

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098923.D
 Acq On : 13 Mar 2019 22:08
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:57:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	847	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3852	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2510	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	6574	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	7928	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7895	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	962	0.38	ng	0.00
5) Phenol-d6	6.99	99	1407	0.39	ng	0.00
8) Nitrobenzene-d5	8.96	82	1419	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2697	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	459	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4135	0.40	ng	-0.01
25) Fluoranthene-d10	19.24	212	36734	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	7463	0.39	ng	0.00

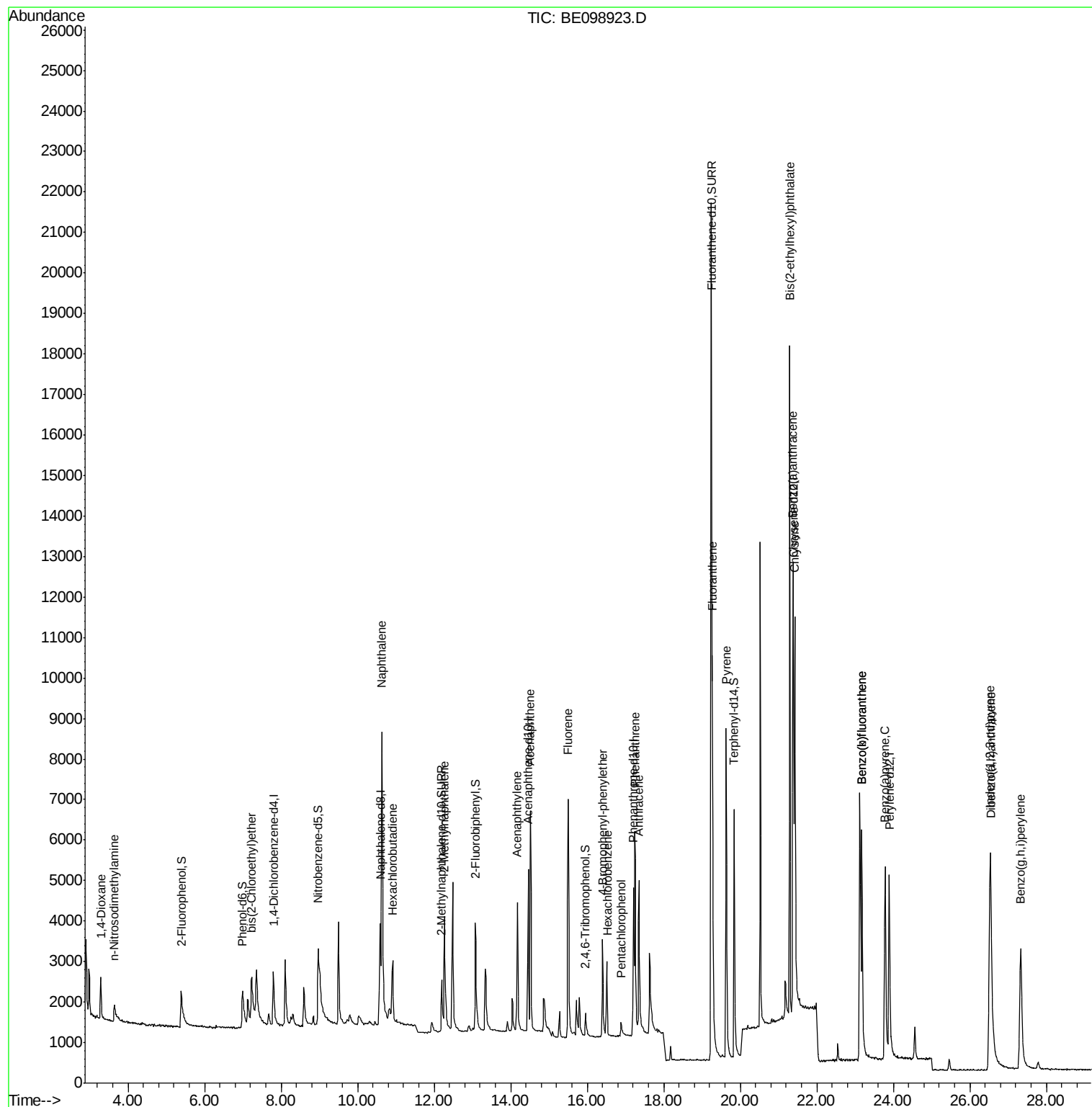
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	757	0.476	ng	92
3) n-Nitrosodimethylamine	3.64	42	568	0.267	ng	# 99
6) bis(2-Chloroethyl)ether	7.23	93	948	0.343	ng	98
9) Naphthalene	10.63	128	17272	0.392	ng	100
10) Hexachlorobutadiene	10.91	225	1076	0.369	ng	97
12) 2-Methylnaphthalene	12.27	142	2717	0.380	ng	94
16) Acenaphthylene	14.17	152	4873	0.377	ng	97
17) Acenaphthene	14.51	154	2952	0.385	ng	98
18) Fluorene	15.50	166	4161	0.377	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1263	0.354	ng	93
21) Hexachlorobenzene	16.52	284	1586	0.374	ng	98
22) Pentachlorophenol	16.88	266	331	0.494	ng	89
23) Phenanthrene	17.24	178	6814	0.365	ng	99
24) Anthracene	17.35	178	5290	0.331	ng	97
26) Fluoranthene	19.27	202	9185	0.348	ng	99
28) Pyrene	19.63	202	9471	0.391	ng	99
30) Benzo(a)anthracene	21.38	228	8807	0.356	ng	98
31) Chrysene	21.43	228	10053	0.380	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	17012	0.323	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	10972	0.393	ng	99
35) Benzo(b)fluoranthene	23.17	252	10193	0.393	ng	99
36) Benzo(k)fluoranthene	23.17	252	10193	0.375	ng	99
37) Benzo(a)pyrene	23.78	252	9516	0.382	ng	# 94
38) Dibenzo(a,h)anthracene	26.55	278	8537	0.363	ng	# 96
39) Benzo(g,h,i)perylene	27.33	276	9115	0.370	ng	100

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

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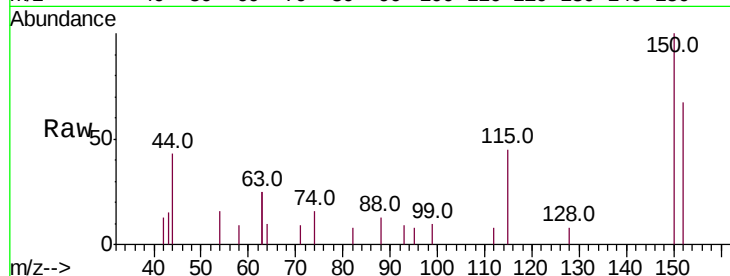


#1

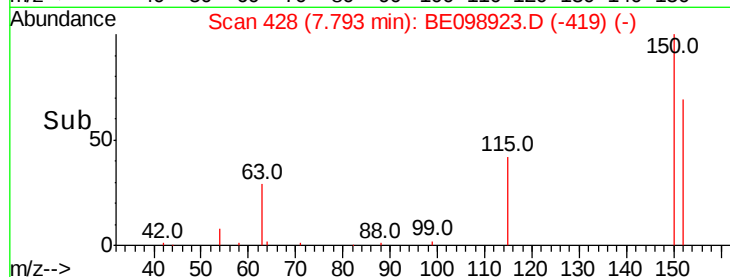
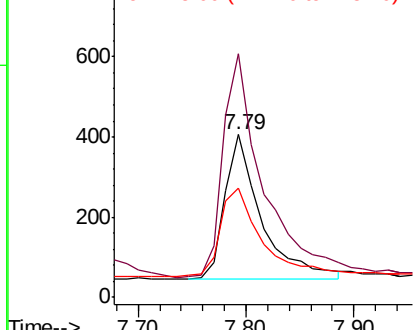
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098923.D
Acq: 13 Mar 2019 22:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 847
Ion Ratio Lower Upper
152 100
150 149.9 122.5 183.7
115 67.4 57.4 86.2



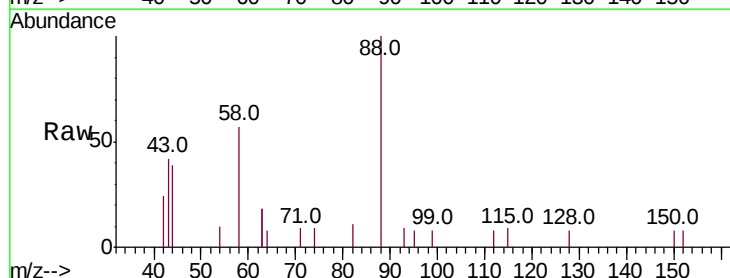
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



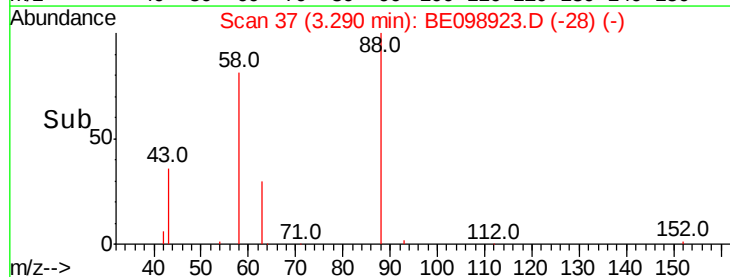
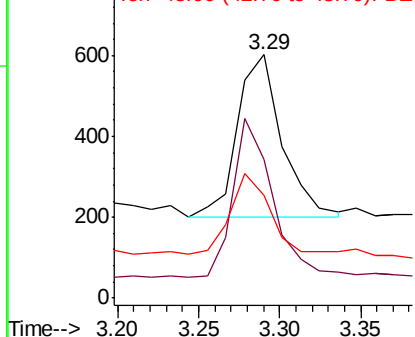
#2

1,4-Dioxane
Concen: 0.476 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098923.D
Acq: 13 Mar 2019 22:08

Tgt Ion: 88 Resp: 757
Ion Ratio Lower Upper
88 100
58 88.5 75.8 113.6
43 44.9 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



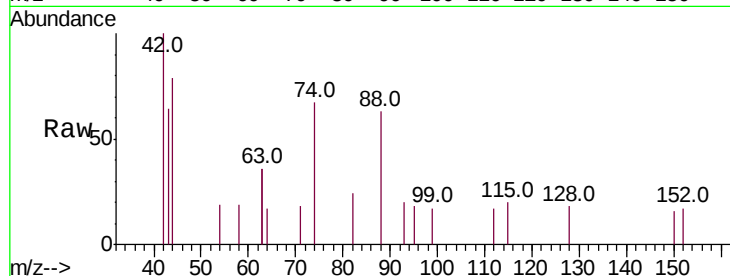


#3

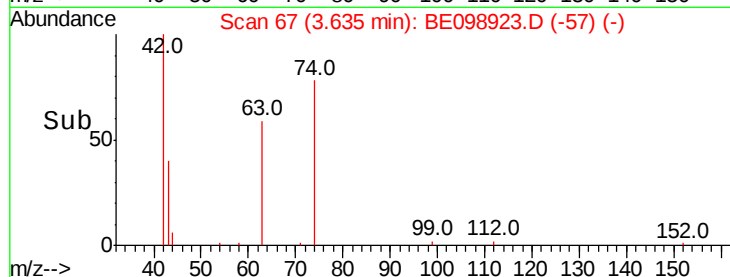
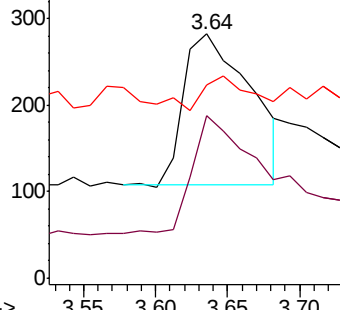
n-Nitrosodimethylamine
 Concen: 0.267 ng
 RT: 3.64 min Scan# 67
 Delta R.T. 0.01 min
 Lab File: BE098923.D
 Acq: 13 Mar 2019 22:08

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 568
 Ion Ratio Lower Upper
 42 100
 74 72.0 57.0 85.4
 44 10.9 0.0 0.0#



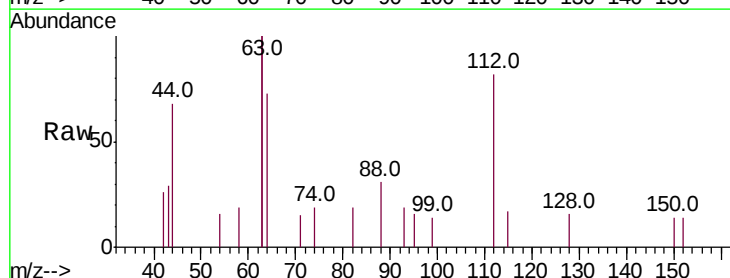
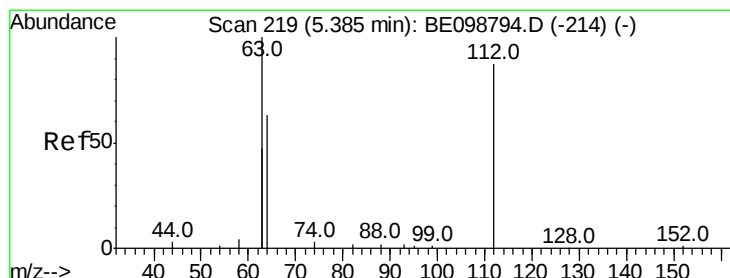
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



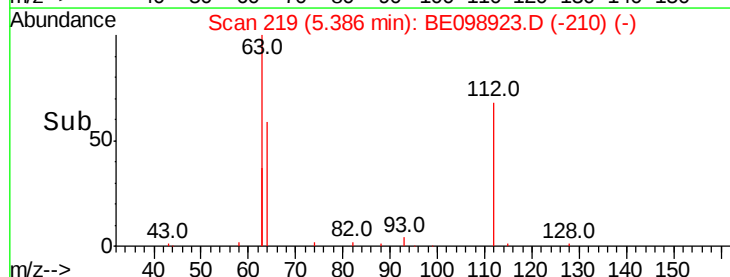
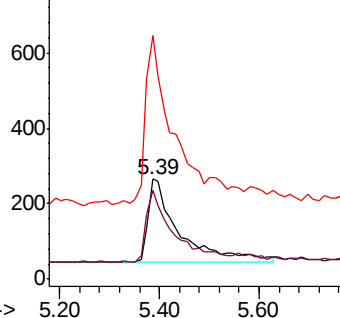
#4

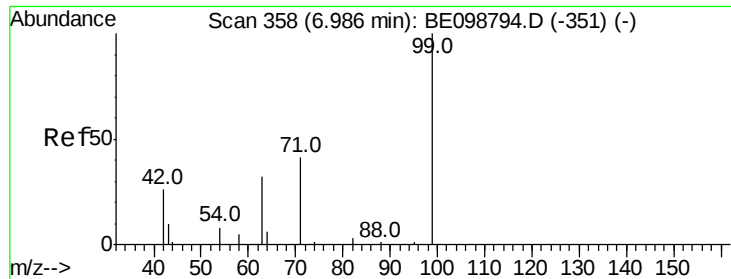
2-Fluorophenol
 Concen: 0.380 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE098923.D
 Acq: 13 Mar 2019 22:08

Tgt Ion: 112 Resp: 962
 Ion Ratio Lower Upper
 112 100
 64 78.5 57.9 86.9
 63 194.7 158.3 237.5



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





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampleId :

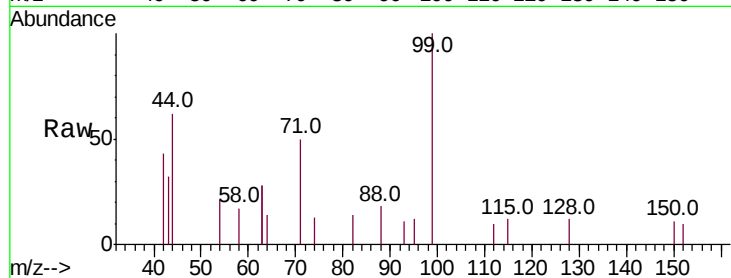
Tot Ion: 99 Resp: 1407

Ion Ratio Lower Upper

99 100

42 28.4 24.2 36.2

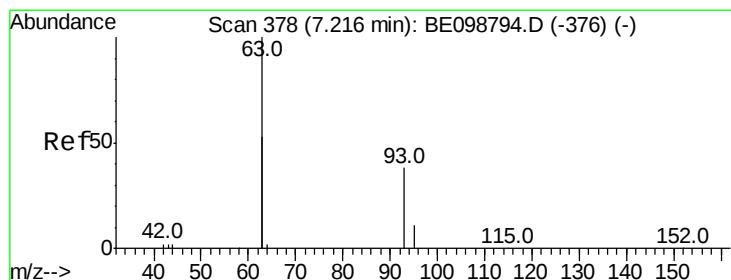
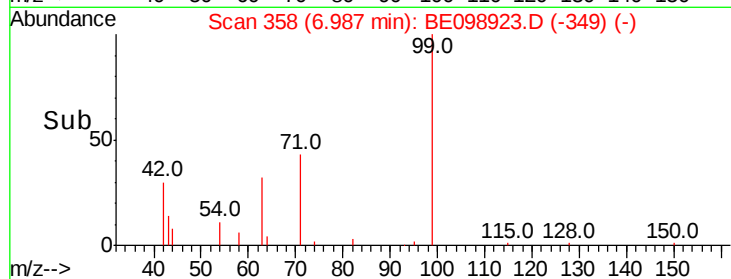
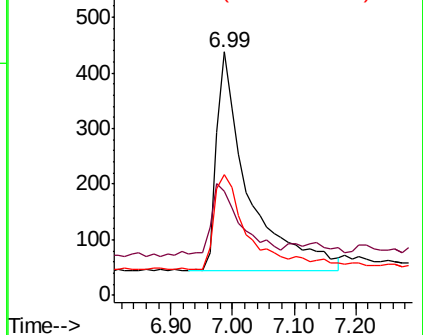
71 50.1 35.7 53.5



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: 0.343 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

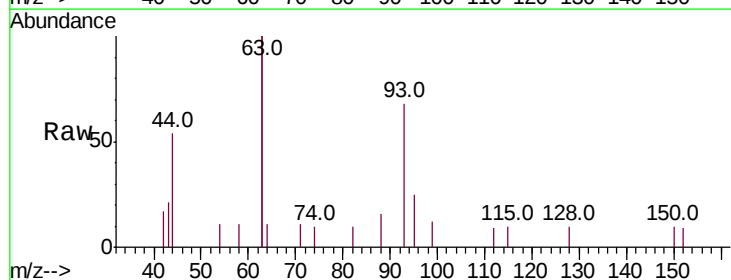
Tgt Ion: 93 Resp: 948

Ion Ratio Lower Upper

93 100

63 304.9 247.5 371.3

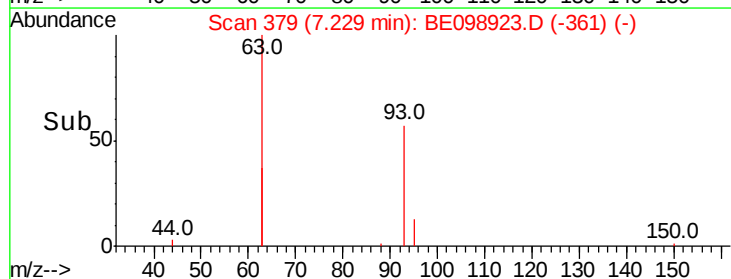
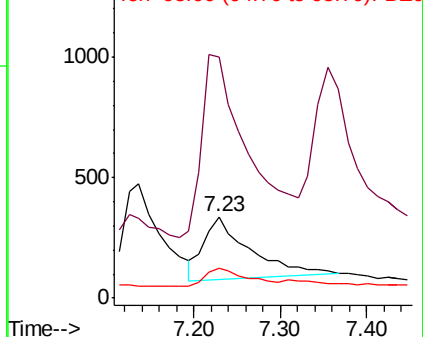
95 27.5 21.8 32.8

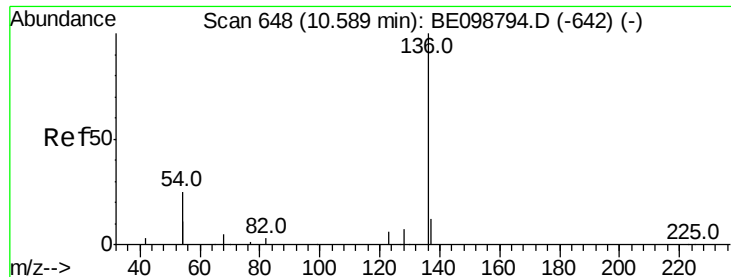


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3852

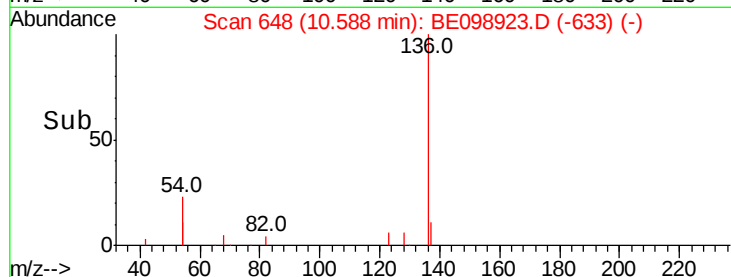
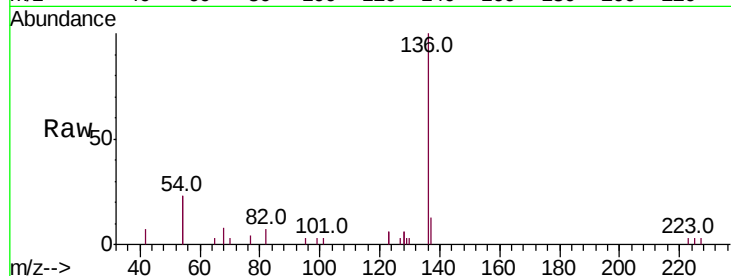
Ion Ratio Lower Upper

136 100

137 13.2 11.4 17.0

54 45.5 39.3 58.9

68 8.1 6.7 10.1

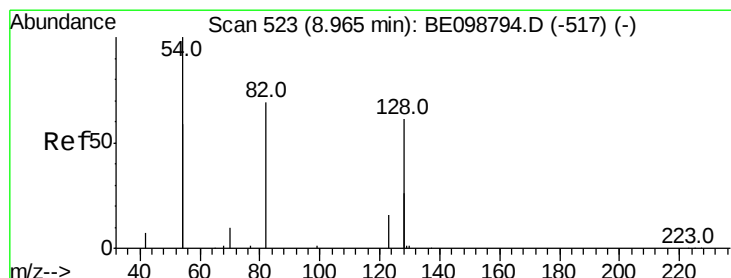
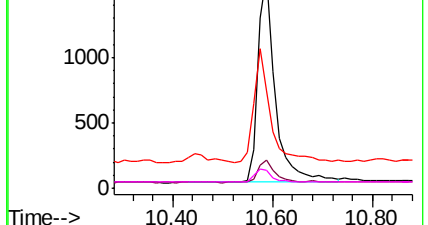


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

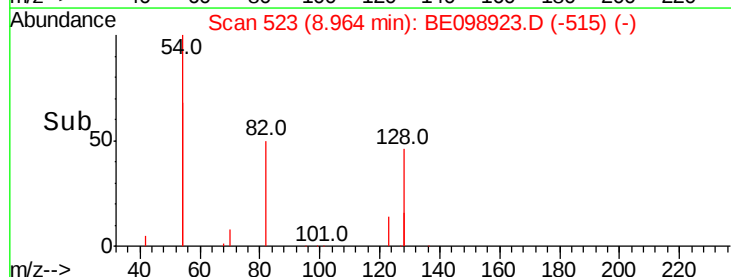
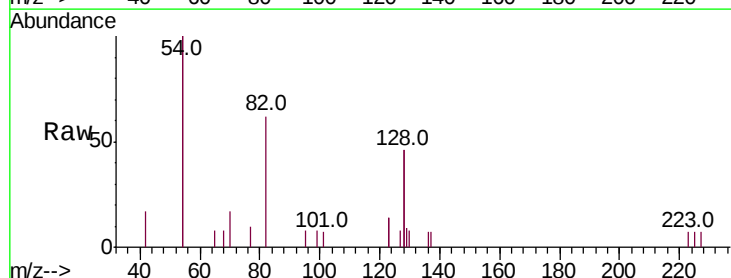
Tgt Ion: 82 Resp: 1419

Ion Ratio Lower Upper

82 100

128 146.7 123.8 185.8

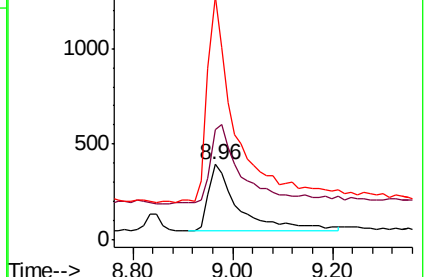
54 322.3 203.4 305.2#

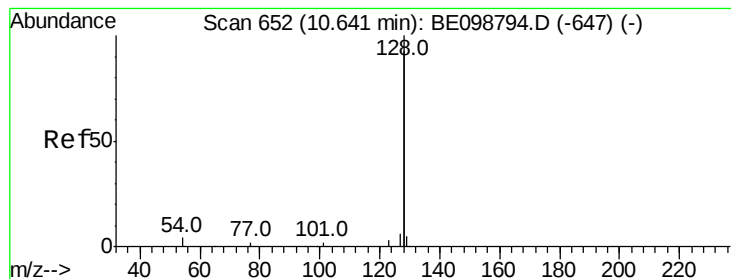


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.392 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampleId :

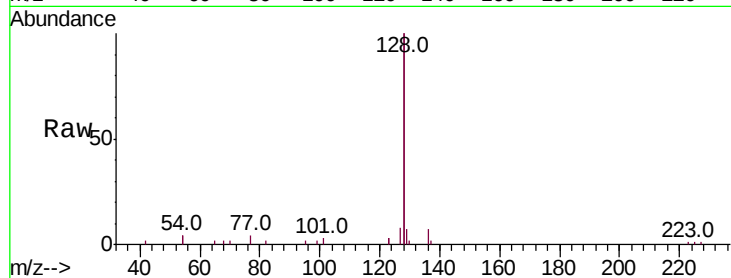
Tot Ion:128 Resp: 17272

Ion Ratio Lower Upper

128 100

129 3.3 2.6 4.0

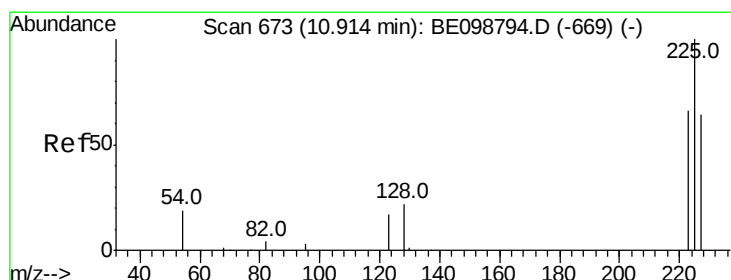
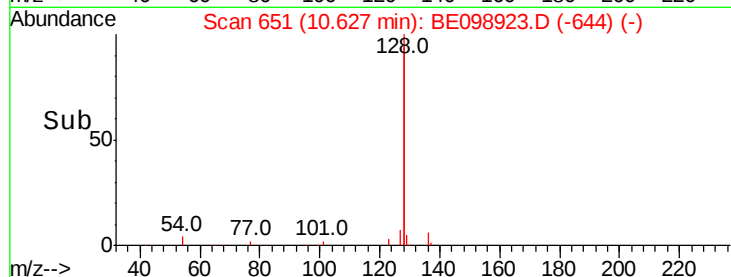
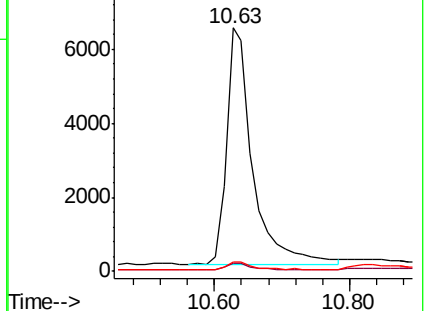
127 4.0 3.1 4.7



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: 0.369 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

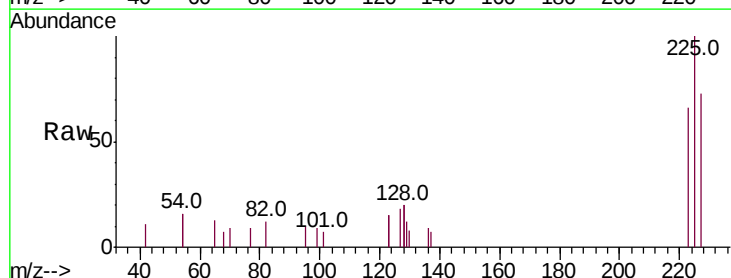
Tgt Ion:225 Resp: 1076

Ion Ratio Lower Upper

225 100

223 65.2 51.1 76.7

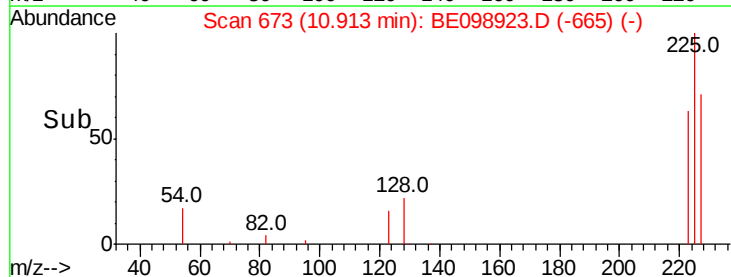
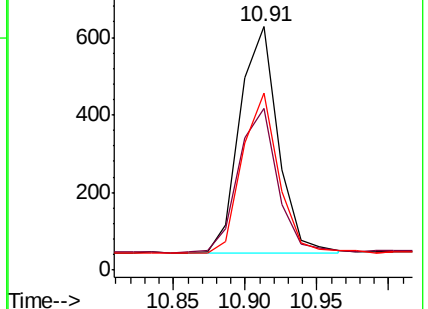
227 68.0 51.6 77.4

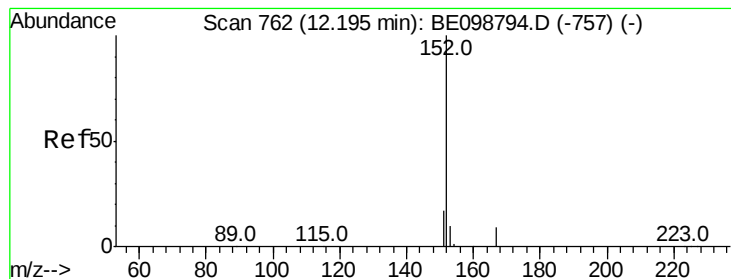


Abundance Ion 225.00 (224.70 to 225.70): E

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: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

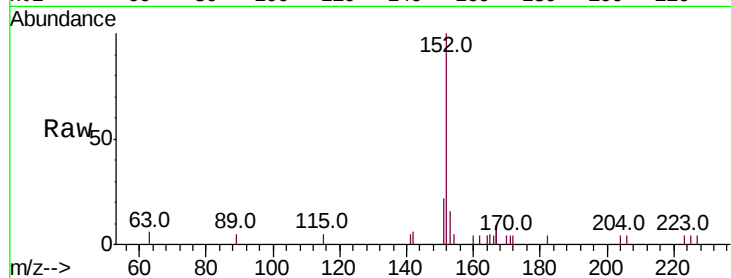
ClientSampleId :

Tot Ion:152 Resp: 2697

Ion Ratio Lower Upper

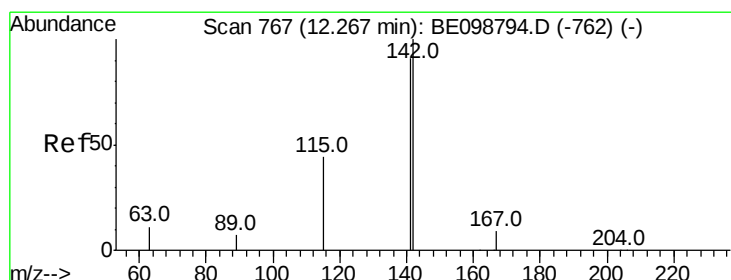
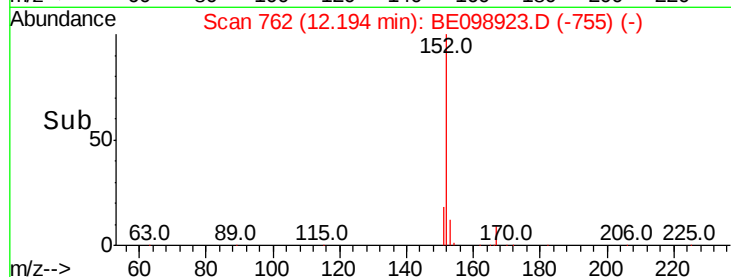
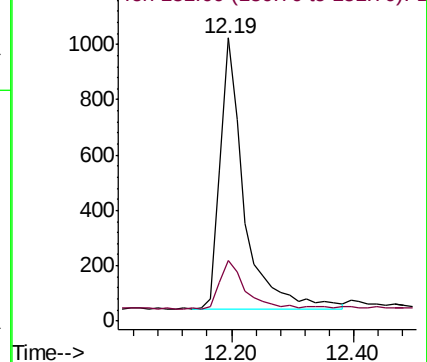
152 100

151 18.8 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: 0.380 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

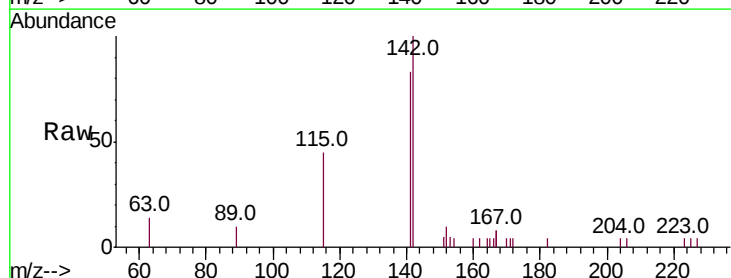
Tgt Ion:142 Resp: 2717

Ion Ratio Lower Upper

142 100

141 83.3 72.6 108.8

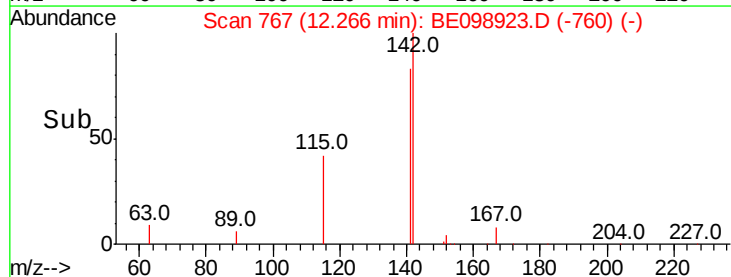
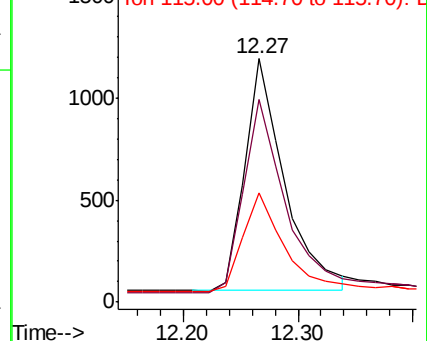
115 44.9 37.4 56.2

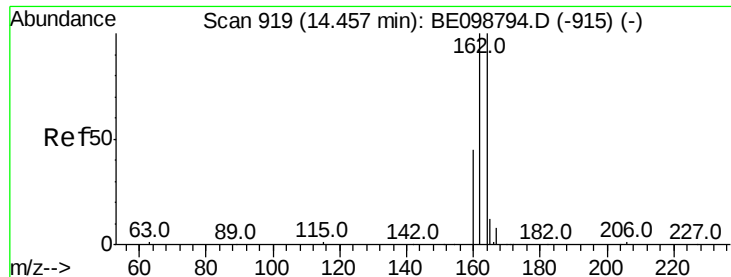


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

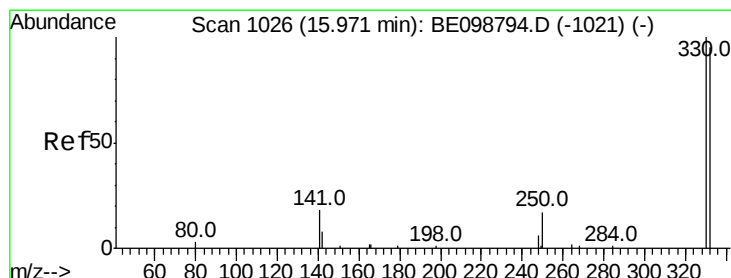
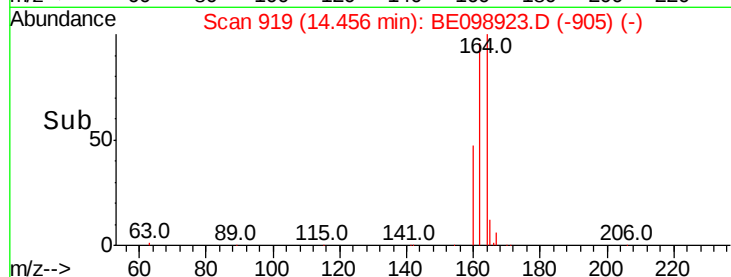
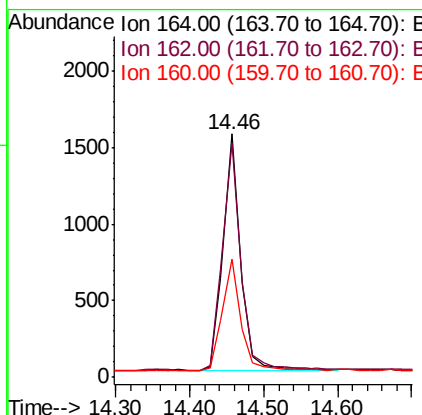
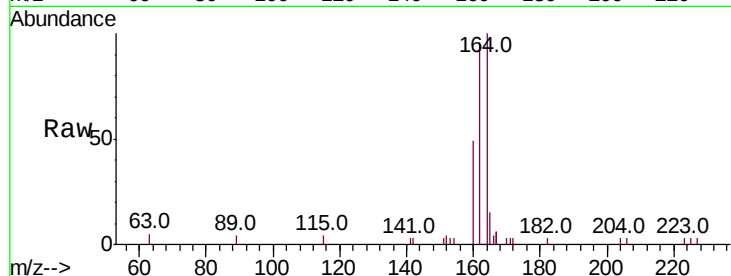




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE098923.D
 Acq: 13 Mar 2019 22:08

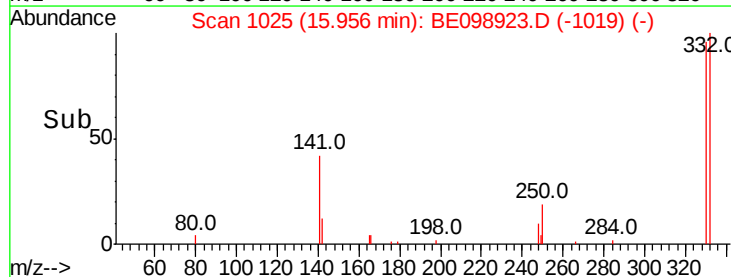
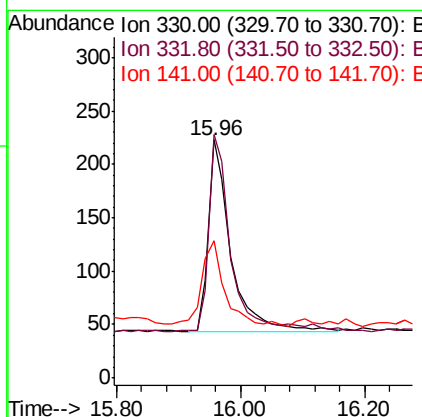
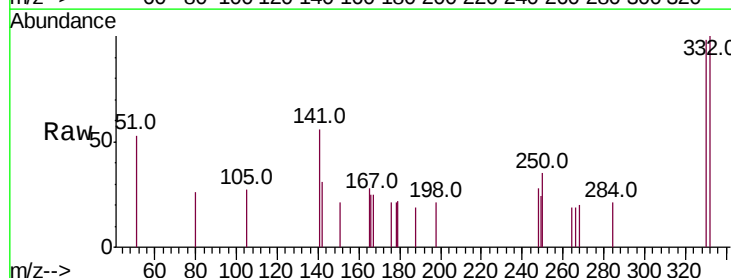
Instrument :
 BNA_E
 ClientSampleId :

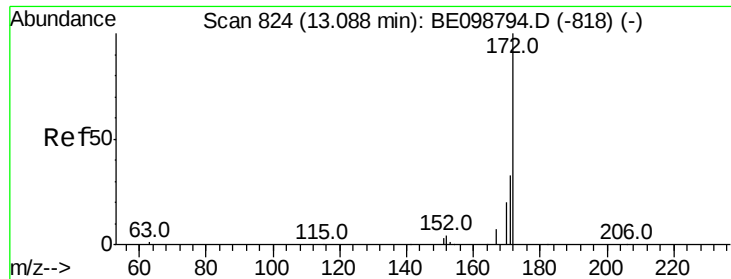
Tot Ion:164 Resp: 2510
 Ion Ratio Lower Upper
 164 100
 162 96.4 80.2 120.2
 160 48.6 37.8 56.8



#14
 2,4,6-Tribromophenol
 Concen: 0.362 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE098923.D
 Acq: 13 Mar 2019 22:08

Tgt Ion:330 Resp: 459
 Ion Ratio Lower Upper
 330 100
 332 102.2 77.6 116.4
 141 46.4 31.0 46.4

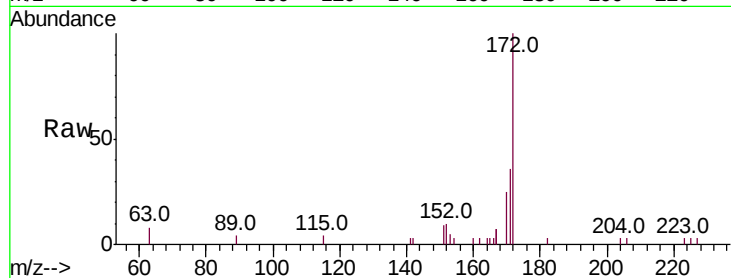




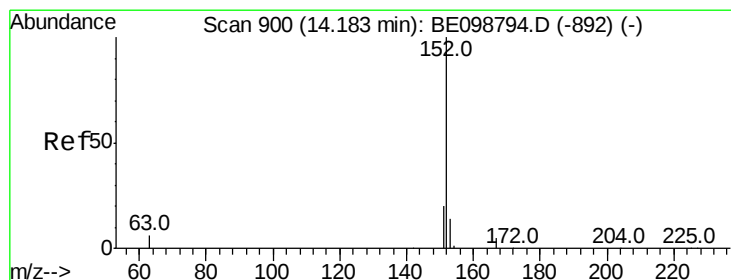
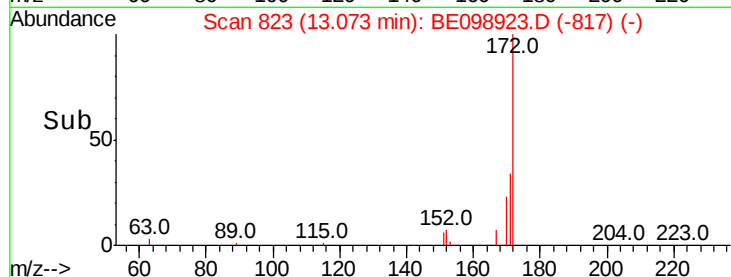
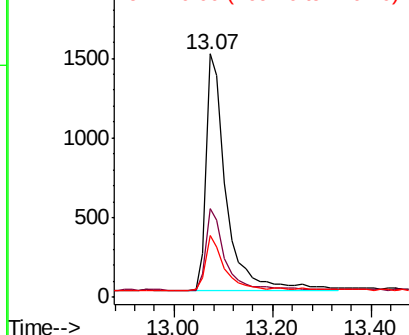
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098923.D
Acq: 13 Mar 2019 22:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4135
Ion Ratio Lower Upper
172 100
171 36.3 28.0 42.0
170 25.2 17.7 26.5

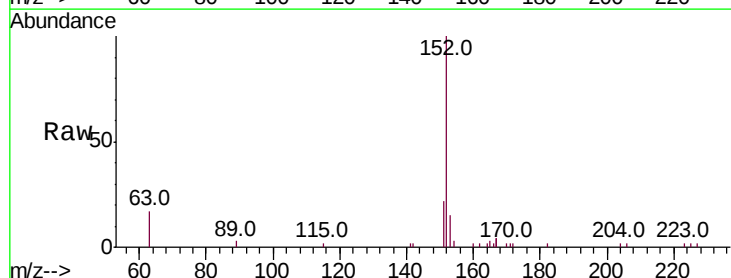


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

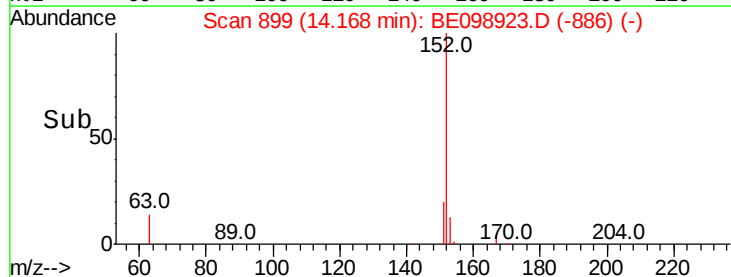
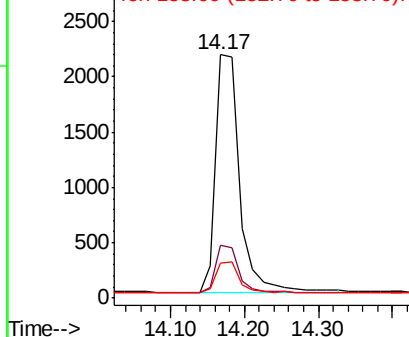


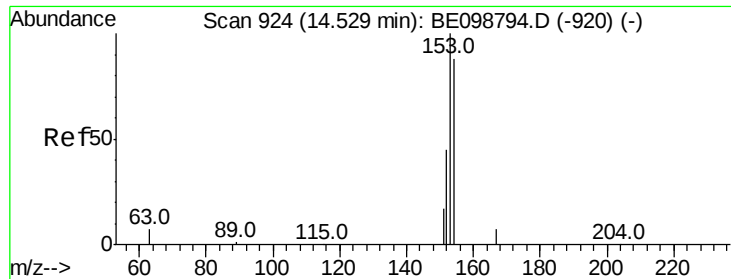
#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE098923.D
Acq: 13 Mar 2019 22:08

Tgt Ion:152 Resp: 4873
Ion Ratio Lower Upper
152 100
151 19.9 17.0 25.6
153 13.0 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

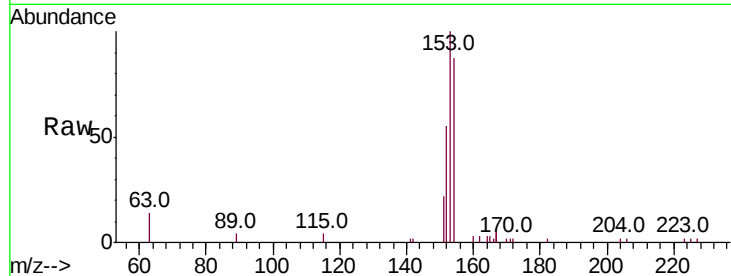




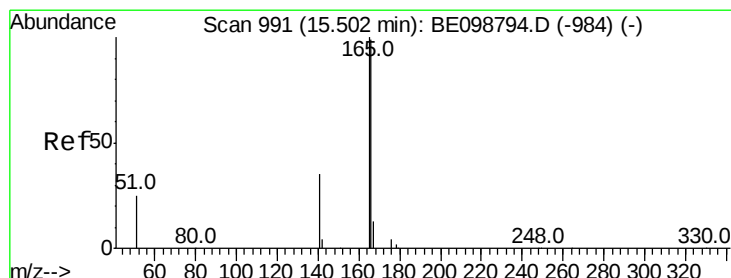
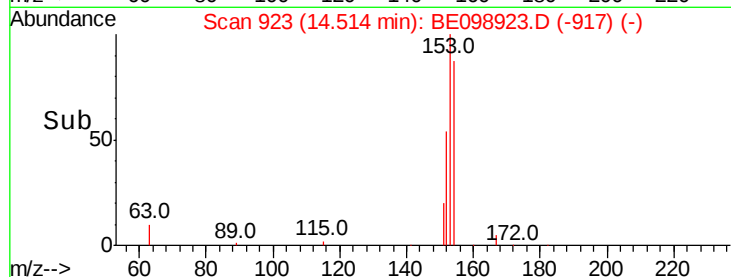
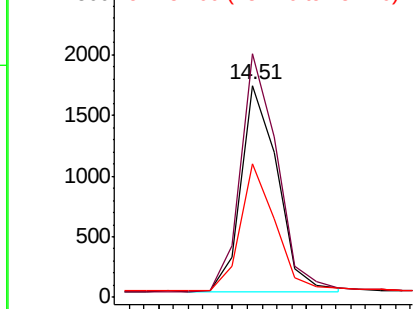
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098923.D
Acq: 13 Mar 2019 22:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 2952
Ion Ratio Lower Upper
154 100
153 116.1 94.2 141.4
152 59.2 45.0 67.4

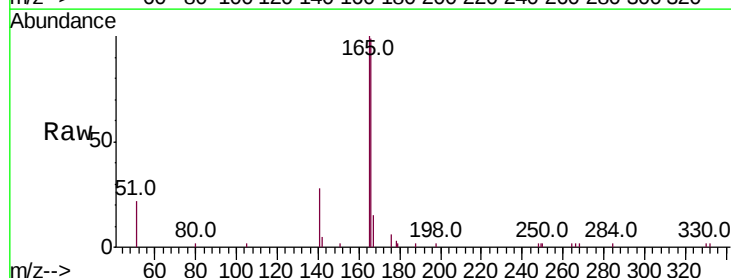


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

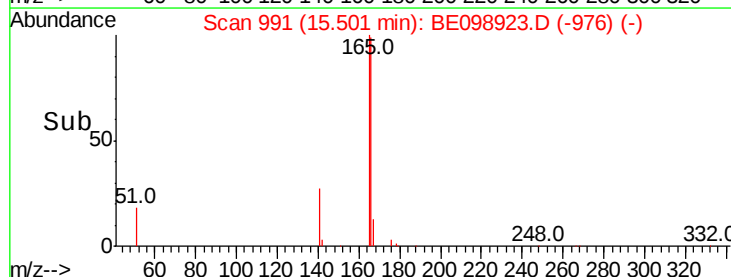
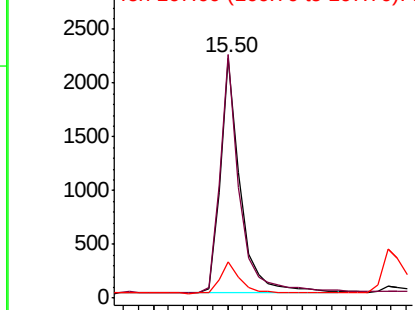


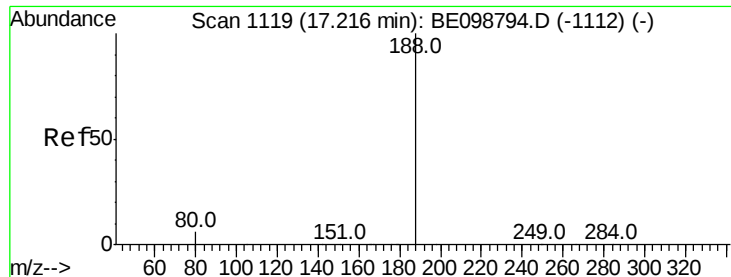
#18
Fluorene
Concen: 0.377 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098923.D
Acq: 13 Mar 2019 22:08

Tgt Ion:166 Resp: 4161
Ion Ratio Lower Upper
166 100
165 97.7 79.3 118.9
167 12.9 10.5 15.7



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampleId :

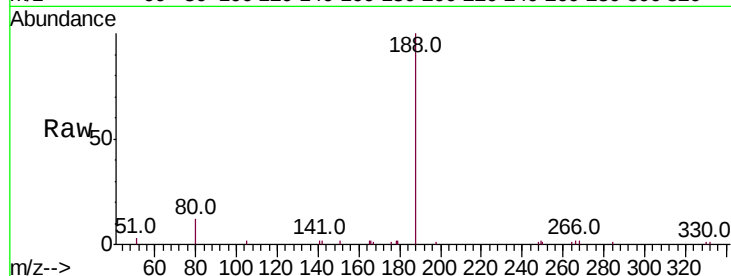
Tot Ion:188 Resp: 6574

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

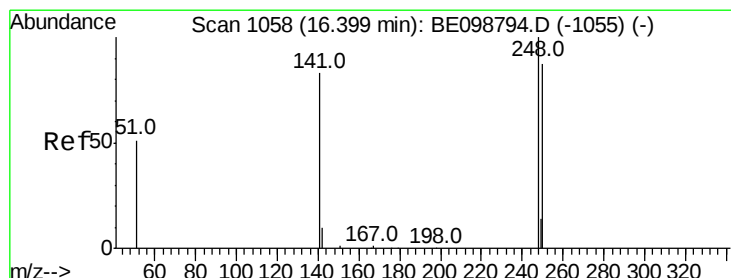
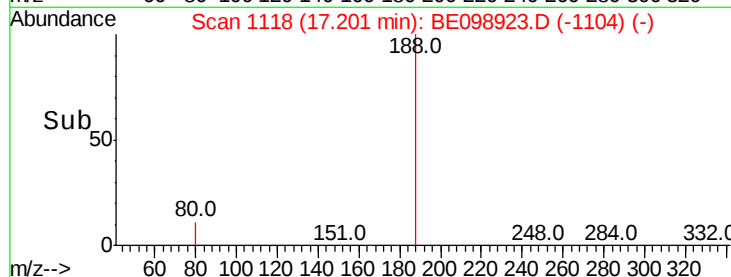
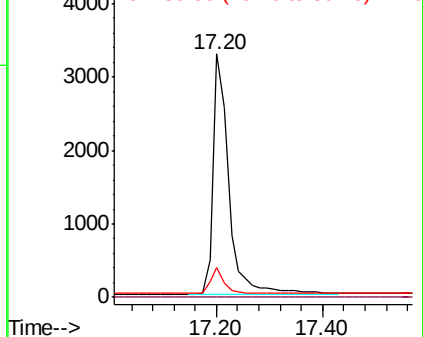
80 12.1 6.3 9.5#



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: 0.354 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

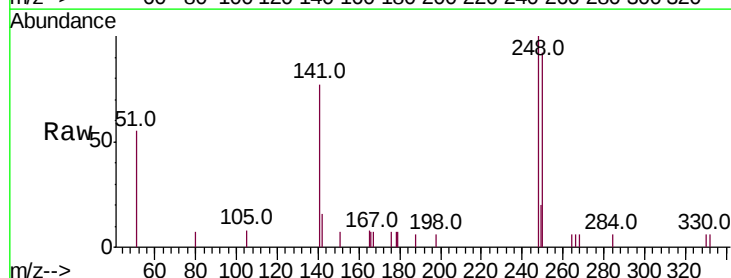
Tgt Ion:248 Resp: 1263

Ion Ratio Lower Upper

248 100

250 92.3 70.6 105.8

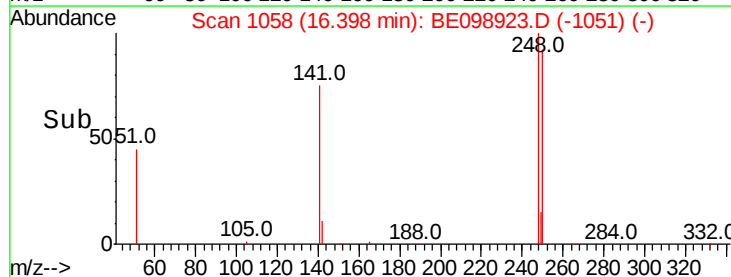
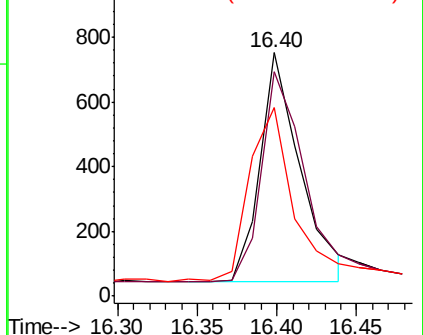
141 77.3 68.6 102.8

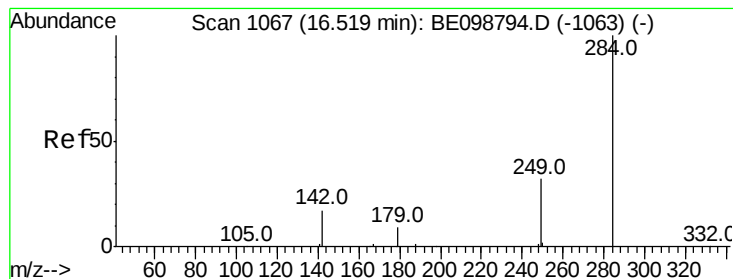


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.374 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampleId :

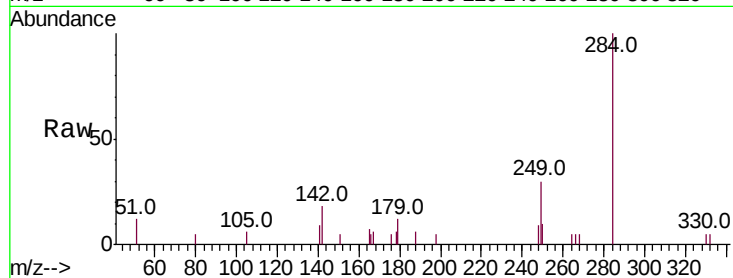
Tot Ion:284 Resp: 1586

Ion Ratio Lower Upper

284 100

142 34.4 28.7 43.1

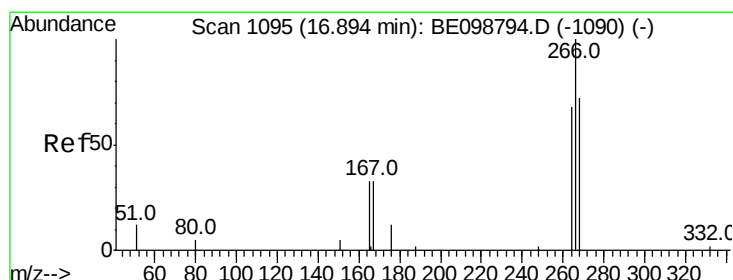
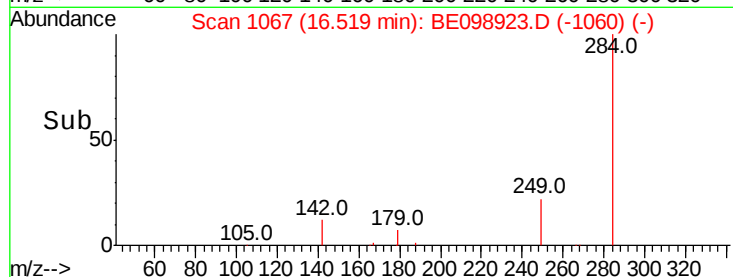
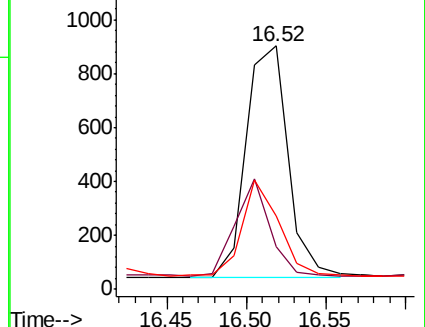
249 36.1 29.6 44.4



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: 0.494 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

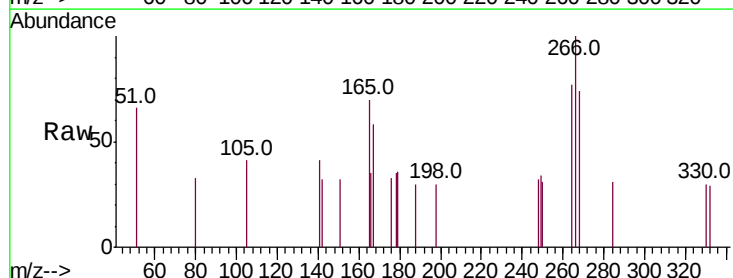
Tgt Ion:266 Resp: 331

Ion Ratio Lower Upper

266 100

264 77.0 66.6 100.0

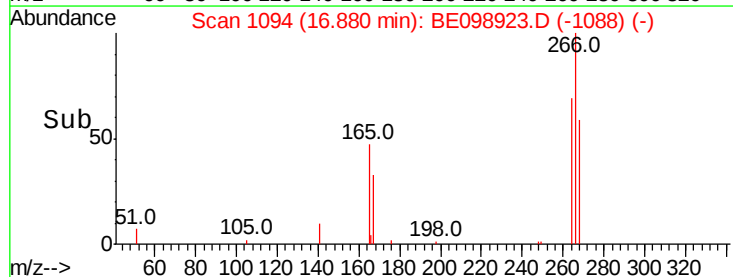
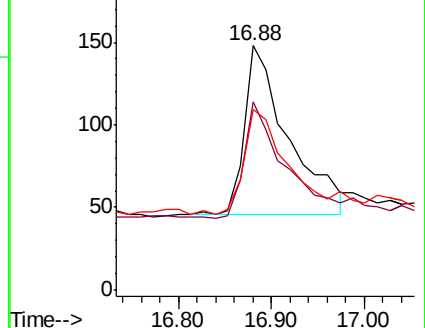
268 73.6 69.8 104.8

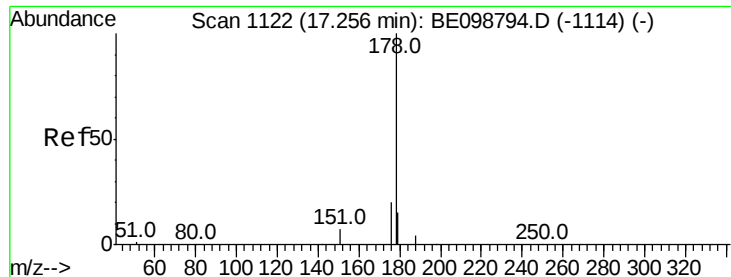


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.365 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampleId :

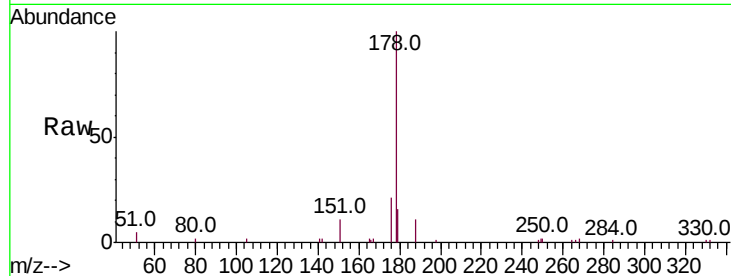
Tot Ion:178 Resp: 6814

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

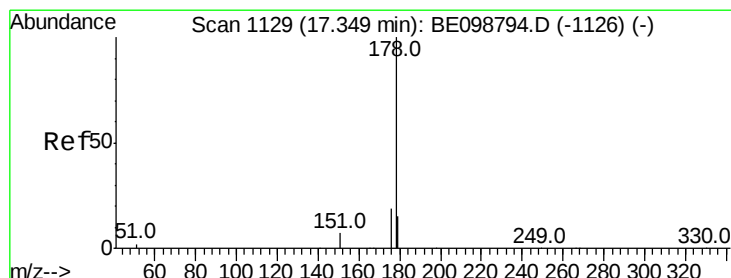
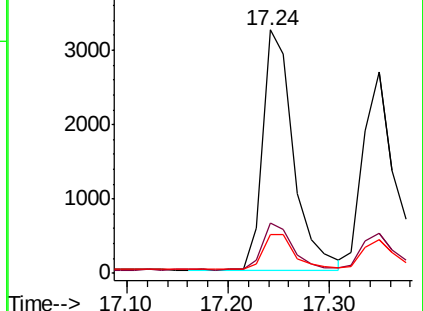
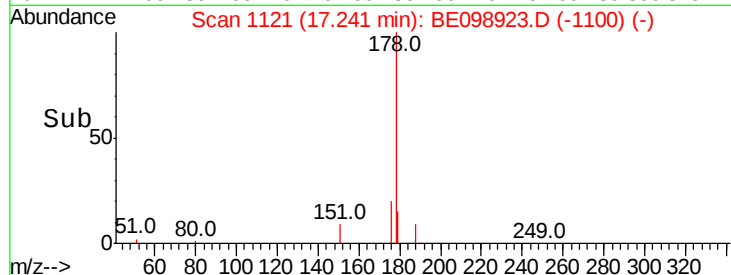
179 15.4 12.1 18.1



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: 0.331 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

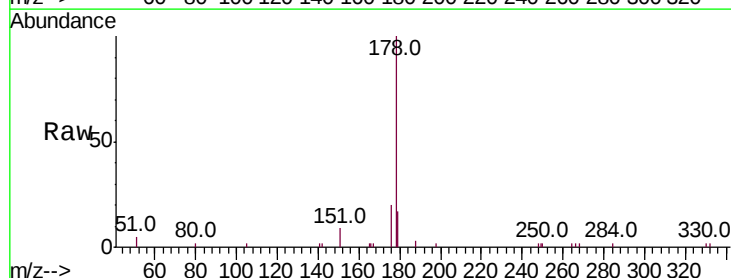
Tgt Ion:178 Resp: 5290

Ion Ratio Lower Upper

178 100

176 20.7 15.4 23.0

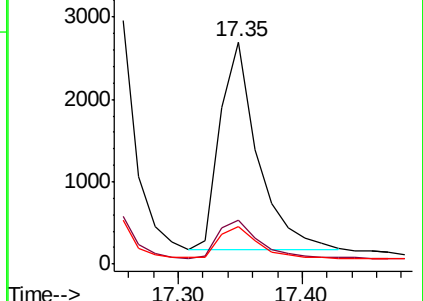
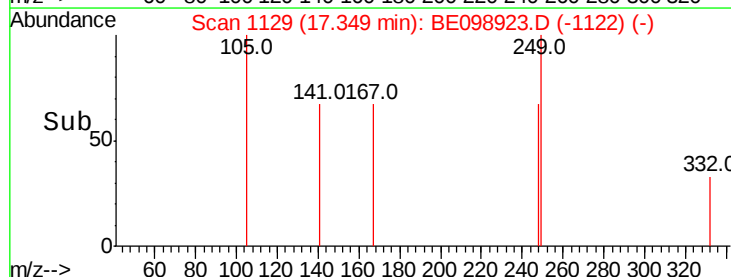
179 16.1 12.2 18.4

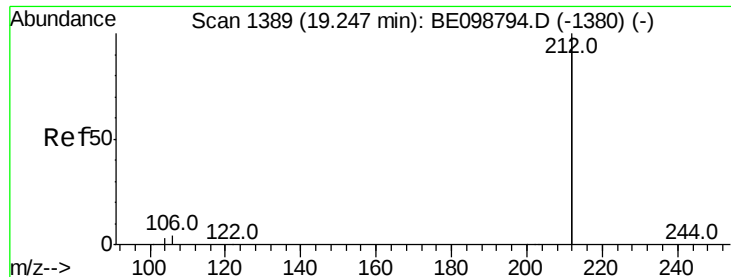


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampleId :

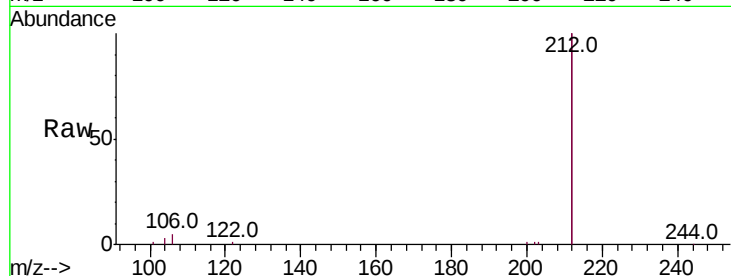
Tot Ion:212 Resp: 36734

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

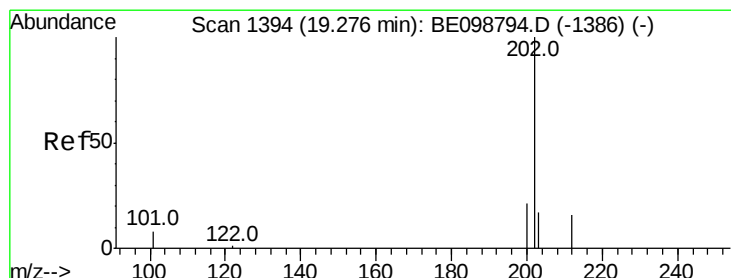
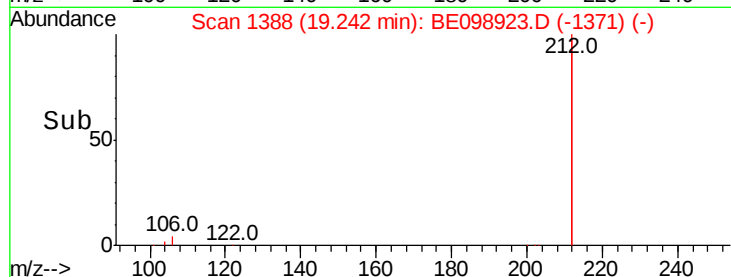
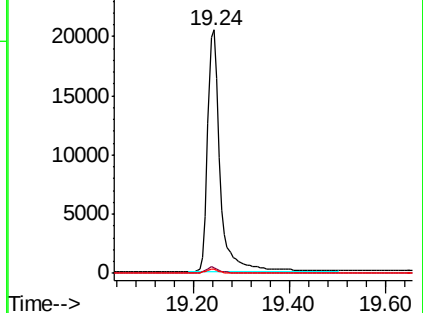
104 1.3 1.0 1.6



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: 0.348 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

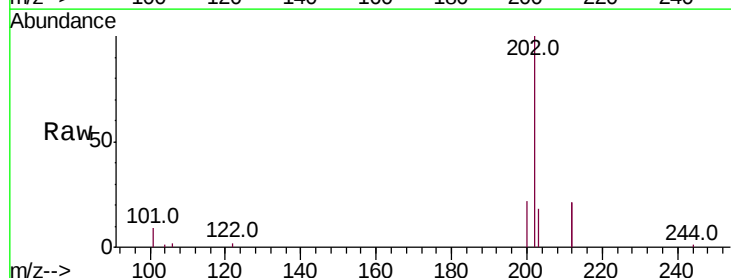
Tgt Ion:202 Resp: 9185

Ion Ratio Lower Upper

202 100

101 8.8 7.3 10.9

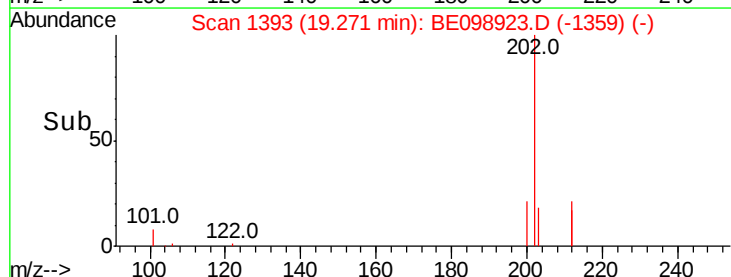
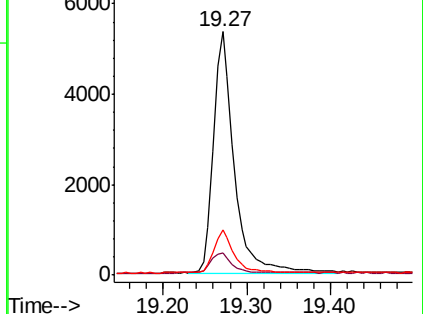
203 17.1 13.4 20.2

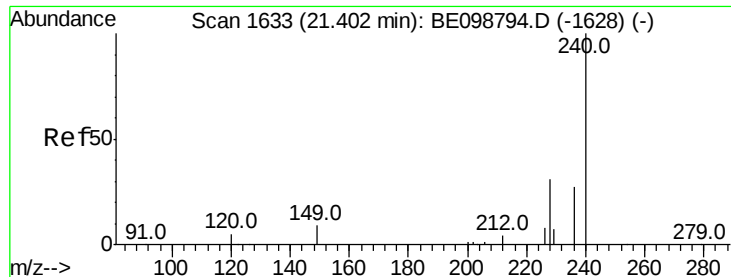


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampleId :

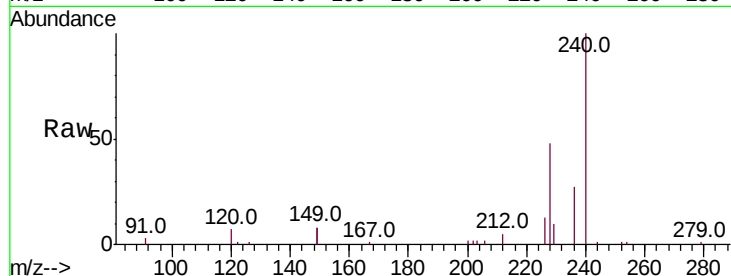
Tot Ion:240 Resp: 7928

Ion Ratio Lower Upper

240 100

120 7.1 5.0 7.4

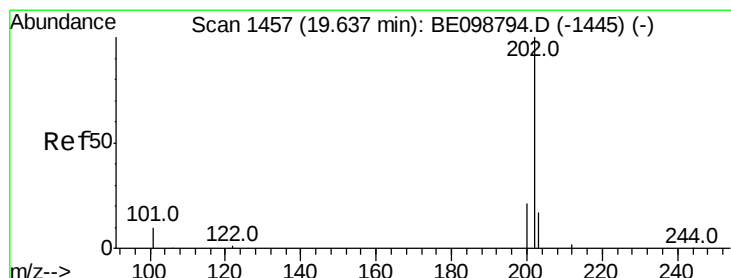
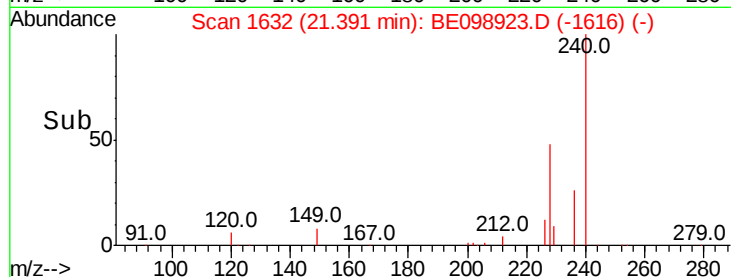
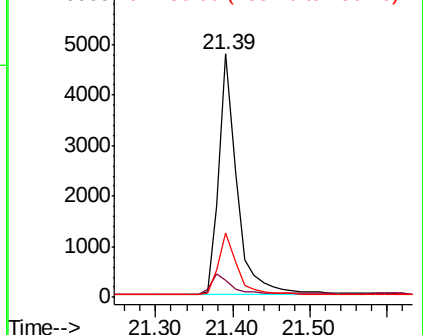
236 26.6 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.391 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

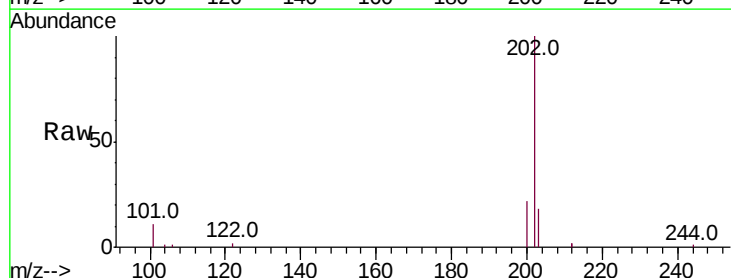
Tgt Ion:202 Resp: 9471

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

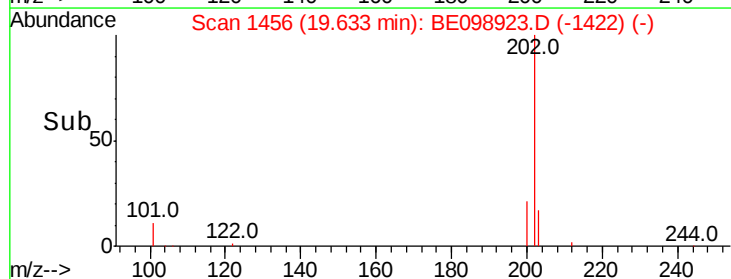
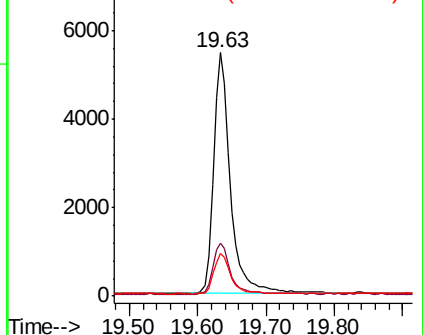
203 16.8 14.2 21.2

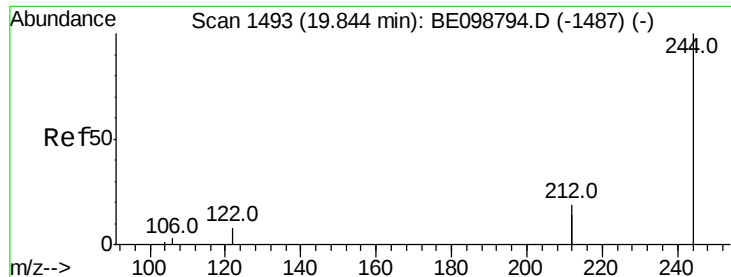


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.387 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampled :

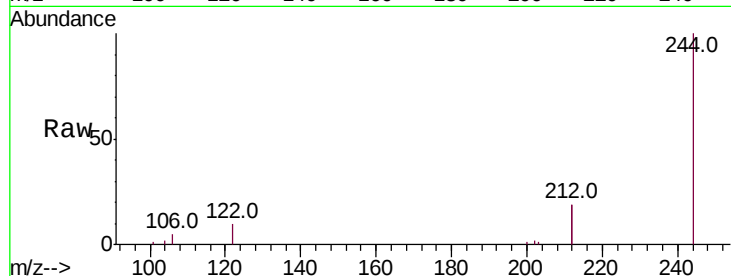
Tot Ion:244 Resp: 7463

Ion Ratio Lower Upper

244 100

212 38.8 29.4 44.2

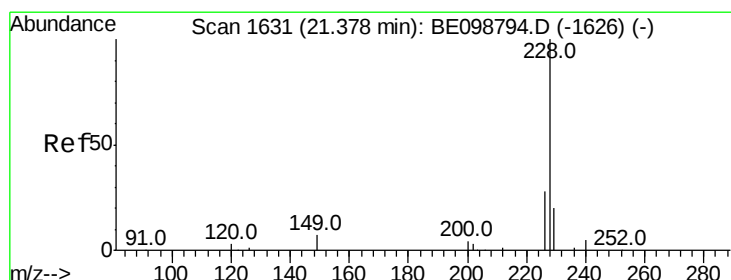
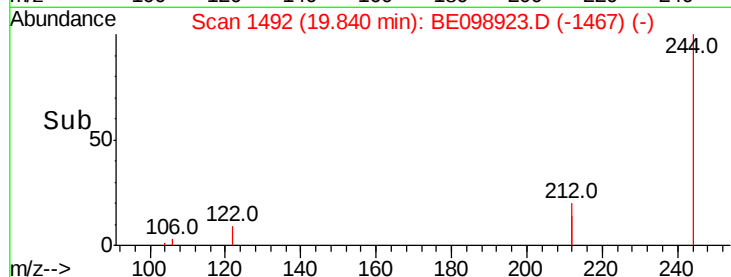
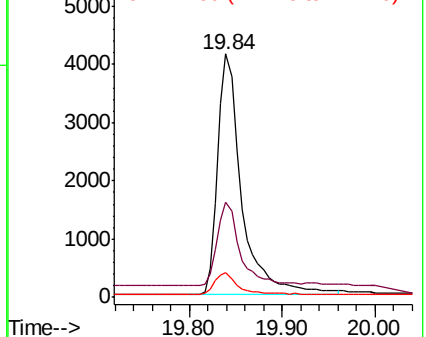
122 10.1 7.1 10.7



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: 0.356 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

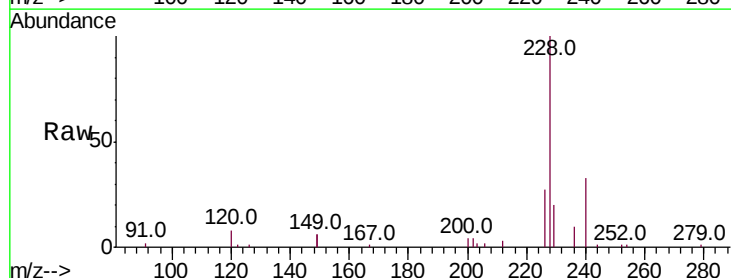
Tgt Ion:228 Resp: 8807

Ion Ratio Lower Upper

228 100

226 26.8 23.0 34.4

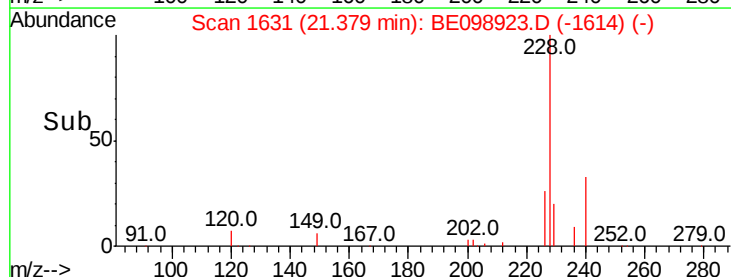
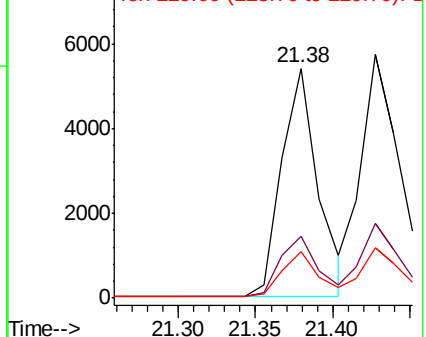
229 20.3 16.5 24.7

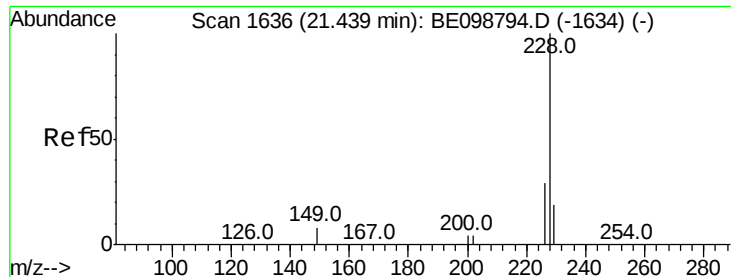


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.380 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

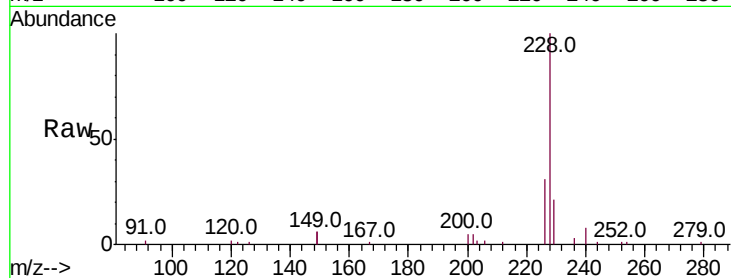
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 10053

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.7	35.5
229	20.8	16.1	24.1

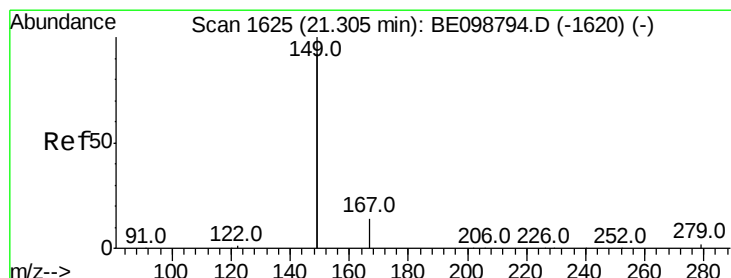
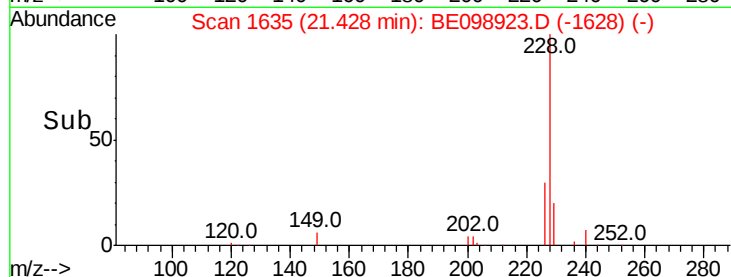
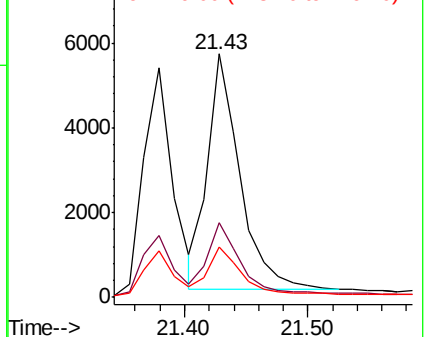


Abundance

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: 0.323 ng

RT: 21.29 min Scan# 1624

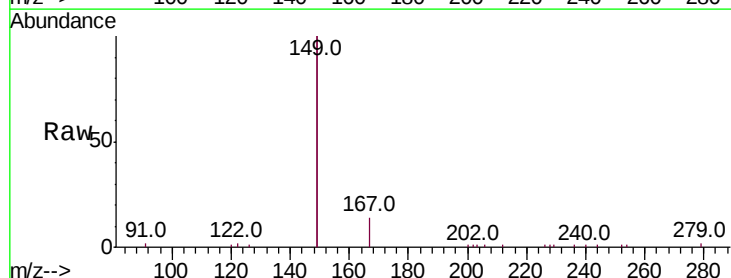
Delta R.T. -0.01 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Tgt Ion:149 Resp: 17012

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	1.0	1.4

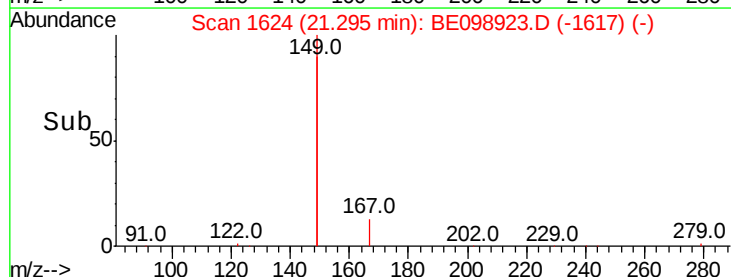
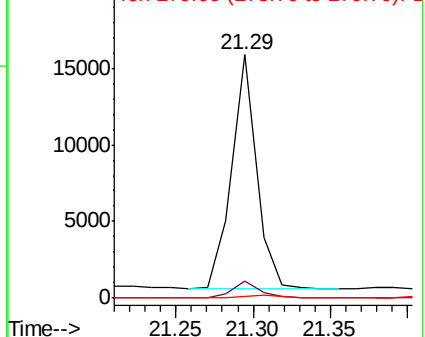


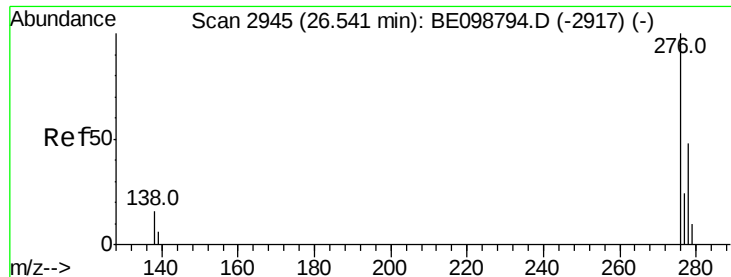
Abundance

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

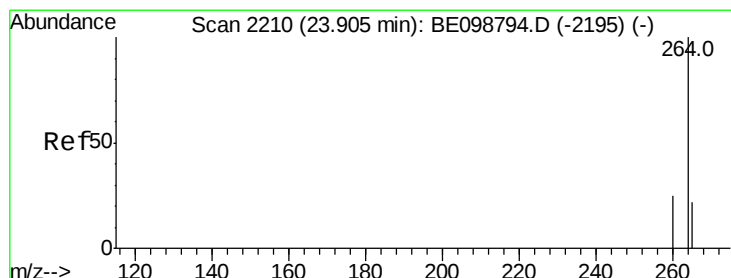
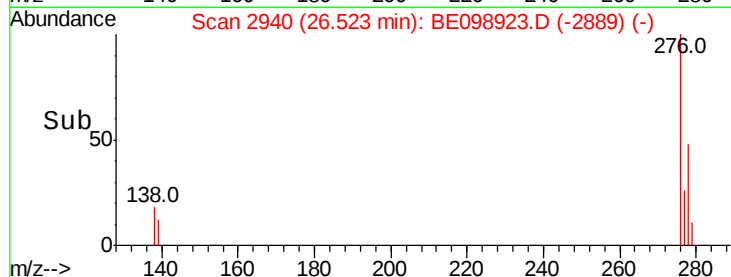
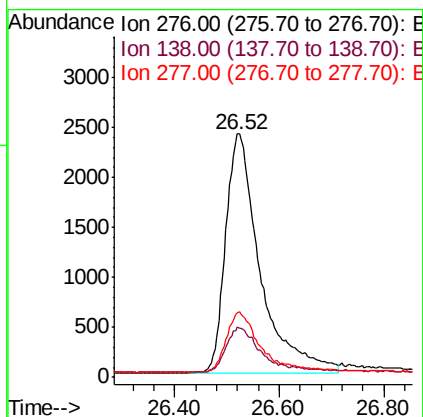
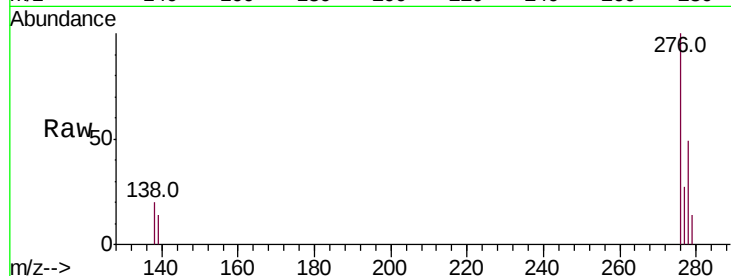




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.393 ng
 RT: 26.52 min Scan# 2940
 Delta R.T. -0.02 min
 Lab File: BE098923.D
 Acq: 13 Mar 2019 22:08

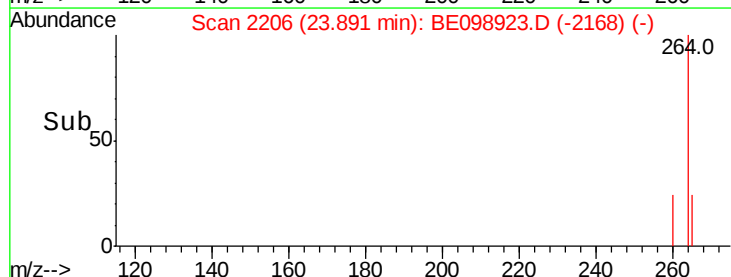
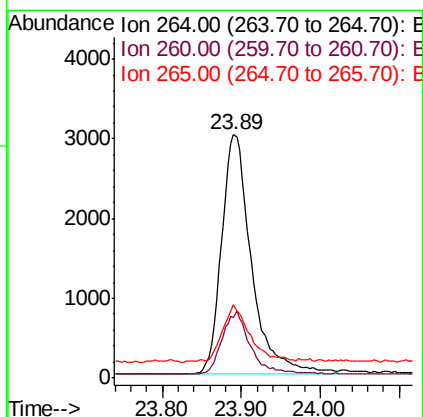
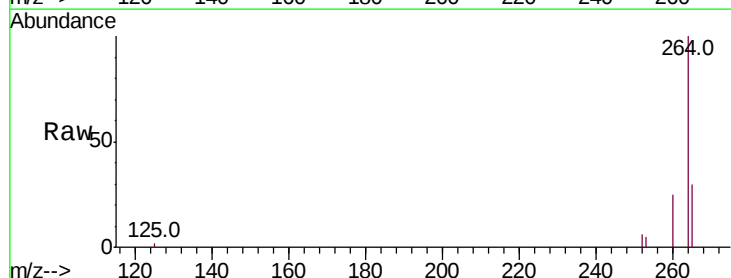
Instrument :
 BNA_E
 ClientSampleId :

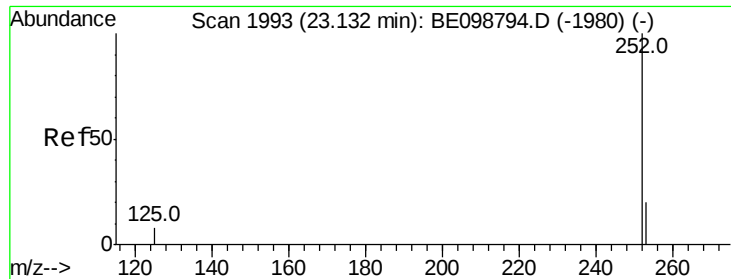
Tot Ion:276 Resp: 10972
 Ion Ratio Lower Upper
 276 100
 138 17.8 13.8 20.8
 277 24.5 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE098923.D
 Acq: 13 Mar 2019 22:08

Tgt Ion:264 Resp: 7895
 Ion Ratio Lower Upper
 264 100
 260 24.8 21.2 31.8
 265 30.0 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.393 ng

RT: 23.17 min Scan# 2005

Delta R.T. 0.04 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampleId :

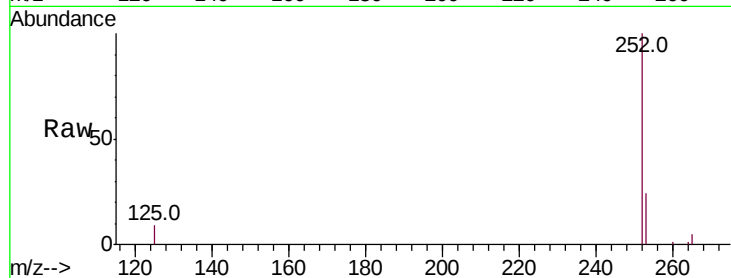
Tot Ion:252 Resp: 10193

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

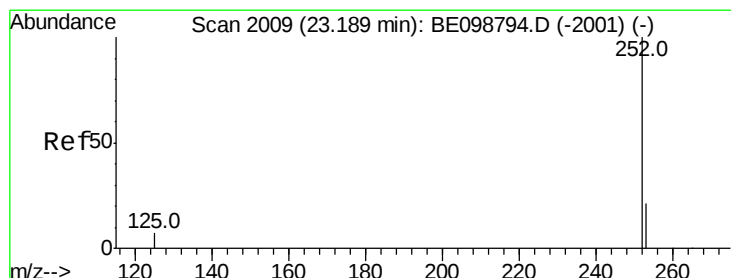
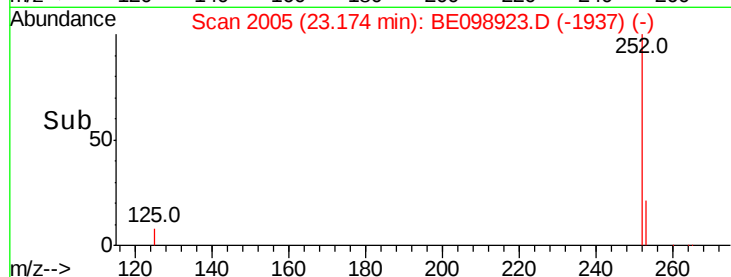
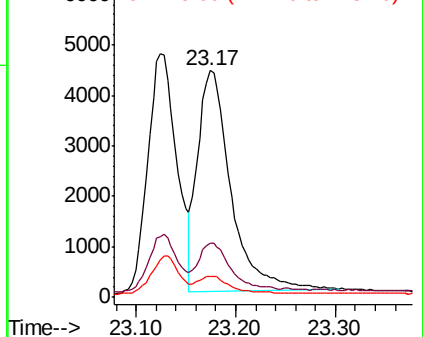
125 9.2 7.3 10.9



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: 0.375 ng

RT: 23.17 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

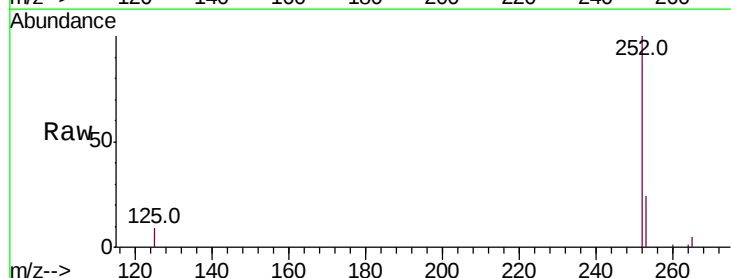
Tgt Ion:252 Resp: 10193

Ion Ratio Lower Upper

252 100

253 23.6 19.3 28.9

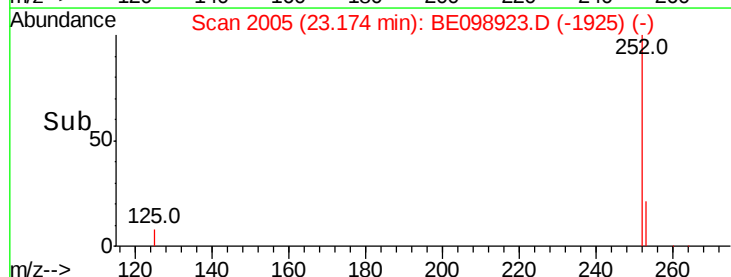
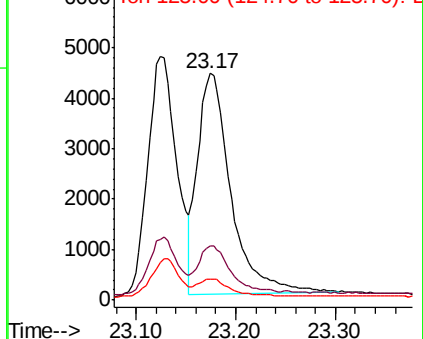
125 9.2 7.5 11.3

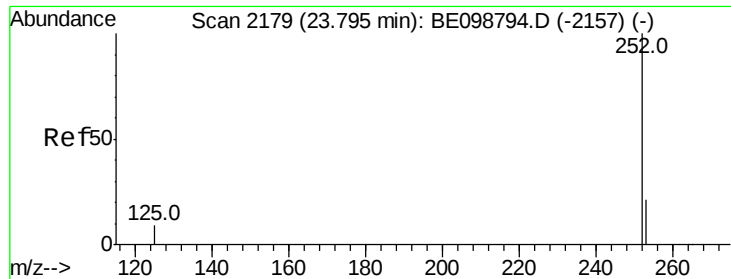


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.382 ng

RT: 23.78 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampleId :

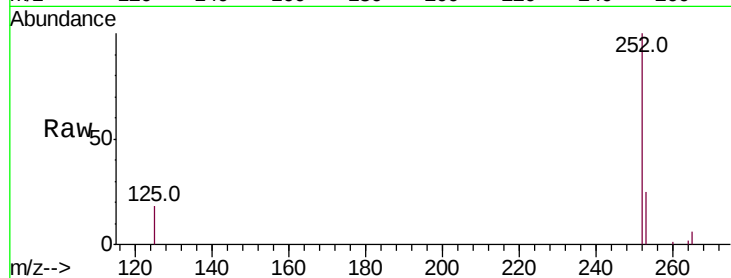
Tot Ion:252 Resp: 9516

Ion Ratio Lower Upper

252 100

253 25.0 19.9 29.9

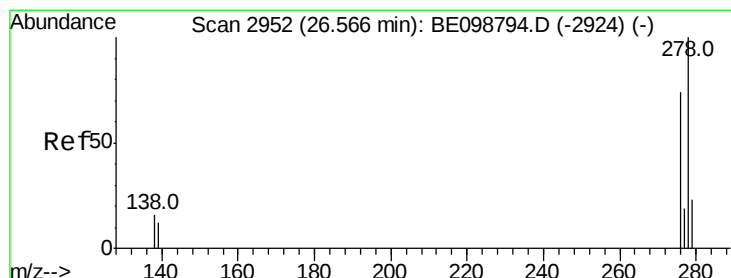
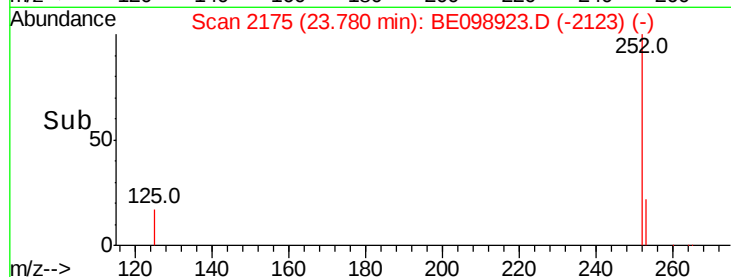
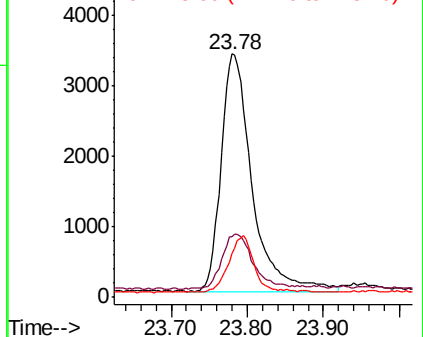
125 18.2 9.0 13.4#



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: 0.363 ng

RT: 26.55 min Scan# 2947

Delta R.T. -0.02 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

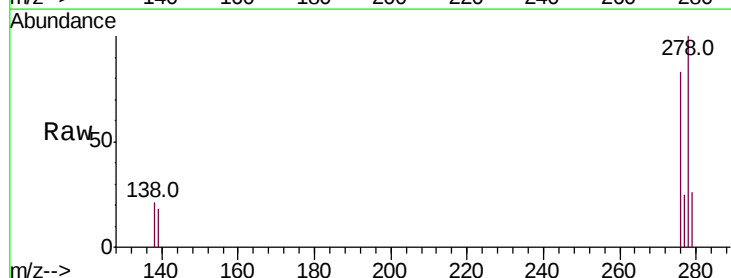
Tgt Ion:278 Resp: 8537

Ion Ratio Lower Upper

278 100

139 17.9 11.8 17.6#

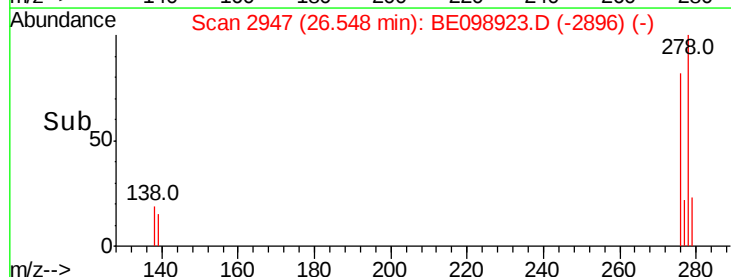
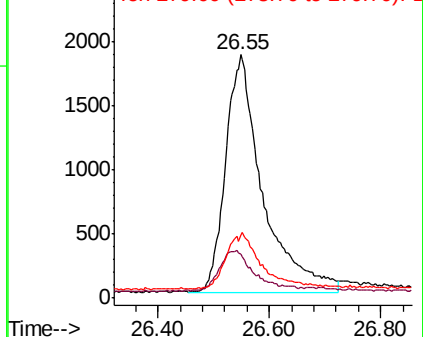
279 25.7 21.1 31.7

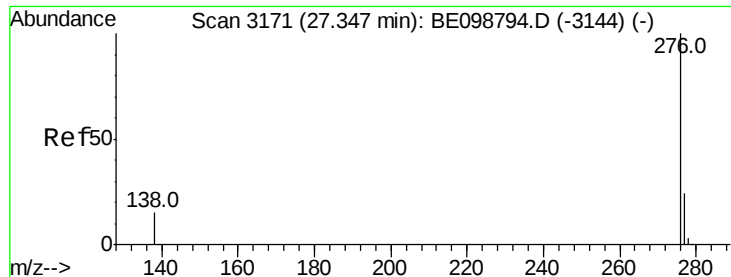


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.370 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BE098923.D

Acq: 13 Mar 2019 22:08

Instrument :

BNA_E

ClientSampleId :

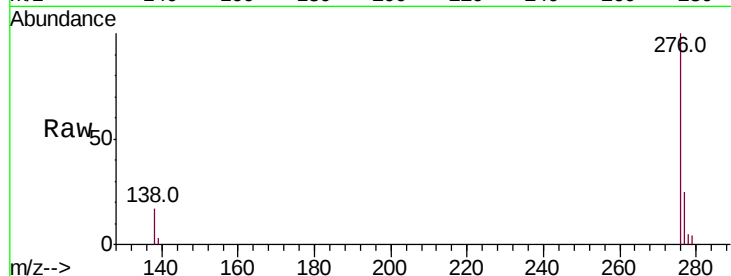
Tot Ion:276 Resp: 9115

Ion Ratio Lower Upper

276 100

277 25.1 20.4 30.6

138 17.0 13.6 20.4



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

