

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098397.D
 Acq On : 13 Dec 2018 15:16
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 13 20:47:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1224	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	5305	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	3442	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	9329	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	11362	0.40	ng	0.00
34) Perylene-d12	24.00	264	10901	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1086	0.38	ng	0.01
5) Phenol-d6	7.04	99	1589	0.39	ng	0.00
8) Nitrobenzene-d5	9.03	82	1843	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3223	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	488	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5272	0.36	ng	0.00
25) Fluoranthene-d10	19.30	212	47337	0.40	ng	0.00
29) Terphenyl-d14	19.90	244	8726	0.32	ng	0.00

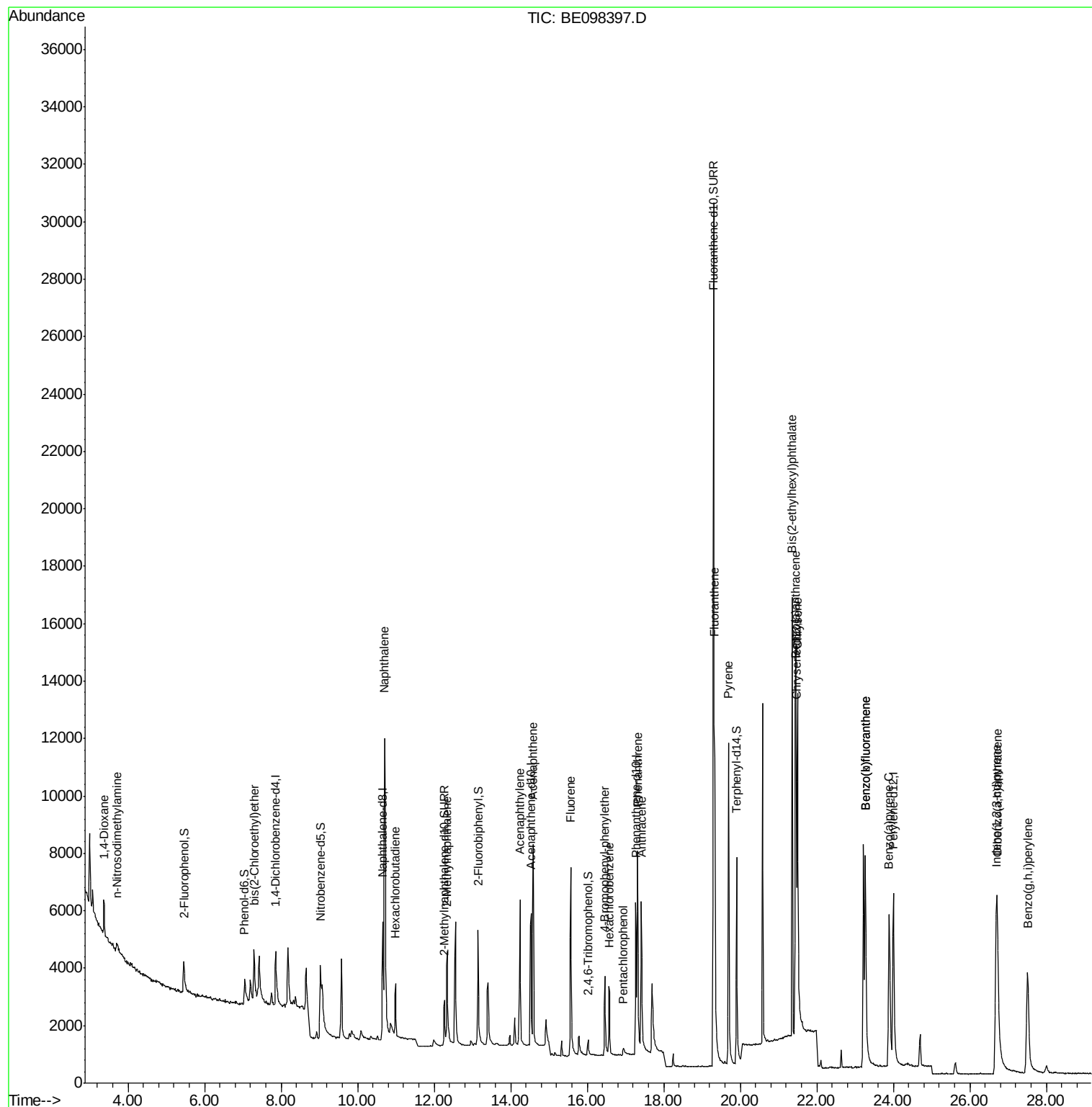
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	777	0.367	ng	96
3) n-Nitrosodimethylamine	3.70	42	462	0.242	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1244	0.323	ng	86
9) Naphthalene	10.71	128	20785	0.389	ng	99
10) Hexachlorobutadiene	10.99	225	1381	0.406	ng	99
12) 2-Methylnaphthalene	12.34	142	3116	0.359	ng	97
16) Acenaphthylene	14.24	152	6183	0.383	ng	99
17) Acenaphthene	14.59	154	3670	0.379	ng	97
18) Fluorene	15.57	166	4962	0.383	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1712	0.341	ng	87
21) Hexachlorobenzene	16.58	284	2066	0.383	ng	95
22) Pentachlorophenol	16.94	266	267	0.318	ng	92
23) Phenanthrene	17.31	178	8578	0.378	ng	99
24) Anthracene	17.41	178	6875	0.340	ng	99
26) Fluoranthene	19.33	202	12072	0.402	ng	99
28) Pyrene	19.69	202	12298	0.345	ng	100
30) Benzo(a)anthracene	21.44	228	11694	0.361	ng	98
31) Chrysene	21.50	228	12608	0.372	ng	100
32) Bis(2-ethylhexyl)phthalate	21.35	149	19863	0.302	ng	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	13006	0.386	ng	98
35) Benzo(b)fluoranthene	23.27	252	13830	0.464	ng	97
36) Benzo(k)fluoranthene	23.27	252	14055	0.405	ng	99
37) Benzo(a)pyrene	23.89	252	11546	0.375	ng	97
38) Dibenzo(a,h)anthracene	26.72	278	10697	0.369	ng	# 91
39) Benzo(g,h,i)perylene	27.52	276	10894	0.373	ng	99

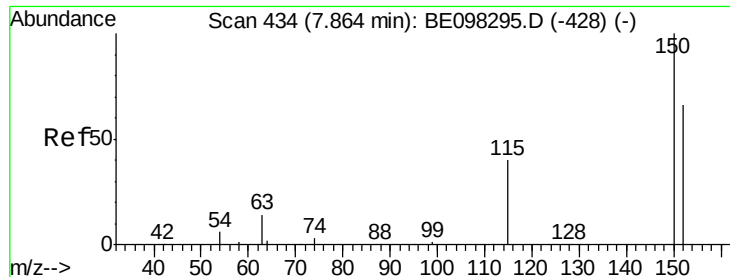
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 13 20:47:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
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QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

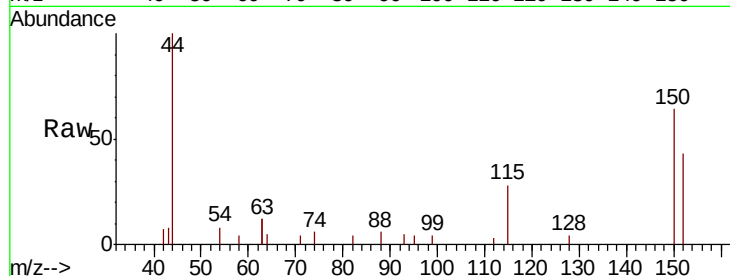
Tgt Ion:152 Resp: 1224

Ion Ratio Lower Upper

152 100

150 149.1 124.2 186.4

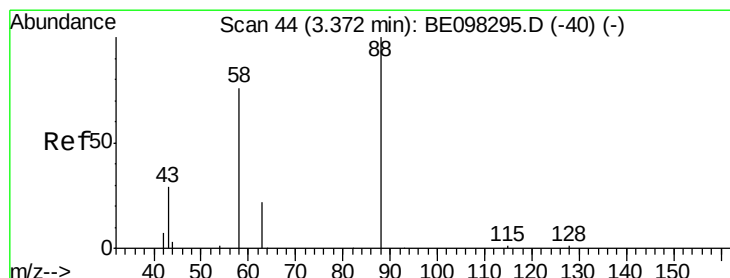
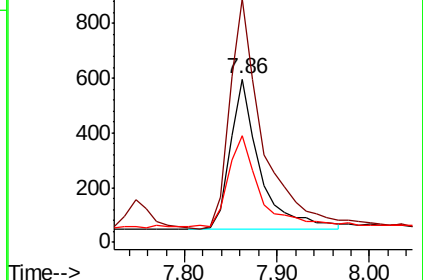
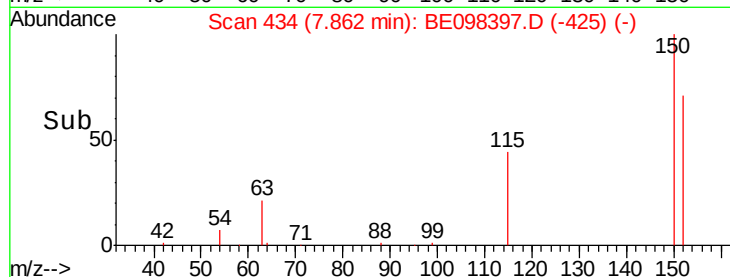
115 65.5 53.9 80.9



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: 0.367 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

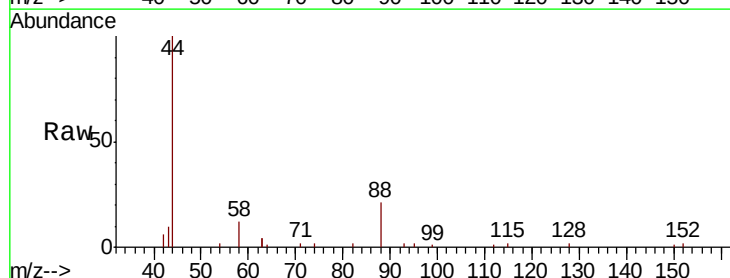
Tgt Ion: 88 Resp: 777

Ion Ratio Lower Upper

88 100

58 96.7 75.0 112.6

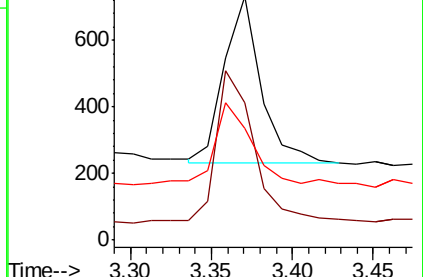
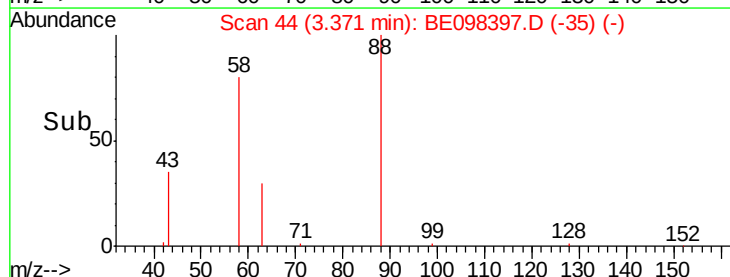
43 52.5 38.3 57.5

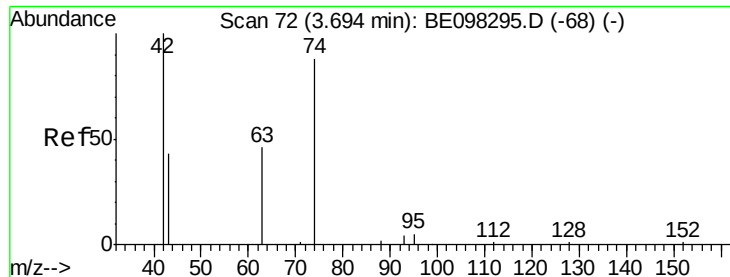


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



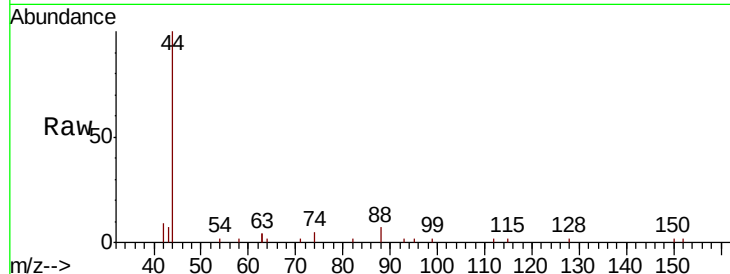


#3

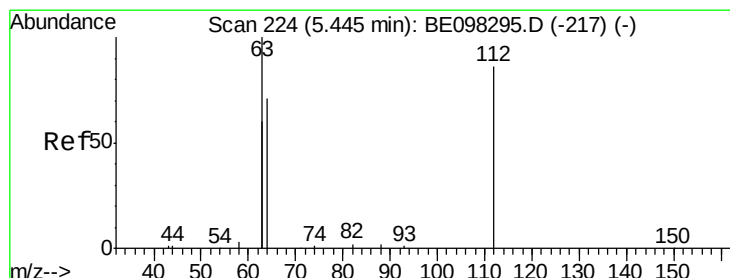
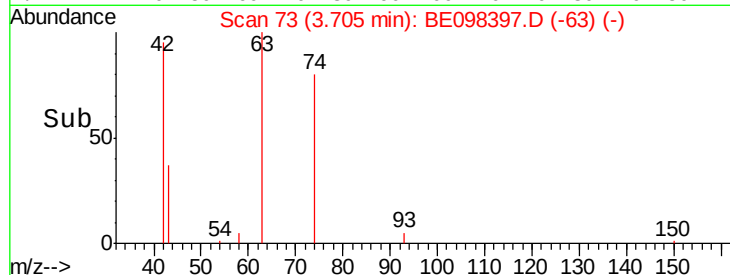
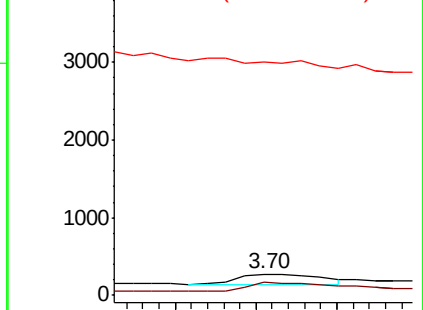
n-Nitrosodimethylamine
Concen: 0.242 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 462
Ion Ratio Lower Upper
42 100
74 70.3 0.0 0.0#
44 0.0 0.0 0.0



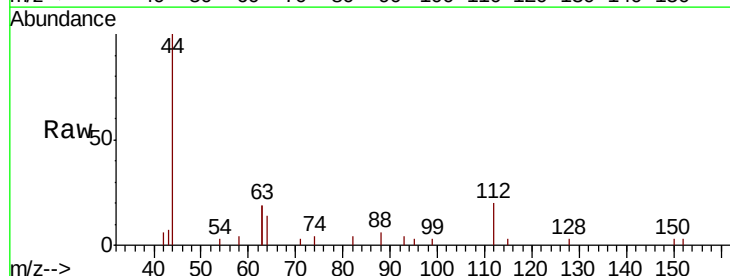
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



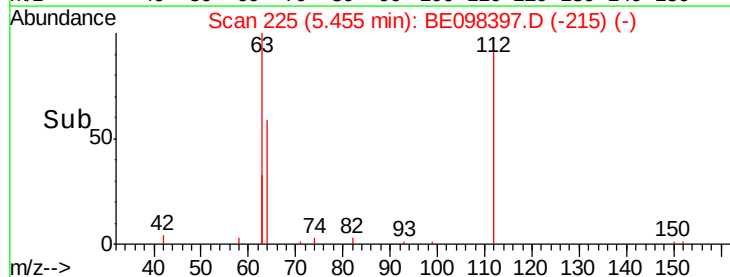
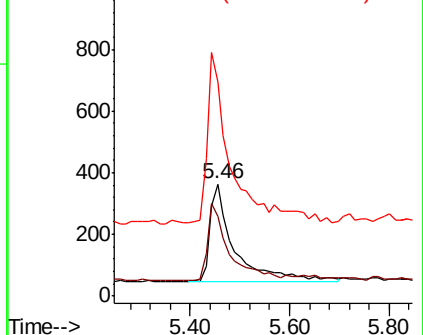
#4

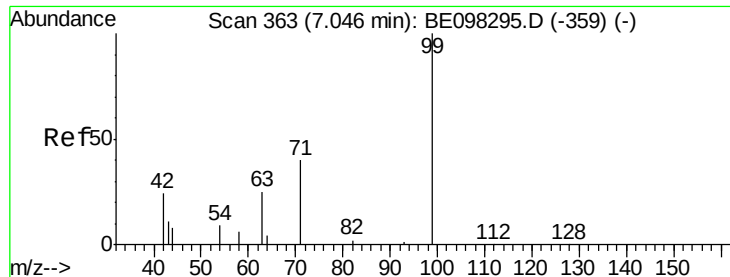
2-Fluorophenol
Concen: 0.379 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion: 112 Resp: 1086
Ion Ratio Lower Upper
112 100
64 69.9 59.8 89.8
63 155.5 133.7 200.5



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: 0.392 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

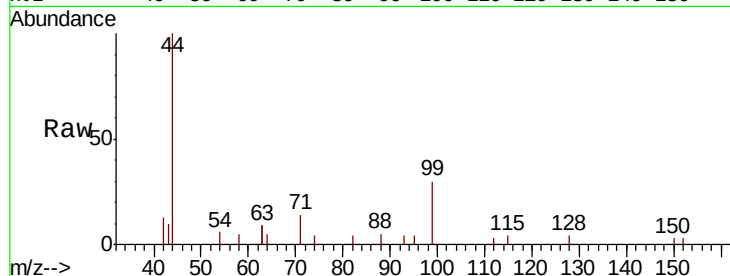
Tgt Ion: 99 Resp: 1589

Ion Ratio Lower Upper

99 100

42 27.3 26.3 39.5

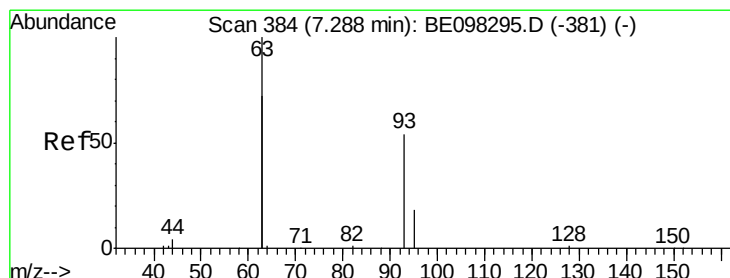
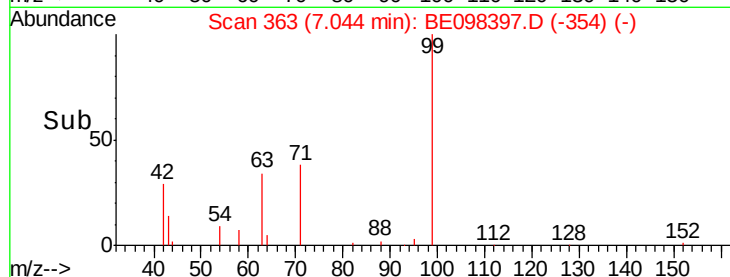
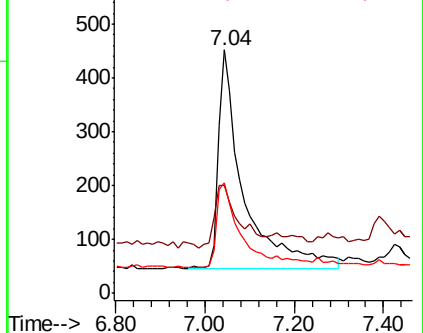
71 40.0 33.6 50.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.323 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

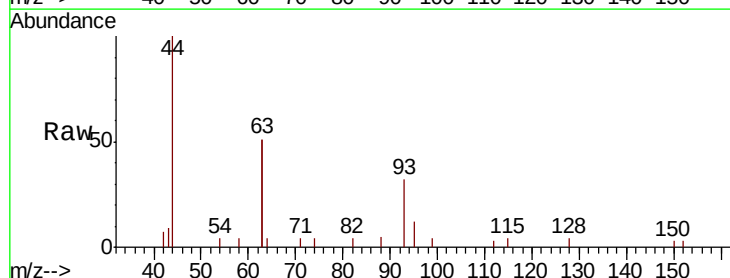
Tgt Ion: 93 Resp: 1244

Ion Ratio Lower Upper

93 100

63 299.0 264.4 396.6

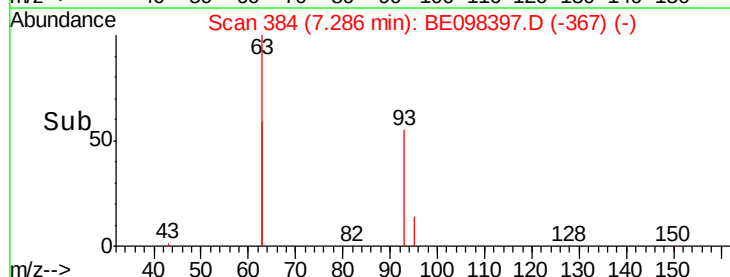
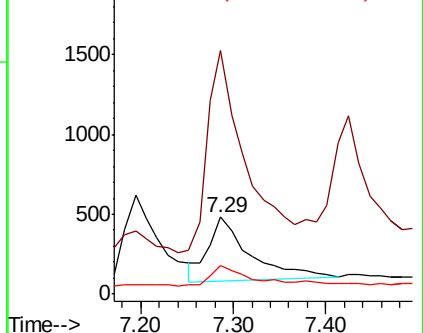
95 35.5 26.6 40.0

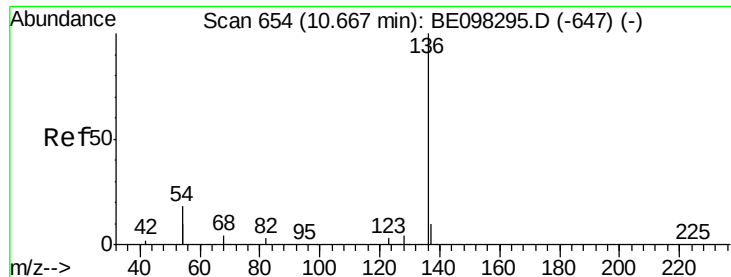


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 5305

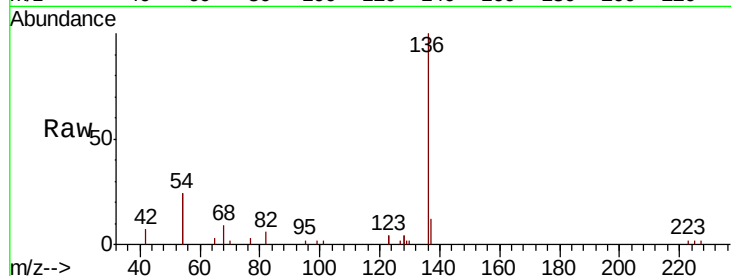
Ion Ratio Lower Upper

136 100

137 12.5 9.2 13.8

54 49.0 28.4 42.6#

68 9.0 5.4 8.0#

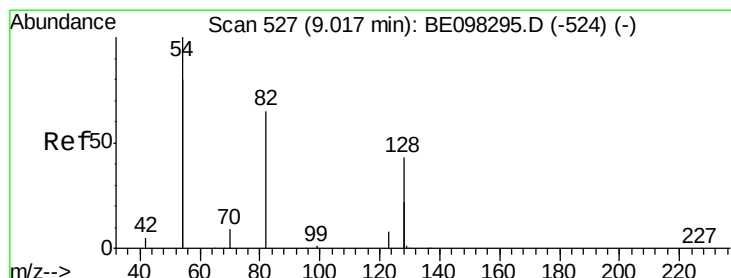
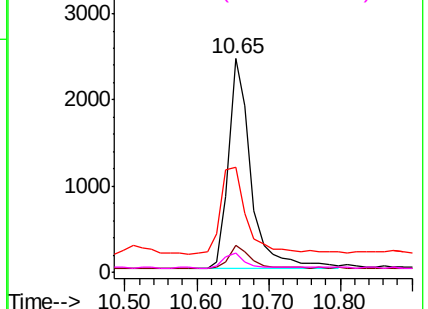
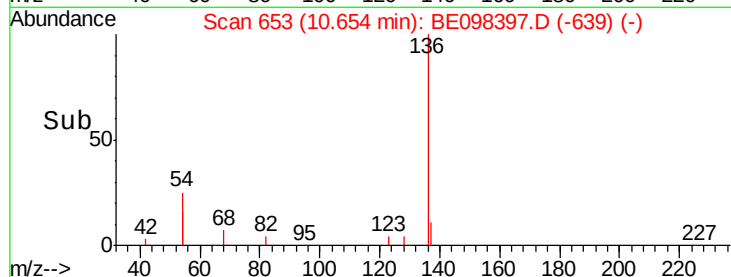


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.382 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

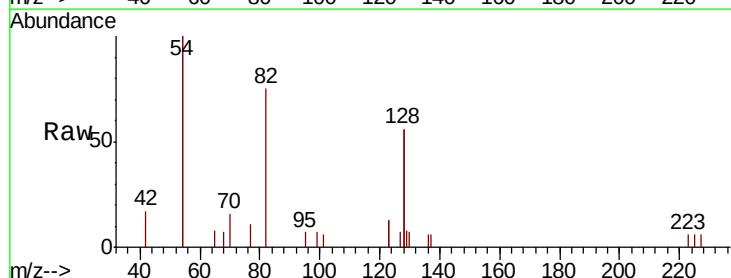
Tgt Ion: 82 Resp: 1843

Ion Ratio Lower Upper

82 100

128 150.8 102.4 153.6

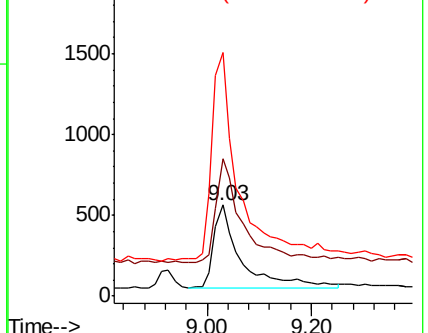
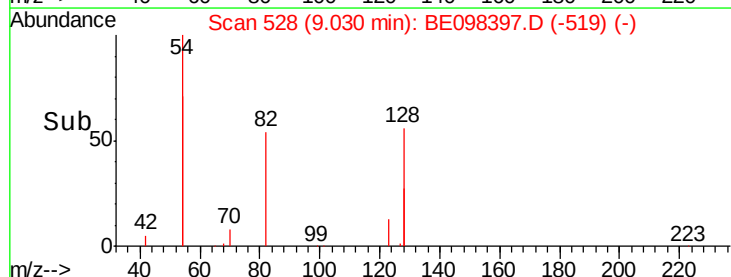
54 266.9 221.8 332.8

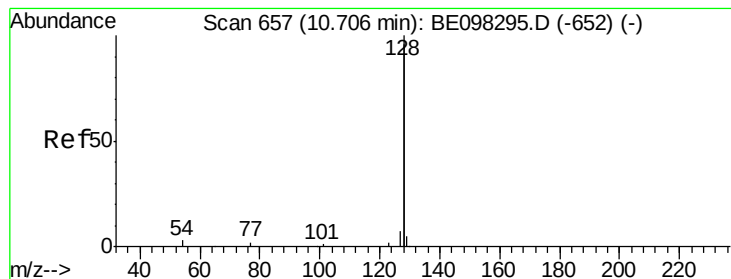


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.389 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

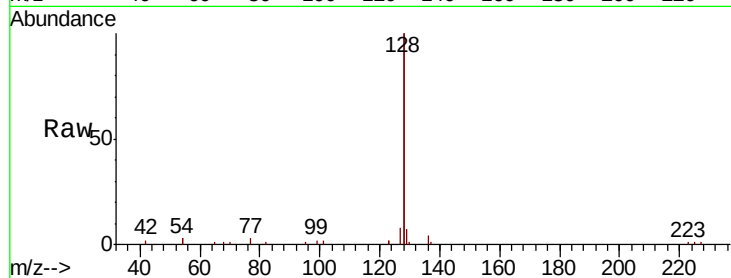
Tgt Ion:128 Resp: 20785

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

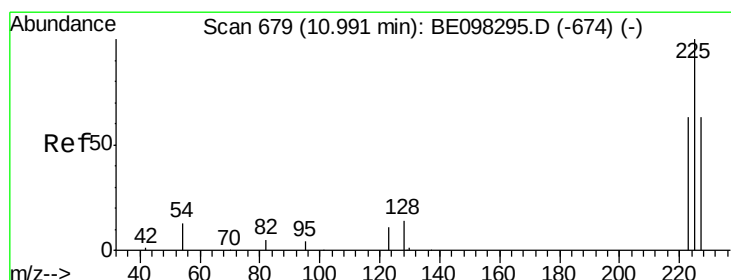
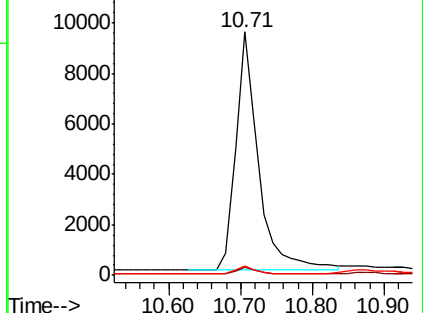
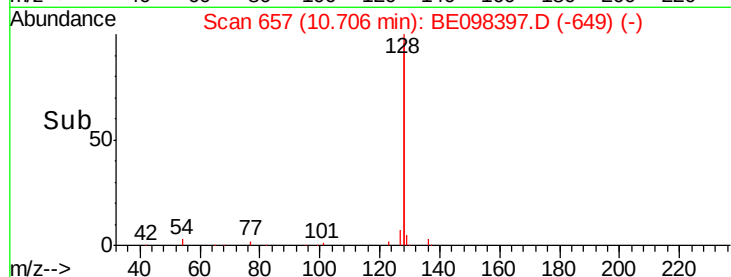
127 3.9 2.7 4.1



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: 0.406 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

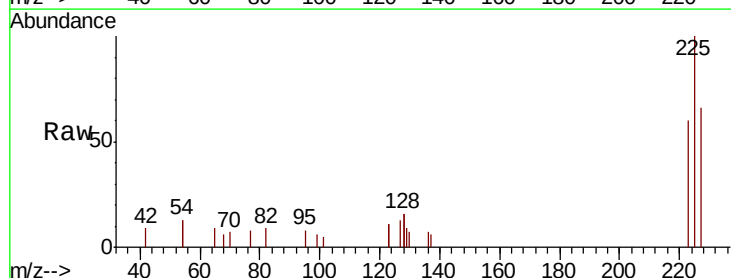
Tgt Ion:225 Resp: 1381

Ion Ratio Lower Upper

225 100

223 61.2 49.4 74.0

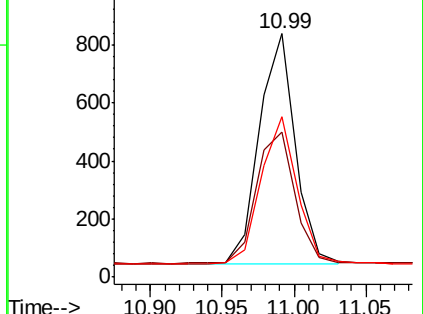
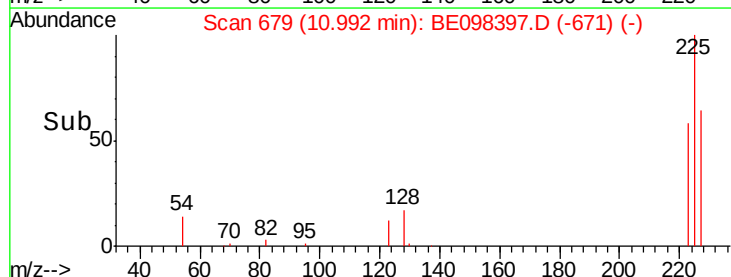
227 64.7 52.0 78.0

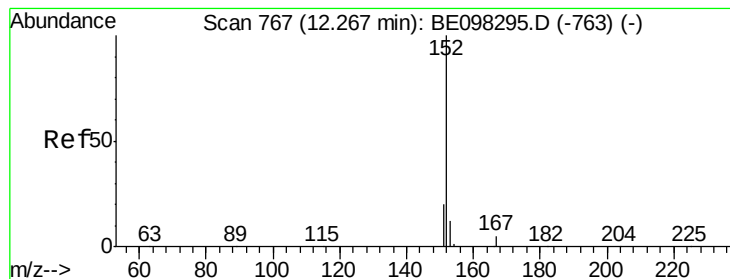


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

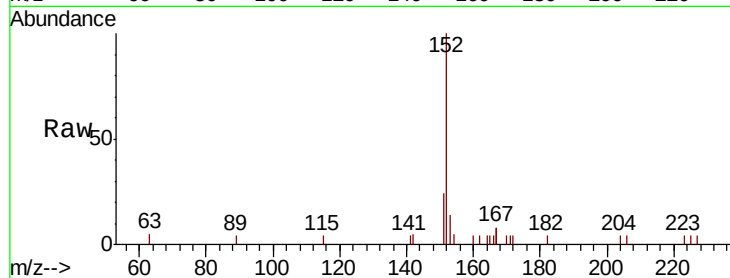
SSTDCCC0.4

Tgt Ion:152 Resp: 3223

Ion Ratio Lower Upper

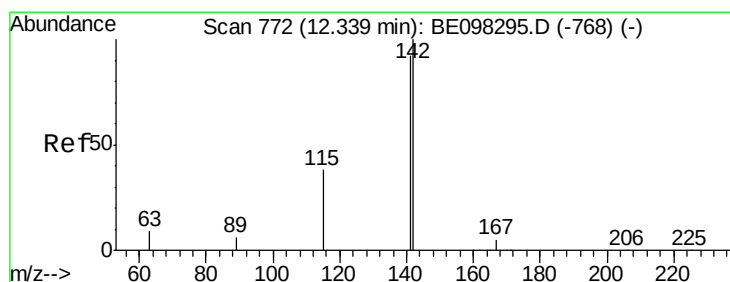
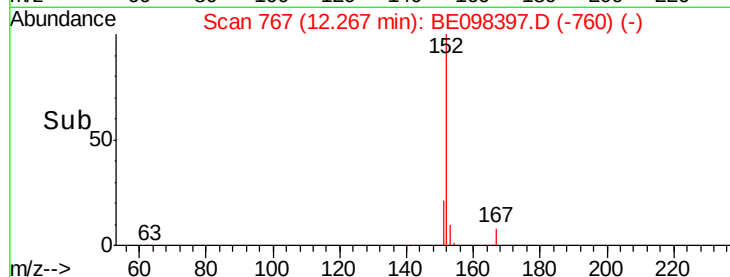
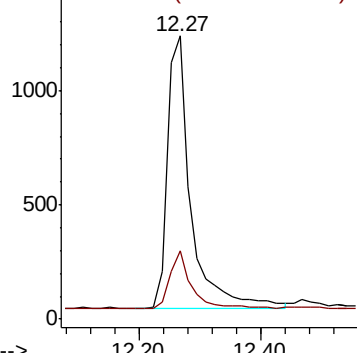
152 100

151 20.0 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: 0.359 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

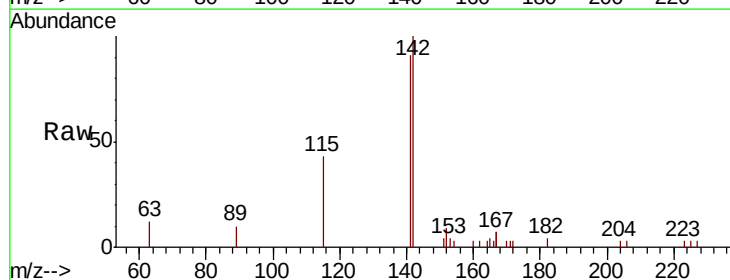
Tgt Ion:142 Resp: 3116

Ion Ratio Lower Upper

142 100

141 91.0 71.0 106.6

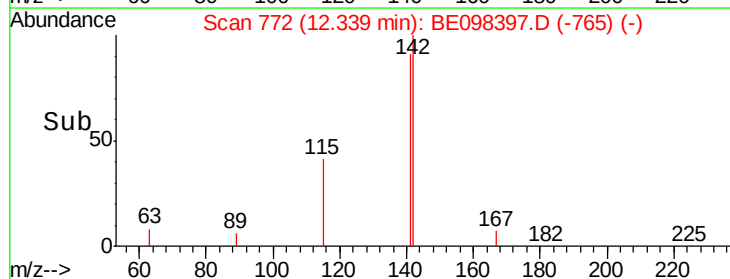
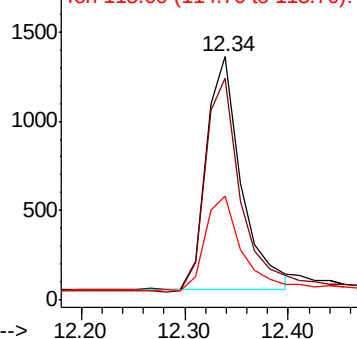
115 43.0 32.2 48.2

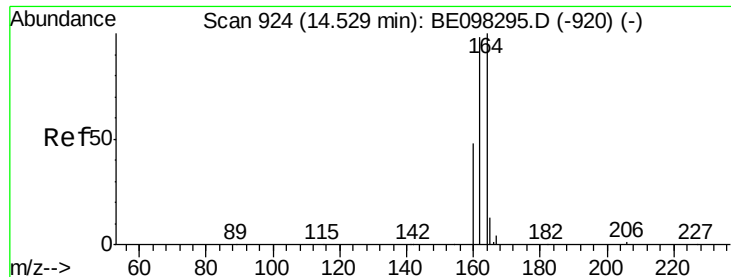


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

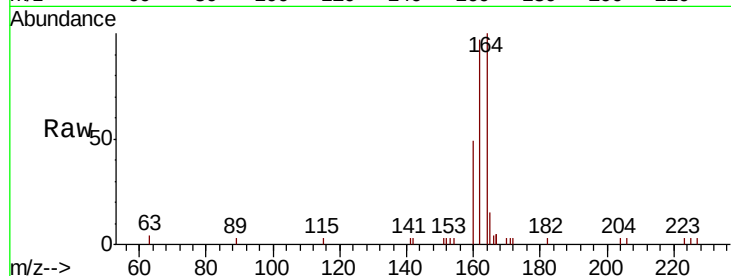




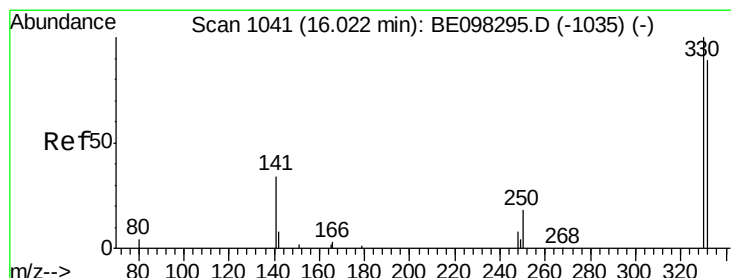
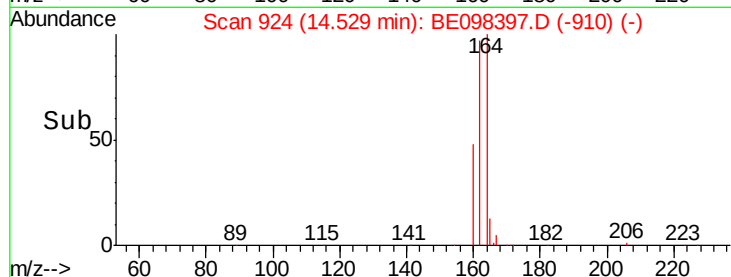
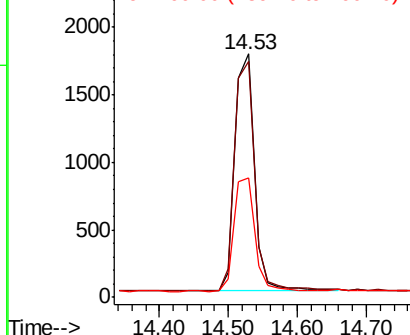
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3442
Ion Ratio Lower Upper
164 100
162 97.1 77.6 116.4
160 49.1 36.0 54.0

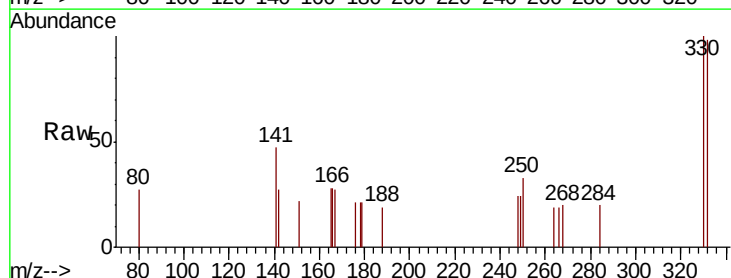


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

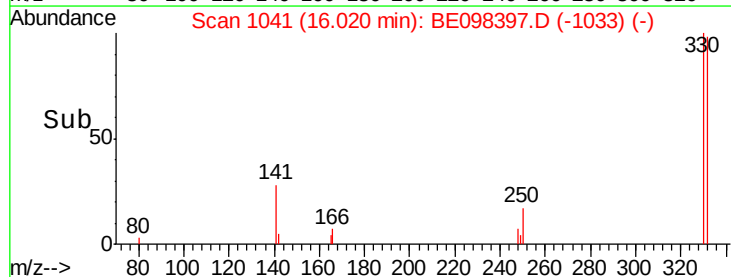
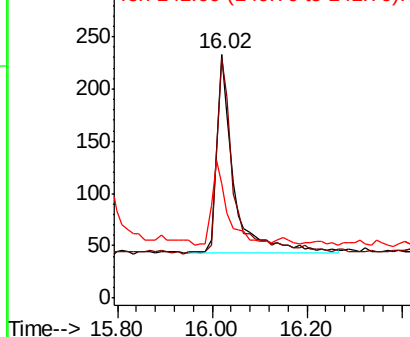


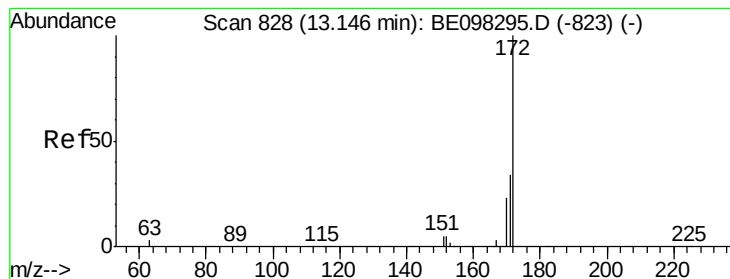
#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:330 Resp: 488
Ion Ratio Lower Upper
330 100
332 92.0 76.2 114.4
141 38.1 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: 0.363 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

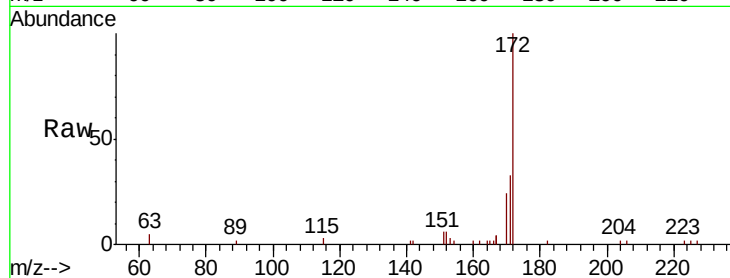
Tgt Ion:172 Resp: 5272

Ion Ratio Lower Upper

172 100

171 33.0 27.5 41.3

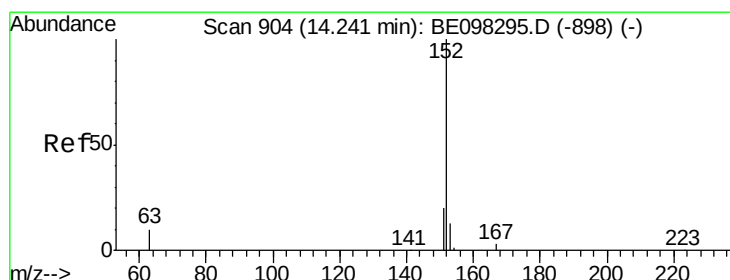
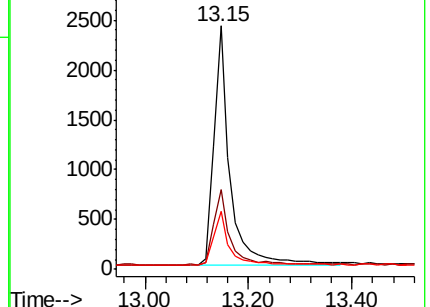
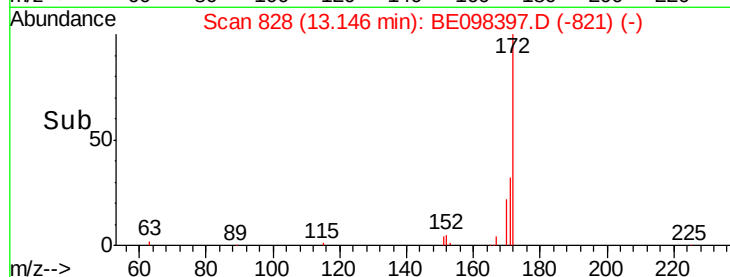
170 23.8 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.383 ng

RT: 14.24 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

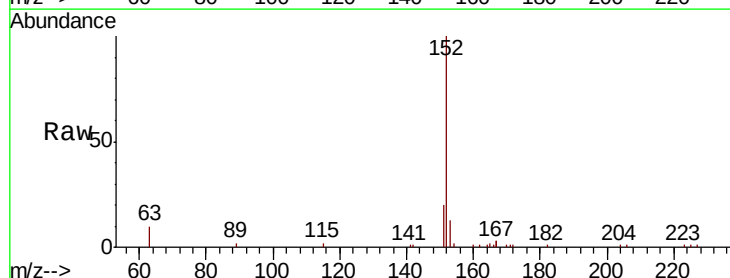
Tgt Ion:152 Resp: 6183

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3

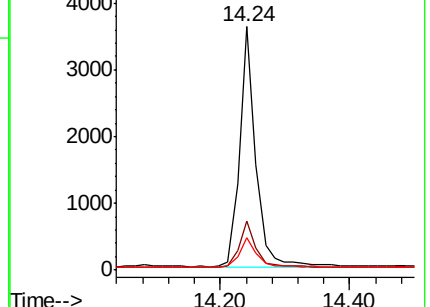
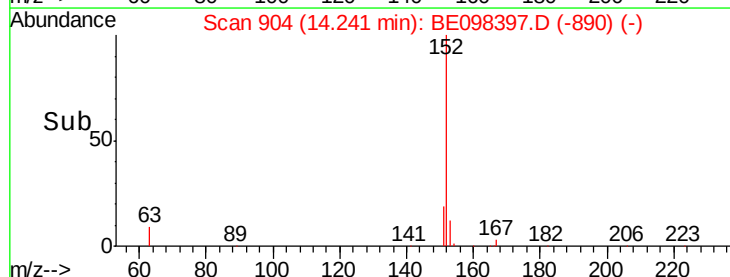
153 12.9 10.6 16.0

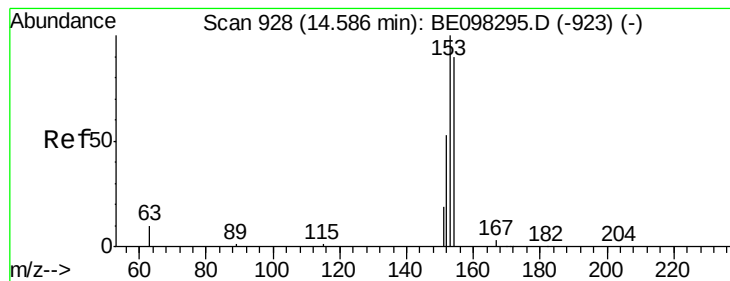


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

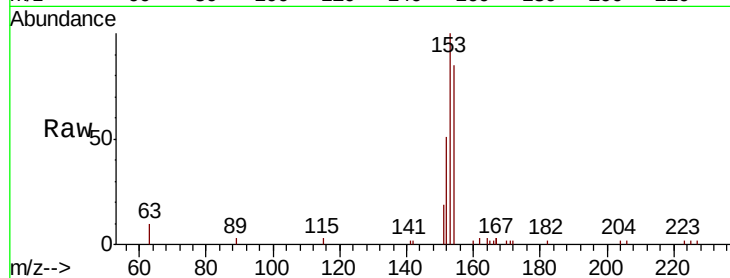
Tgt Ion:154 Resp: 3670

Ion Ratio Lower Upper

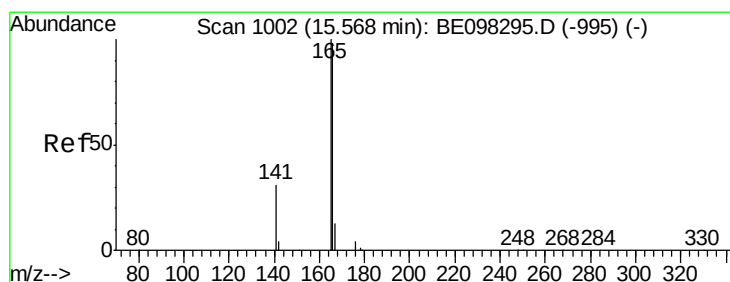
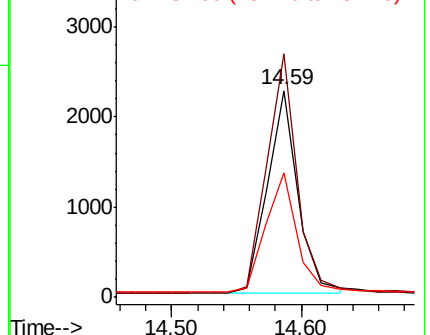
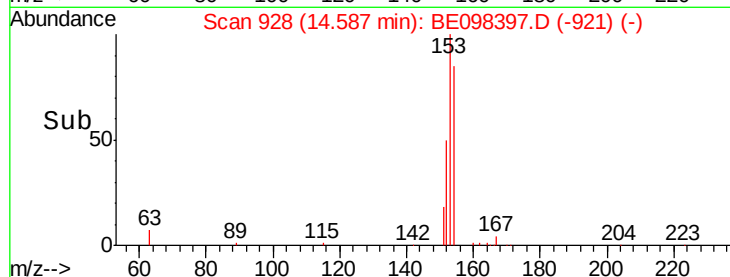
154 100

153 116.9 91.8 137.6

152 60.8 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: 0.383 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

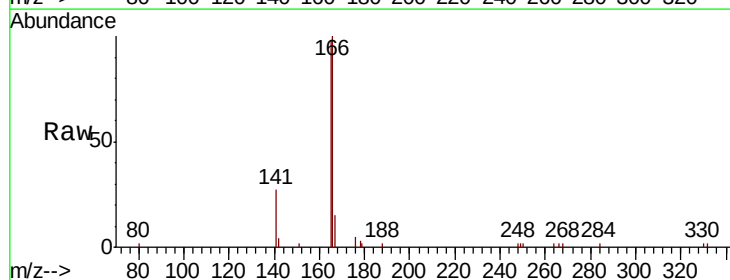
Tgt Ion:166 Resp: 4962

Ion Ratio Lower Upper

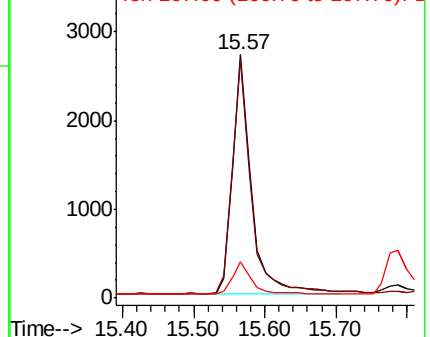
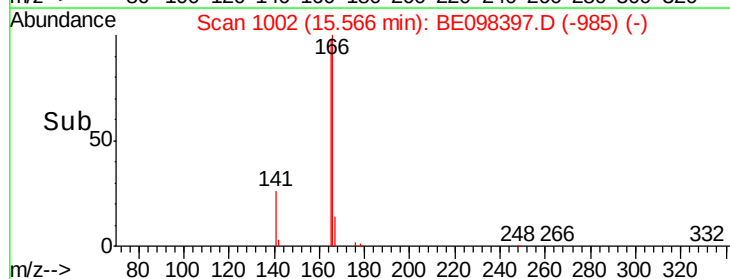
166 100

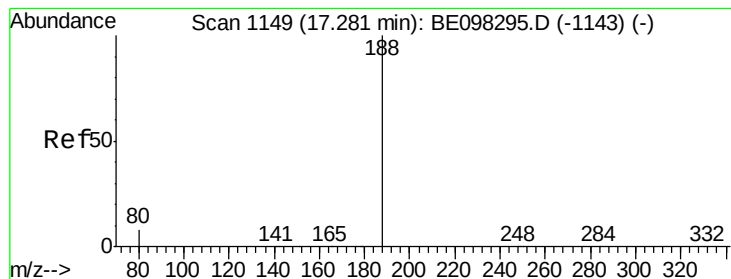
165 98.1 79.3 118.9

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

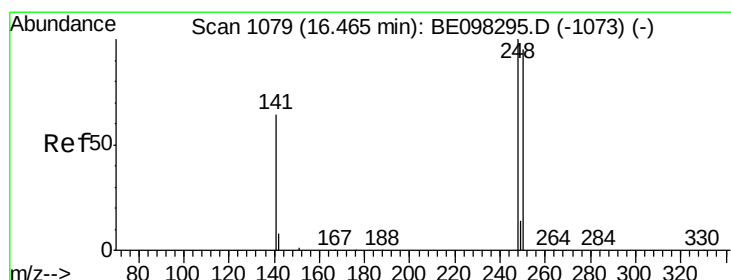
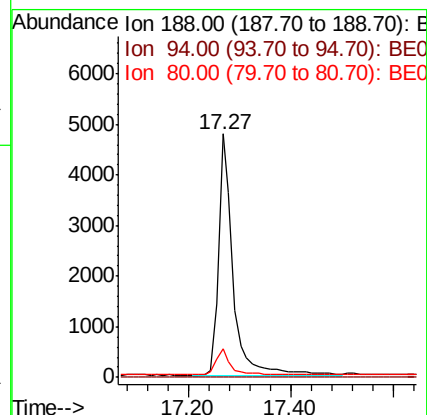
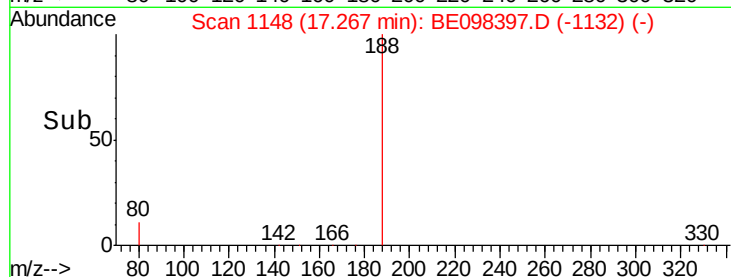
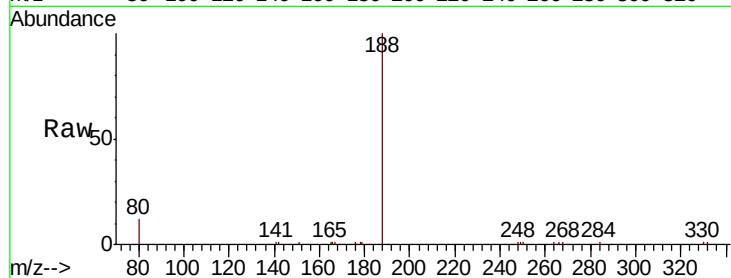
Tgt Ion:188 Resp: 9329

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 7.2 10.8#



#20

4-Bromophenyl-phenylether

Concen: 0.341 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

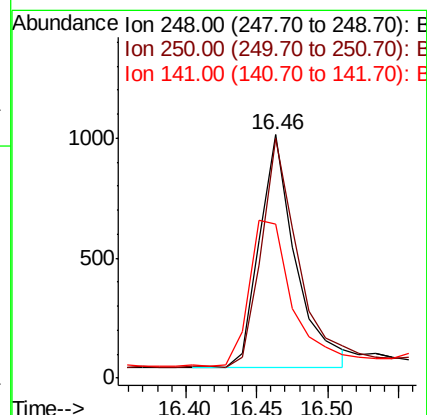
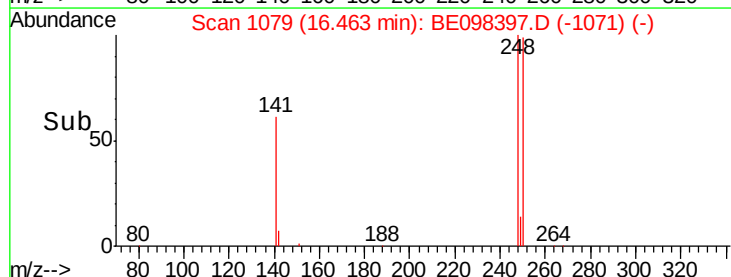
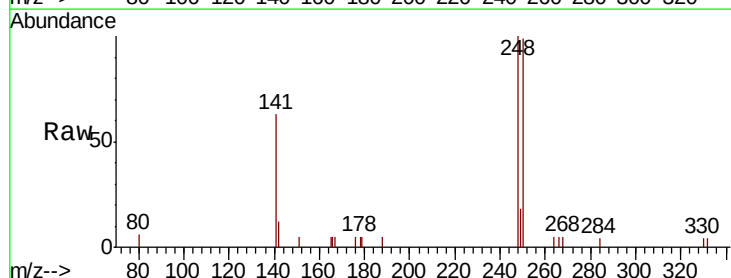
Tgt Ion:248 Resp: 1712

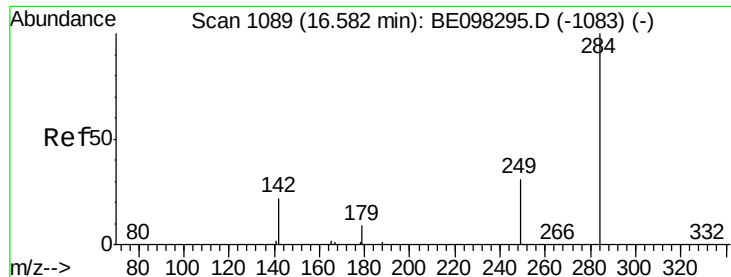
Ion Ratio Lower Upper

248 100

250 98.7 71.0 106.6

141 63.1 62.1 93.1

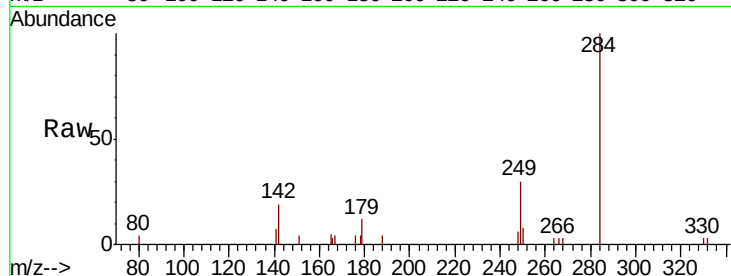




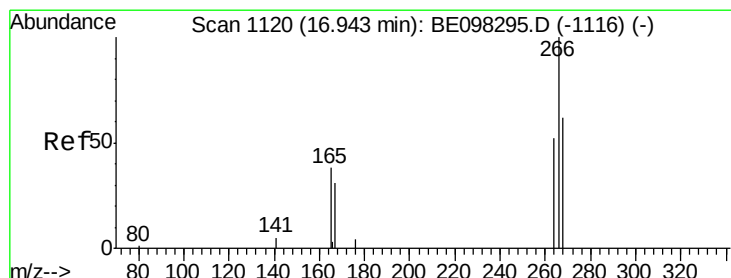
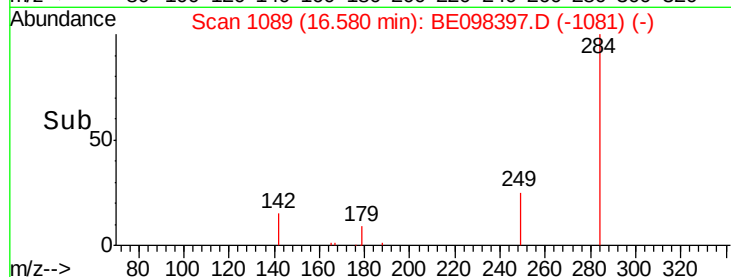
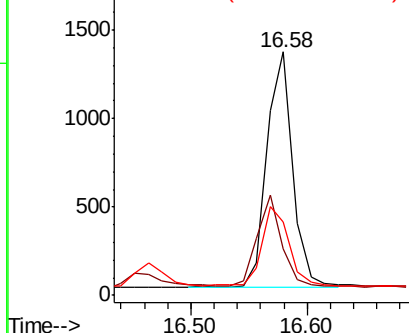
#21
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 2066
Ion Ratio Lower Upper
284 100
142 36.2 26.3 39.5
249 35.0 26.0 39.0

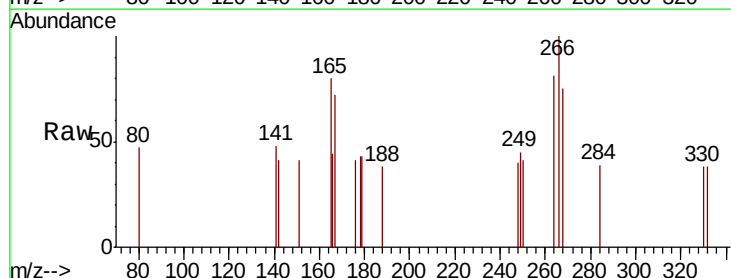


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

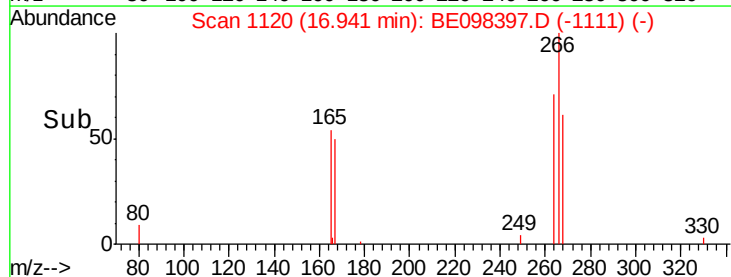
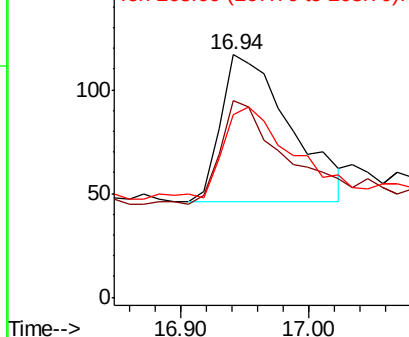


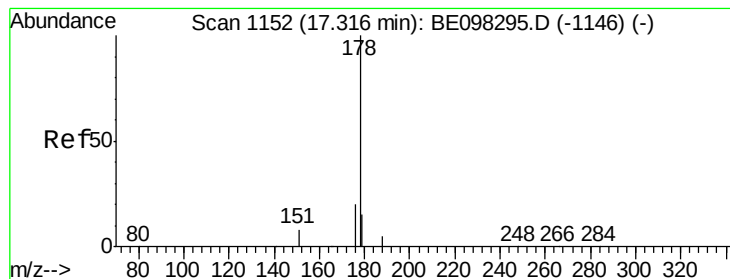
#22
Pentachlorophenol
Concen: 0.318 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion: 266 Resp: 267
Ion Ratio Lower Upper
266 100
264 81.2 59.0 88.4
268 75.2 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: 0.378 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

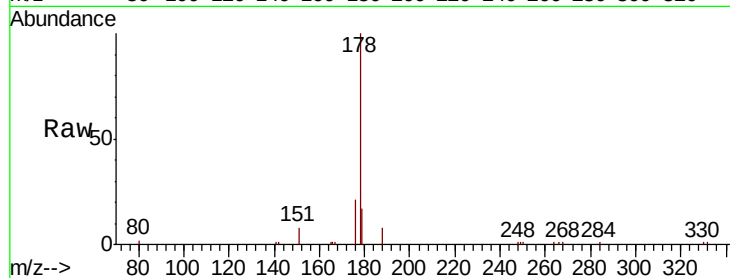
Tgt Ion:178 Resp: 8578

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

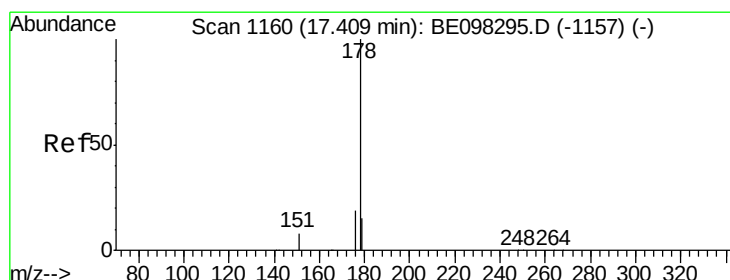
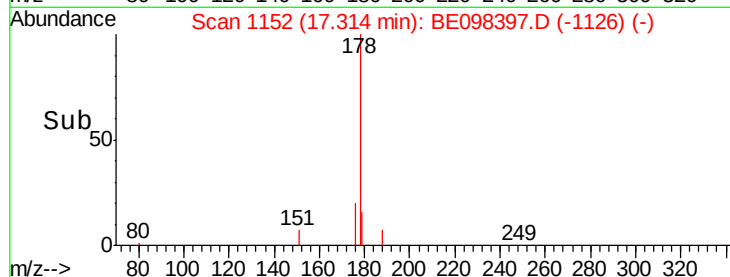
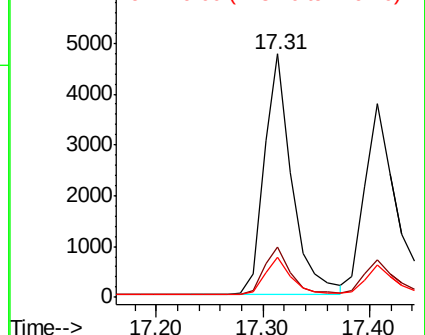
179 15.4 12.3 18.5



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: 0.340 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

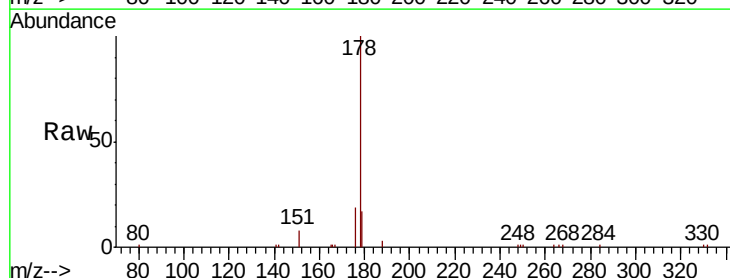
Tgt Ion:178 Resp: 6875

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

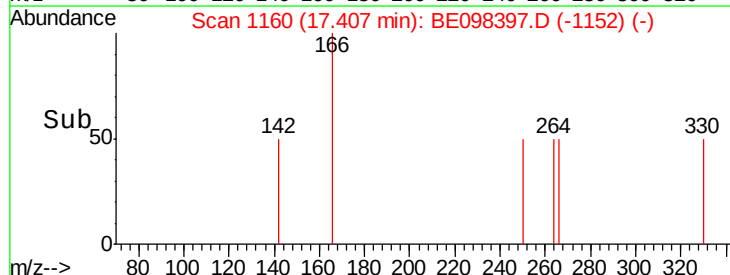
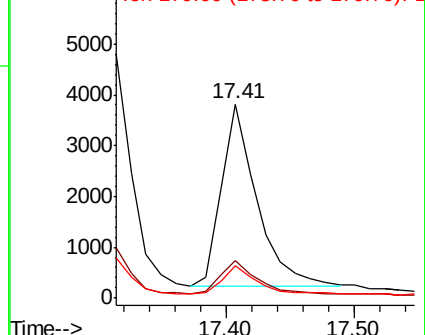
179 14.9 12.3 18.5

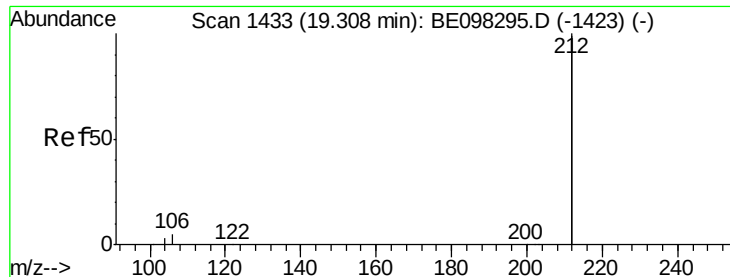


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

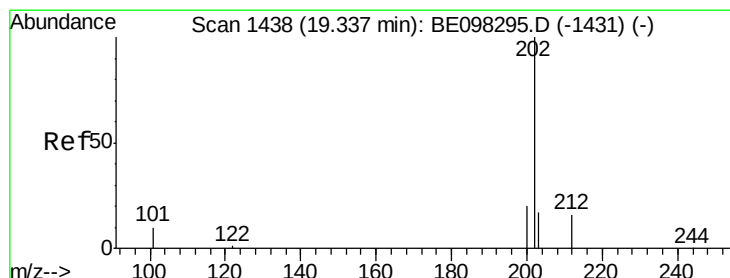
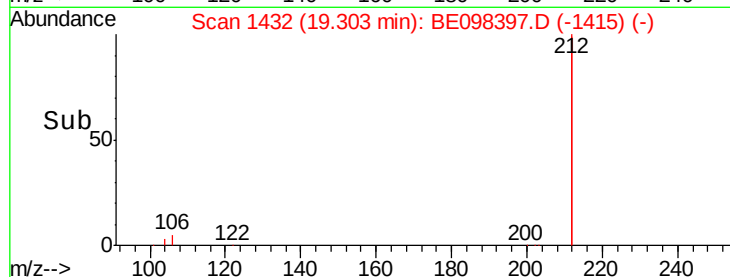
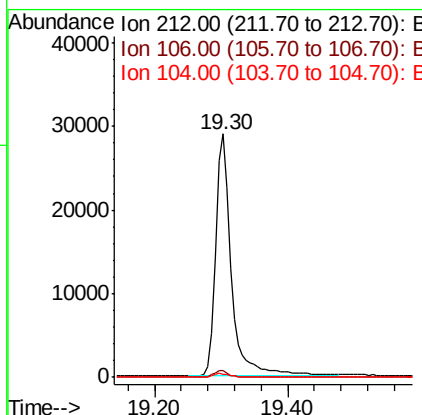
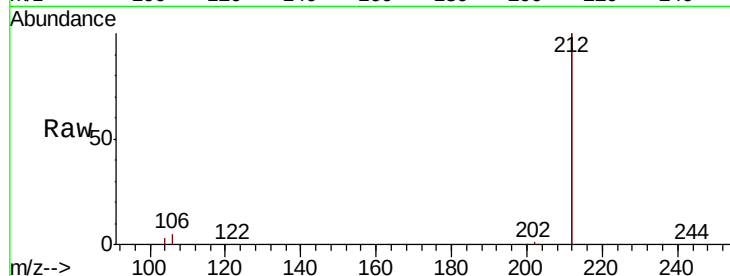
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	212	Resp:	47337
Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.5	1.3	1.9



#26

Fluoranthene

Concen: 0.402 ng

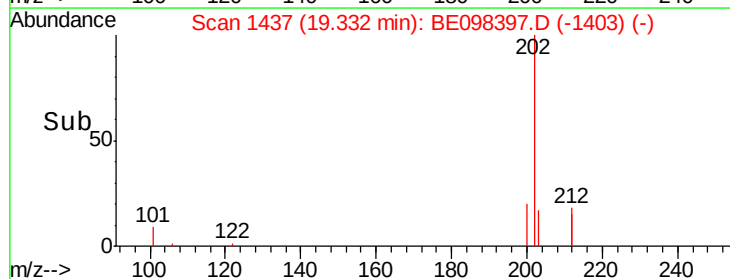
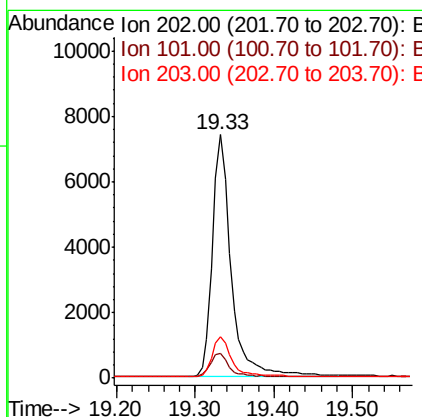
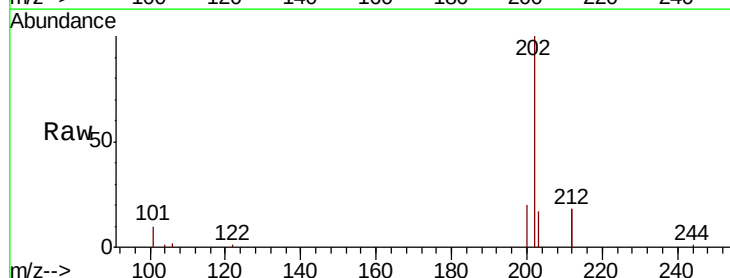
RT: 19.33 min Scan# 1437

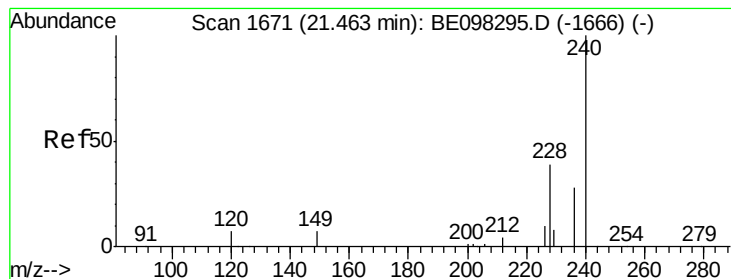
Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Tgt Ion:	202	Resp:	12072
Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.0	12.0
203	16.6	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

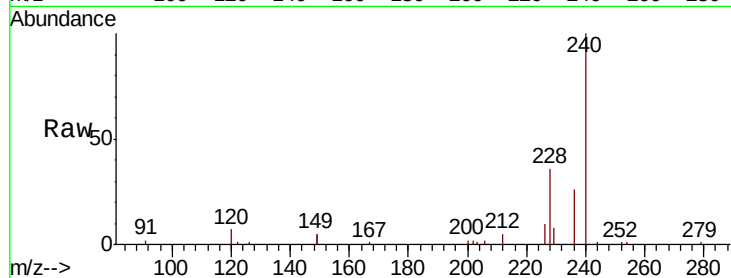
Tgt Ion:240 Resp: 11362

Ion Ratio Lower Upper

240 100

120 7.3 9.5 14.3#

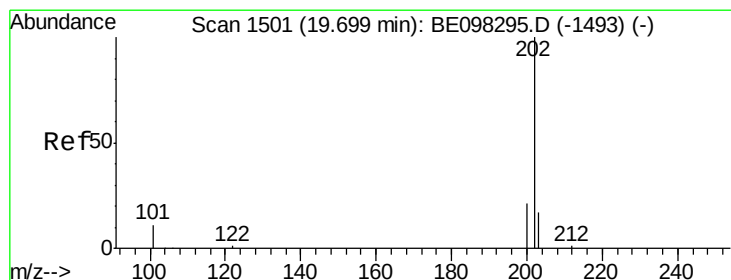
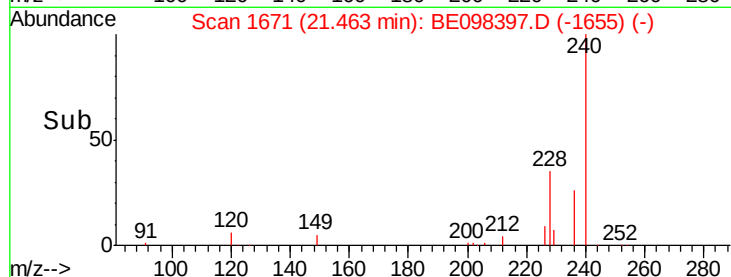
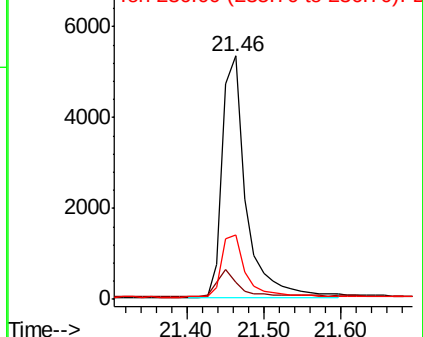
236 26.4 22.7 34.1



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: 0.345 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

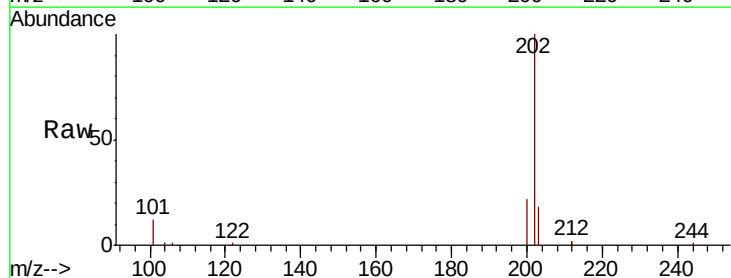
Tgt Ion:202 Resp: 12298

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

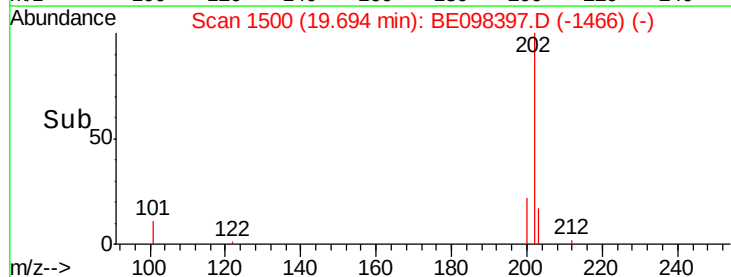
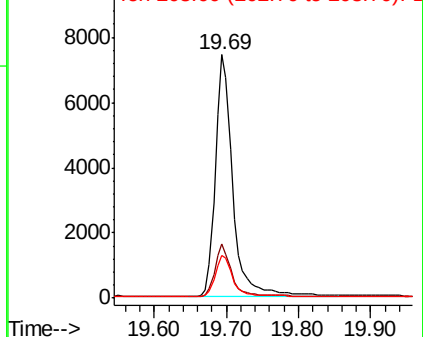
203 17.7 14.1 21.1

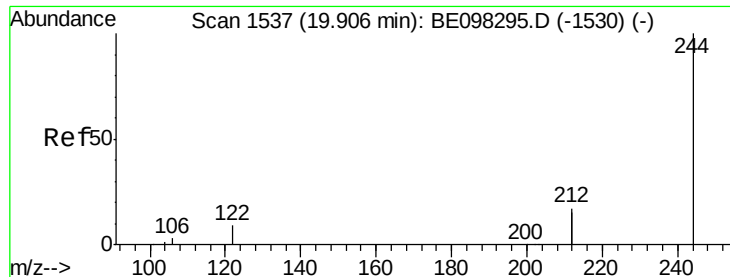


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.316 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

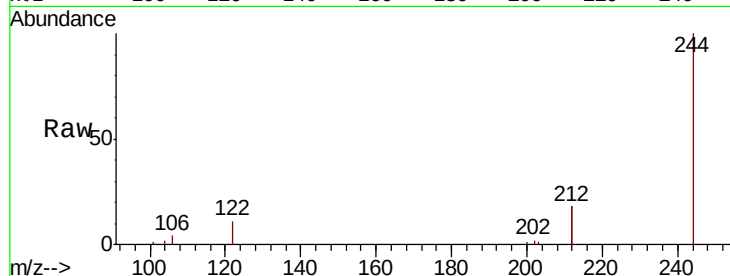
Tgt Ion:244 Resp: 8726

Ion Ratio Lower Upper

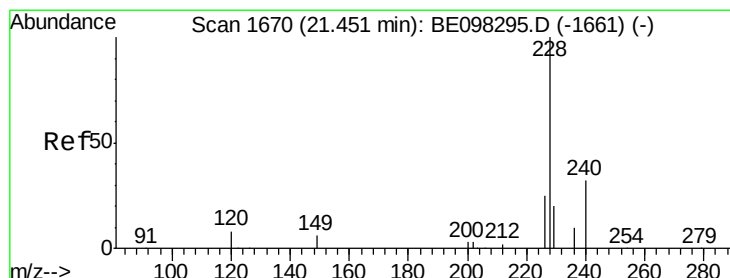
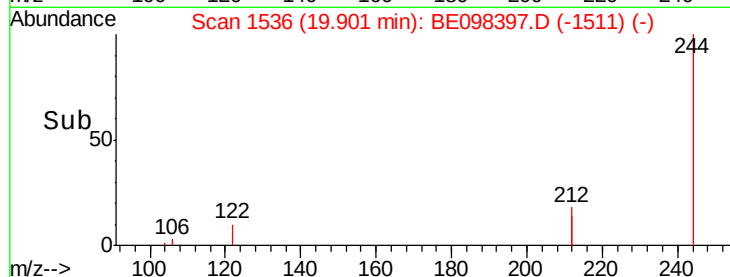
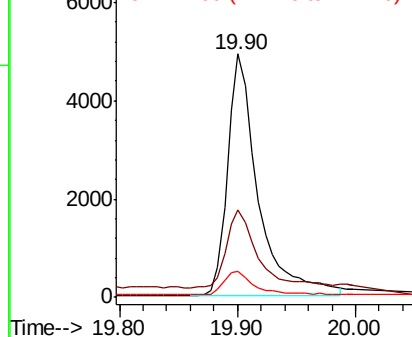
244 100

212 36.0 27.4 41.0

122 10.7 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: 0.361 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

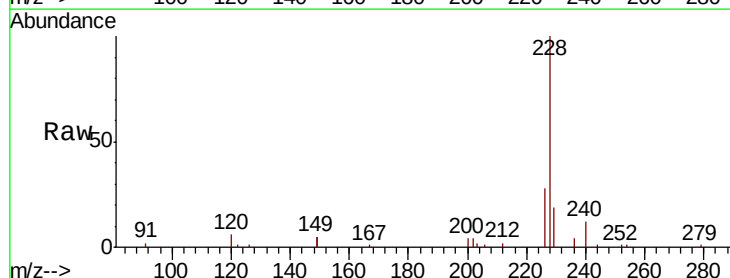
Tgt Ion:228 Resp: 11694

Ion Ratio Lower Upper

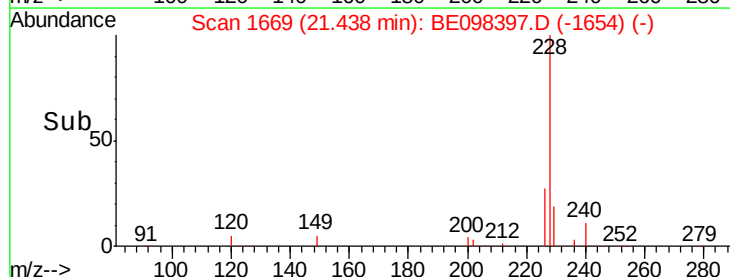
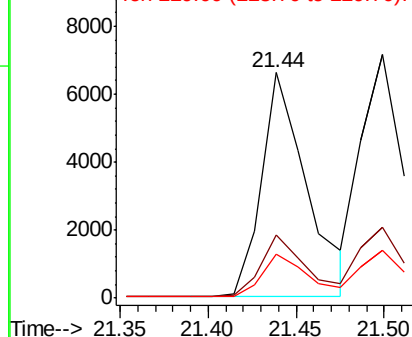
228 100

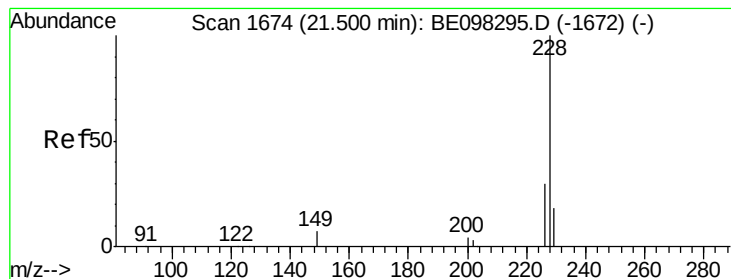
226 27.9 21.8 32.8

229 19.3 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: 0.372 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

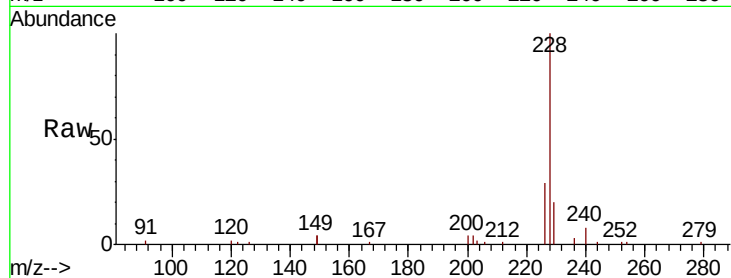
Tgt Ion:228 Resp: 12608

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

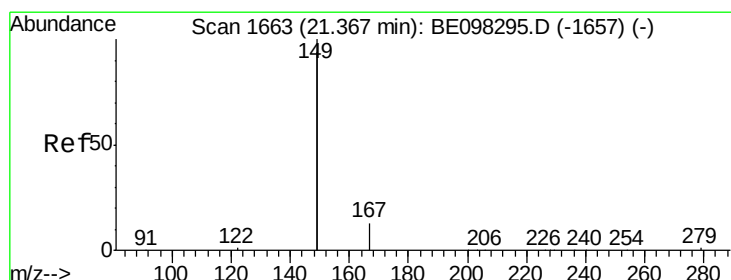
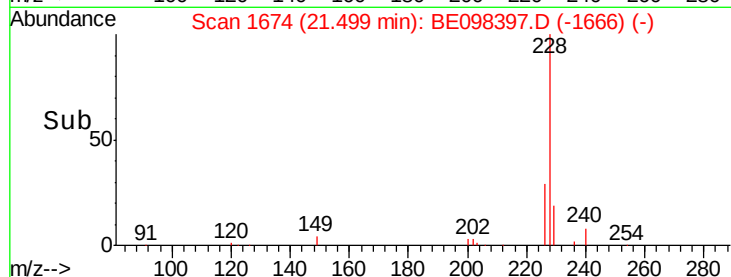
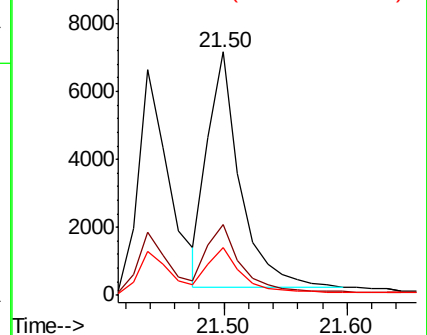
229 19.8 16.2 24.4



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: 0.302 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

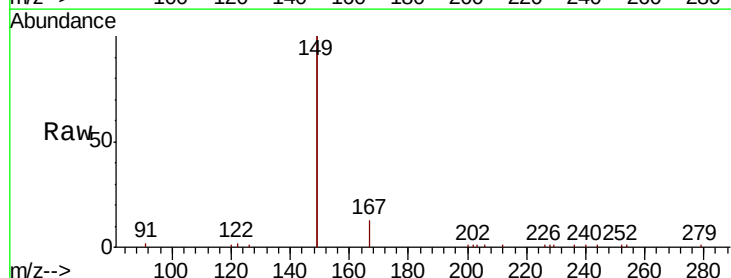
Tgt Ion:149 Resp: 19863

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

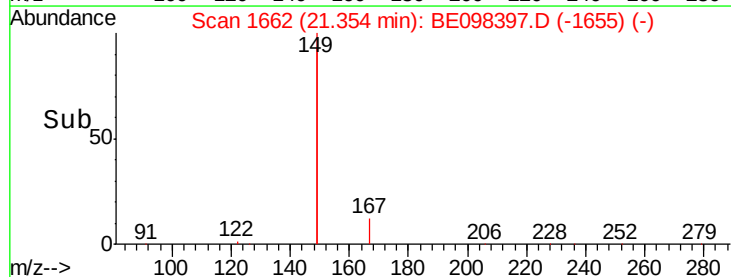
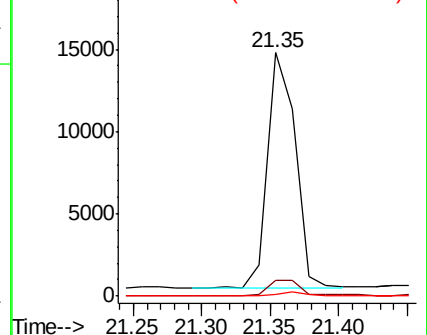
279 1.1 1.0 1.4

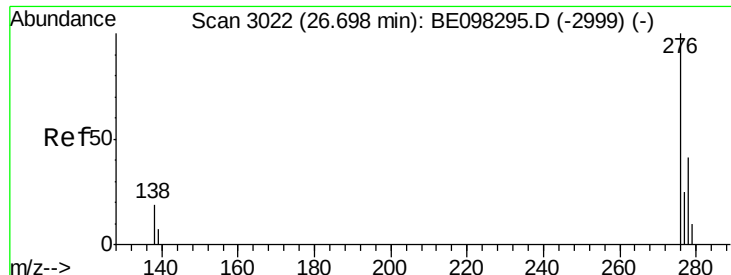


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.386 ng

RT: 26.68 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

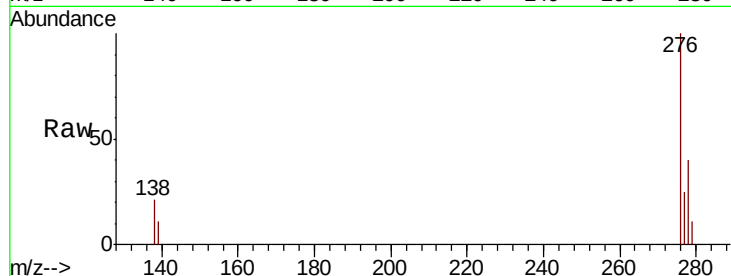
Tgt Ion:276 Resp: 13006

Ion Ratio Lower Upper

276 100

138 21.5 16.3 24.5

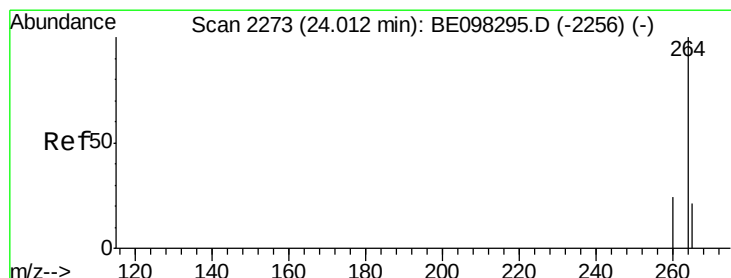
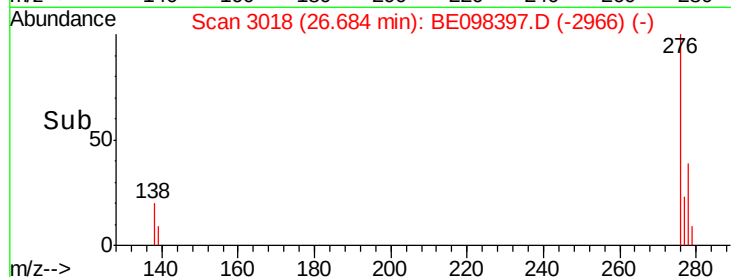
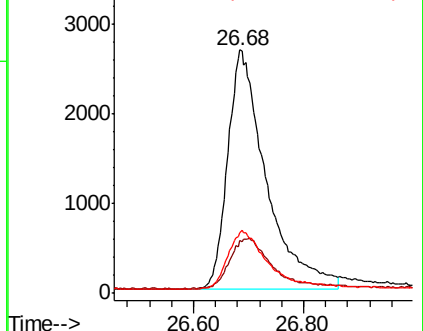
277 24.5 20.2 30.4



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: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

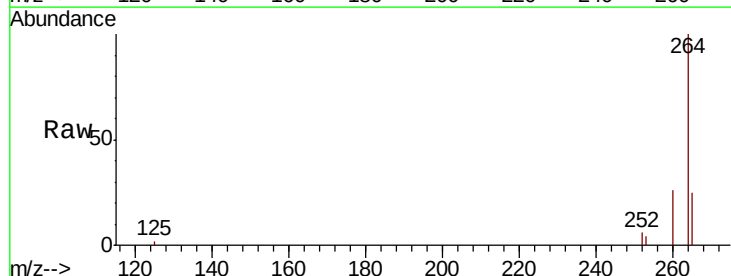
Tgt Ion:264 Resp: 10901

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

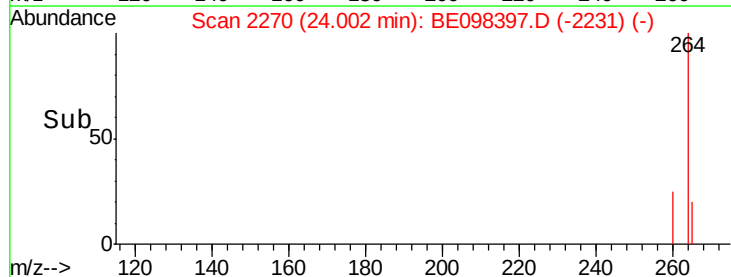
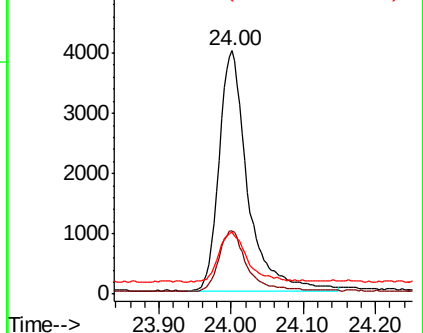
265 25.4 25.2 37.8

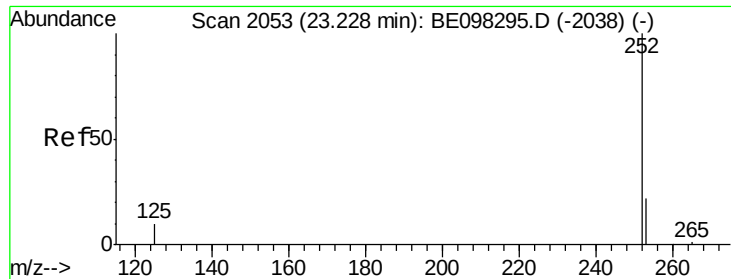


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.464 ng

RT: 23.27 min Scan# 2065

Delta R.T. 0.04 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

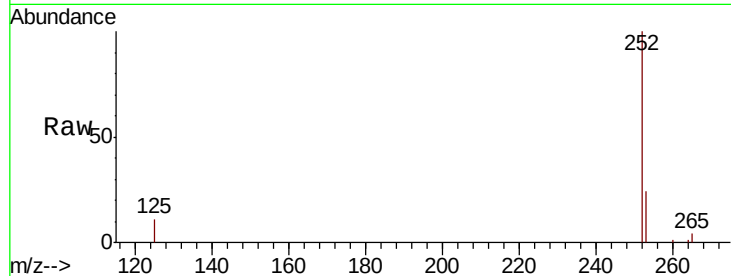
Tgt Ion:252 Resp: 13830

Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

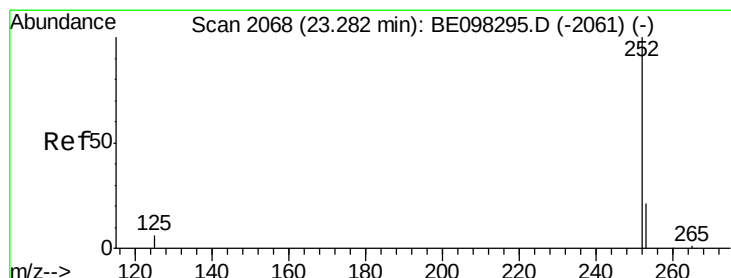
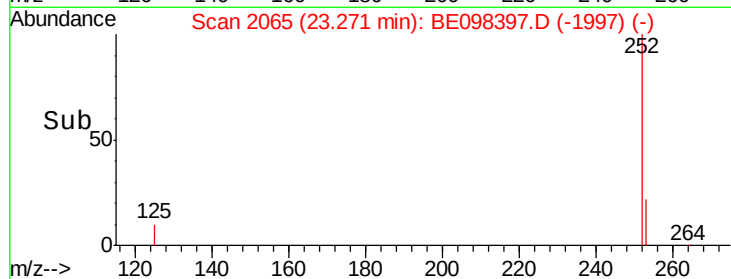
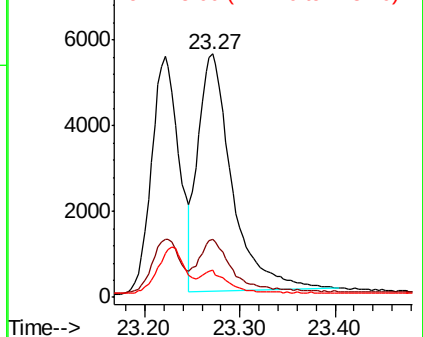
125 11.0 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.405 ng

RT: 23.27 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

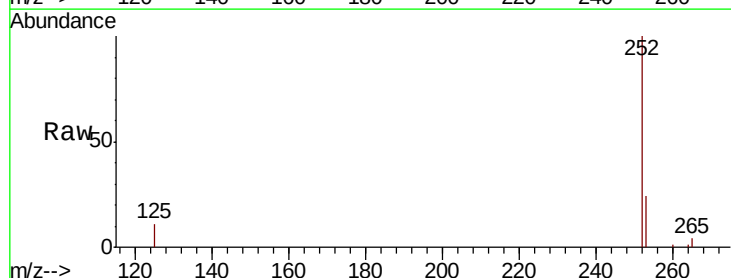
Tgt Ion:252 Resp: 14055

Ion Ratio Lower Upper

252 100

253 23.6 19.0 28.6

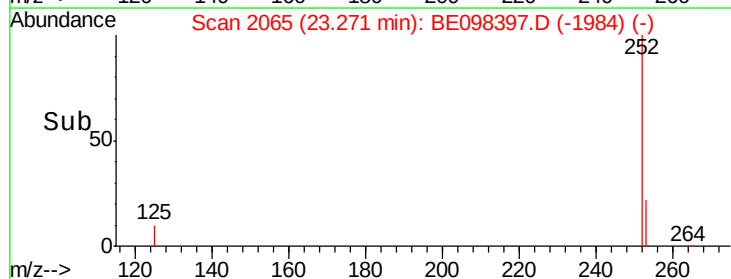
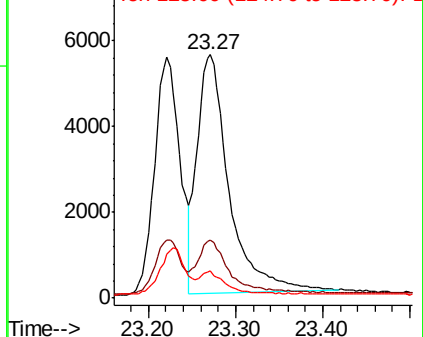
125 11.0 9.1 13.7

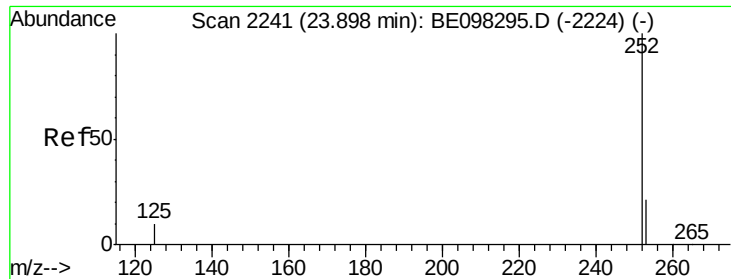


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.89 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

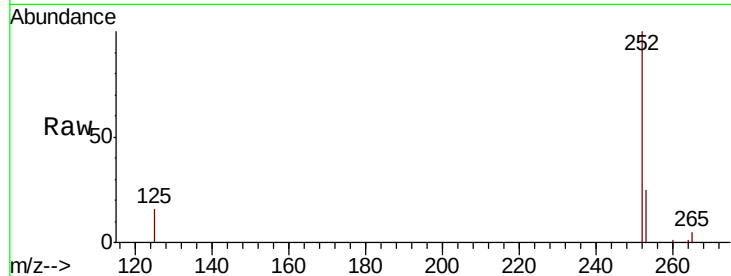
Tgt Ion: 252 Resp: 11546

Ion Ratio Lower Upper

252 100

253 24.8 20.6 30.8

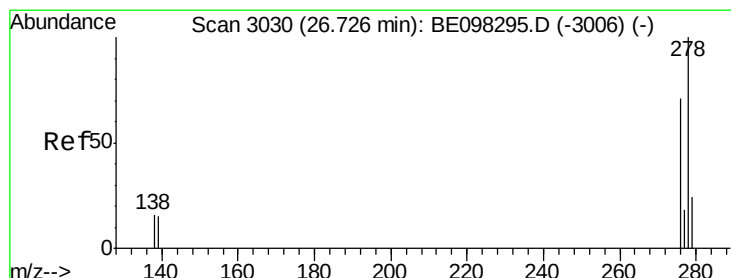
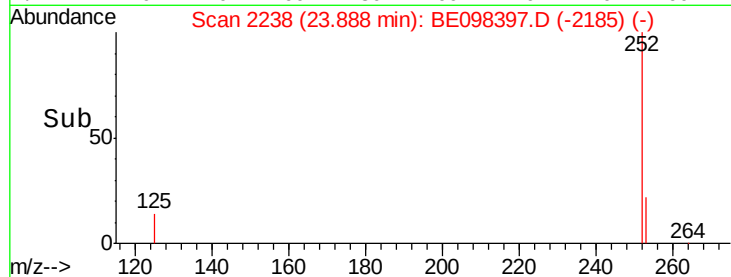
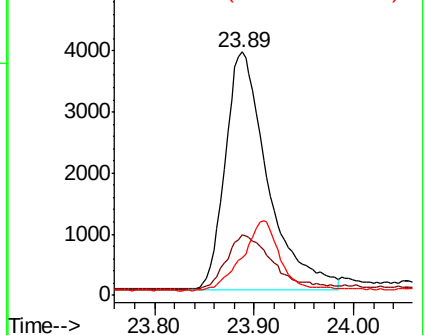
125 15.5 10.5 15.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.369 ng

RT: 26.72 min Scan# 3027

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

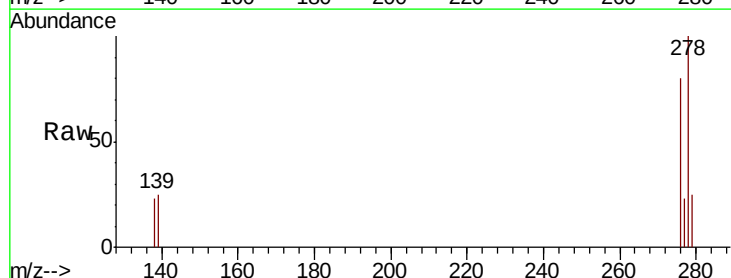
Tgt Ion: 278 Resp: 10697

Ion Ratio Lower Upper

278 100

139 25.2 14.5 21.7#

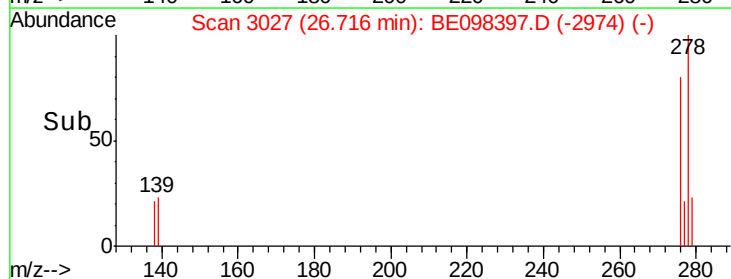
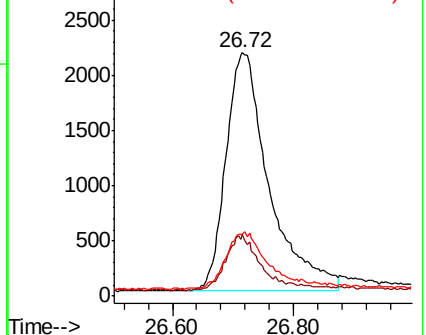
279 25.3 21.8 32.8

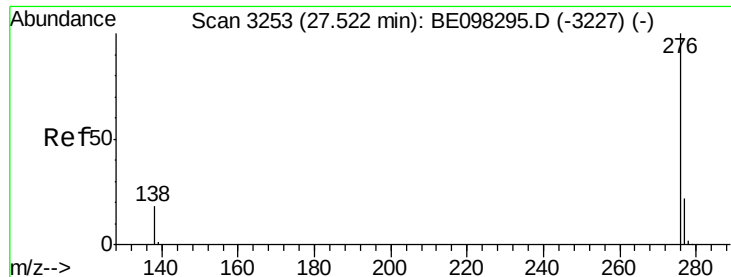


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.373 ng

RT: 27.52 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

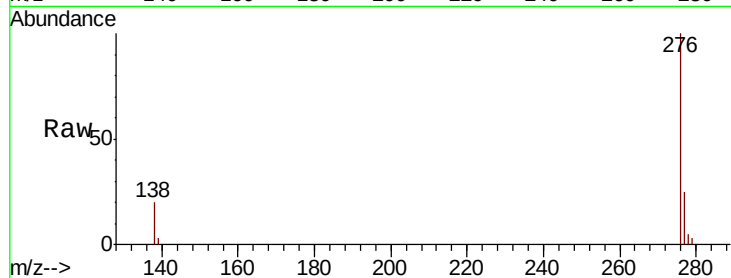
Tgt Ion: 276 Resp: 10894

Ion Ratio Lower Upper

276 100

277 25.1 20.8 31.2

138 20.2 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

