

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
 Data File : BE098819.D
 Acq On : 7 Mar 2019 14:23
 Operator : JU/SJ
 Sample : K1655-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWPMSD

Quant Time: Mar 08 03:34:50 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	7.78	152	870	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3597	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2404	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6056	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7766	0.40	ng	-0.01
34) Perylene-d12	23.90	264	7575	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	321	0.12	ng	0.00
5) Phenol-d6	6.97	99	321	0.09	ng	-0.01
8) Nitrobenzene-d5	8.95	82	1401	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.20	152	2607	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	382	0.31	ng	-0.02
15) 2-Fluorobiphenyl	13.07	172	4287	0.43	ng	-0.01
25) Fluoranthene-d10	19.24	212	38022	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	9769	0.52	ng	0.00

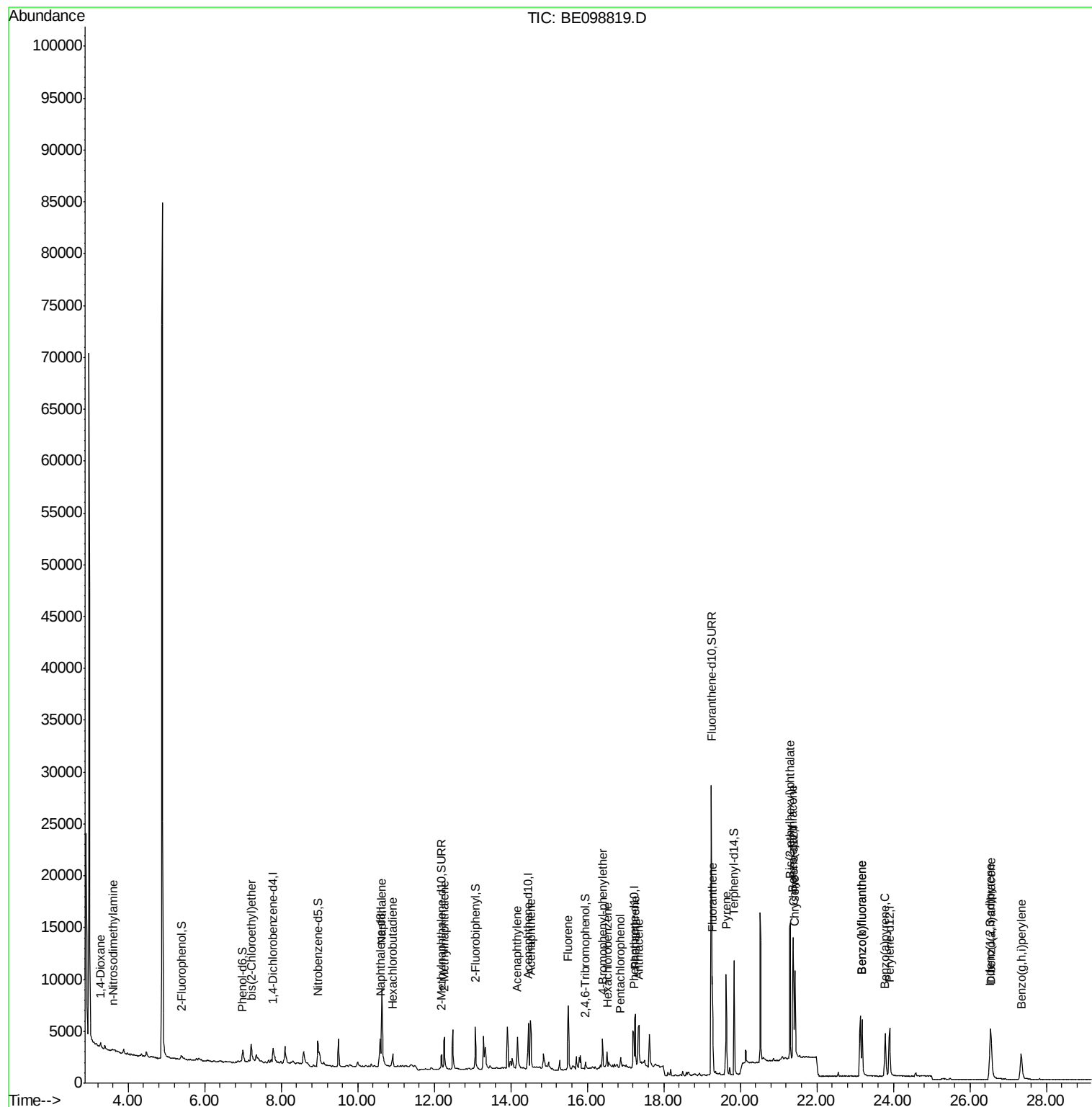
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	244	0.078	ng	# 46
3) n-Nitrosodimethylamine	3.61	42	238	0.109	ng	# 84
6) bis(2-Chloroethyl)ether	7.22	93	936	0.330	ng	# 80
9) Naphthalene	10.63	128	15391	0.374	ng	99
10) Hexachlorobutadiene	10.91	225	874	0.321	ng	97
12) 2-Methylnaphthalene	12.27	142	2753	0.412	ng	97
16) Acenaphthylene	14.17	152	4240	0.343	ng	96
17) Acenaphthene	14.51	154	2502	0.341	ng	98
18) Fluorene	15.50	166	3749	0.354	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1279	0.390	ng	93
21) Hexachlorobenzene	16.52	284	1321	0.338	ng	98
22) Pentachlorophenol	16.87	266	696	0.788	ng	# 83
23) Phenanthrene	17.25	178	6577	0.382	ng	97
24) Anthracene	17.35	178	5506	0.374	ng	99
26) Fluoranthene	19.27	202	8576	0.353	ng	99
28) Pyrene	19.63	202	9095	0.383	ng	99
30) Benzo(a)anthracene	21.38	228	8791	0.363	ng	98
31) Chrysene	21.43	228	8990	0.347	ng	96
32) Bis(2-ethylhexyl)phthalate	21.31	149	18928	0.367	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	8159	0.298	ng	# 92
35) Benzo(b)fluoranthene	23.18	252	8983	0.361	ng	98
36) Benzo(k)fluoranthene	23.18	252	9023	0.346	ng	100
37) Benzo(a)pyrene	23.79	252	7573	0.317	ng	# 97
38) Dibenzo(a,h)anthracene	26.55	278	6622	0.293	ng	98
39) Benzo(g,h,i)perylene	27.34	276	6662	0.282	ng	98

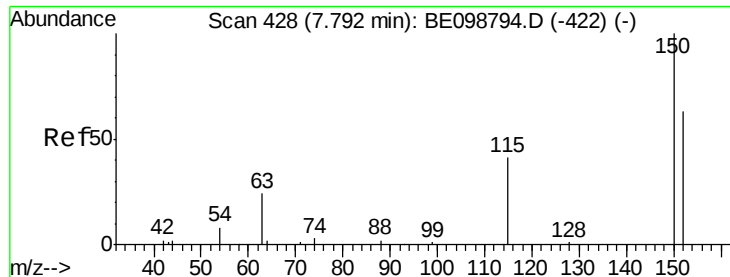
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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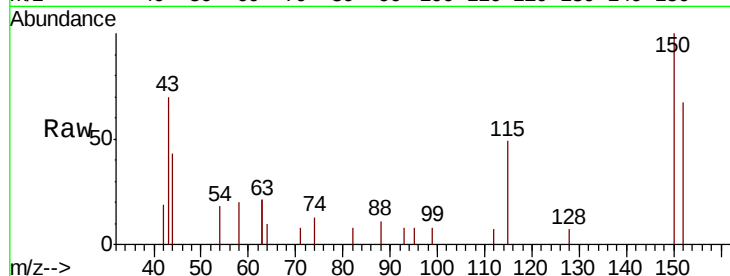


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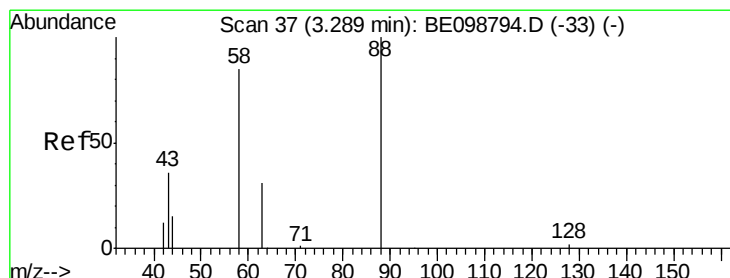
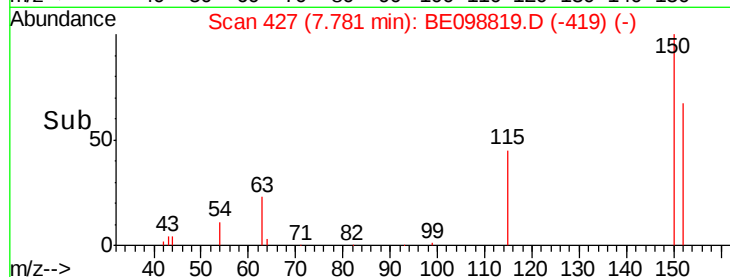
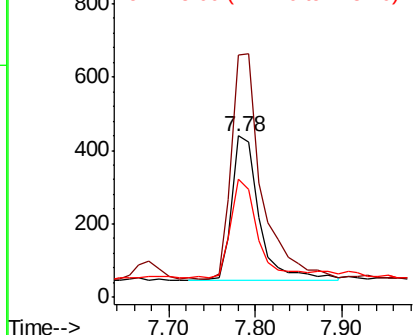
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMDS

Tgt Ion:152 Resp: 870
Ion Ratio Lower Upper
152 100
150 150.1 122.5 183.7
115 72.9 57.4 86.2



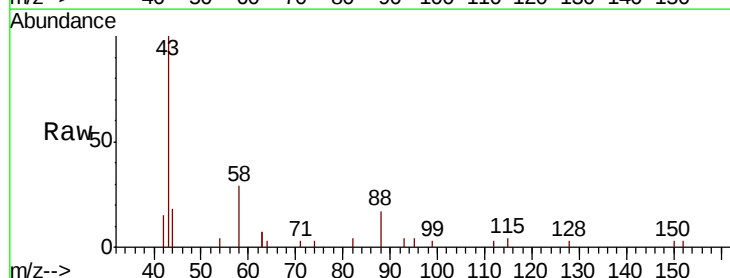
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



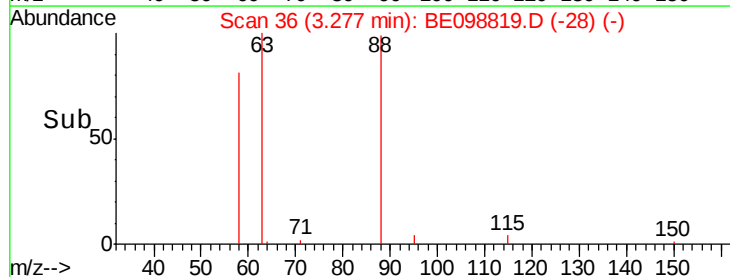
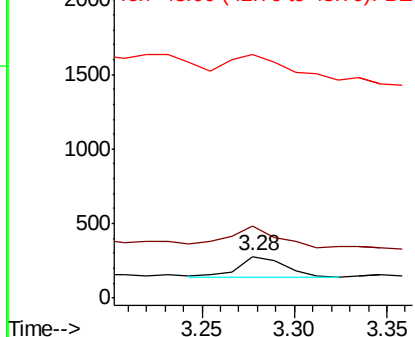
#2

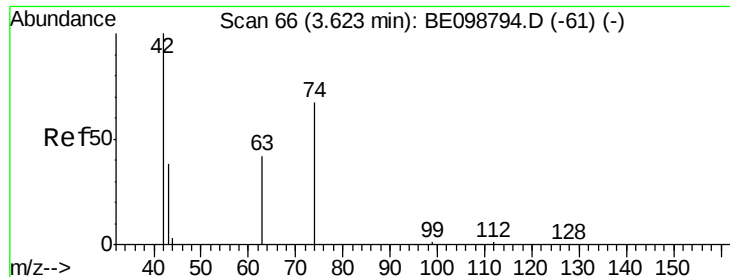
1,4-Dioxane
Concen: 0.078 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
58 90.6 75.8 113.6
43 154.5 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



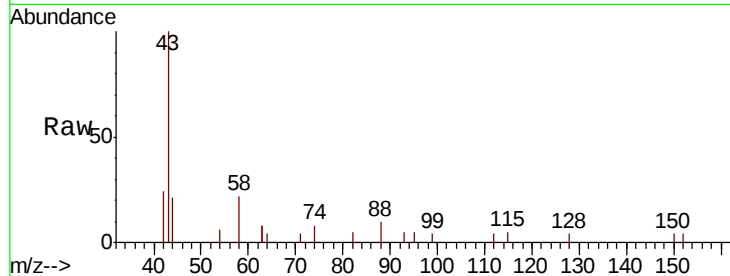


#3

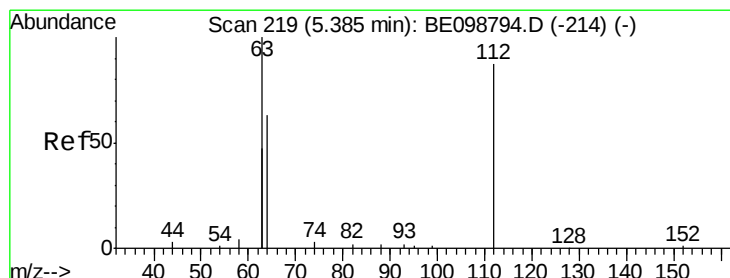
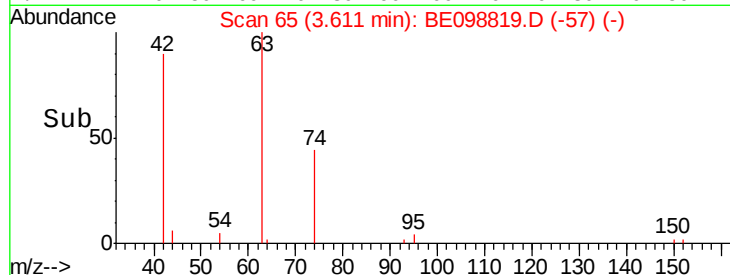
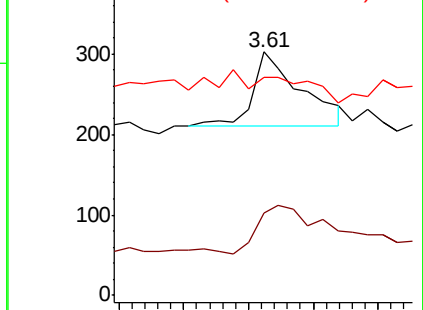
n-Nitrosodimethylamine
 Concen: 0.109 ng
 RT: 3.61 min Scan# 65
 Delta R.T. -0.01 min
 Lab File: BE098819.D
 Acq: 7 Mar 2019 14:23

Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWPMDS

Tgt Ion: 42 Resp: 238
 Ion Ratio Lower Upper
 42 100
 74 84.5 57.0 85.4
 44 0.0 0.0 0.0



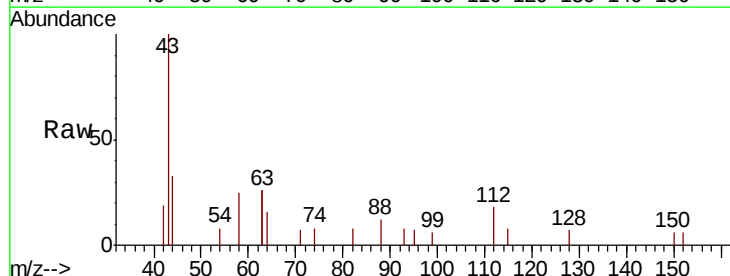
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



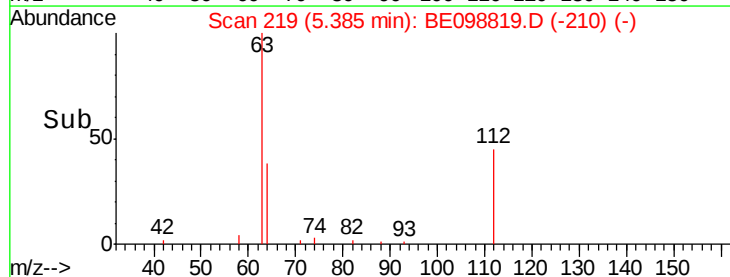
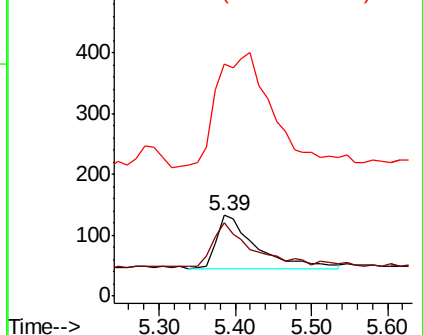
#4

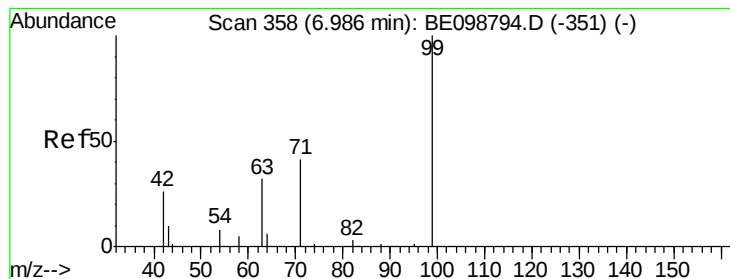
2-Fluorophenol
 Concen: 0.123 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE098819.D
 Acq: 7 Mar 2019 14:23

Tgt Ion: 112 Resp: 321
 Ion Ratio Lower Upper
 112 100
 64 75.7 57.9 86.9
 63 0.0 158.3 237.5#



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: 0.087 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMDS

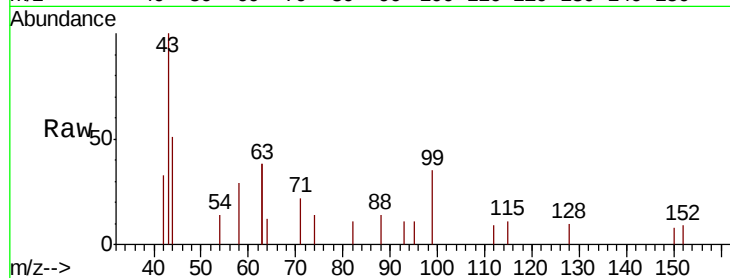
Tgt Ion: 99 Resp: 321

Ion Ratio Lower Upper

99 100

42 86.6 24.2 36.2#

71 48.3 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

250

200

150

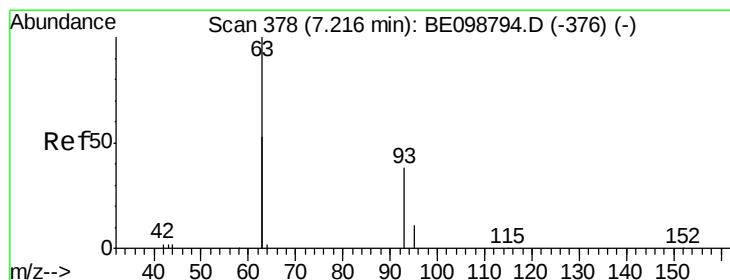
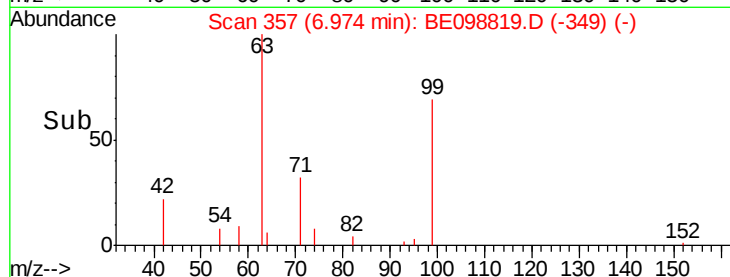
100

50

0

6.90 6.97 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.330 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

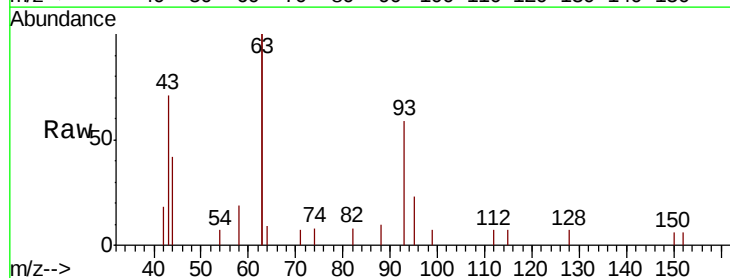
Tgt Ion: 93 Resp: 936

Ion Ratio Lower Upper

93 100

63 351.6 247.5 371.3

95 34.1 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

2000

1500

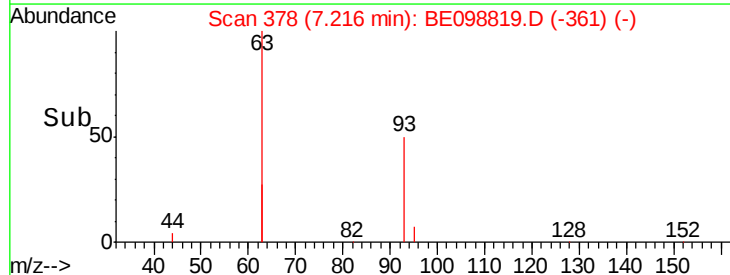
1000

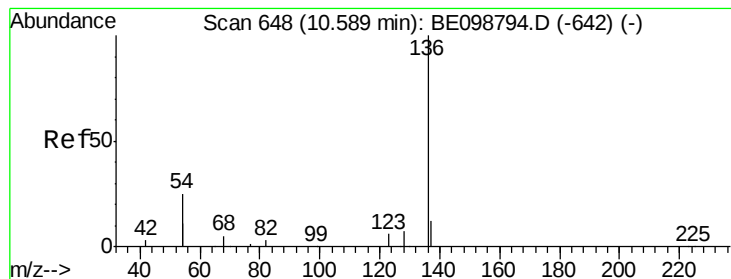
500

0

7.10 7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMDS

Tgt Ion: 136 Resp: 3597

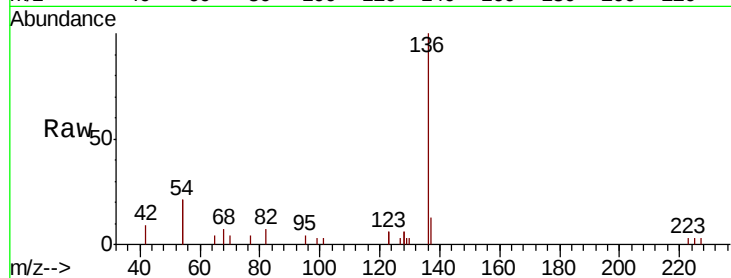
Ion Ratio Lower Upper

136 100

137 13.1 11.4 17.0

54 42.4 39.3 58.9

68 7.2 6.7 10.1

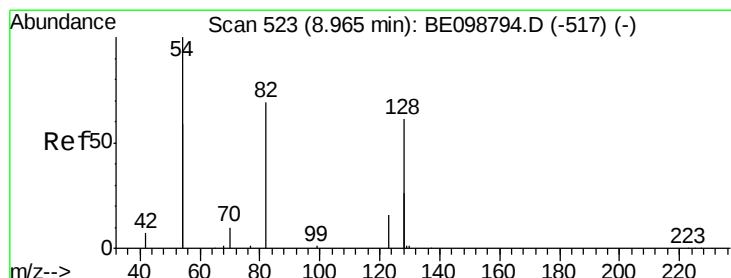
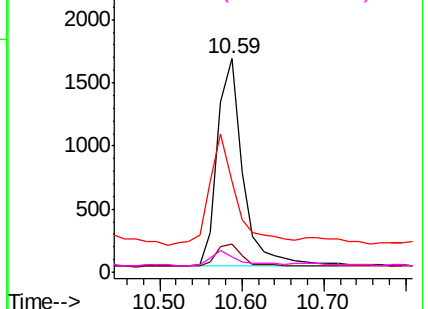
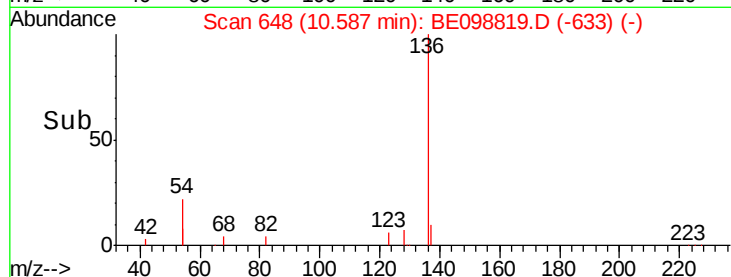


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

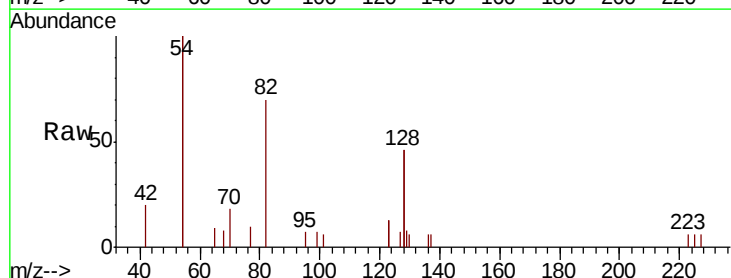
Tgt Ion: 82 Resp: 1401

Ion Ratio Lower Upper

82 100

128 132.1 123.8 185.8

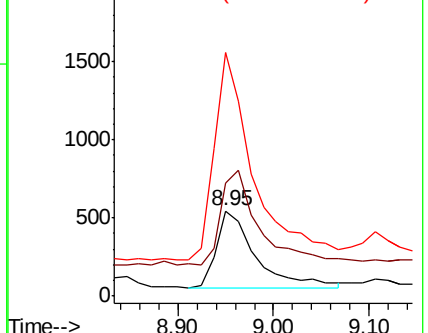
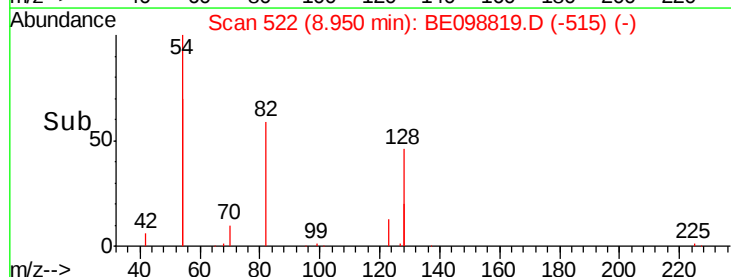
54 285.9 203.4 305.2

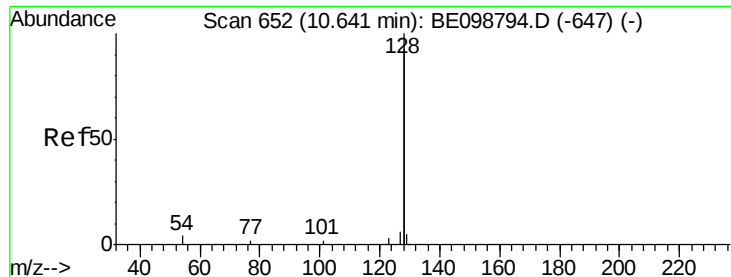


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.374 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

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ClientSampleId :

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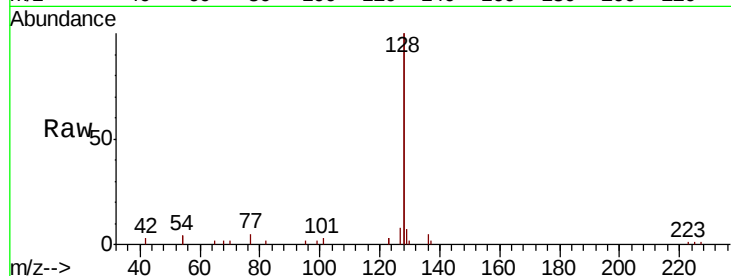
Tgt Ion:128 Resp: 15391

Ion Ratio Lower Upper

128 100

129 3.5 2.6 4.0

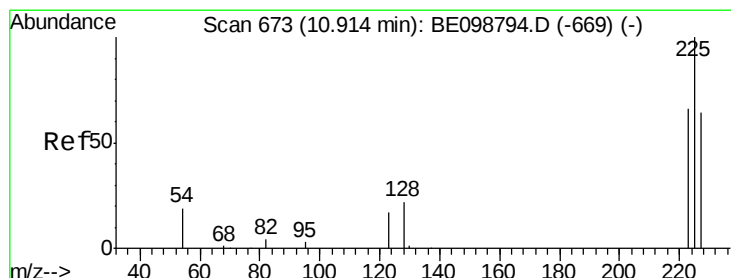
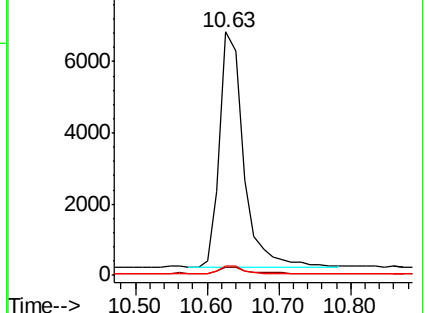
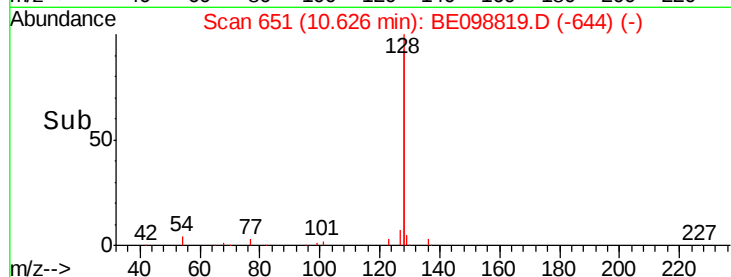
127 4.1 3.1 4.7



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: 0.321 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

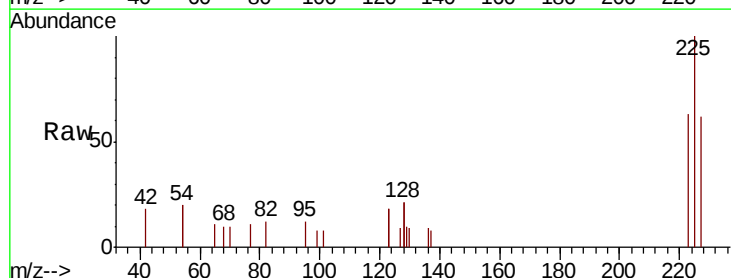
Tgt Ion:225 Resp: 874

Ion Ratio Lower Upper

225 100

223 62.6 51.1 76.7

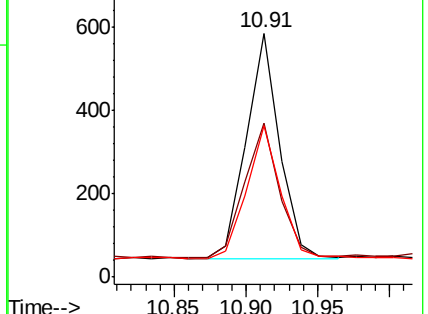
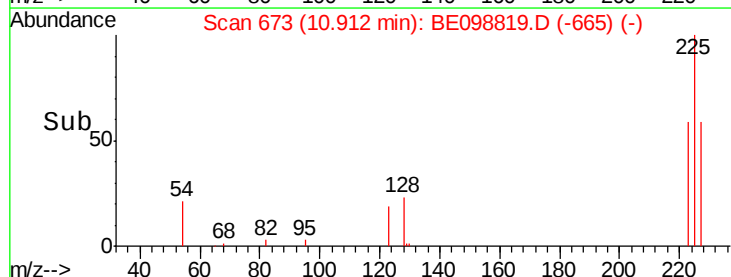
227 60.4 51.6 77.4

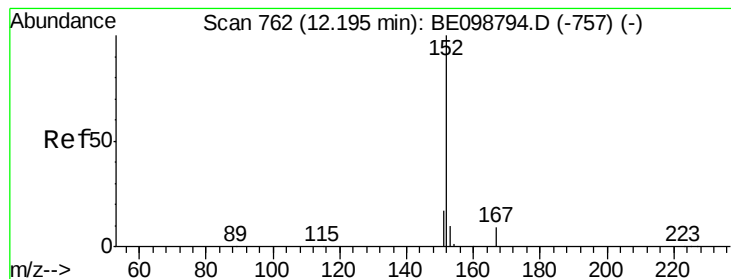


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

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ClientSampleId :

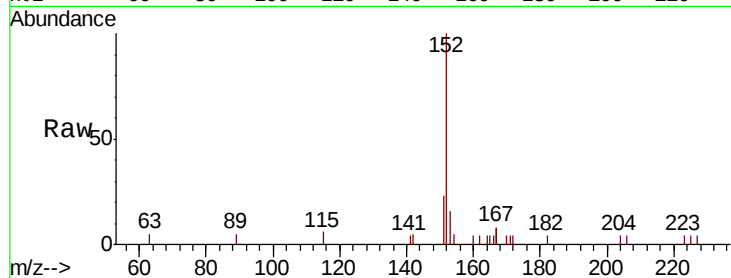
A0C1-TWPMSD

Tgt Ion:152 Resp: 2607

Ion Ratio Lower Upper

152 100

151 18.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

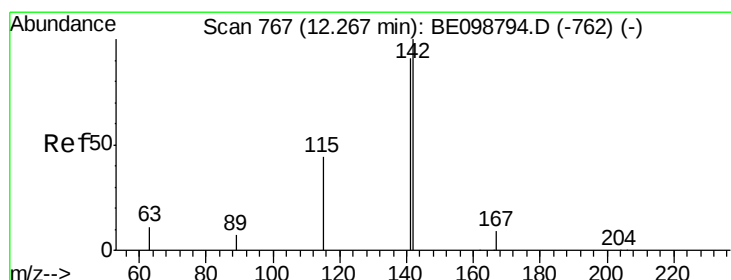
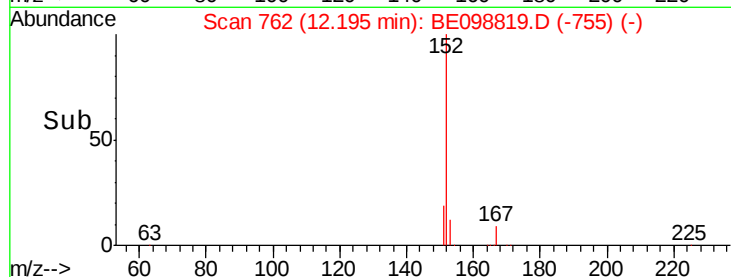
12.20

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.412 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

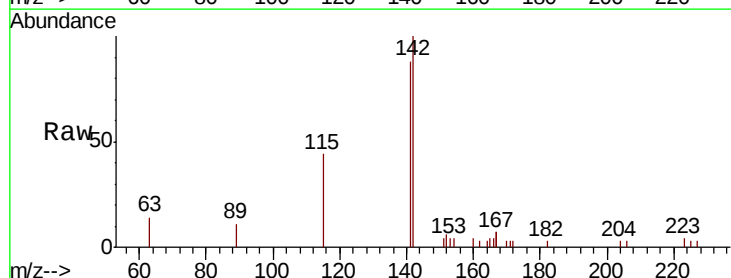
Tgt Ion:142 Resp: 2753

Ion Ratio Lower Upper

142 100

141 87.8 72.6 108.8

115 44.3 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

12.27

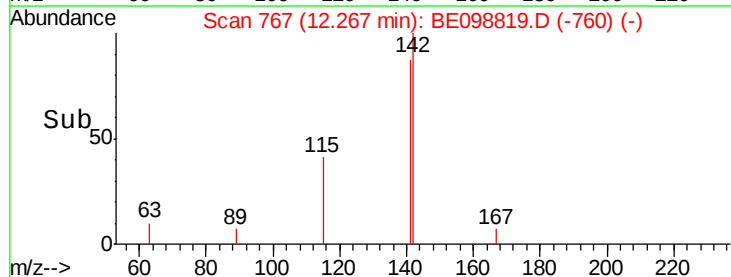
1500

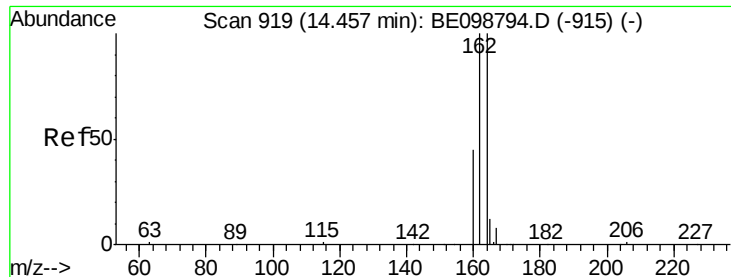
1000

500

0

Time-->

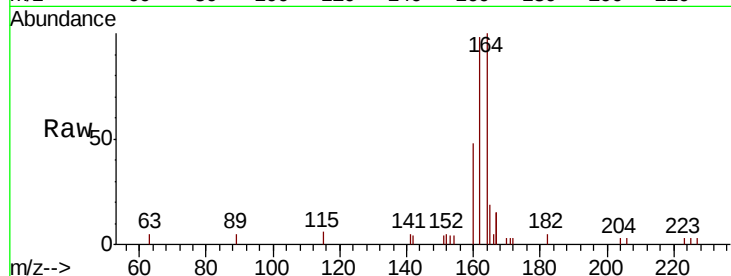




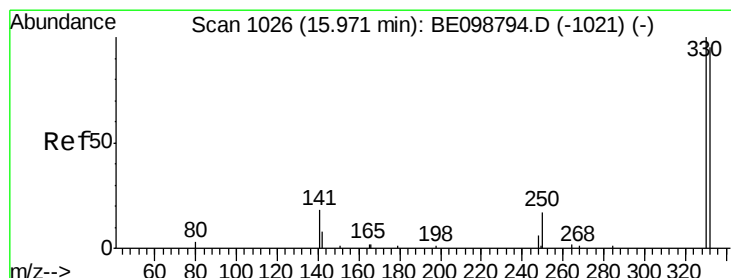
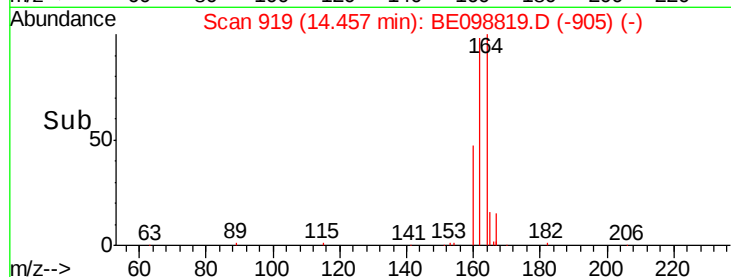
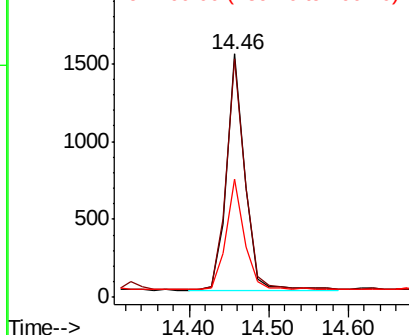
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMDS

Tgt Ion:164 Resp: 2404
Ion Ratio Lower Upper
164 100
162 98.1 80.2 120.2
160 48.5 37.8 56.8

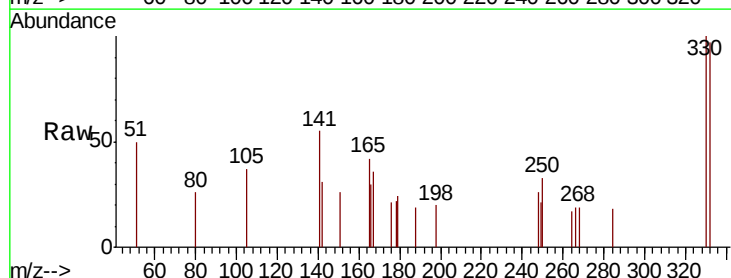


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

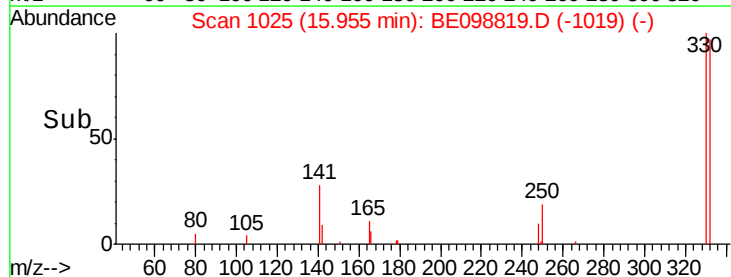
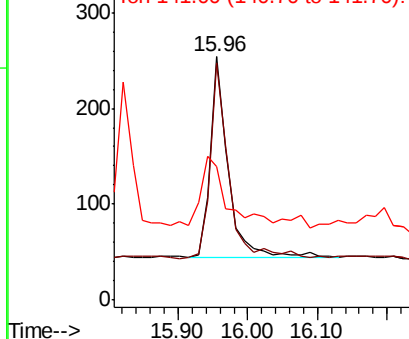


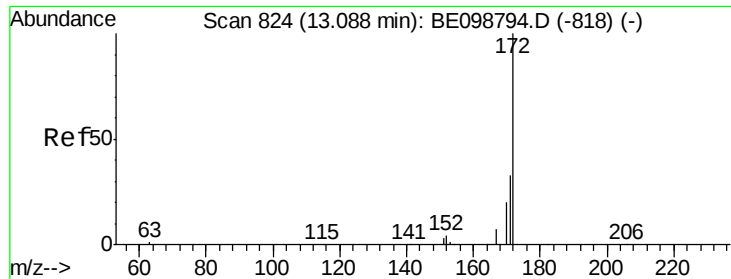
#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:330 Resp: 382
Ion Ratio Lower Upper
330 100
332 100.3 77.6 116.4
141 46.6 31.0 46.4#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

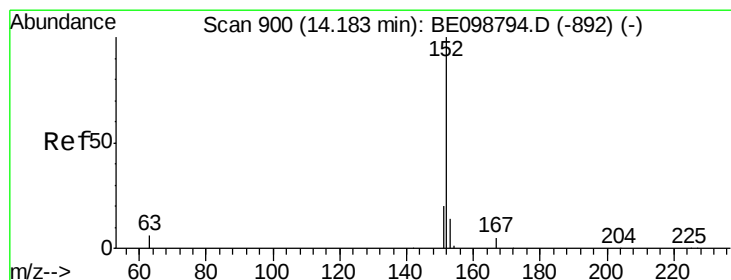
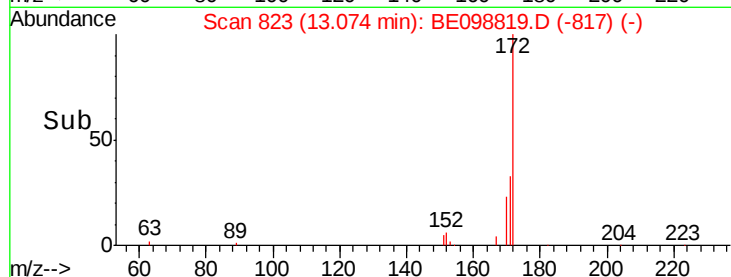
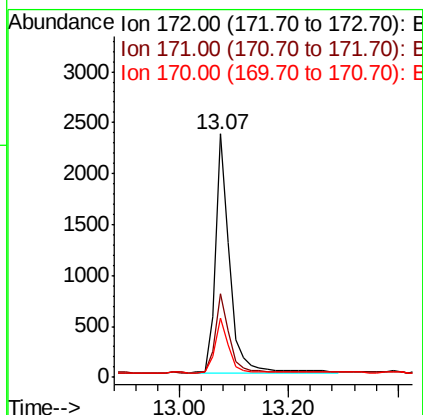
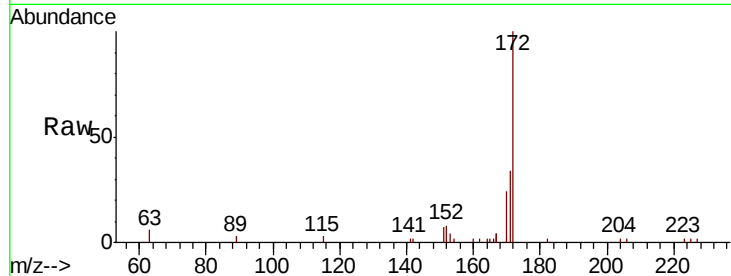




#15
 2-Fluorobiphenyl
 Concen: 0.431 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE098819.D
 Acq: 7 Mar 2019 14:23

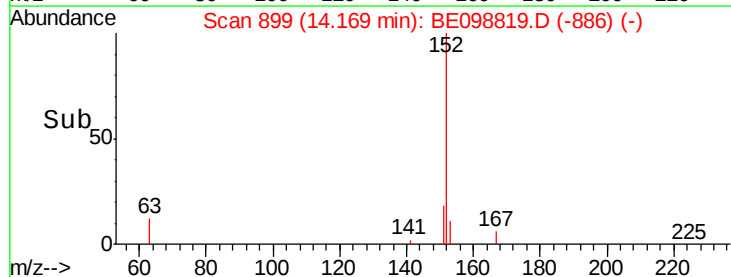
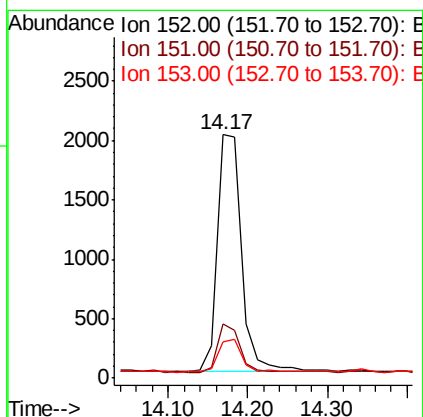
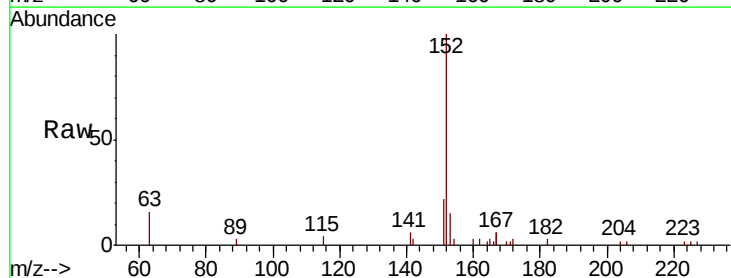
Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWPMDS

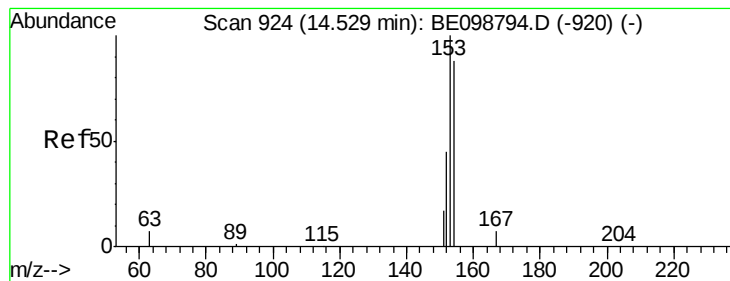
Tgt Ion:172 Resp: 4287
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.0 42.0
 170 24.4 17.7 26.5



#16
 Acenaphthylene
 Concen: 0.343 ng
 RT: 14.17 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BE098819.D
 Acq: 7 Mar 2019 14:23

Tgt Ion:152 Resp: 4240
 Ion Ratio Lower Upper
 152 100
 151 18.6 17.0 25.6
 153 13.3 11.2 16.8





#17

Acenaphthene

Concen: 0.341 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMDS

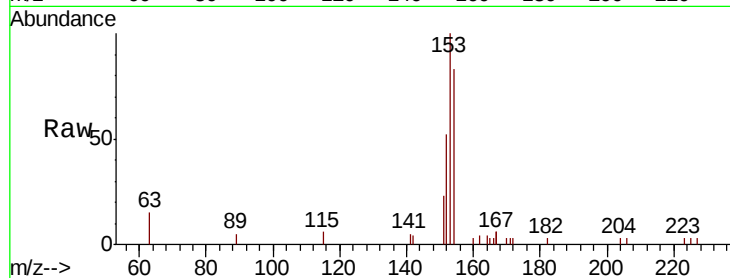
Tgt Ion:154 Resp: 2502

Ion Ratio Lower Upper

154 100

153 115.7 94.2 141.4

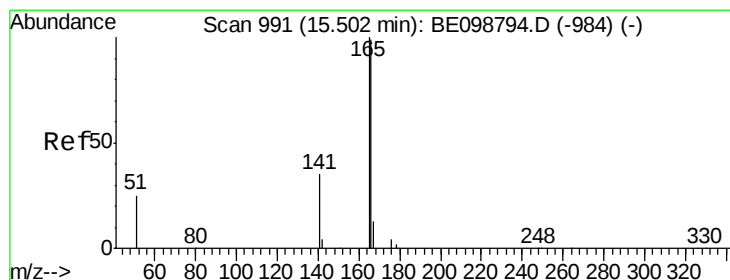
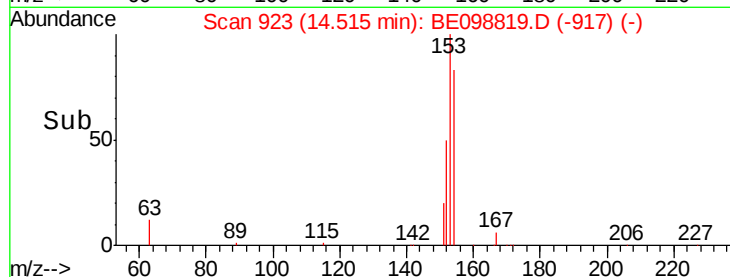
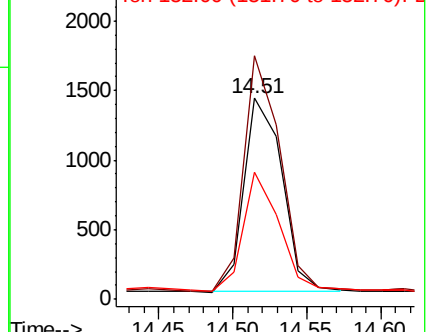
152 57.2 45.0 67.4



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: 0.354 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

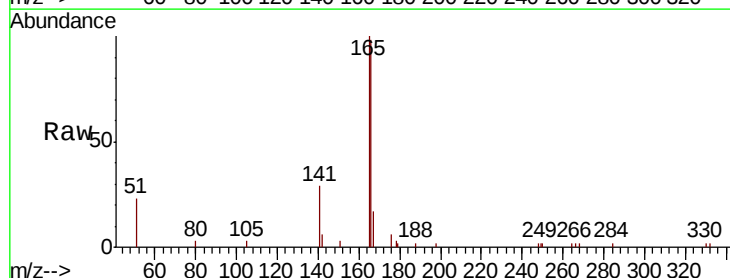
Tgt Ion:166 Resp: 3749

Ion Ratio Lower Upper

166 100

165 96.9 79.3 118.9

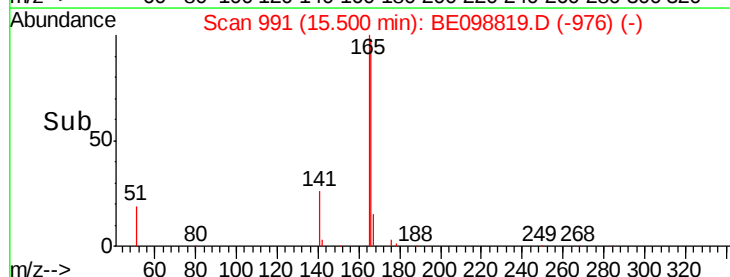
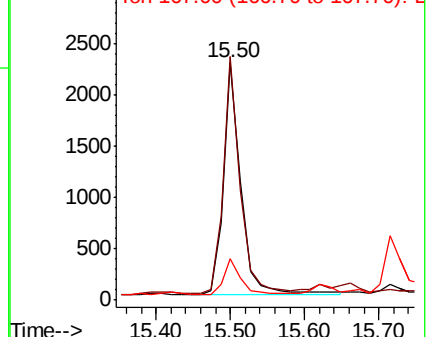
167 14.6 10.5 15.7

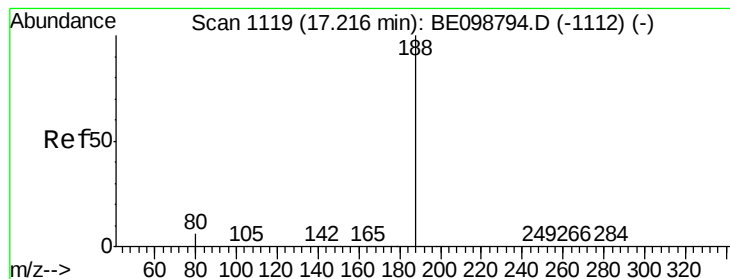


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMDS

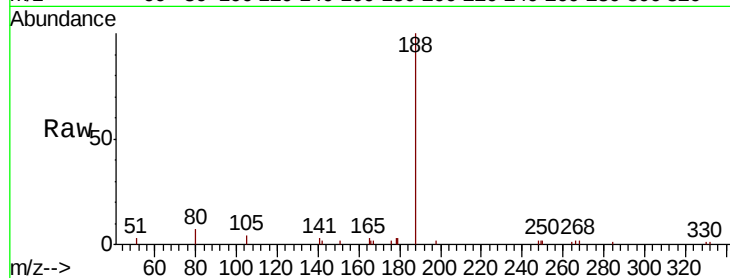
Tgt Ion:188 Resp: 6056

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

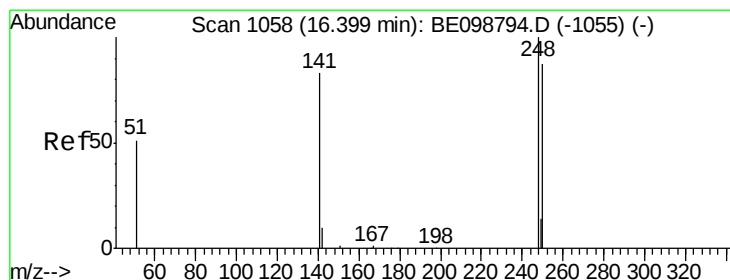
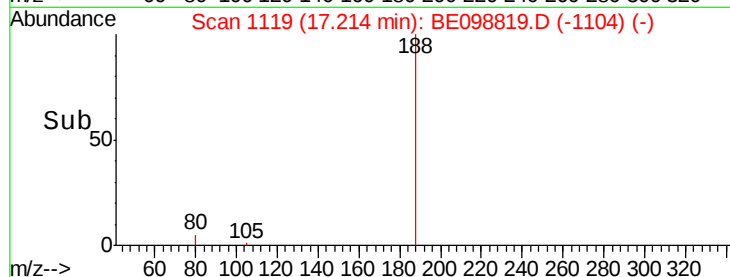
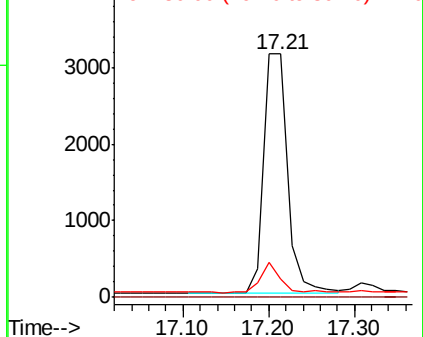
80 7.4 6.3 9.5



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: 0.390 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

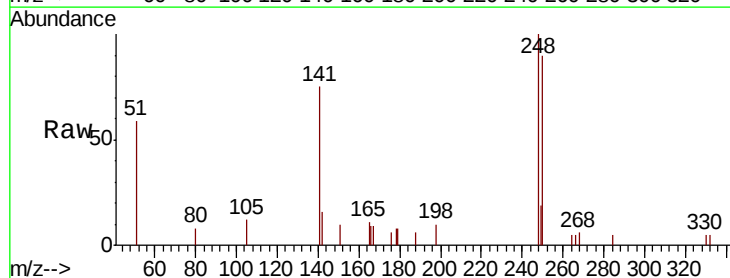
Tgt Ion:248 Resp: 1279

Ion Ratio Lower Upper

248 100

250 90.0 70.6 105.8

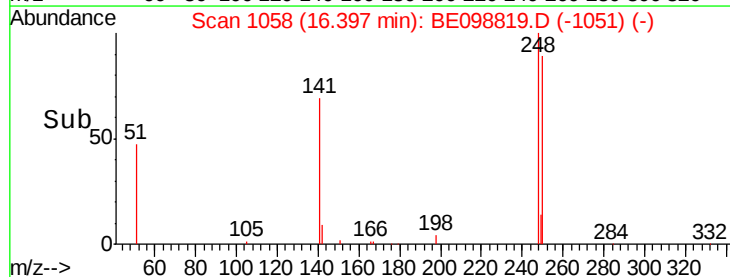
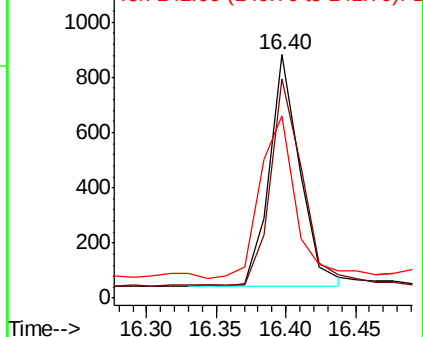
141 74.6 68.6 102.8

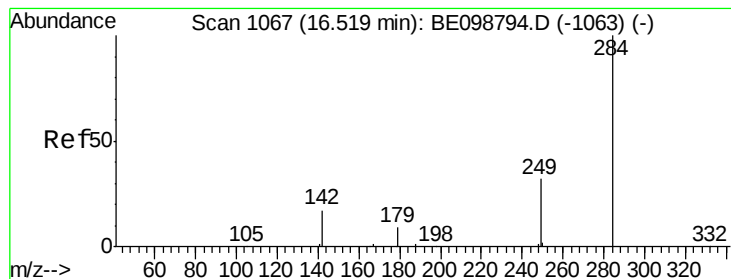


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.338 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMDS

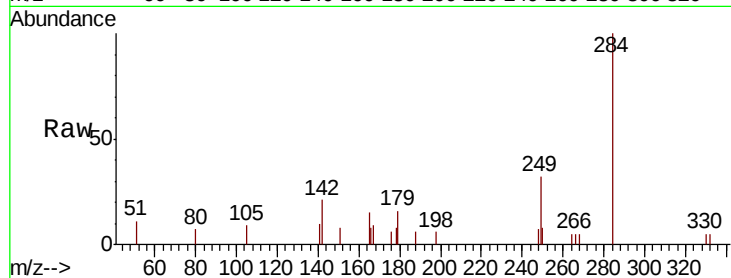
Tgt Ion:284 Resp: 1321

Ion Ratio Lower Upper

284 100

142 36.0 28.7 43.1

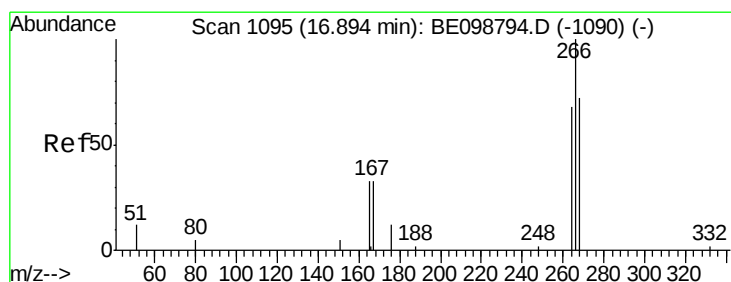
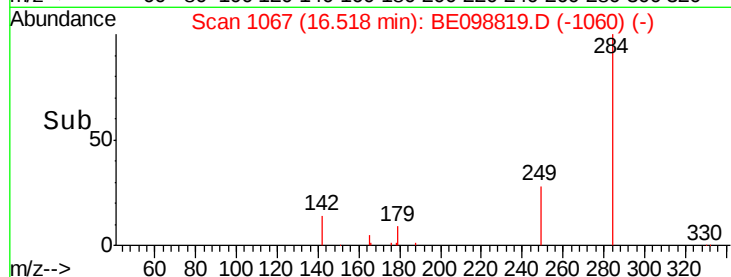
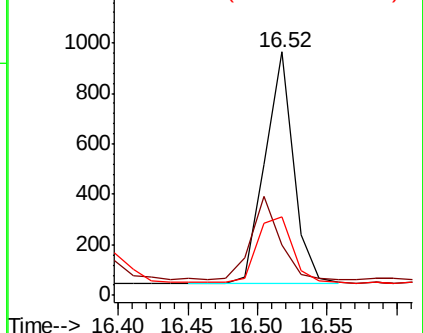
249 34.3 29.6 44.4



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: 0.788 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

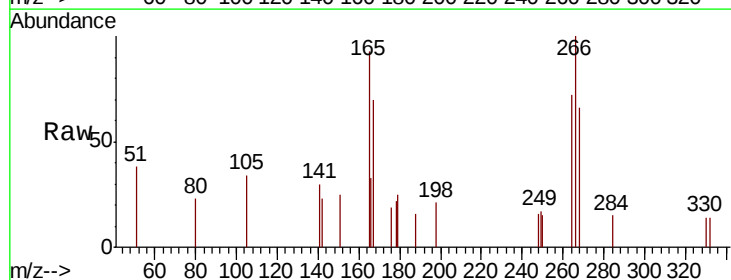
Tgt Ion:266 Resp: 696

Ion Ratio Lower Upper

266 100

264 72.4 66.6 100.0

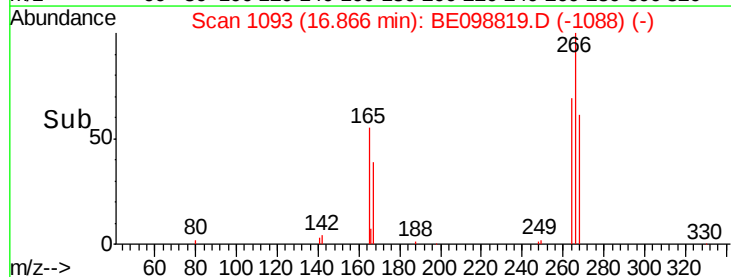
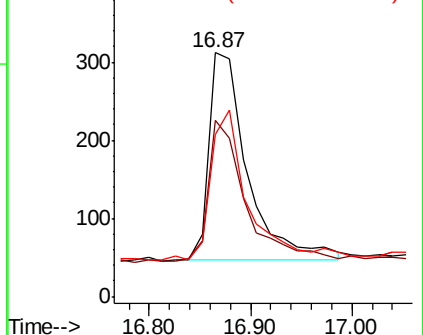
268 66.3 69.8 104.8#

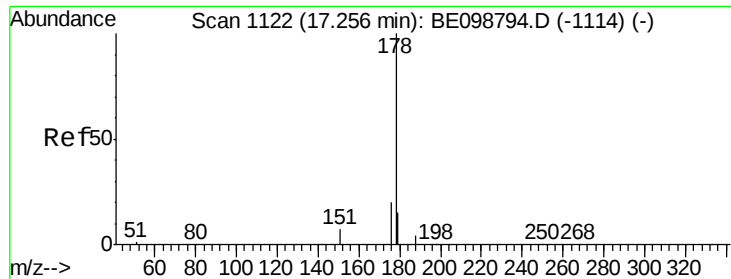


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

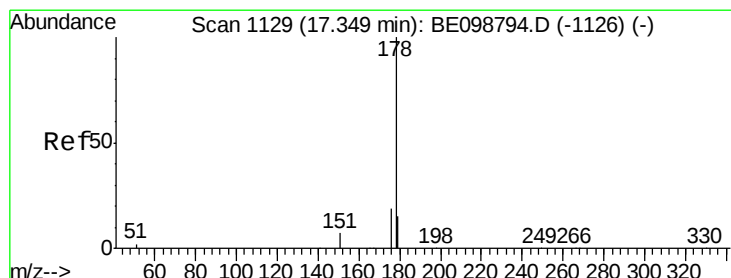
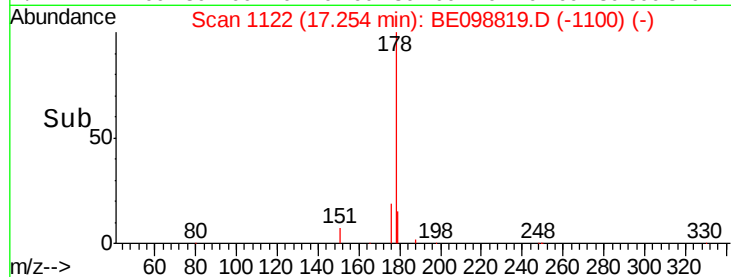
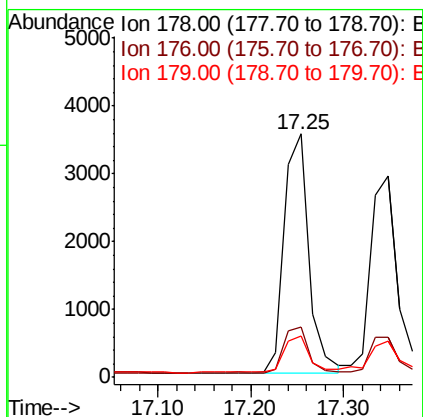
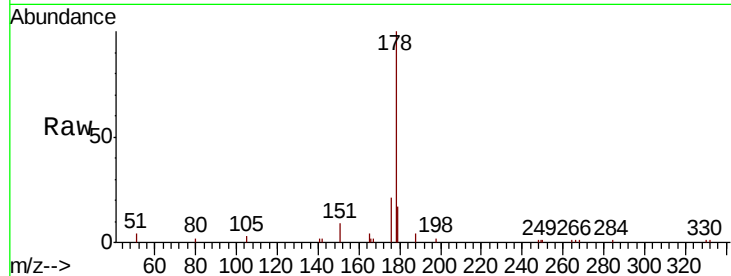




#23
Phenanthrene
Concen: 0.382 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

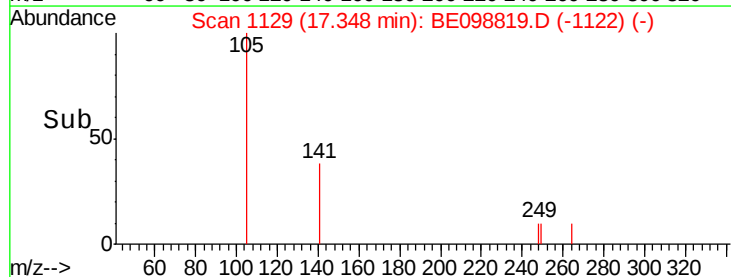
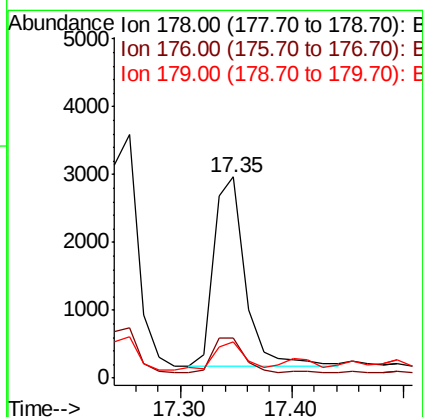
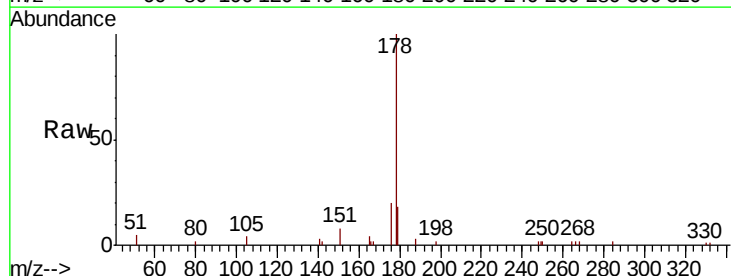
Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMDS

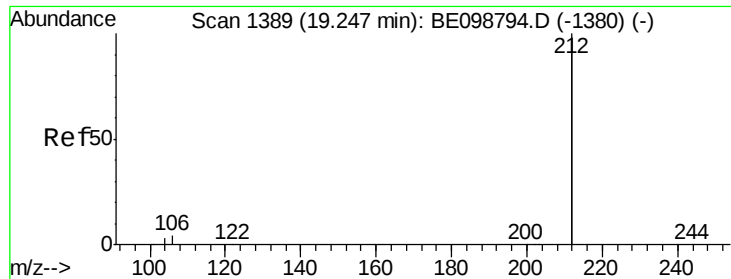
Tgt Ion:178 Resp: 6577
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 17.2 12.1 18.1



#24
Anthracene
Concen: 0.374 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:178 Resp: 5506
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 14.6 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.393 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMDS

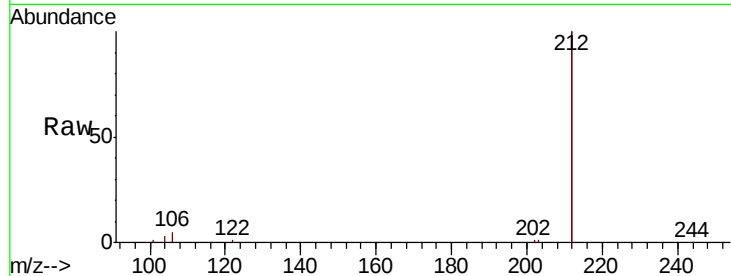
Tgt Ion:212 Resp: 38022

Ion Ratio Lower Upper

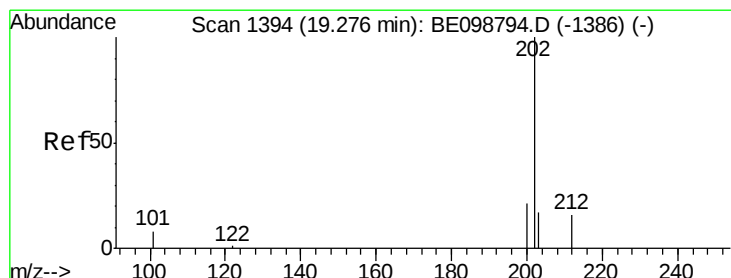
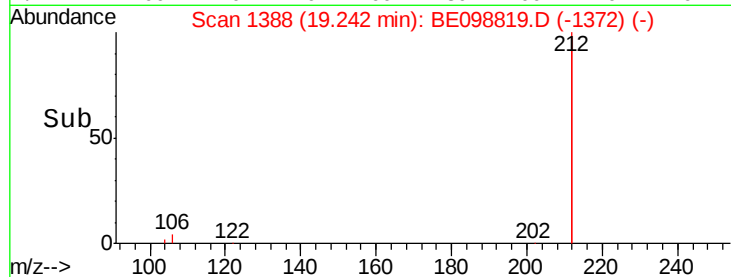
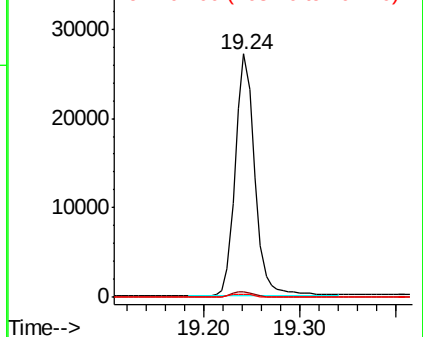
212 100

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: 0.353 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

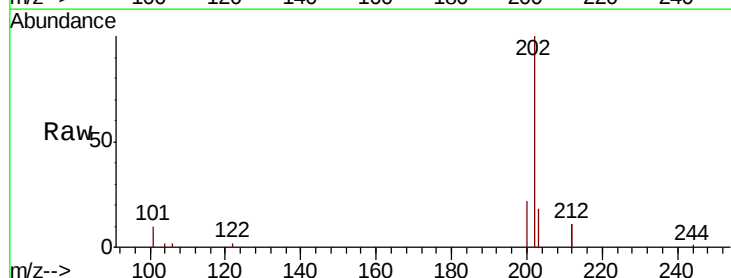
Tgt Ion:202 Resp: 8576

Ion Ratio Lower Upper

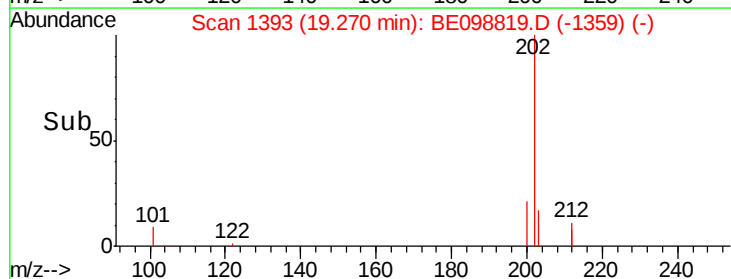
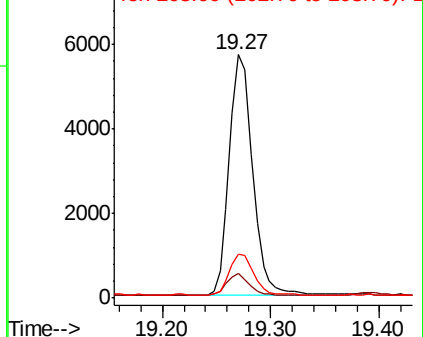
202 100

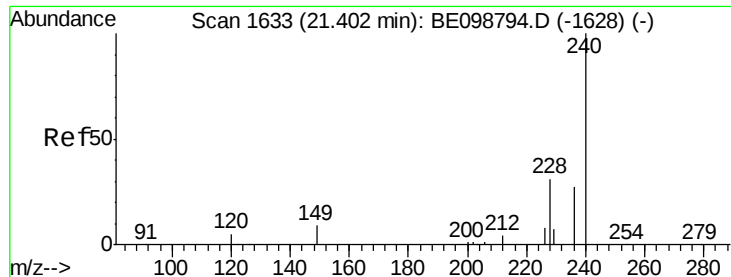
101 8.8 7.3 10.9

203 17.4 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

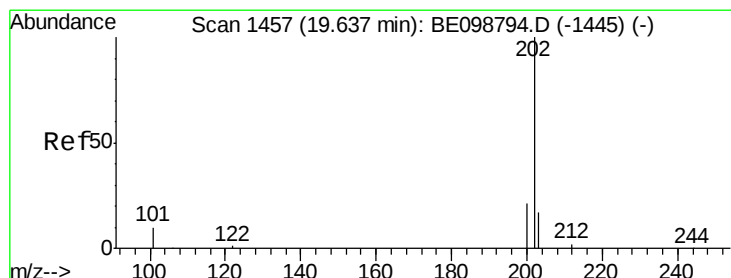
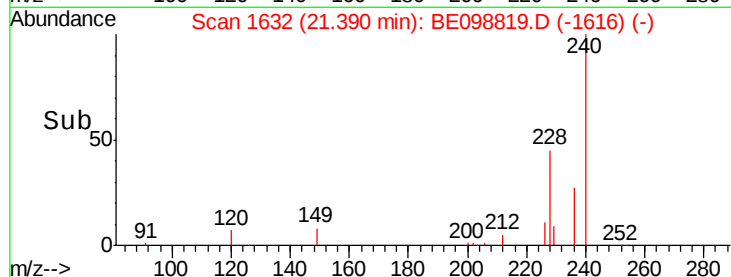
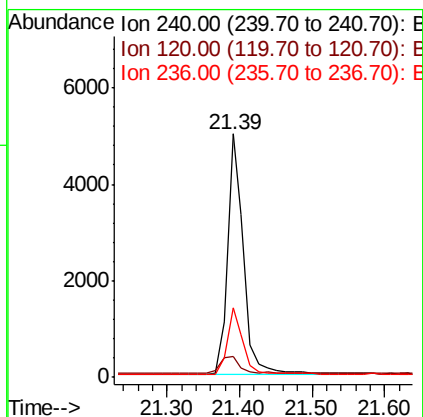
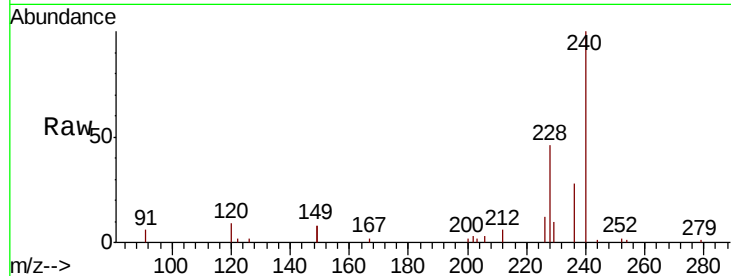




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

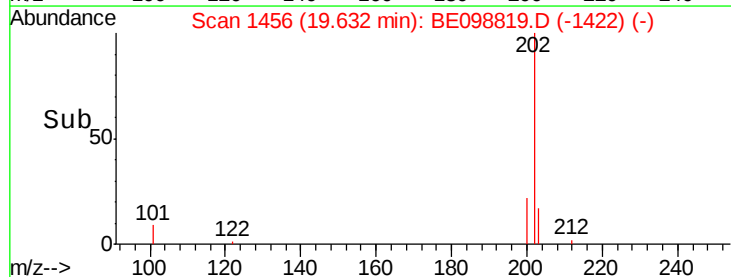
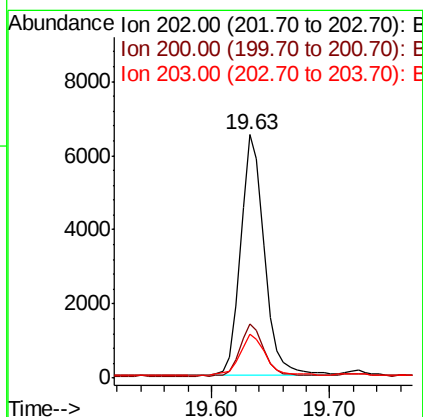
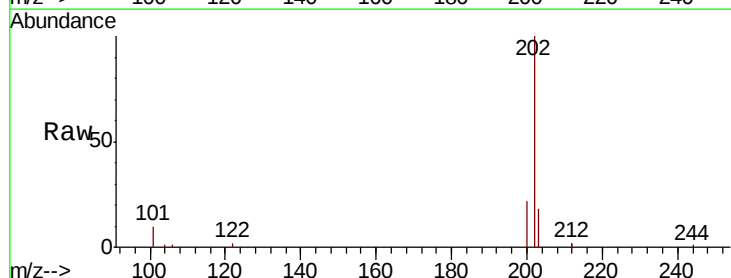
Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMDS

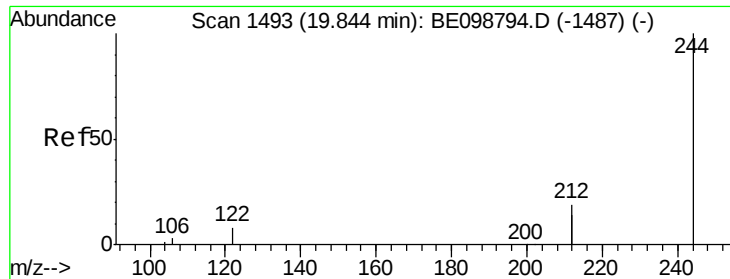
Tgt Ion:240 Resp: 7766
Ion Ratio Lower Upper
240 100
120 8.6 5.0 7.4#
236 28.4 22.7 34.1



#28
Pyrene
Concen: 0.383 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:202 Resp: 9095
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 18.4 14.2 21.2





#29

Terphenyl-d14

Concen: 0.518 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMDS

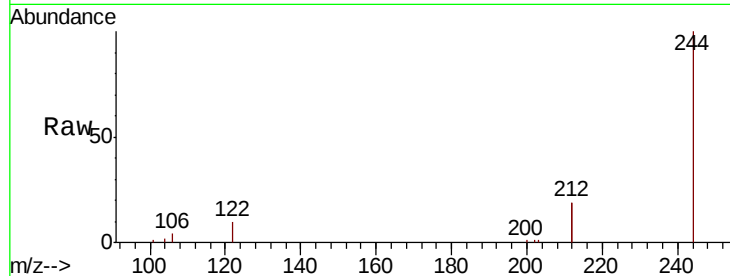
Tgt Ion:244 Resp: 9769

Ion Ratio Lower Upper

244 100

212 37.1 29.4 44.2

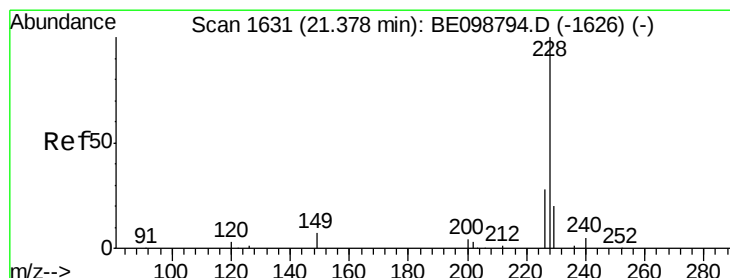
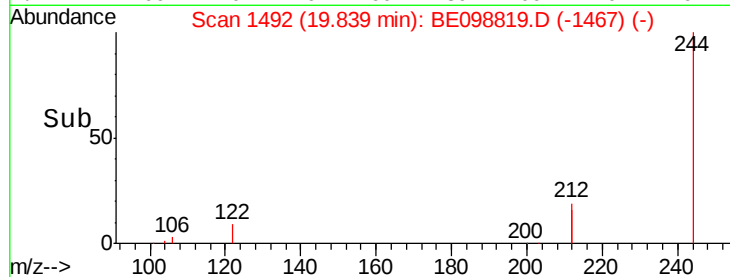
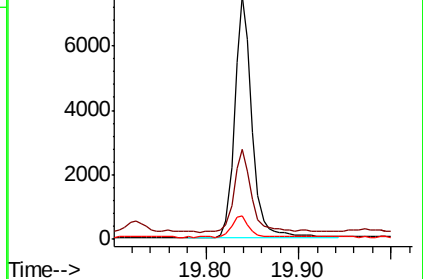
122 9.6 7.1 10.7



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: 0.363 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

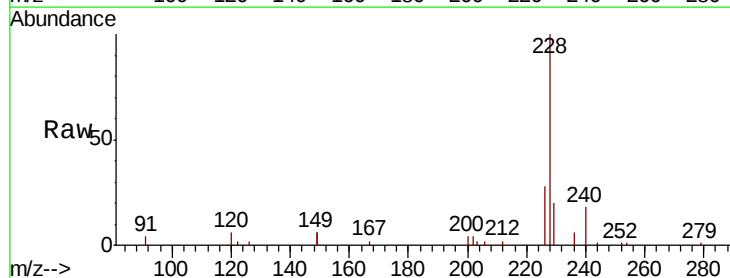
Tgt Ion:228 Resp: 8791

Ion Ratio Lower Upper

228 100

226 27.6 23.0 34.4

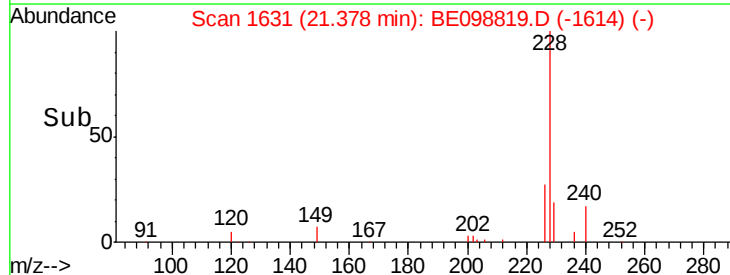
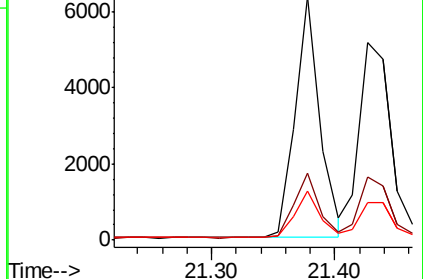
229 20.2 16.5 24.7

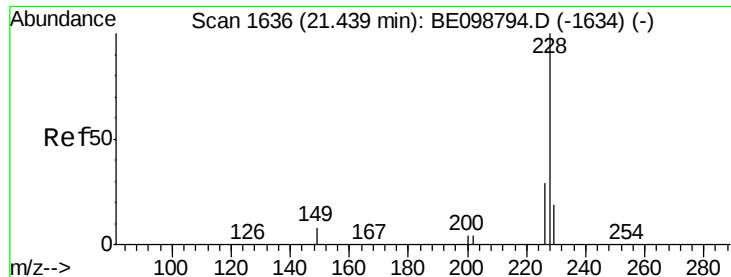


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.347 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMDS

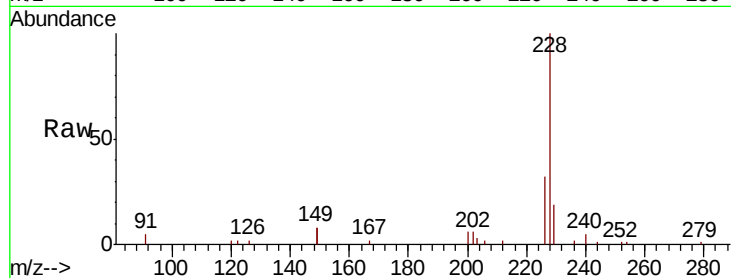
Tgt Ion:228 Resp: 8990

Ion Ratio Lower Upper

228 100

226 31.9 23.7 35.5

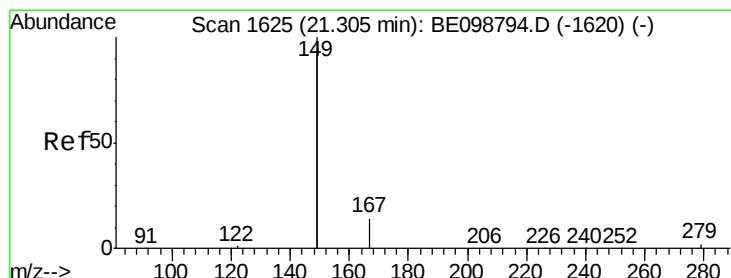
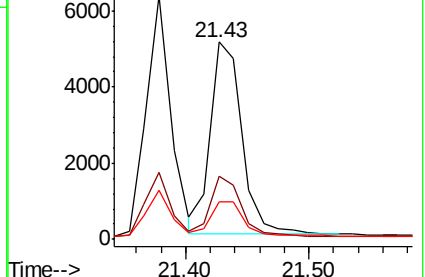
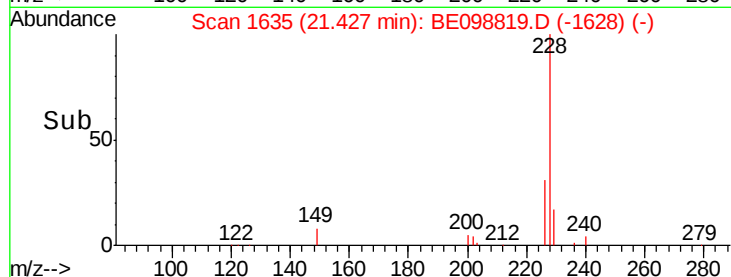
229 18.9 16.1 24.1



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: 0.367 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

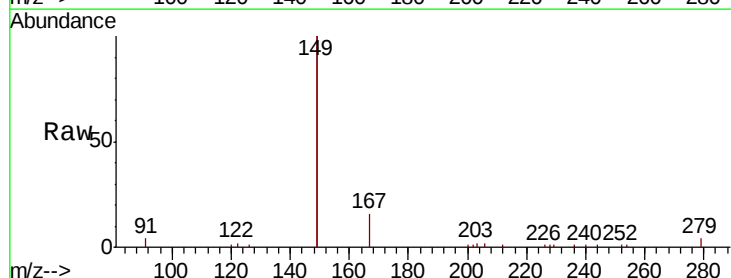
Tgt Ion:149 Resp: 18928

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

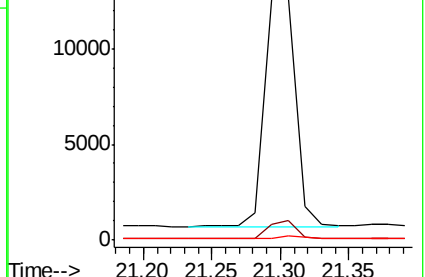
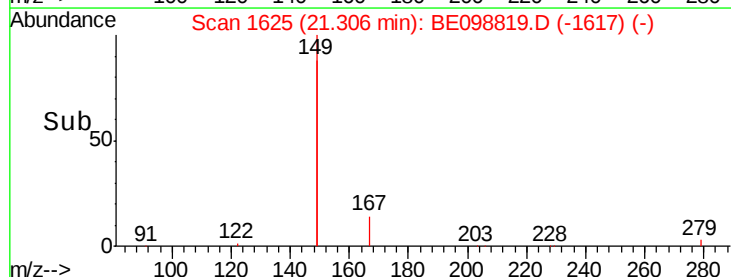
279 1.1 1.0 1.4

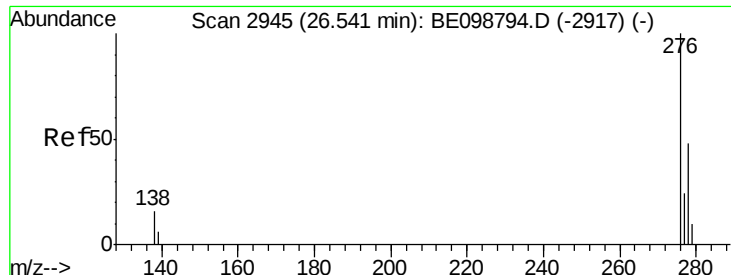


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.298 ng

RT: 26.53 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMDS

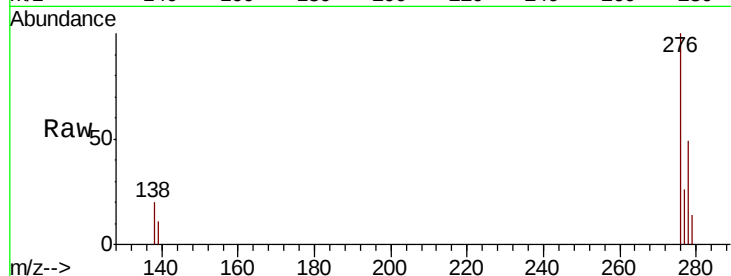
Tgt Ion:276 Resp: 8159

Ion Ratio Lower Upper

276 100

138 8.7 13.8 20.8#

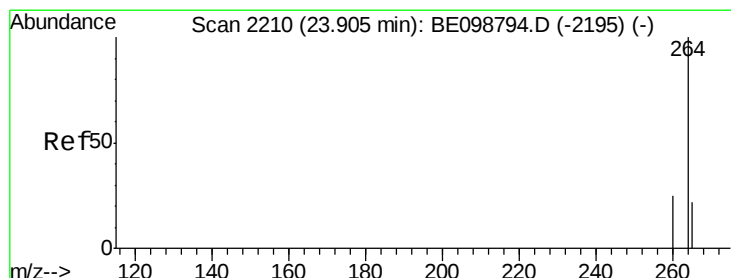
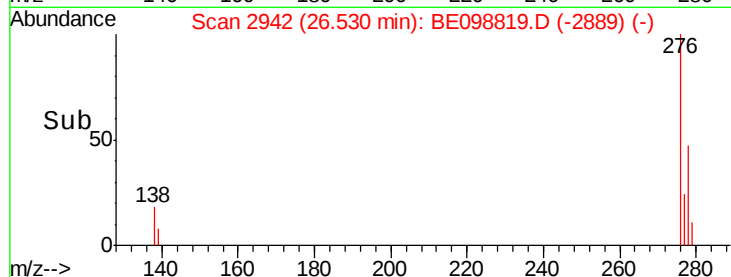
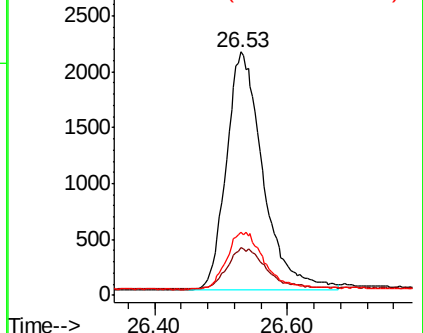
277 24.3 19.5 29.3



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# 2209

Delta R.T. -0.00 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

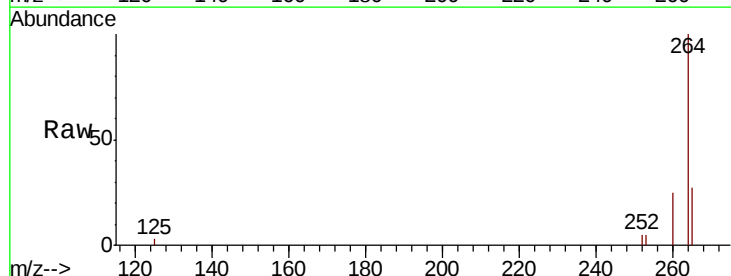
Tgt Ion:264 Resp: 7575

Ion Ratio Lower Upper

264 100

260 25.3 21.2 31.8

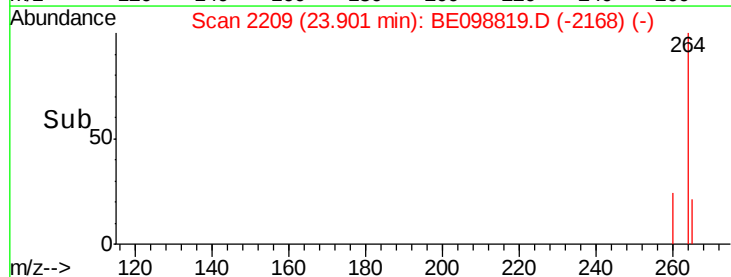
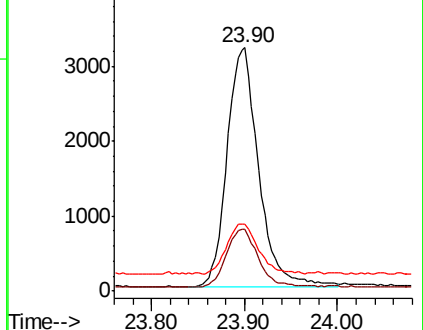
265 27.4 24.6 36.8

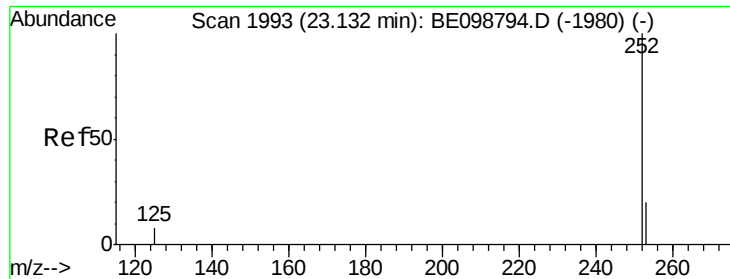


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

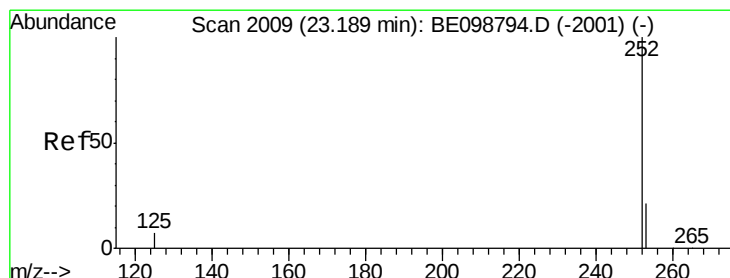
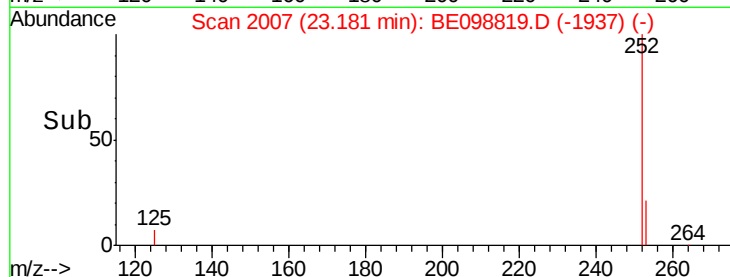
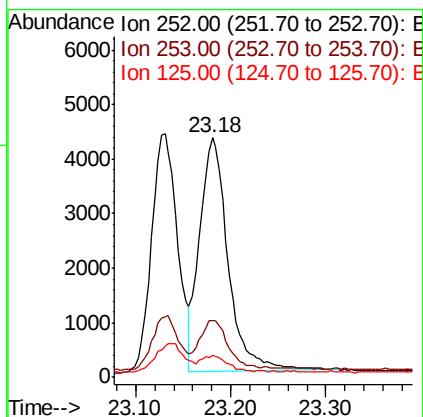
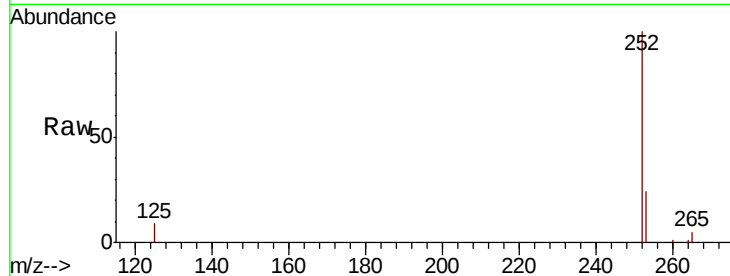




#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.05 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

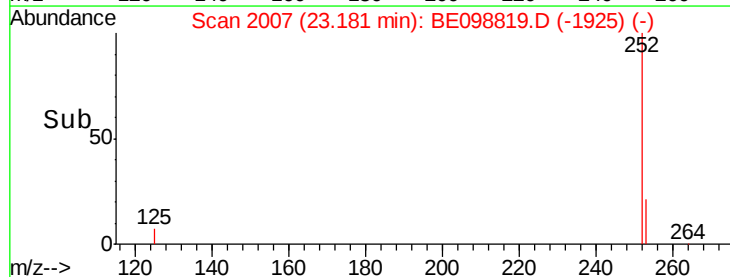
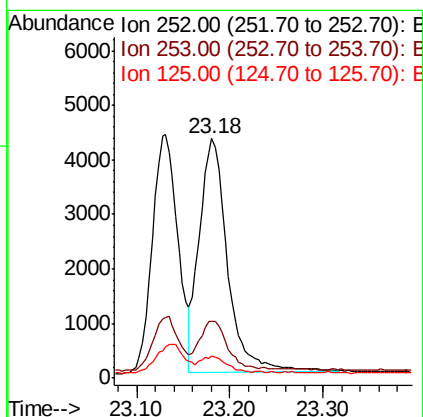
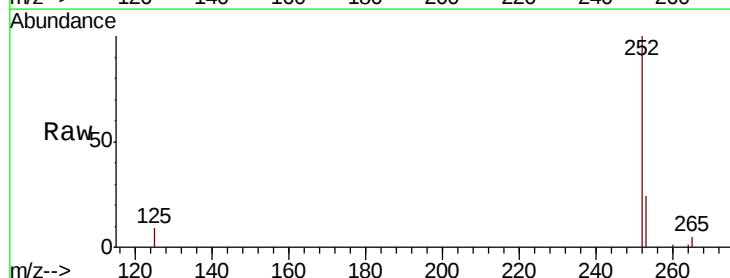
Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

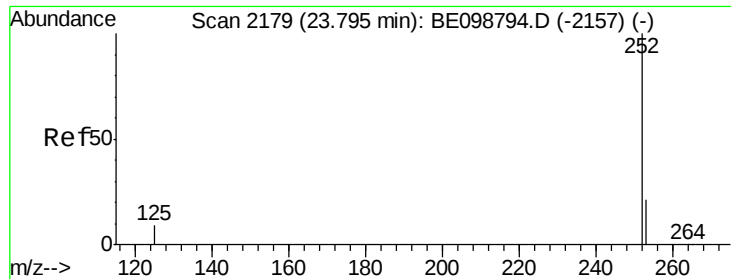
Tgt Ion:252 Resp: 8983
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.2
125 9.4 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.346 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:252 Resp: 9023
Ion Ratio Lower Upper
252 100
253 23.9 19.3 28.9
125 9.4 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.317 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMDS

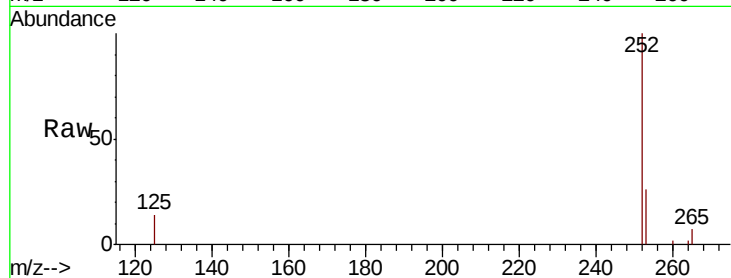
Tgt Ion:252 Resp: 7573

Ion Ratio Lower Upper

252 100

253 25.6 19.9 29.9

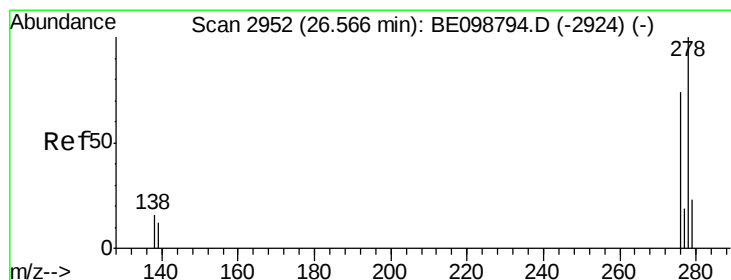
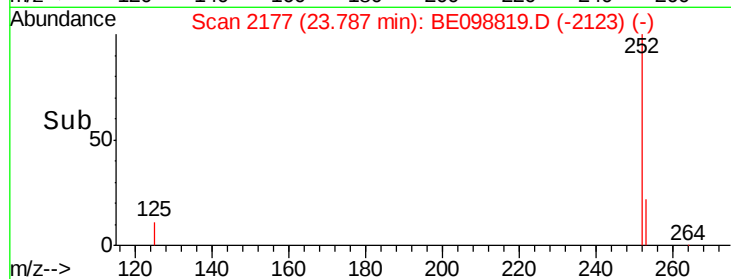
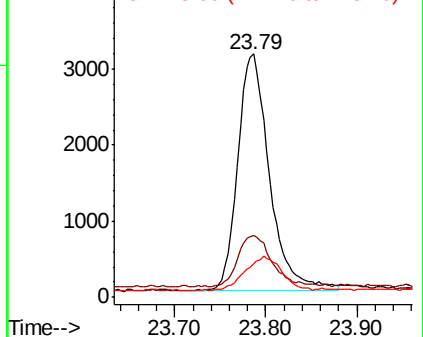
125 13.6 9.0 13.4#



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: 0.293 ng

RT: 26.55 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BE098819.D

Acq: 7 Mar 2019 14:23

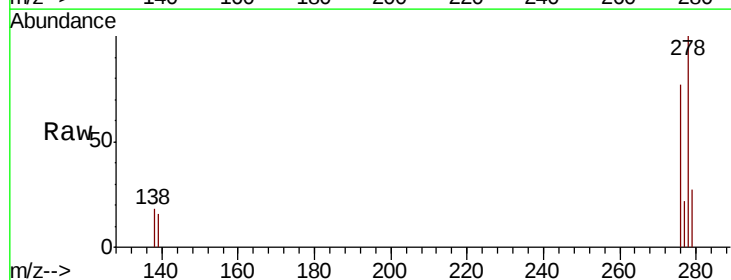
Tgt Ion:278 Resp: 6622

Ion Ratio Lower Upper

278 100

139 15.9 11.8 17.6

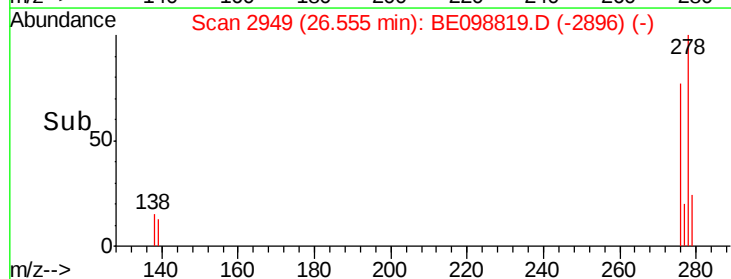
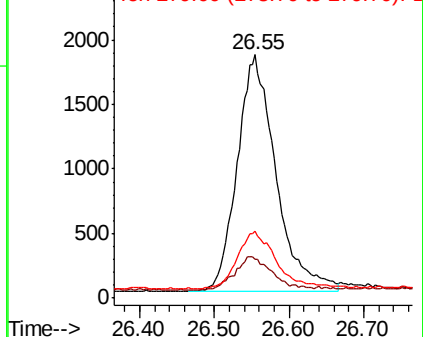
279 27.3 21.1 31.7

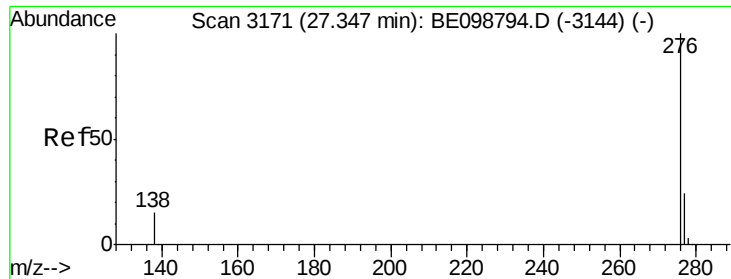


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.282 ng

RT: 27.34 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BE098819.D

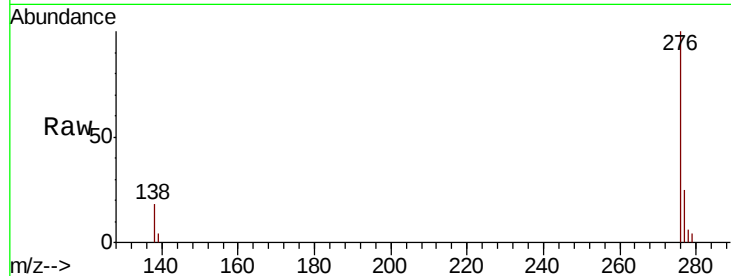
Acq: 7 Mar 2019 14:23

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMDS



Tgt Ion: 276 Resp: 6662

Ion Ratio Lower Upper

276 100

277 24.8 20.4 30.6

138 17.9 13.6 20.4

