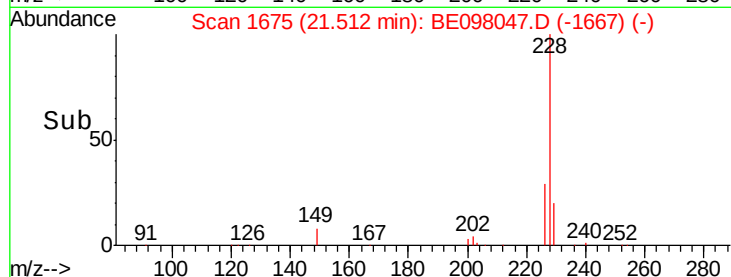
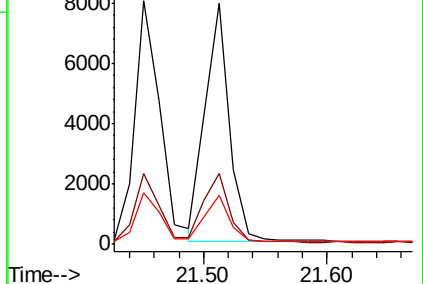
229 20.4 17.3 25.9



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: 0.341 ng

RT: 21.38 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

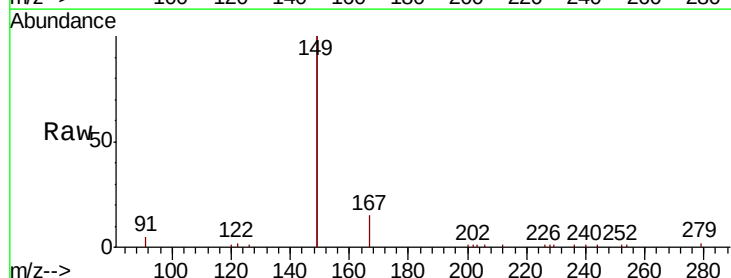
Tgt Ion:149 Resp: 25385

Ion Ratio Lower Upper

149 100

167 7.2 5.6 8.4

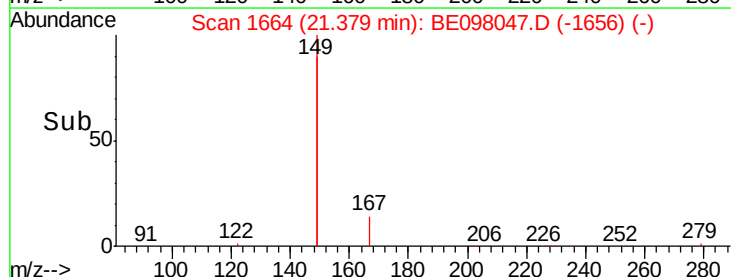
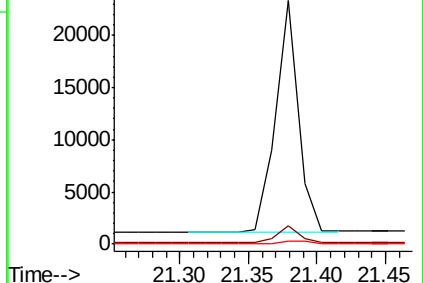
279 1.3 0.9 1.3

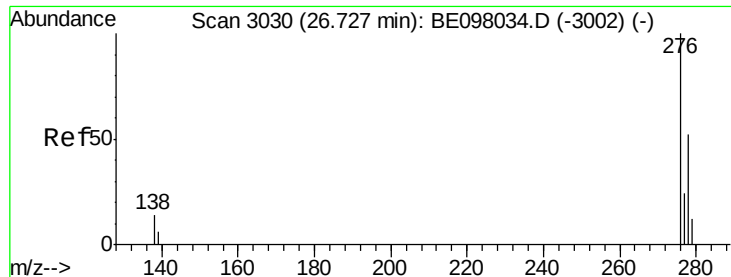


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.360 ng

RT: 26.72 min Scan# 3027

Delta R.T. -0.01 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

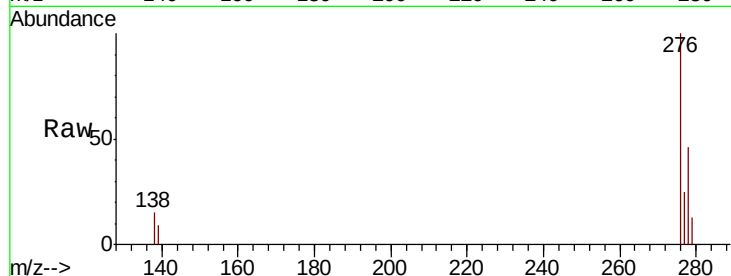
Tgt Ion:276 Resp: 11980

Ion Ratio Lower Upper

276 100

138 7.6 17.0 25.6#

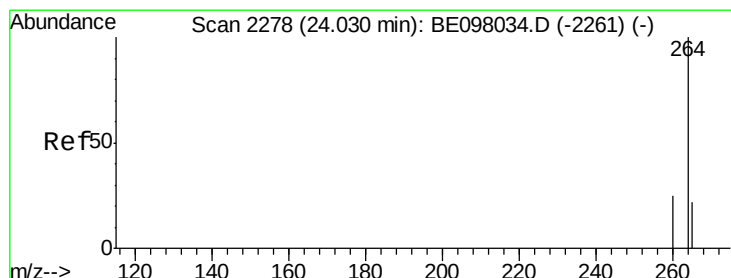
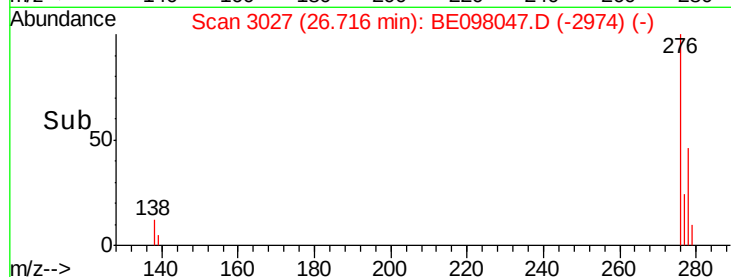
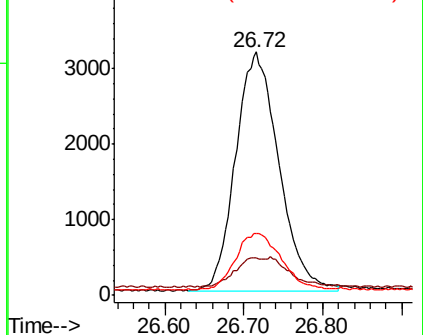
277 25.5 20.5 30.7



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: 24.02 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

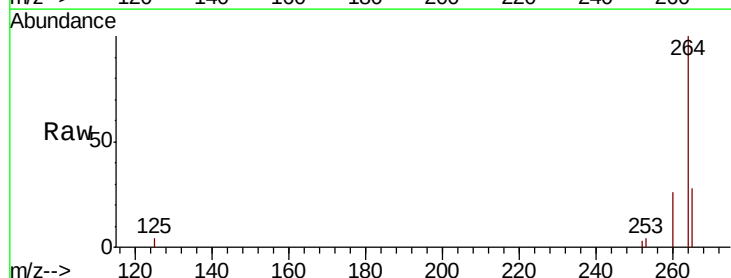
Tgt Ion:264 Resp: 10617

Ion Ratio Lower Upper

264 100

260 25.6 21.1 31.7

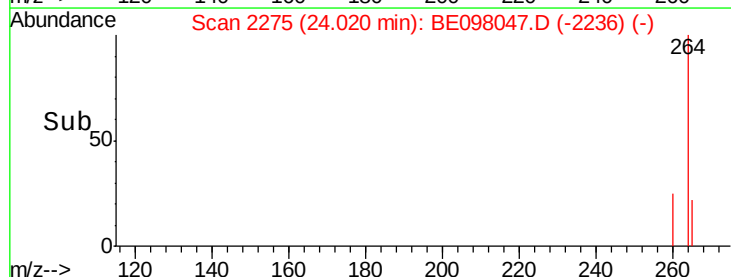
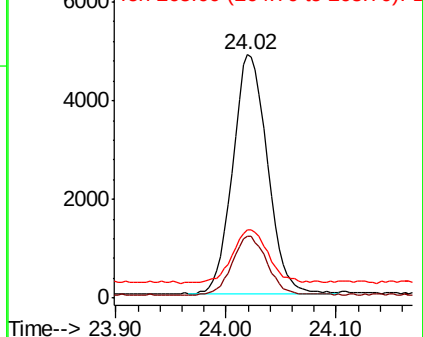
265 28.0 29.2 43.8#

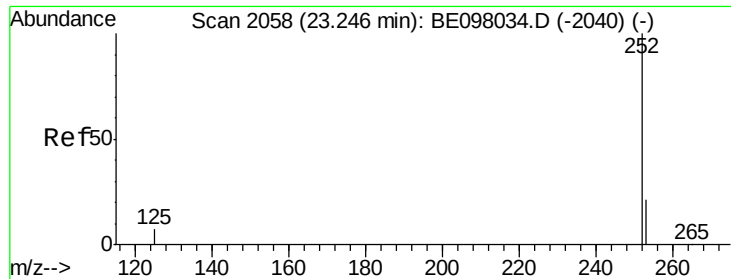


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.360 ng

RT: 23.24 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

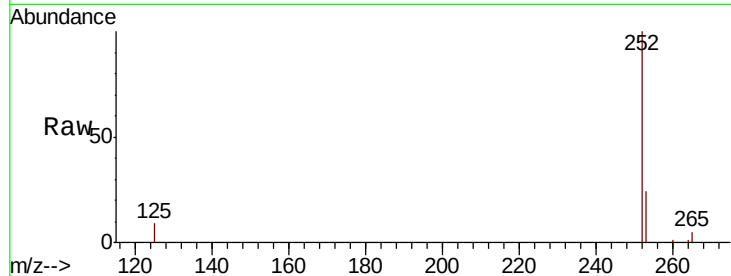
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

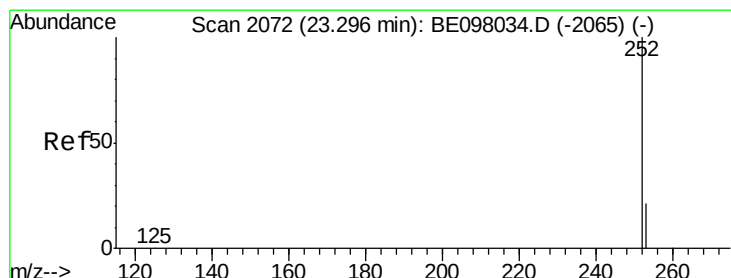
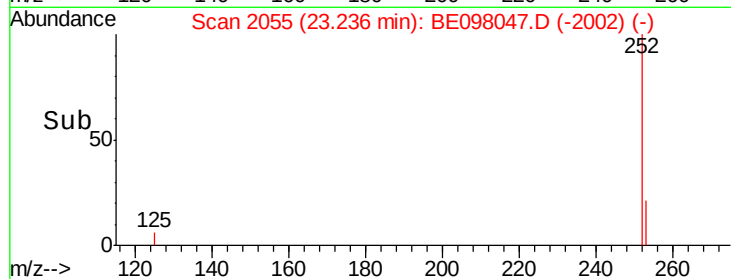
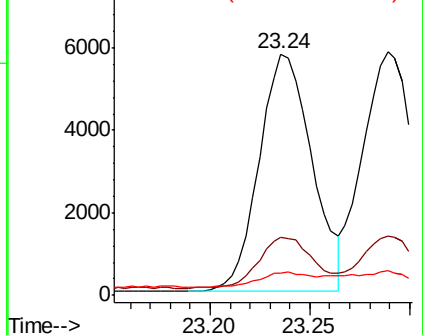
Tgt Ion:	252	Resp:	10607
Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.6	31.0
125	9.1	14.3	21.5#



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: 0.354 ng

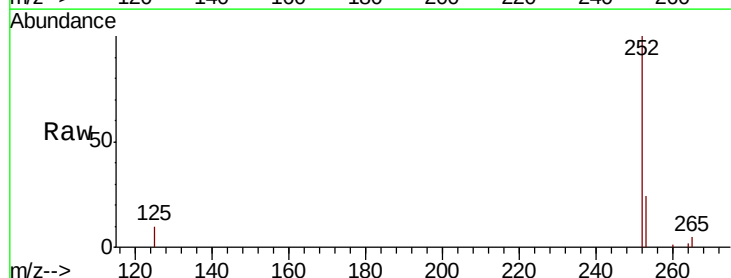
RT: 23.29 min Scan# 2070

Delta R.T. -0.01 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

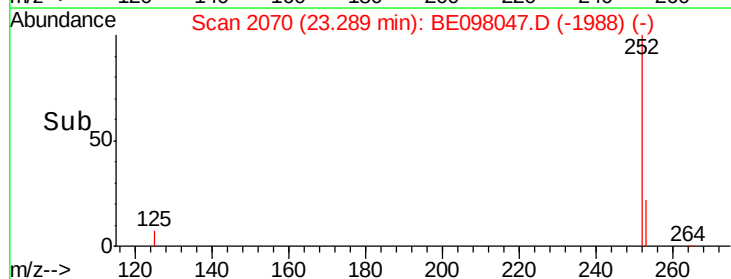
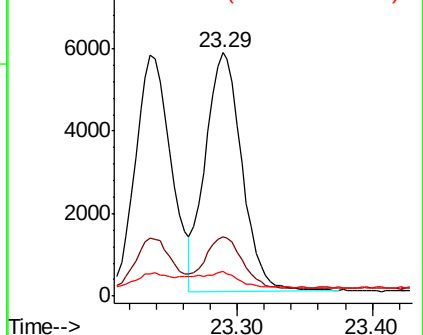
Tgt Ion:	252	Resp:	10851
Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.4	30.6
125	10.0	14.6	21.8#

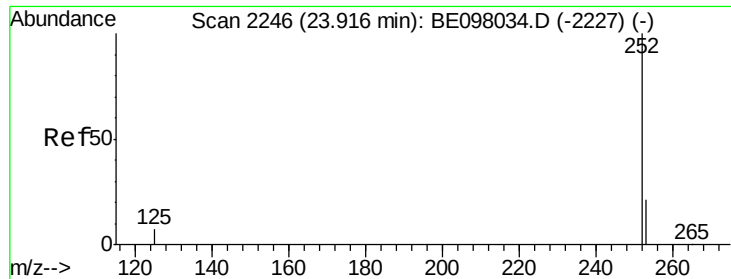


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.356 ng

RT: 23.91 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

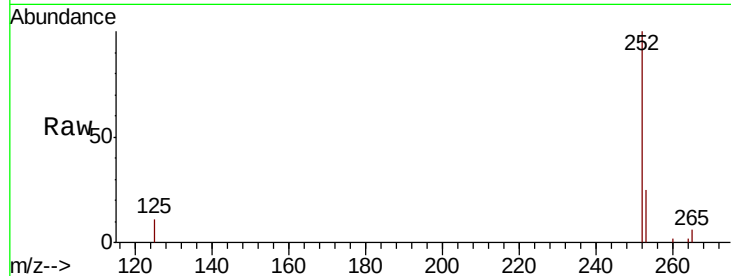
Tgt Ion:252 Resp: 10318

Ion Ratio Lower Upper

252 100

253 25.5 20.6 31.0

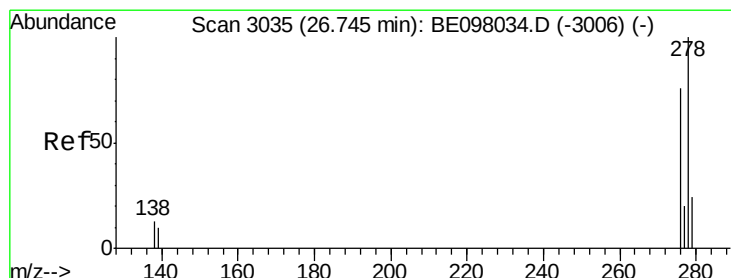
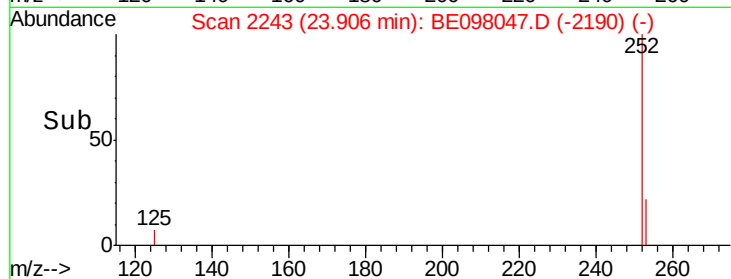
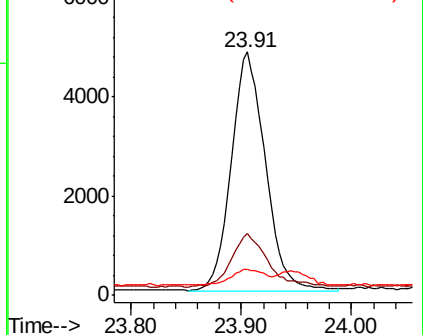
125 10.8 15.6 23.4#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.356 ng

RT: 26.74 min Scan# 3033

Delta R.T. -0.01 min

Lab File: BE098047.D

Acq: 24 Oct 2018 20:26

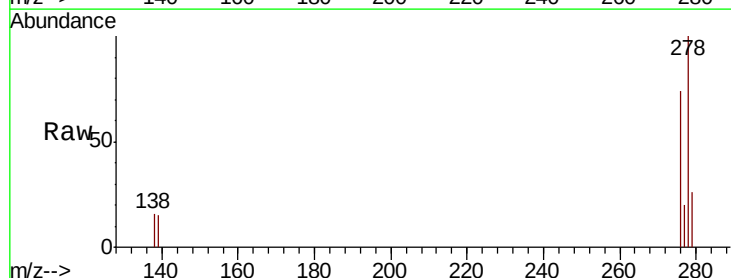
Tgt Ion:278 Resp: 10049

Ion Ratio Lower Upper

278 100

139 14.5 16.3 24.5#

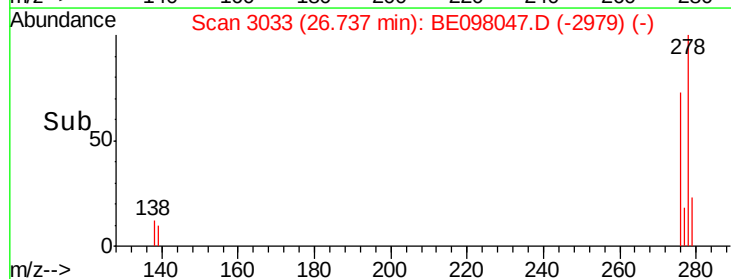
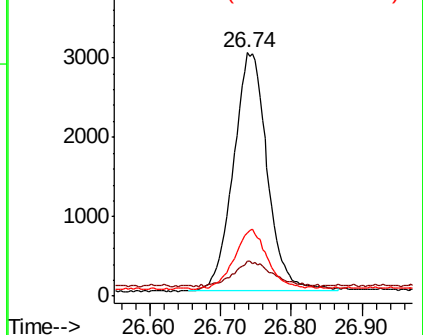
279 25.7 21.4 32.2

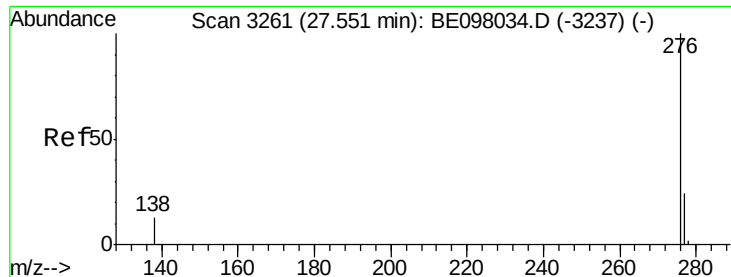


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.356 ng

RT: 27.54 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BE098047.D

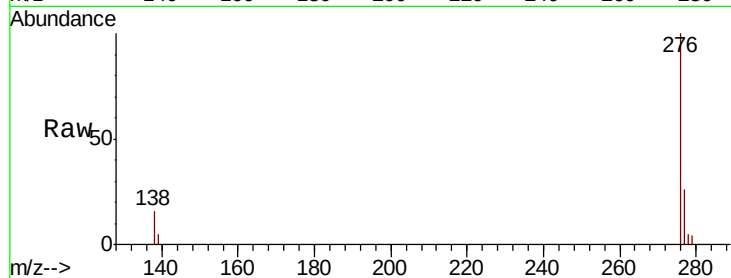
Acq: 24 Oct 2018 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 9971

Ion Ratio Lower Upper

276 100

277 25.8 22.1 33.1

138 15.7 19.3 28.9

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

