

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098271.D
 Acq On : 29 Nov 2018 13:19
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Nov 29 13:51:16 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	7.86	152	1792	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7739	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4695	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10729	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12566	0.40	ng	0.00
34) Perylene-d12	24.01	264	11897	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	15823	3.29	ng	0.00
5) Phenol-d6	7.03	99	23221	3.08	ng	0.00
8) Nitrobenzene-d5	9.02	82	25820	3.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	40494	2.98	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	7091	4.69	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	59537	2.92	ng	0.00
25) Fluoranthene-d10	19.31	212	431294	3.30	ng	0.00
29) Terphenyl-d14	19.91	244	86836	3.01	ng	0.00

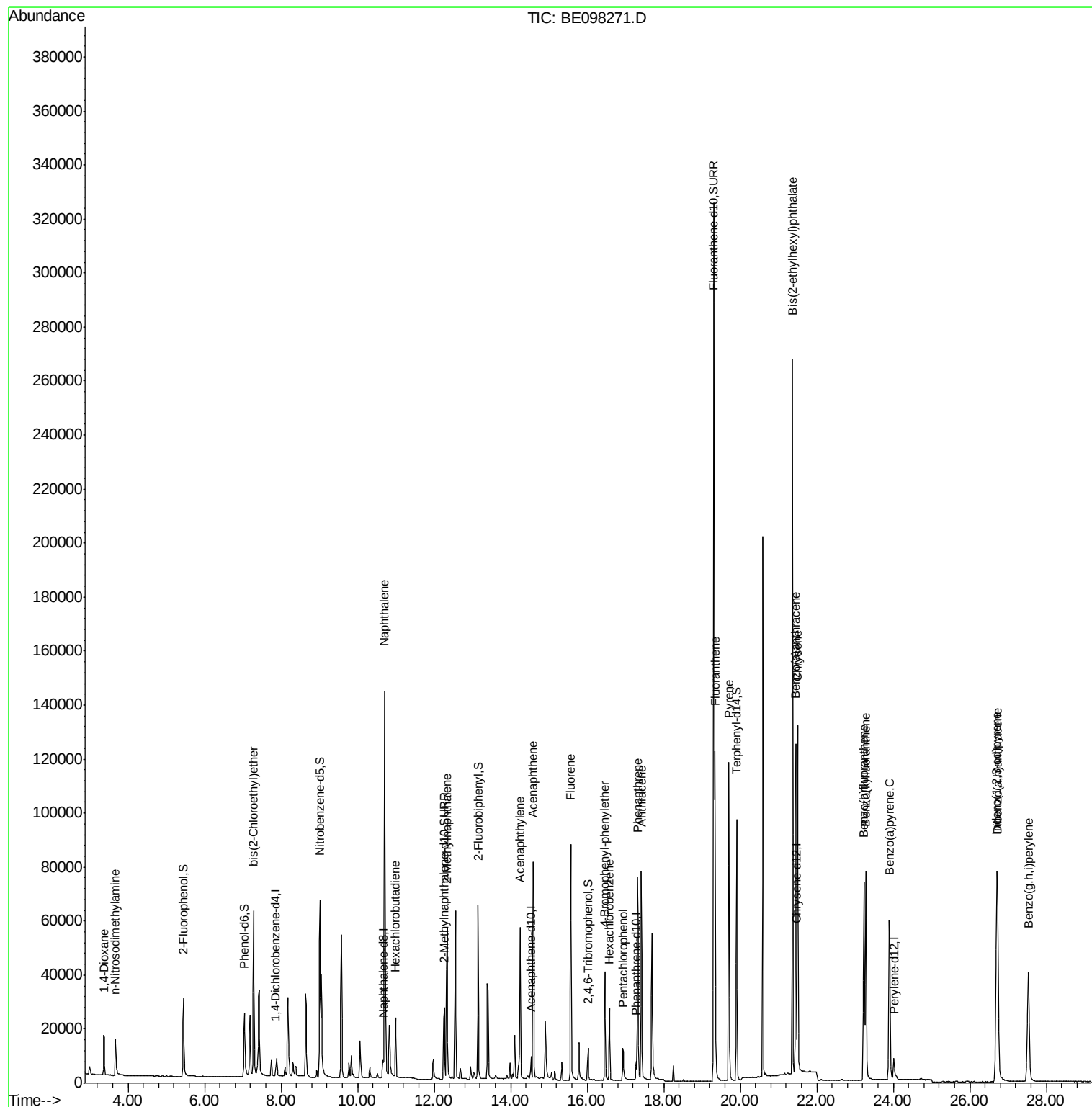
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	9531	3.388	ng	97
3) n-Nitrosodimethylamine	3.67	42	11468	3.628	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	20824	3.221	ng	95
9) Naphthalene	10.71	128	245515	3.115	ng	99
10) Hexachlorobutadiene	10.99	225	15456	3.343	ng	99
12) 2-Methylnaphthalene	12.34	142	41643	3.000	ng	97
16) Acenaphthylene	14.24	152	71380	3.193	ng	99
17) Acenaphthene	14.59	154	42303	3.170	ng	99
18) Fluorene	15.57	166	54794	3.221	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	20749	3.123	ng	92
21) Hexachlorobenzene	16.58	284	20683	3.018	ng	97
22) Pentachlorophenol	16.94	266	7934	8.387	ng	91
23) Phenanthrene	17.31	178	85729	3.105	ng	99
24) Anthracene	17.41	178	83016	3.311	ng	99
26) Fluoranthene	19.34	202	107548	3.247	ng	100
28) Pyrene	19.70	202	111992	3.049	ng	99
30) Benzo(a)anthracene	21.45	228	117500	3.232	ng	99
31) Chrysene	21.50	228	117494	3.141	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	273899	4.834	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	124210	3.880	ng	99
35) Benzo(b)fluoranthene	23.23	252	107920	3.212	ng	# 94
36) Benzo(k)fluoranthene	23.28	252	119075	3.139	ng	# 95
37) Benzo(a)pyrene	23.90	252	107963	3.273	ng	# 93
38) Dibenzo(a,h)anthracene	26.73	278	103565	3.917	ng	# 92
39) Benzo(g,h,i)perylene	27.53	276	103216	3.624	ng	96

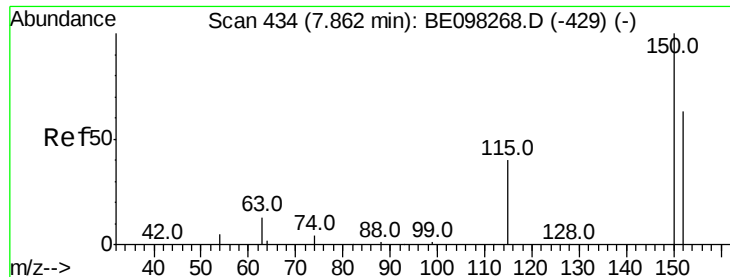
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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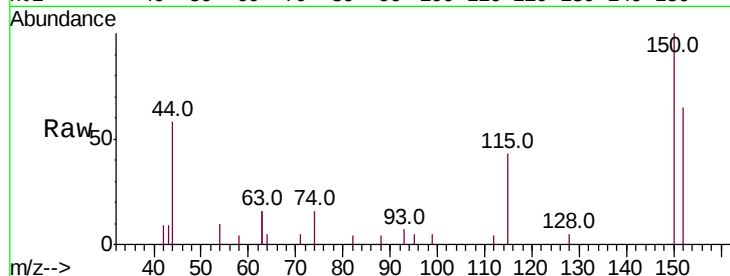


#1

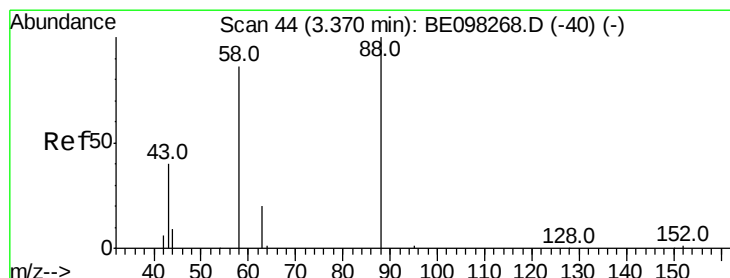
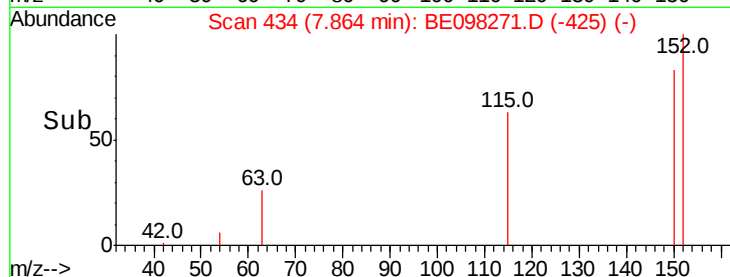
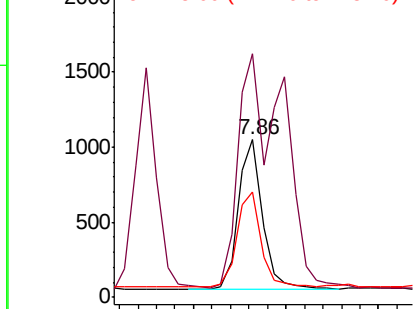
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 1792
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.4
115 66.5 53.9 80.9



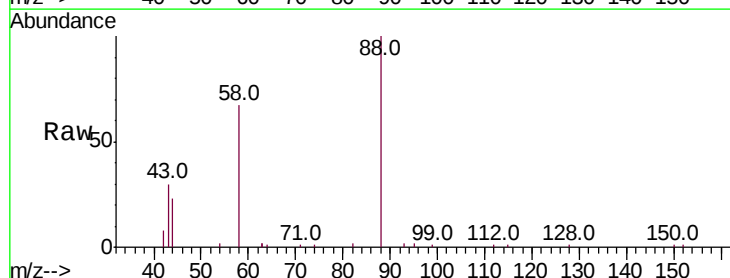
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



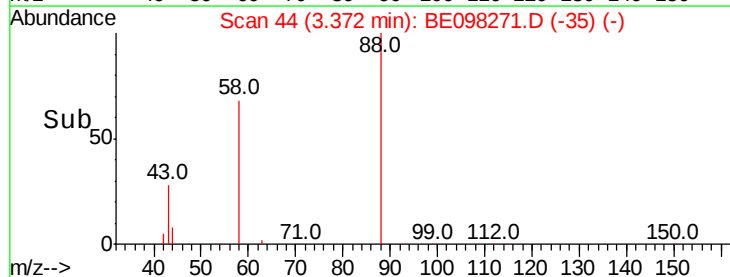
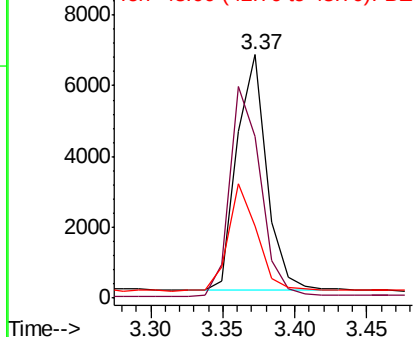
#2

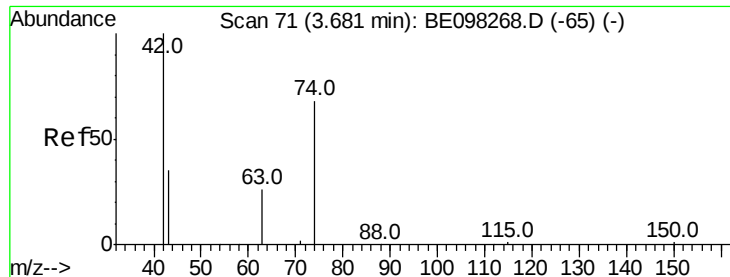
1,4-Dioxane
Concen: 3.388 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion: 88 Resp: 9531
Ion Ratio Lower Upper
88 100
58 92.4 75.0 112.6
43 44.5 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: 3.628 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

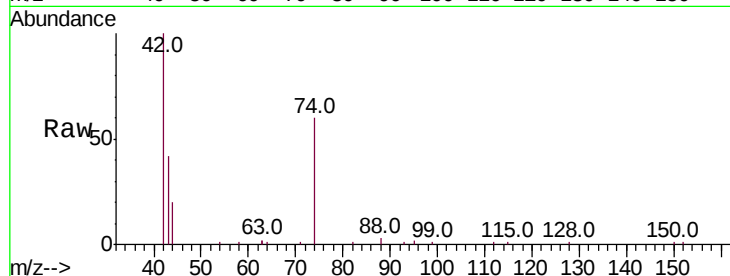
Tot Ion: 42 Resp: 11468

Ion Ratio Lower Upper

42 100

74 85.7 0.0 0.0#

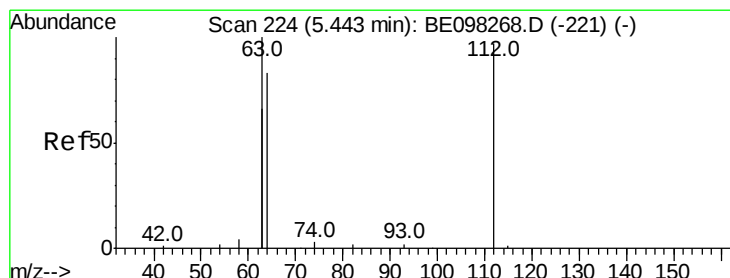
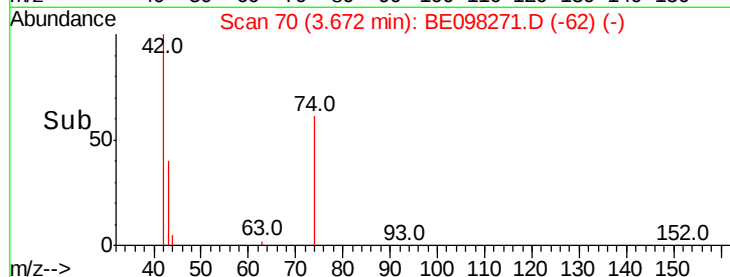
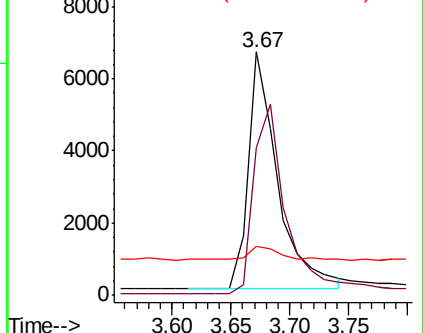
44 6.4 0.0 0.0#



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: 3.292 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

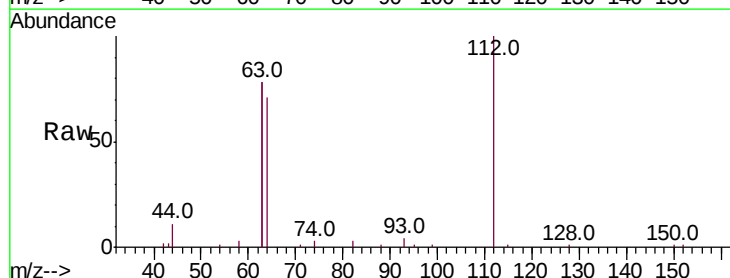
Tgt Ion: 112 Resp: 15823

Ion Ratio Lower Upper

112 100

64 76.2 59.8 89.8

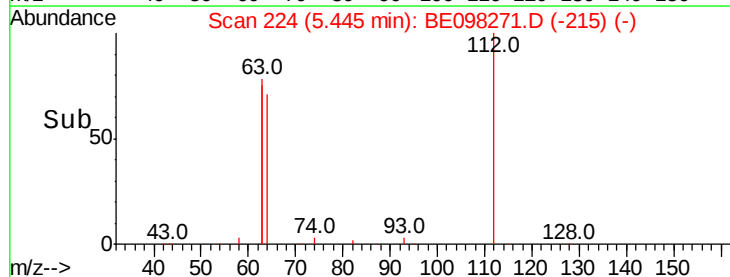
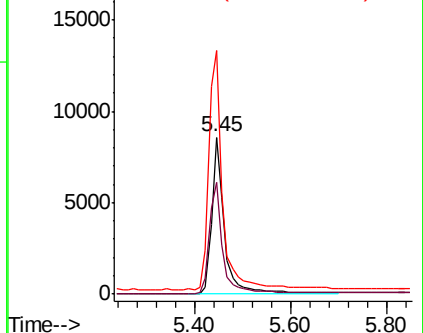
63 165.8 133.7 200.5

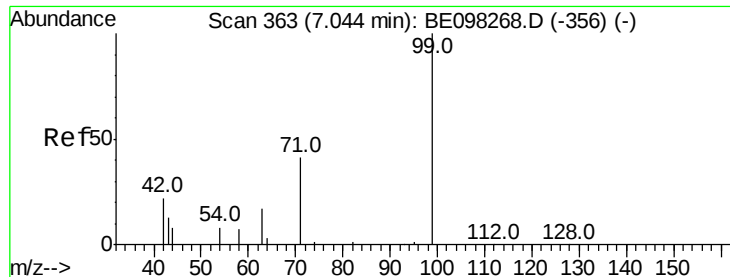


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.076 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

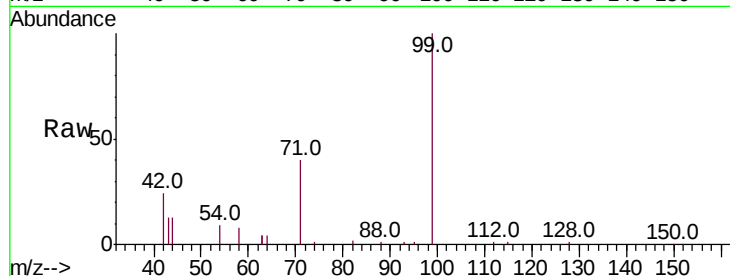
Tot Ion: 99 Resp: 23221

Ion Ratio Lower Upper

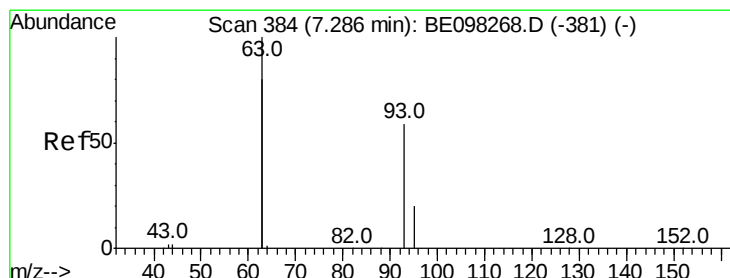
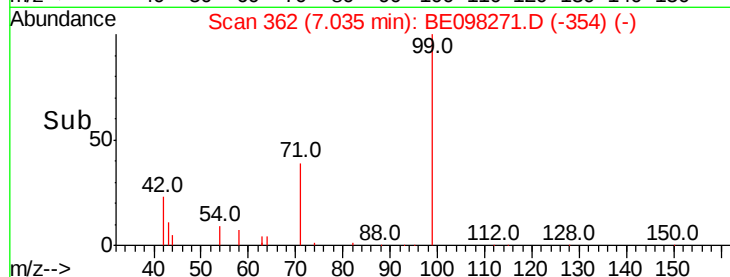
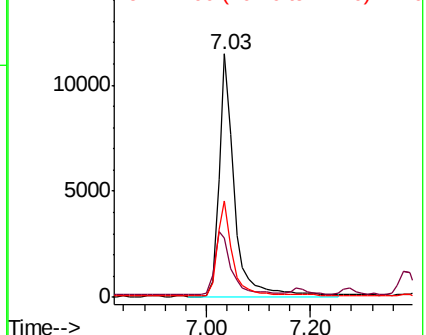
99 100

42 28.2 26.3 39.5

71 40.6 33.6 50.4



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 3.221 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

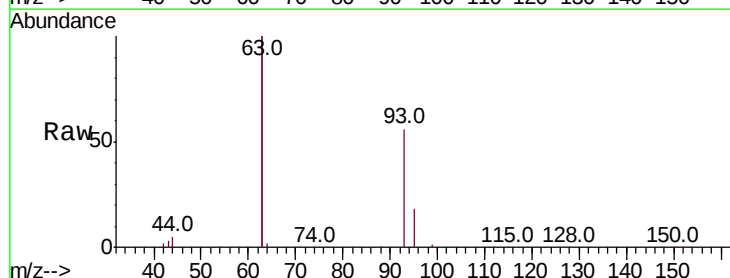
Tgt Ion: 93 Resp: 20824

Ion Ratio Lower Upper

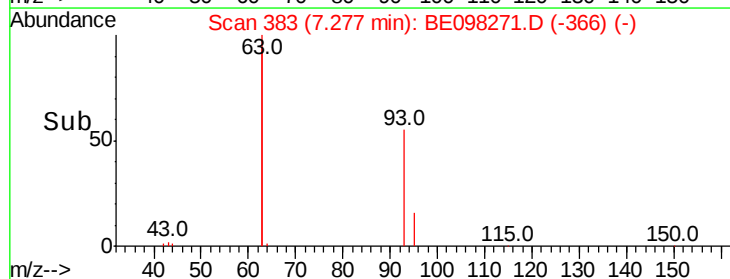
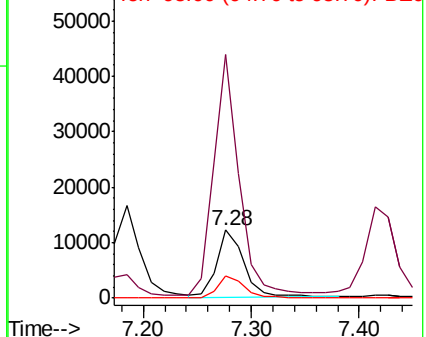
93 100

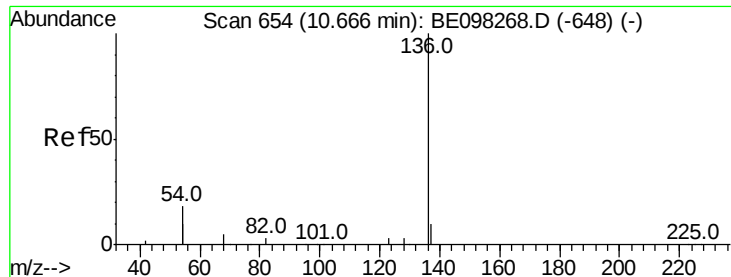
63 341.5 264.4 396.6

95 31.4 26.6 40.0



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 7739

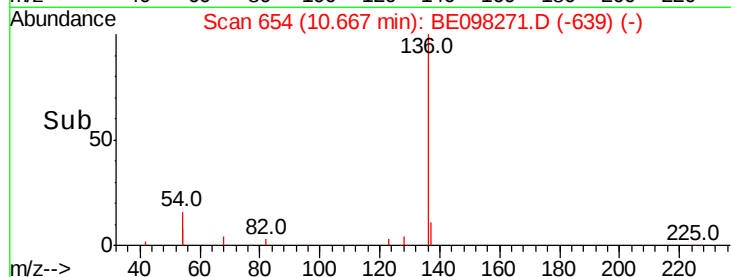
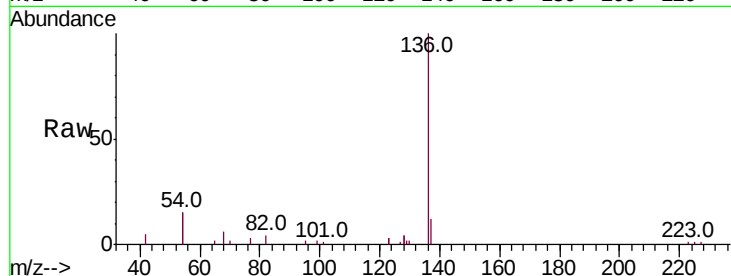
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 31.0 28.4 42.6

68 5.7 5.4 8.0

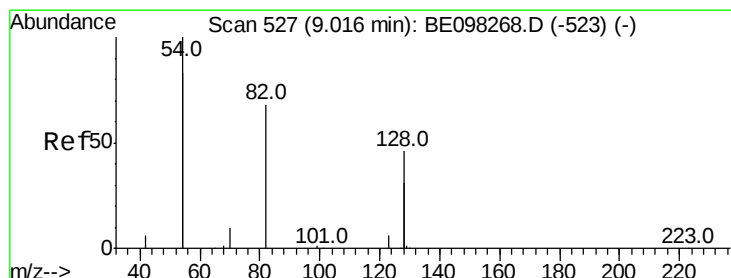
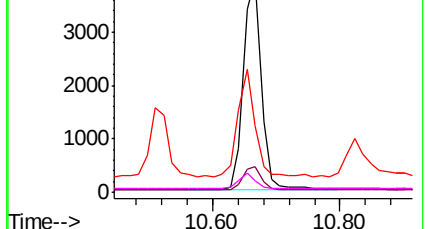


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.535 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

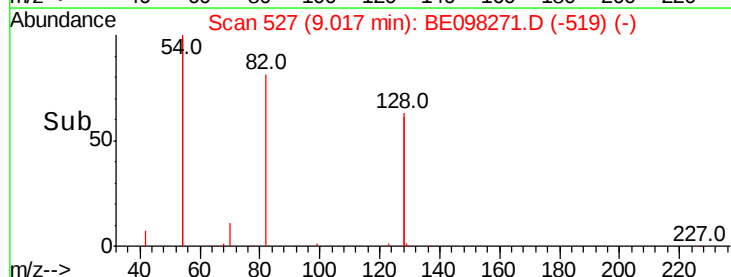
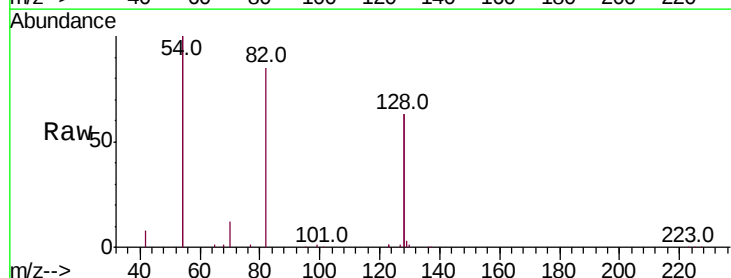
Tgt Ion: 82 Resp: 25820

Ion Ratio Lower Upper

82 100

128 147.4 102.4 153.6

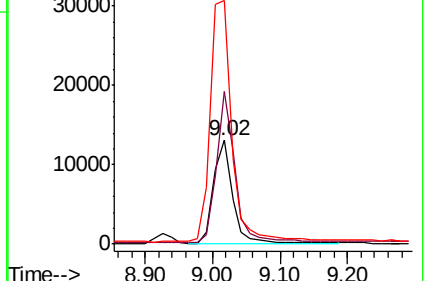
54 235.0 221.8 332.8

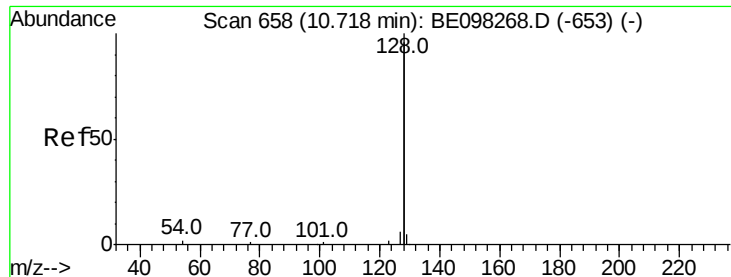


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.115 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

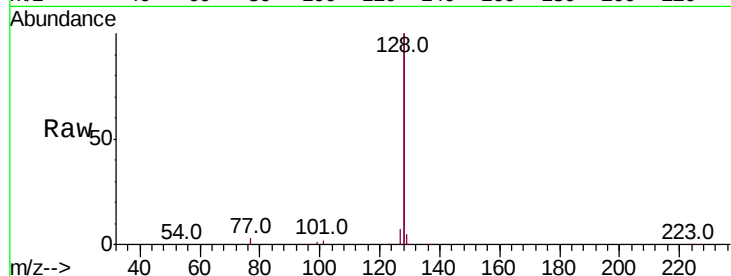
Tot Ion:128 Resp: 245515

Ion Ratio Lower Upper

128 100

129 2.7 2.5 3.7

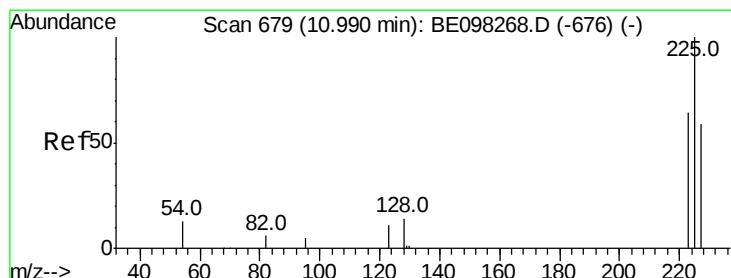
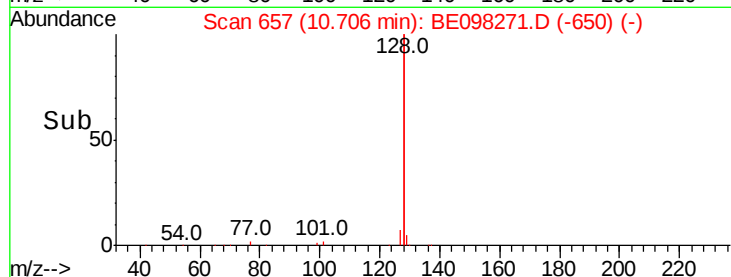
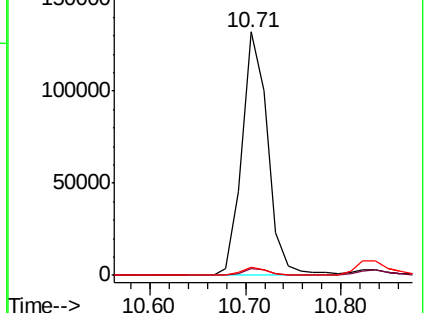
127 3.4 2.7 4.1



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: 3.343 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

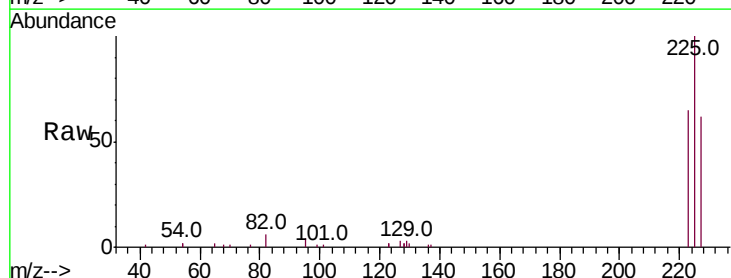
Tgt Ion:225 Resp: 15456

Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.0

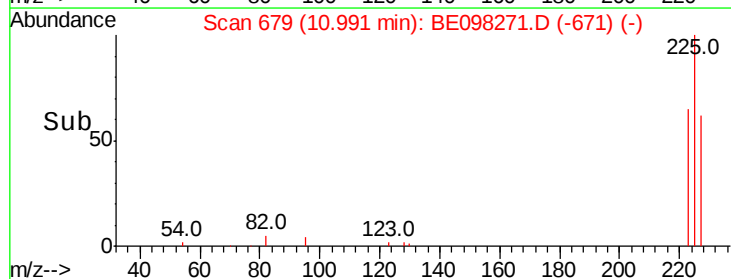
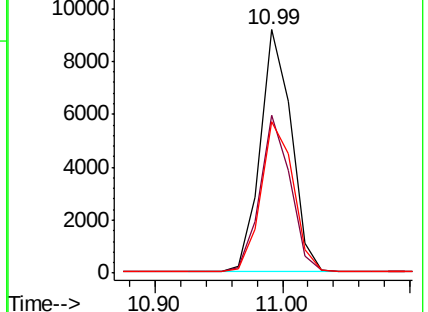
227 64.4 52.0 78.0

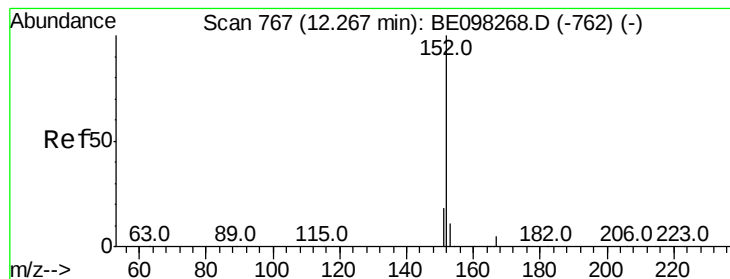


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 2.982 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

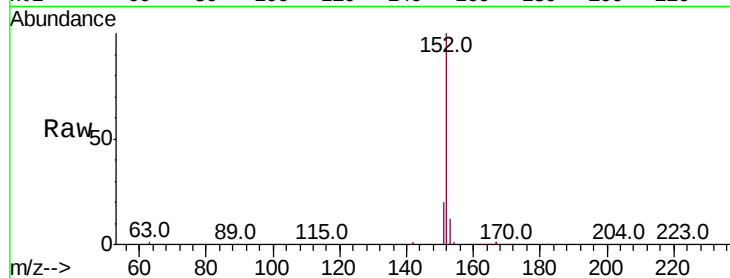
SSTDICC3.2

Tot Ion:152 Resp: 40494

Ion Ratio Lower Upper

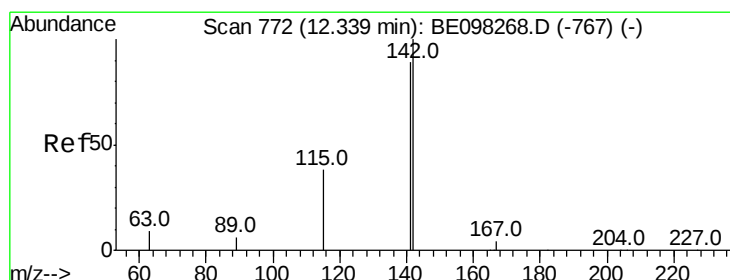
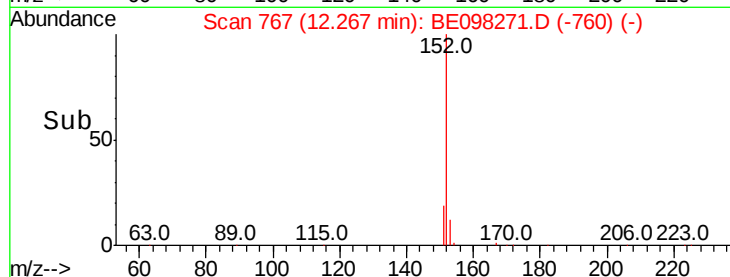
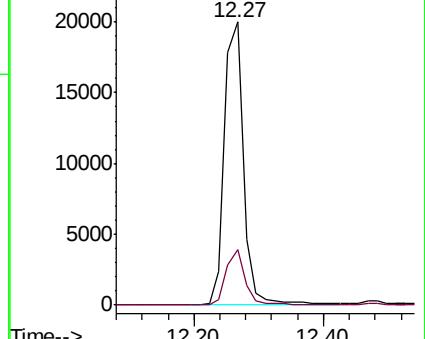
152 100

151 19.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.000 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

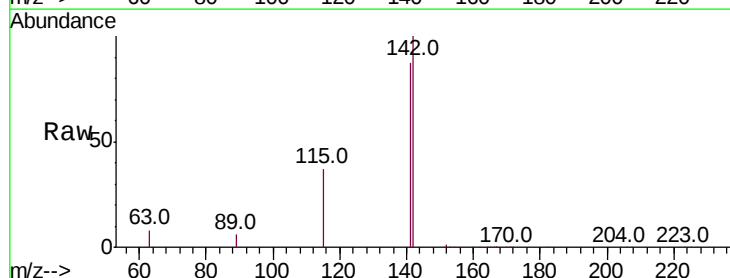
Tgt Ion:142 Resp: 41643

Ion Ratio Lower Upper

142 100

141 86.9 71.0 106.6

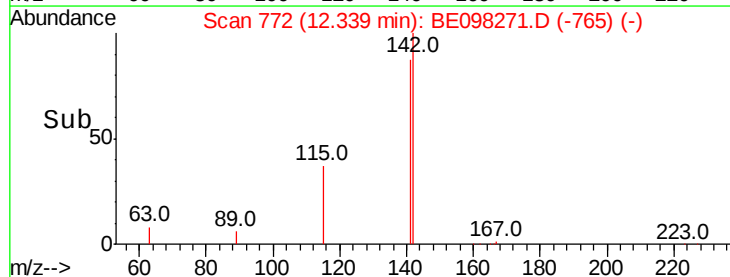
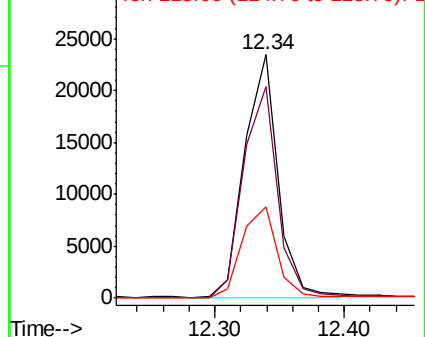
115 37.3 32.2 48.2

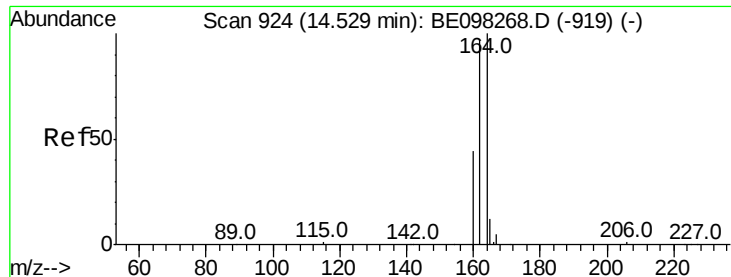


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

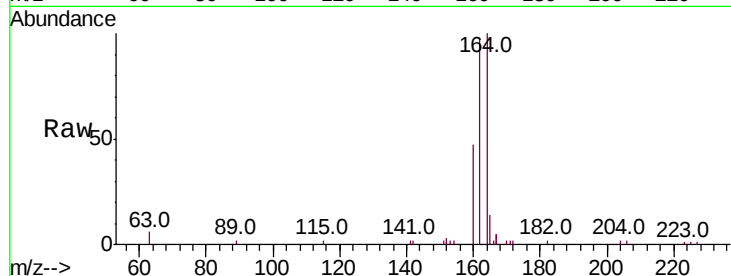




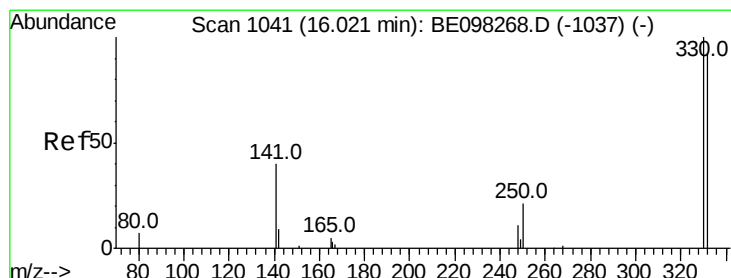
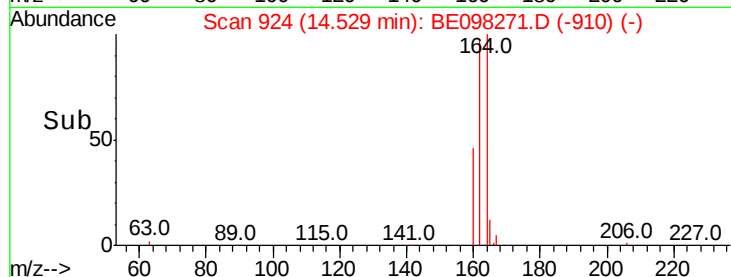
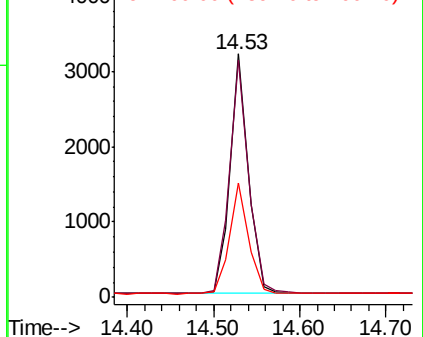
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:164 Resp: 4695
Ion Ratio Lower Upper
164 100
162 97.5 77.6 116.4
160 47.1 36.0 54.0

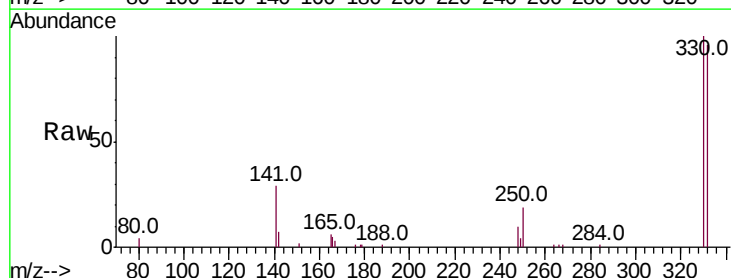


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

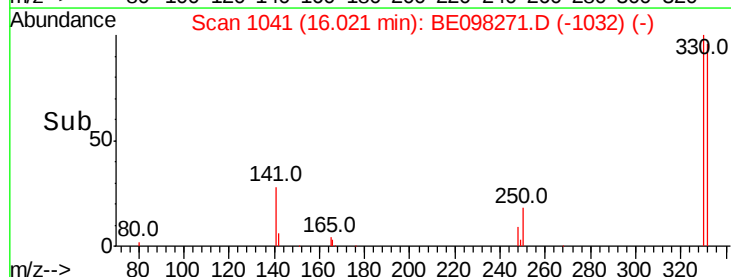
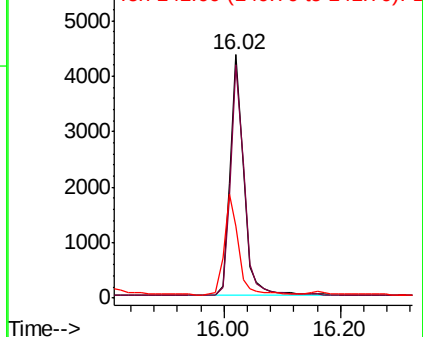


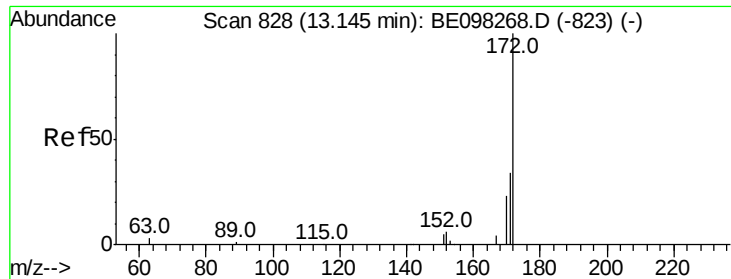
#14
2,4,6-Tribromophenol
Concen: 4.689 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:330 Resp: 7091
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 42.7 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

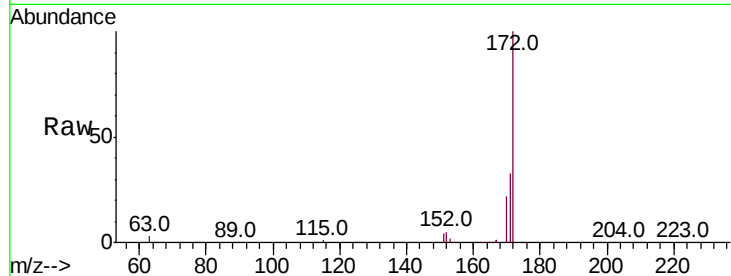




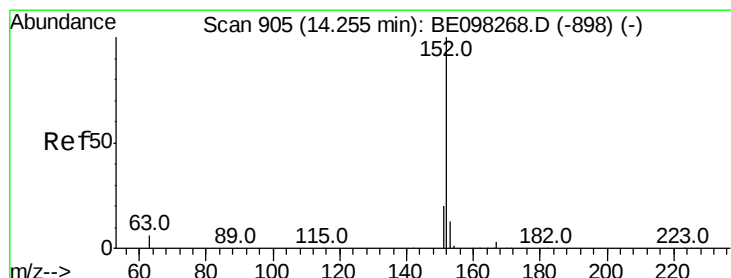
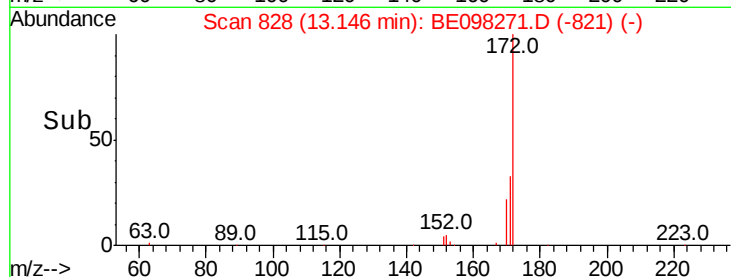
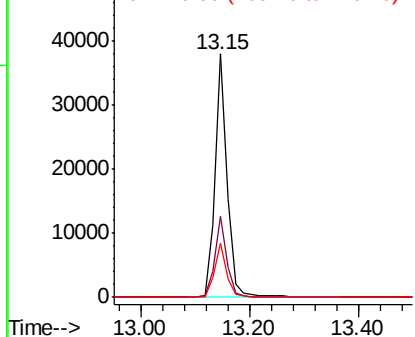
#15
2-Fluorobiphenyl
Concen: 2.916 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:172 Resp: 59537
Ion Ratio Lower Upper
172 100
171 33.2 27.5 41.3
170 22.4 19.6 29.4

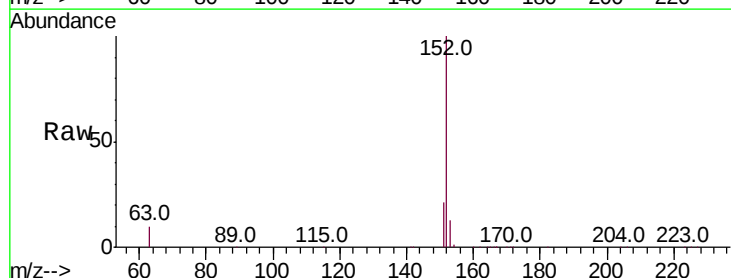


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

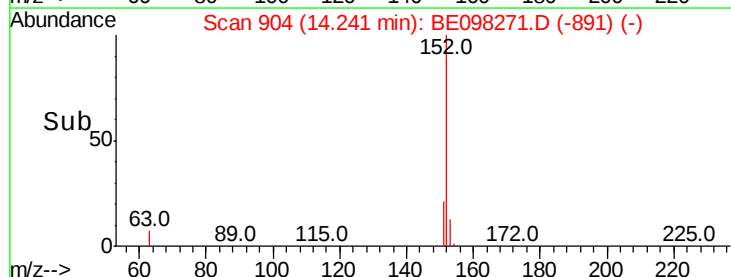
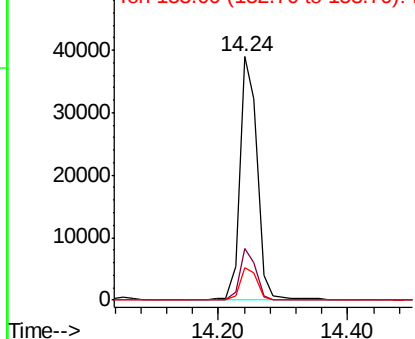


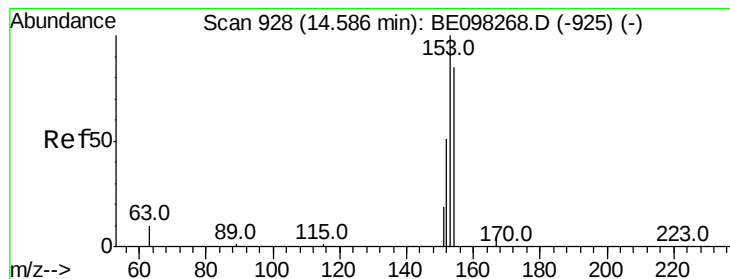
#16
Acenaphthylene
Concen: 3.193 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:152 Resp: 71380
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 3.170 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

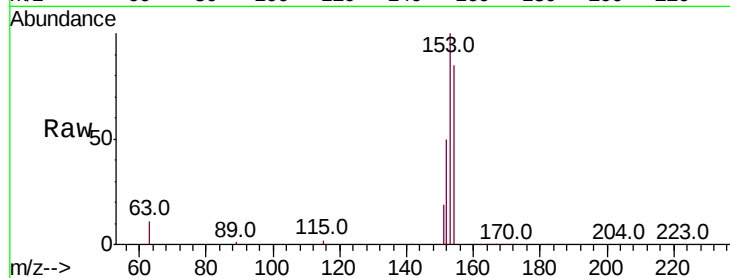
Tot Ion:154 Resp: 42303

Ion Ratio Lower Upper

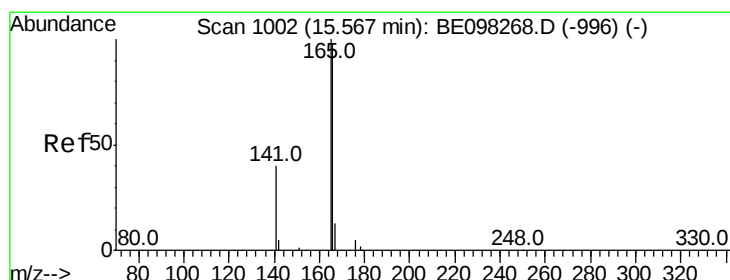
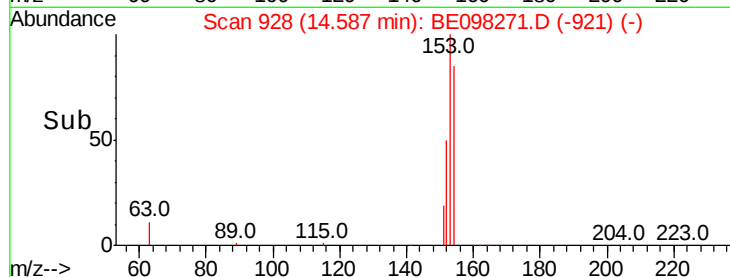
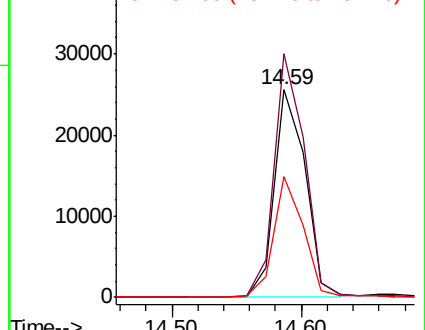
154 100

153 114.9 91.8 137.6

152 55.2 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: 3.221 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

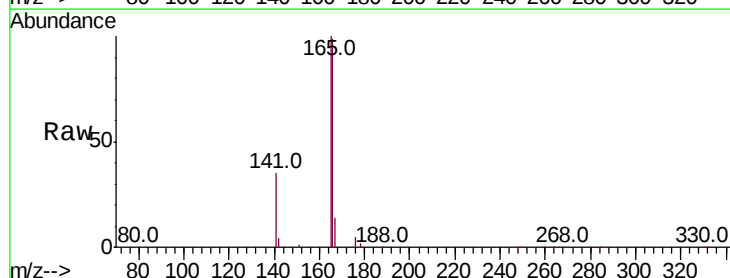
Tgt Ion:166 Resp: 54794

Ion Ratio Lower Upper

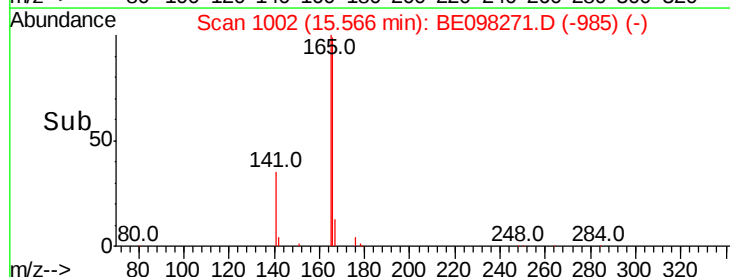
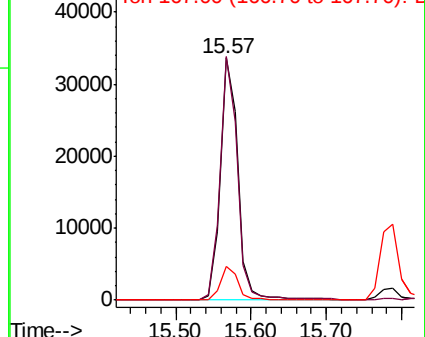
166 100

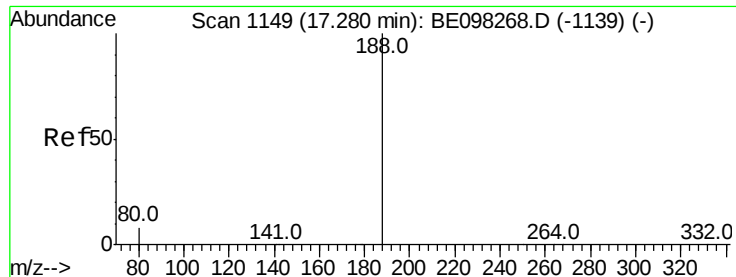
165 98.9 79.3 118.9

167 13.4 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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

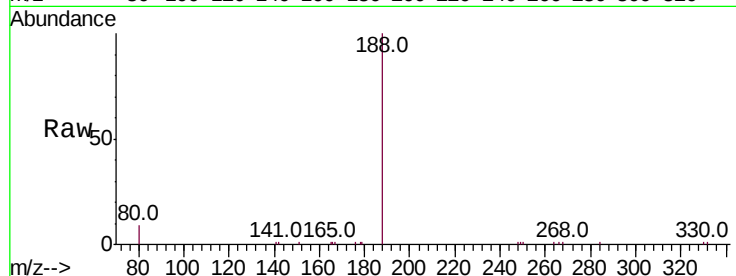
Tot Ion:188 Resp: 10729

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

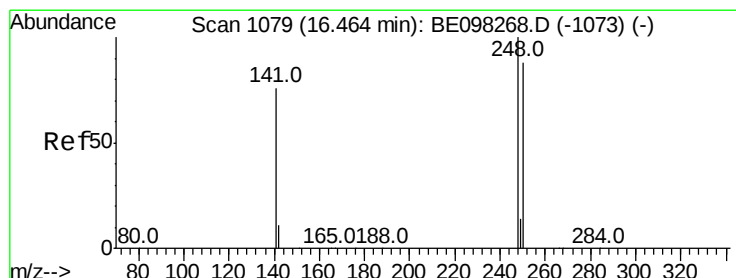
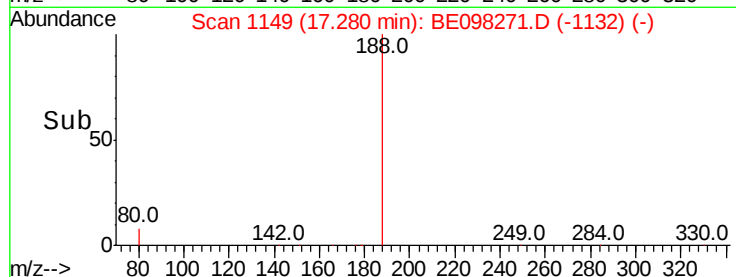
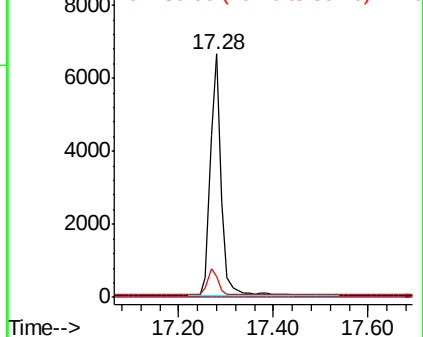
80 8.7 7.2 10.8



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: 3.123 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

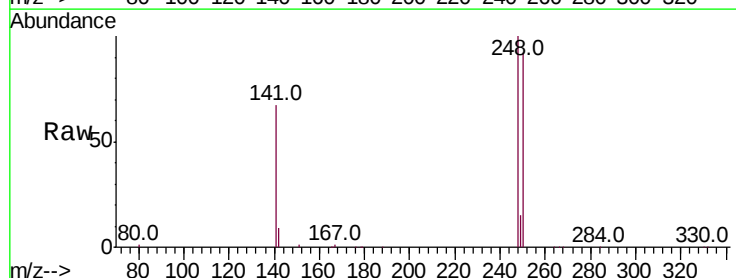
Tgt Ion:248 Resp: 20749

Ion Ratio Lower Upper

248 100

250 92.1 71.0 106.6

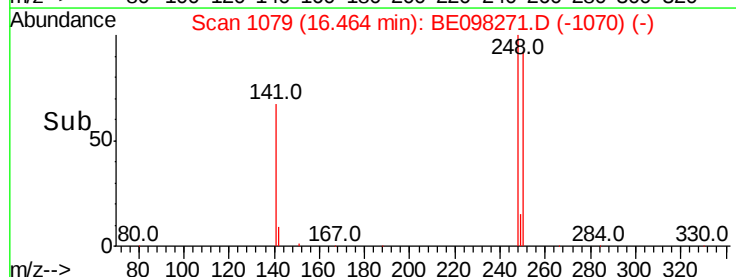
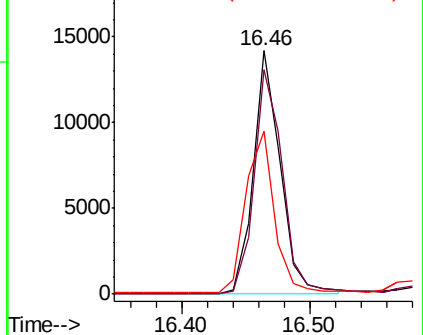
141 66.8 62.1 93.1

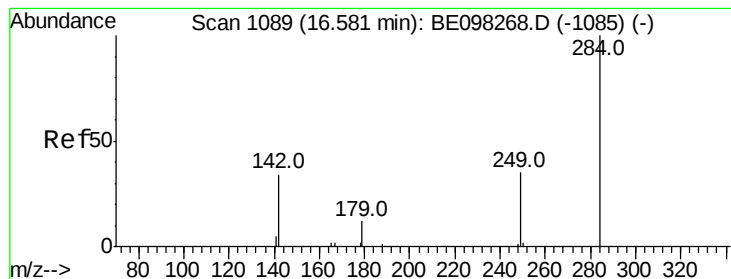


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.018 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

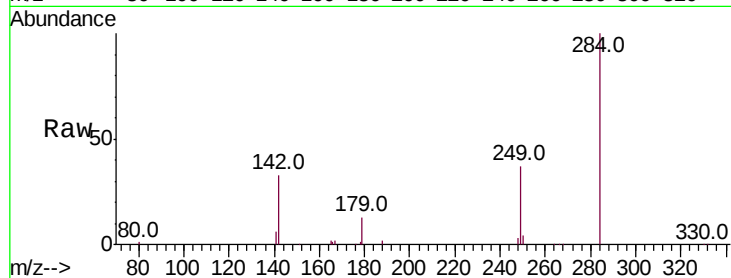
Tot Ion:284 Resp: 20683

Ion Ratio Lower Upper

284 100

142 34.3 26.3 39.5

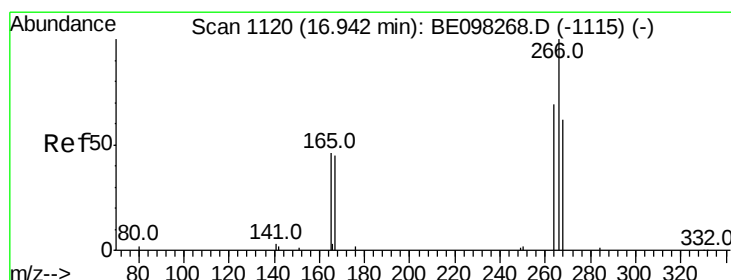
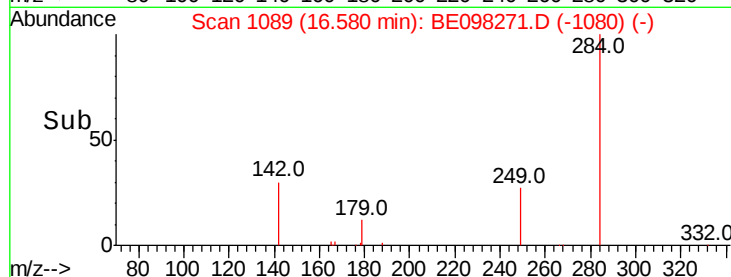
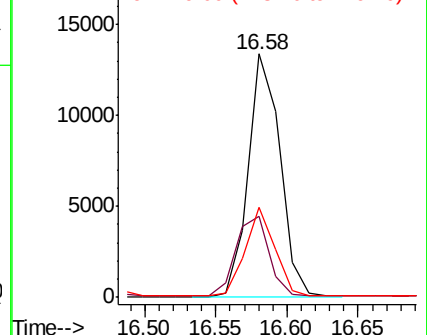
249 34.3 26.0 39.0



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: 8.387 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

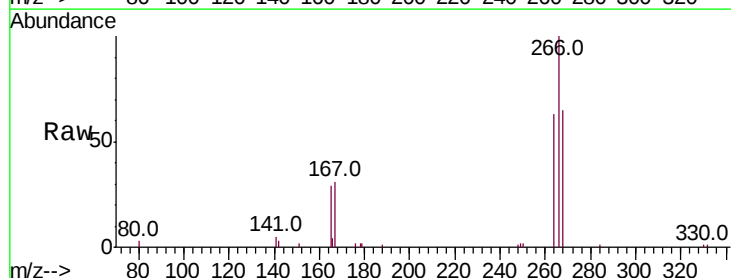
Tgt Ion:266 Resp: 7934

Ion Ratio Lower Upper

266 100

264 62.8 59.0 88.4

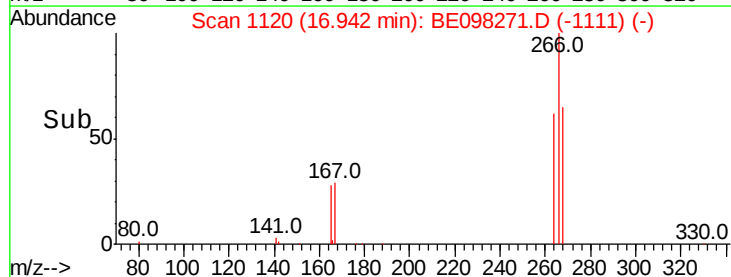
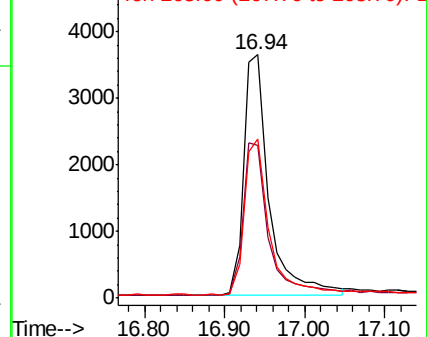
268 65.2 55.1 82.7

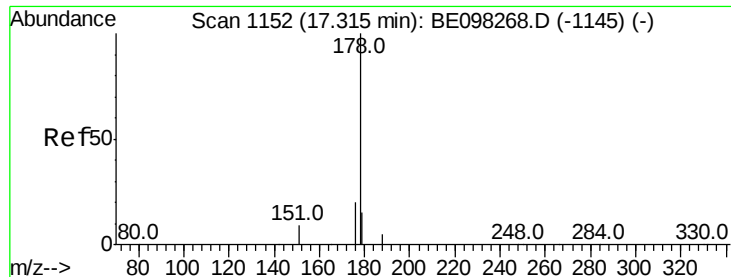


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.105 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

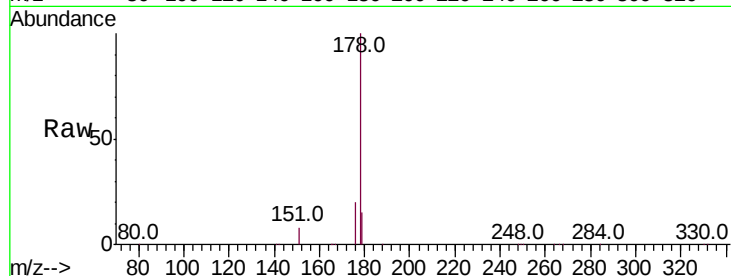
Tot Ion:178 Resp: 85729

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

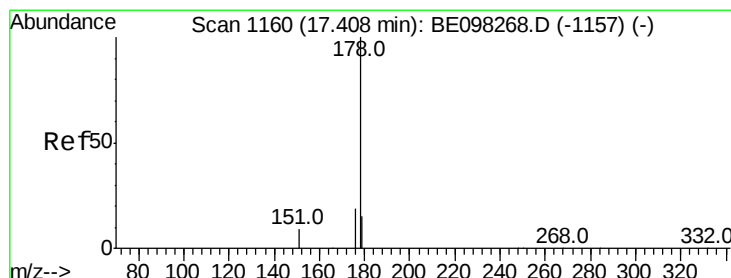
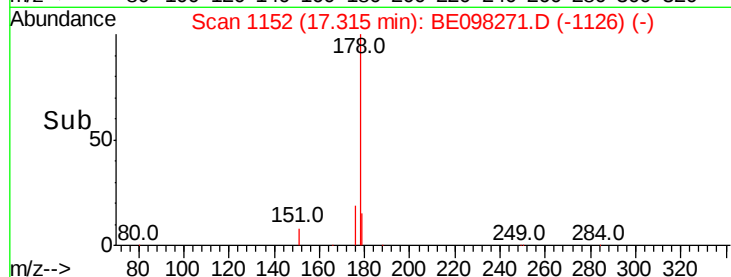
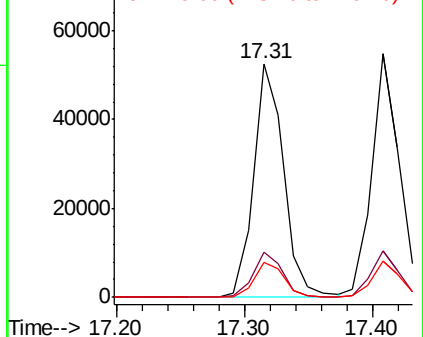
179 15.1 12.3 18.5



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: 3.311 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

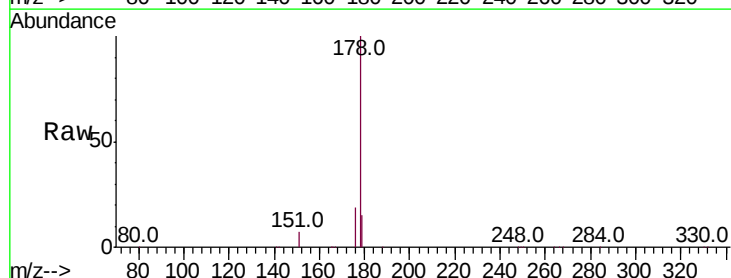
Tgt Ion:178 Resp: 83016

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

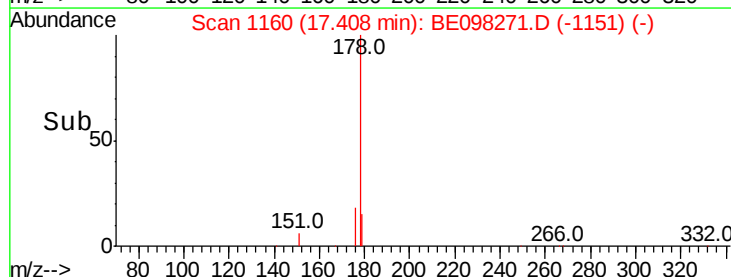
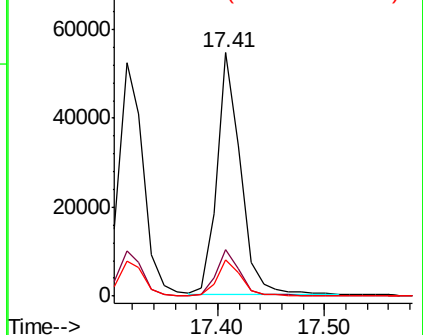
179 15.0 12.3 18.5

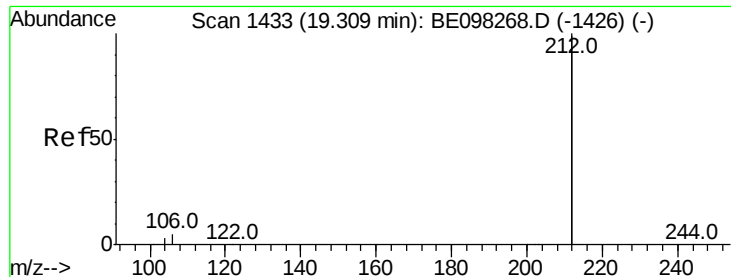


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.305 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

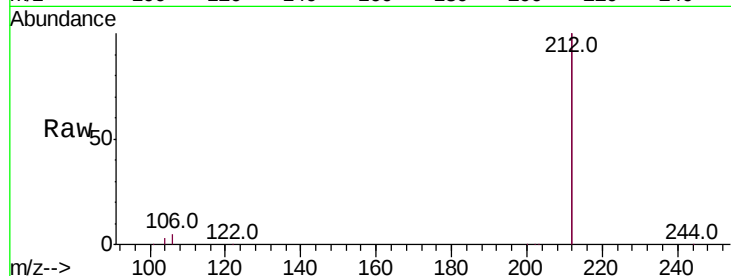
Tot Ion:212 Resp: 431294

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

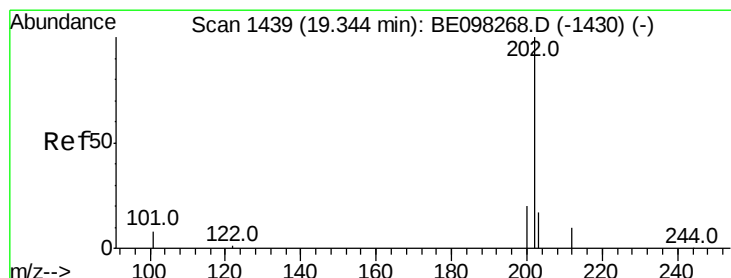
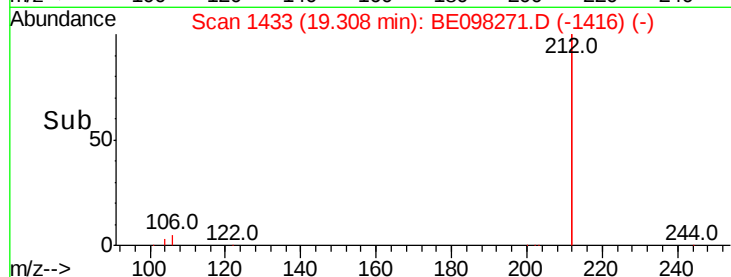
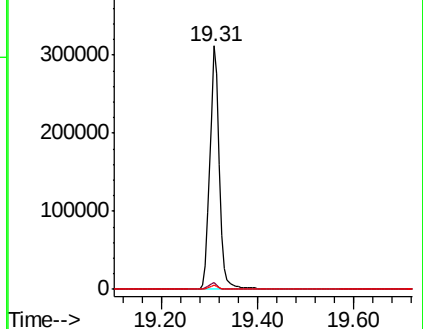
104 1.5 1.3 1.9



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: 3.247 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

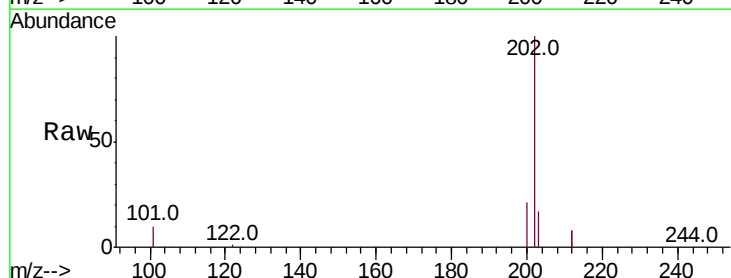
Tgt Ion:202 Resp: 107548

Ion Ratio Lower Upper

202 100

101 10.1 8.0 12.0

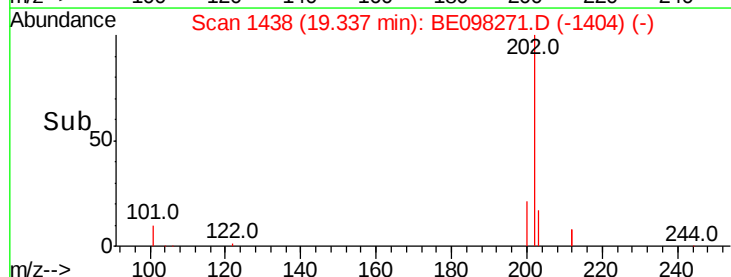
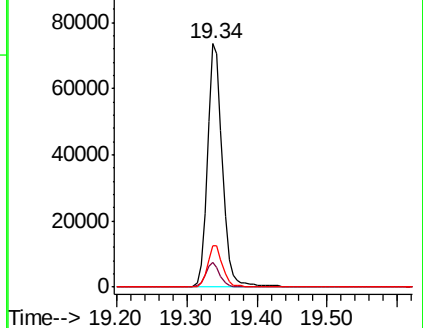
203 17.3 13.8 20.6

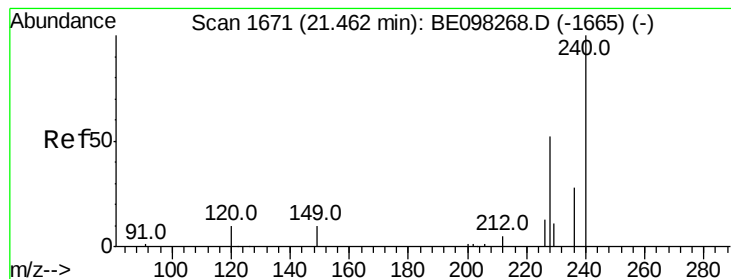


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

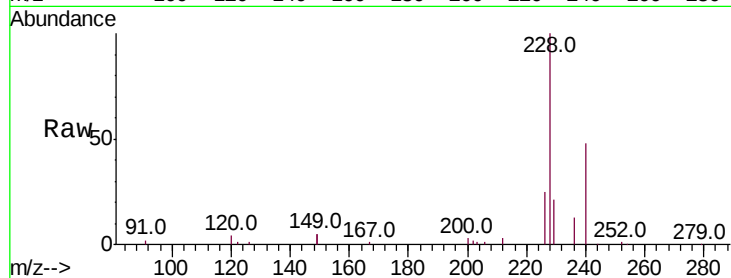
Tot Ion:240 Resp: 12566

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

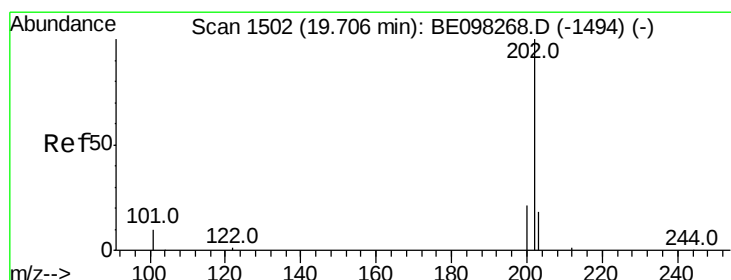
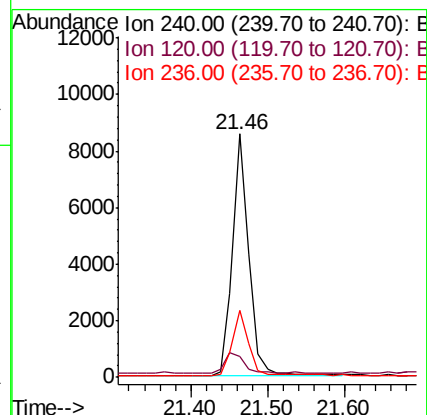
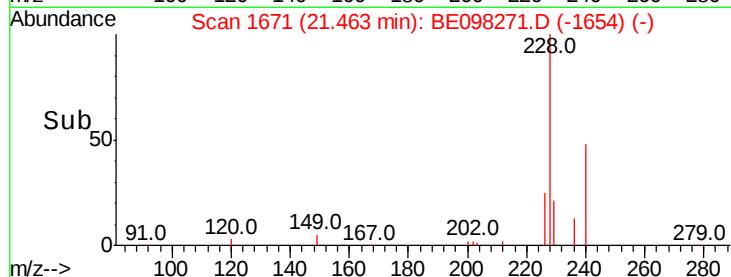
236 27.6 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.049 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

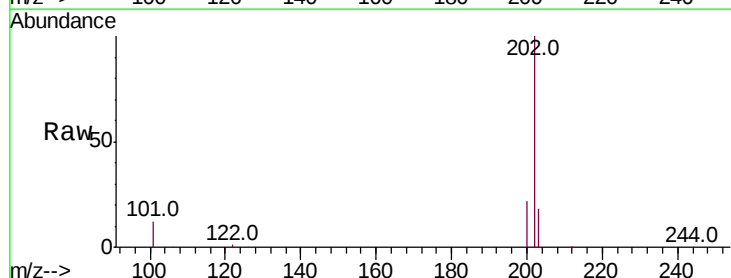
Tgt Ion:202 Resp: 111992

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

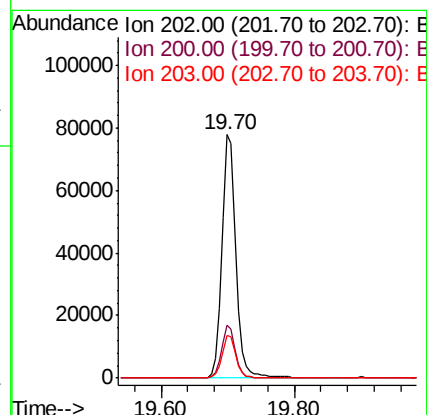
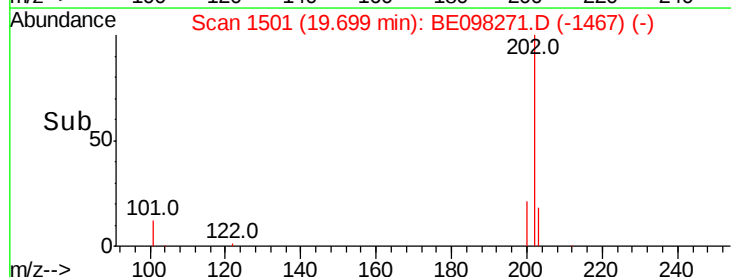
203 17.6 14.1 21.1

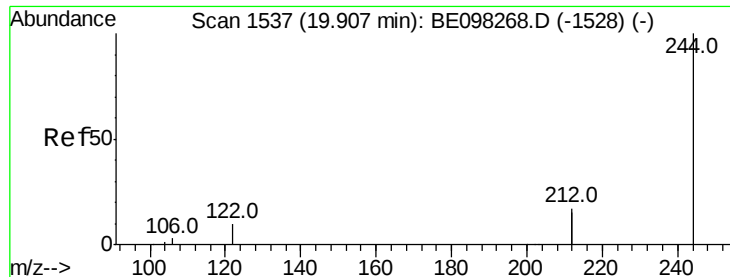


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.007 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

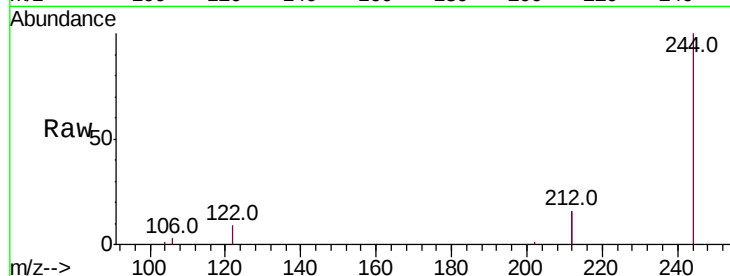
Tot Ion:244 Resp: 86836

Ion Ratio Lower Upper

244 100

212 31.8 27.4 41.0

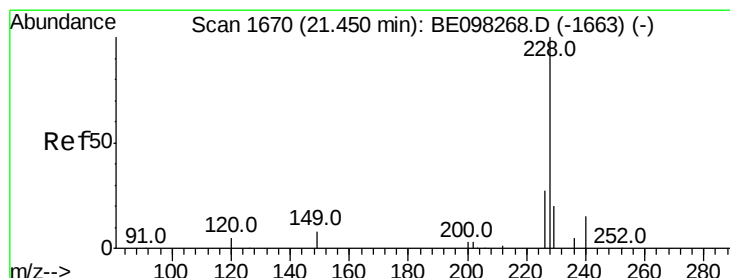
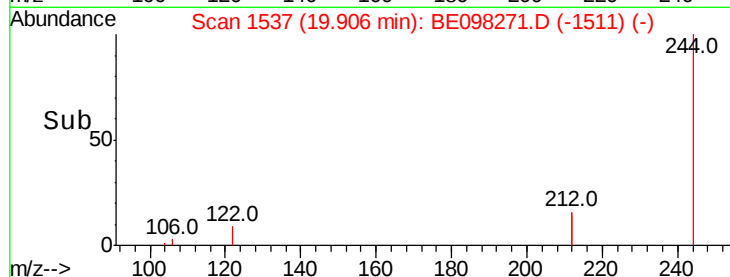
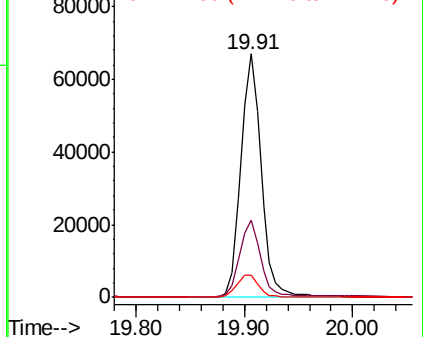
122 9.0 8.3 12.5



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: 3.232 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

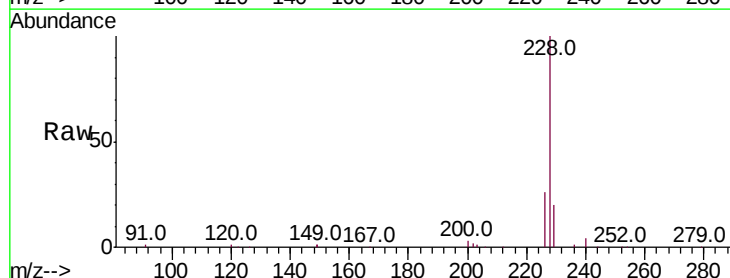
Tgt Ion:228 Resp: 117500

Ion Ratio Lower Upper

228 100

226 26.1 21.8 32.8

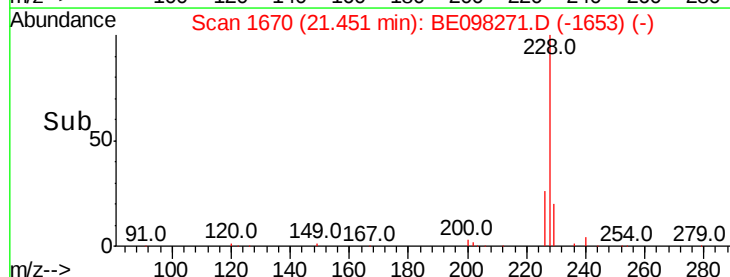
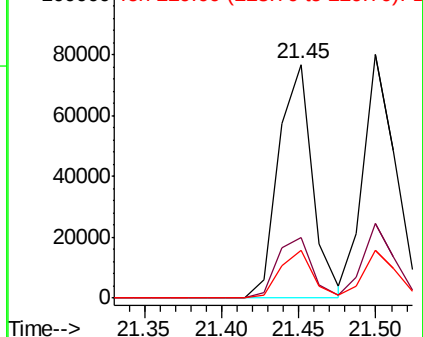
229 20.3 16.3 24.5

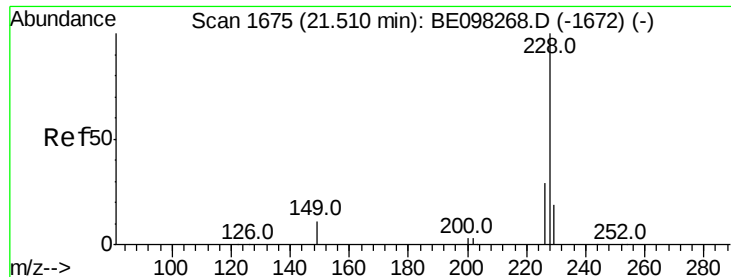


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.141 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

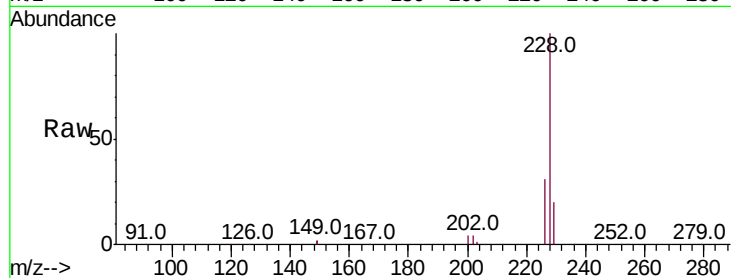
Tot Ion:228 Resp: 117494

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

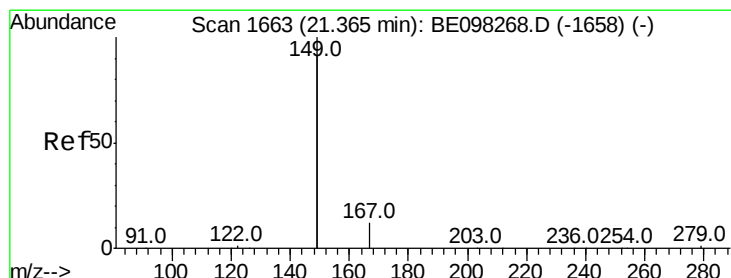
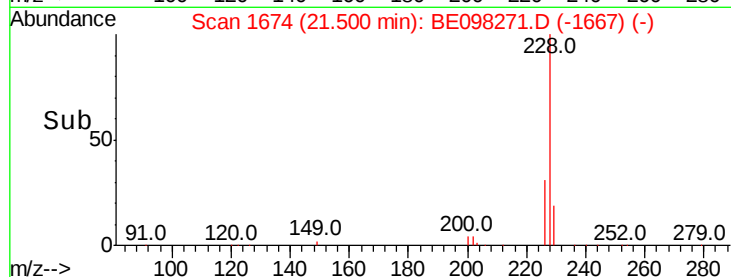
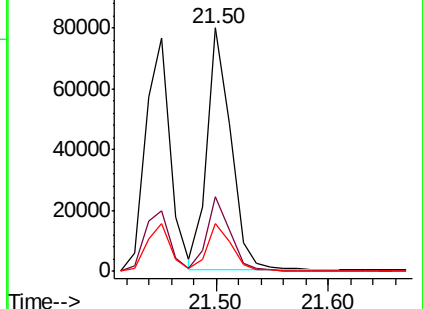
229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.834 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

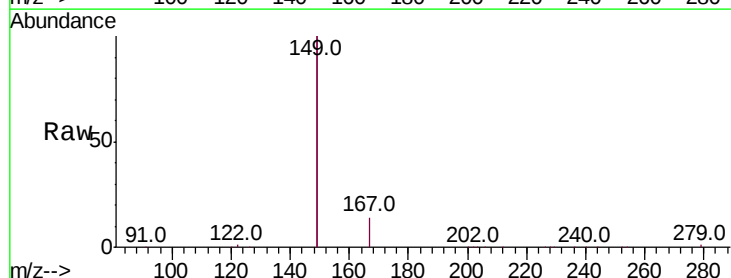
Tgt Ion:149 Resp: 273899

Ion Ratio Lower Upper

149 100

167 7.0 5.7 8.5

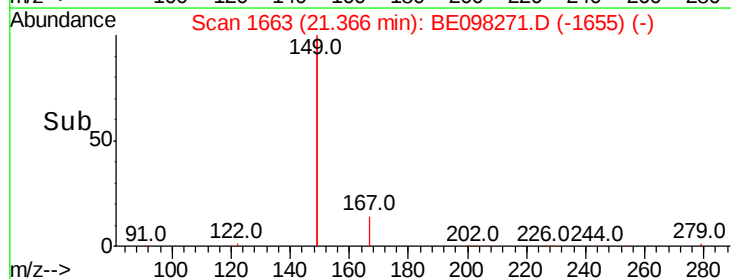
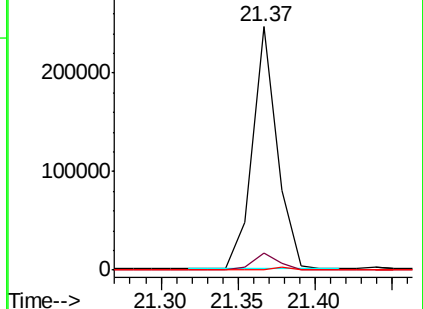
279 1.0 1.0 1.4

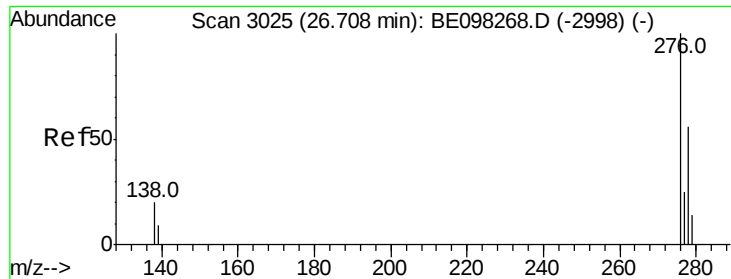


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

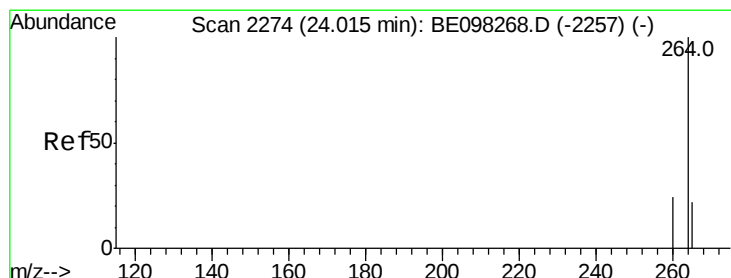
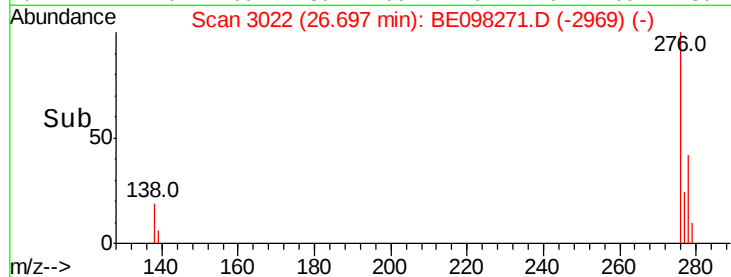
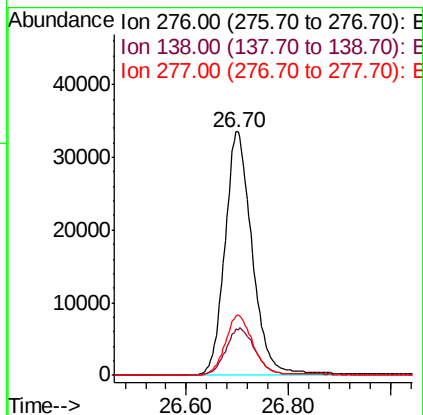
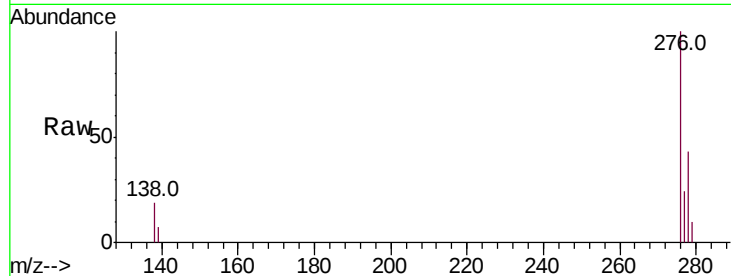




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.880 ng
 RT: 26.70 min Scan# 3022
 Delta R.T. -0.01 min
 Lab File: BE098271.D
 Acq: 29 Nov 2018 13:19

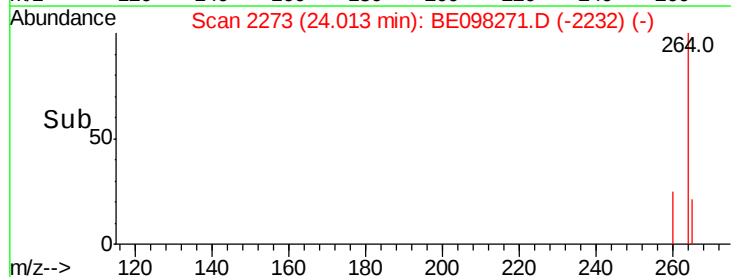
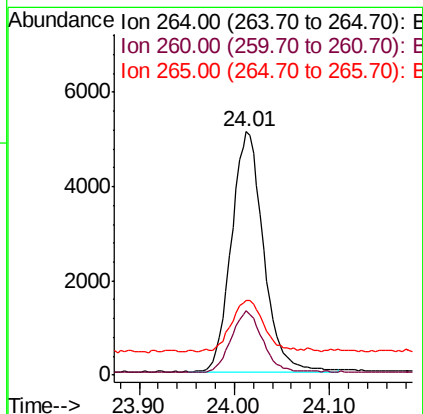
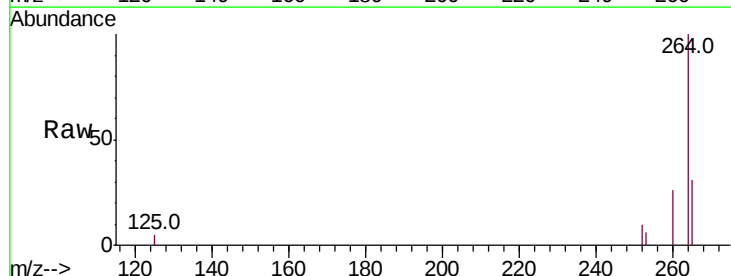
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

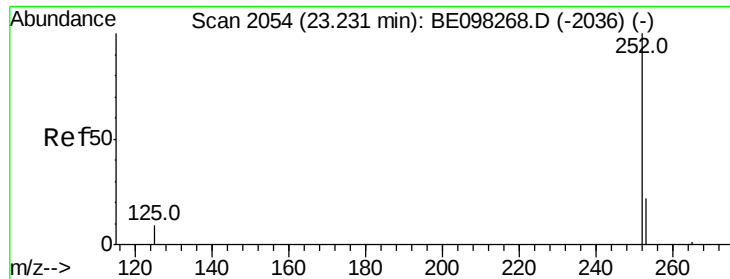
Tot Ion:276 Resp: 124210
 Ion Ratio Lower Upper
 276 100
 138 20.3 16.3 24.5
 277 24.7 20.2 30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098271.D
 Acq: 29 Nov 2018 13:19

Tgt Ion:264 Resp: 11897
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.2 30.2
 265 30.6 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 3.212 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

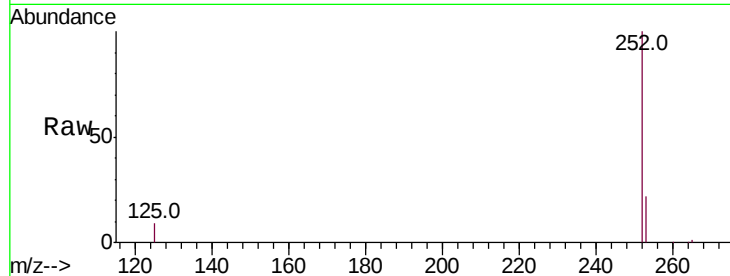
Tot Ion:252 Resp: 107920

Ion Ratio Lower Upper

252 100

253 22.4 20.0 30.0

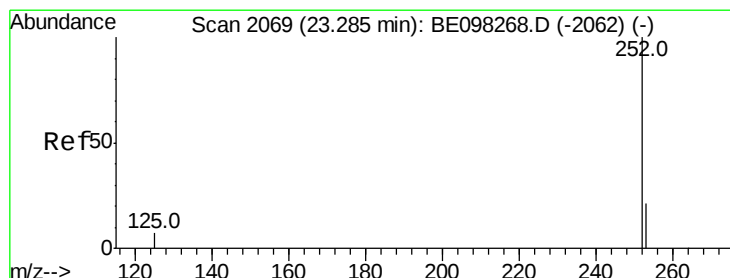
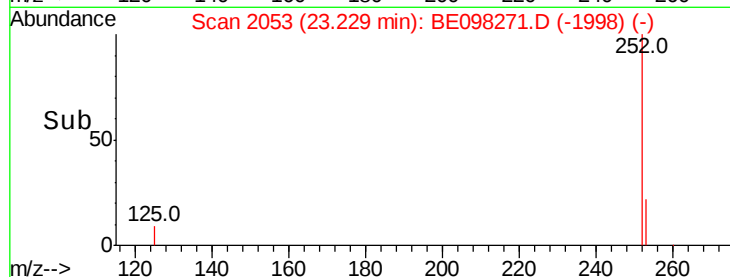
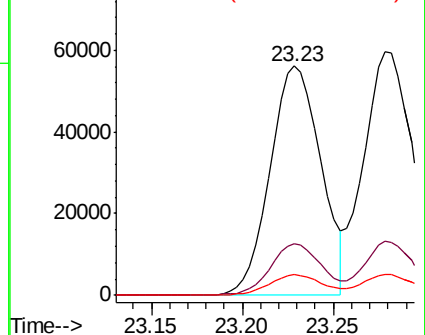
125 9.1 9.6 14.4#



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: 3.139 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

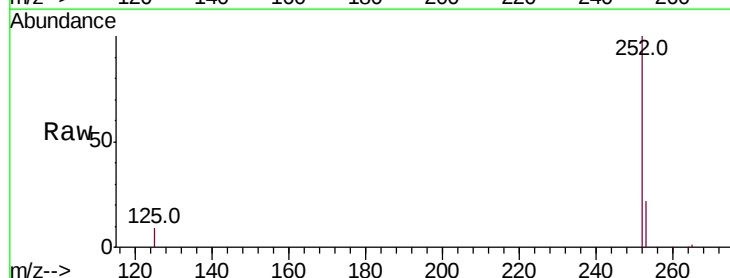
Tgt Ion:252 Resp: 119075

Ion Ratio Lower Upper

252 100

253 22.0 19.0 28.6

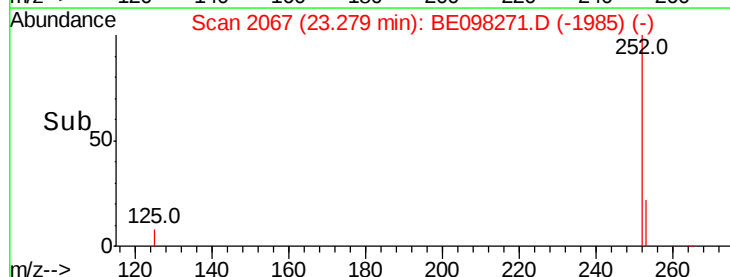
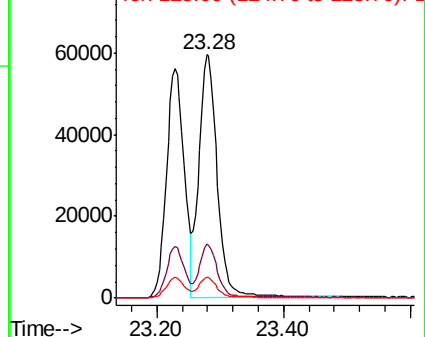
125 8.8 9.1 13.7#

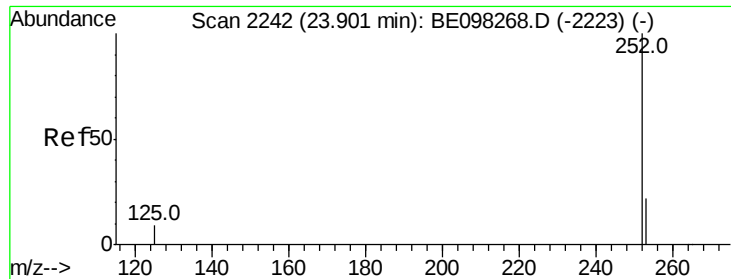


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.273 ng

RT: 23.90 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

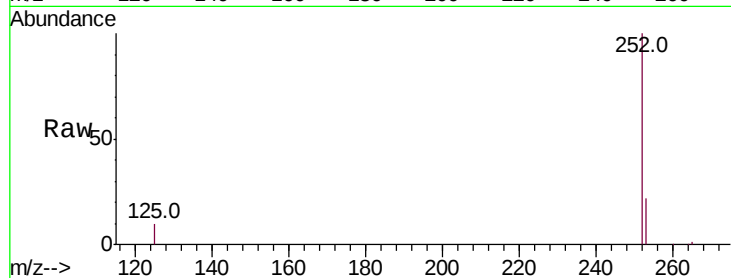
Tot Ion:252 Resp: 107963

Ion Ratio Lower Upper

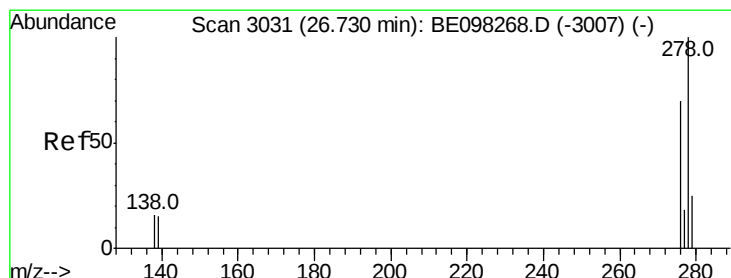
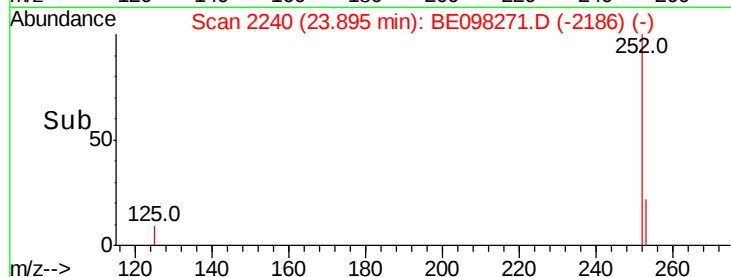
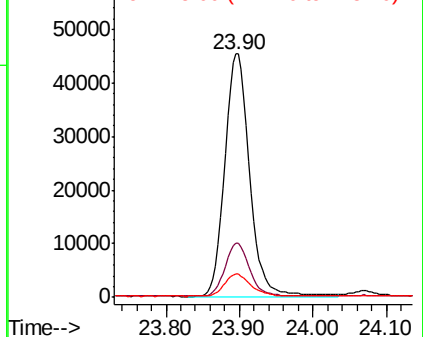
252 100

253 22.3 20.6 30.8

125 9.7 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: 3.917 ng

RT: 26.73 min Scan# 3030

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

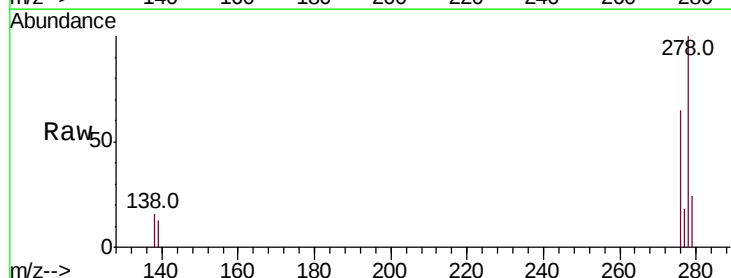
Tgt Ion:278 Resp: 103565

Ion Ratio Lower Upper

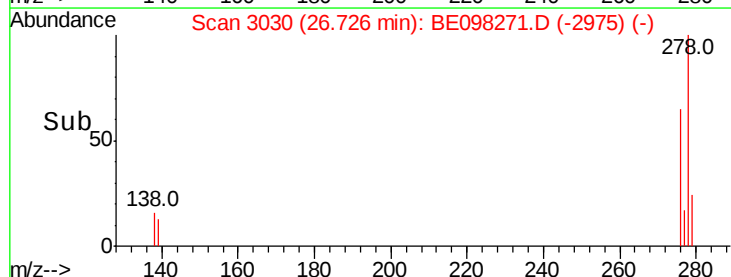
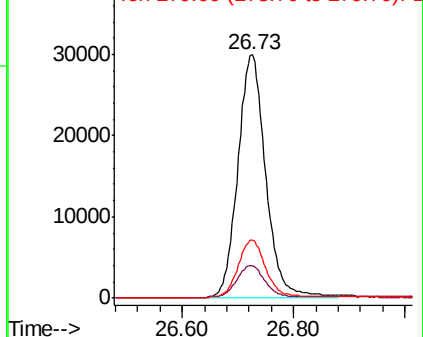
278 100

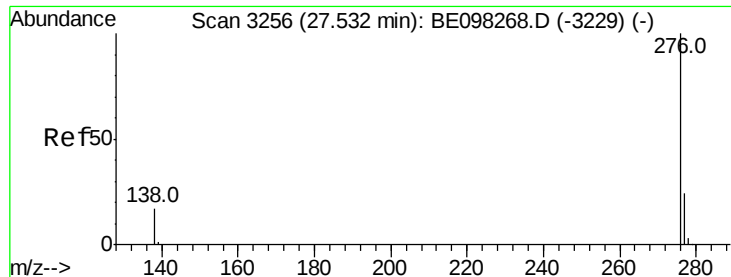
139 13.2 14.5 21.7#

279 24.0 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: 3.624 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BE098271.D

Acq: 29 Nov 2018 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

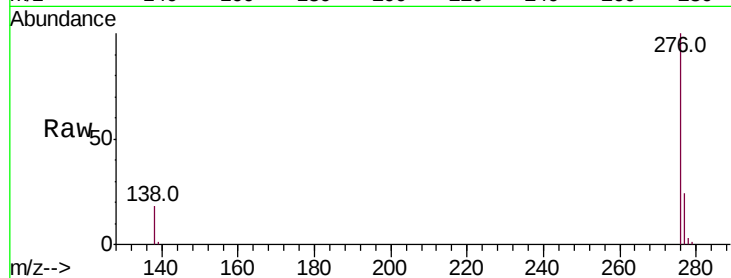
Tot Ion:276 Resp: 103216

Ion Ratio Lower Upper

276 100

277 24.0 20.8 31.2

138 17.7 15.8 23.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

