

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098911.D
 Acq On : 13 Mar 2019 14:40
 Operator : JU/SJ
 Sample : PB117852BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117852BSD

Quant Time: Mar 14 06:55:25 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	7.80	152	767	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3380	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2272	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6013	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7101	0.40	ng	-0.01
34) Perylene-d12	23.90	264	6923	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	785	0.34	ng	0.02
5) Phenol-d6	6.99	99	1354	0.42	ng	0.00
8) Nitrobenzene-d5	8.96	82	1624	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2385	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	418	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4742	0.50	ng	0.00
25) Fluoranthene-d10	19.24	212	32330	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	8570	0.50	ng	0.00

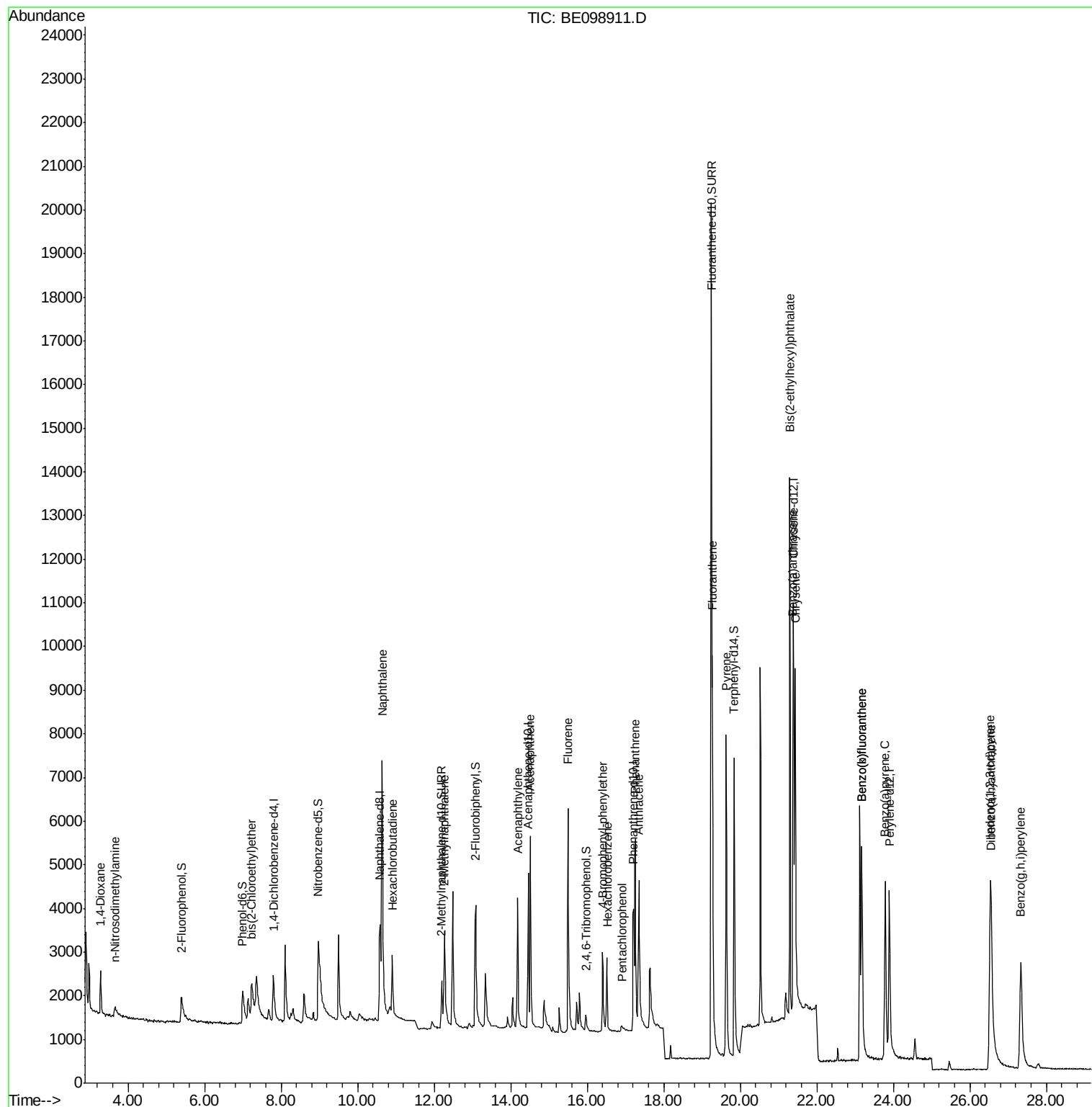
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	657	0.452	ng	92
3) n-Nitrosodimethylamine	3.66	42	334	0.173	ng	# 14
6) bis(2-Chloroethyl)ether	7.23	93	793	0.317	ng	# 89
9) Naphthalene	10.64	128	15123	0.391	ng	99
10) Hexachlorobutadiene	10.91	225	1008	0.394	ng	98
12) 2-Methylnaphthalene	12.27	142	2395	0.381	ng	94
16) Acenaphthylene	14.18	152	4383	0.375	ng	98
17) Acenaphthene	14.51	154	2679	0.386	ng	98
18) Fluorene	15.50	166	3749	0.375	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1049	0.322	ng	93
21) Hexachlorobenzene	16.52	284	1442	0.372	ng	98
22) Pentachlorophenol	16.91	266	173	0.396	ng	100
23) Phenanthrene	17.25	178	6237	0.365	ng	99
24) Anthracene	17.35	178	4684	0.321	ng	99
26) Fluoranthene	19.27	202	8275	0.343	ng	99
28) Pyrene	19.63	202	8583	0.395	ng	99
30) Benzo(a)anthracene	21.38	228	8204	0.370	ng	100
31) Chrysene	21.44	228	8802	0.371	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	13947	0.296	ng	99
33) Indeno(1,2,3-cd)pyrene	26.53	276	9549	0.381	ng	98
35) Benzo(b)fluoranthene	23.18	252	9339	0.410	ng	96
36) Benzo(k)fluoranthene	23.18	252	9674	0.406	ng	98
37) Benzo(a)pyrene	23.79	252	8374	0.384	ng	# 93
38) Dibenzo(a,h)anthracene	26.56	278	7355	0.356	ng	97
39) Benzo(g,h,i)perylene	27.33	276	7944	0.368	ng	100

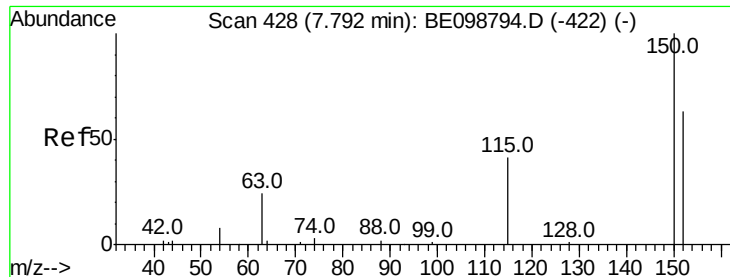
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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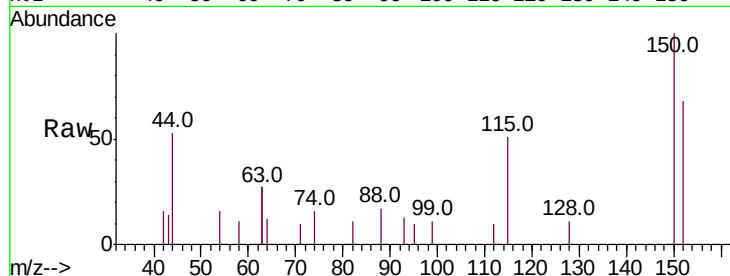


#1

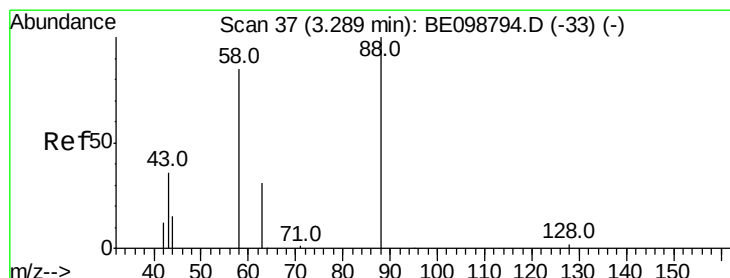
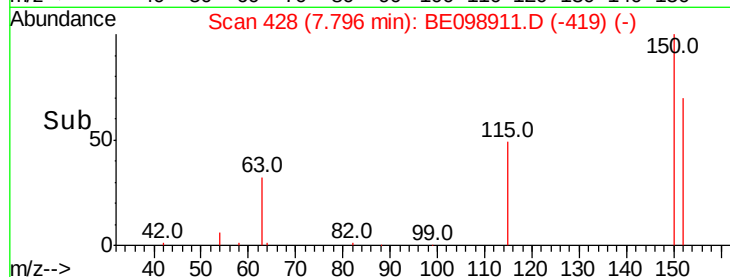
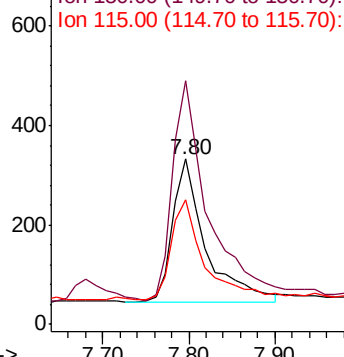
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tot Ion:152 Resp: 767
Ion Ratio Lower Upper
152 100
150 147.6 122.5 183.7
115 75.6 57.4 86.2



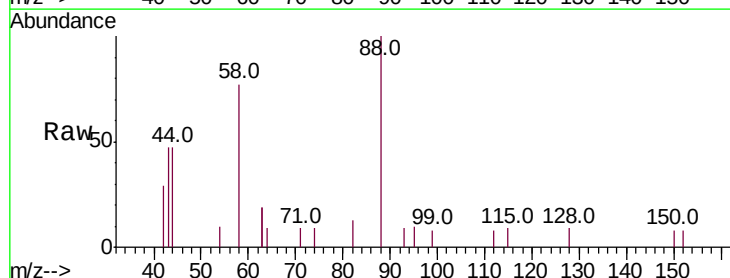
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



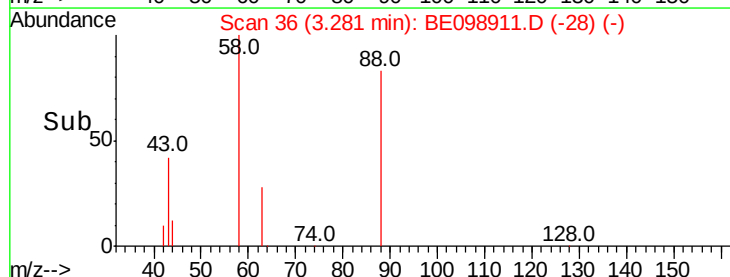
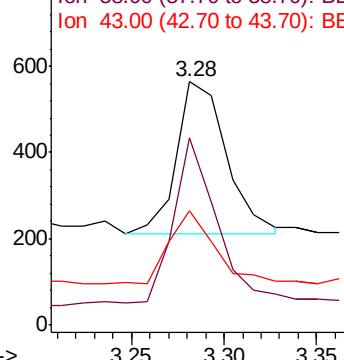
#2

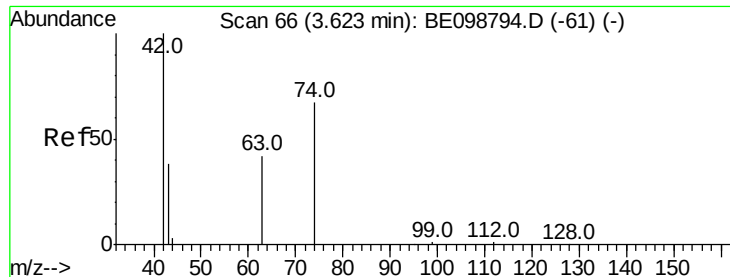
1,4-Dioxane
Concen: 0.452 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion: 88 Resp: 657
Ion Ratio Lower Upper
88 100
58 100.8 75.8 113.6
43 44.0 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: 0.173 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.04 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

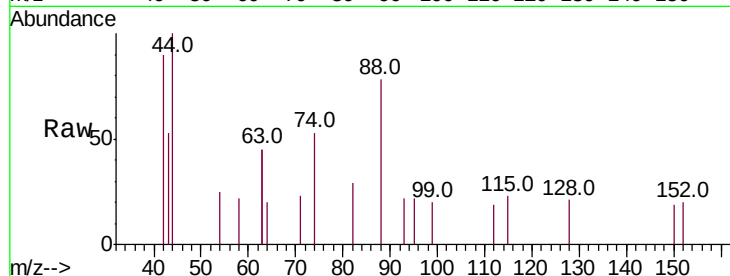
Tot Ion: 42 Resp: 334

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

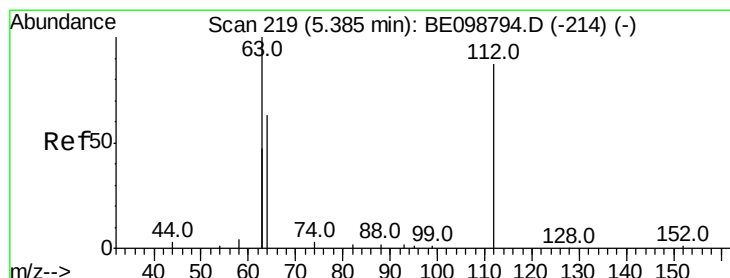
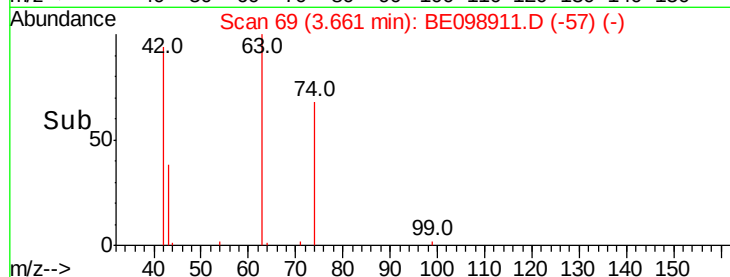
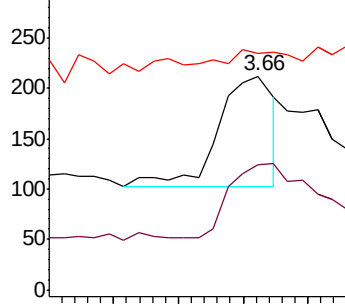
44 6.3 0.0 0.0#



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: 0.342 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.02 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

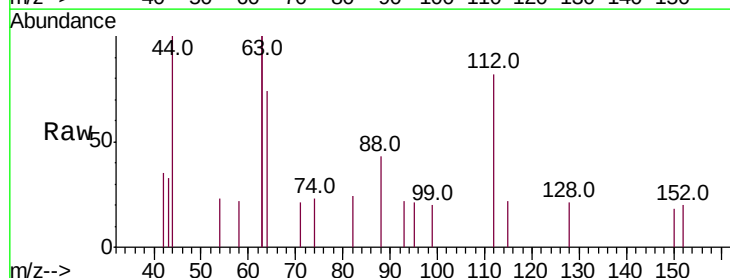
Tgt Ion: 112 Resp: 785

Ion Ratio Lower Upper

112 100

64 83.1 57.9 86.9

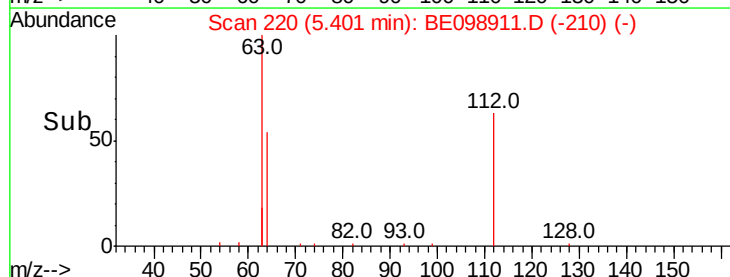
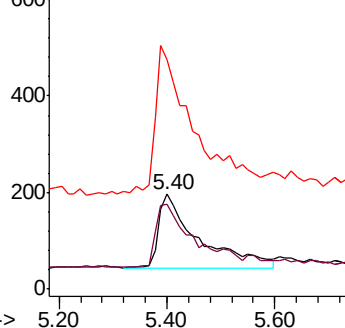
63 198.5 158.3 237.5

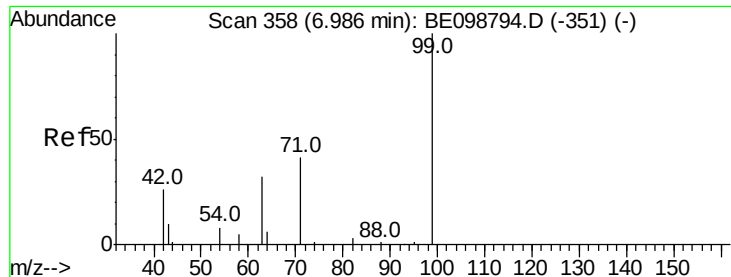


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.418 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

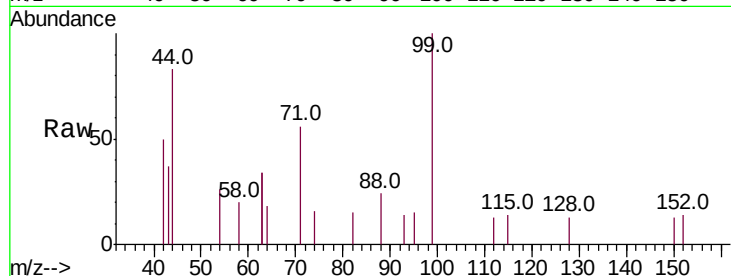
Tot Ion: 99 Resp: 1354

Ion Ratio Lower Upper

99 100

42 30.6 24.2 36.2

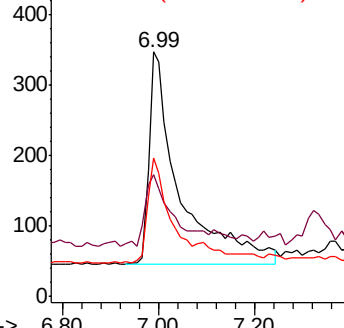
71 44.8 35.7 53.5



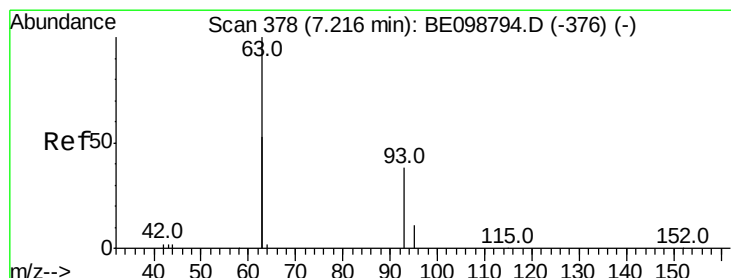
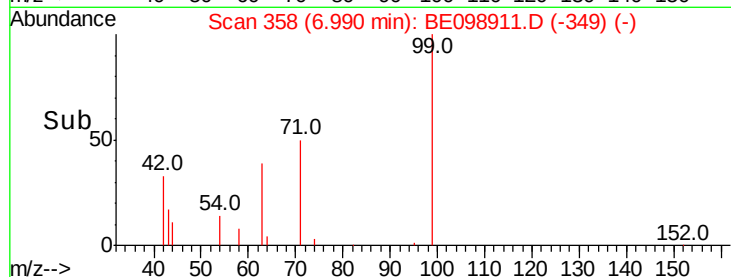
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.317 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.02 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

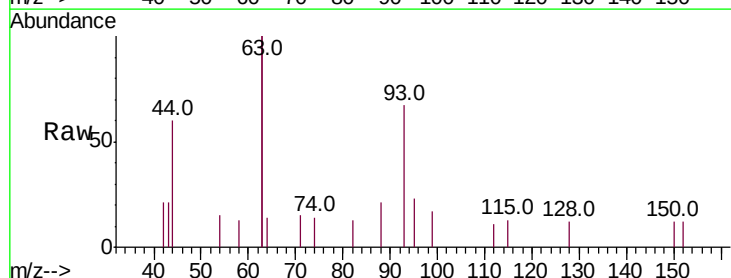
Tgt Ion: 93 Resp: 793

Ion Ratio Lower Upper

93 100

63 287.8 247.5 371.3

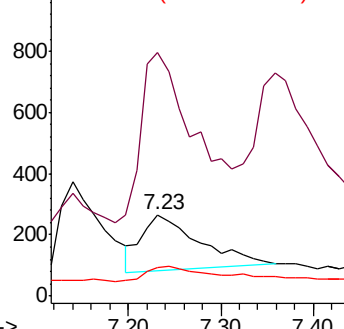
95 35.8 21.8 32.8#



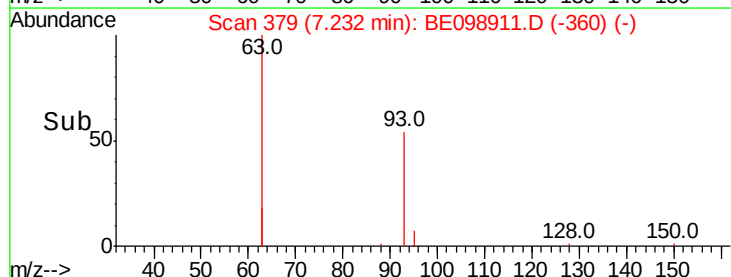
Abundance Ion 93.00 (92.70 to 93.70): BE0

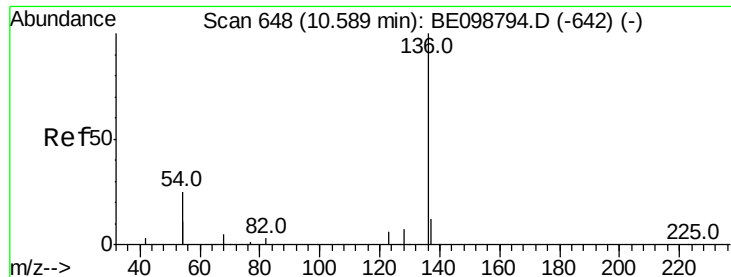
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

Tot Ion:136 Resp: 3380

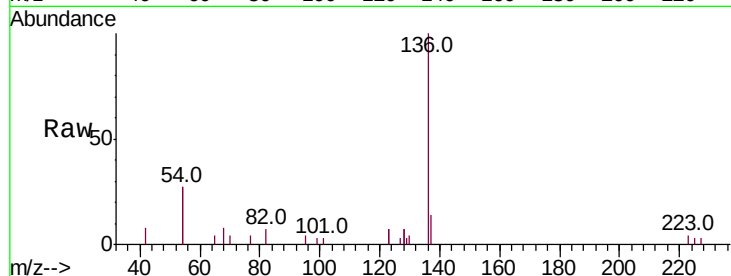
Ion Ratio Lower Upper

136 100

137 14.2 11.4 17.0

54 53.4 39.3 58.9

68 8.2 6.7 10.1

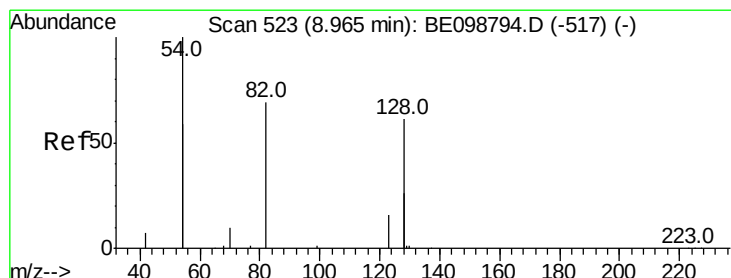
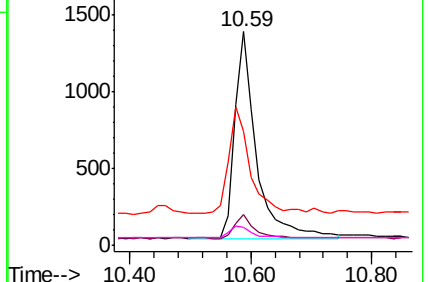
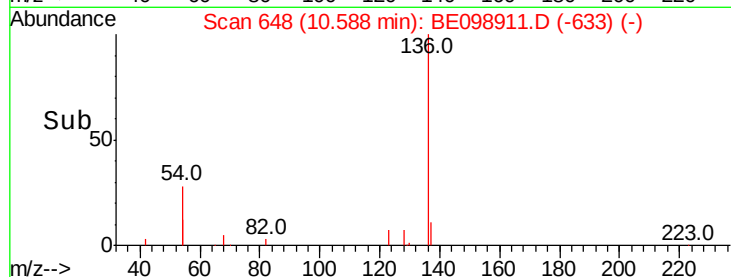


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.458 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

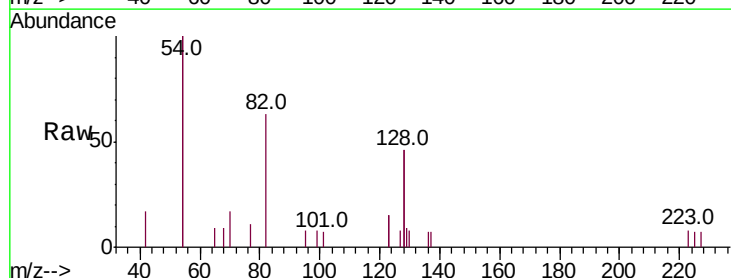
Tgt Ion: 82 Resp: 1624

Ion Ratio Lower Upper

82 100

128 145.7 123.8 185.8

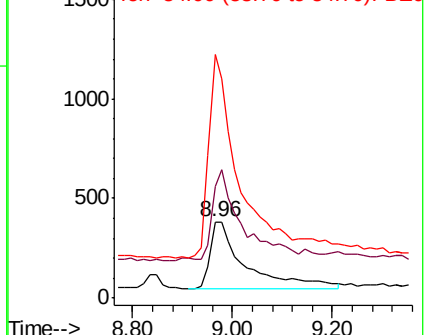
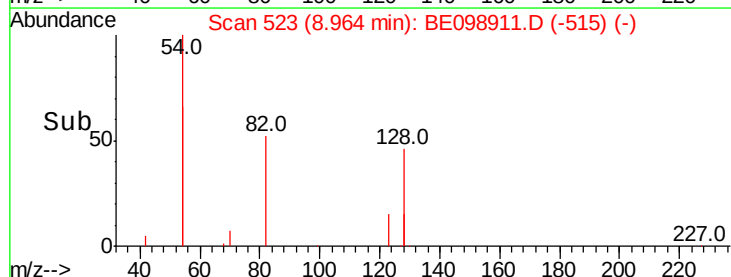
54 319.1 203.4 305.2#

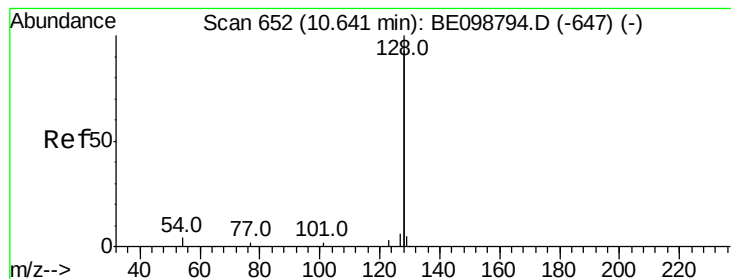


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.391 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

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ClientSampleId :

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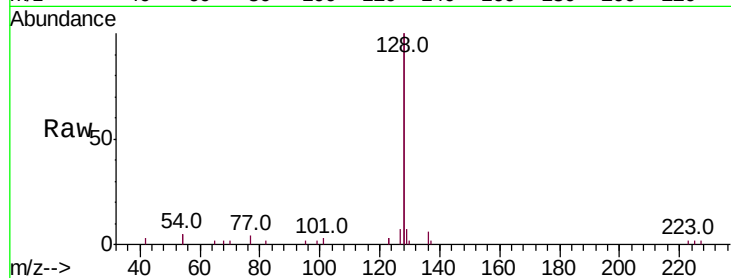
Tot Ion:128 Resp: 15123

Ion Ratio Lower Upper

128 100

129 3.7 2.6 4.0

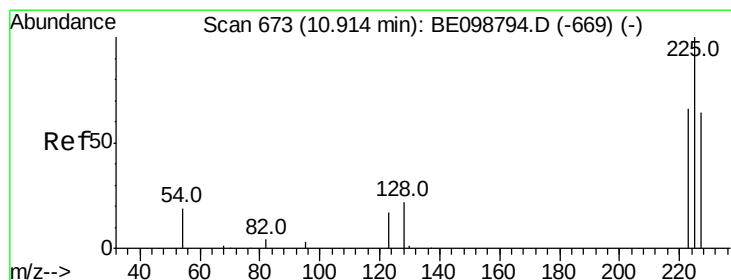
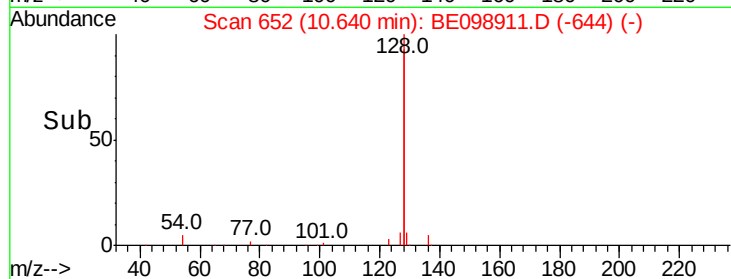
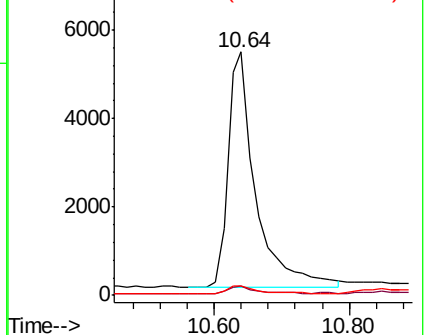
127 3.7 3.1 4.7



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: 0.394 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

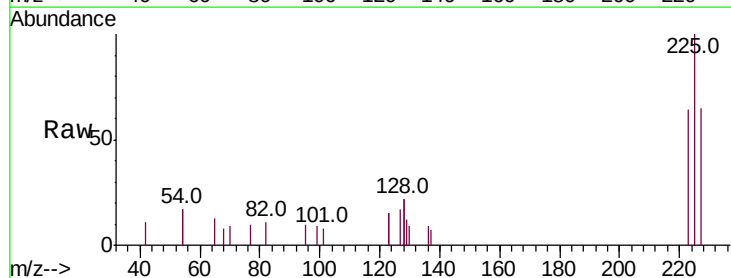
Tgt Ion:225 Resp: 1008

Ion Ratio Lower Upper

225 100

223 62.8 51.1 76.7

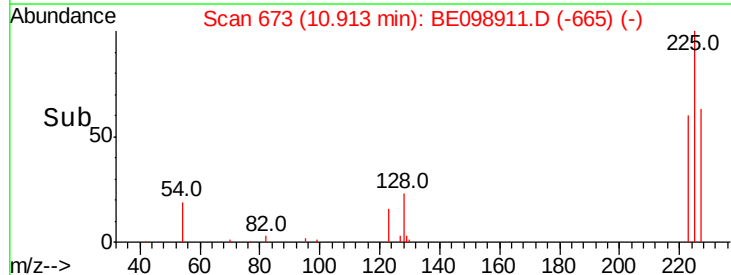
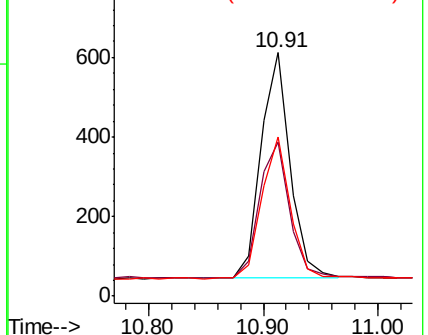
227 62.2 51.6 77.4

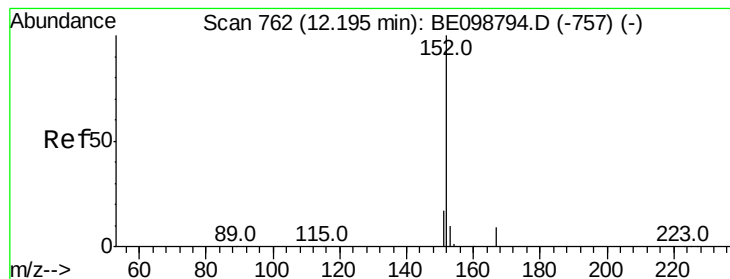


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

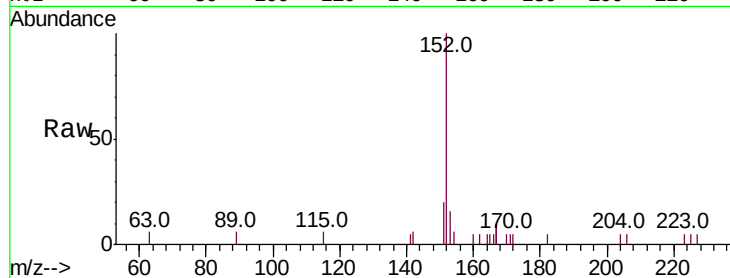
PB117852BSD

Tot Ion:152 Resp: 2385

Ion Ratio Lower Upper

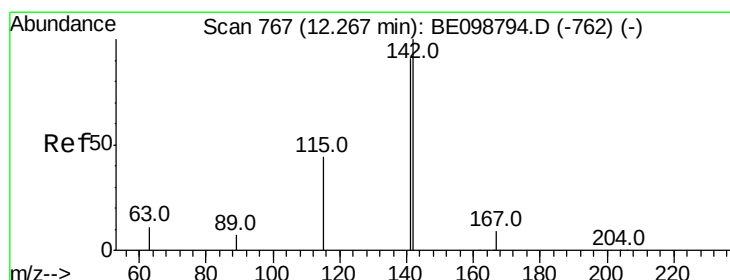
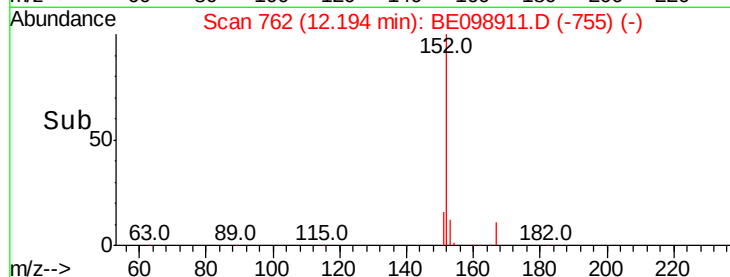
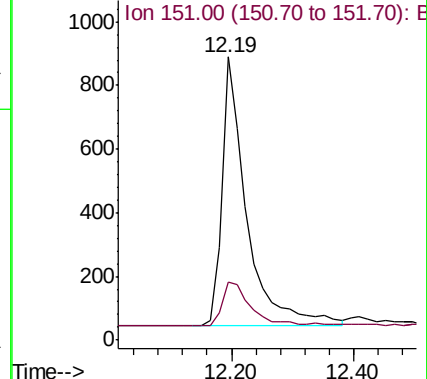
152 100

151 20.0 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: 0.381 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

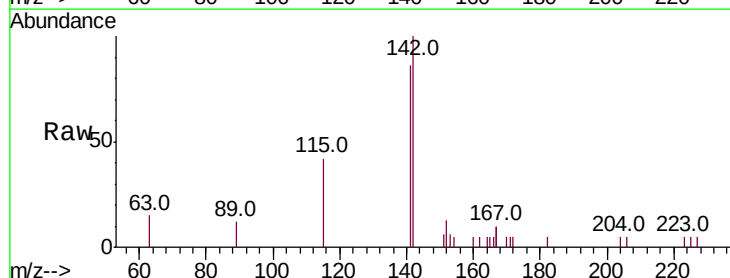
Tgt Ion:142 Resp: 2395

Ion Ratio Lower Upper

142 100

141 85.6 72.6 108.8

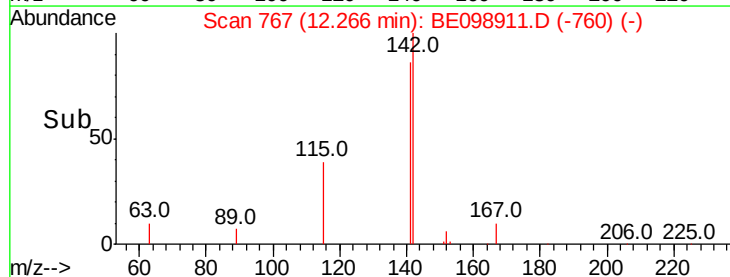
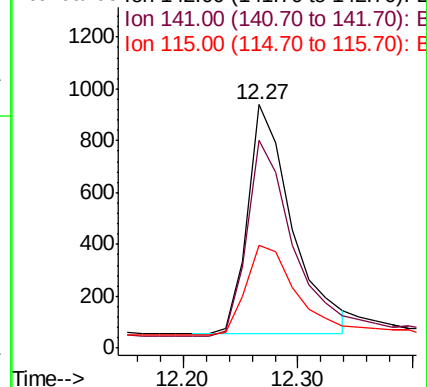
115 42.4 37.4 56.2

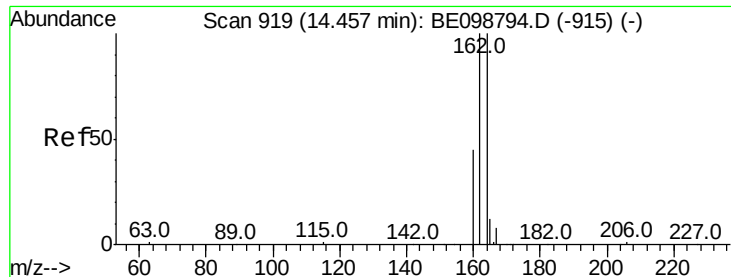


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

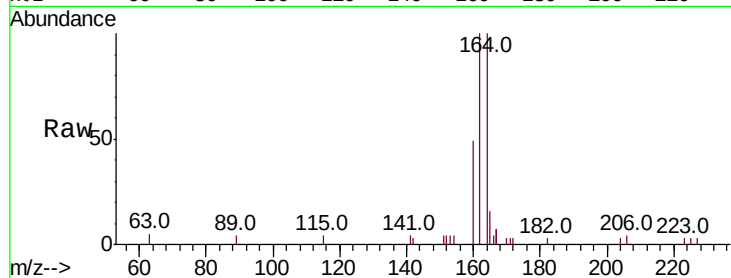
Tot Ion:164 Resp: 2272

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

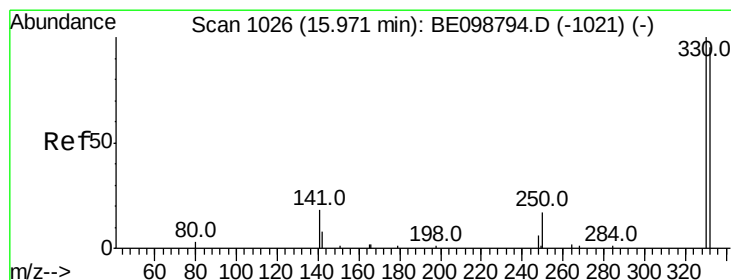
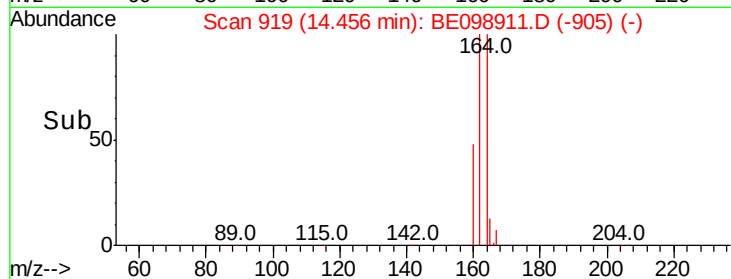
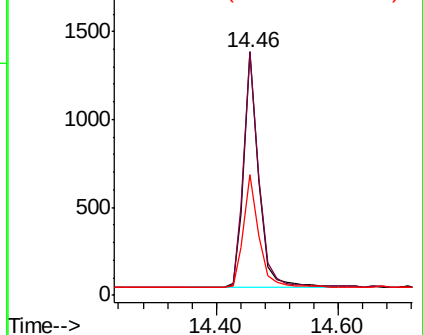
160 49.5 37.8 56.8



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: 0.365 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

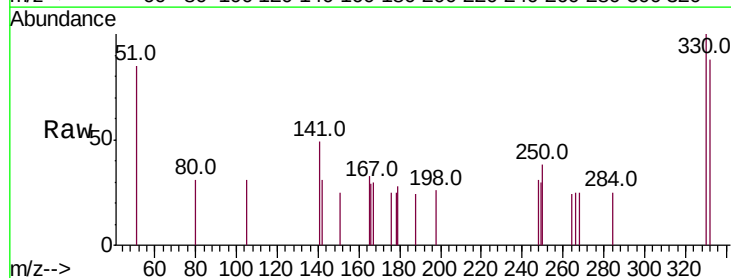
Tgt Ion:330 Resp: 418

Ion Ratio Lower Upper

330 100

332 83.5 77.6 116.4

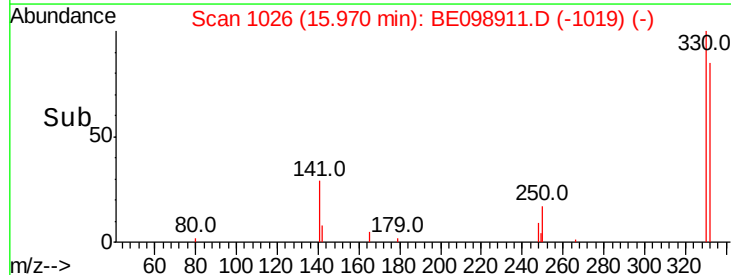
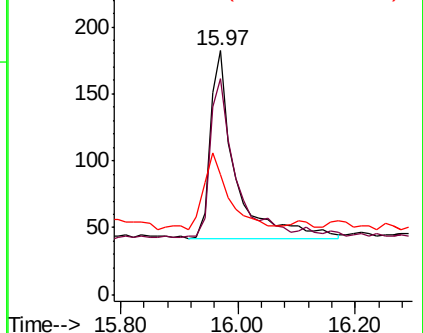
141 40.0 31.0 46.4

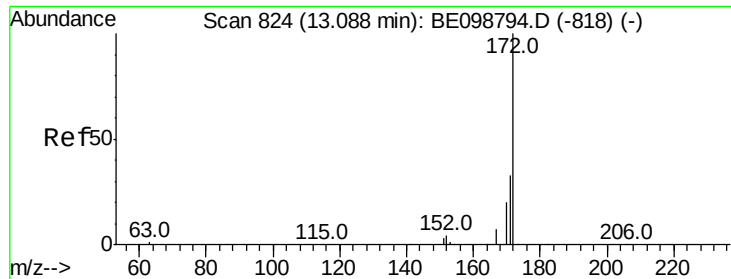


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

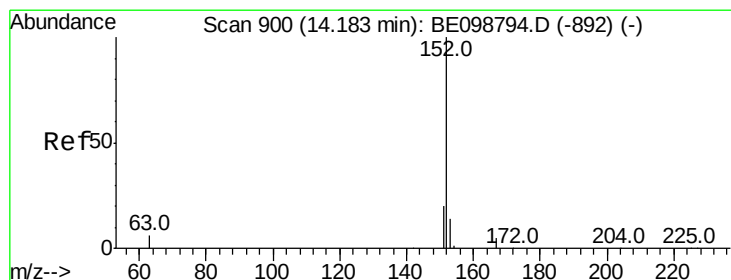
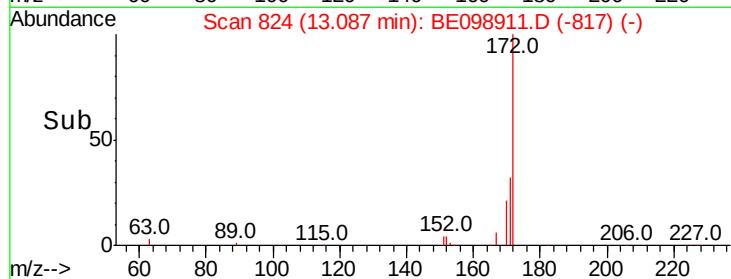
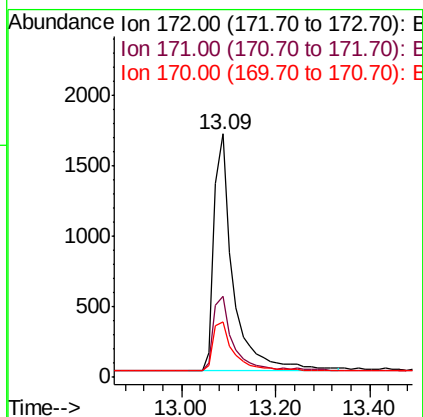
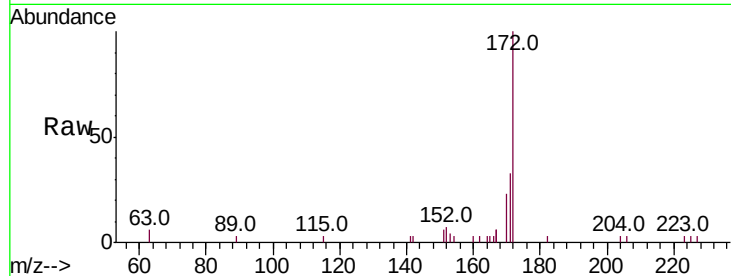




#15
2-Fluorobiphenyl
Concen: 0.504 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

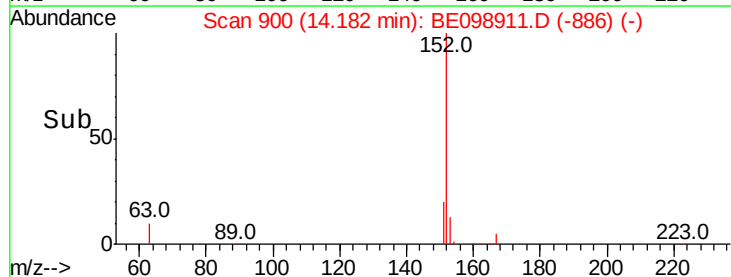
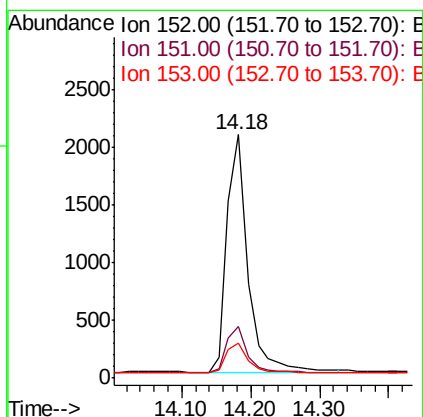
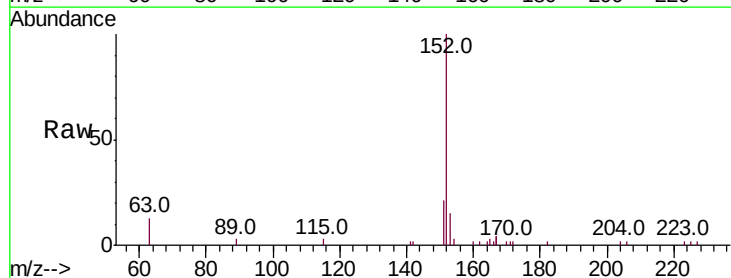
Instrument :
BNA_E
ClientSampleId :
PB117852BSD

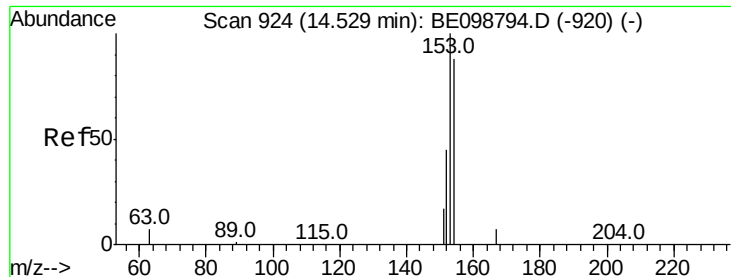
Tot Ion:172 Resp: 4742
Ion Ratio Lower Upper
172 100
171 33.4 28.0 42.0
170 22.9 17.7 26.5



#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:152 Resp: 4383
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.6
153 13.2 11.2 16.8





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

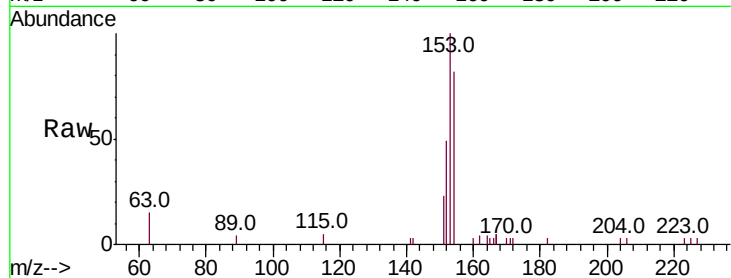
Tot Ion:154 Resp: 2679

Ion Ratio Lower Upper

154 100

153 115.2 94.2 141.4

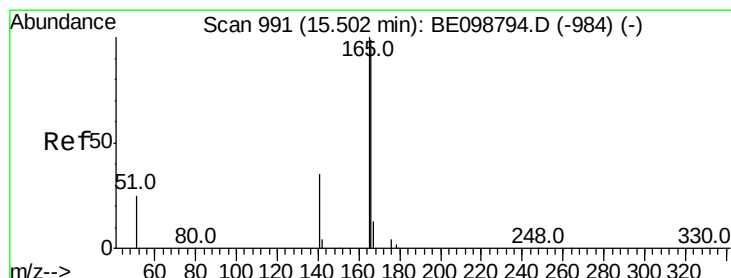
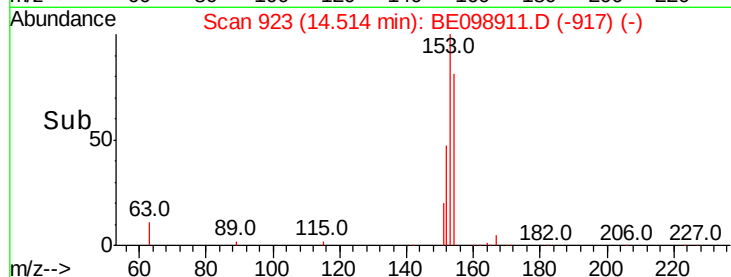
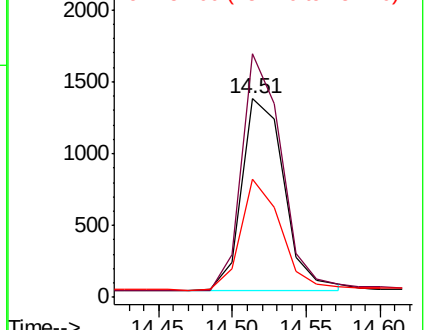
152 54.5 45.0 67.4



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: 0.375 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

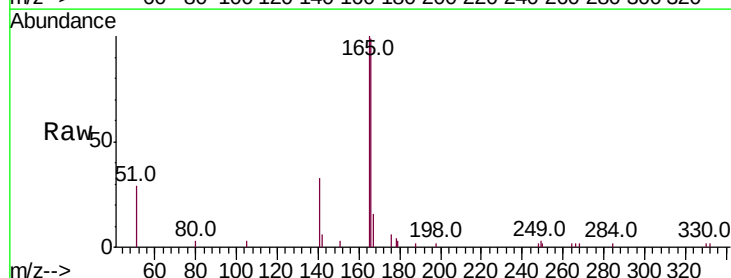
Tgt Ion:166 Resp: 3749

Ion Ratio Lower Upper

166 100

165 98.6 79.3 118.9

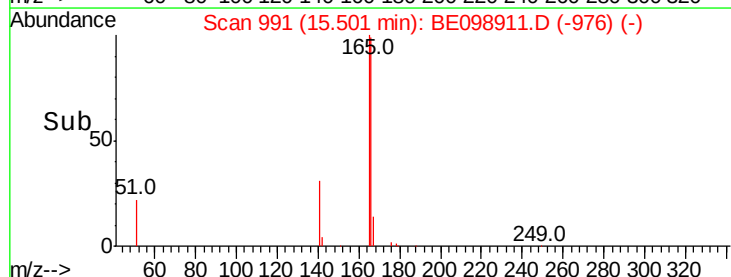
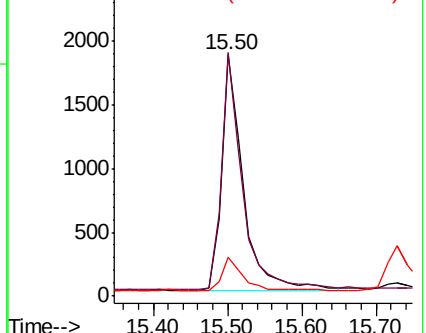
167 13.4 10.5 15.7

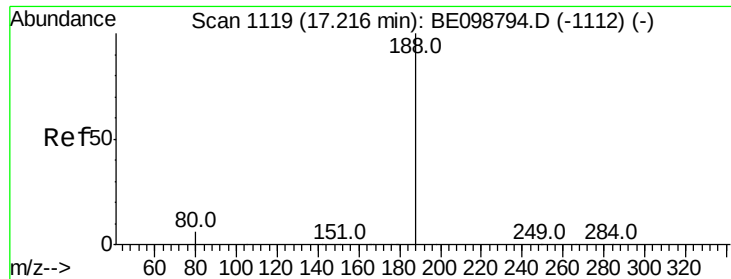


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

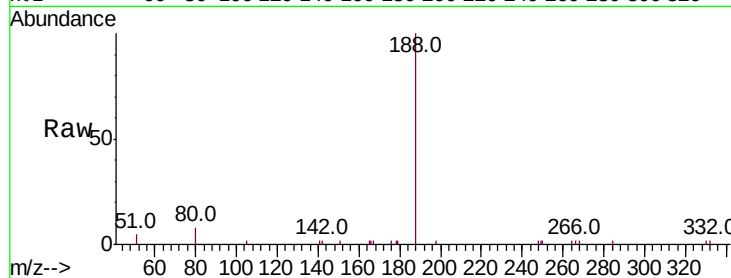
Tot Ion:188 Resp: 6013

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

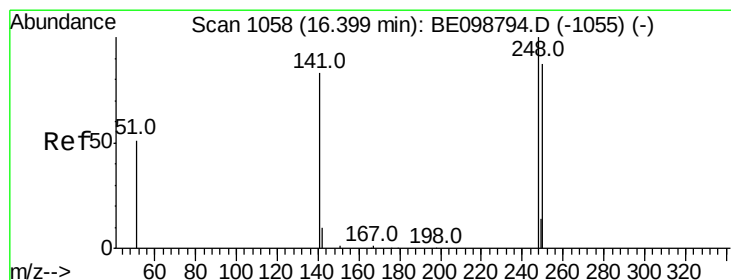
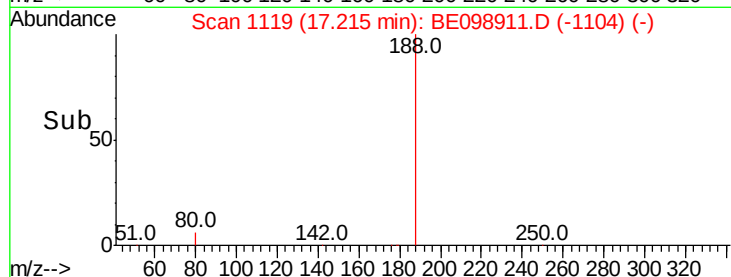
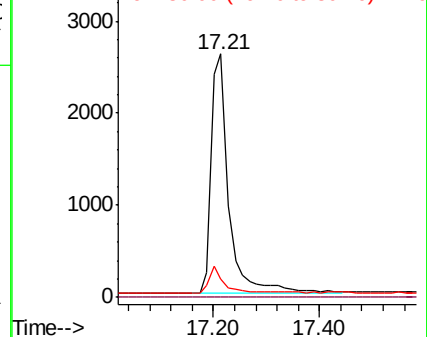
80 7.8 6.3 9.5



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: 0.322 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

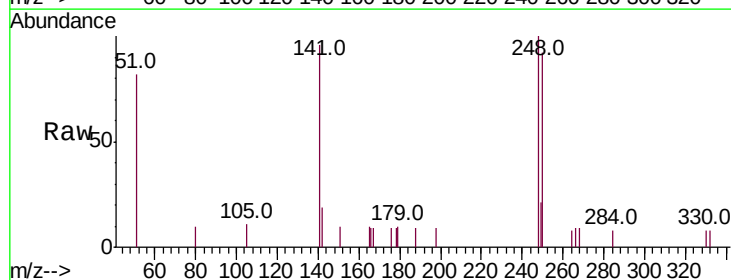
Tgt Ion:248 Resp: 1049

Ion Ratio Lower Upper

248 100

250 91.9 70.6 105.8

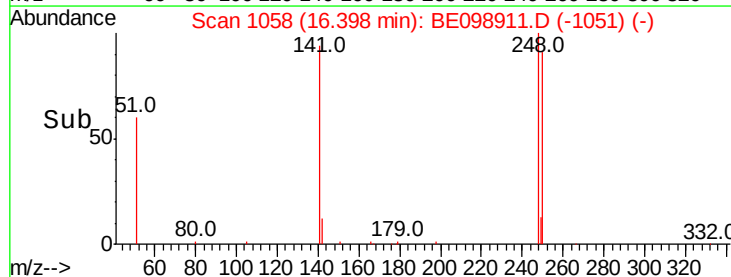
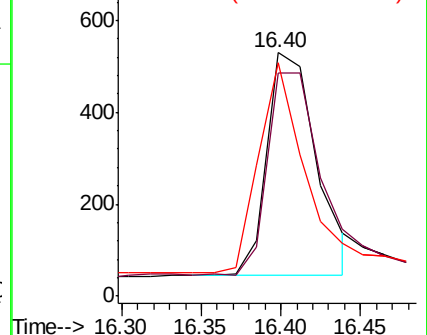
141 95.8 68.6 102.8

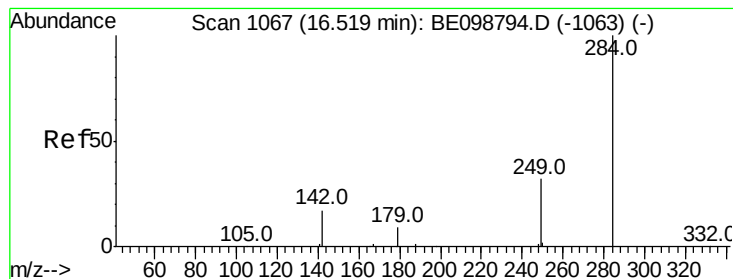


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.372 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

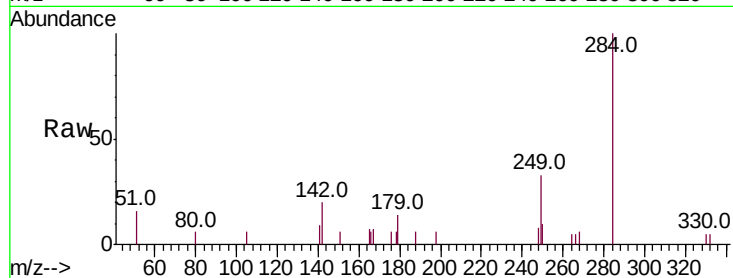
Tot Ion:284 Resp: 1442

Ion Ratio Lower Upper

284 100

142 35.0 28.7 43.1

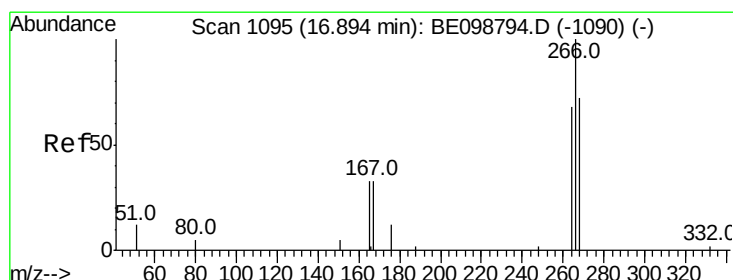
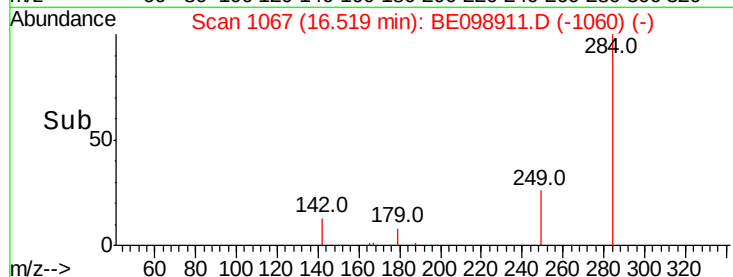
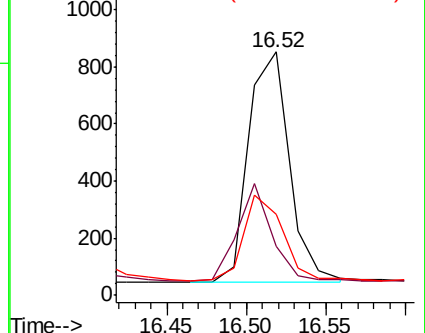
249 35.6 29.6 44.4



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: 0.396 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

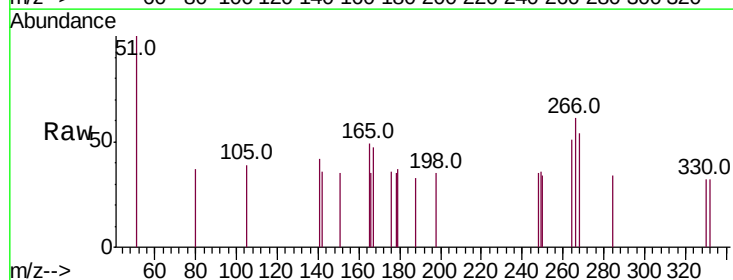
Tgt Ion:266 Resp: 173

Ion Ratio Lower Upper

266 100

264 83.1 66.6 100.0

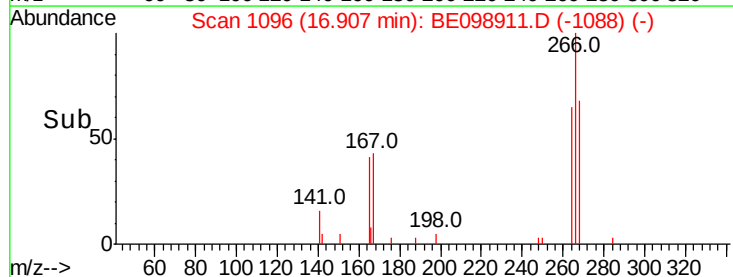
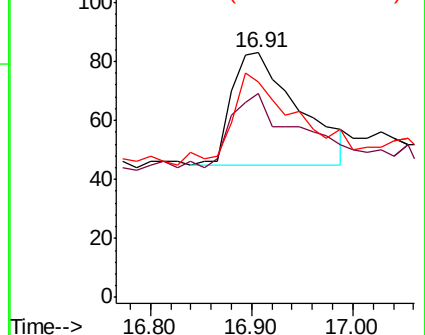
268 88.0 69.8 104.8

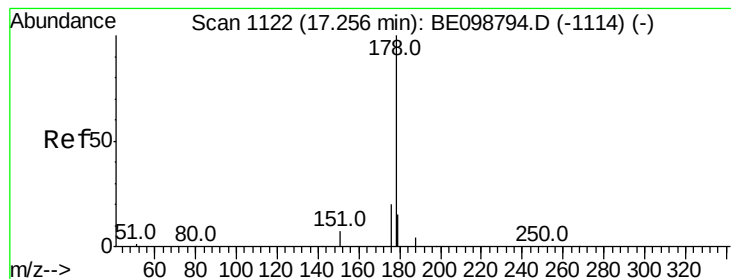


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

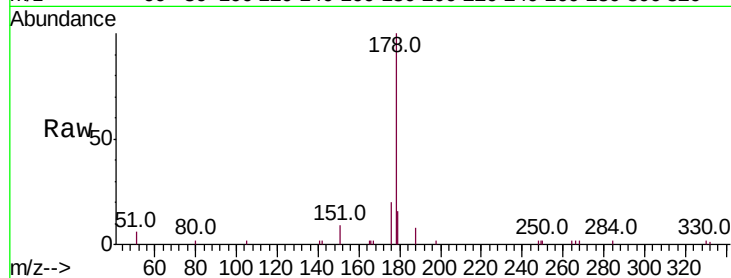
BNA_E

ClientSampleId :

PB117852BSD

Tot Ion:178 Resp: 6237

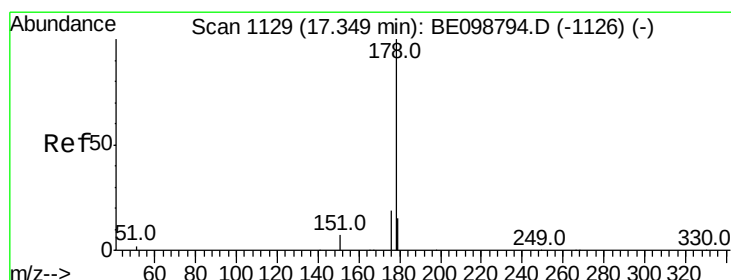
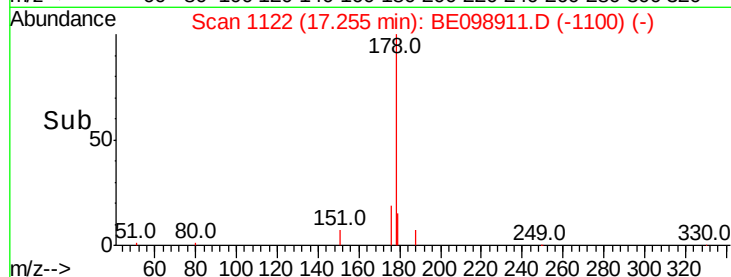
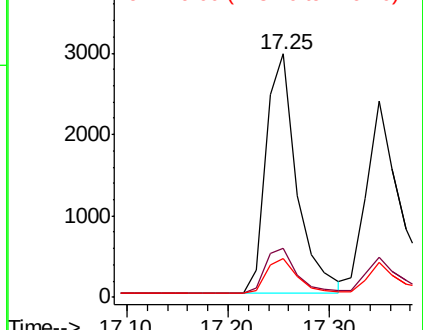
Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	14.9	12.1	18.1



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: 0.321 ng

RT: 17.35 min Scan# 1129

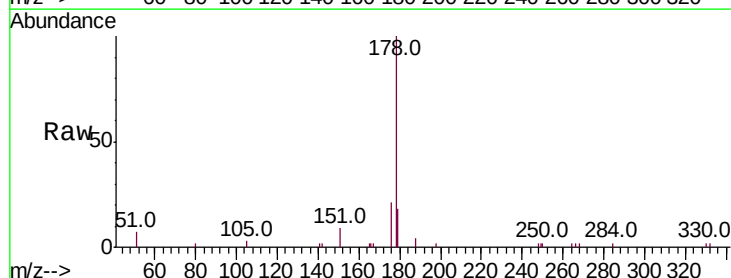
Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Tgt Ion:178 Resp: 4684

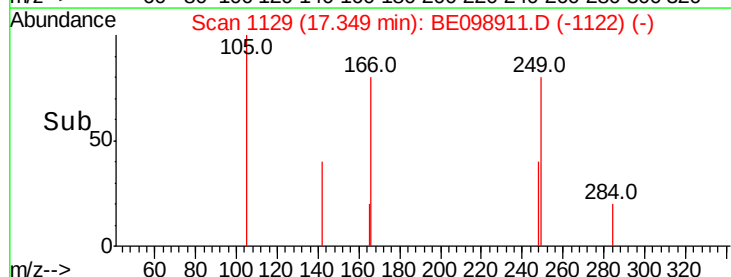
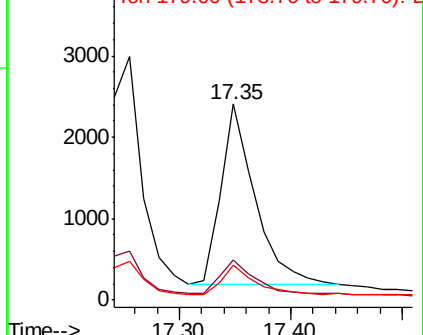
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	14.9	12.2	18.4

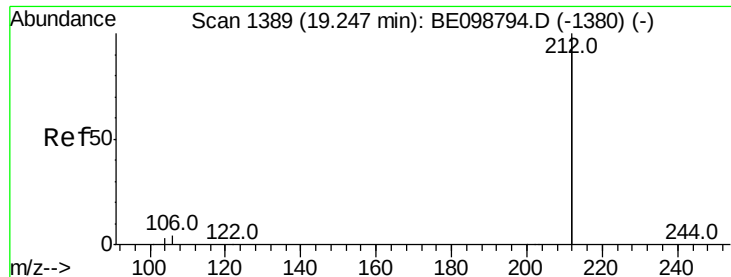


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

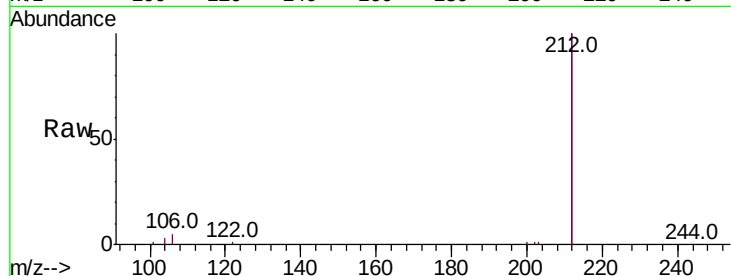
Tot Ion:212 Resp: 32330

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

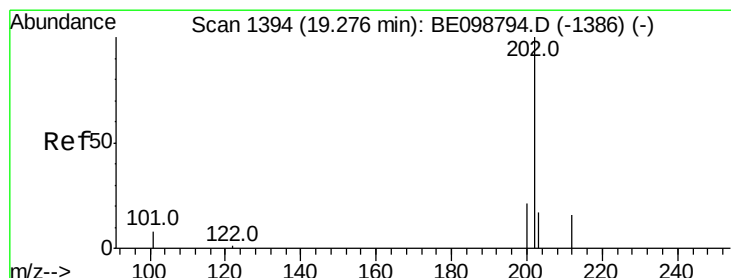
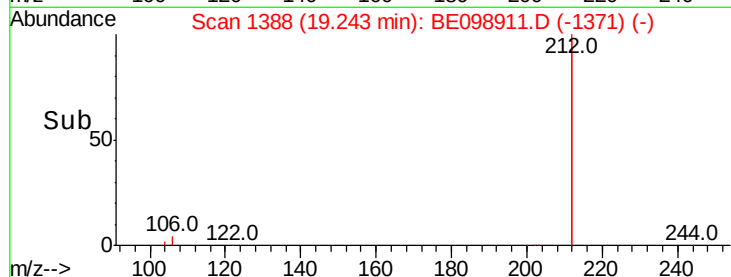
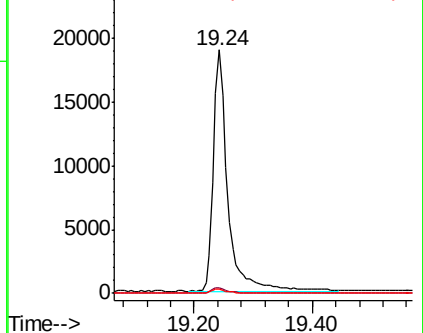
104 1.4 1.0 1.6



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: 0.343 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

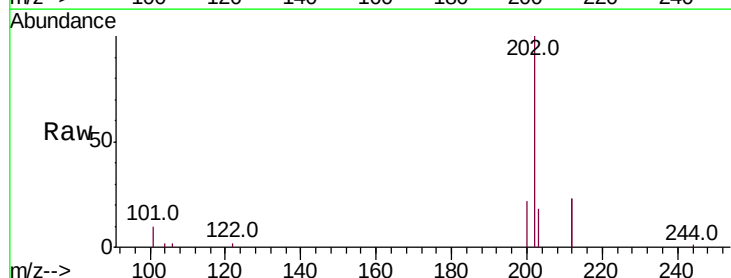
Tgt Ion:202 Resp: 8275

Ion Ratio Lower Upper

202 100

101 9.3 7.3 10.9

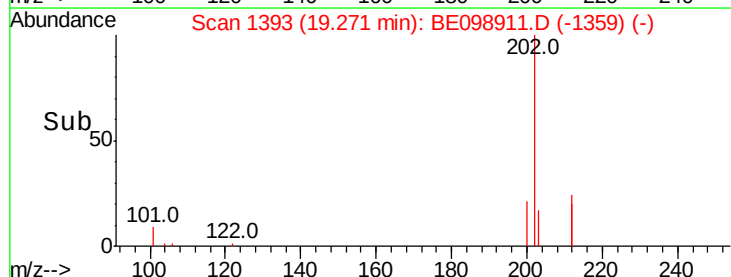
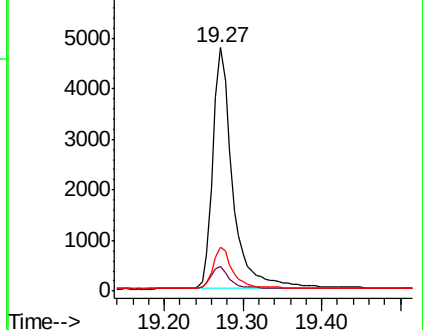
203 17.4 13.4 20.2

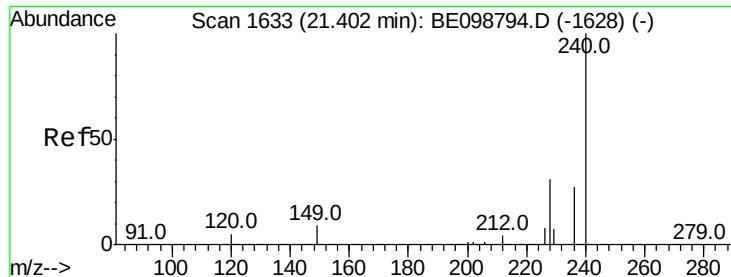


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

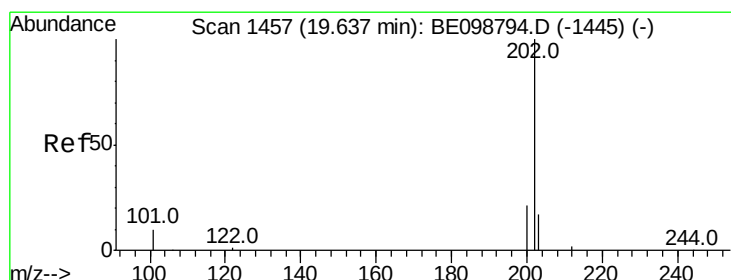
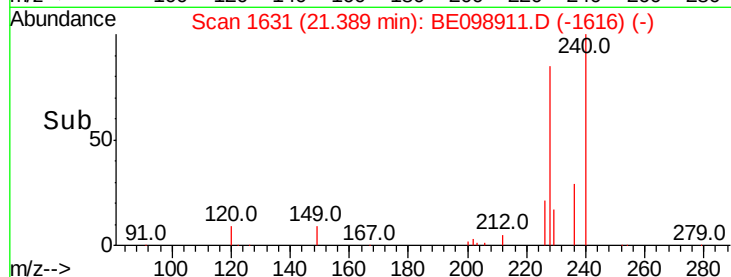
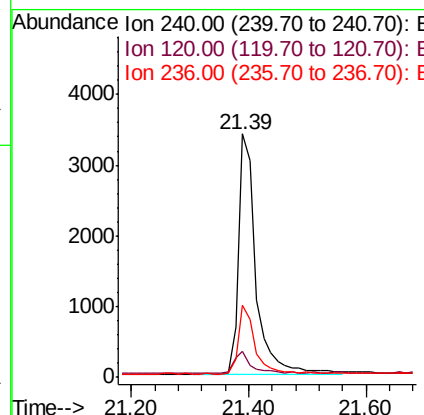
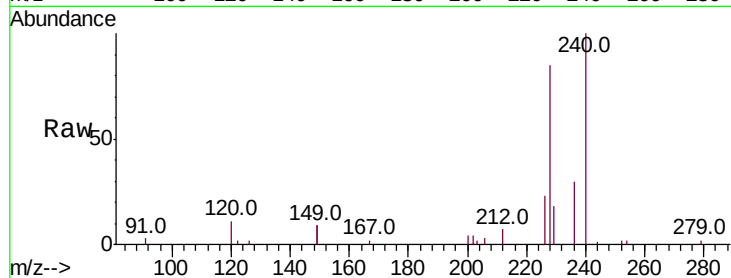




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

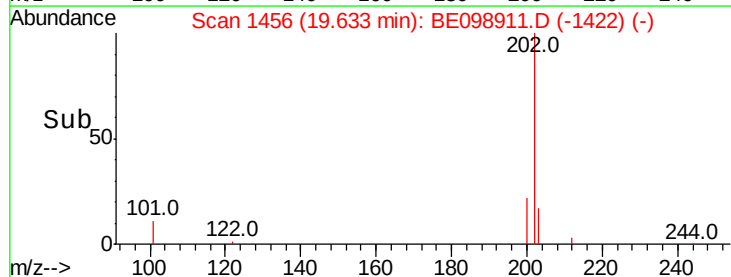
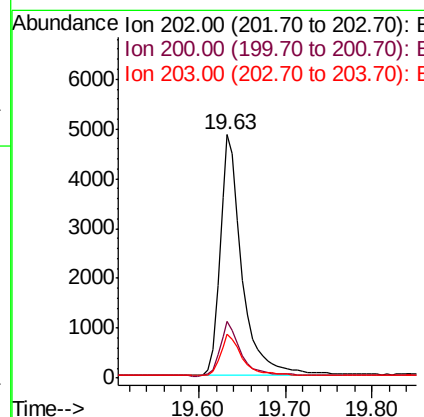
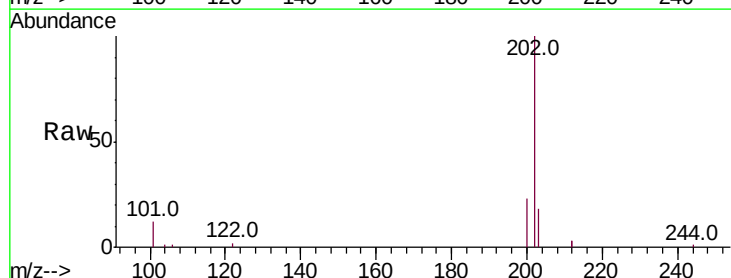
Instrument :
BNA_E
ClientSampleId :
PB117852BSD

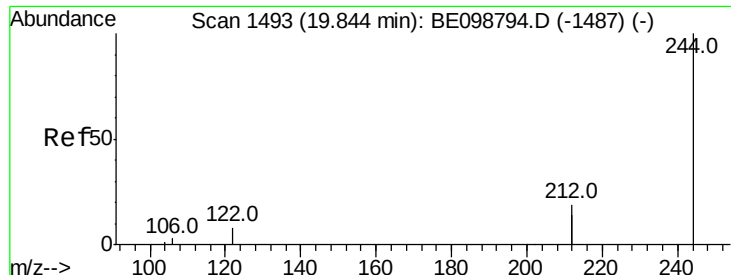
Tot Ion:240 Resp: 7101
Ion Ratio Lower Upper
240 100
120 10.9 5.0 7.4#
236 29.8 22.7 34.1



#28
Pyrene
Concen: 0.395 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:202 Resp: 8583
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 17.2 14.2 21.2





#29

Terphenyl-d14

Concen: 0.497 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

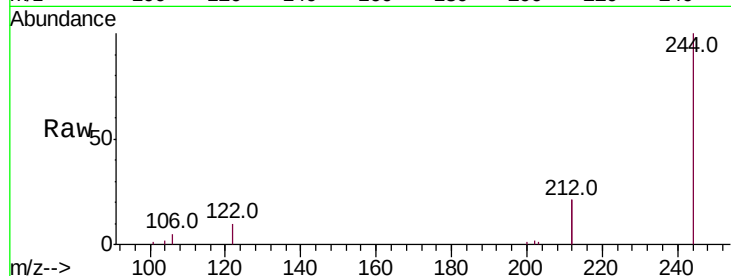
Tot Ion:244 Resp: 8570

Ion Ratio Lower Upper

244 100

212 41.1 29.4 44.2

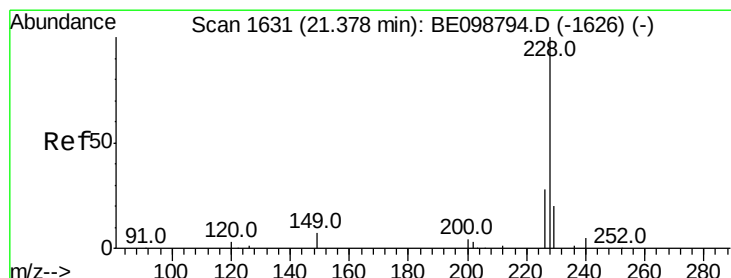
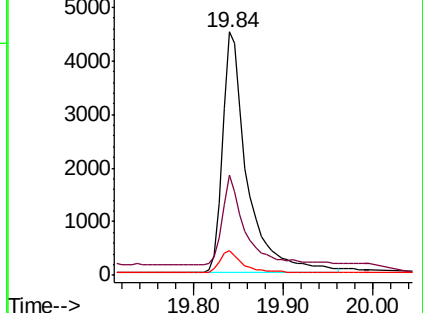
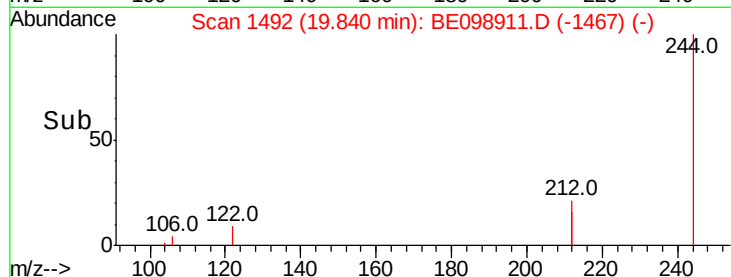
122 10.3 7.1 10.7



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: 0.370 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

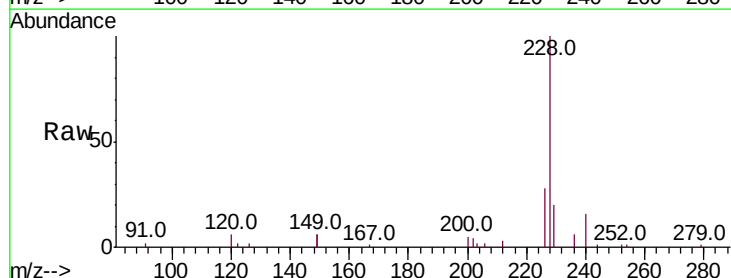
Tgt Ion:228 Resp: 8204

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.4

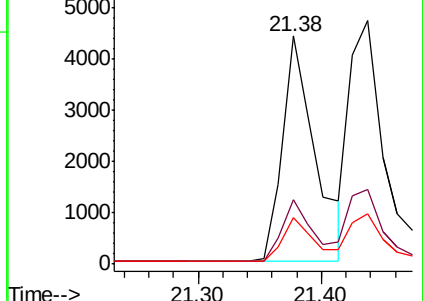
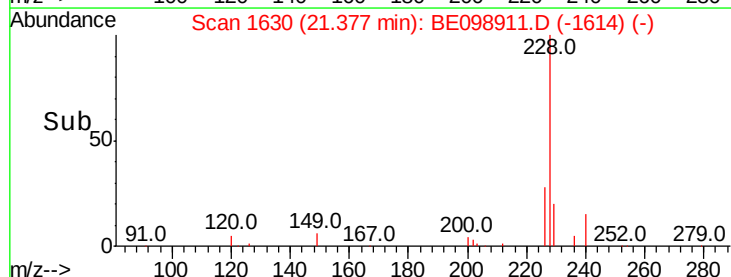
229 20.4 16.5 24.7

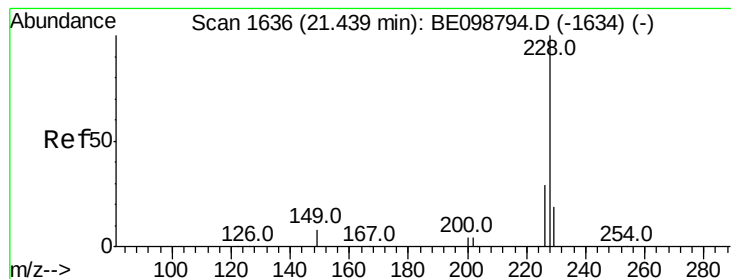


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.371 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

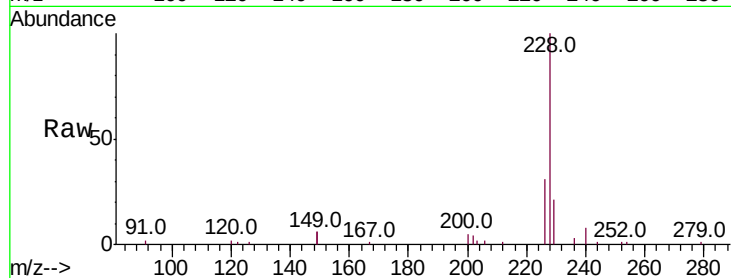
Tot Ion:228 Resp: 8802

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

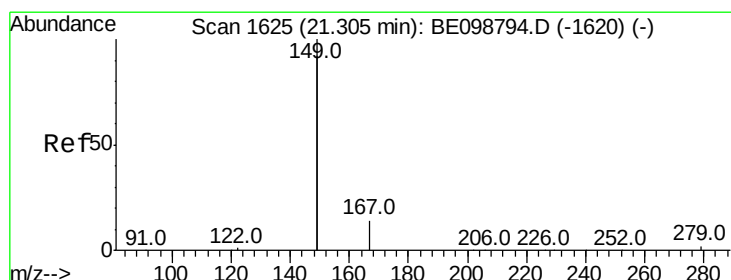
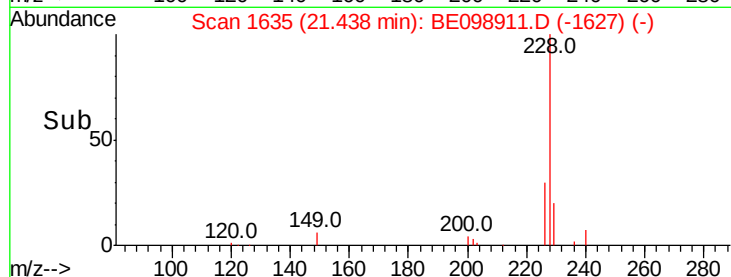
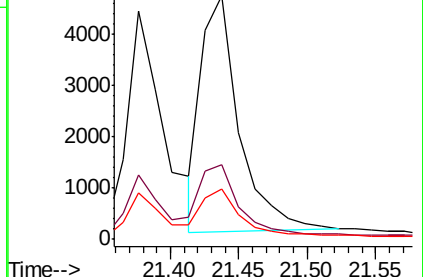
229 20.5 16.1 24.1



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: 0.296 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

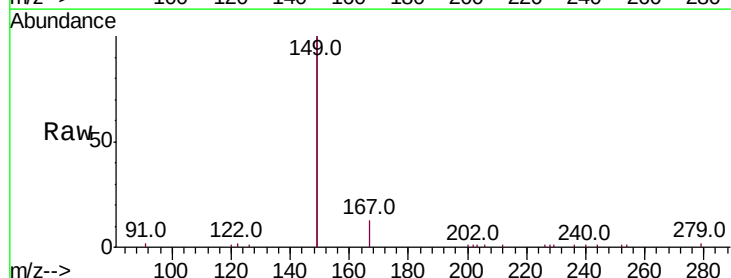
Tgt Ion:149 Resp: 13947

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

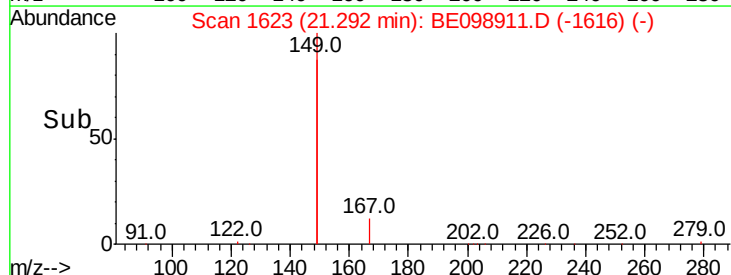
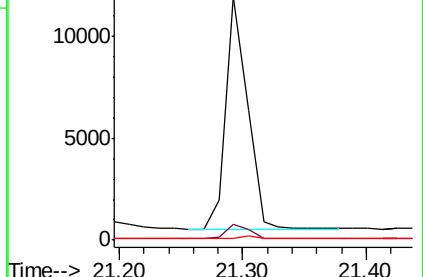
279 1.3 1.0 1.4

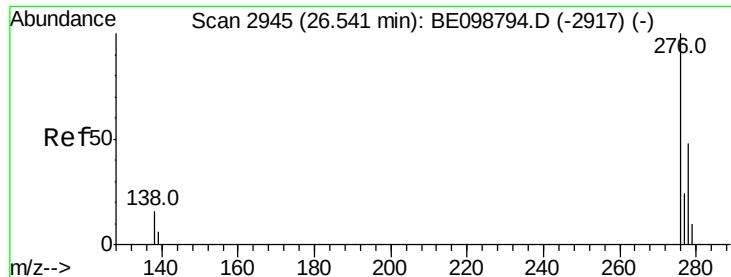


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

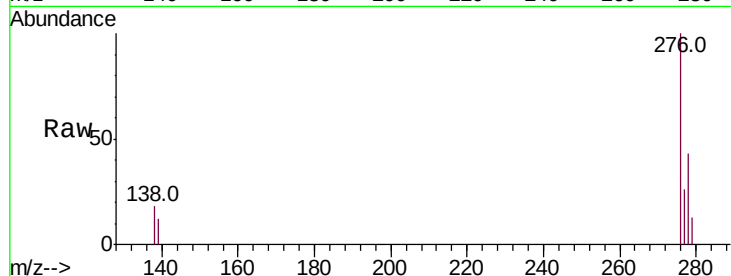




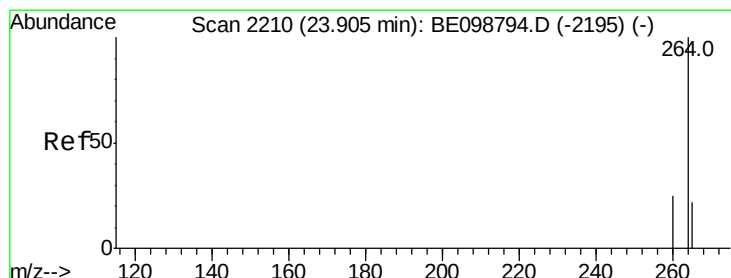
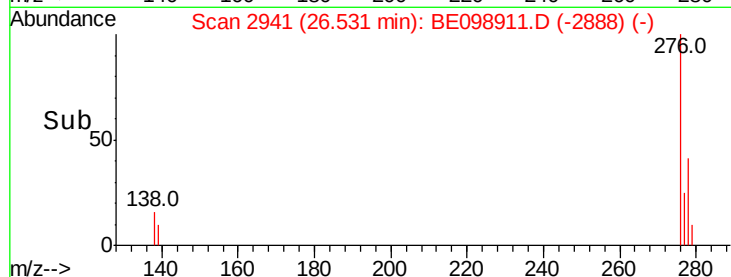
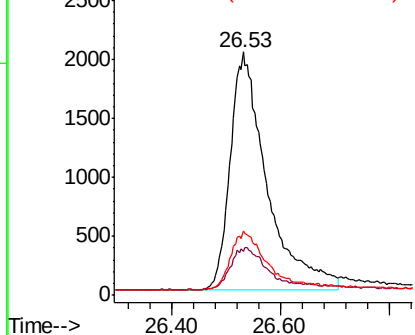
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.381 ng
 RT: 26.53 min Scan# 2941
 Delta R.T. -0.01 min
 Lab File: BE098911.D
 Acq: 13 Mar 2019 14:40

Instrument :
 BNA_E
 ClientSampleId :
 PB117852BSD

Tot Ion:276 Resp: 9549
 Ion Ratio Lower Upper
 276 100
 138 17.1 13.8 20.8
 277 22.9 19.5 29.3

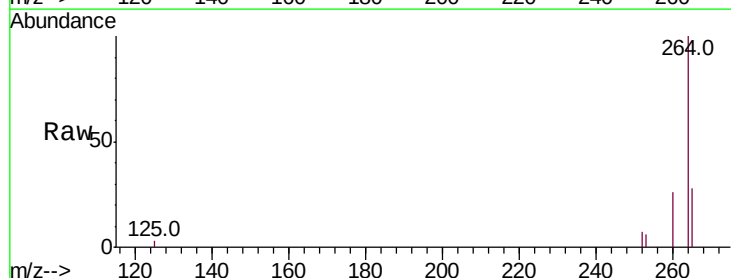


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

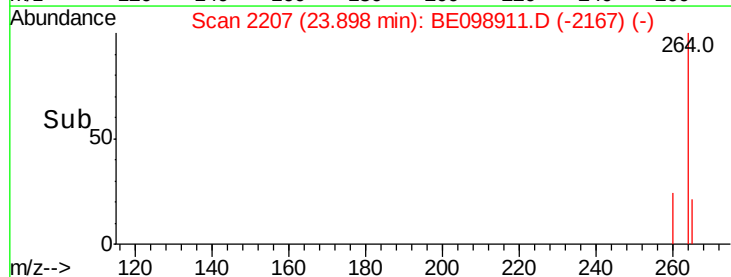
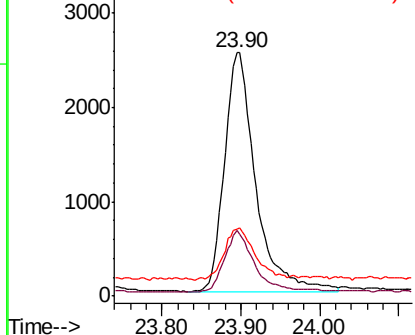


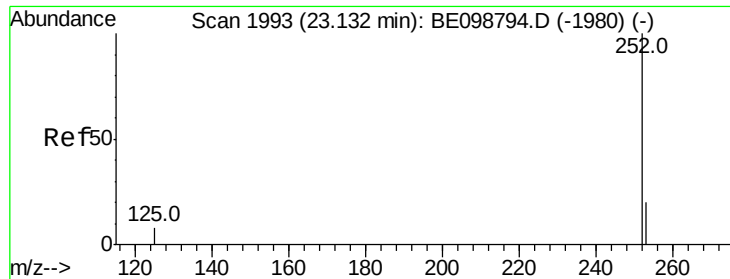
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE098911.D
 Acq: 13 Mar 2019 14:40

Tgt Ion:264 Resp: 6923
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.2 31.8
 265 27.8 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

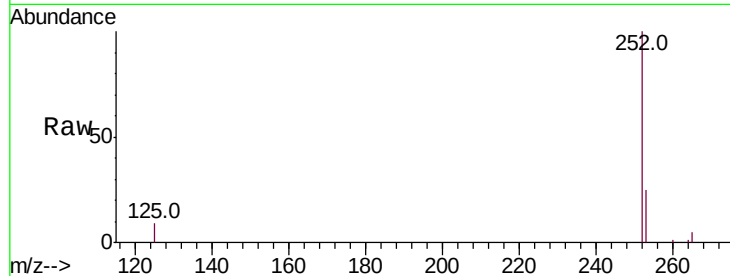




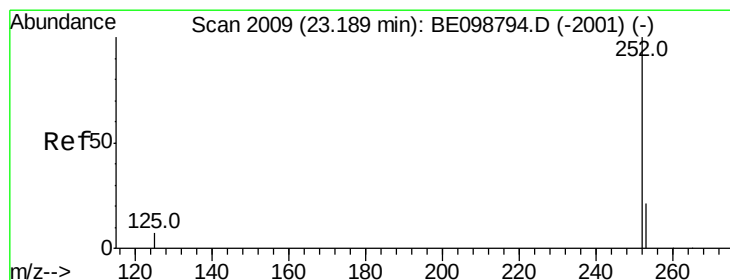
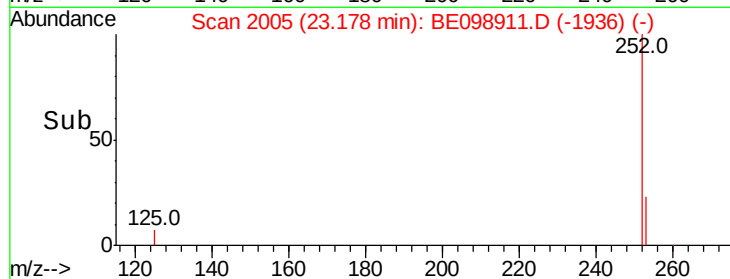
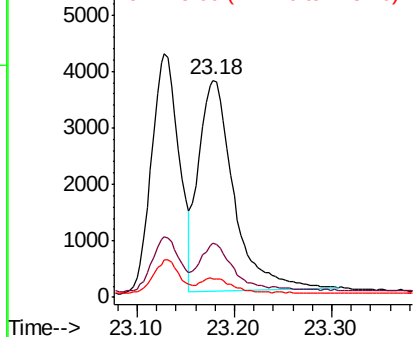
#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.18 min Scan# 2005
Delta R.T. 0.05 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tot Ion:252 Resp: 9339
Ion Ratio Lower Upper
252 100
253 25.1 18.2 27.2
125 8.7 7.3 10.9

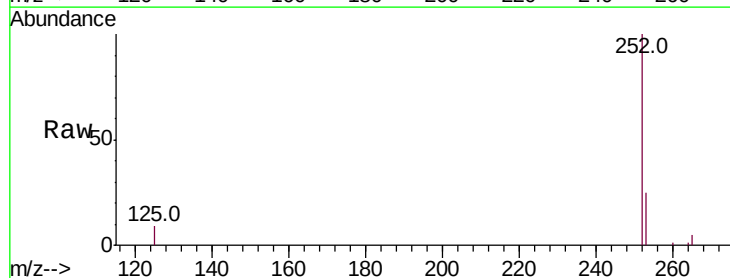


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

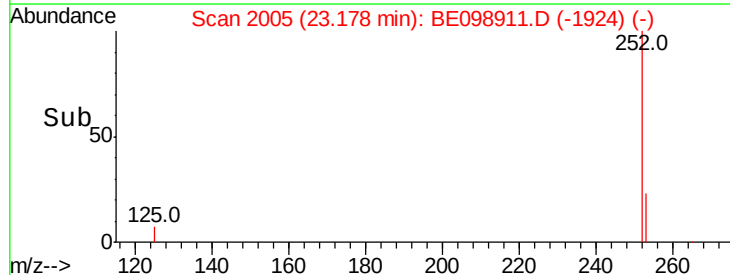
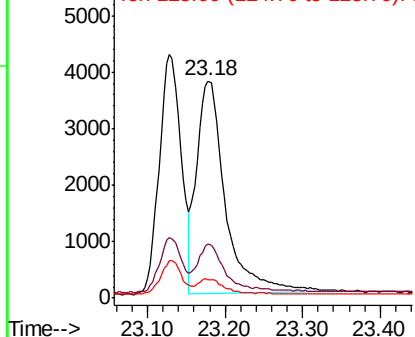


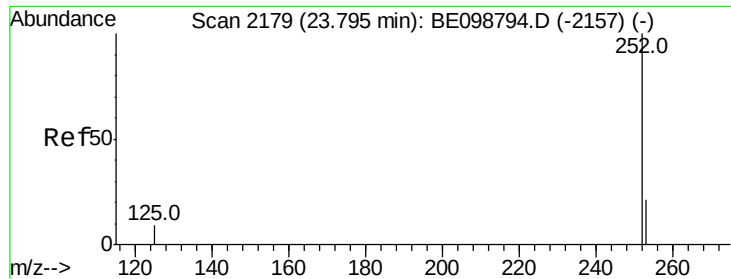
#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 23.18 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:252 Resp: 9674
Ion Ratio Lower Upper
252 100
253 25.1 19.3 28.9
125 8.7 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: 0.384 ng

RT: 23.79 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

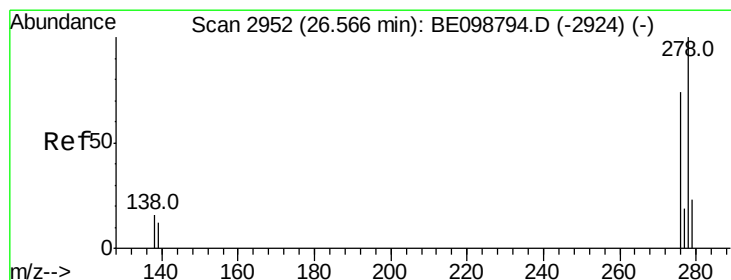
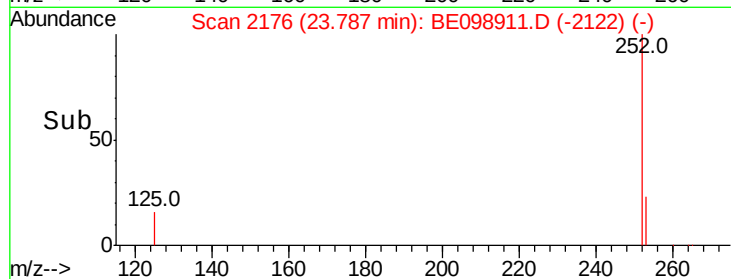
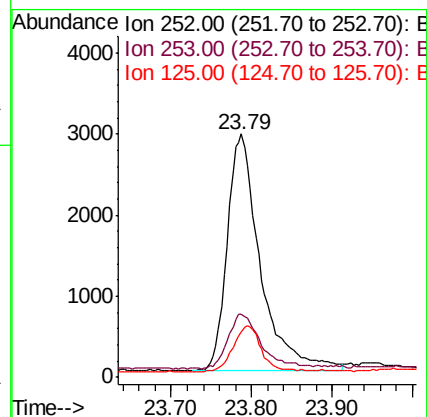
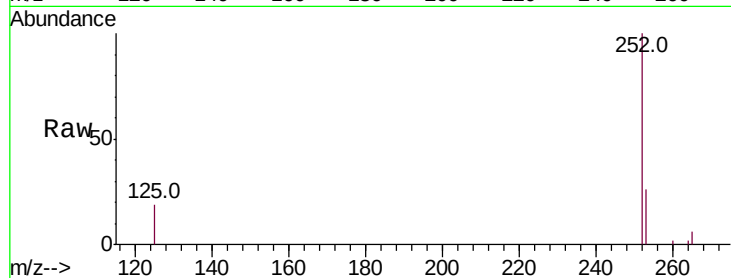
Tot Ion:252 Resp: 8374

Ion Ratio Lower Upper

252 100

253 25.8 19.9 29.9

125 18.5 9.0 13.4#



#38

Dibenzo(a,h)anthracene

Concen: 0.356 ng

RT: 26.56 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

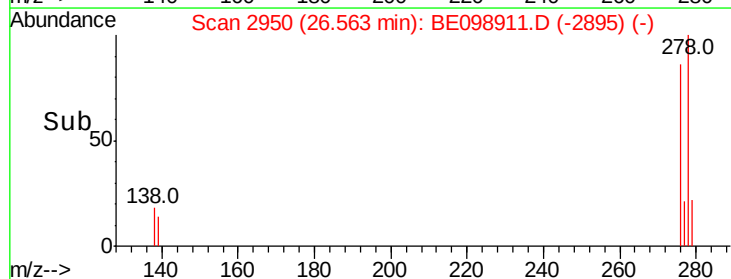
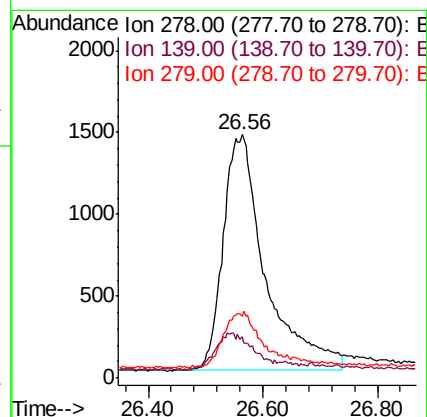
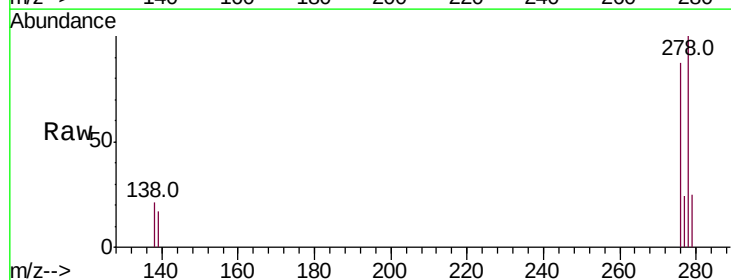
Tgt Ion:278 Resp: 7355

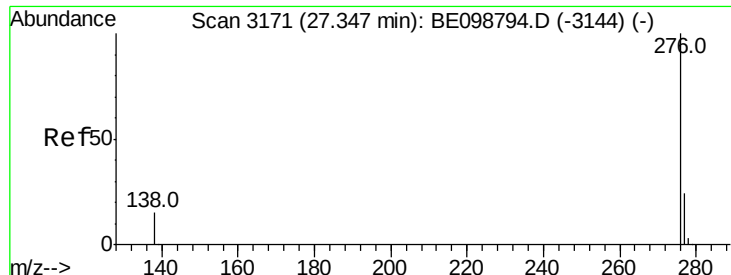
Ion Ratio Lower Upper

278 100

139 17.0 11.8 17.6

279 25.4 21.1 31.7





#39

Benzo(a,h,i)perylene

Concen: 0.368 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

ClientSampleId :

PB117852BSD

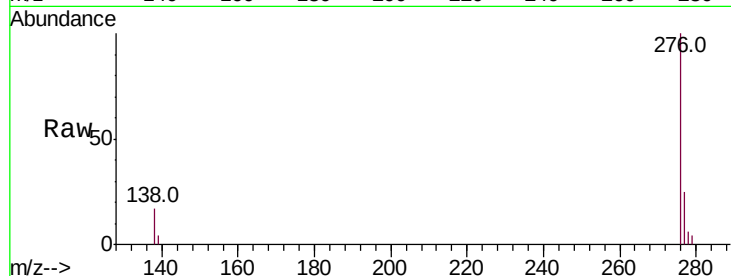
Tot Ion:276 Resp: 7944

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 17.1 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

