

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098266.D
 Acq On : 29 Nov 2018 10:14
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Nov 29 12:19:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 12:12:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1246	0.40	ng	0.01
7) Naphthalene-d8	10.68	136	5089	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	3152	0.40	ng	0.01
19) Phenanthrene-d10	17.29	188	8296	0.40	ng	0.01
27) Chrysene-d12	21.47	240	12656	0.40	ng	0.01
34) Perylene-d12	24.02	264	12111	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	346	0.10	ng	0.01
5) Phenol-d6	7.06	99	422	0.08	ng	0.01
8) Nitrobenzene-d5	9.04	82	511	0.11	ng	0.03
11) 2-Methylnaphthalene-d10	12.28	152	826	0.09	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	157	0.15	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	1417	0.10	ng	0.01
25) Fluoranthene-d10	19.32	212	12018	0.12	ng	0.01
29) Terphenyl-d14	19.91	244	2923	0.10	ng	0.00

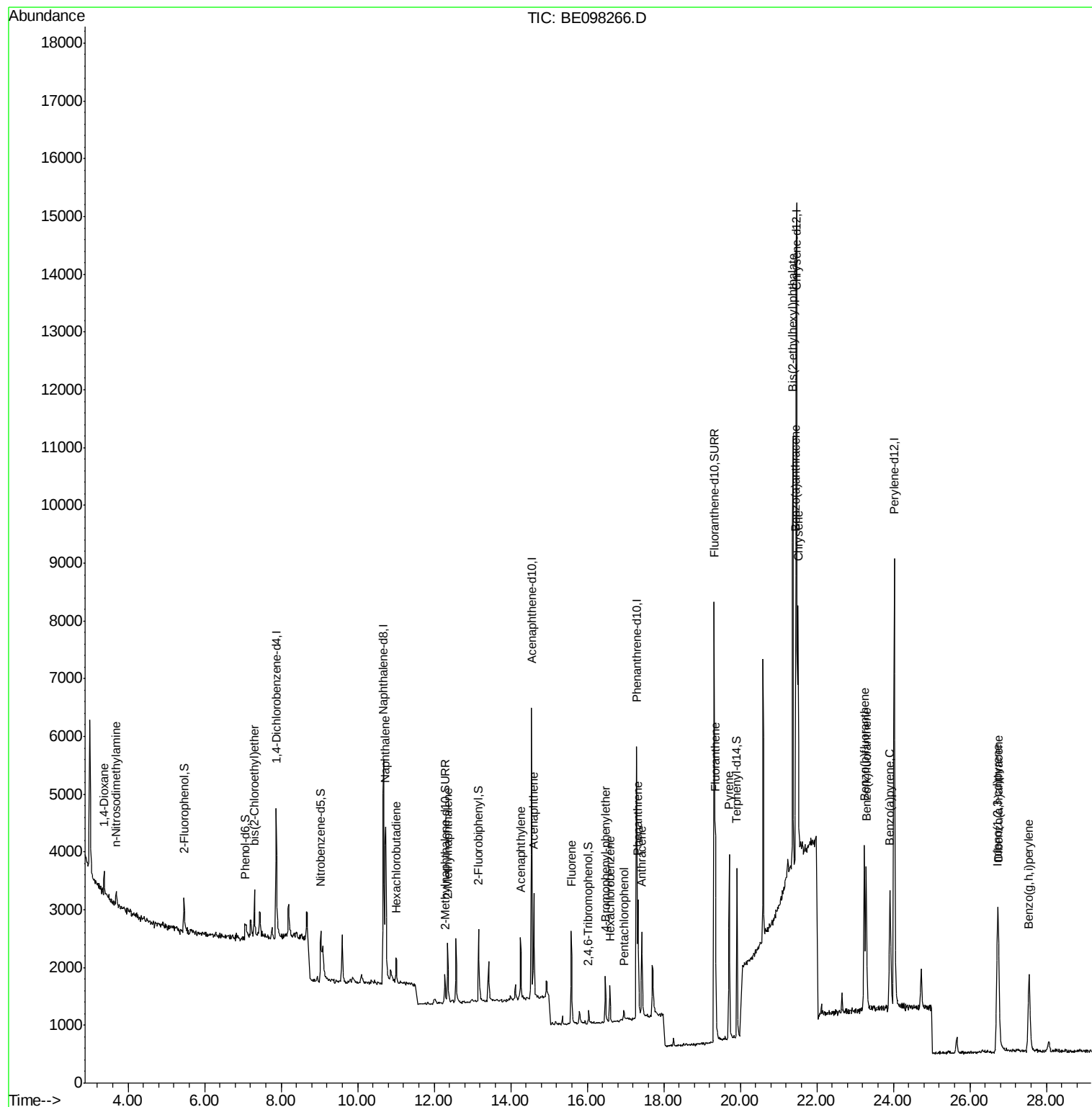
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	314	0.161	ng	84
3) n-Nitrosodimethylamine	3.69	42	225	0.102	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	406	0.090	ng	98
9) Naphthalene	10.73	128	5303	0.102	ng	# 95
10) Hexachlorobutadiene	11.00	225	352	0.116	ng	98
12) 2-Methylnaphthalene	12.35	142	853	0.093	ng	# 88
16) Acenaphthylene	14.25	152	1500	0.100	ng	96
17) Acenaphthene	14.60	154	888	0.099	ng	97
18) Fluorene	15.58	166	1136	0.099	ng	96
20) 4-Bromophenyl-phenylether	16.48	248	459	0.089	ng	96
21) Hexachlorobenzene	16.59	284	504	0.095	ng	95
22) Pentachlorophenol	16.95	266	157	0.215	ng	# 87
23) Phenanthrene	17.33	178	2132	0.100	ng	97
24) Anthracene	17.42	178	1900	0.098	ng	99
26) Fluoranthene	19.35	202	3122	0.122	ng	98
28) Pyrene	19.71	202	3375	0.091	ng	98
30) Benzo(a)anthracene	21.45	228	3973	0.109	ng	96
31) Chrysene	21.51	228	4046	0.107	ng	95
32) Bis(2-ethylhexyl)phthalate	21.38	149	9869	0.173	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	4028	0.125	ng	# 93
35) Benzo(b)fluoranthene	23.24	252	3943	0.115	ng	# 73
36) Benzo(k)fluoranthene	23.29	252	3937	0.102	ng	# 83
37) Benzo(a)pyrene	23.91	252	3655	0.109	ng	# 76
38) Dibenzo(a,h)anthracene	26.74	278	3400	0.126	ng	# 76
39) Benzo(g,h,i)perylene	27.55	276	3454	0.119	ng	# 89

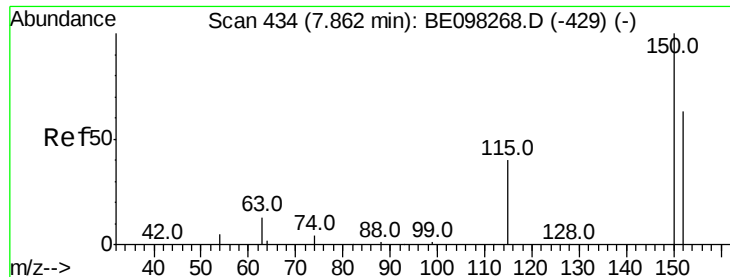
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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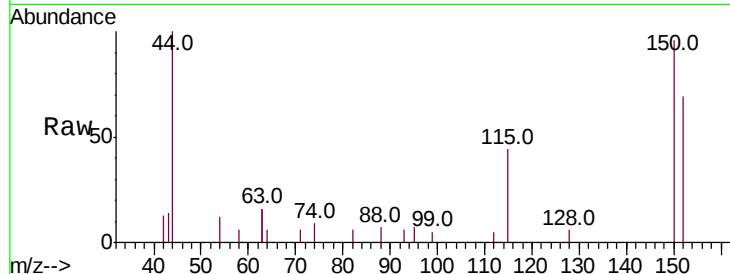


#1

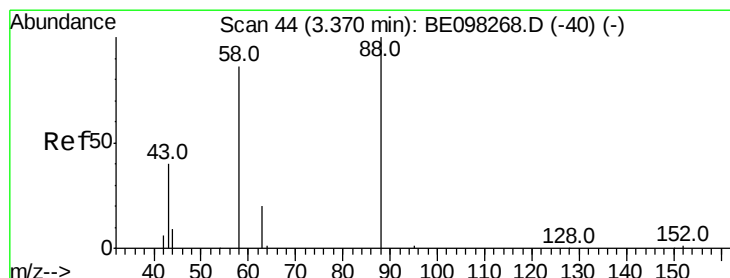
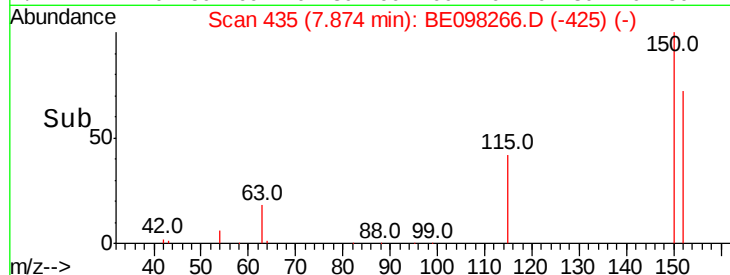
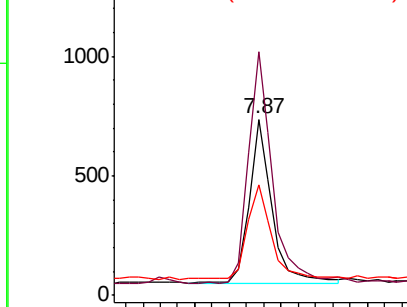
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098266.D
Acq: 29 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 1246
Ion Ratio Lower Upper
152 100
150 138.5 124.2 186.4
115 63.0 53.9 80.9



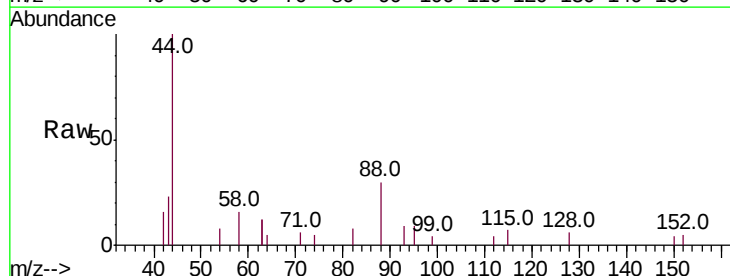
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



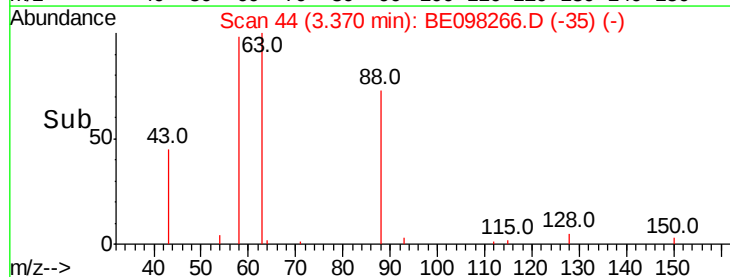
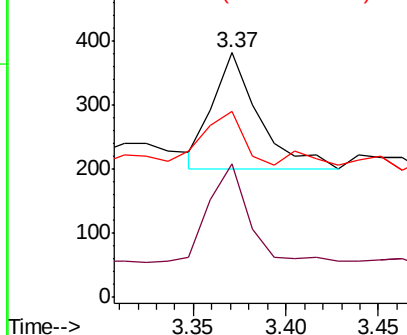
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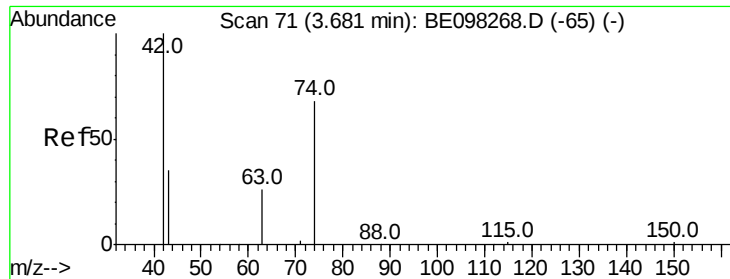
1,4-Dioxane
Concen: 0.161 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098266.D
Acq: 29 Nov 2018 10:14

Tgt Ion: 88 Resp: 314
Ion Ratio Lower Upper
88 100
58 75.5 75.0 112.6
43 40.8 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



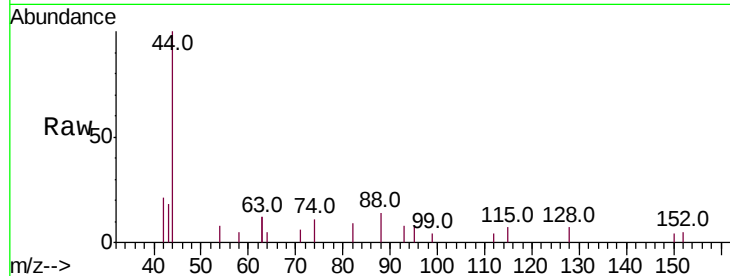


#3

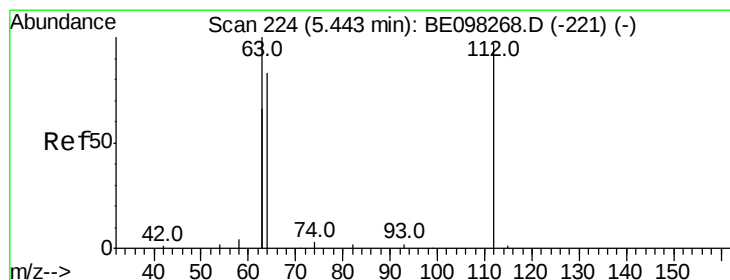
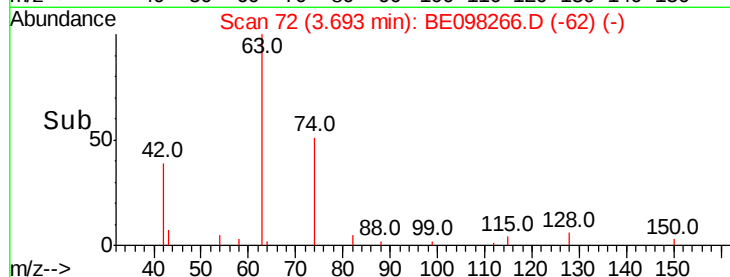
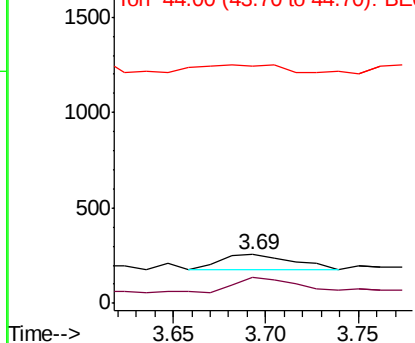
n-Nitrosodimethylamine
 Concen: 0.102 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.01 min
 Lab File: BE098266.D
 Acq: 29 Nov 2018 10:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion: 42 Resp: 225
 Ion Ratio Lower Upper
 42 100
 74 88.9 0.0 0.0#
 44 59.6 0.0 0.0#



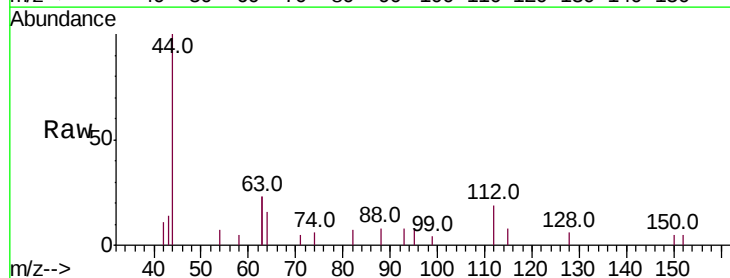
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



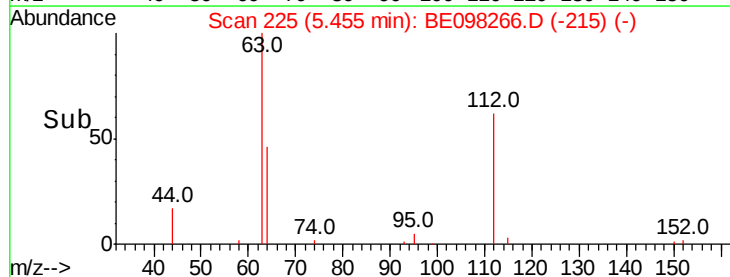
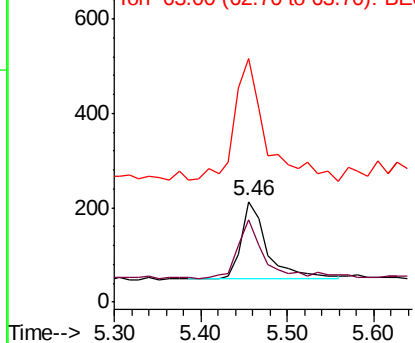
#4

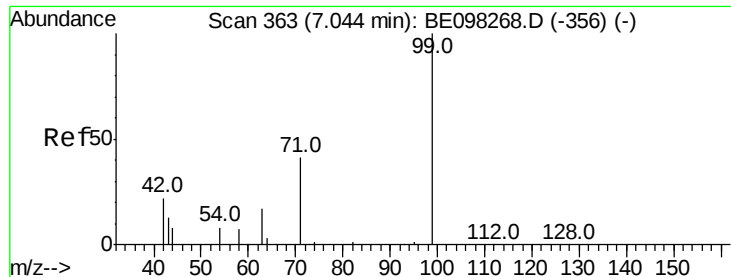
2-Fluorophenol
 Concen: 0.104 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098266.D
 Acq: 29 Nov 2018 10:14

Tgt Ion: 112 Resp: 346
 Ion Ratio Lower Upper
 112 100
 64 71.1 59.8 89.8
 63 190.2 133.7 200.5



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: 0.080 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

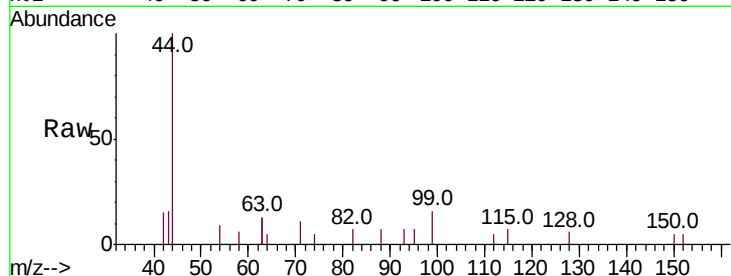
Tot Ion: 99 Resp: 422

Ion Ratio Lower Upper

99 100

42 37.2 26.3 39.5

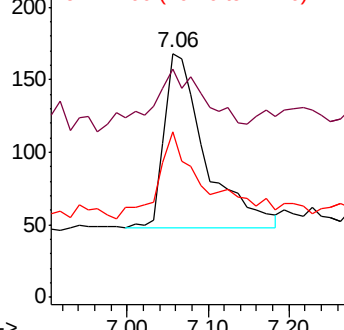
71 57.3 33.6 50.4#



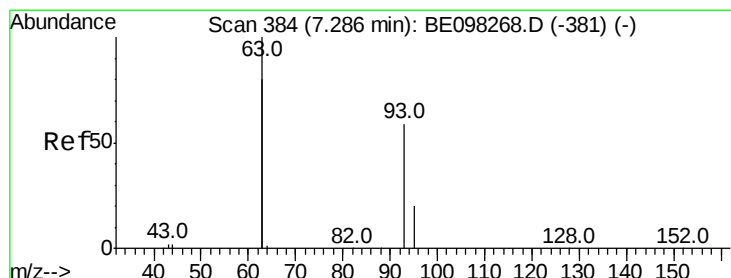
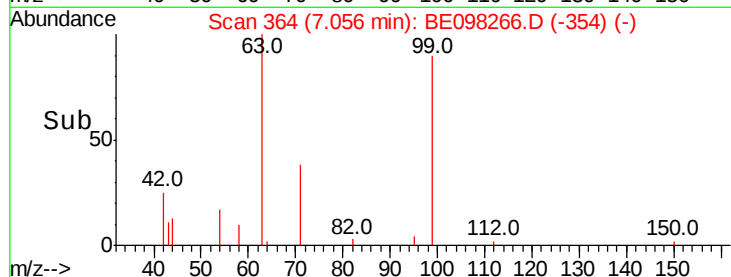
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.090 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

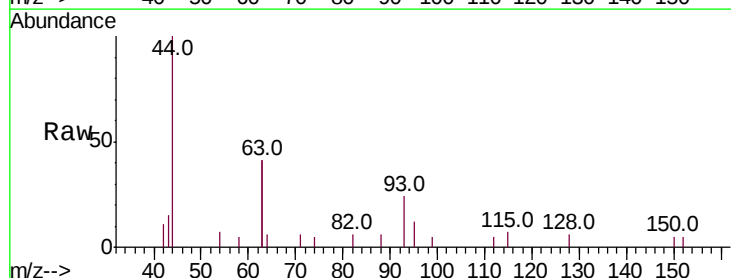
Tgt Ion: 93 Resp: 406

Ion Ratio Lower Upper

93 100

63 327.1 264.4 396.6

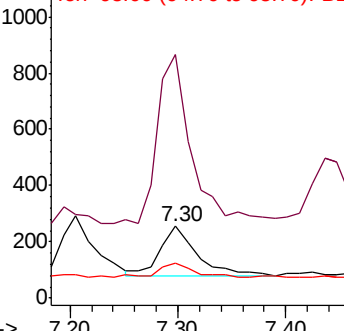
95 33.0 26.6 40.0



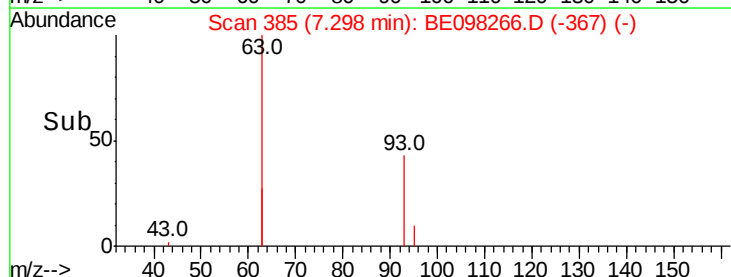
Abundance Ion 93.00 (92.70 to 93.70): BE0

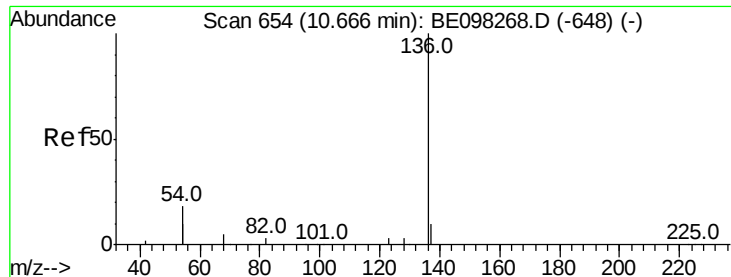
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 5089

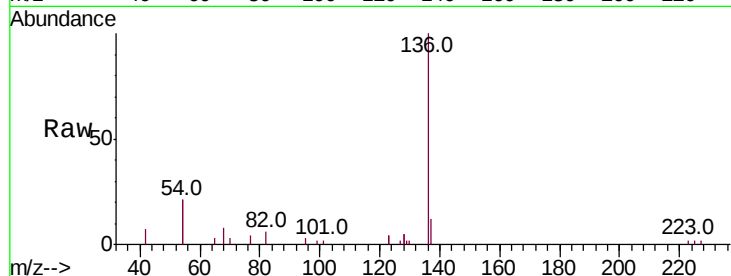
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 42.7 28.4 42.6#

68 7.5 5.4 8.0

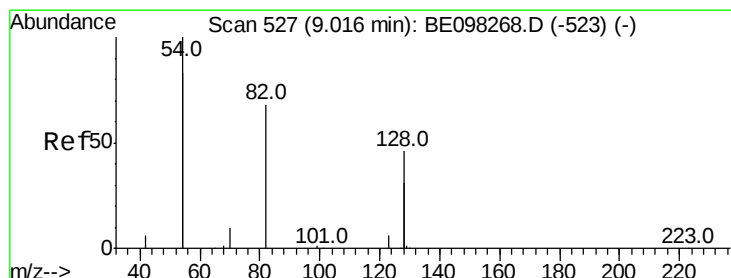
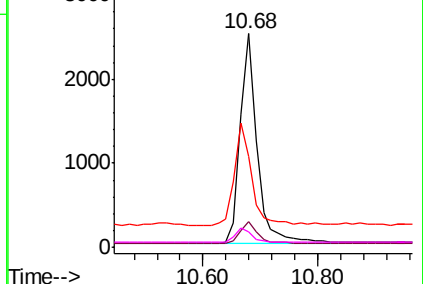
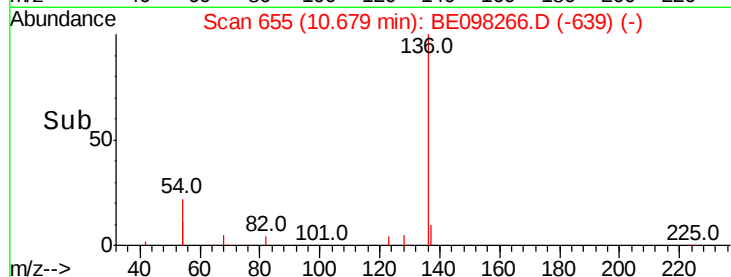


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.106 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

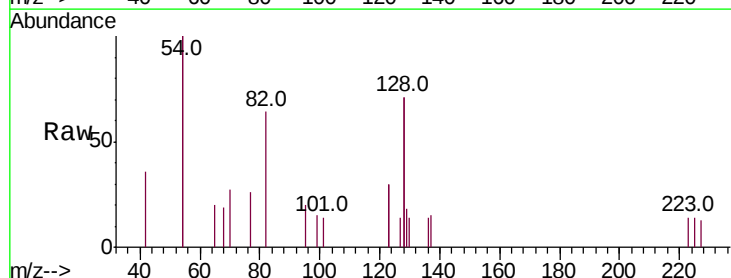
Tgt Ion: 82 Resp: 511

Ion Ratio Lower Upper

82 100

128 219.8 102.4 153.6#

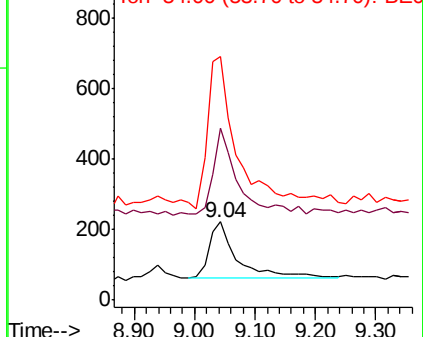
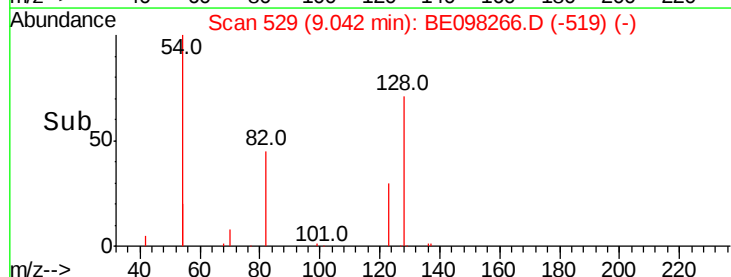
54 311.7 221.8 332.8

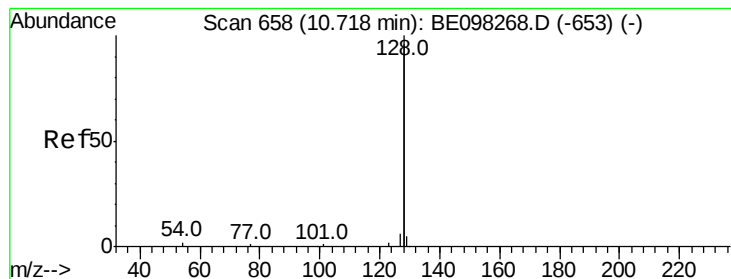


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.102 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

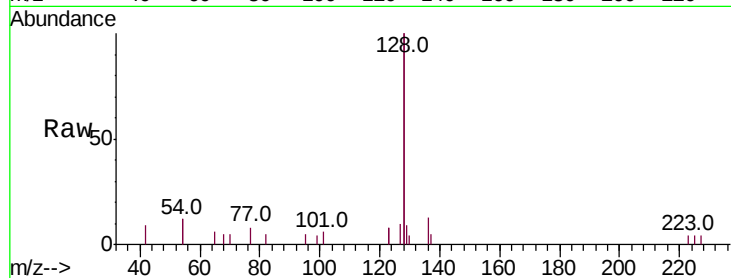
Tot Ion:128 Resp: 5303

Ion Ratio Lower Upper

128 100

129 4.6 2.5 3.7#

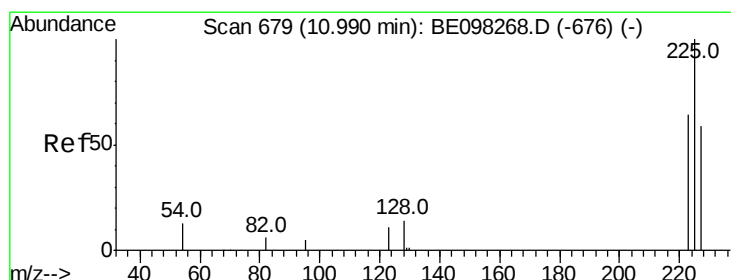
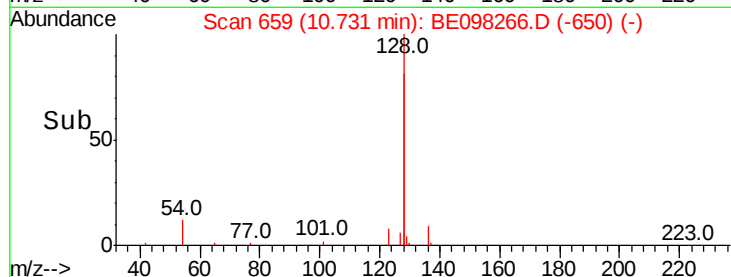
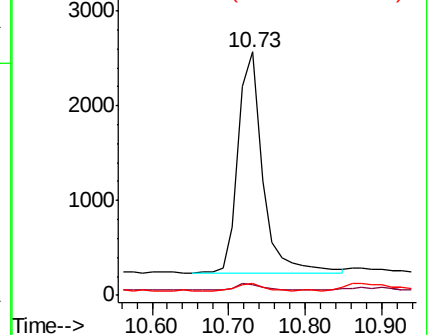
127 5.0 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.116 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

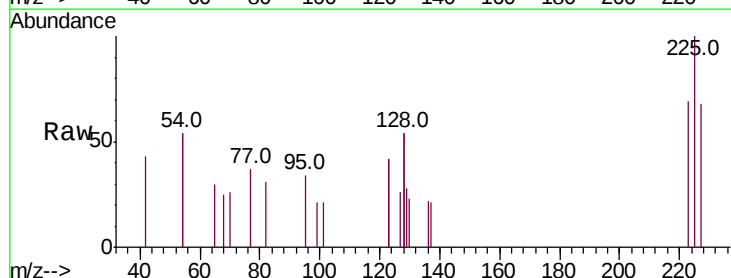
Tgt Ion:225 Resp: 352

Ion Ratio Lower Upper

225 100

223 63.4 49.4 74.0

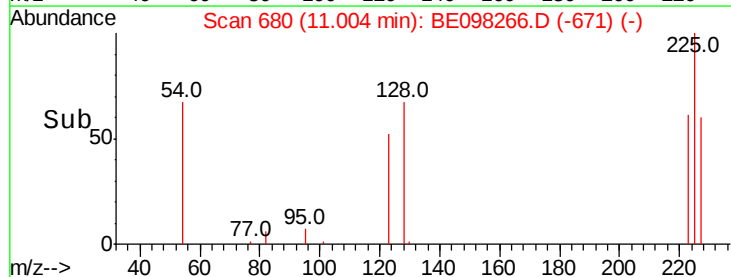
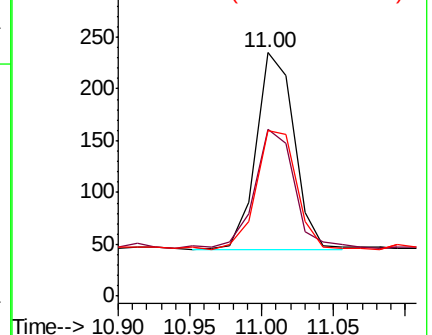
227 62.8 52.0 78.0

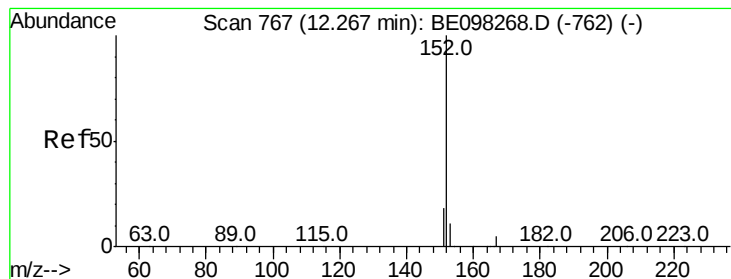


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.093 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

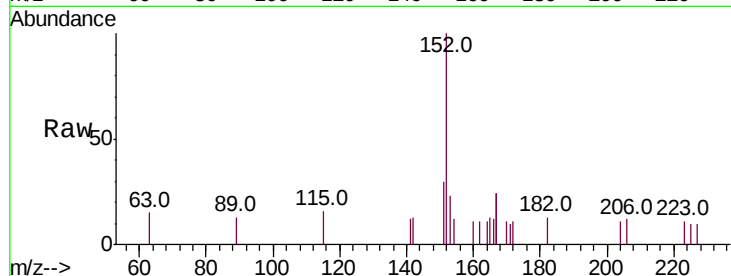
SSTDIC0.1

Tot Ion:152 Resp: 826

Ion Ratio Lower Upper

152 100

151 25.9 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

400

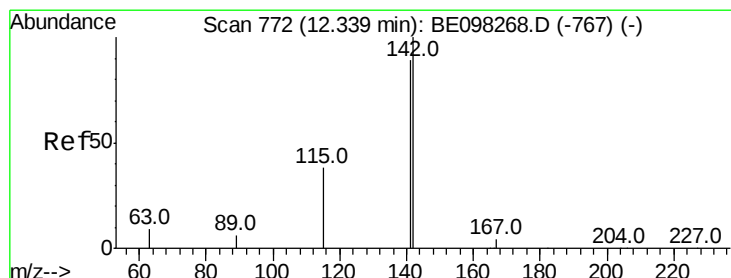
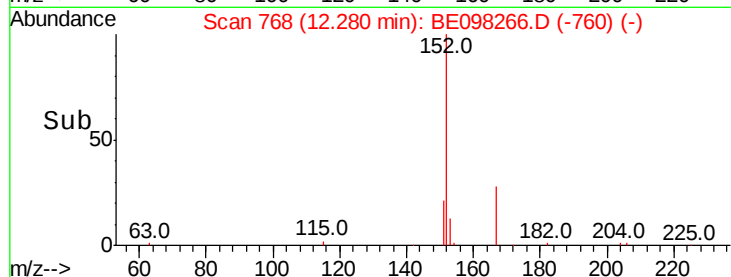
300

200

100

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.093 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

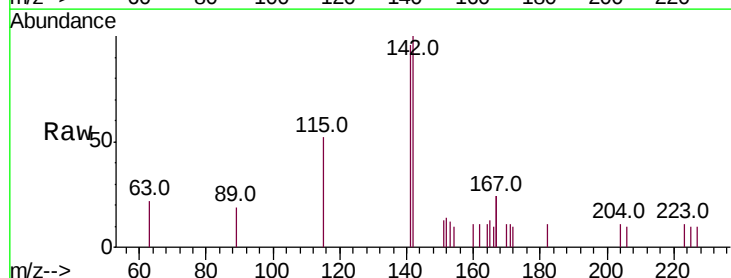
Tgt Ion:142 Resp: 853

Ion Ratio Lower Upper

142 100

141 96.2 71.0 106.6

115 52.2 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

12.35

600

500

400

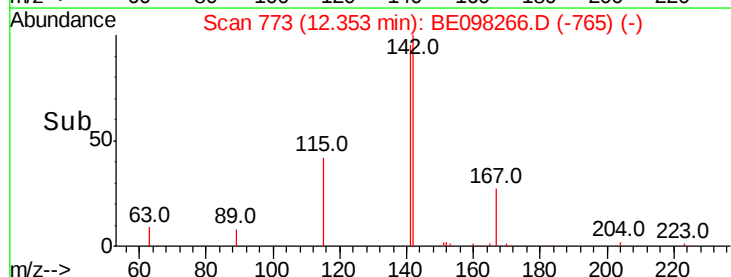
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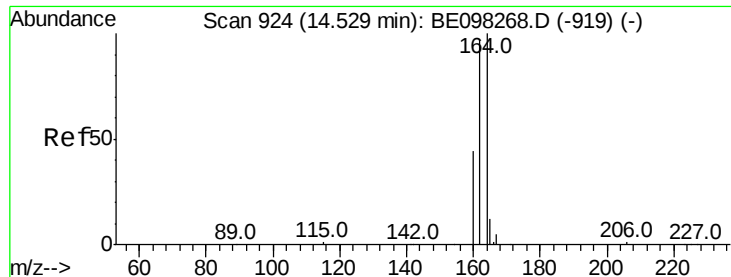
200

100

0

Time-->

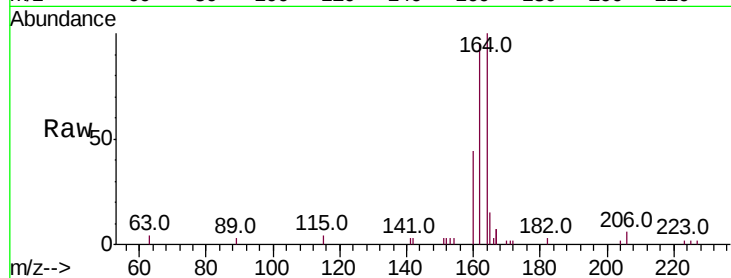




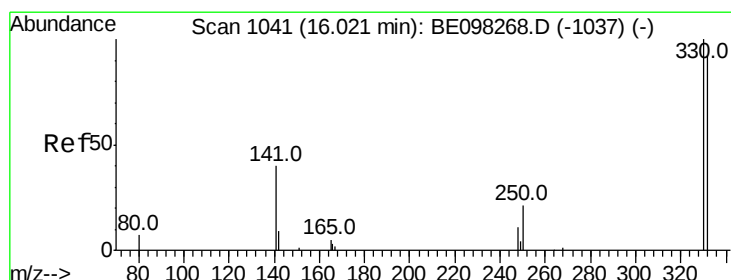
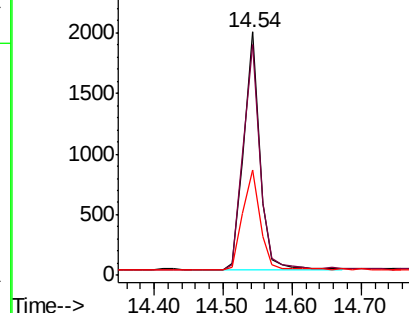
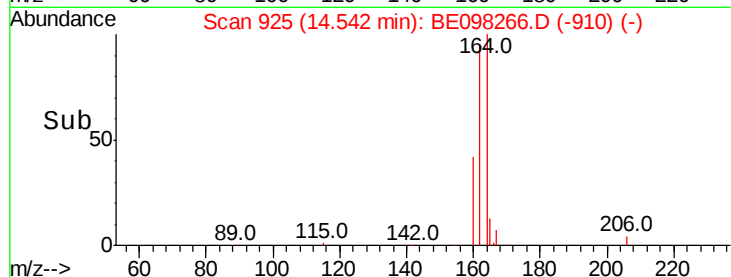
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BE098266.D
 Acq: 29 Nov 2018 10:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion:164 Resp: 3152
 Ion Ratio Lower Upper
 164 100
 162 95.0 77.6 116.4
 160 43.5 36.0 54.0

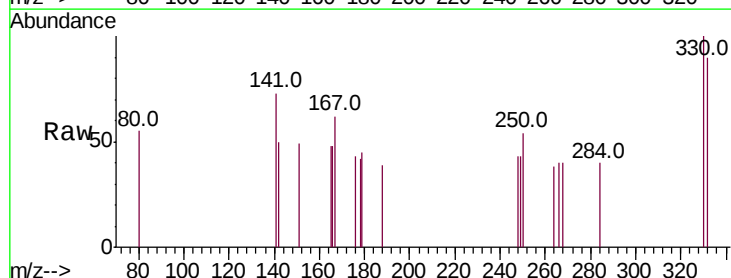


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

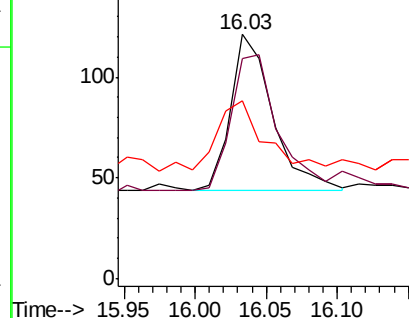
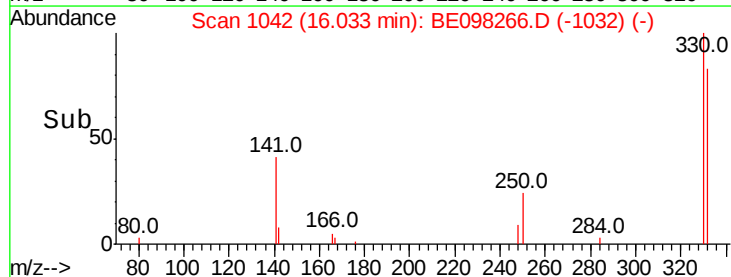


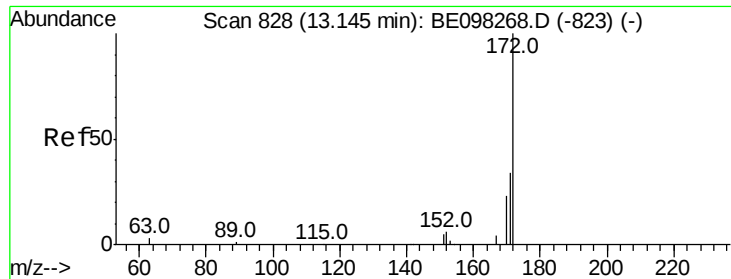
#14
 2,4,6-Tribromophenol
 Concen: 0.155 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098266.D
 Acq: 29 Nov 2018 10:14

Tgt Ion:330 Resp: 157
 Ion Ratio Lower Upper
 330 100
 332 105.7 76.2 114.4
 141 59.9 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

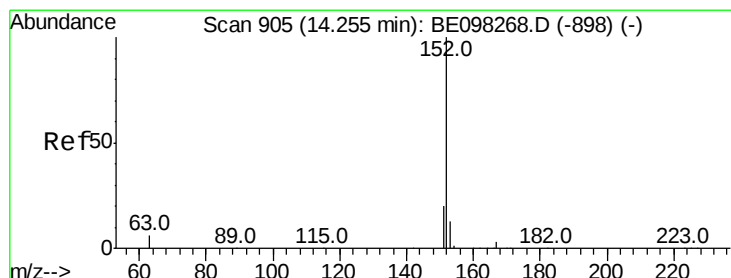
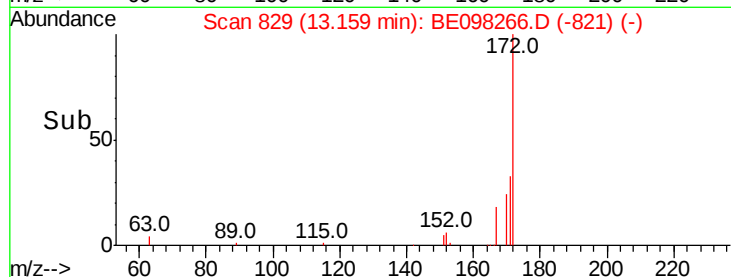
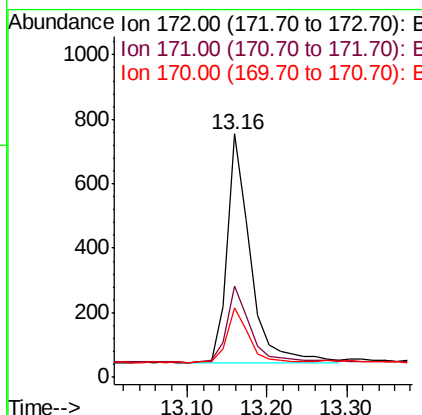
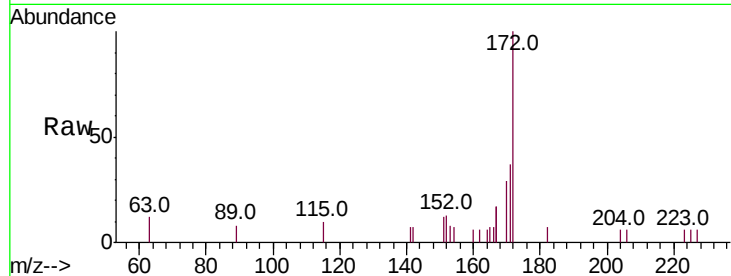




#15
2-Fluorobiphenyl
Concen: 0.103 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098266.D
Acq: 29 Nov 2018 10:14

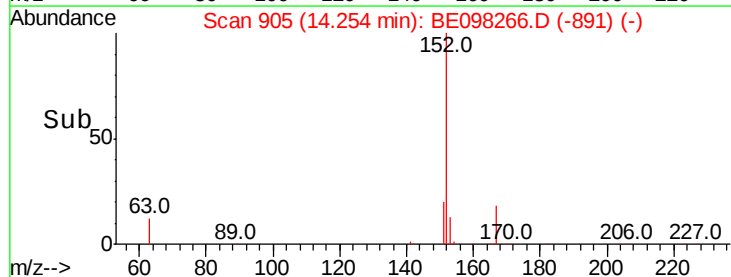
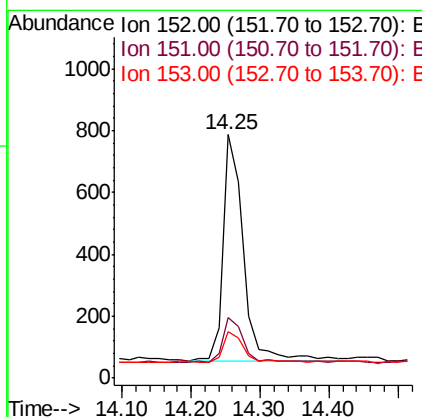
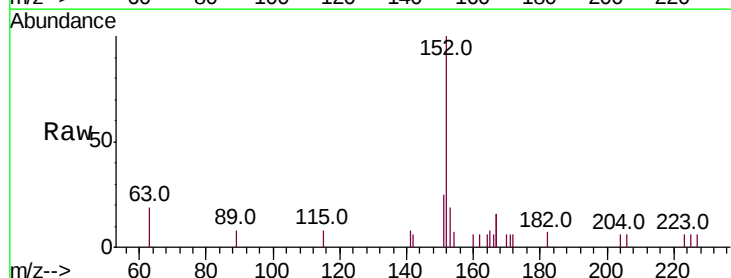
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

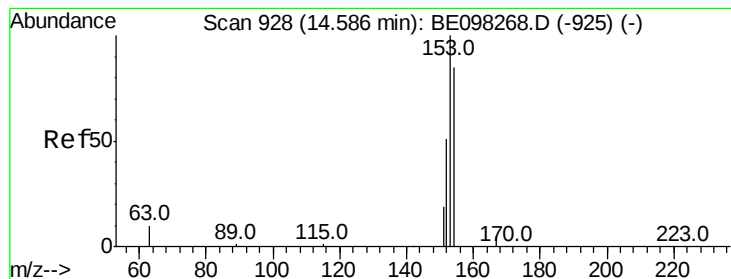
Tot Ion:172 Resp: 1417
Ion Ratio Lower Upper
172 100
171 37.2 27.5 41.3
170 28.7 19.6 29.4



#16
Acenaphthylene
Concen: 0.100 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098266.D
Acq: 29 Nov 2018 10:14

Tgt Ion:152 Resp: 1500
Ion Ratio Lower Upper
152 100
151 21.3 15.5 23.3
153 15.0 10.6 16.0





#17

Acenaphthene

Concen: 0.099 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

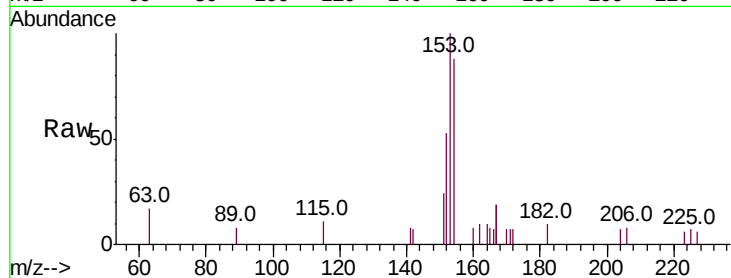
Tot Ion:154 Resp: 888

Ion Ratio Lower Upper

154 100

153 118.1 91.8 137.6

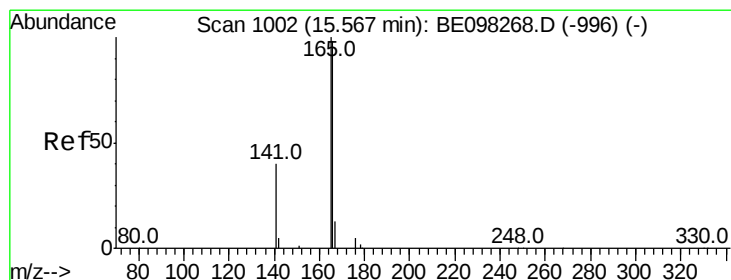
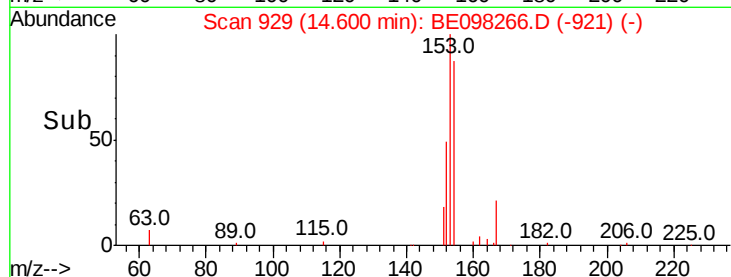
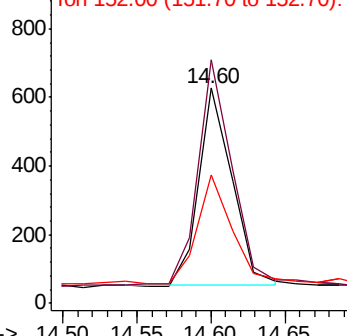
152 59.6 45.5 68.3



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: 0.099 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

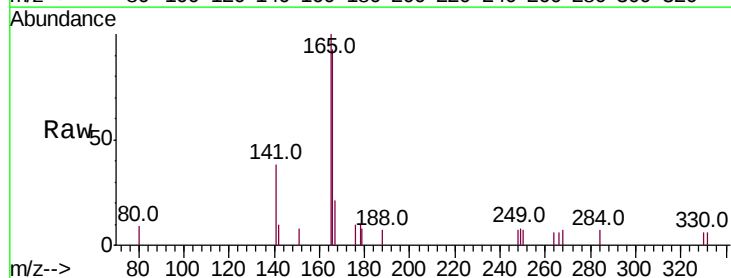
Tgt Ion:166 Resp: 1136

Ion Ratio Lower Upper

166 100

165 103.1 79.3 118.9

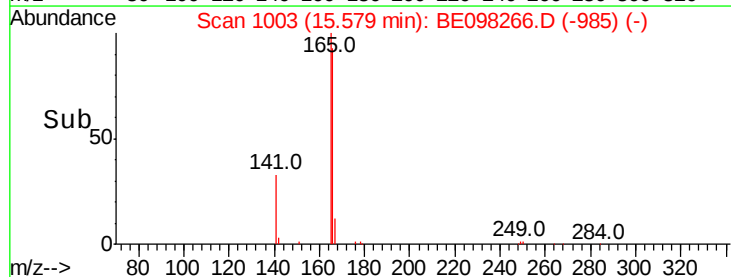
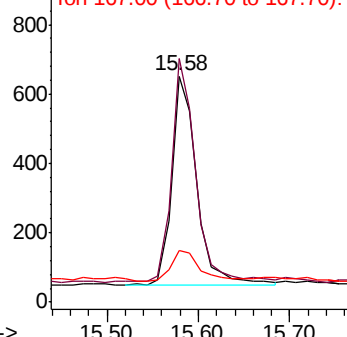
167 16.0 11.3 16.9

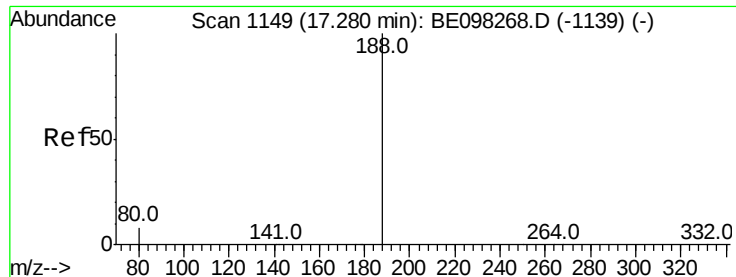


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.29 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

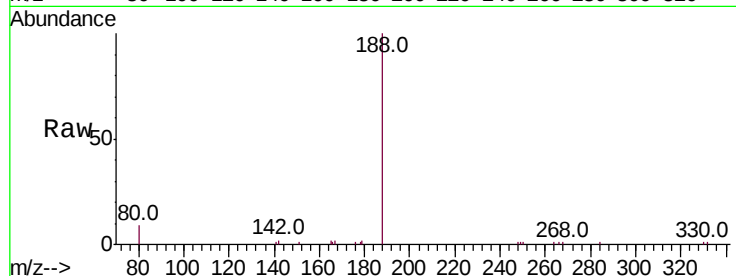
Tot Ion:188 Resp: 8296

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

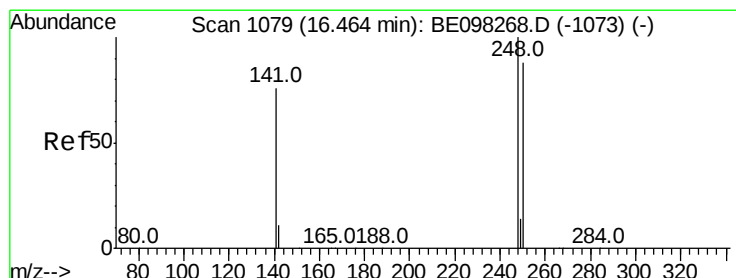
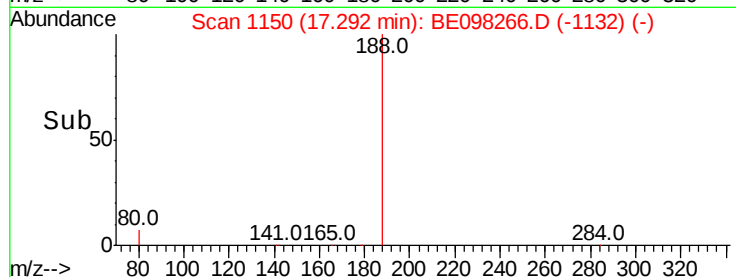
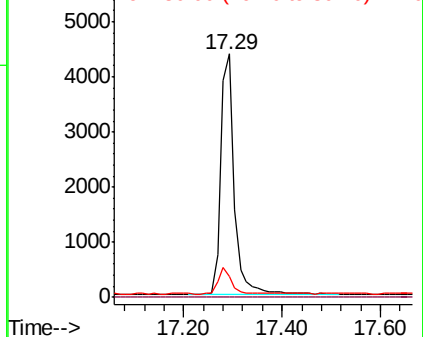
80 8.8 7.2 10.8



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: 0.089 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

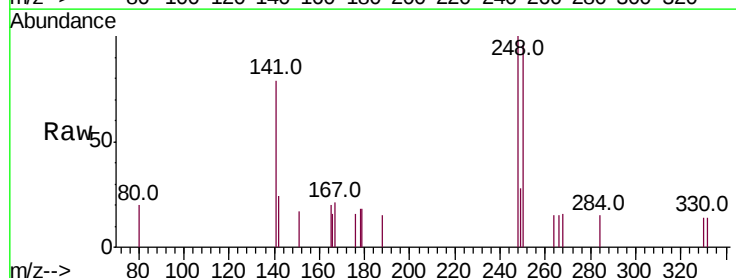
Tgt Ion:248 Resp: 459

Ion Ratio Lower Upper

248 100

250 95.7 71.0 106.6

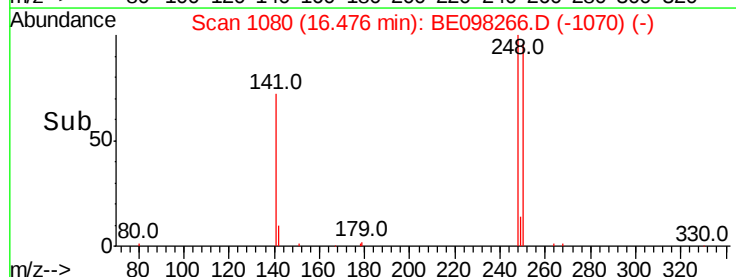
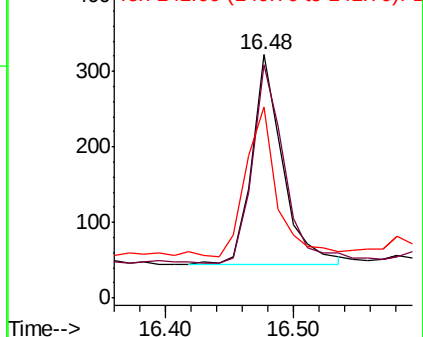
141 78.6 62.1 93.1

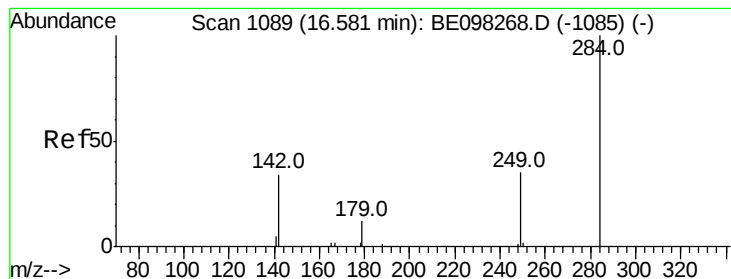


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.095 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

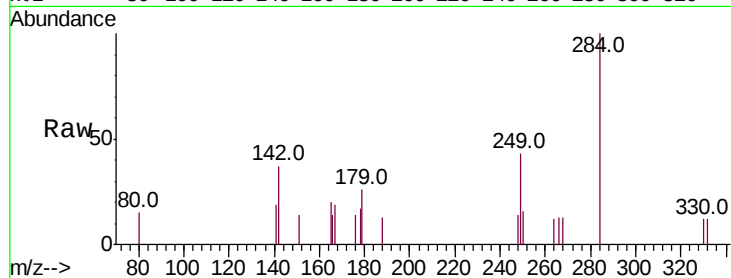
Tot Ion:284 Resp: 504

Ion Ratio Lower Upper

284 100

142 34.5 26.3 39.5

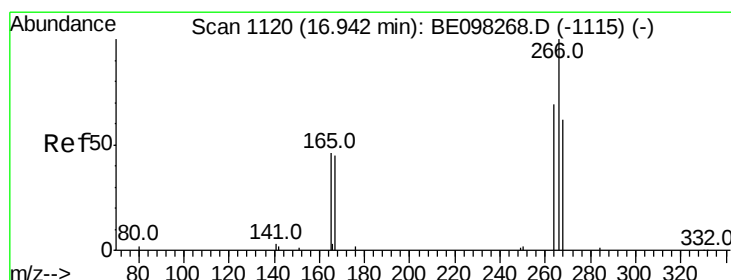
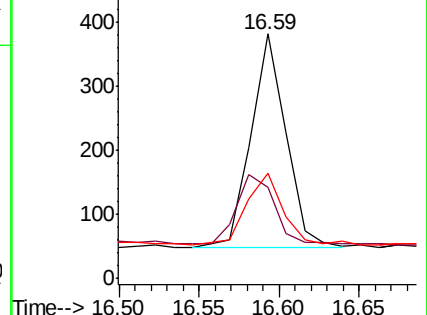
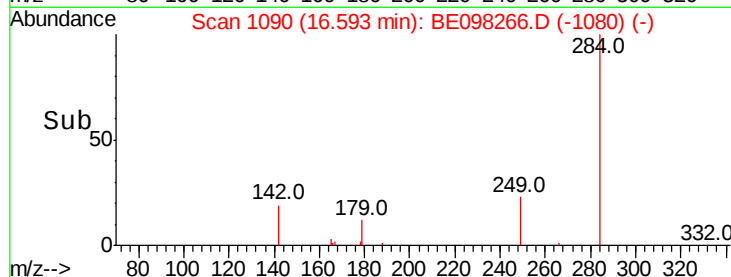
249 36.1 26.0 39.0



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: 0.215 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

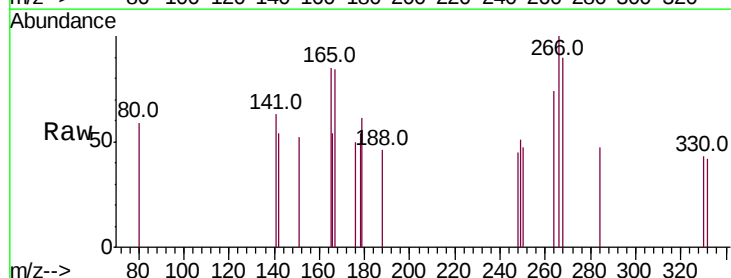
Tgt Ion:266 Resp: 157

Ion Ratio Lower Upper

266 100

264 74.3 59.0 88.4

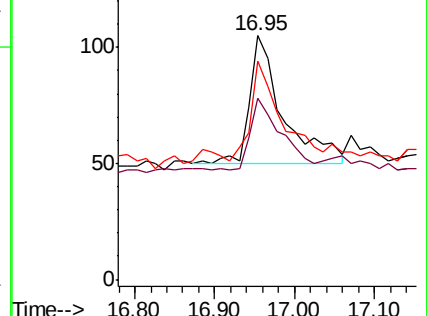
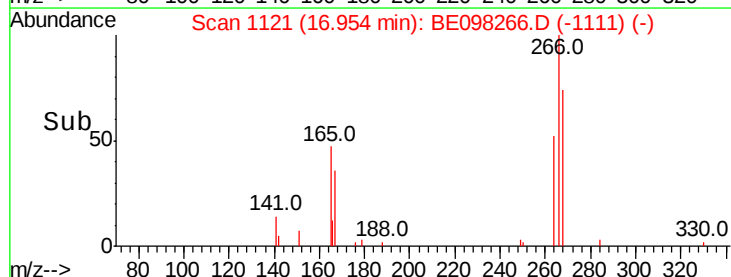
268 89.5 55.1 82.7#

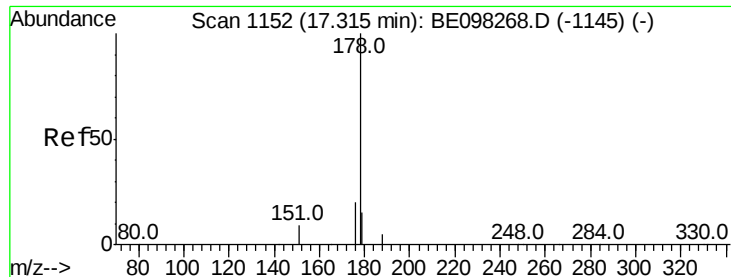


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.100 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

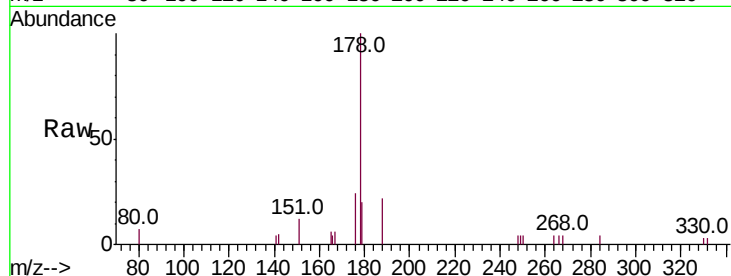
Tot Ion:178 Resp: 2132

Ion Ratio Lower Upper

178 100

176 21.2 15.9 23.9

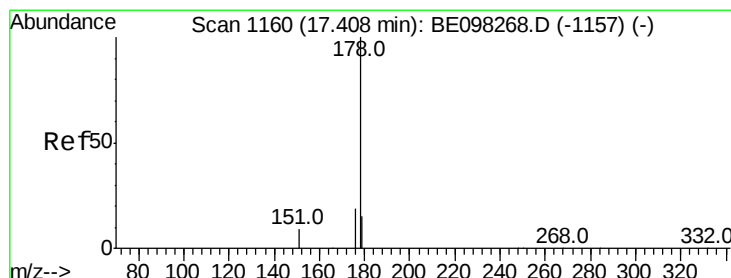
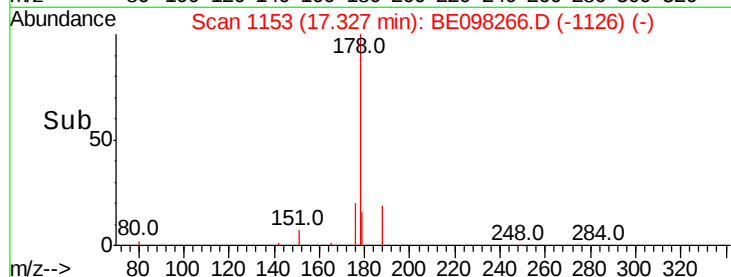
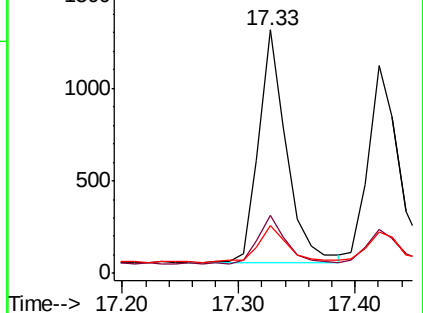
179 16.7 12.3 18.5



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: 0.098 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

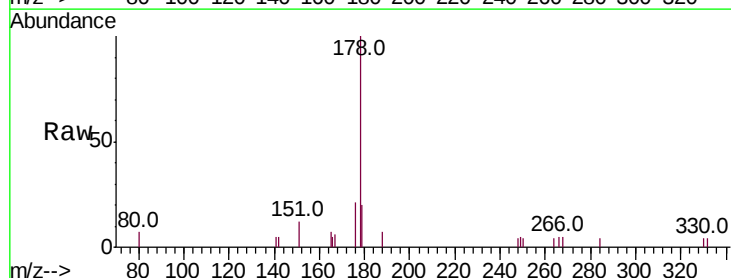
Tgt Ion:178 Resp: 1900

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

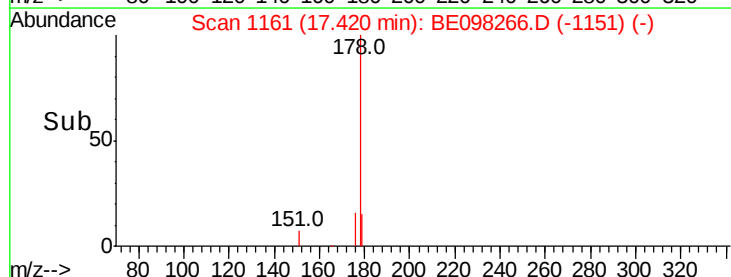
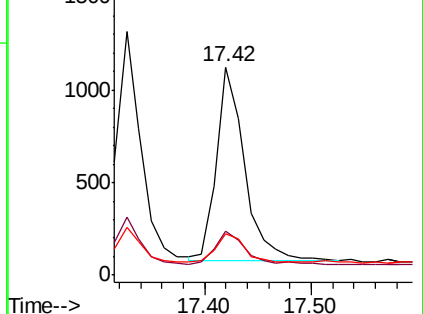
179 15.2 12.3 18.5

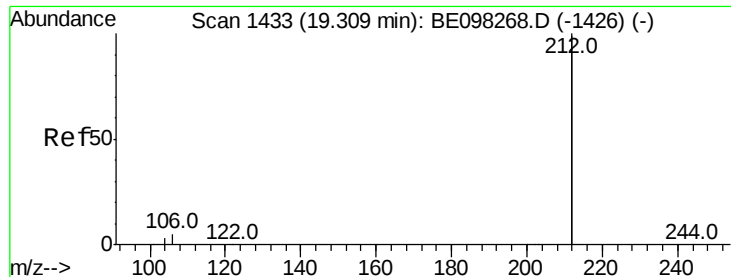


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.119 ng

RT: 19.32 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

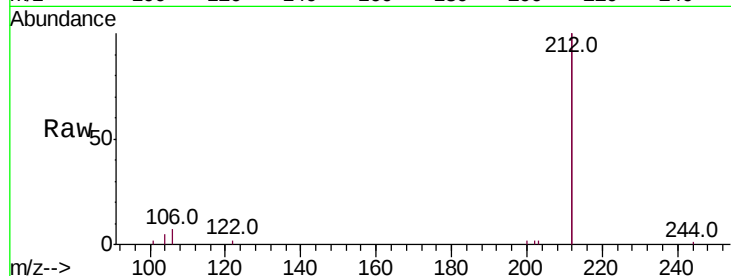
Tot Ion:212 Resp: 12018

Ion Ratio Lower Upper

212 100

106 3.0 2.2 3.2

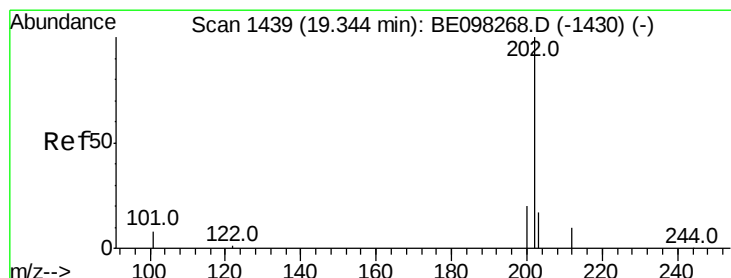
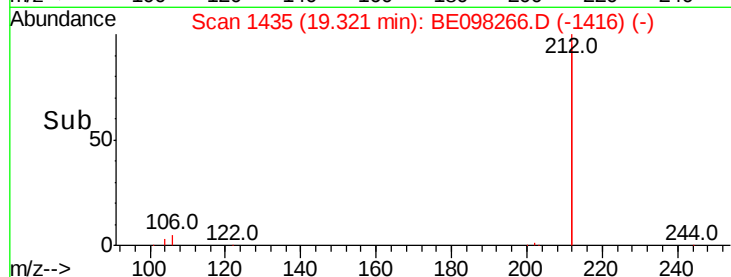
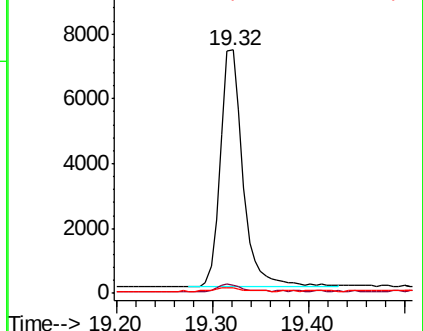
104 1.5 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.122 ng

RT: 19.35 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

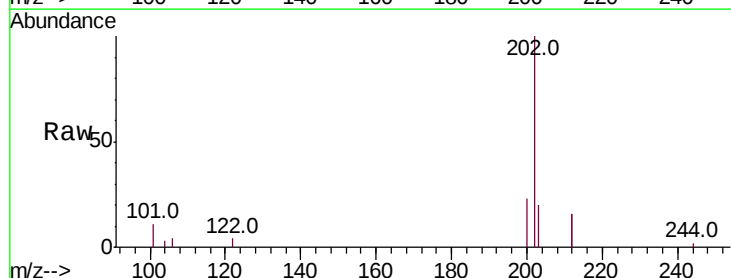
Tgt Ion:202 Resp: 3122

Ion Ratio Lower Upper

202 100

101 9.2 8.0 12.0

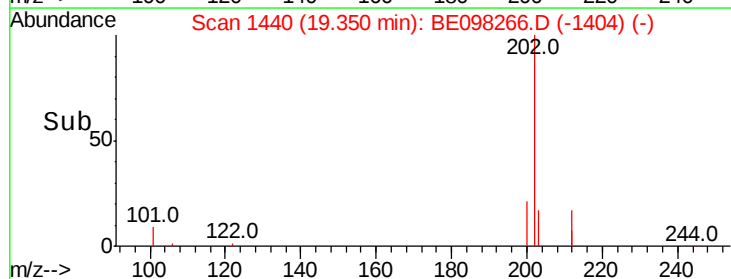
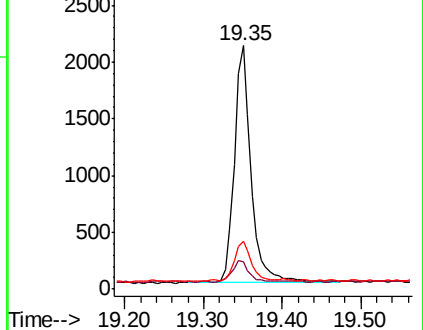
203 17.7 13.8 20.6

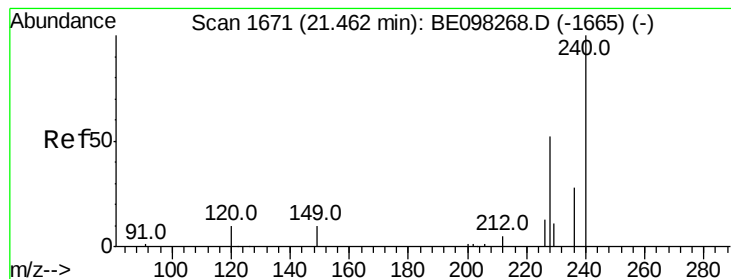


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

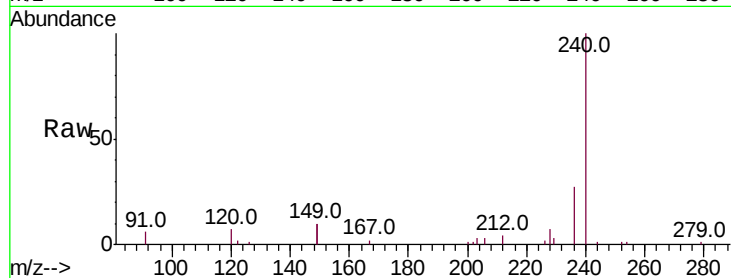
Tot Ion:240 Resp: 12656

Ion Ratio Lower Upper

240 100

120 7.0 9.5 14.3#

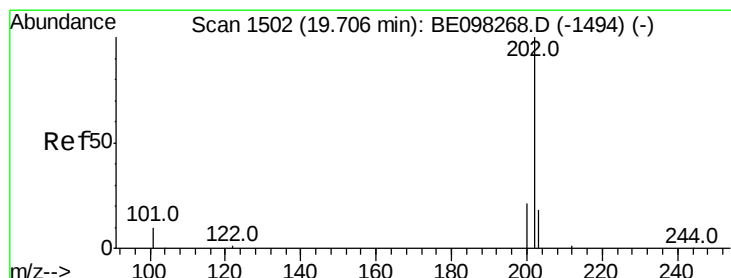
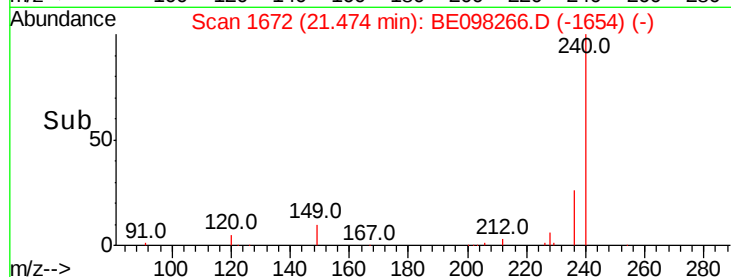
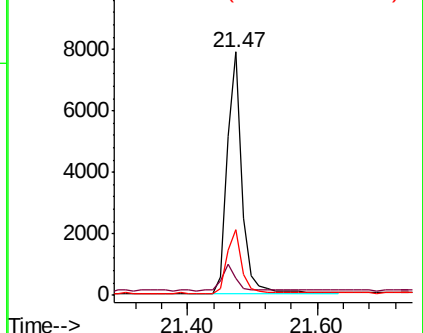
236 27.1 22.7 34.1



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: 0.091 ng

RT: 19.71 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

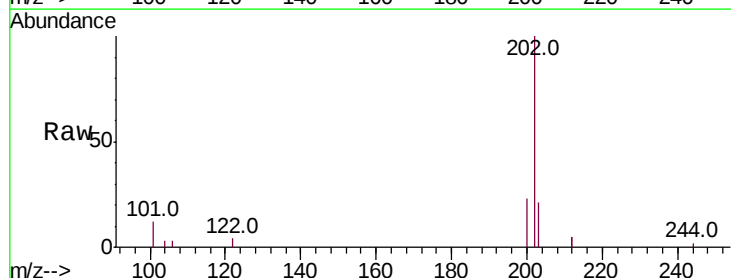
Tgt Ion:202 Resp: 3375

Ion Ratio Lower Upper

202 100

200 21.6 16.7 25.1

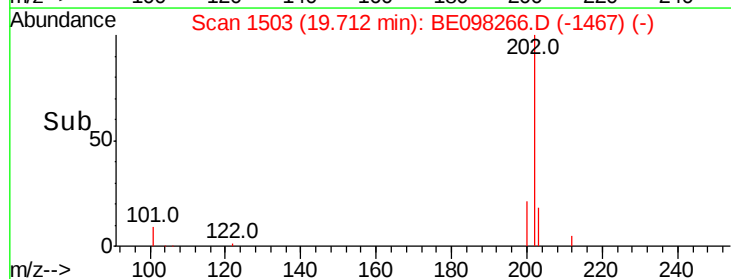
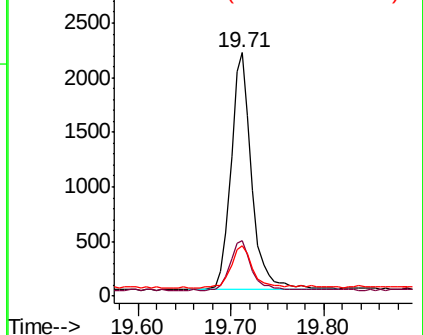
203 19.1 14.1 21.1

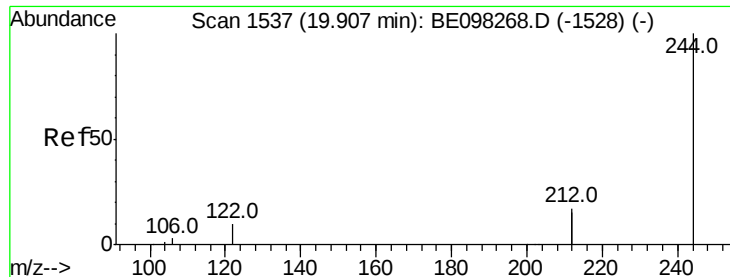


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.100 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

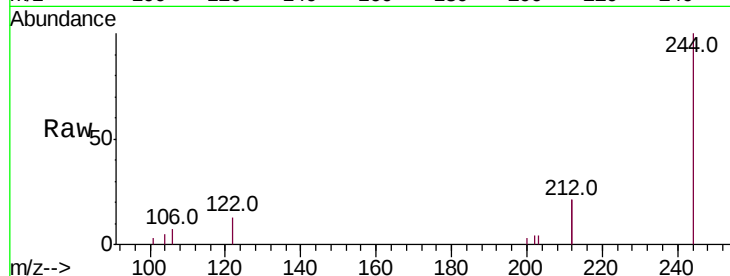
Tot Ion:244 Resp: 2923

Ion Ratio Lower Upper

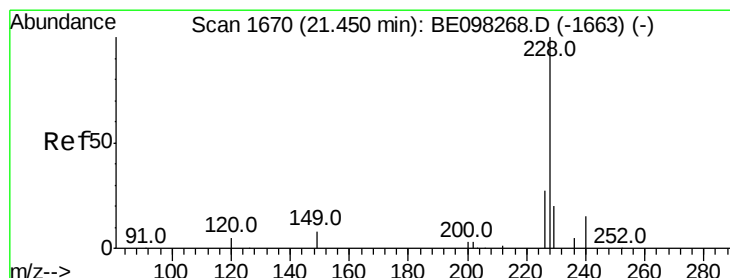
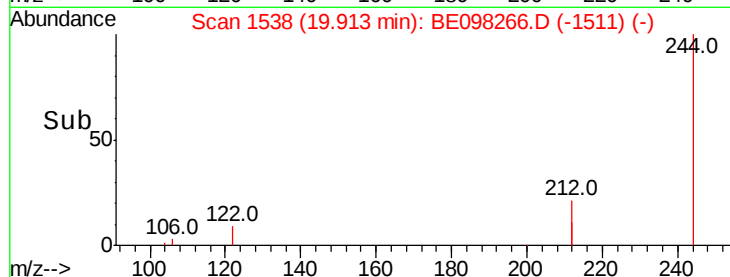
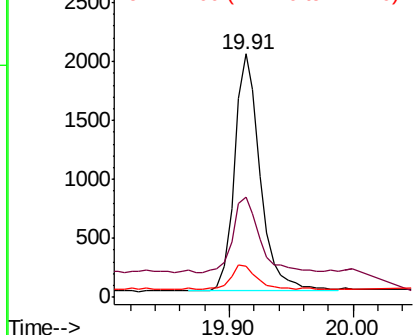
244 100

212 41.4 27.4 41.0#

122 12.6 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: 0.109 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

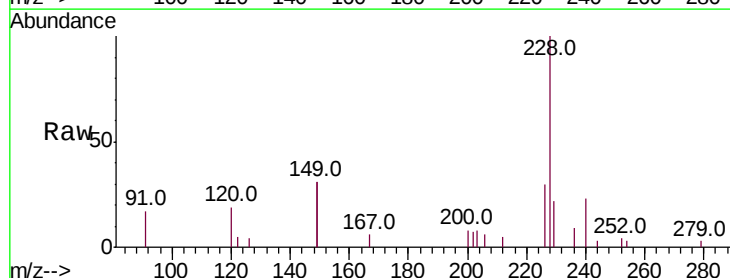
Tgt Ion:228 Resp: 3973

Ion Ratio Lower Upper

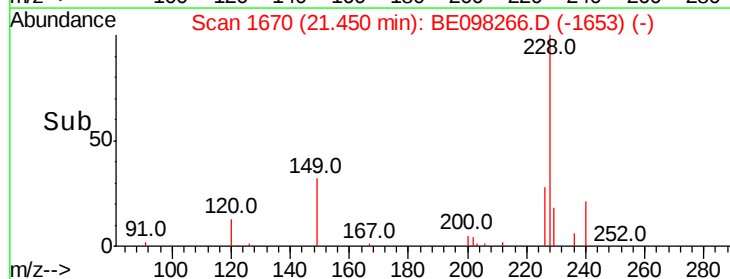
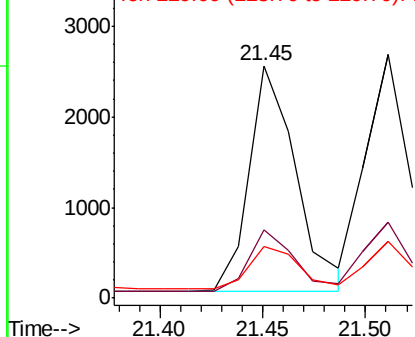
228 100

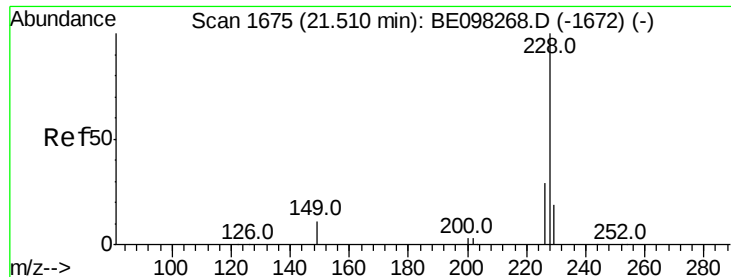
226 29.6 21.8 32.8

229 22.0 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: 0.107 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

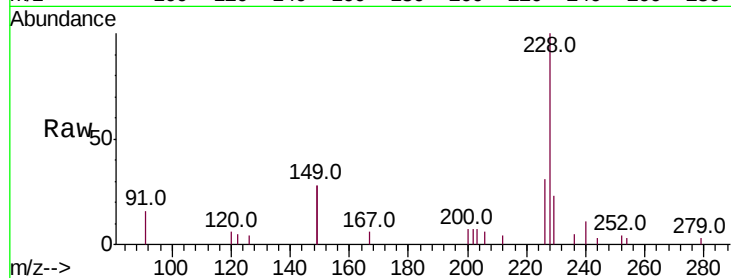
Tot Ion:228 Resp: 4046

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.0

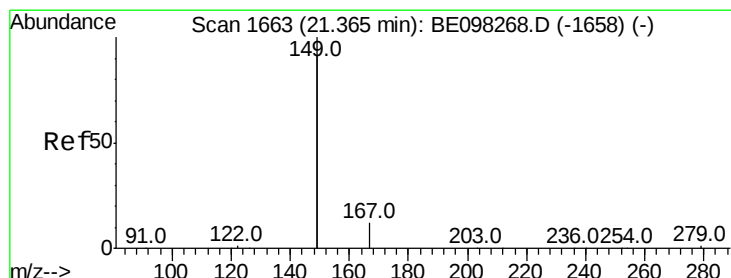
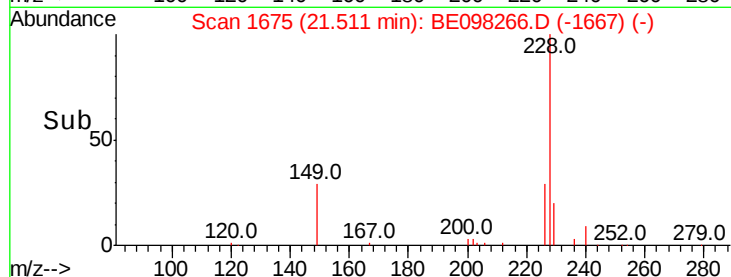
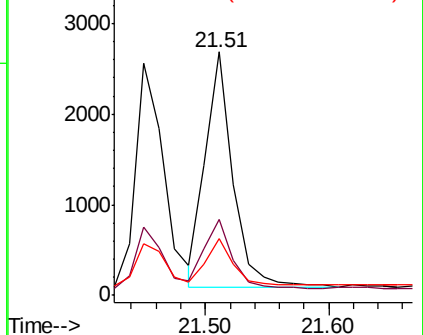
229 23.3 16.2 24.4



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: 0.173 ng

RT: 21.38 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

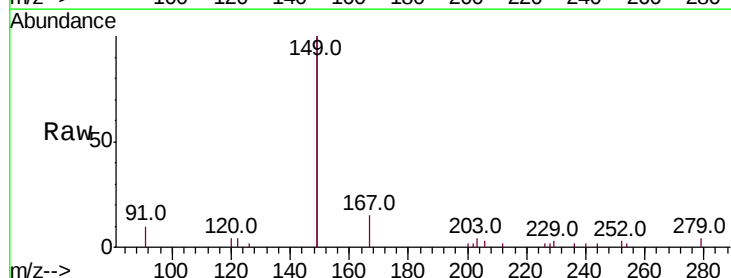
Tgt Ion:149 Resp: 9869

Ion Ratio Lower Upper

149 100

167 7.2 5.7 8.5

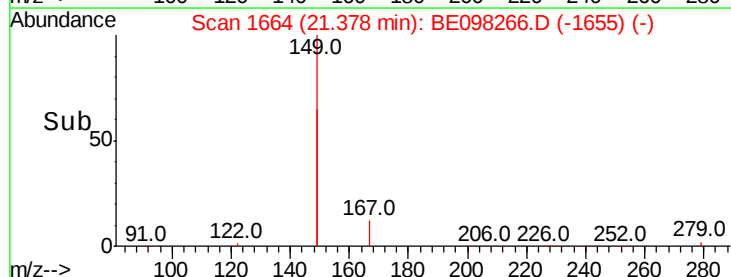
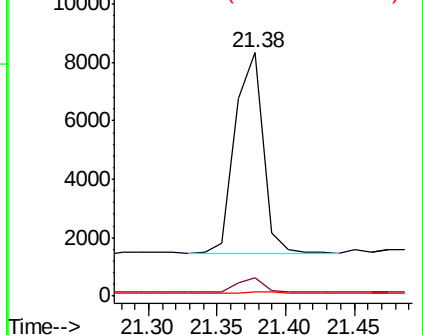
279 1.2 1.0 1.4

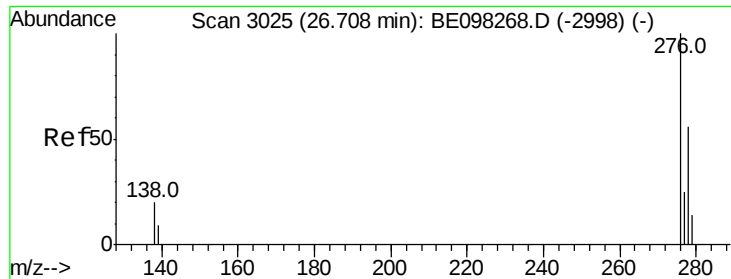


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.125 ng

RT: 26.72 min Scan# 3027

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

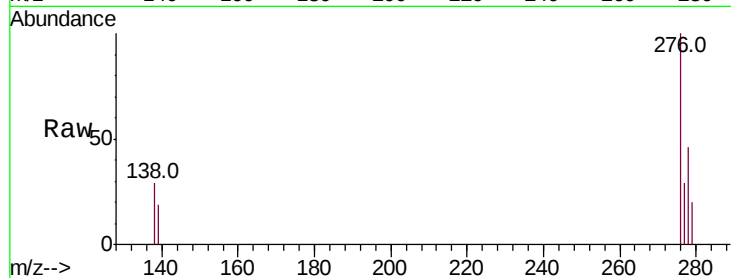
Tot Ion:276 Resp: 4028

Ion Ratio Lower Upper

276 100

138 13.3 16.3 24.5#

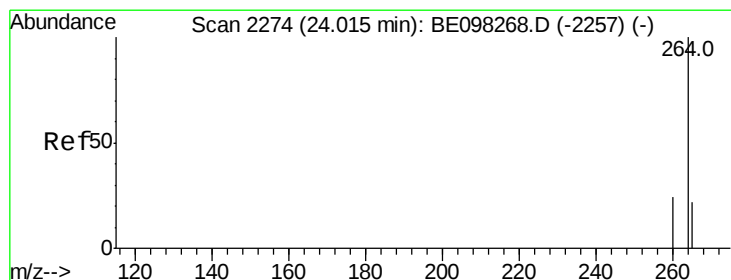
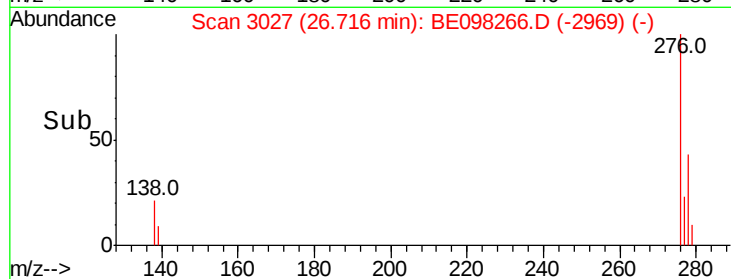
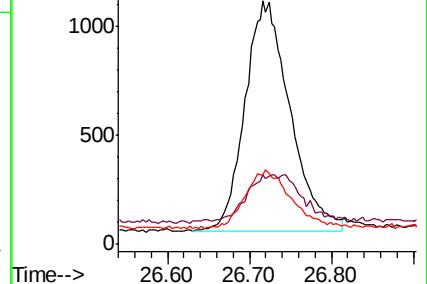
277 25.7 20.2 30.4



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: 24.02 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

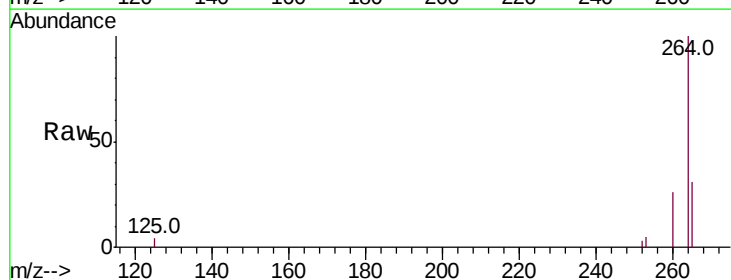
Tgt Ion:264 Resp: 12111

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.2

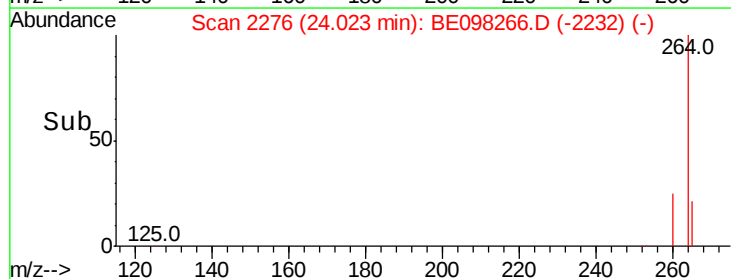
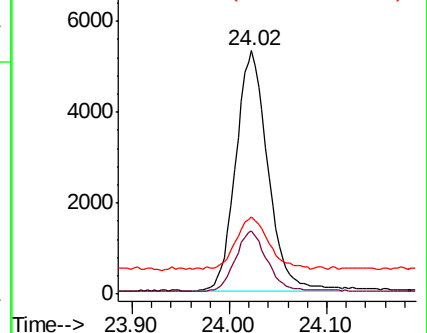
265 31.5 25.2 37.8

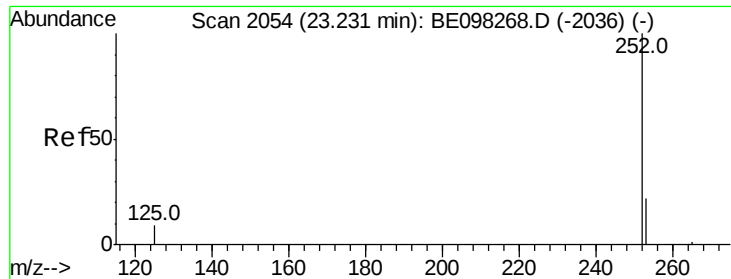


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.115 ng

RT: 23.24 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

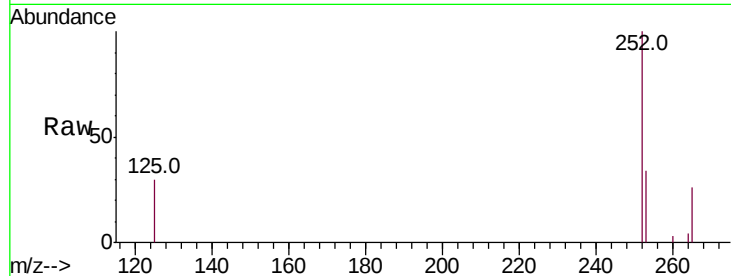
Tot Ion:252 Resp: 3943

Ion Ratio Lower Upper

252 100

253 33.9 20.0 30.0#

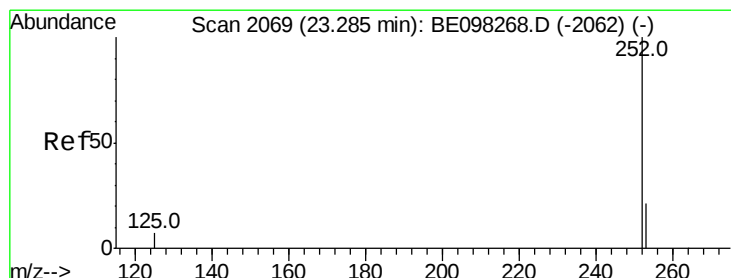
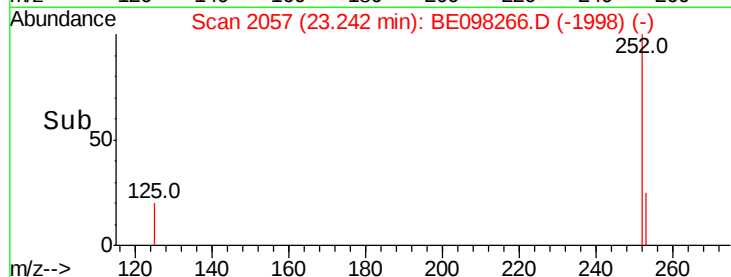
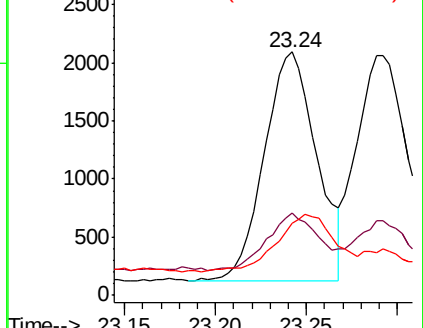
125 29.6 9.6 14.4#



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: 0.102 ng

RT: 23.29 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

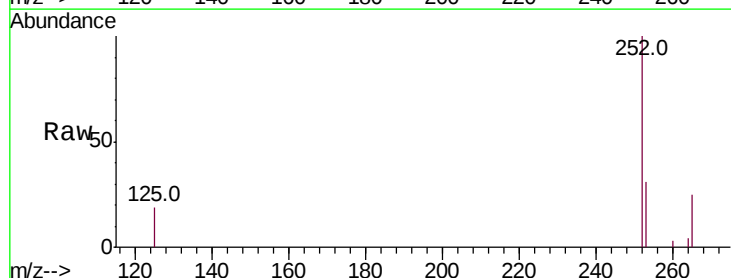
Tgt Ion:252 Resp: 3937

Ion Ratio Lower Upper

252 100

253 31.4 19.0 28.6#

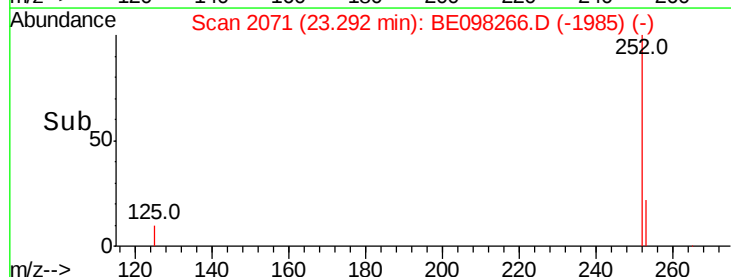
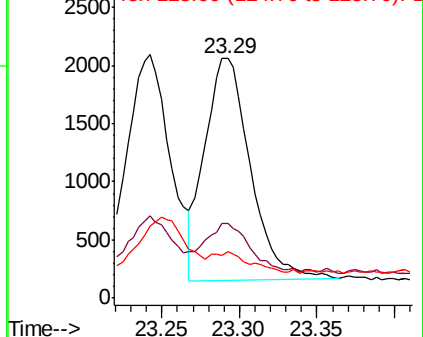
125 19.4 9.1 13.7#

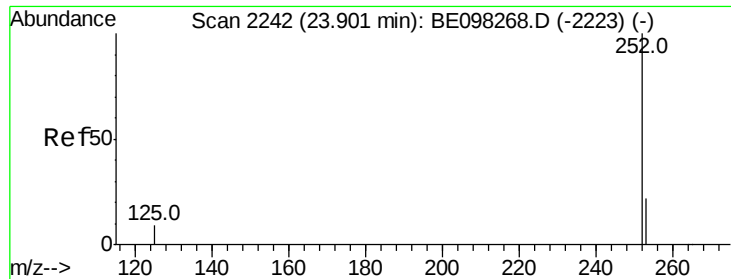


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.109 ng

RT: 23.91 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

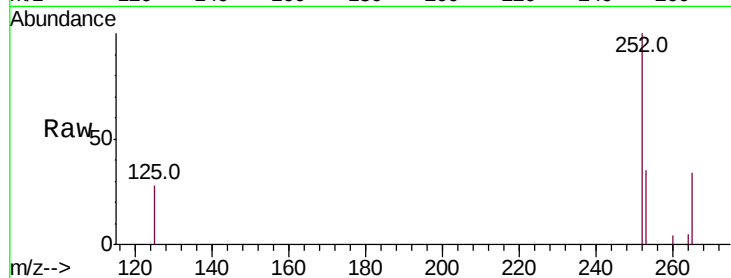
Tot Ion:252 Resp: 3655

Ion Ratio Lower Upper

252 100

253 34.7 20.6 30.8#

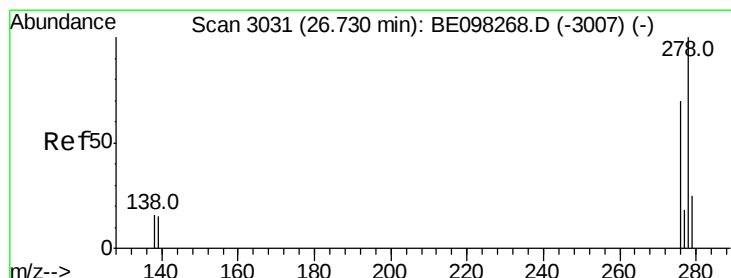
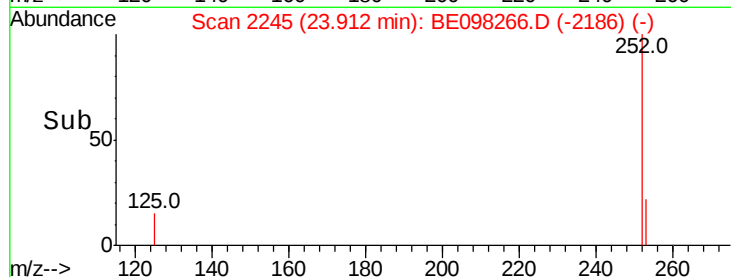
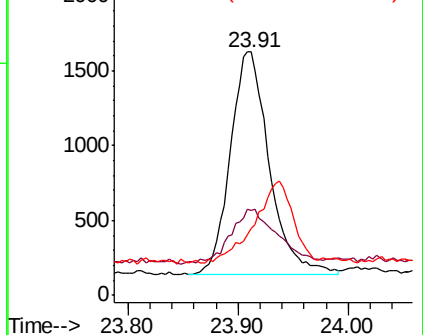
125 27.7 10.5 15.7#



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: 0.126 ng

RT: 26.74 min Scan# 3034

Delta R.T. 0.01 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

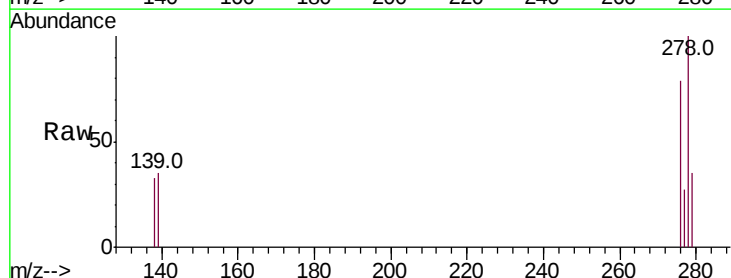
Tgt Ion:278 Resp: 3400

Ion Ratio Lower Upper

278 100

139 34.9 14.5 21.7#

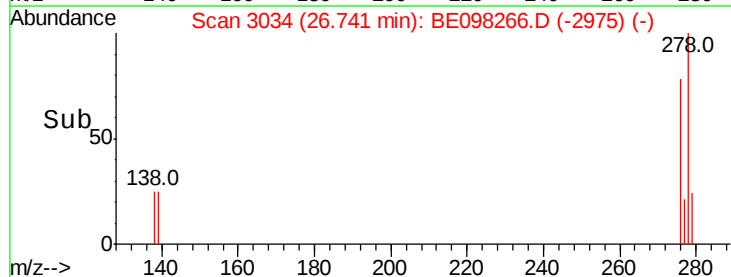
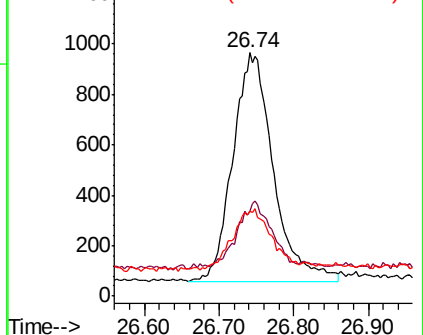
279 35.0 21.8 32.8#

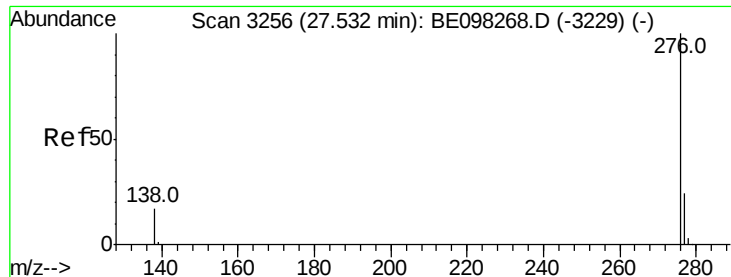


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.119 ng

RT: 27.55 min Scan# 3261

Delta R.T. 0.02 min

Lab File: BE098266.D

Acq: 29 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

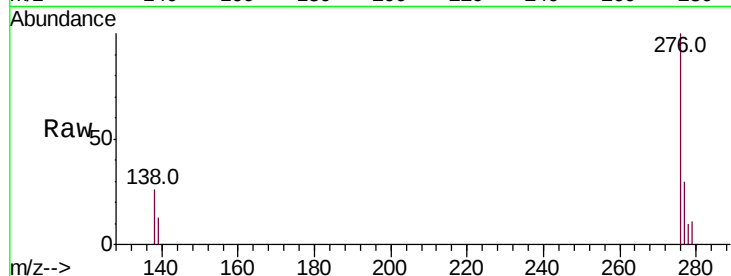
Tot Ion:276 Resp: 3454

Ion Ratio Lower Upper

276 100

277 30.4 20.8 31.2

138 26.4 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

