

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098983.D
 Acq On : 15 Mar 2019 22:59
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 16 00:53:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	875	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4132	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2738	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6439	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7169	0.40	ng	0.00
34) Perylene-d12	23.90	264	6847	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	799	0.31	ng	0.02
5) Phenol-d6	7.00	99	1272	0.34	ng	0.01
8) Nitrobenzene-d5	8.98	82	1443	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2892	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	359	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4232	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	35745	0.35	ng	0.00
29) Terphenyl-d14	19.85	244	6633	0.38	ng	0.00

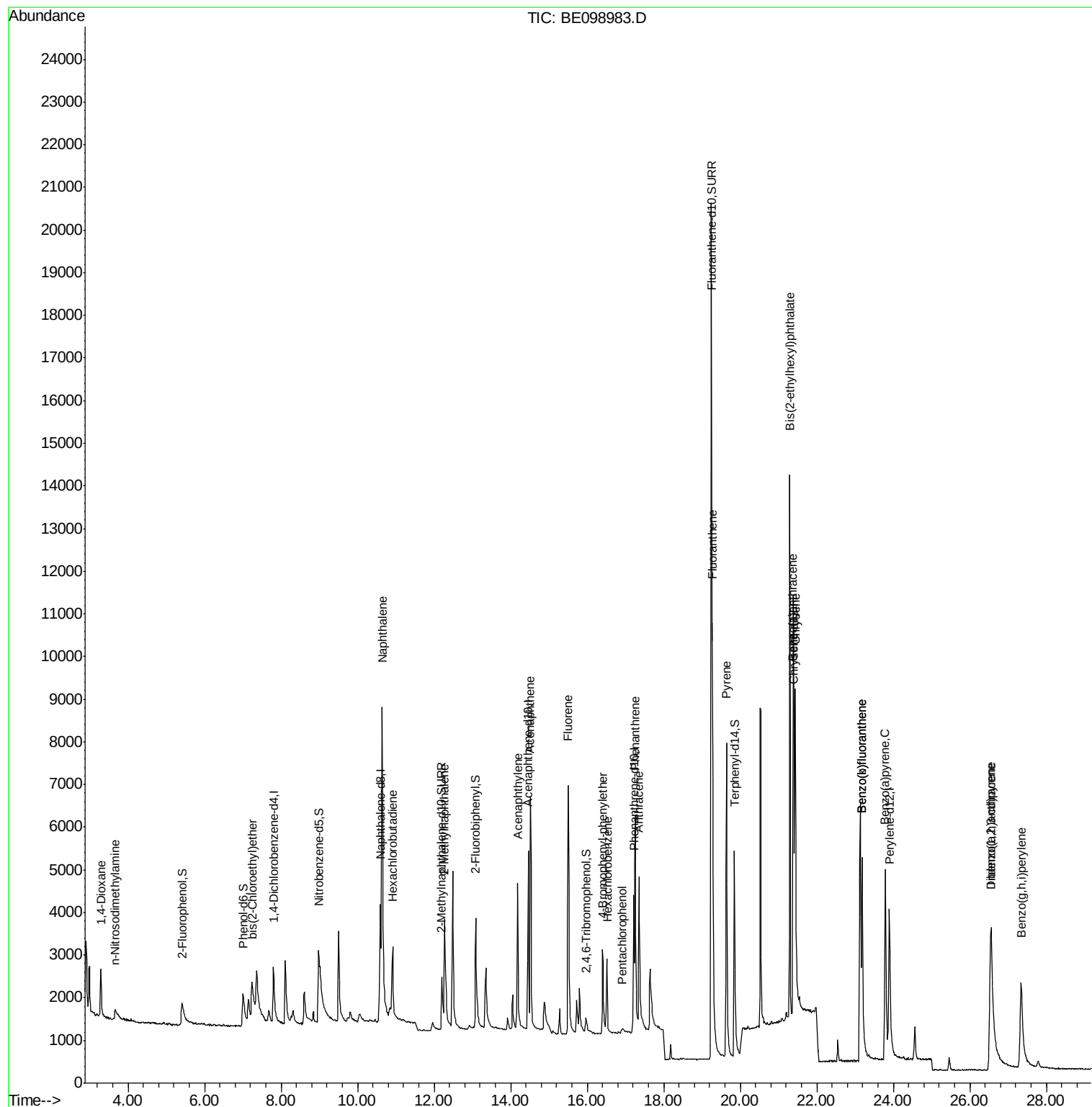
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	793	0.484	ng	91
3) n-Nitrosodimethylamine	3.66	42	223	0.101	ng	# 78
6) bis(2-Chloroethyl)ether	7.24	93	935	0.328	ng	83
9) Naphthalene	10.64	128	18735	0.396	ng	99
10) Hexachlorobutadiene	10.91	225	1212	0.387	ng	96
12) 2-Methylnaphthalene	12.27	142	2755	0.359	ng	97
16) Acenaphthylene	14.18	152	5109	0.363	ng	98
17) Acenaphthene	14.51	154	3180	0.381	ng	97
18) Fluorene	15.50	166	4354	0.361	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1334	0.382	ng	# 78
21) Hexachlorobenzene	16.52	284	1601	0.386	ng	97
22) Pentachlorophenol	16.91	266	141	0.364	ng	98
23) Phenanthrene	17.26	178	7018	0.383	ng	99
24) Anthracene	17.35	178	5077	0.325	ng	100
26) Fluoranthene	19.27	202	8935	0.346	ng	100
28) Pyrene	19.64	202	9115	0.416	ng	100
30) Benzo(a)anthracene	21.38	228	8168	0.365	ng	99
31) Chrysene	21.44	228	8972	0.375	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	14536	0.305	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	8682	0.344	ng	# 89
35) Benzo(b)fluoranthene	23.18	252	9541	0.424	ng	98
36) Benzo(k)fluoranthene	23.18	252	9758	0.414	ng	99
37) Benzo(a)pyrene	23.79	252	8625	0.400	ng	# 83
38) Dibenzo(a,h)anthracene	26.57	278	6135	0.300	ng	95
39) Benzo(g,h,i)perylene	27.34	276	6922	0.324	ng	98

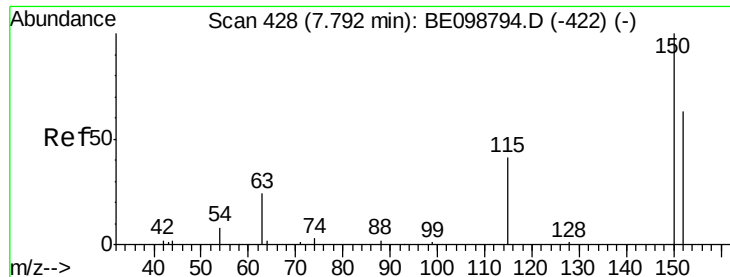
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
Data File : BE098983.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 16 00:53:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



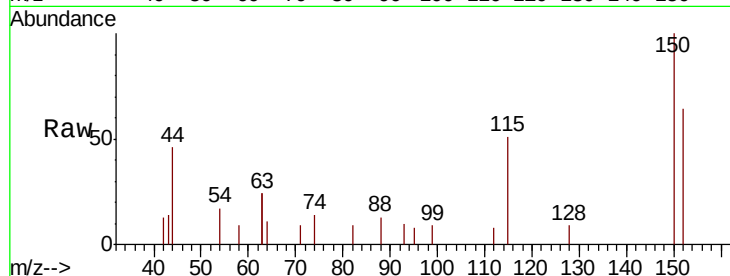


#1

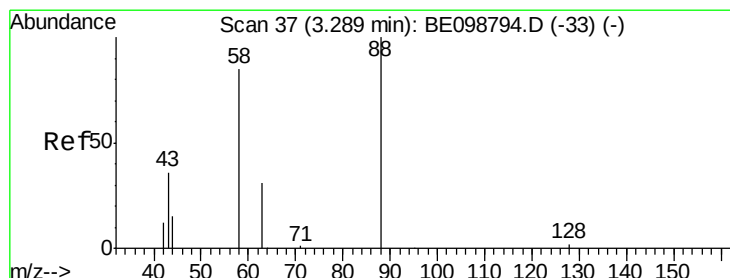
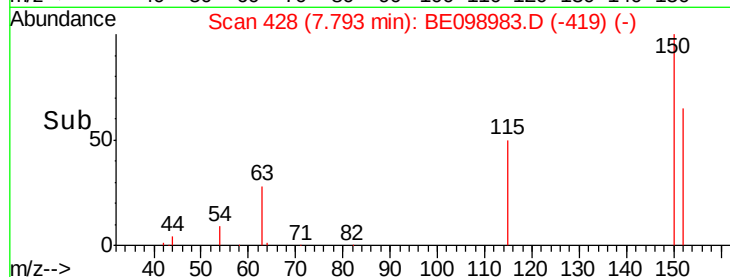
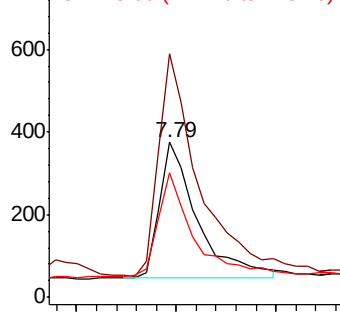
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 875
Ion Ratio Lower Upper
152 100
150 157.1 122.5 183.7
115 80.3 57.4 86.2



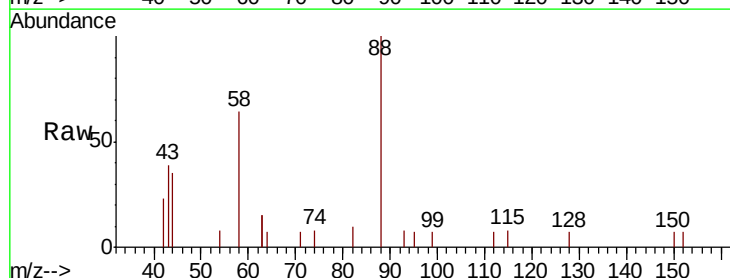
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



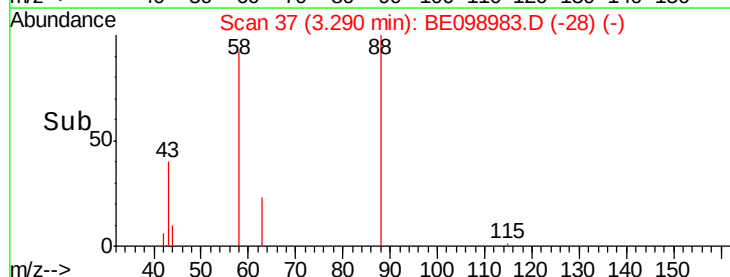
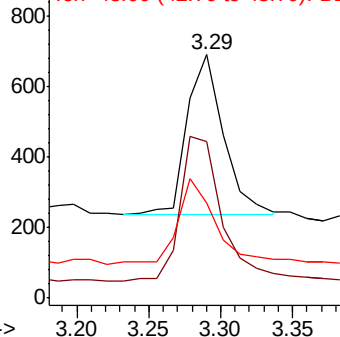
#2

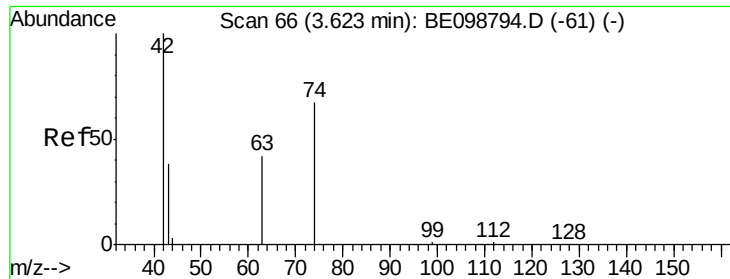
1,4-Dioxane
Concen: 0.484 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion: 88 Resp: 793
Ion Ratio Lower Upper
88 100
58 104.3 75.8 113.6
43 58.0 41.8 62.8



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: 0.101 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.04 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

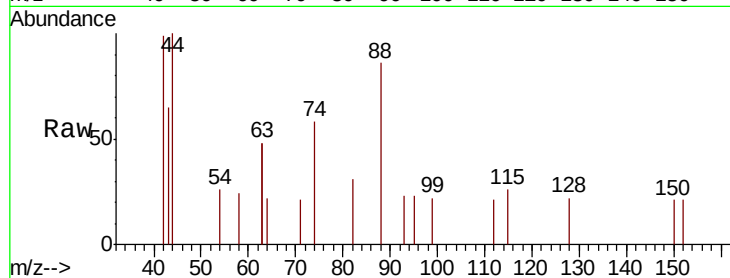
Tgt Ion: 42 Resp: 223

Ion Ratio Lower Upper

42 100

74 89.7 57.0 85.4#

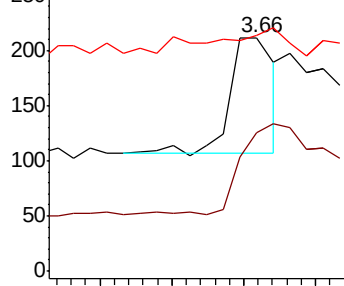
44 11.2 0.0 0.0#



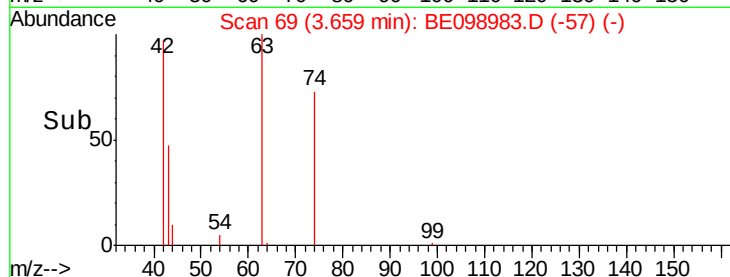
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.305 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

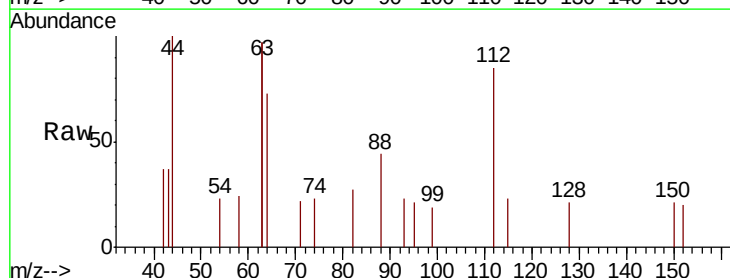
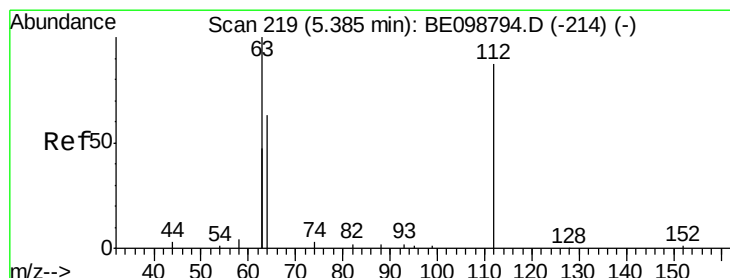
Tgt Ion: 112 Resp: 799

Ion Ratio Lower Upper

112 100

64 79.3 57.9 86.9

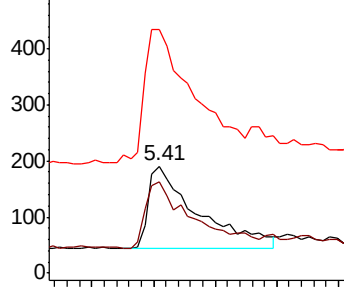
63 172.2 158.3 237.5



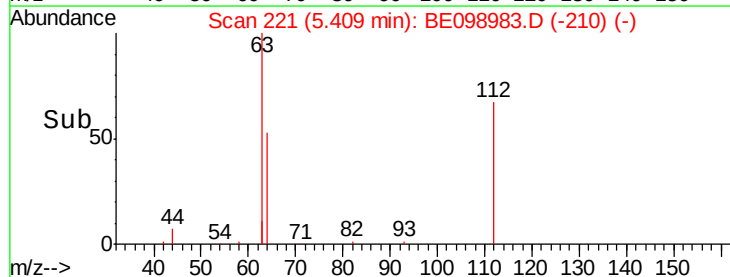
Abundance Ion 112.00 (111.70 to 112.70): E

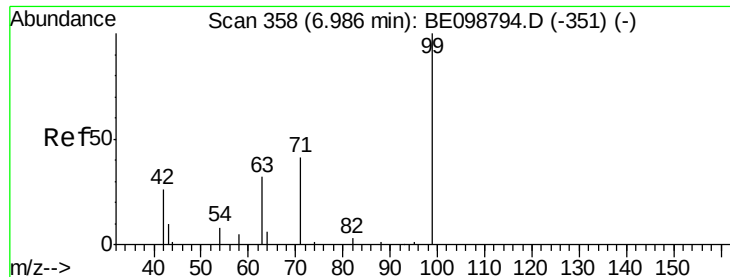
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.344 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

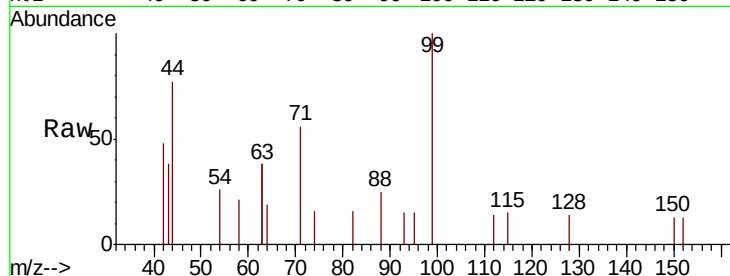
Tgt Ion: 99 Resp: 1272

Ion Ratio Lower Upper

99 100

42 33.4 24.2 36.2

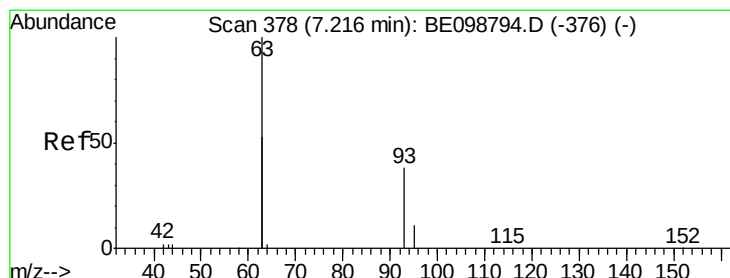
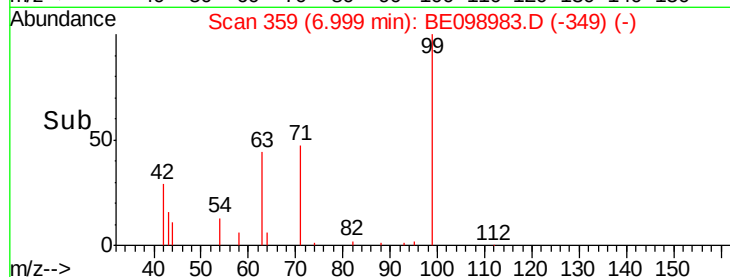
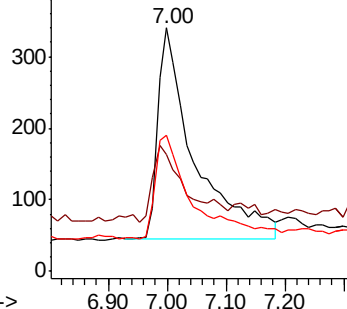
71 48.8 35.7 53.5



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: 0.328 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.02 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

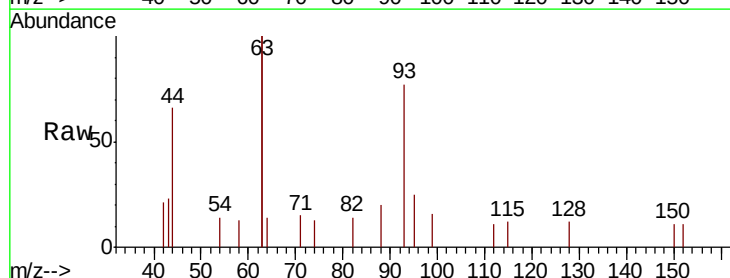
Tgt Ion: 93 Resp: 935

Ion Ratio Lower Upper

93 100

63 274.8 247.5 371.3

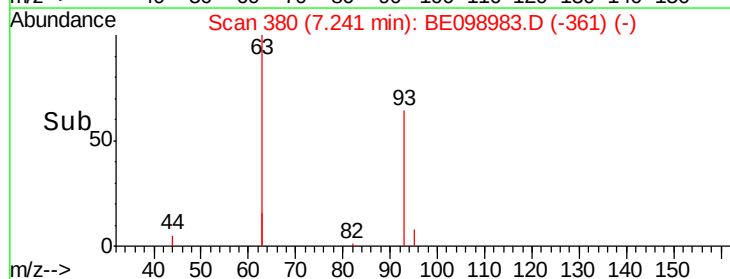
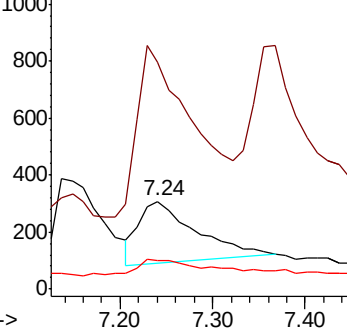
95 32.0 21.8 32.8

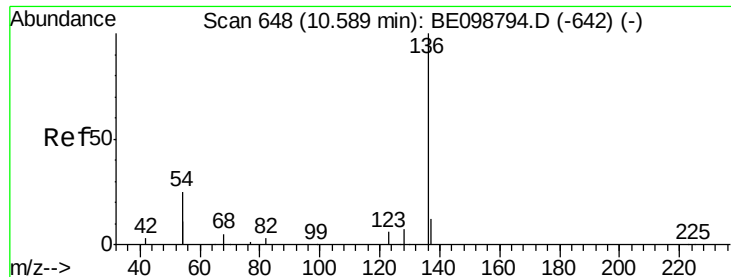


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 4132

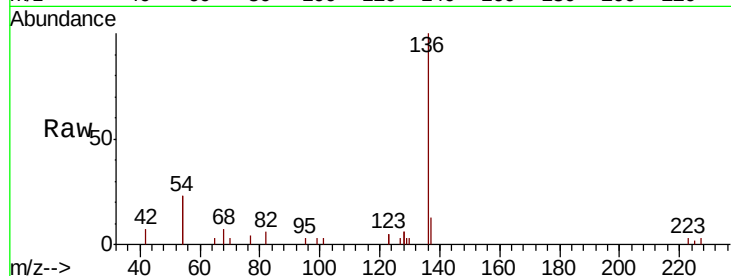
Ion Ratio Lower Upper

136 100

137 13.0 11.4 17.0

54 46.3 39.3 58.9

68 7.3 6.7 10.1

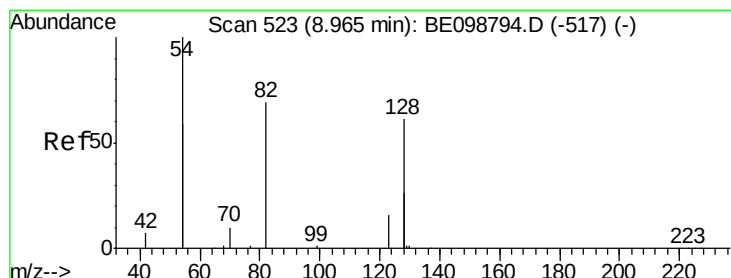
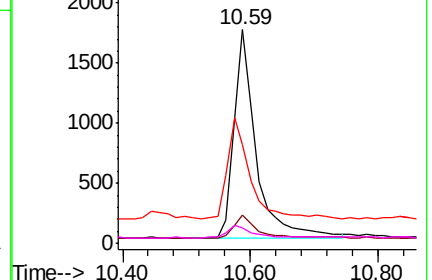
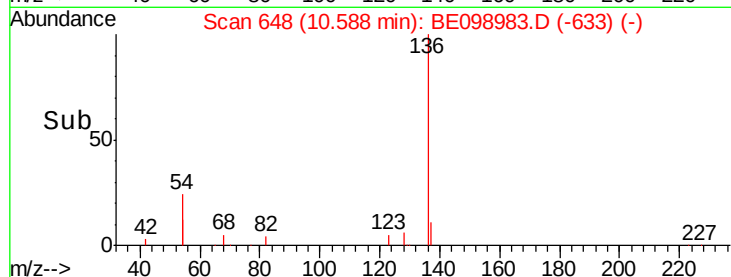


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

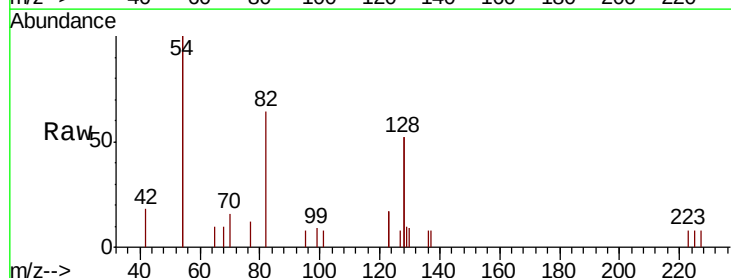
Tgt Ion: 82 Resp: 1443

Ion Ratio Lower Upper

82 100

128 161.2 123.8 185.8

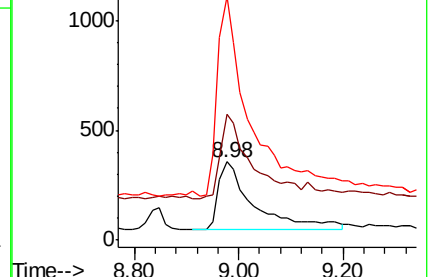
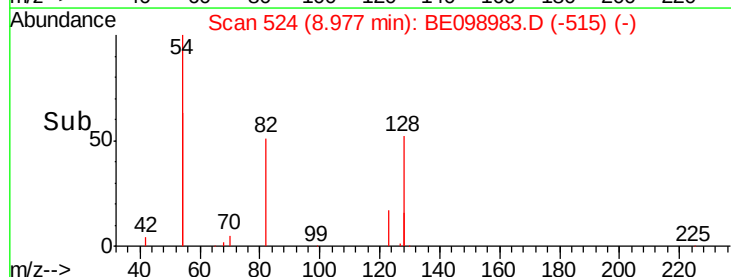
54 311.2 203.4 305.2#

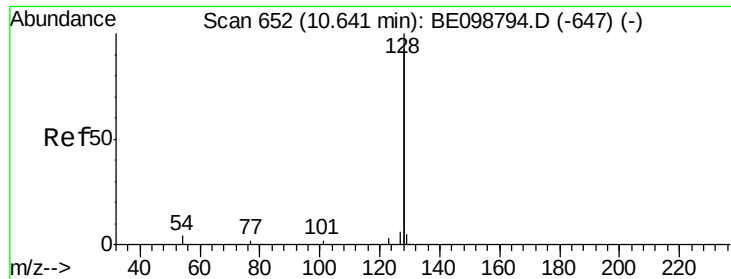


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.396 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

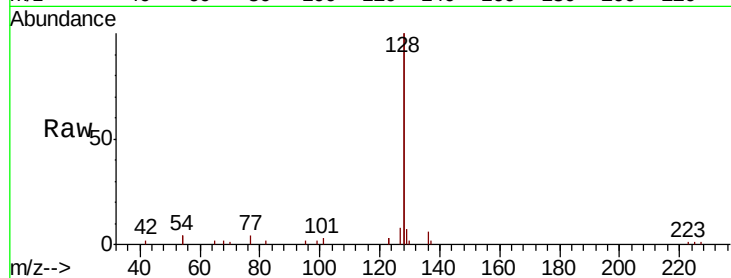
Tgt Ion:128 Resp: 18735

Ion Ratio Lower Upper

128 100

129 3.6 2.6 4.0

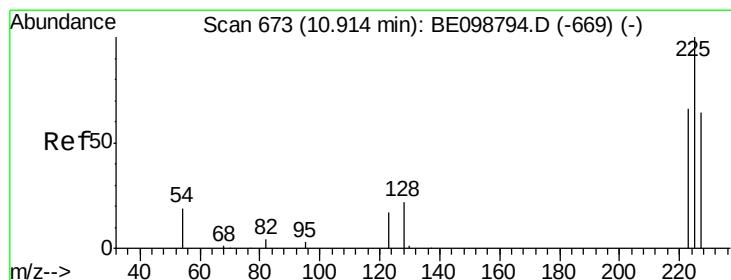
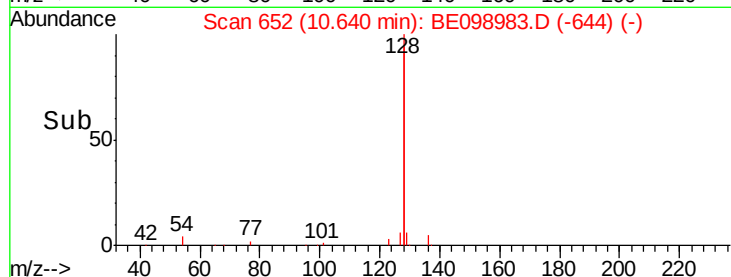
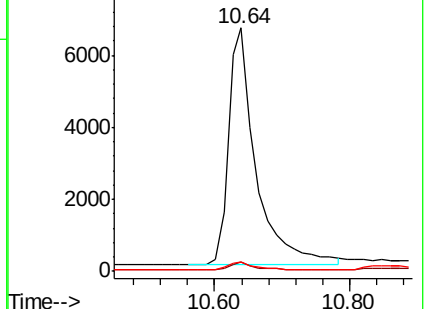
127 3.8 3.1 4.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.387 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

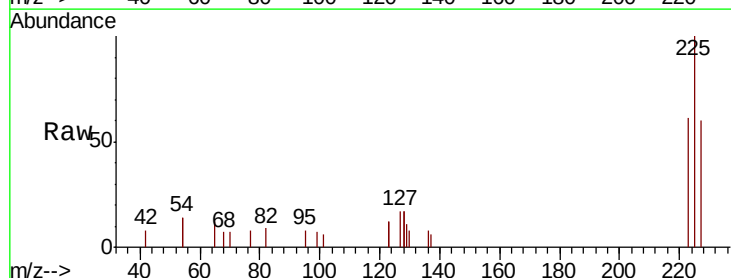
Tgt Ion:225 Resp: 1212

Ion Ratio Lower Upper

225 100

223 61.1 51.1 76.7

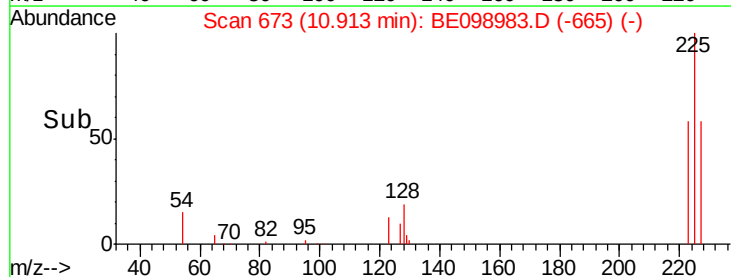
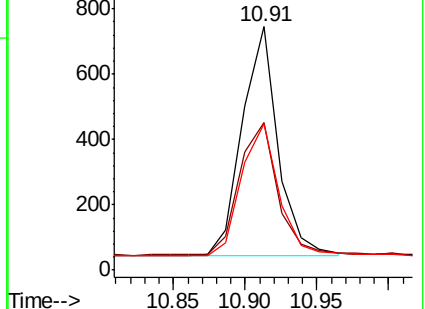
227 61.1 51.6 77.4

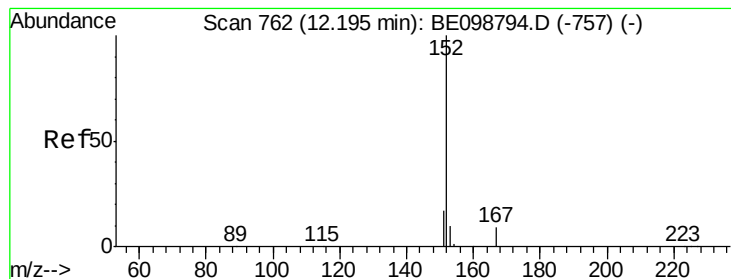


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

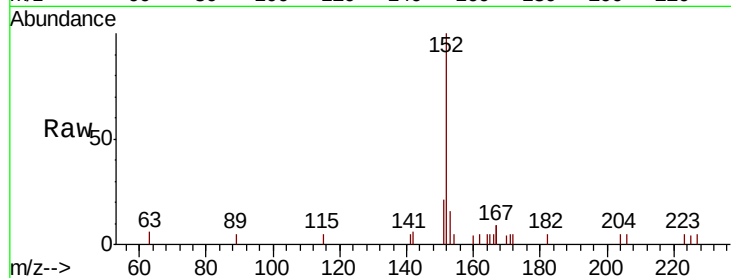
SSTDCCC0.4

Tgt Ion:152 Resp: 2892

Ion Ratio Lower Upper

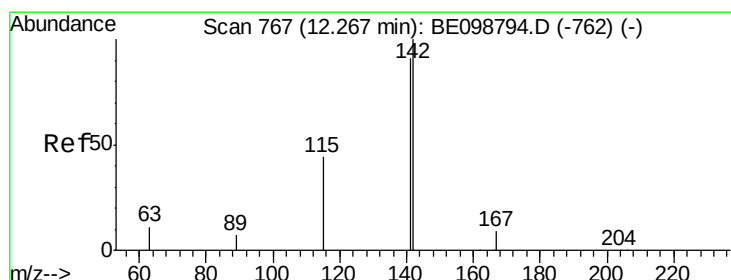
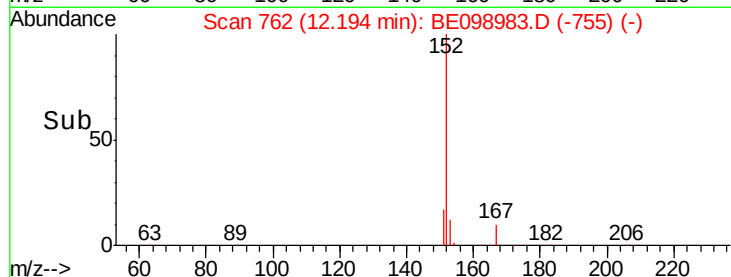
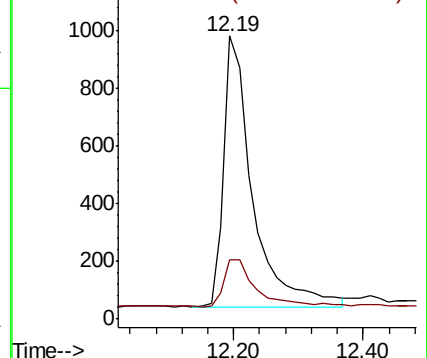
152 100

151 19.6 16.5 24.7



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: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

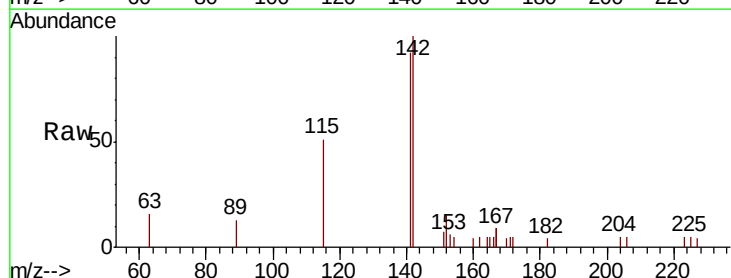
Tgt Ion:142 Resp: 2755

Ion Ratio Lower Upper

142 100

141 92.2 72.6 108.8

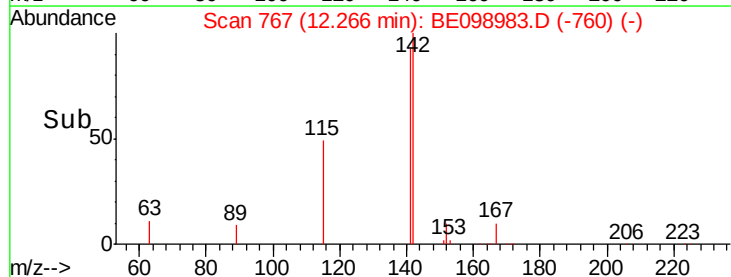
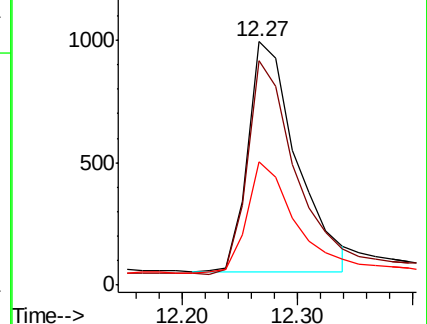
115 50.9 37.4 56.2

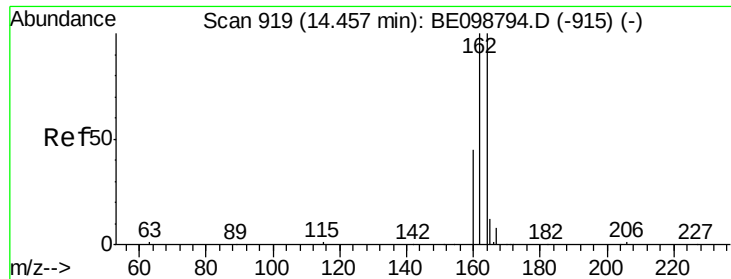


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

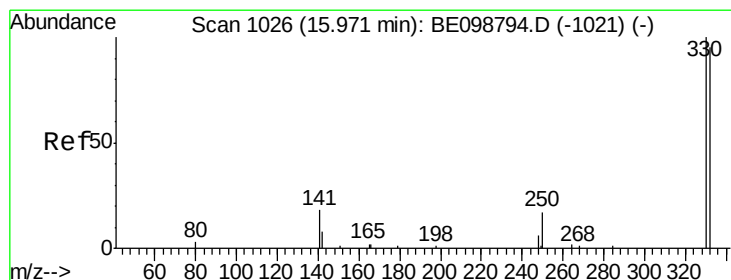
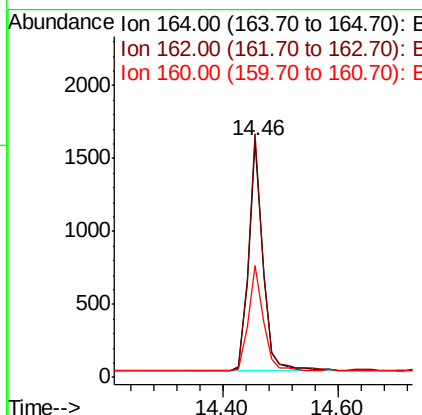
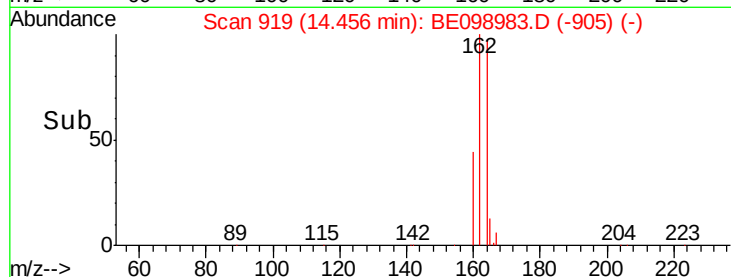
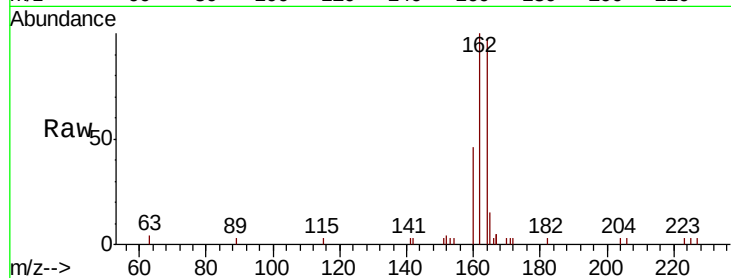




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

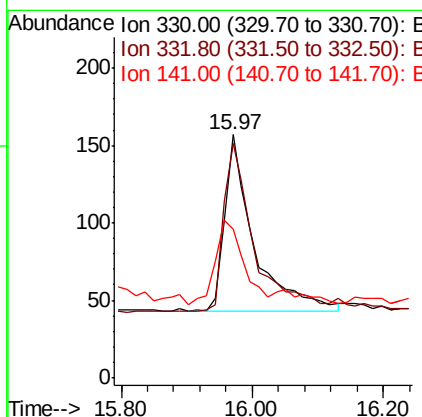
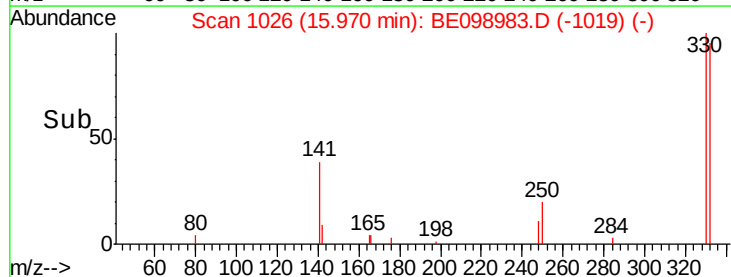
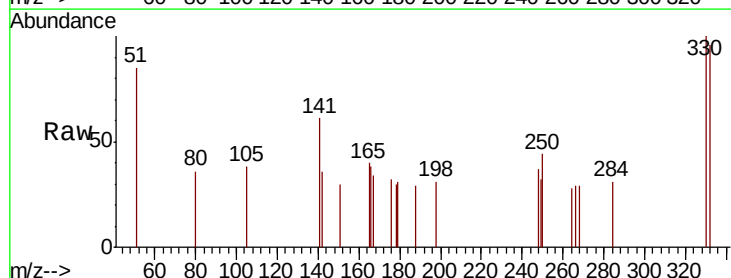
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

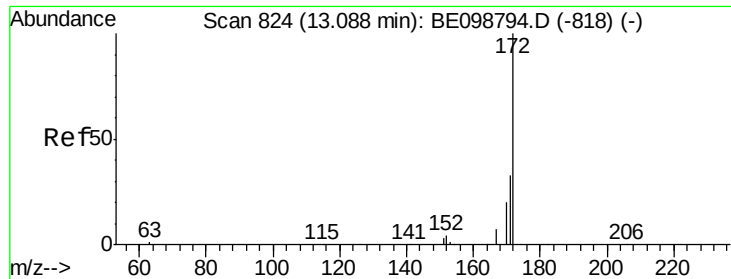
Tgt Ion:164 Resp: 2738
Ion Ratio Lower Upper
164 100
162 102.9 80.2 120.2
160 47.0 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.260 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:330 Resp: 359
Ion Ratio Lower Upper
330 100
332 98.6 77.6 116.4
141 46.0 31.0 46.4

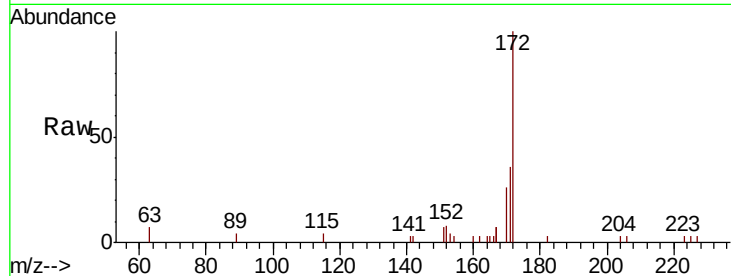




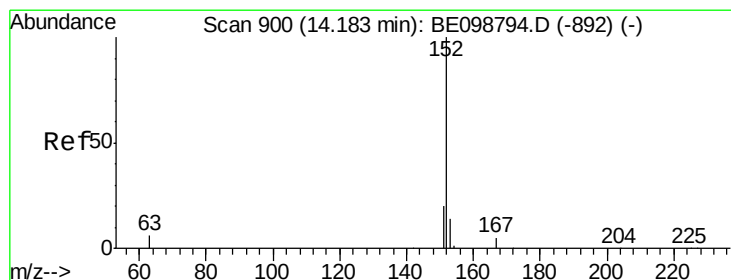
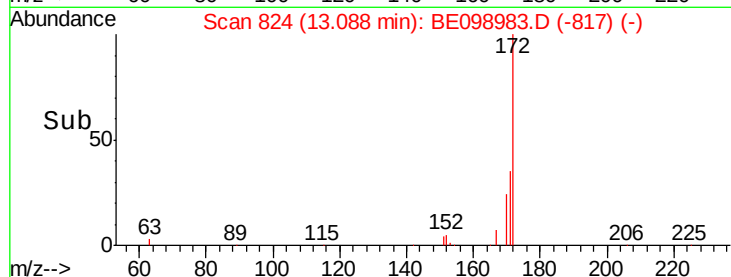
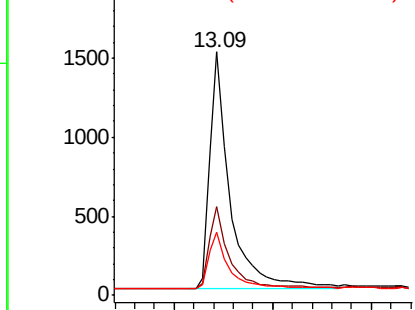
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4232
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 25.7 17.7 26.5

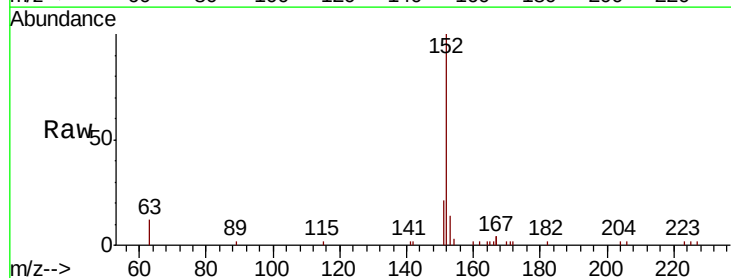


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

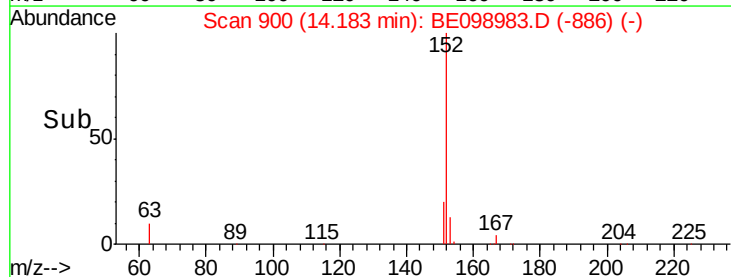
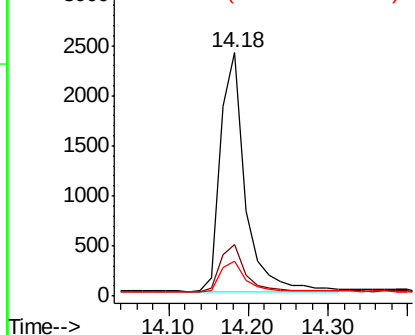


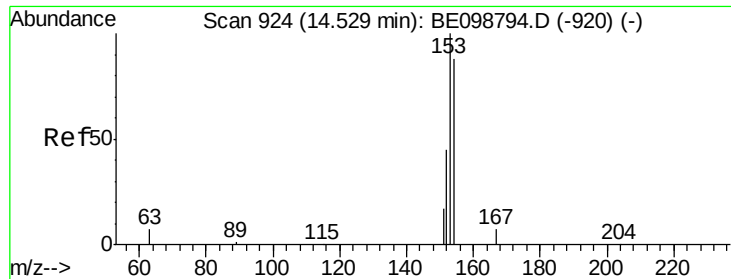
#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:152 Resp: 5109
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.6
153 13.5 11.2 16.8



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

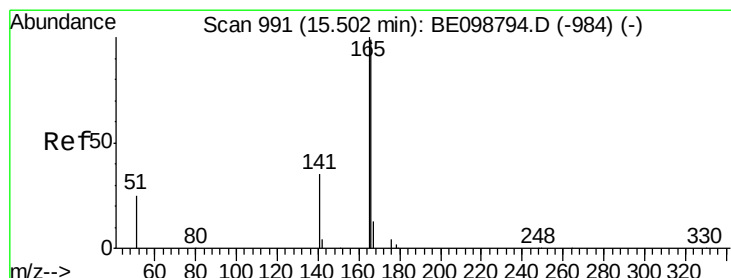
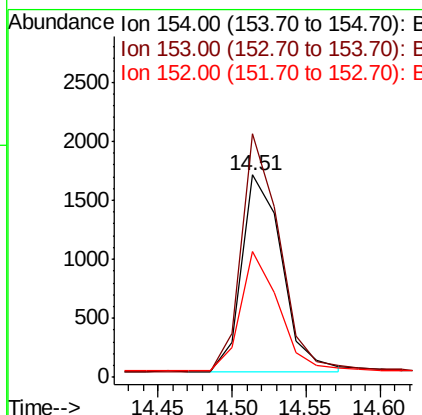
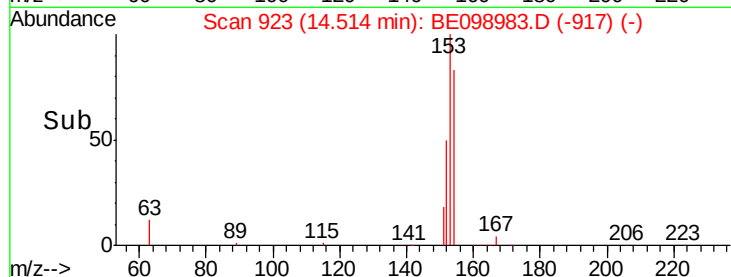
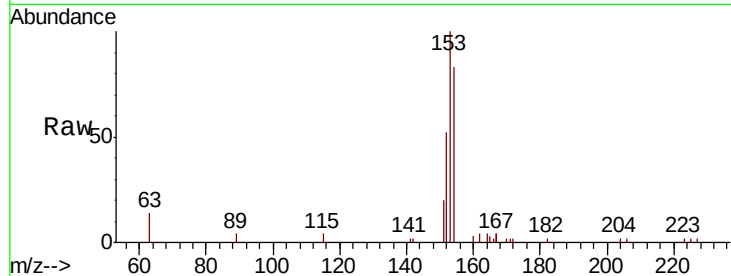




#17
Acenaphthene
Concen: 0.381 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

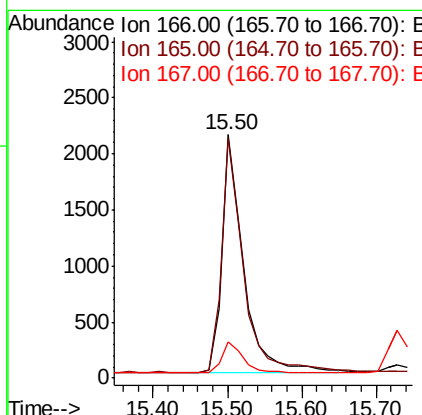
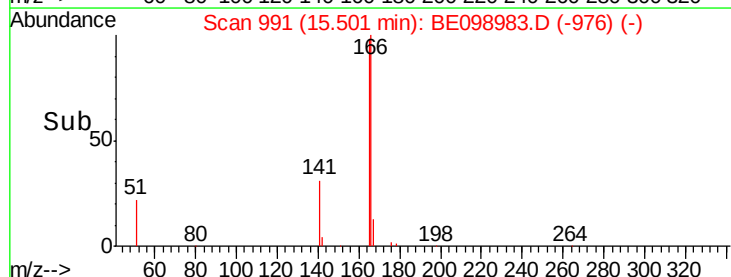
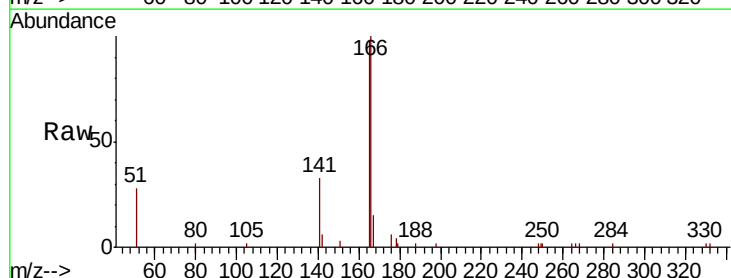
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

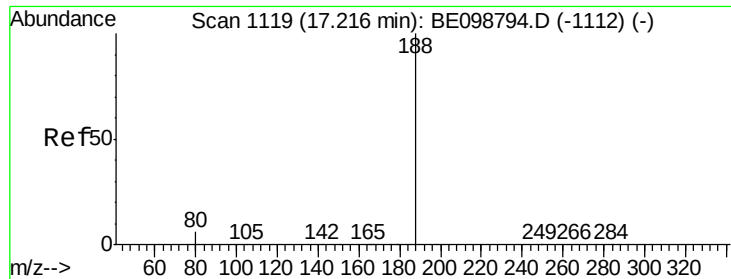
Tgt Ion:154 Resp: 3180
Ion Ratio Lower Upper
154 100
153 113.9 94.2 141.4
152 56.6 45.0 67.4



#18
Fluorene
Concen: 0.361 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:166 Resp: 4354
Ion Ratio Lower Upper
166 100
165 98.5 79.3 118.9
167 13.5 10.5 15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

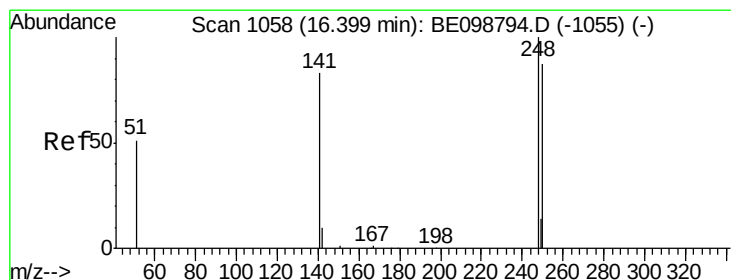
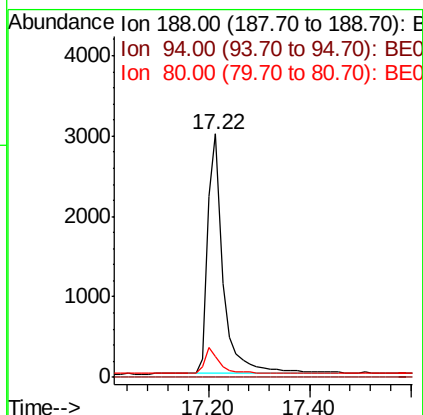
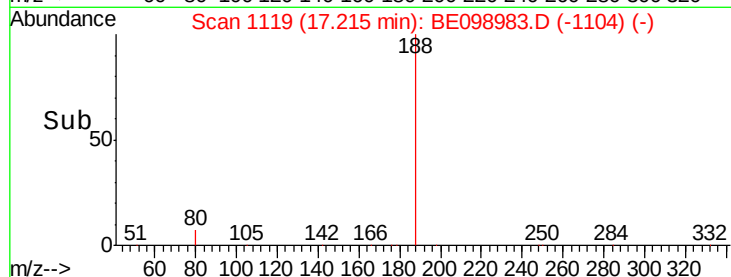
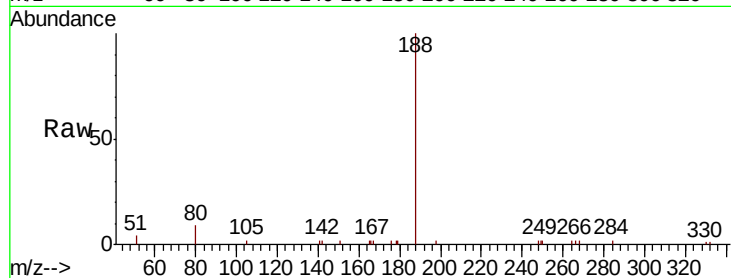
Tgt Ion:188 Resp: 6439

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.382 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

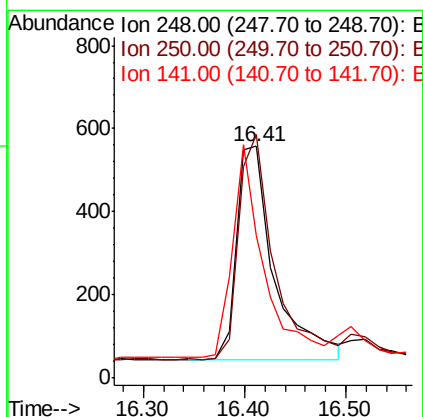
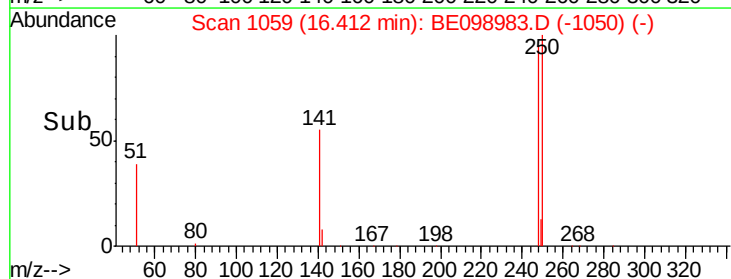
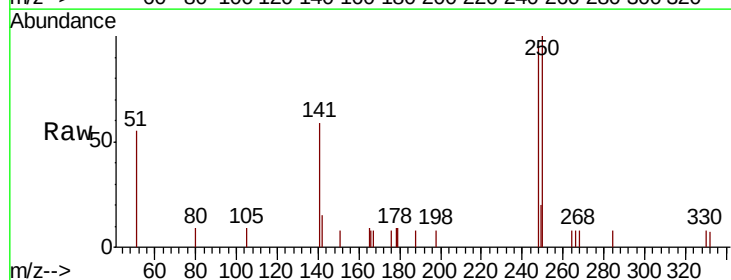
Tgt Ion:248 Resp: 1334

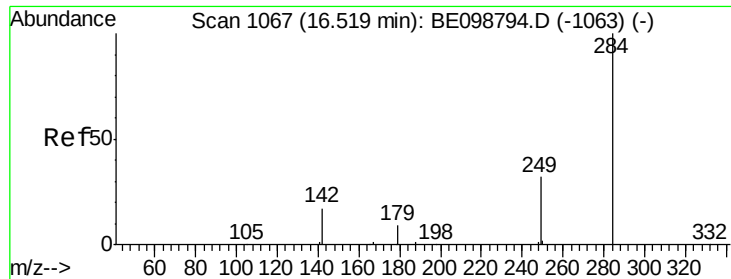
Ion Ratio Lower Upper

248 100

250 105.0 70.6 105.8

141 61.5 68.6 102.8#

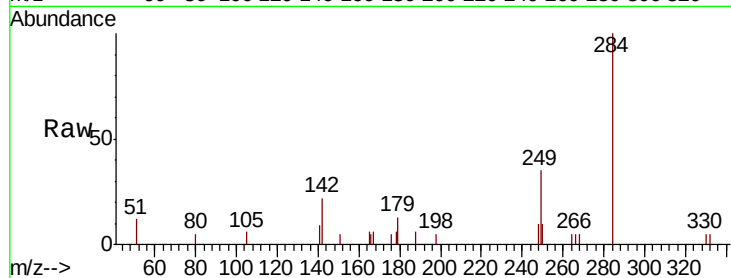




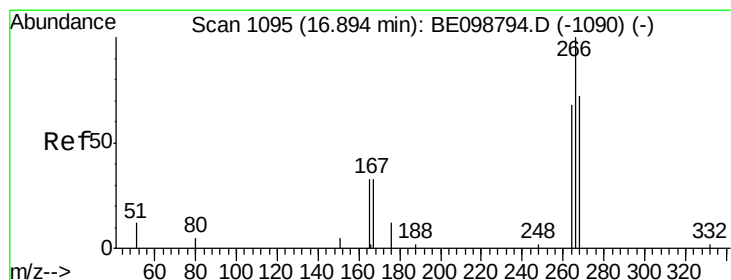
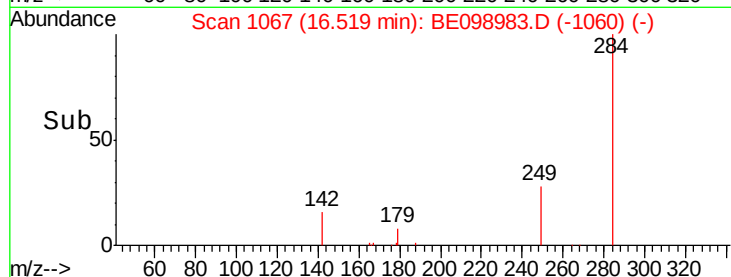
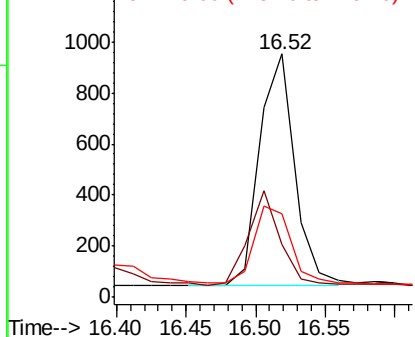
#21
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 1601
Ion Ratio Lower Upper
284 100
142 36.4 28.7 43.1
249 34.2 29.6 44.4

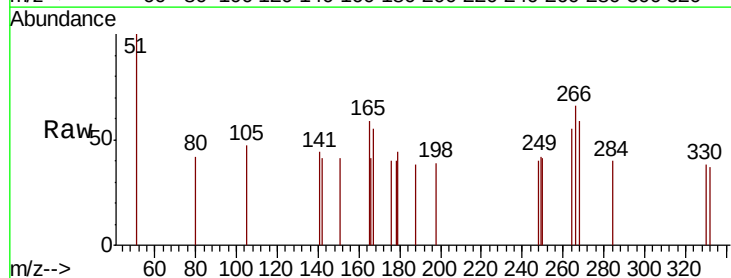


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

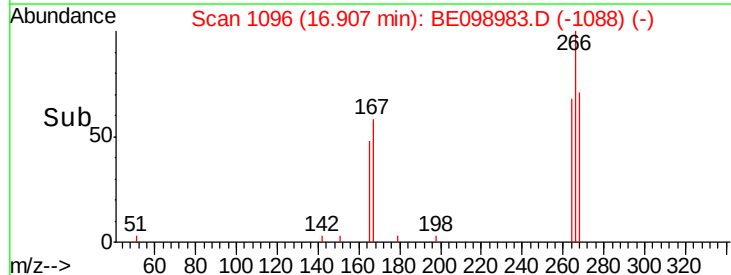
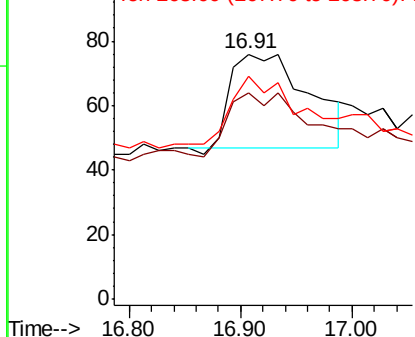


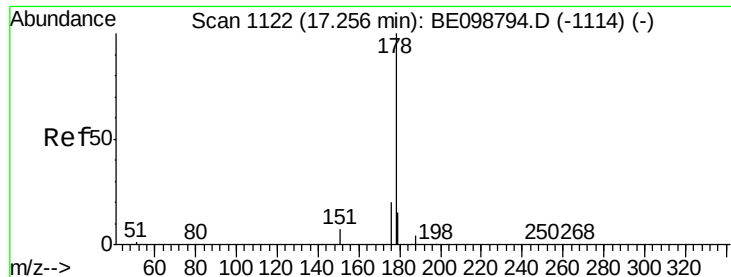
#22
Pentachlorophenol
Concen: 0.364 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion: 266 Resp: 141
Ion Ratio Lower Upper
266 100
264 84.2 66.6 100.0
268 90.8 69.8 104.8



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: 0.383 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

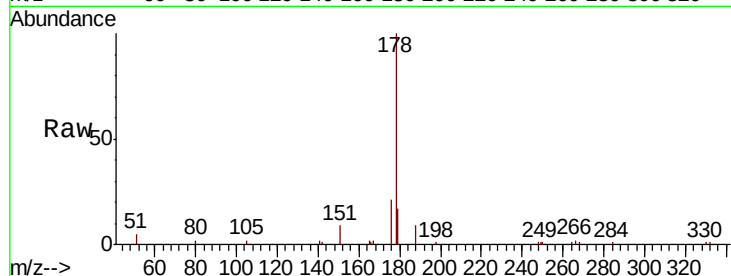
Tgt Ion:178 Resp: 7018

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

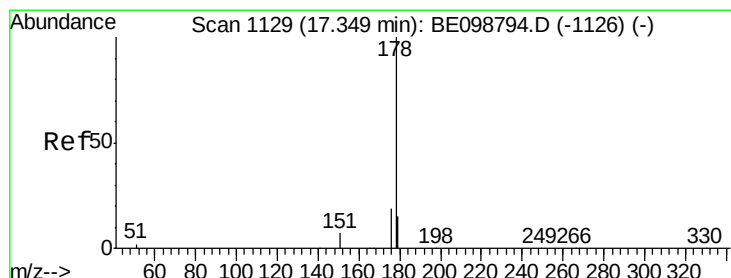
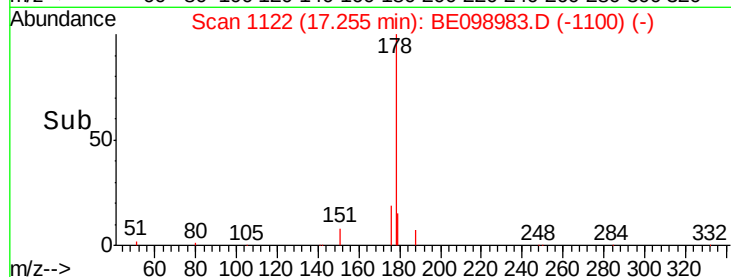
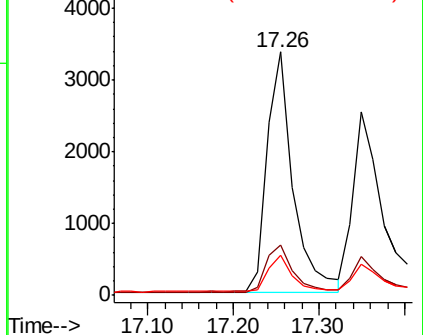
179 14.9 12.1 18.1



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: 0.325 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

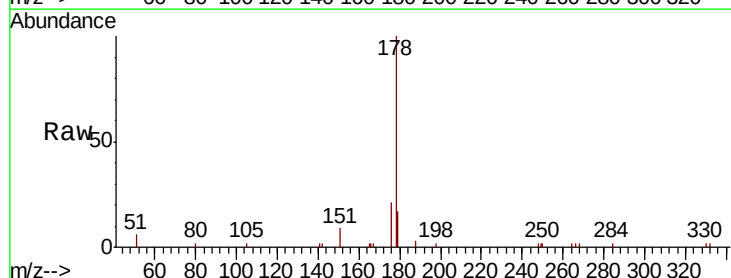
Tgt Ion:178 Resp: 5077

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

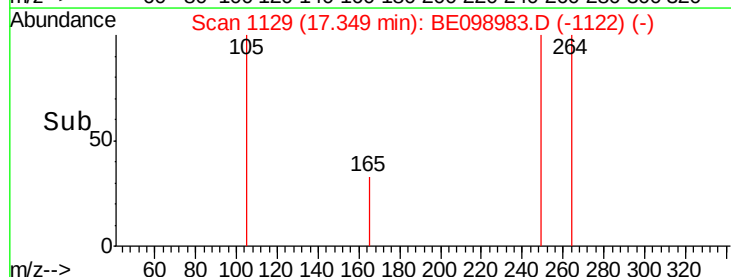
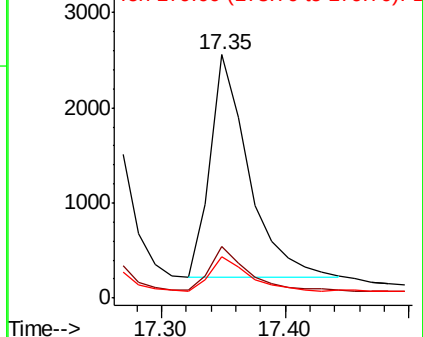
179 15.3 12.2 18.4

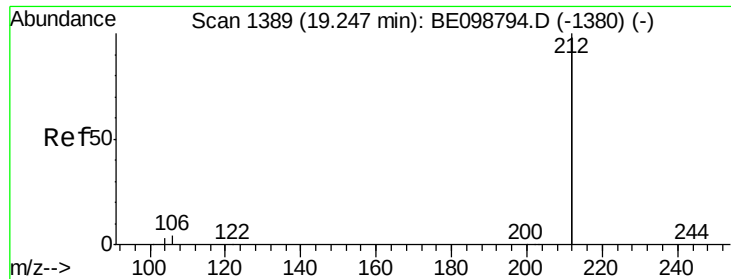


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

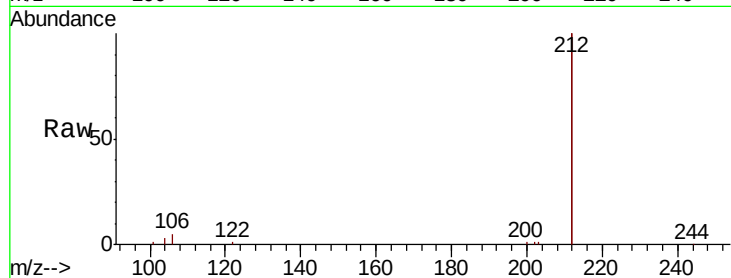
Tgt Ion:212 Resp: 35745

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

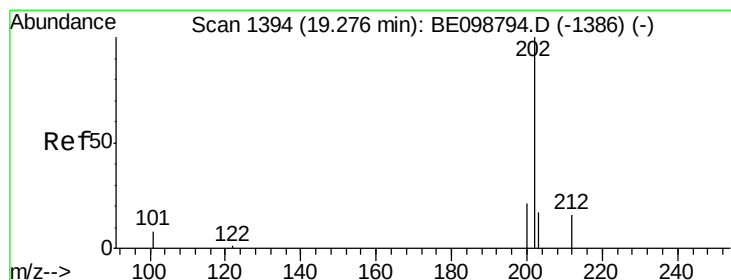
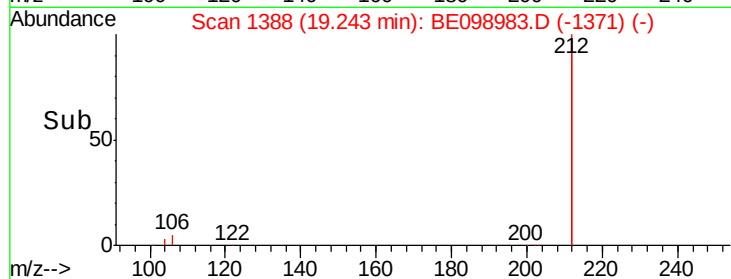
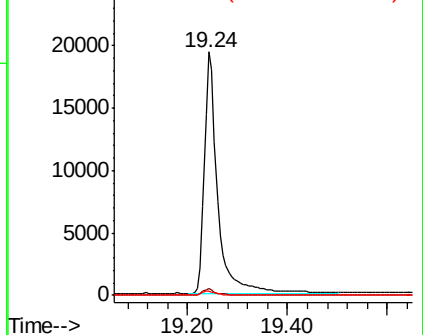
104 1.4 1.0 1.6



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.346 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

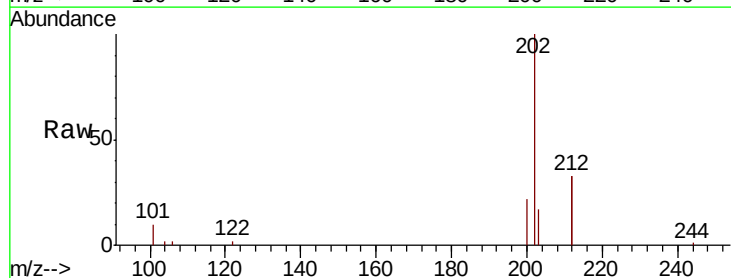
Tgt Ion:202 Resp: 8935

Ion Ratio Lower Upper

202 100

101 8.9 7.3 10.9

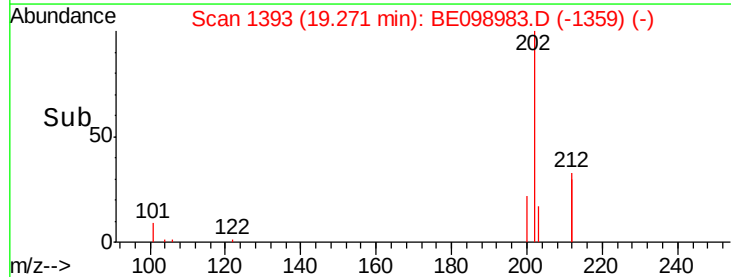
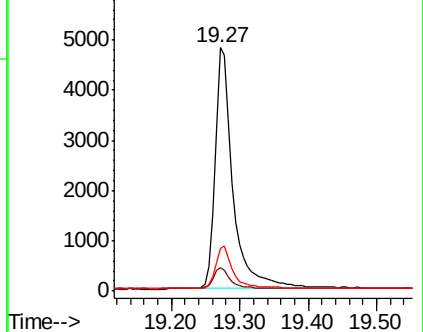
203 16.7 13.4 20.2

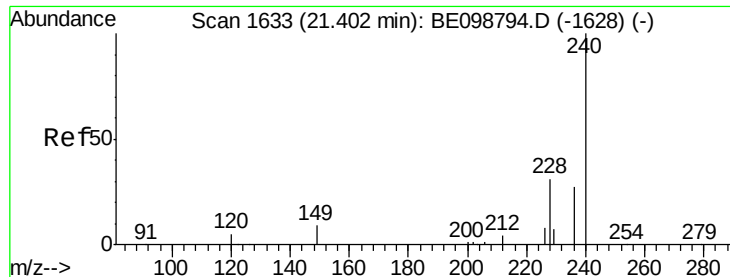


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

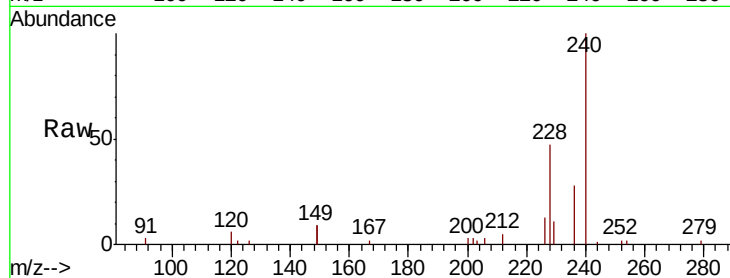
Tgt Ion:240 Resp: 7169

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

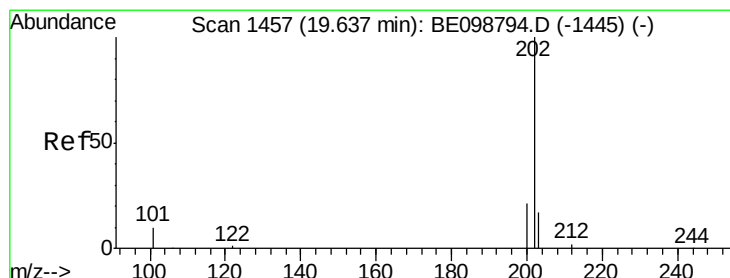
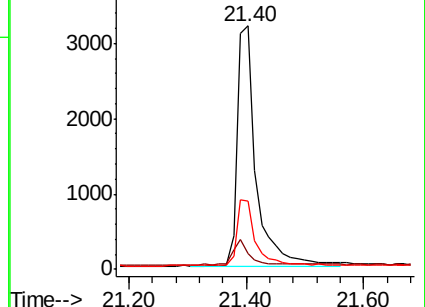
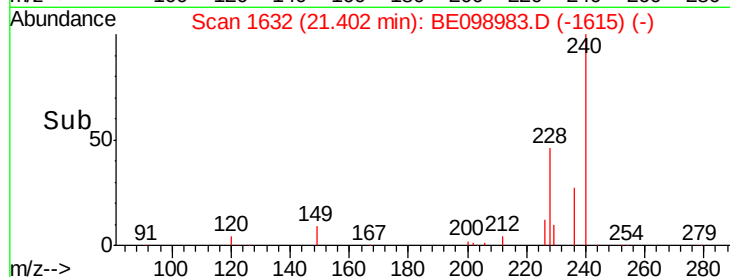
236 28.0 22.7 34.1



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: 0.416 ng

RT: 19.64 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

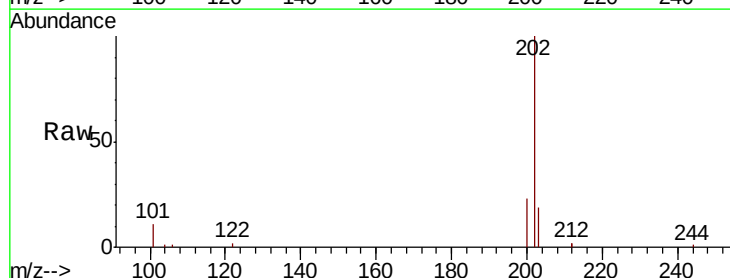
Tgt Ion:202 Resp: 9115

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

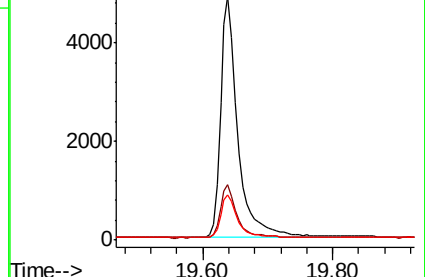
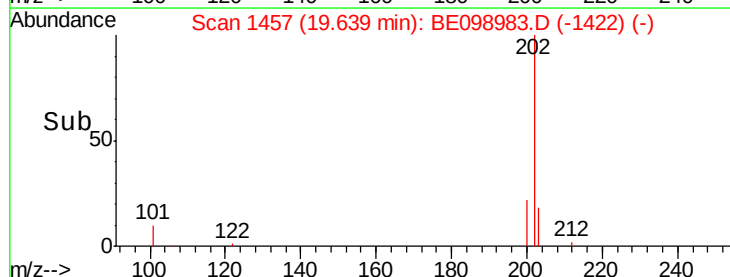
203 17.6 14.2 21.2

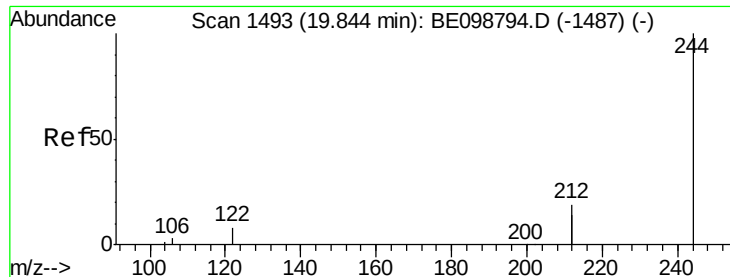


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

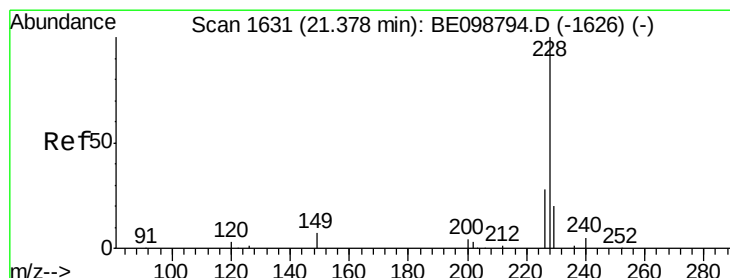
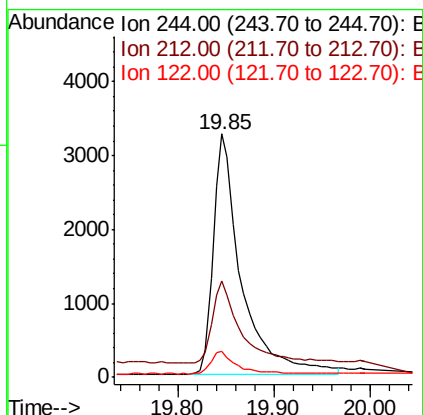
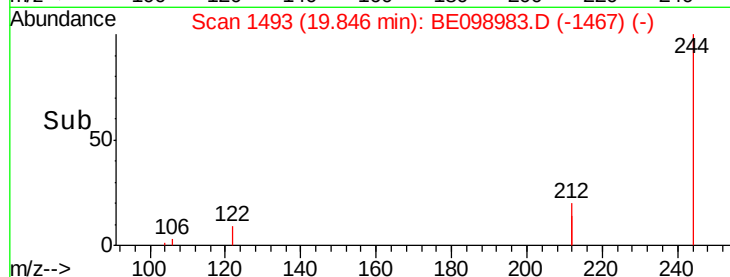
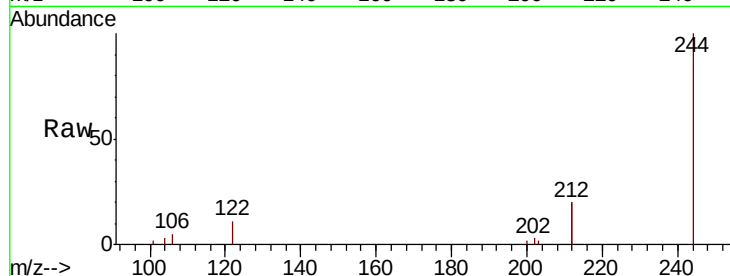
Tgt Ion:244 Resp: 6633

Ion Ratio Lower Upper

244 100

212 39.7 29.4 44.2

122 10.8 7.1 10.7#



#30

Benzo(a)anthracene

Concen: 0.365 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

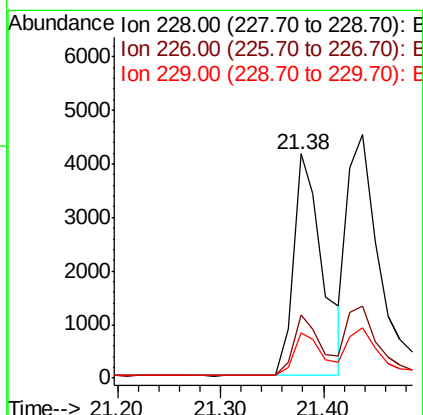
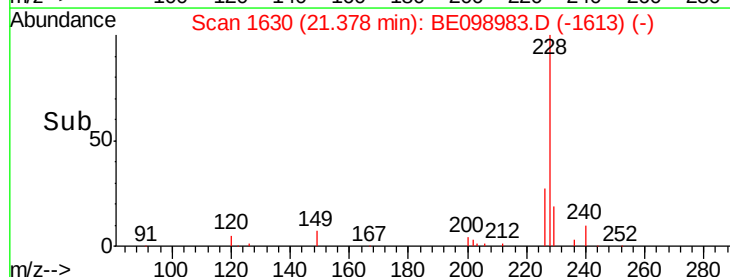
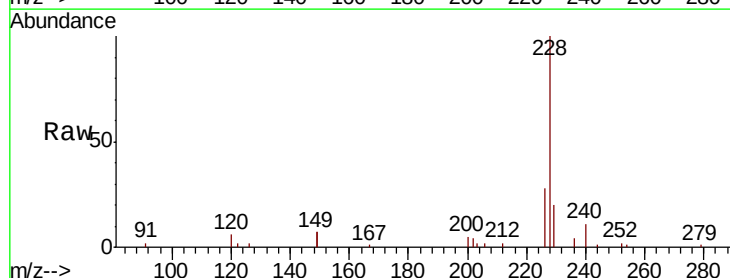
Tgt Ion:228 Resp: 8168

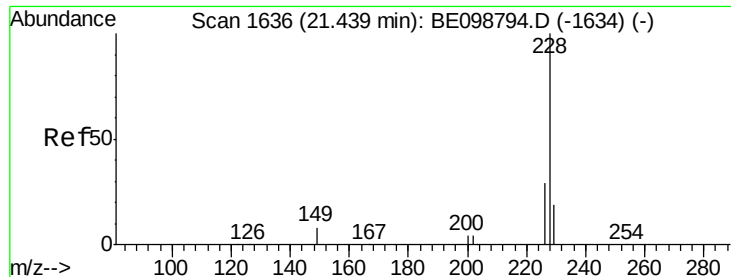
Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.4

229 20.2 16.5 24.7





#31

Chrysene

Concen: 0.375 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

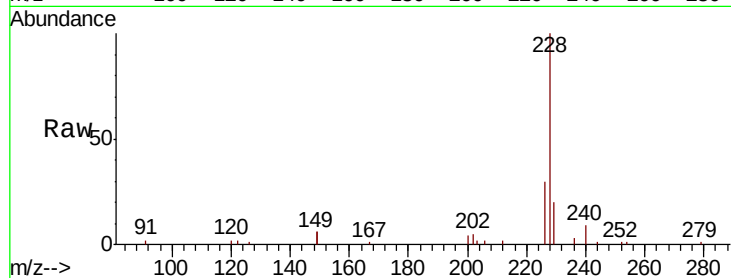
Tgt Ion:228 Resp: 8972

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

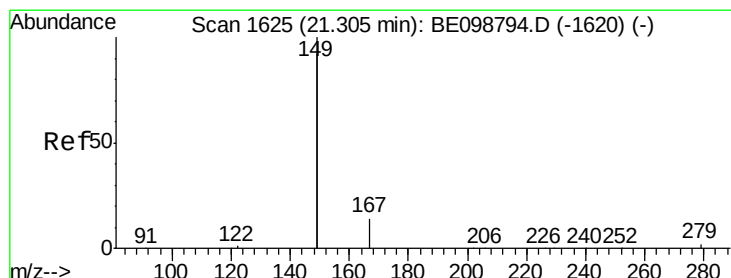
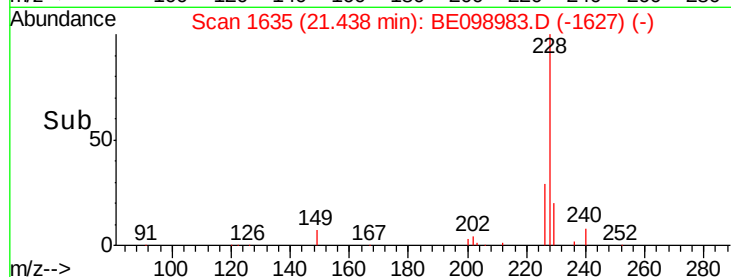
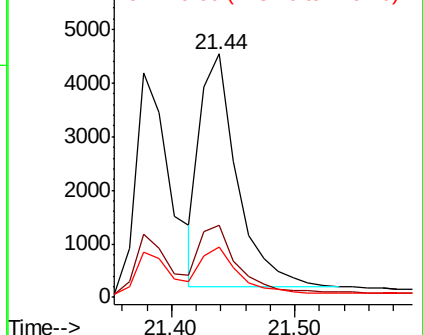
229 20.4 16.1 24.1



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: 0.305 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

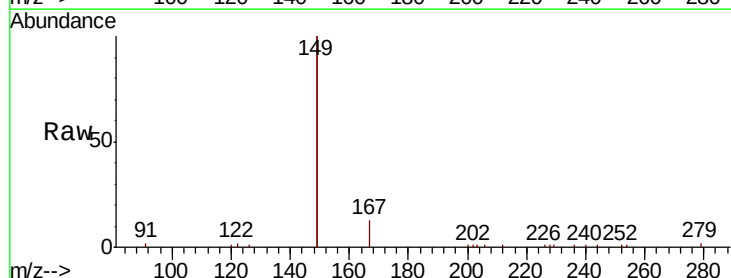
Tgt Ion:149 Resp: 14536

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

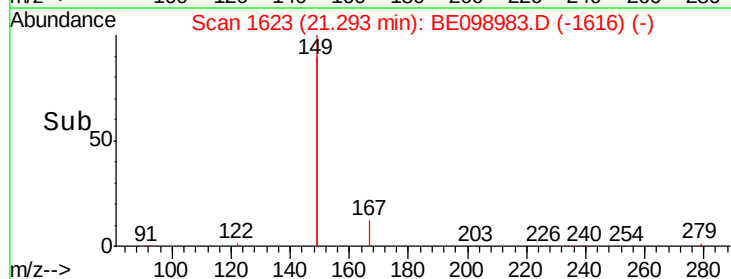
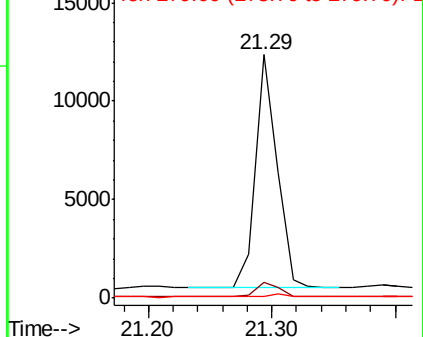
279 1.2 1.0 1.4

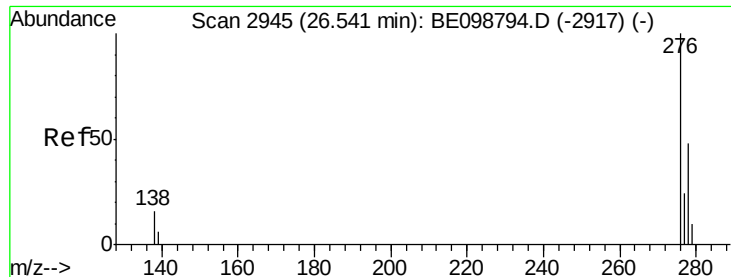


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.344 ng

RT: 26.54 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

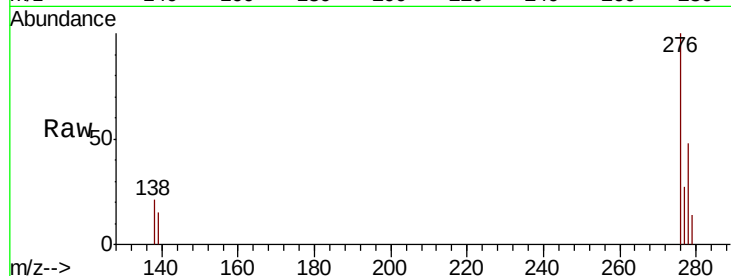
Tgt Ion:276 Resp: 8682

Ion Ratio Lower Upper

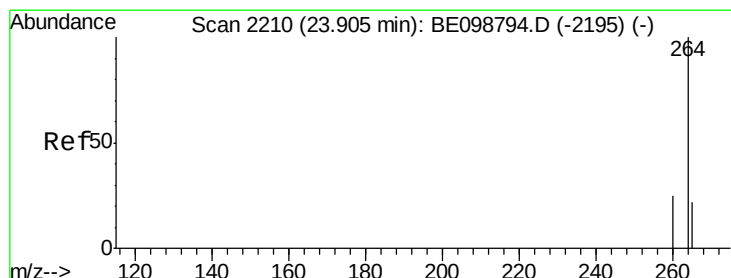
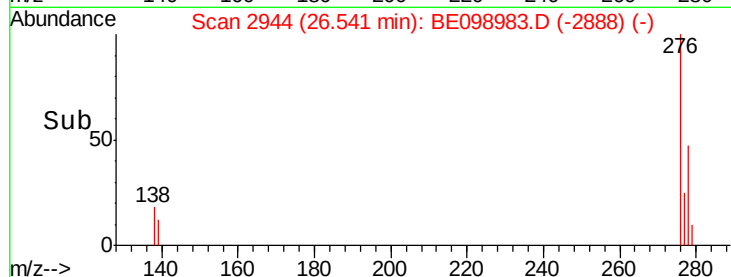
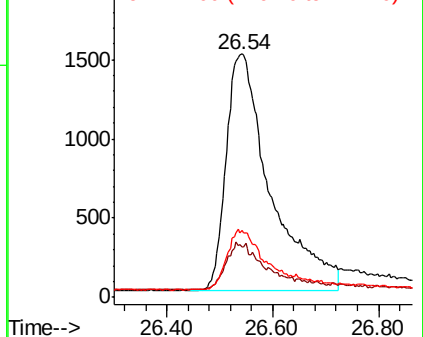
276 100

138 7.6 13.8 20.8#

277 22.7 19.5 29.3



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: 23.90 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

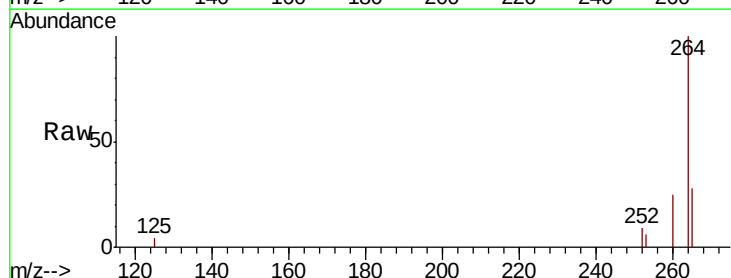
Tgt Ion:264 Resp: 6847

Ion Ratio Lower Upper

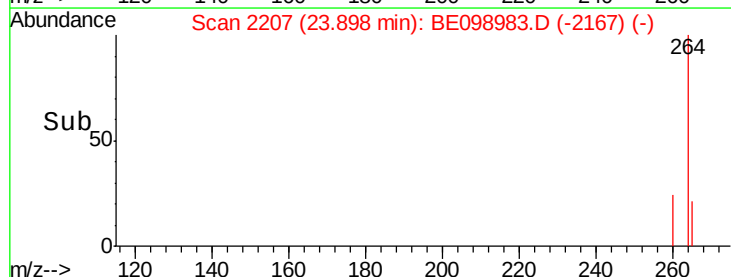
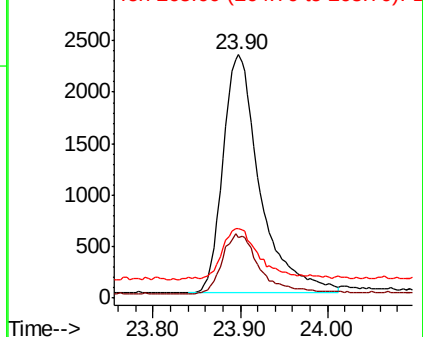
264 100

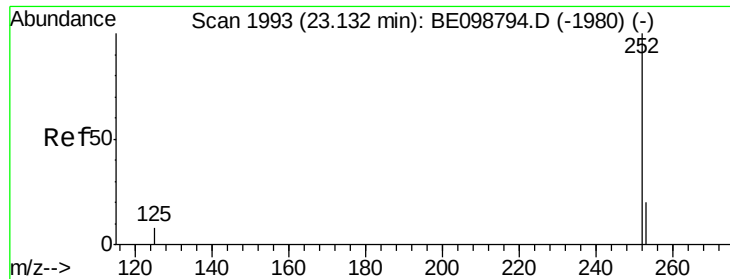
260 25.1 21.2 31.8

265 28.5 24.6 36.8



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: 0.424 ng

RT: 23.18 min Scan# 2005

Delta R.T. 0.05 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

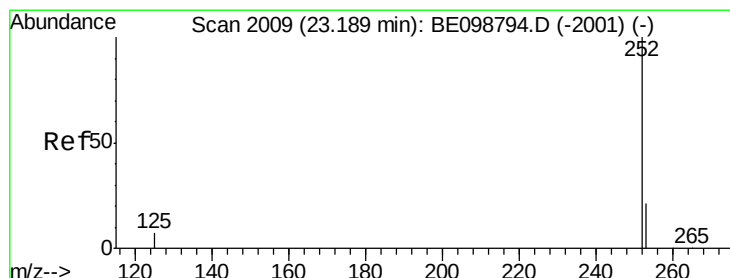
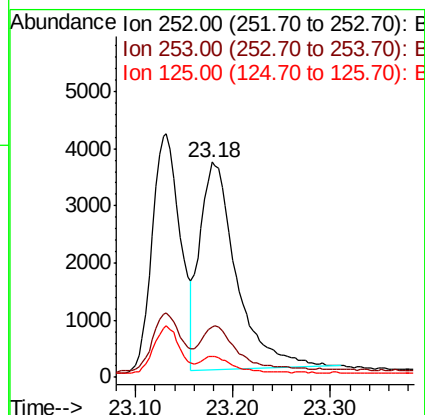
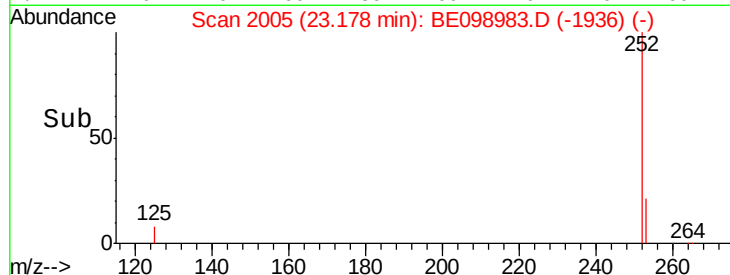
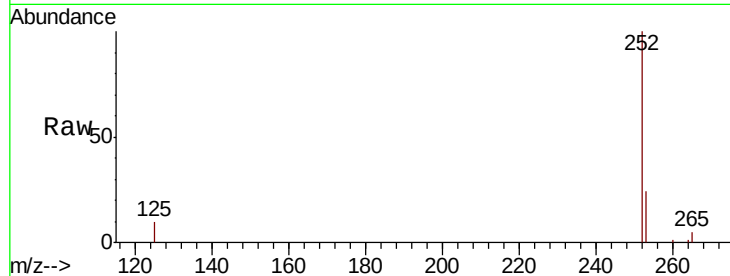
Tgt Ion:252 Resp: 9541

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

125 9.5 7.3 10.9



#36

Benzo(k)fluoranthene

Concen: 0.414 ng

RT: 23.18 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

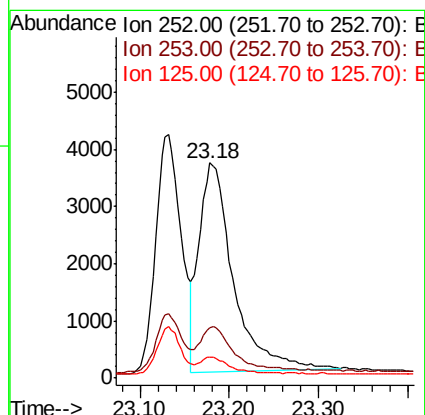
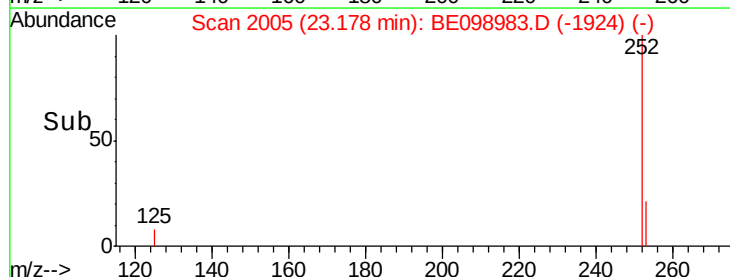
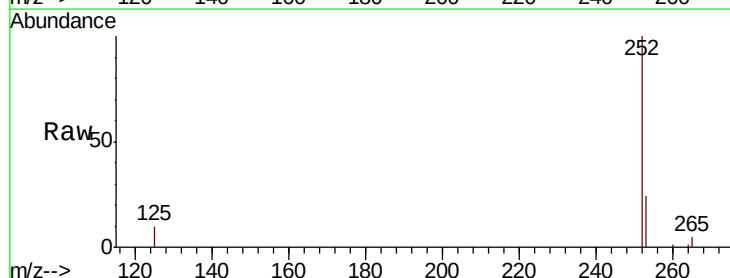
Tgt Ion:252 Resp: 9758

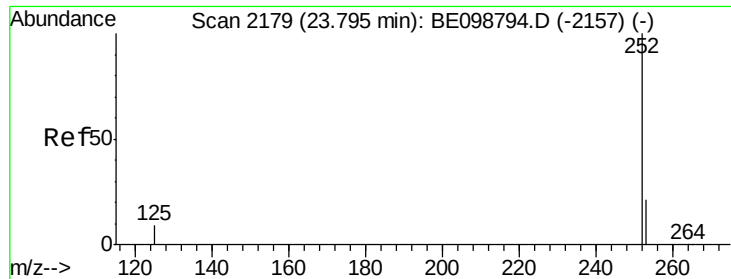
Ion Ratio Lower Upper

252 100

253 23.6 19.3 28.9

125 9.5 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.79 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

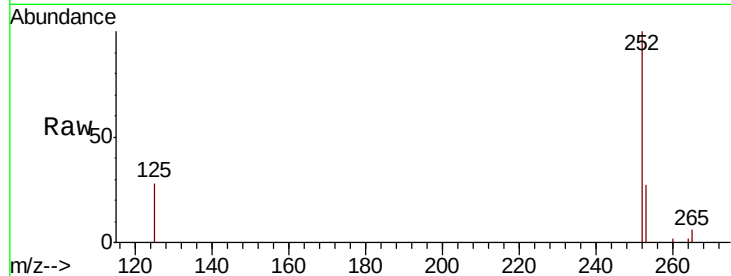
Tgt Ion:252 Resp: 8625

Ion Ratio Lower Upper

252 100

253 27.4 19.9 29.9

125 27.9 9.0 13.4#

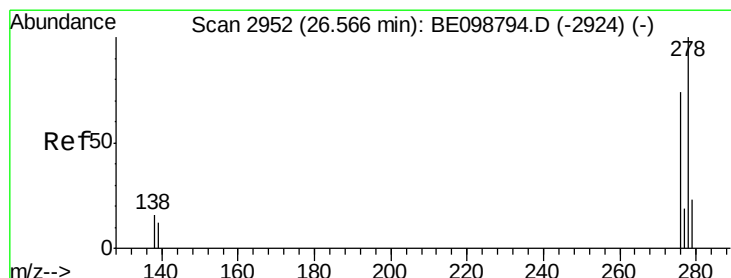
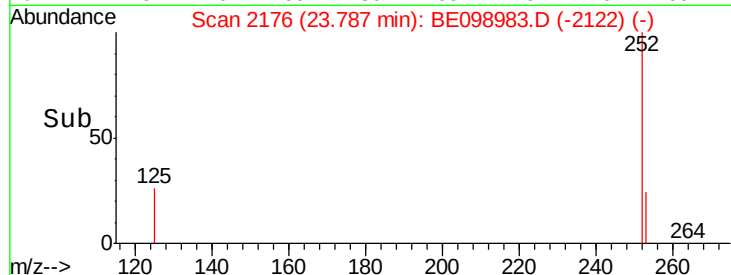
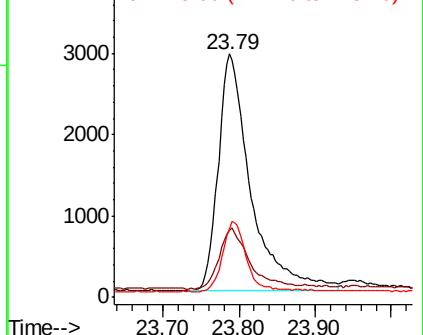


Abundance

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: 0.300 ng

RT: 26.57 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BE098983.D

Acq: 15 Mar 2019 22:59

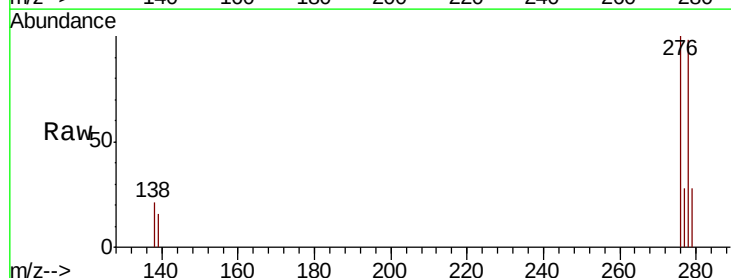
Tgt Ion:278 Resp: 6135

Ion Ratio Lower Upper

278 100

139 16.2 11.8 17.6

279 28.9 21.1 31.7

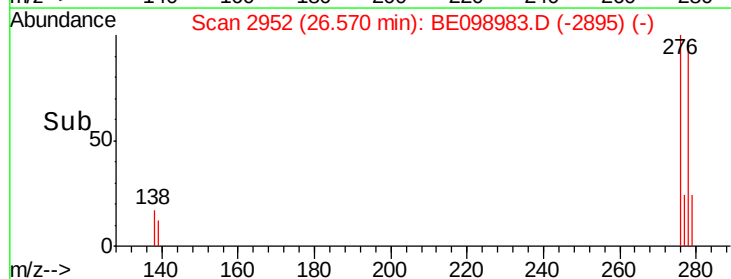
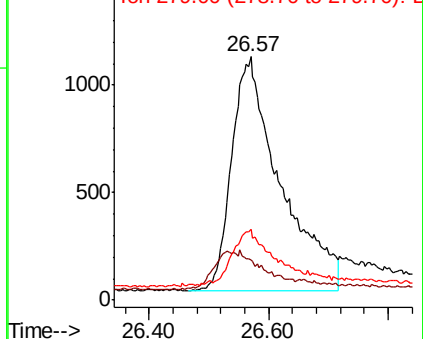


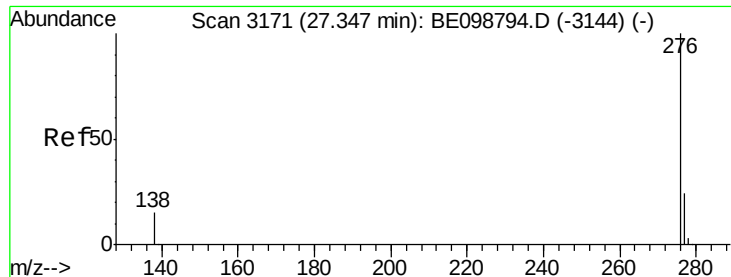
Abundance

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: 0.324 ng

RT: 27.34 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BE098983.D

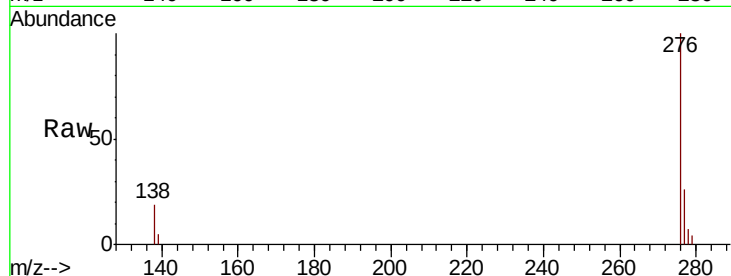
Acq: 15 Mar 2019 22:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 6922

Ion Ratio Lower Upper

276 100

277 25.7 20.4 30.6

138 19.0 13.6 20.4

Abundance Ion 276.00 (275.70 to 276.70): E
2000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

