

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110818\
 Data File : BE098181.D
 Acq On : 8 Nov 2018 13:06
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Nov 09 09:52:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1179	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	5571	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	3692	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	8451	0.40	ng	0.01
27) Chrysene-d12	21.46	240	9472	0.40	ng	0.00
34) Perylene-d12	24.02	264	9126	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1379	0.39	ng	0.00
5) Phenol-d6	7.06	99	2273	0.39	ng	0.00
8) Nitrobenzene-d5	9.03	82	2278	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	4015	0.41	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	601	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	6134	0.40	ng	0.00
25) Fluoranthene-d10	19.31	212	42473	0.39	ng	0.00
29) Terphenyl-d14	19.91	244	9049	0.41	ng	0.00

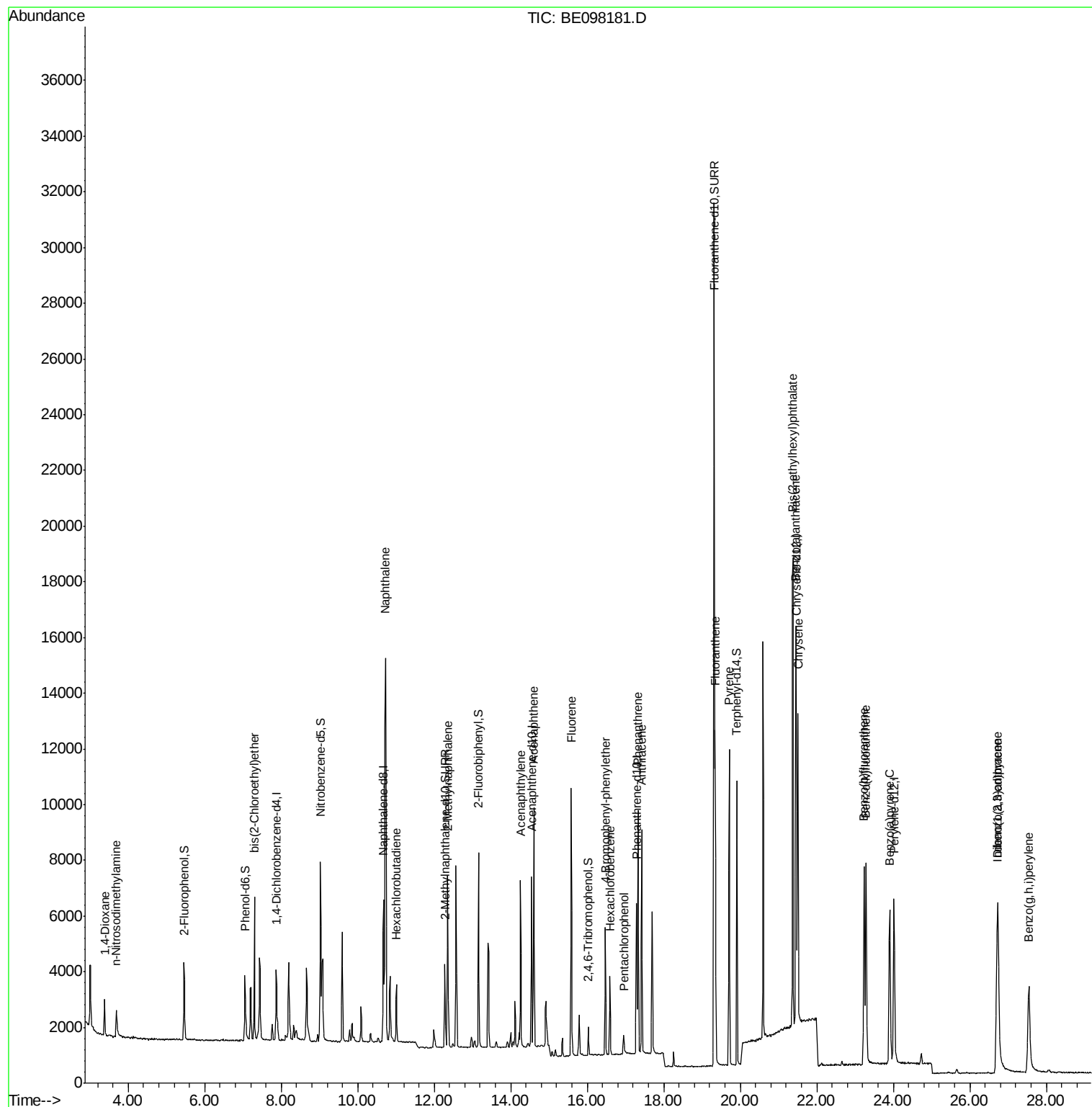
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	799	0.455	ng	95
3) n-Nitrosodimethylamine	3.69	42	949	0.404	ng	# 79
6) bis(2-Chloroethyl)ether	7.30	93	1746	0.414	ng	96
9) Naphthalene	10.73	128	23351	0.419	ng	100
10) Hexachlorobutadiene	11.02	225	1445	0.396	ng	99
12) 2-Methylnaphthalene	12.35	142	4223	0.425	ng	97
16) Acenaphthylene	14.26	152	6911	0.410	ng	99
17) Acenaphthene	14.60	154	4199	0.415	ng	98
18) Fluorene	15.58	166	5437	0.405	ng	100
20) 4-Bromophenyl-phenylether	16.47	248	2110	0.409	ng	96
21) Hexachlorobenzene	16.59	284	2205	0.409	ng	96
22) Pentachlorophenol	16.95	266	495	0.445	ng	96
23) Phenanthrene	17.33	178	8763	0.419	ng	99
24) Anthracene	17.42	178	8133	0.409	ng	99
26) Fluoranthene	19.35	202	10496	0.400	ng	96
28) Pyrene	19.71	202	10837	0.419	ng	100
30) Benzo(a)anthracene	21.45	228	11038	0.399	ng	99
31) Chrysene	21.51	228	11341	0.414	ng	97
32) Bis(2-ethylhexyl)phthalate	21.38	149	24401	0.248	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	11045	0.388	ng	96
35) Benzo(b)fluoranthene	23.23	252	10668	0.415	ng	# 89
36) Benzo(k)fluoranthene	23.29	252	11284	0.424	ng	# 89
37) Benzo(a)pyrene	23.90	252	10244	0.408	ng	# 89
38) Dibenzo(a,h)anthracene	26.73	278	9209	0.393	ng	# 95
39) Benzo(g,h,i)perylene	27.54	276	9389	0.403	ng	# 92

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

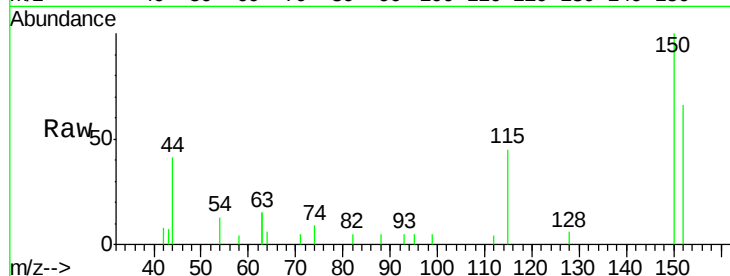
Tgt Ion:152 Resp: 1179

Ion Ratio Lower Upper

152 100

150 150.7 118.2 177.4

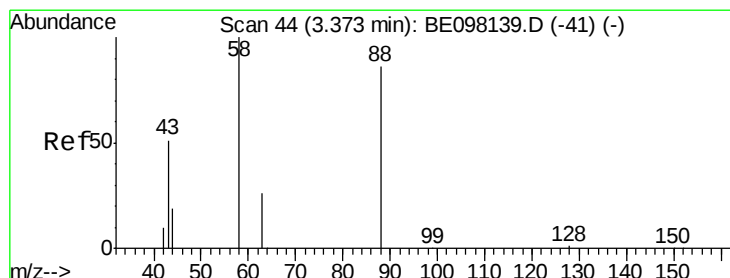
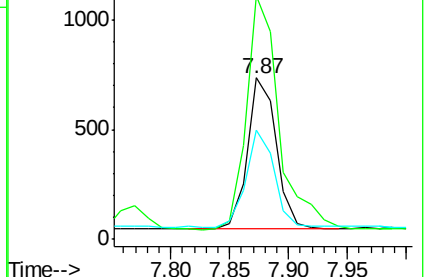
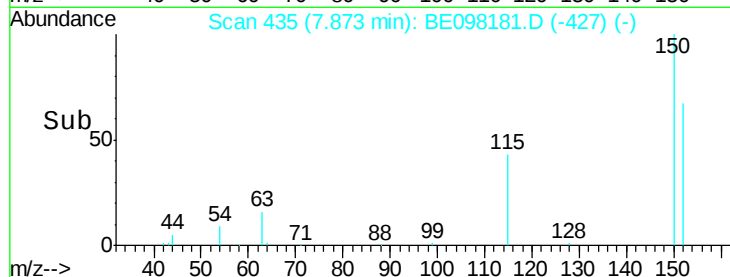
115 68.0 50.9 76.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.455 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

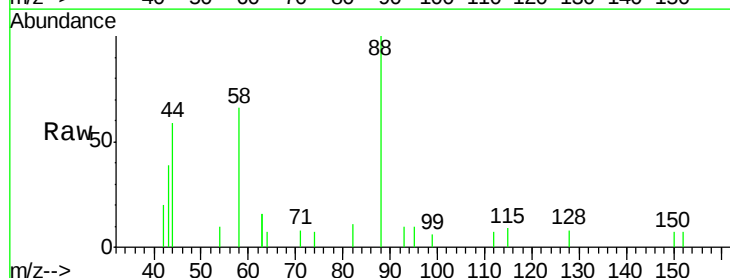
Tgt Ion: 88 Resp: 799

Ion Ratio Lower Upper

88 100

58 85.7 73.2 109.8

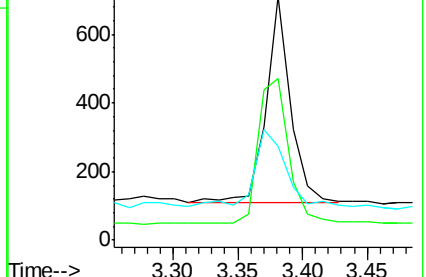
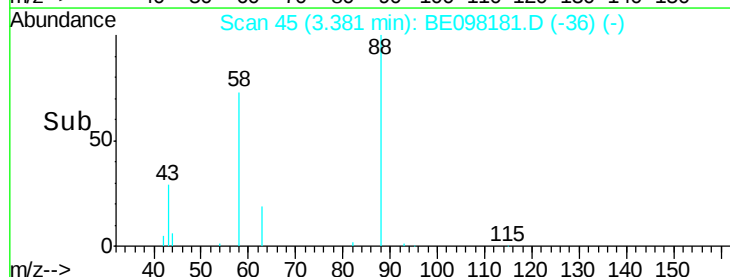
43 47.4 36.9 55.3

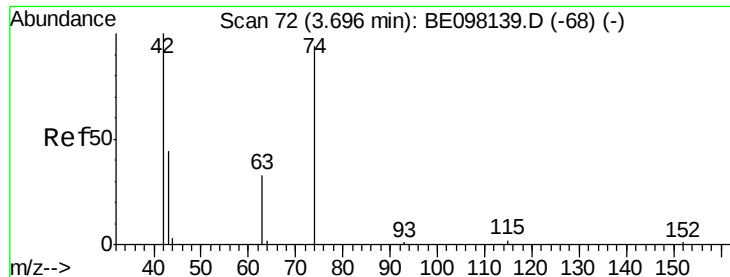


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.404 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

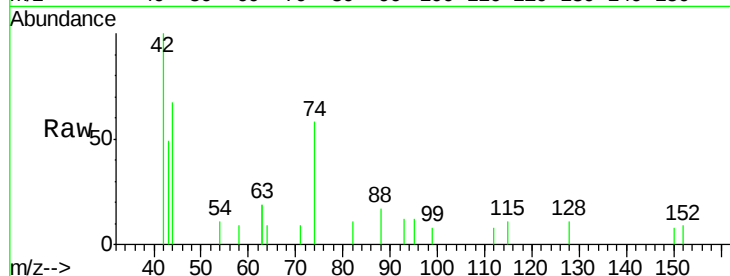
Tgt Ion: 42 Resp: 949

Ion Ratio Lower Upper

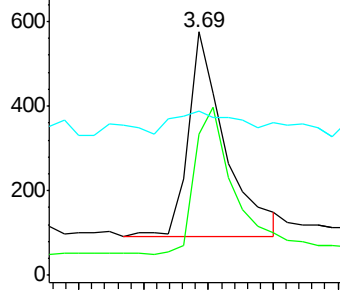
42 100

74 77.1 77.6 116.4#

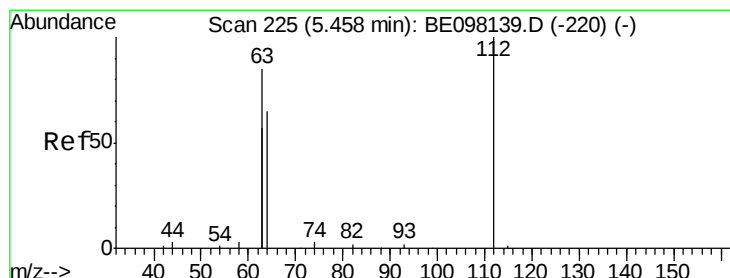
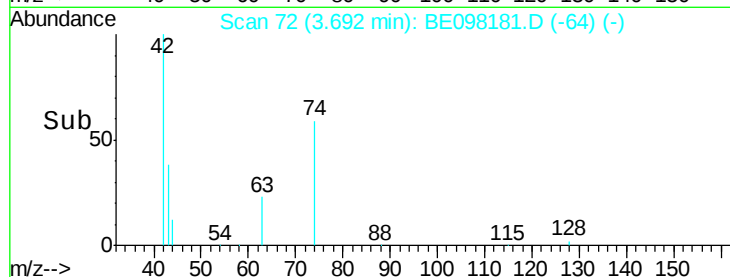
44 18.8 7.6 11.4#



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



Time-->



#4

2-Fluorophenol

Concen: 0.394 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

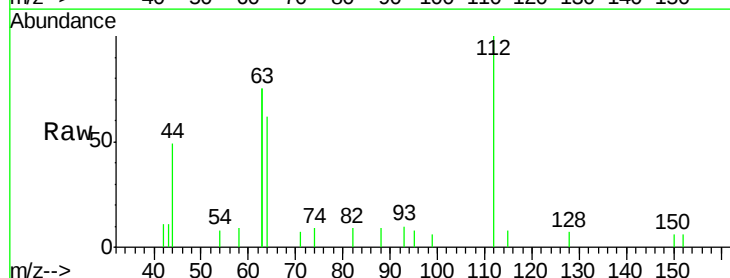
Tgt Ion: 112 Resp: 1379

Ion Ratio Lower Upper

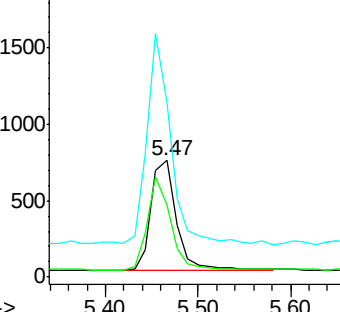
112 100

64 77.7 58.9 88.3

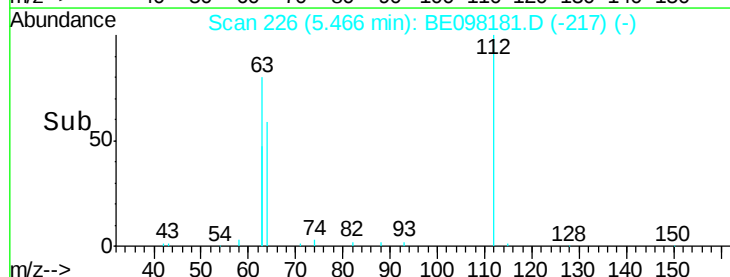
63 172.4 120.3 180.5

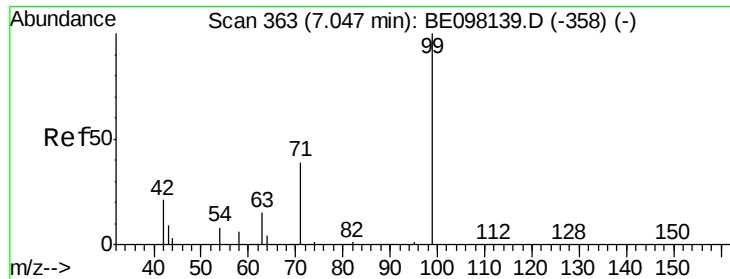


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.394 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

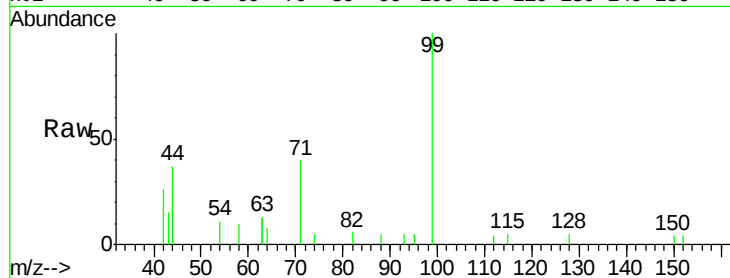
Tgt Ion: 99 Resp: 2273

Ion Ratio Lower Upper

99 100

42 32.1 19.9 29.9#

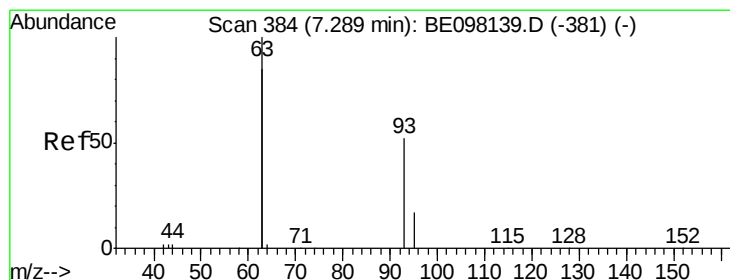
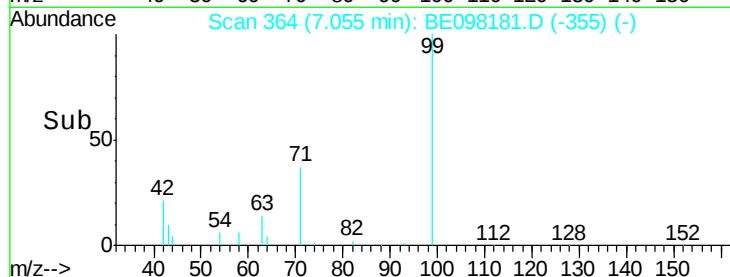
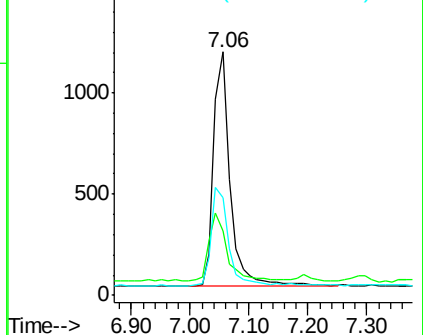
71 43.6 27.8 41.8#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.414 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

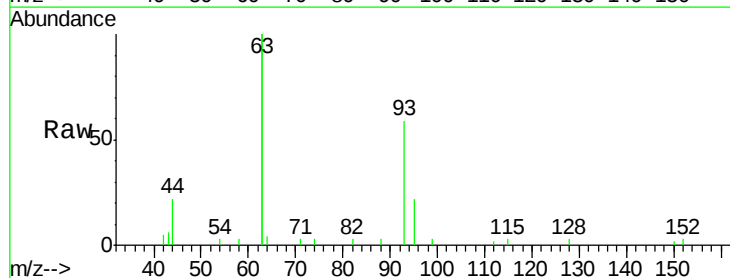
Tgt Ion: 93 Resp: 1746

Ion Ratio Lower Upper

93 100

63 332.0 259.0 388.4

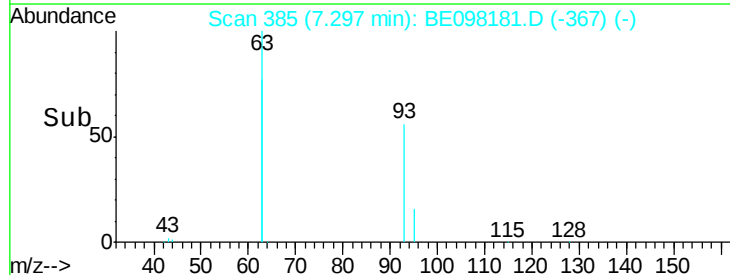
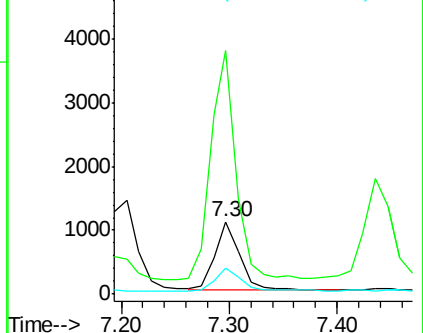
95 34.5 27.8 41.8

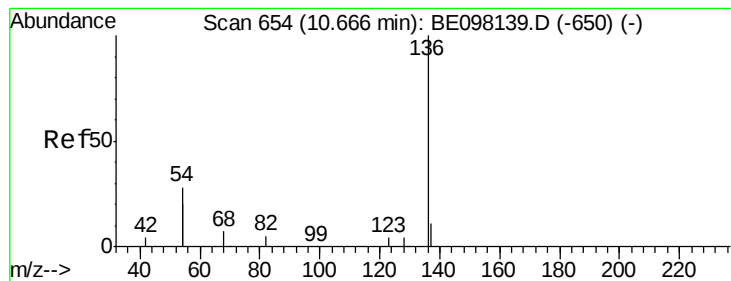


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 5571

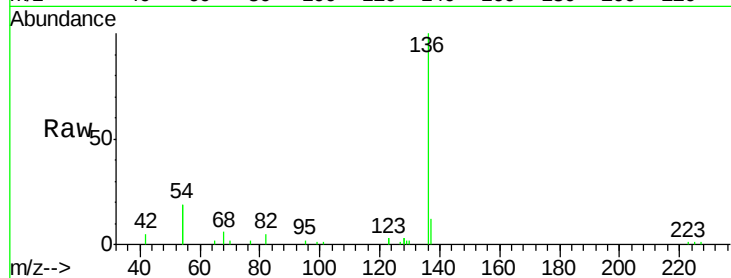
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 37.1 27.7 41.5

68 6.4 5.3 7.9

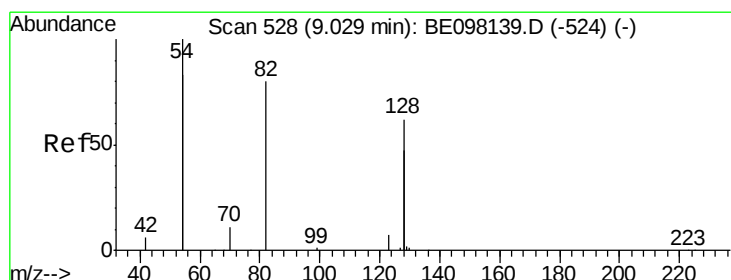
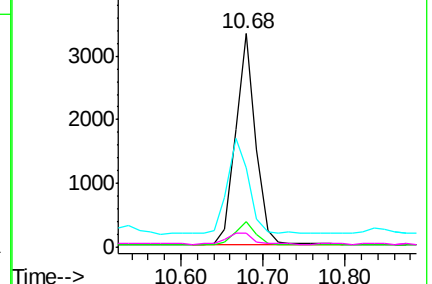
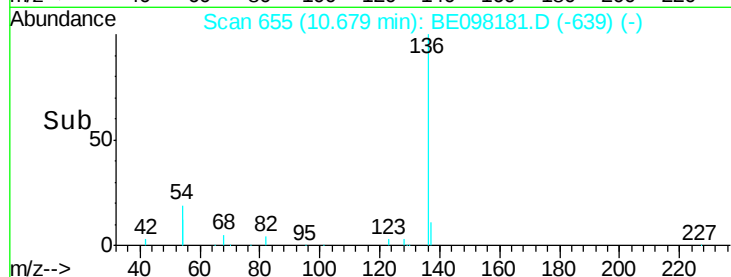


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.381 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

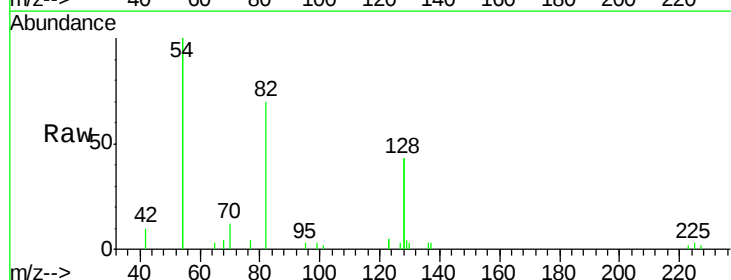
Tgt Ion: 82 Resp: 2278

Ion Ratio Lower Upper

82 100

128 121.4 129.9 194.9#

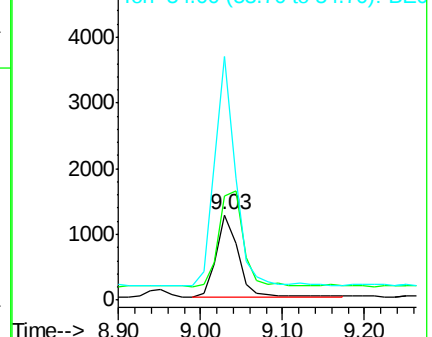
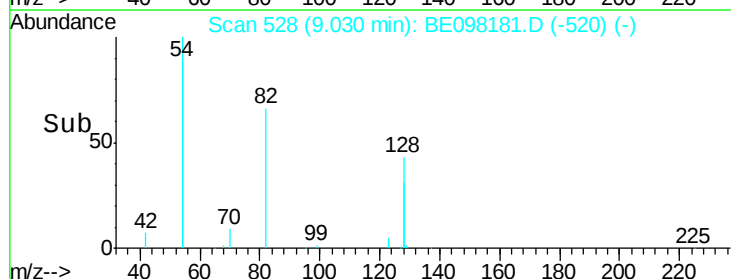
54 285.1 174.0 261.0#

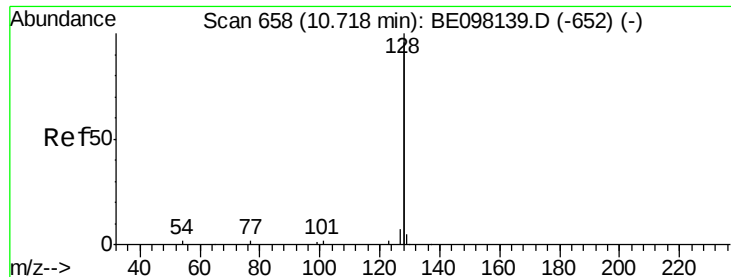


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.419 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

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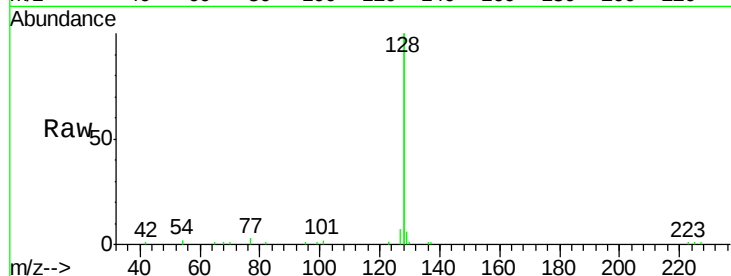
Tgt Ion:128 Resp: 23351

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

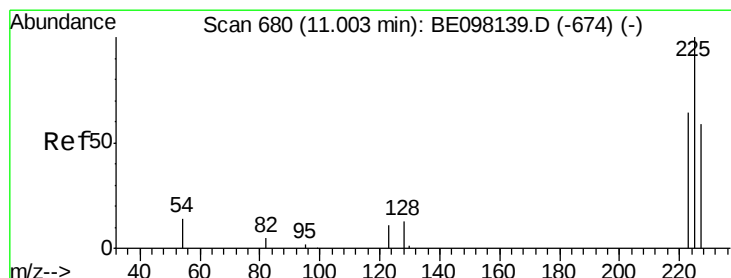
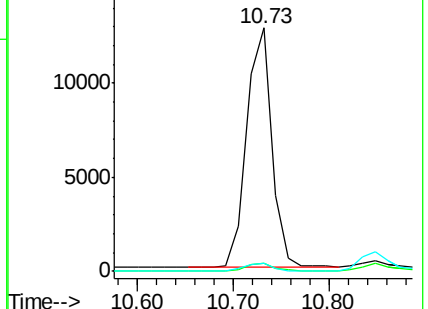
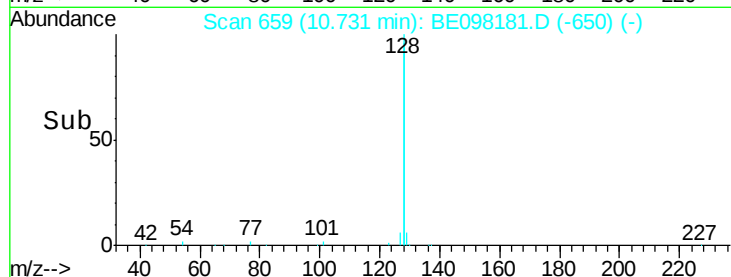
127 3.3 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.396 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

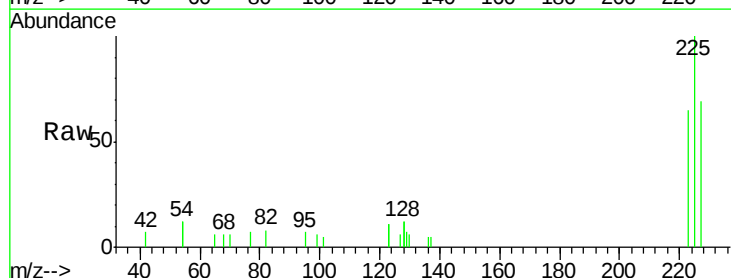
Tgt Ion:225 Resp: 1445

Ion Ratio Lower Upper

225 100

223 66.0 51.8 77.8

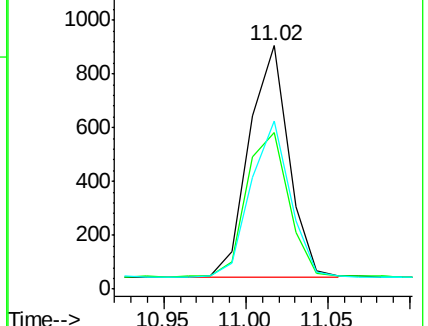
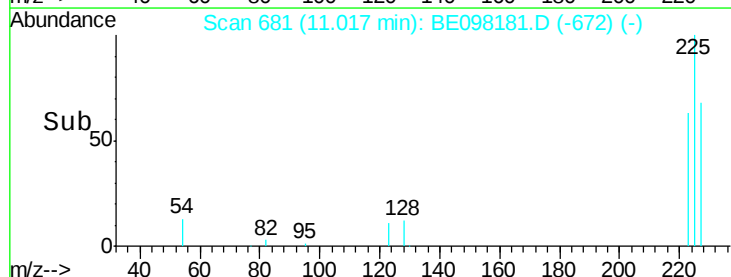
227 66.7 53.0 79.6

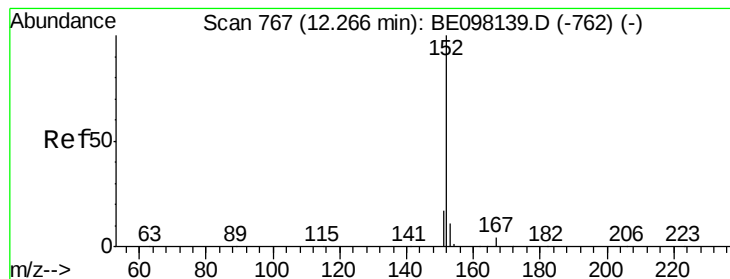


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.409 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.02 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

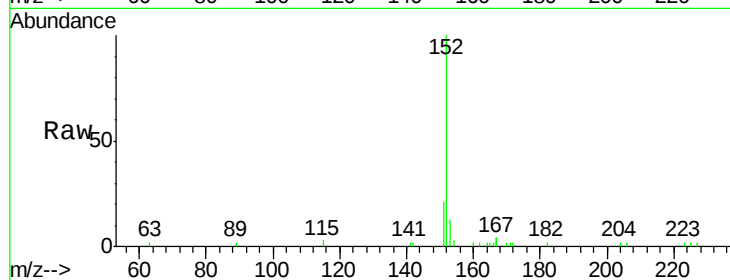
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4015

Ion Ratio Lower Upper

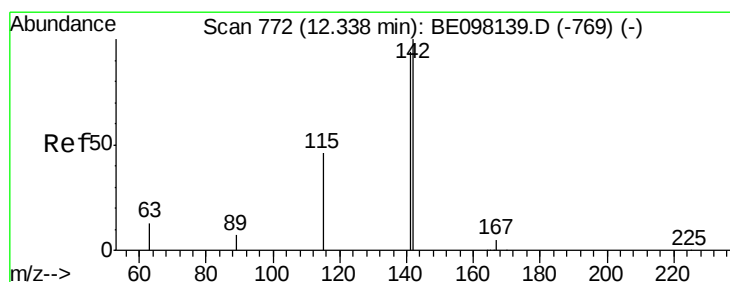
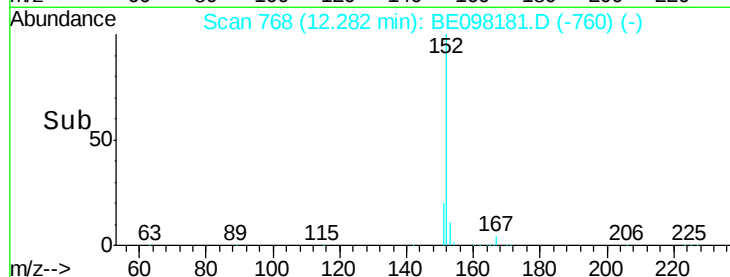
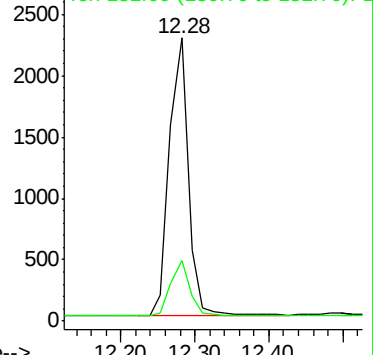
152 100

151 20.1 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: 0.425 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.02 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

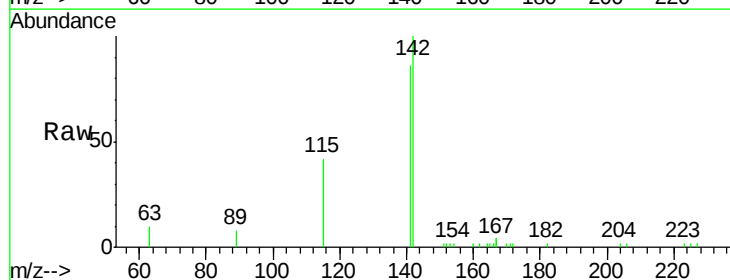
Tgt Ion:142 Resp: 4223

Ion Ratio Lower Upper

142 100

141 85.7 69.8 104.6

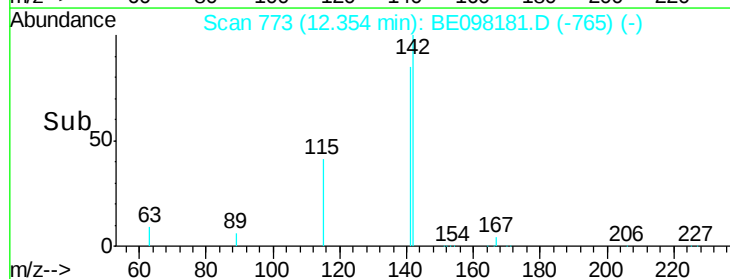
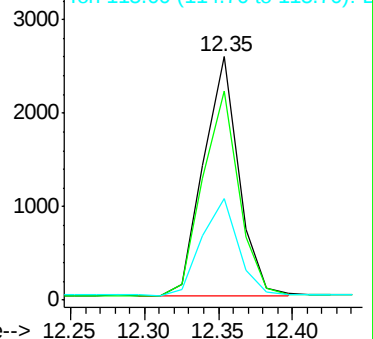
115 41.9 30.5 45.7

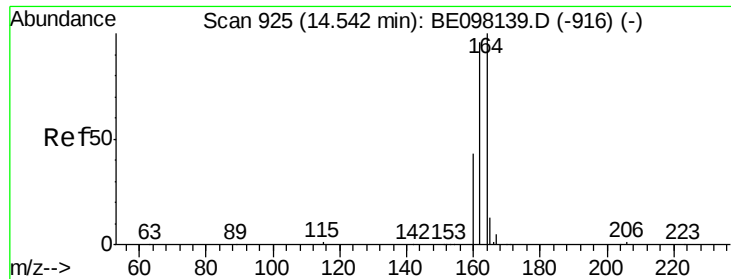


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

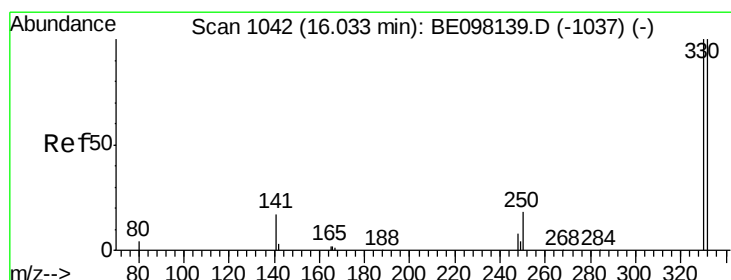
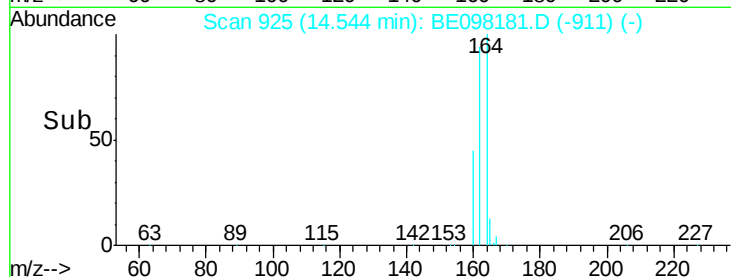
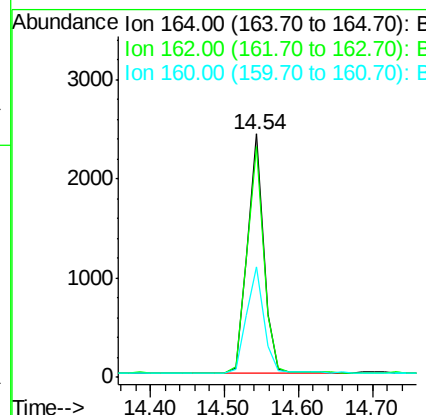
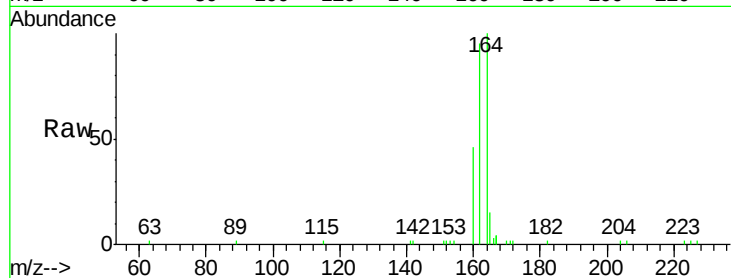




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BE098181.D
 Acq: 8 Nov 2018 13:06

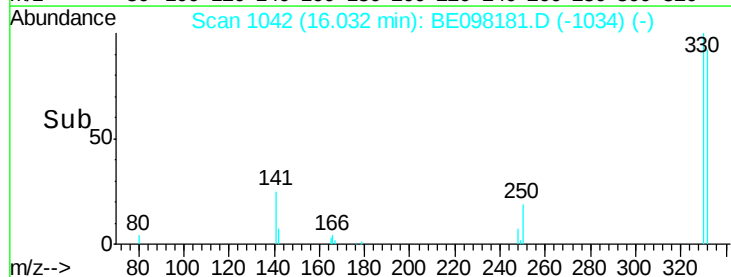
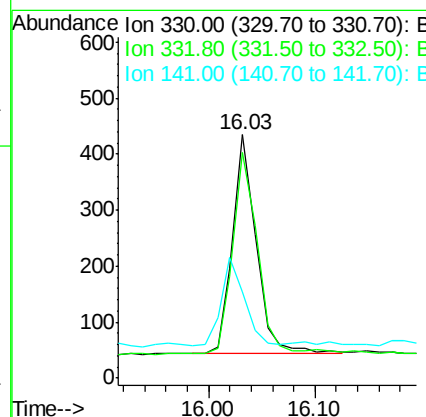
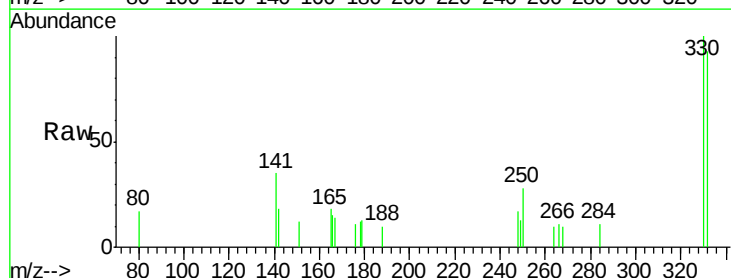
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

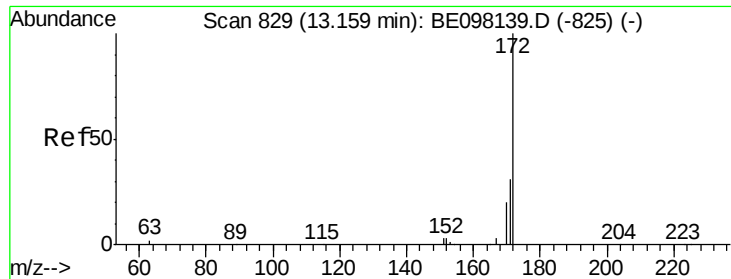
Tgt Ion:164 Resp: 3692
 Ion Ratio Lower Upper
 164 100
 162 94.6 77.4 116.2
 160 45.6 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.344 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE098181.D
 Acq: 8 Nov 2018 13:06

Tgt Ion:330 Resp: 601
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.5 114.7
 141 39.3 31.8 47.6

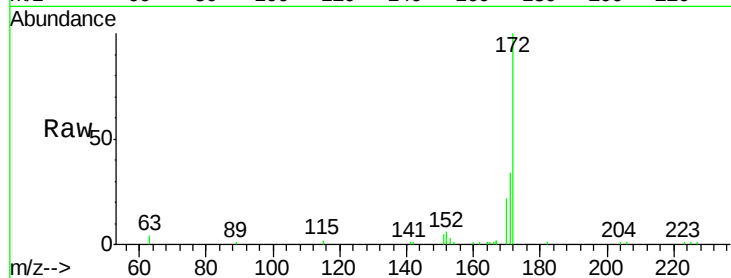




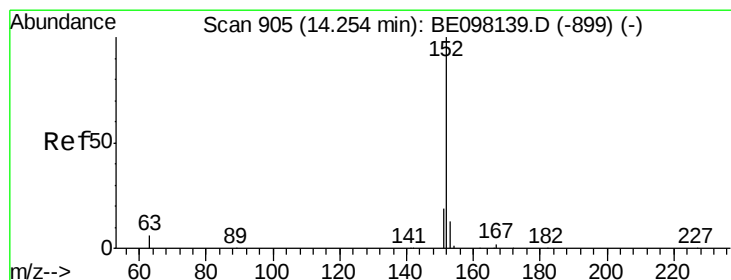
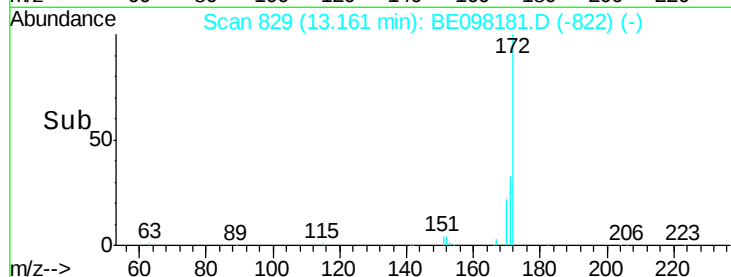
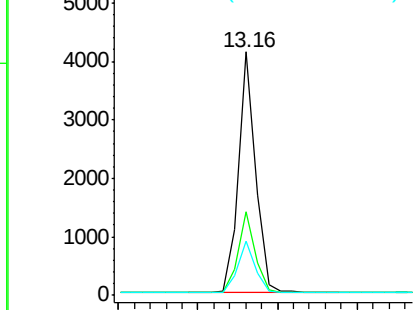
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098181.D
Acq: 8 Nov 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 6134
Ion Ratio Lower Upper
172 100
171 34.4 26.0 39.0
170 22.5 18.0 27.0

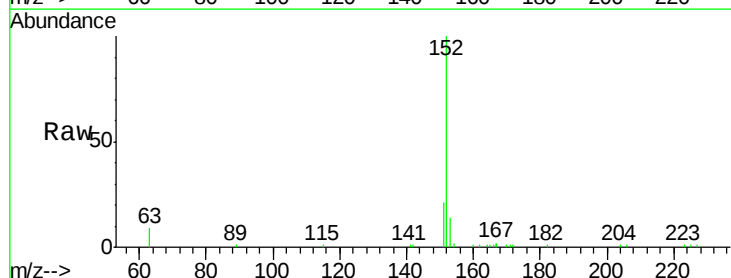


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

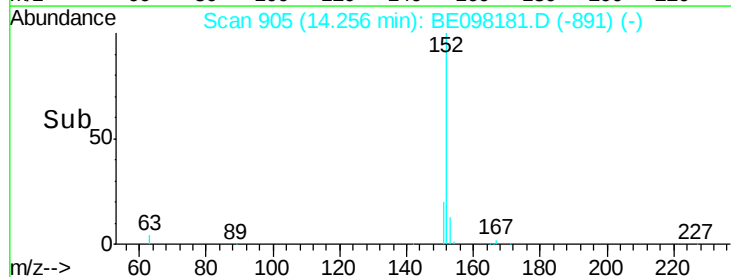
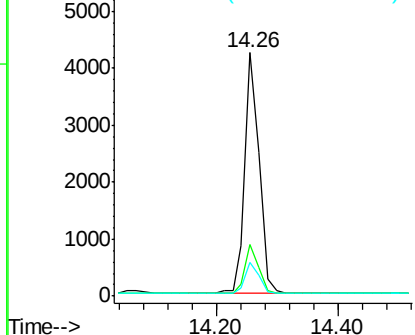


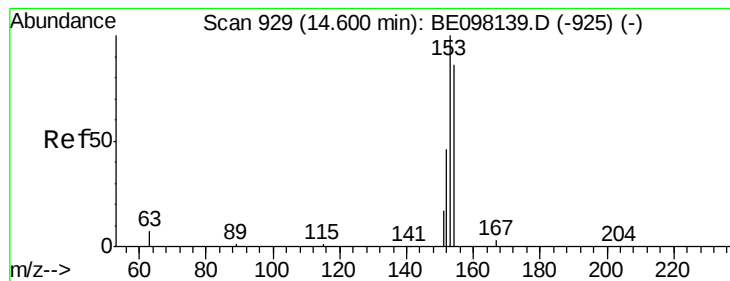
#16
Acenaphthylene
Concen: 0.410 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098181.D
Acq: 8 Nov 2018 13:06

Tgt Ion:152 Resp: 6911
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 12.6 10.9 16.3



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





#17

Acenaphthene

Concen: 0.415 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

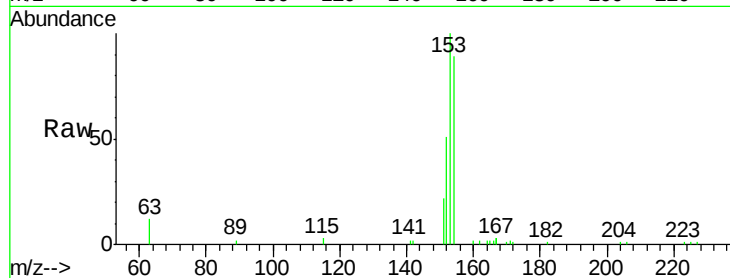
Tgt Ion:154 Resp: 4199

Ion Ratio Lower Upper

154 100

153 113.2 92.6 139.0

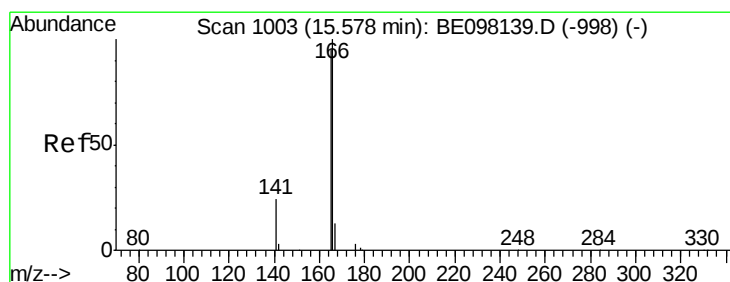
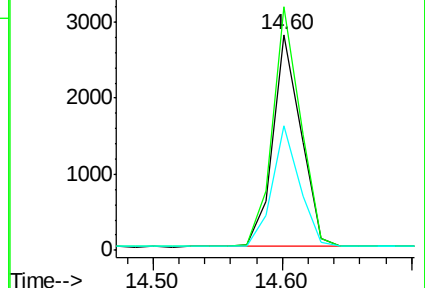
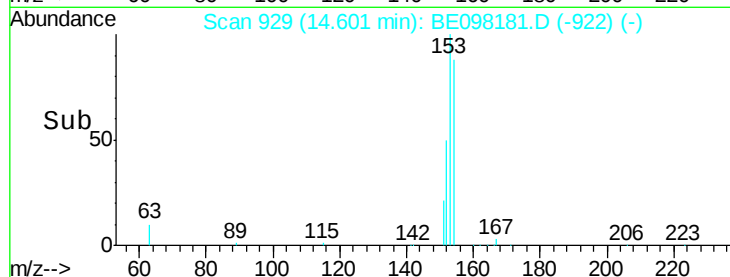
152 55.7 45.5 68.3



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: 0.405 ng

RT: 15.58 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

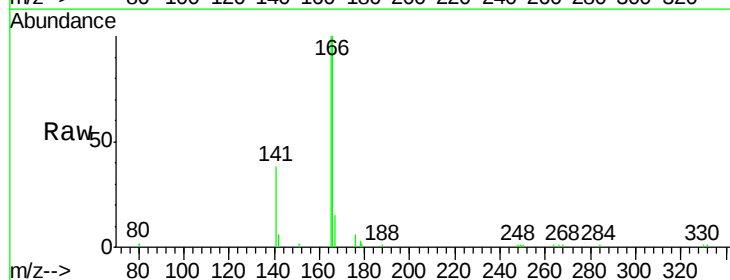
Tgt Ion:166 Resp: 5437

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.4

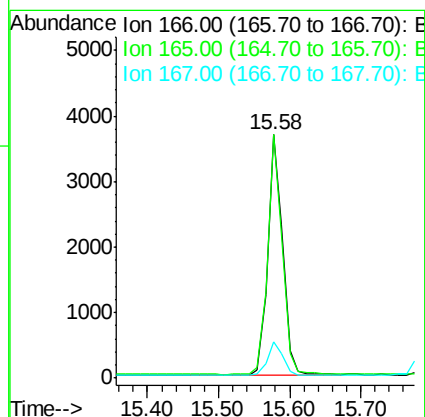
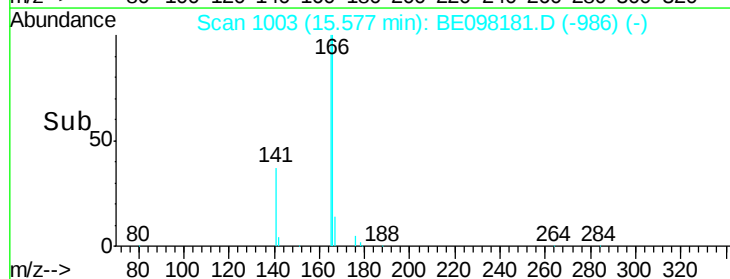
167 14.0 11.0 16.6

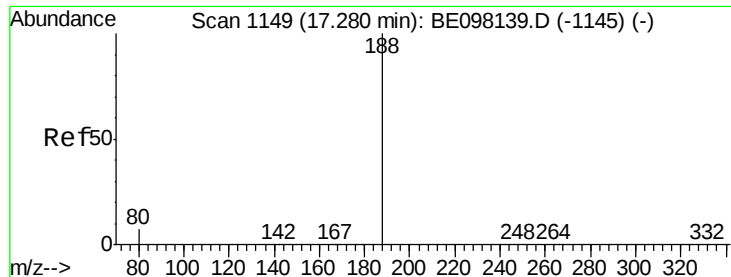


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

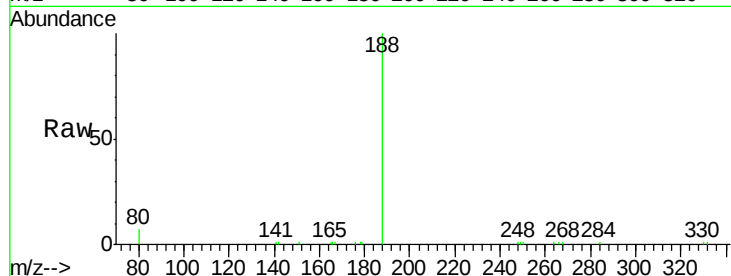
Tgt Ion:188 Resp: 8451

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

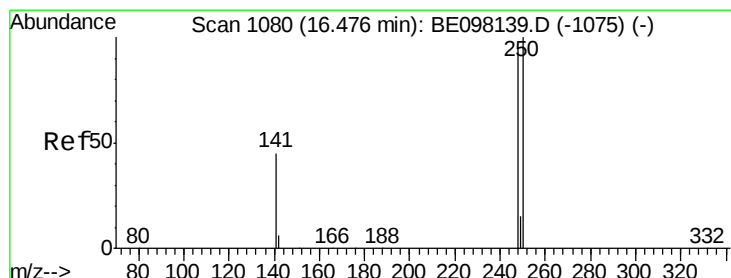
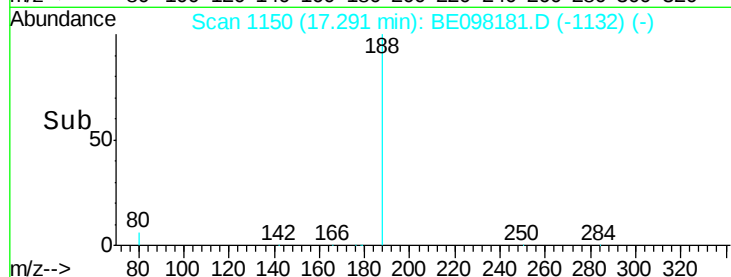
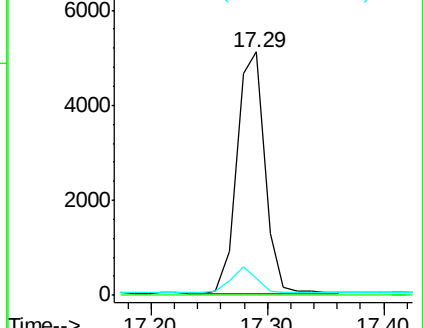
80 6.9 6.3 9.5



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: 0.409 ng

RT: 16.47 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

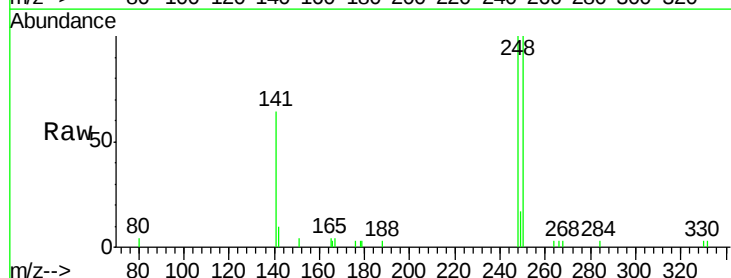
Tgt Ion:248 Resp: 2110

Ion Ratio Lower Upper

248 100

250 100.2 75.1 112.7

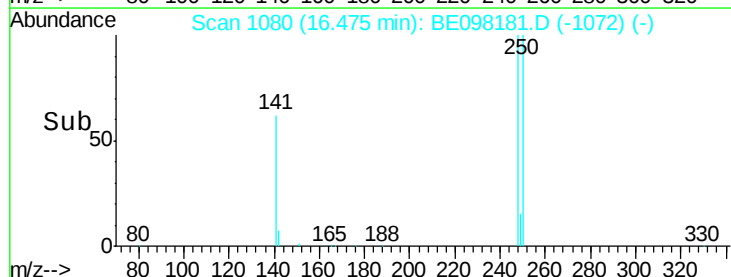
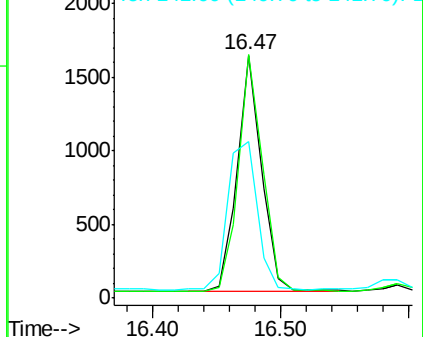
141 64.3 51.8 77.8

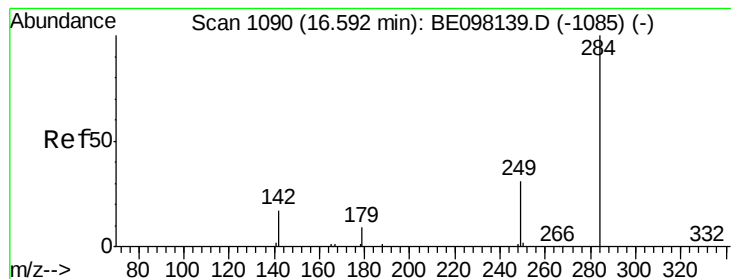


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.409 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

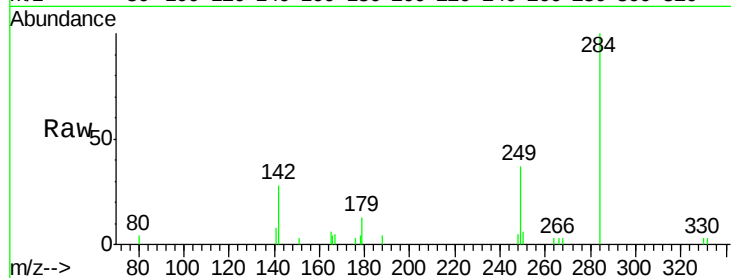
Tgt Ion:284 Resp: 2205

Ion Ratio Lower Upper

284 100

142 33.8 25.9 38.9

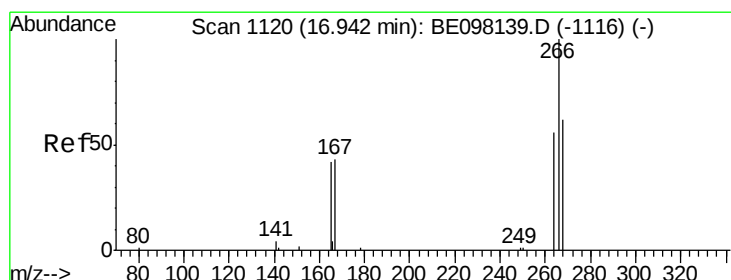
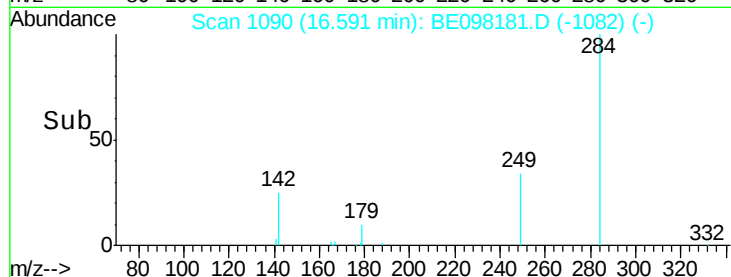
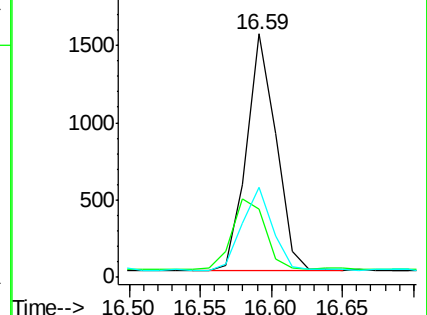
249 36.4 26.6 40.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.445 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

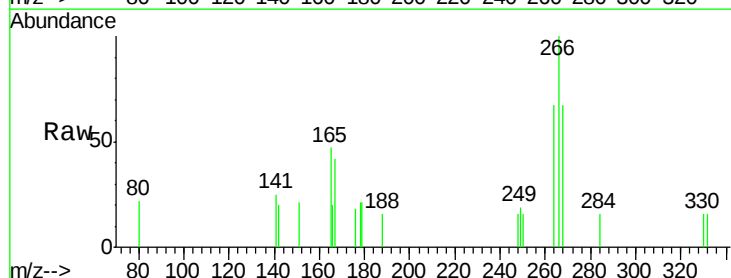
Tgt Ion:266 Resp: 495

Ion Ratio Lower Upper

266 100

264 67.0 51.3 76.9

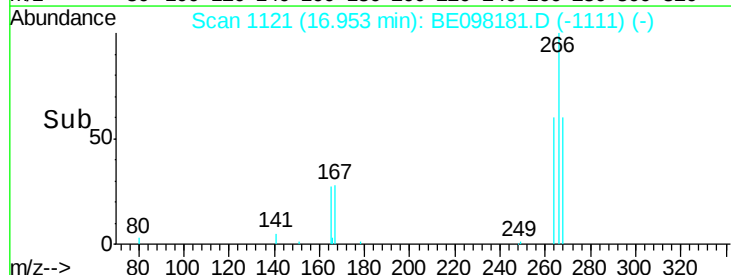
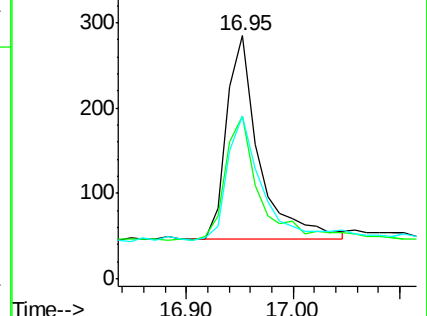
268 66.7 50.1 75.1

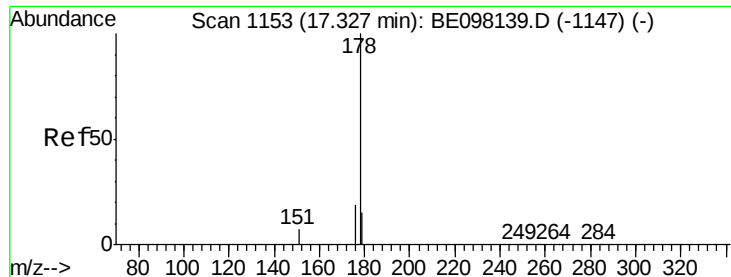


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.419 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

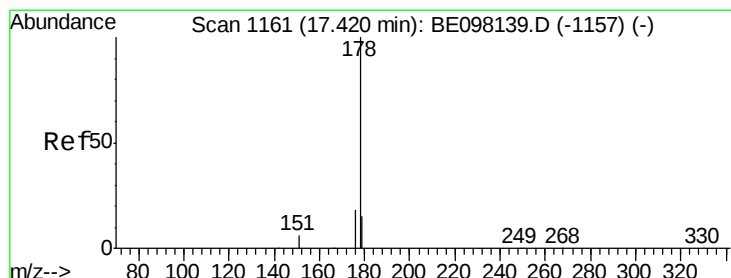
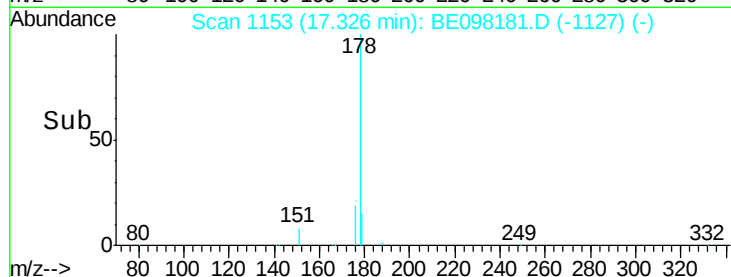
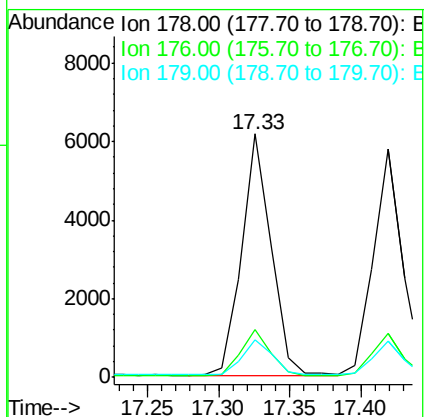
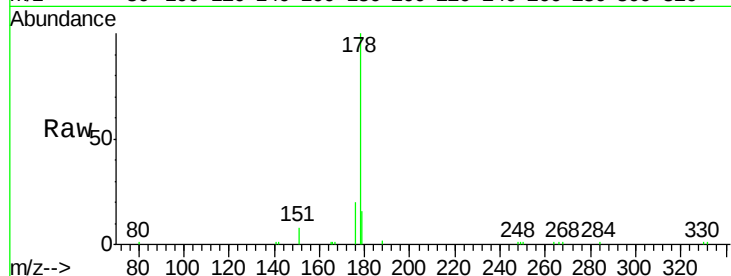
Tgt Ion:178 Resp: 8763

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.1 12.2 18.4



#24

Anthracene

Concen: 0.409 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

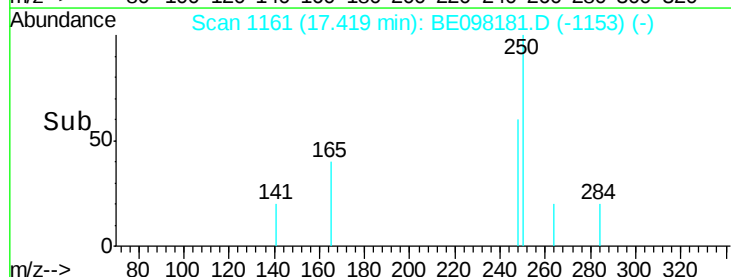
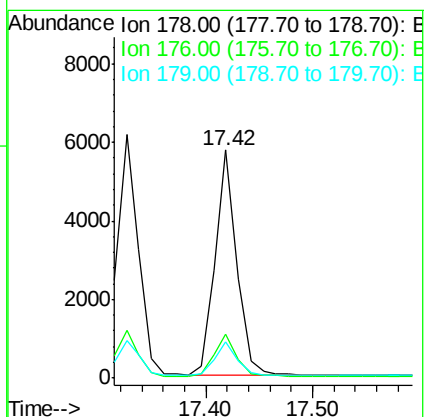
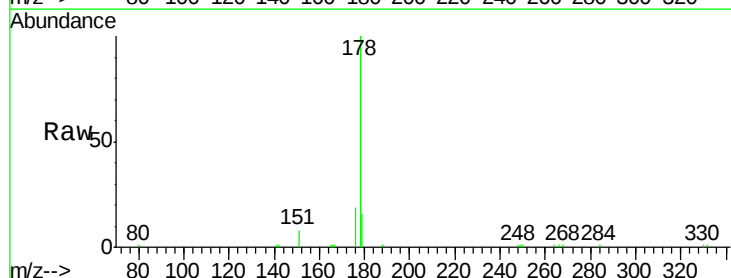
Tgt Ion:178 Resp: 8133

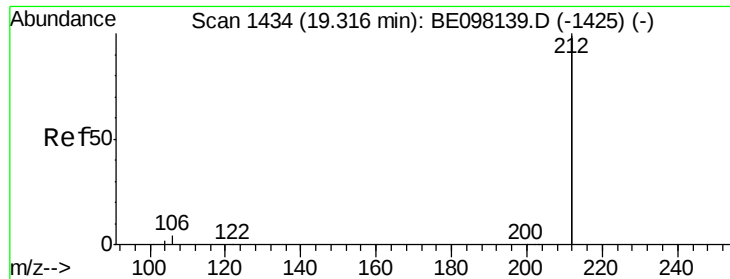
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.6 11.9 17.9

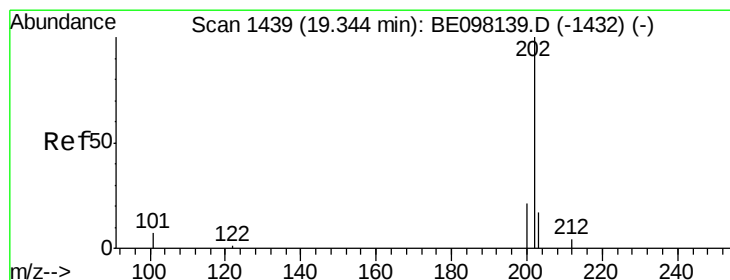
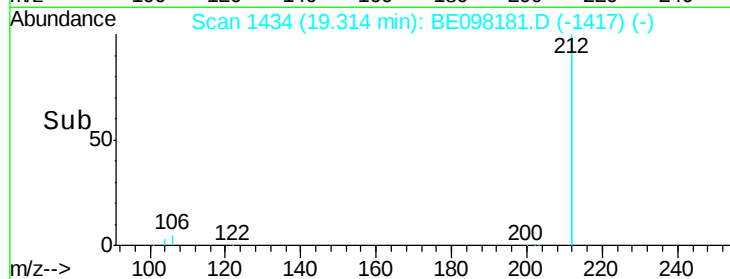
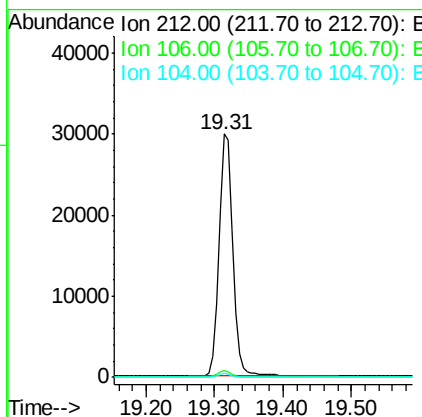
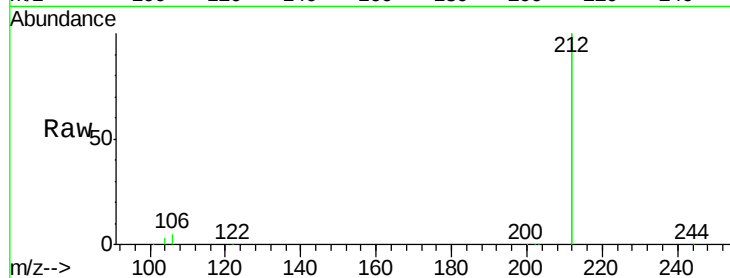




#25
 Fluoranthene-d10
 Concen: 0.390 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BE098181.D
 Acq: 8 Nov 2018 13:06

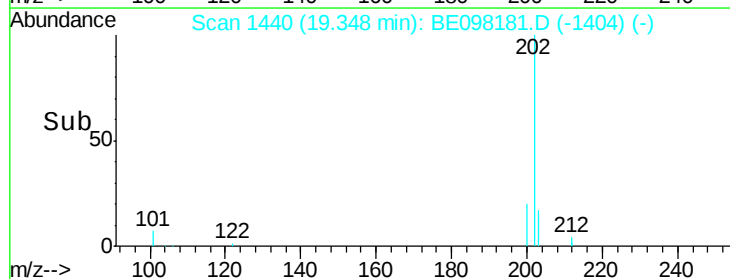
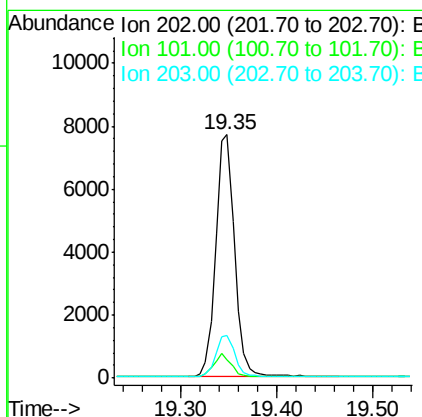
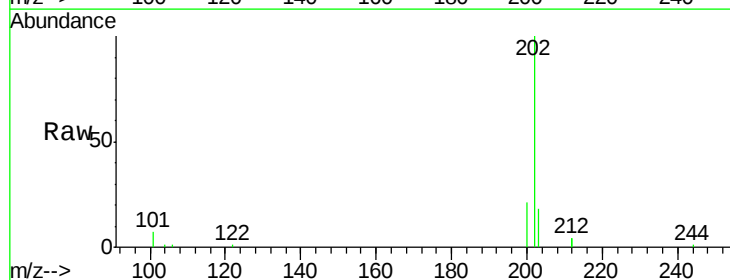
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

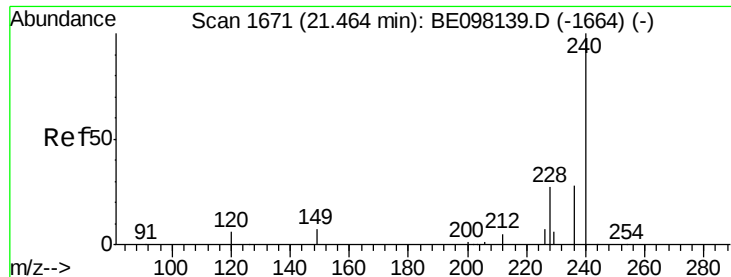
Tgt Ion: 212 Resp: 42473
 Ion Ratio Lower Upper
 212 100
 106 2.4 2.3 3.5
 104 1.3 1.3 1.9



#26
 Fluoranthene
 Concen: 0.400 ng
 RT: 19.35 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BE098181.D
 Acq: 8 Nov 2018 13:06

Tgt Ion: 202 Resp: 10496
 Ion Ratio Lower Upper
 202 100
 101 8.4 8.2 12.2
 203 17.2 15.0 22.4

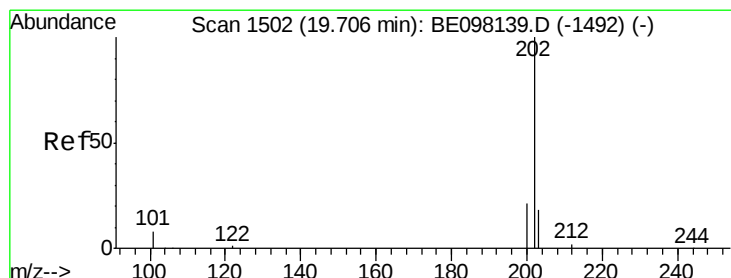
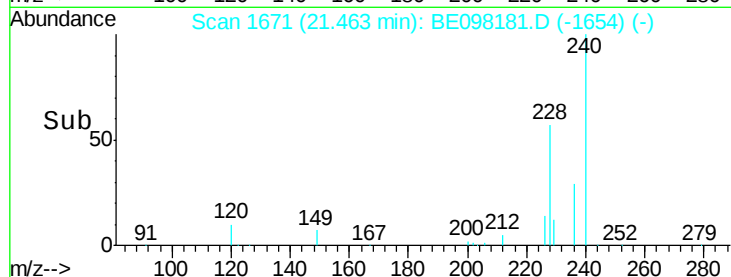
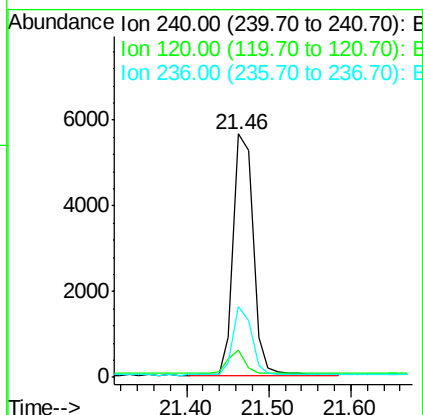
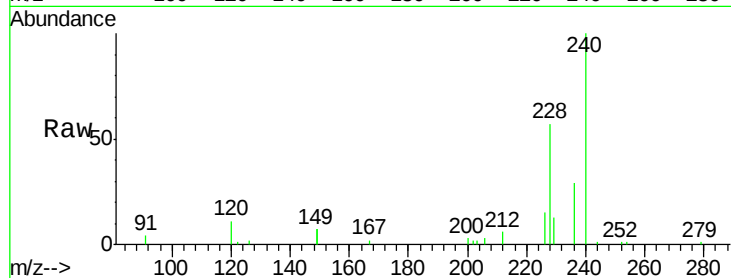




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098181.D
Acq: 8 Nov 2018 13:06

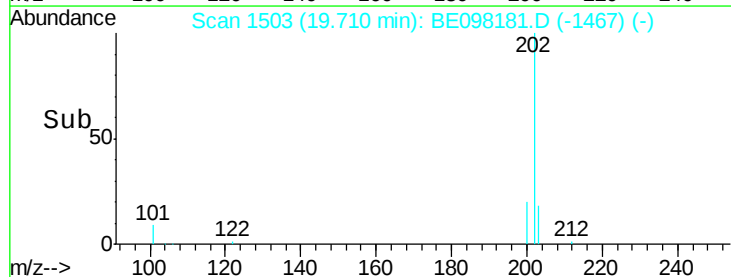
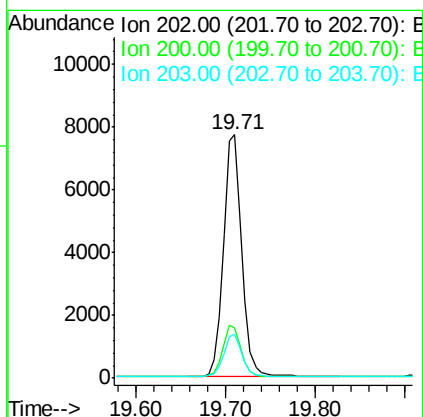
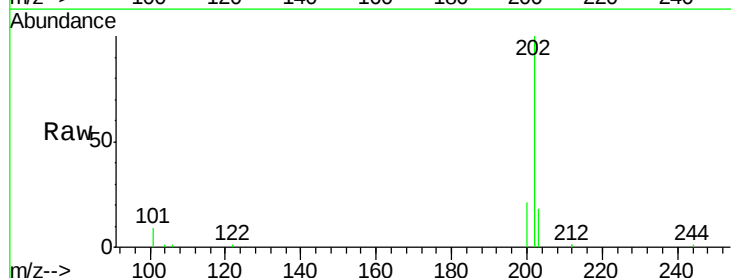
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

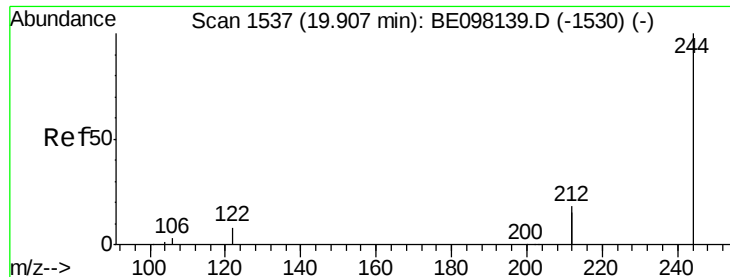
Tgt Ion:240 Resp: 9472
Ion Ratio Lower Upper
240 100
120 11.2 7.1 10.7#
236 29.2 21.3 31.9



#28
Pyrene
Concen: 0.419 ng
RT: 19.71 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE098181.D
Acq: 8 Nov 2018 13:06

Tgt Ion:202 Resp: 10837
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.5 14.2 21.4





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

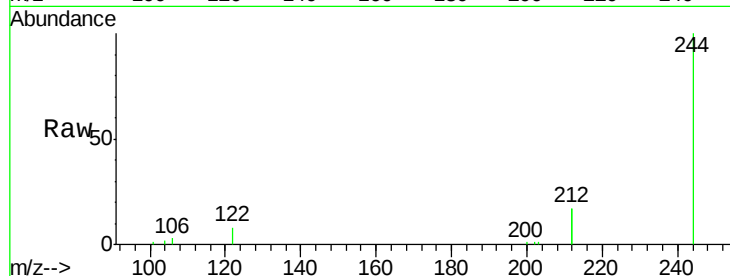
Tgt Ion:244 Resp: 9049

Ion Ratio Lower Upper

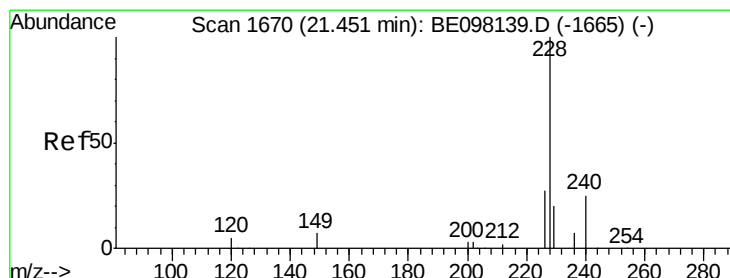
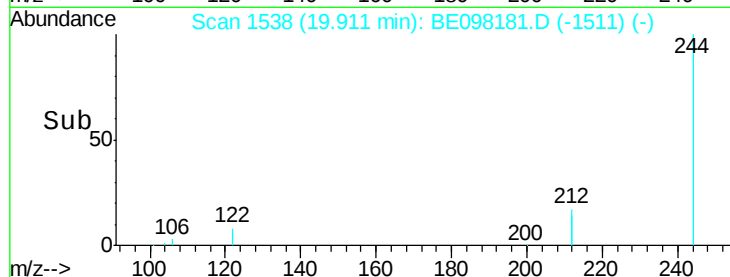
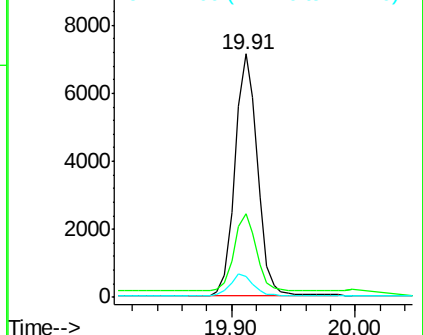
244 100

212 34.5 26.2 39.2

122 8.5 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.399 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

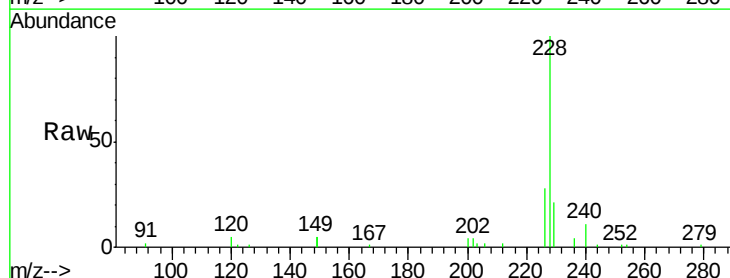
Tgt Ion:228 Resp: 11038

Ion Ratio Lower Upper

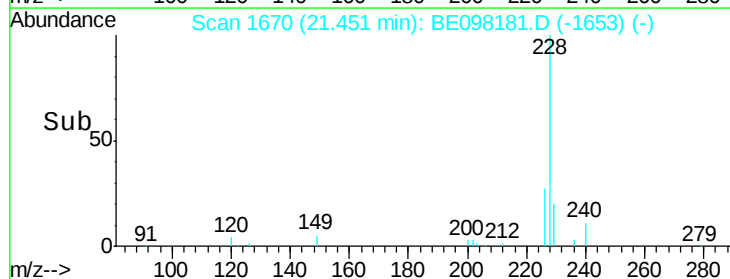
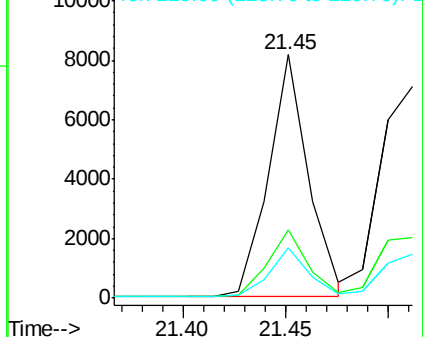
228 100

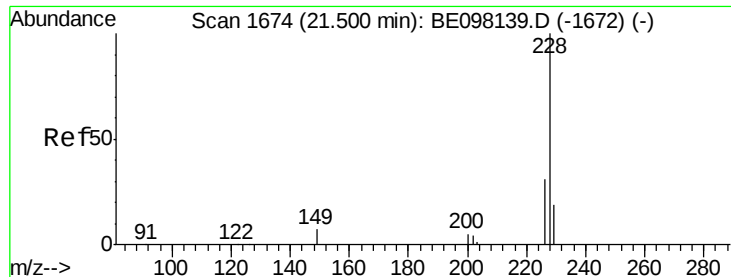
226 27.9 22.6 33.8

229 20.6 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.414 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

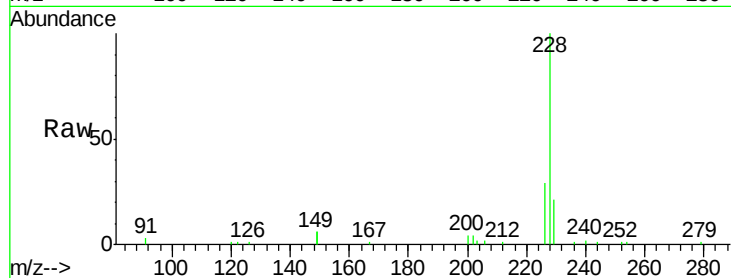
Tgt Ion:228 Resp: 11341

Ion Ratio Lower Upper

228 100

226 28.7 24.3 36.5

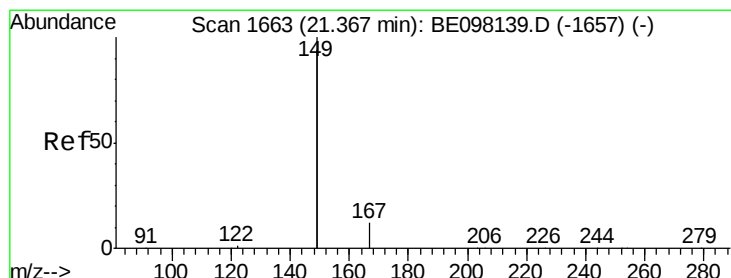
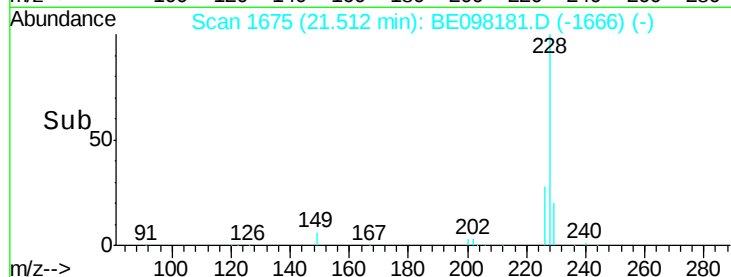
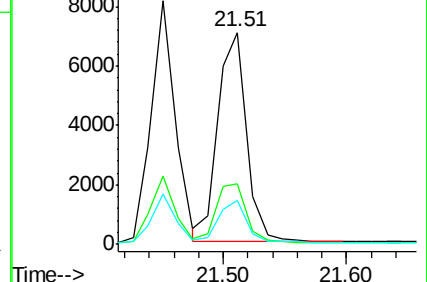
229 20.8 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.248 ng

RT: 21.38 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

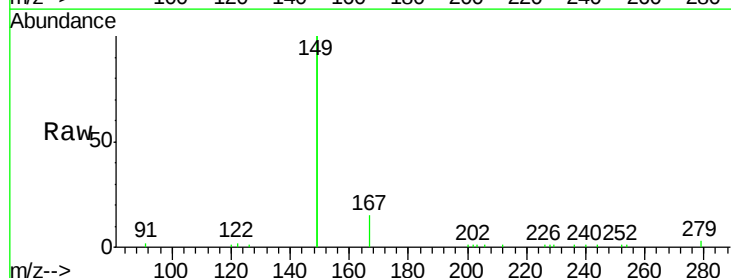
Tgt Ion:149 Resp: 24401

Ion Ratio Lower Upper

149 100

167 7.0 5.6 8.4

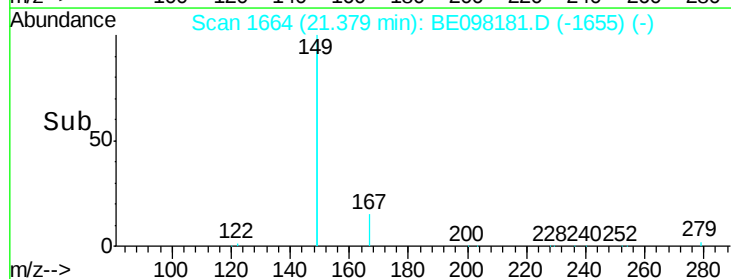
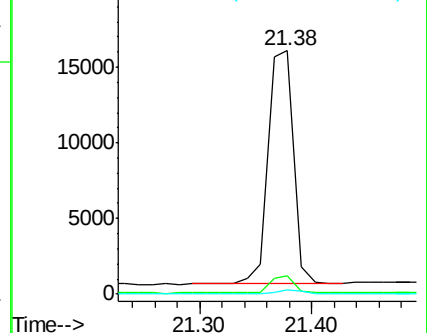
279 1.1 0.9 1.3

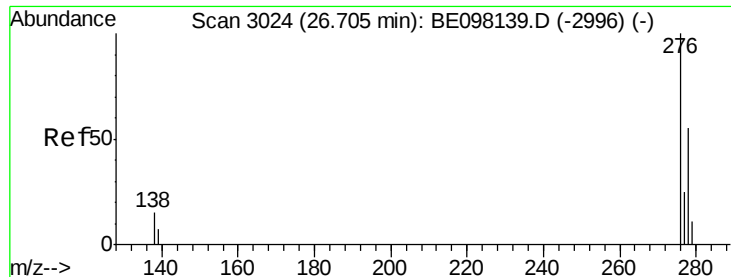


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.388 ng

RT: 26.71 min Scan# 3026

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

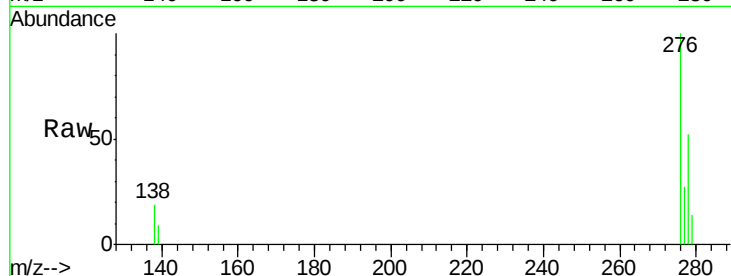
Tgt Ion:276 Resp: 11045

Ion Ratio Lower Upper

276 100

138 18.4 17.0 25.6

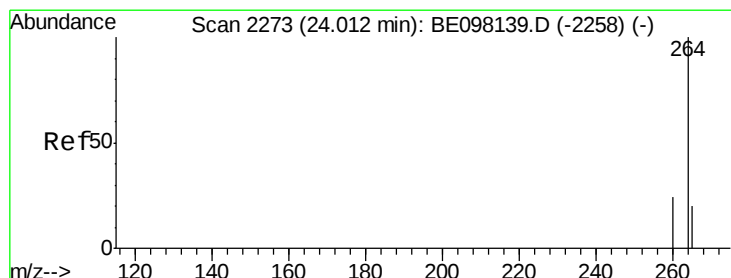
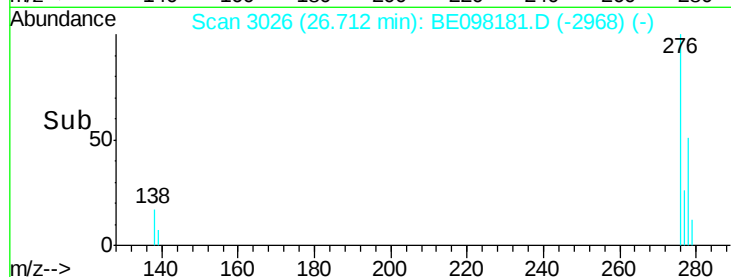
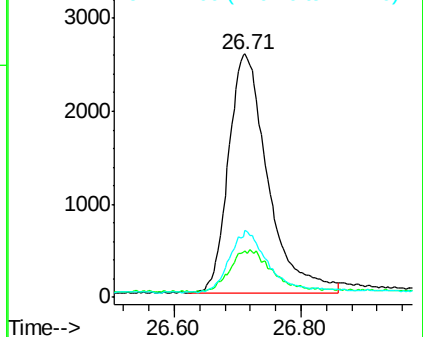
277 24.6 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.02 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

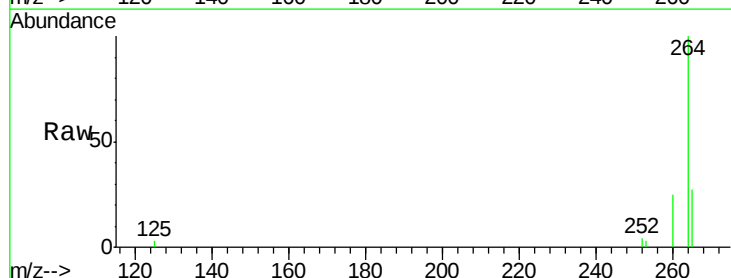
Tgt Ion:264 Resp: 9126

Ion Ratio Lower Upper

264 100

260 25.0 21.1 31.7

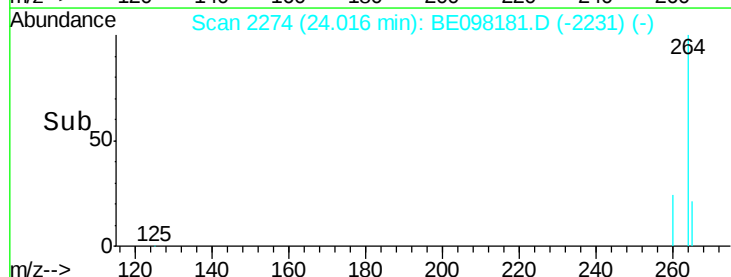
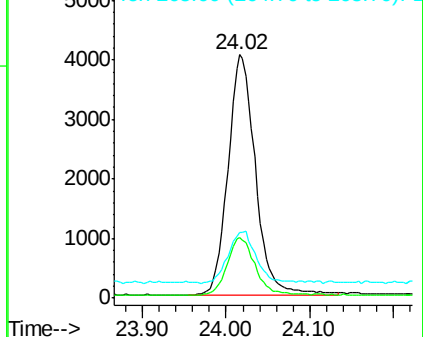
265 27.0 29.2 43.8#

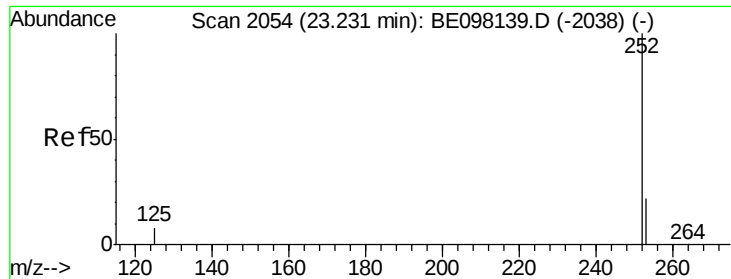


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.415 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

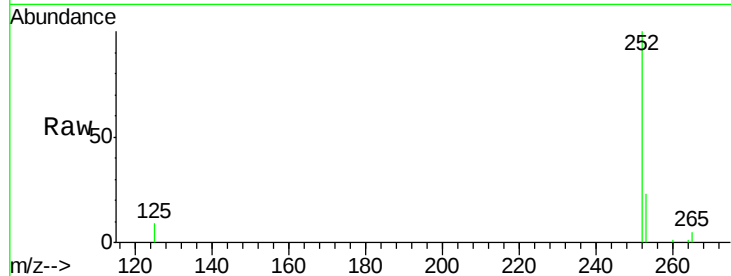
Tgt Ion:252 Resp: 10668

Ion Ratio Lower Upper

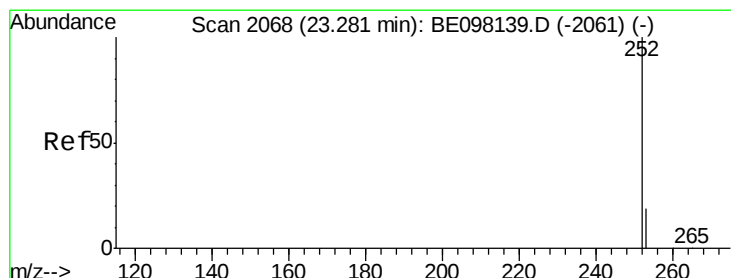
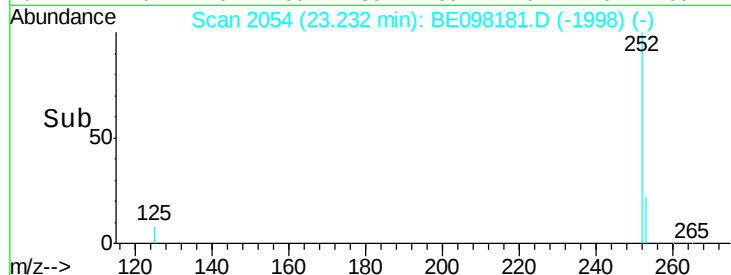
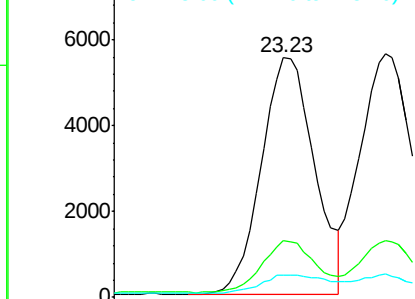
252 100

253 23.5 20.6 31.0

125 9.4 14.3 21.5#



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



#36

Benzo(k)fluoranthene

Concen: 0.424 ng

RT: 23.29 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

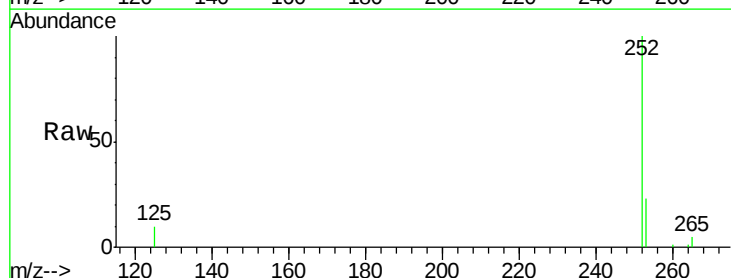
Tgt Ion:252 Resp: 11284

Ion Ratio Lower Upper

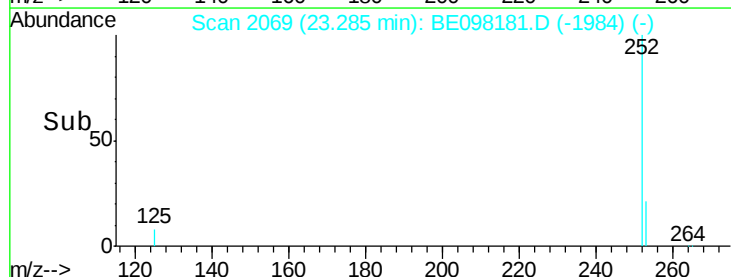
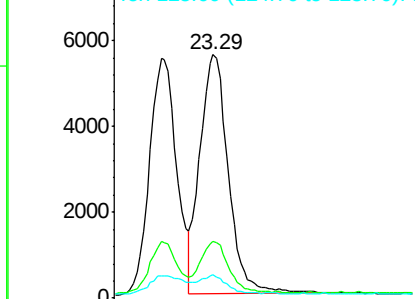
252 100

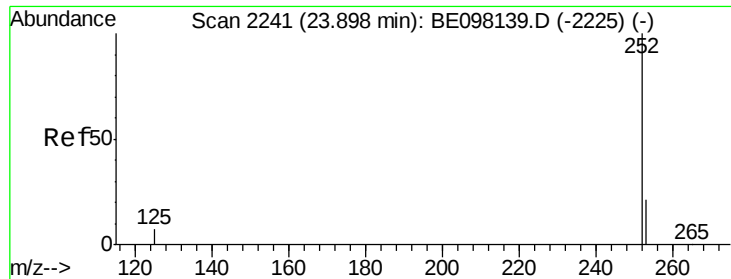
253 23.1 20.4 30.6

125 9.7 14.6 21.8#



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





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.90 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

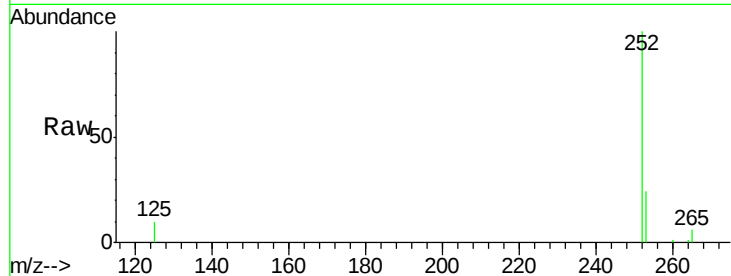
Tgt Ion:252 Resp: 10244

Ion Ratio Lower Upper

252 100

253 24.2 20.6 31.0

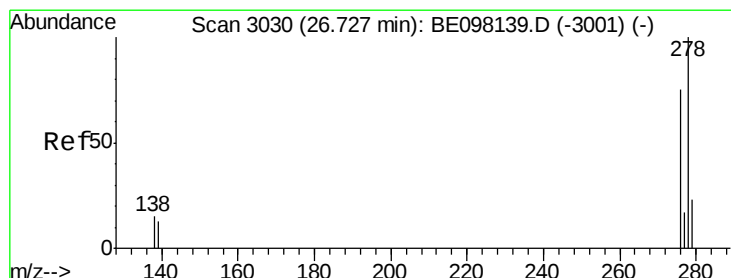
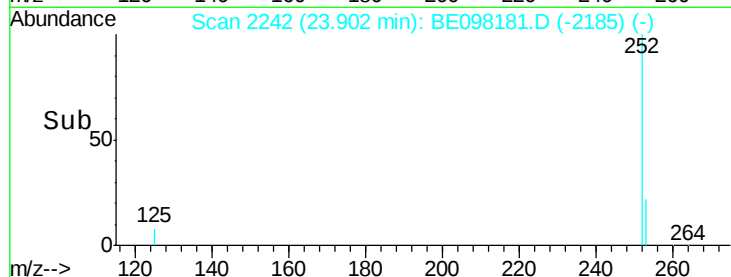
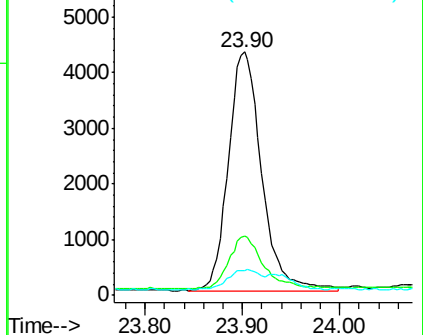
125 10.1 15.6 23.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.393 ng

RT: 26.73 min Scan# 3032

Delta R.T. 0.01 min

Lab File: BE098181.D

Acq: 8 Nov 2018 13:06

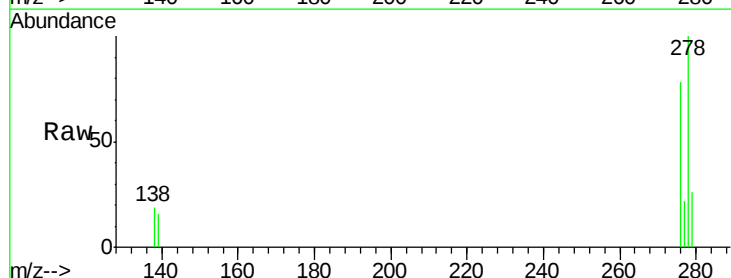
Tgt Ion:278 Resp: 9209

Ion Ratio Lower Upper

278 100

139 15.8 16.3 24.5#

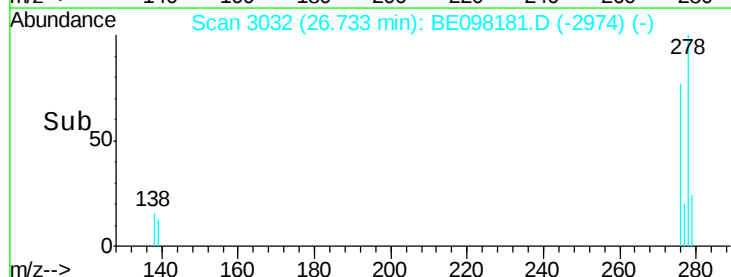
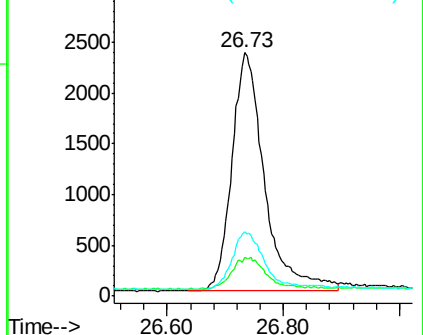
279 26.4 21.4 32.2

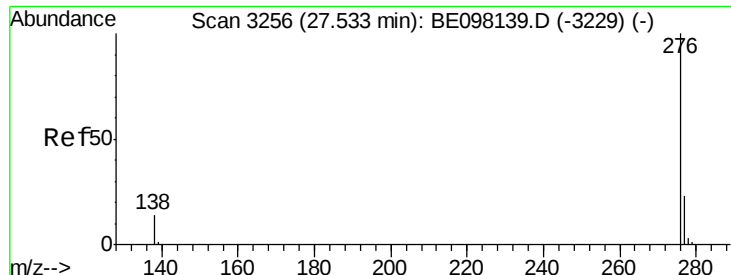


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.403 ng

RT: 27.54 min Scan# 3259

Delta R.T. 0.01 min

Lab File: BE098181.D

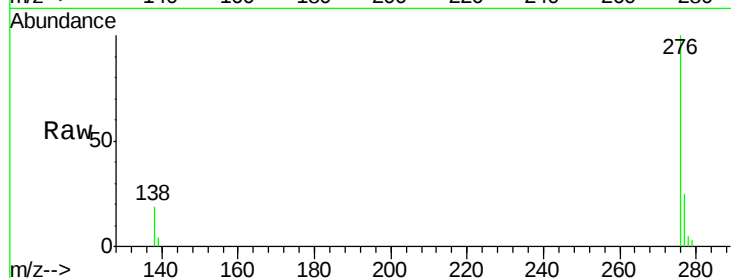
Acq: 8 Nov 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 9389

Ion Ratio Lower Upper

276 100

277 24.9 22.1 33.1

138 18.5 19.3 28.9#

