

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098891.D
 Acq On : 12 Mar 2019 10:51
 Operator : JU/SJ
 Sample : PB117818BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117818BS

Quant Time: Mar 12 12:22:59 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	929	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4076	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2716	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6948	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7914	0.40	ng	-0.01
34) Perylene-d12	23.90	264	7901	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	941	0.34	ng	0.01
5) Phenol-d6	7.00	99	1461	0.37	ng	0.01
8) Nitrobenzene-d5	8.97	82	1400	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2989	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	463	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4487	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	38771	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	7588	0.39	ng	0.00

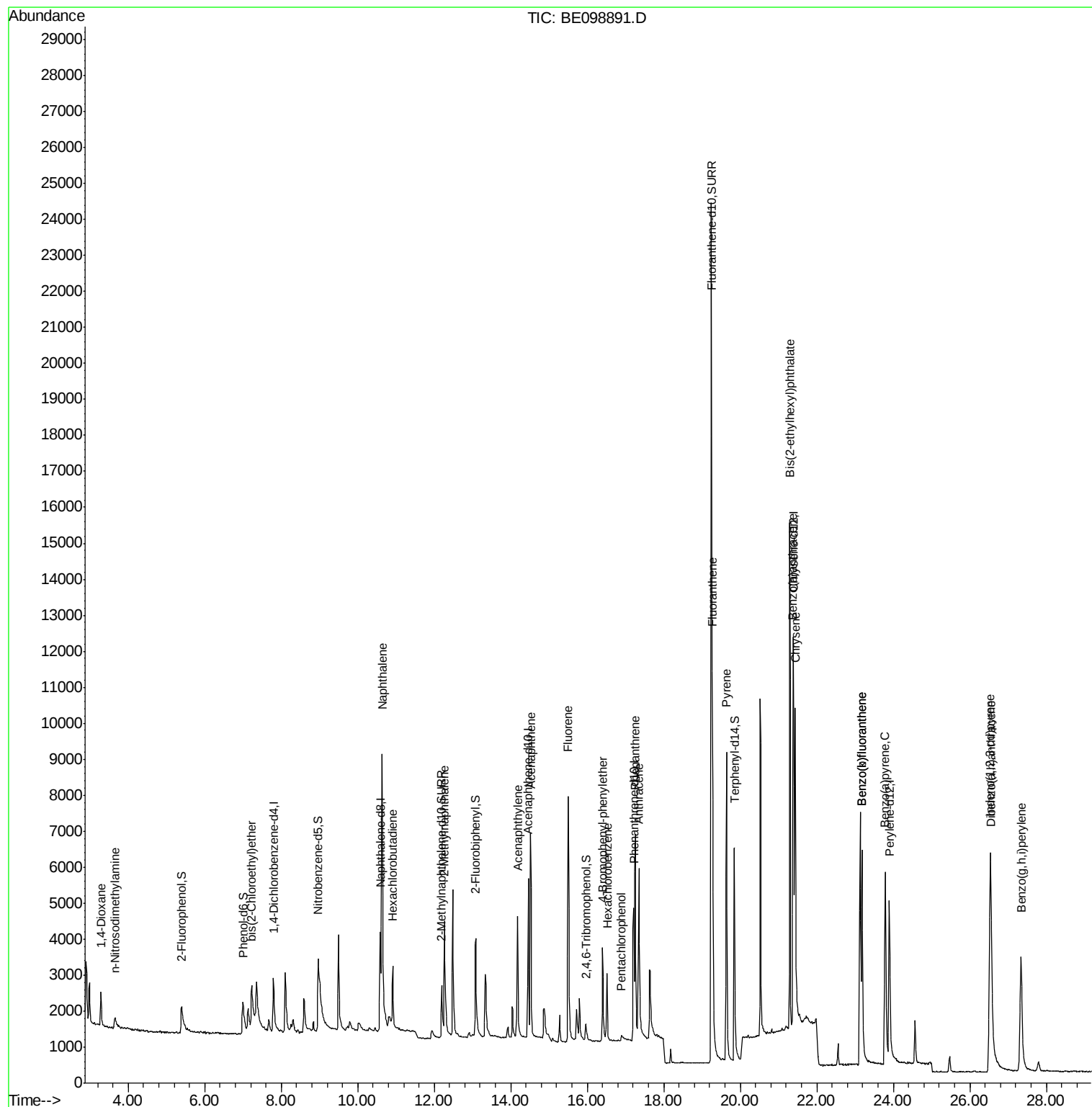
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	694	0.381	ng	99
3) n-Nitrosodimethylamine	3.65	42	475	0.203	ng	# 77
6) bis(2-Chloroethyl)ether	7.23	93	940	0.310	ng	# 86
9) Naphthalene	10.64	128	18916	0.405	ng	100
10) Hexachlorobutadiene	10.91	225	1268	0.411	ng	96
12) 2-Methylnaphthalene	12.27	142	2872	0.379	ng	97
16) Acenaphthylene	14.18	152	5257	0.376	ng	98
17) Acenaphthene	14.51	154	3287	0.397	ng	97
18) Fluorene	15.50	166	4627	0.387	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1387	0.368	ng	97
21) Hexachlorobenzene	16.52	284	1697	0.379	ng	97
22) Pentachlorophenol	16.89	266	176	0.380	ng	94
23) Phenanthrene	17.25	178	7573	0.383	ng	99
24) Anthracene	17.35	178	6167	0.365	ng	99
26) Fluoranthene	19.28	202	9690	0.348	ng	100
28) Pyrene	19.64	202	9948	0.411	ng	100
30) Benzo(a)anthracene	21.38	228	8750	0.354	ng	96
31) Chrysene	21.44	228	10798	0.409	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	17612	0.335	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	11385	0.408	ng	98
35) Benzo(b)fluoranthene	23.18	252	10572	0.407	ng	98
36) Benzo(k)fluoranthene	23.18	252	10849	0.399	ng	99
37) Benzo(a)pyrene	23.79	252	9849	0.395	ng	# 82
38) Dibenzo(a,h)anthracene	26.55	278	8891	0.377	ng	# 93
39) Benzo(g,h,i)perylene	27.34	276	9346	0.379	ng	99

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

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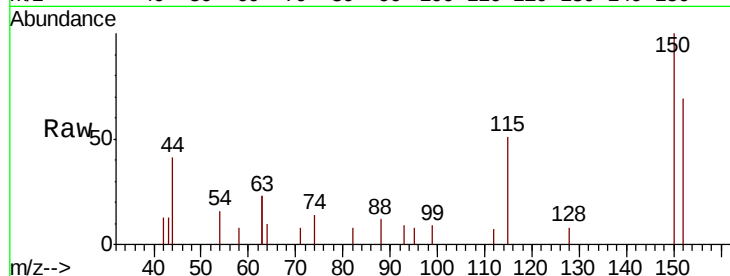


#1

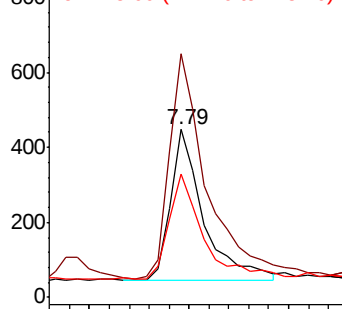
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

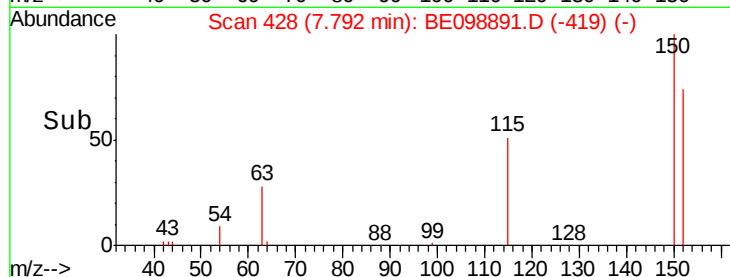
Tot Ion:152 Resp: 929
Ion Ratio Lower Upper
152 100
150 144.9 122.5 183.7
115 73.2 57.4 86.2



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



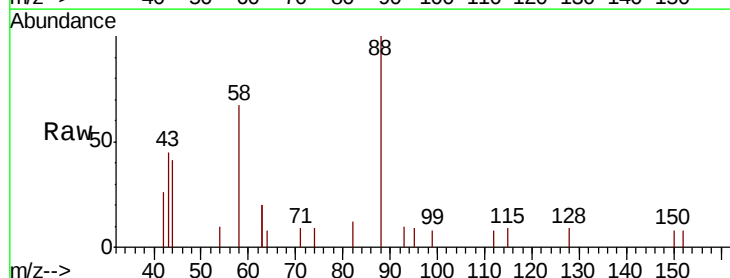
Time-->



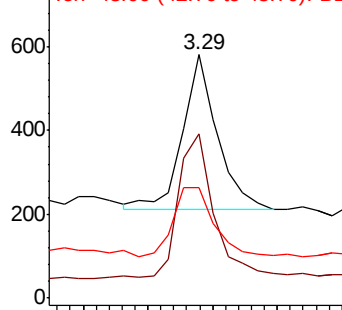
#2

1,4-Dioxane
Concen: 0.381 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

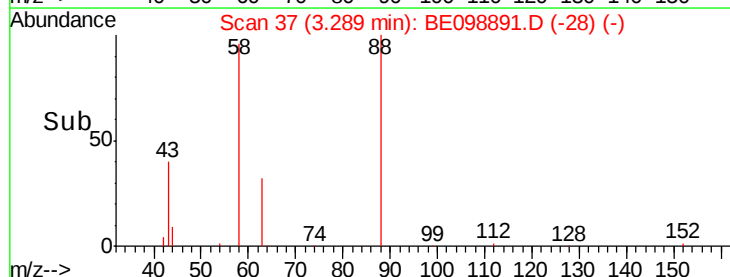
Tgt Ion: 88 Resp: 694
Ion Ratio Lower Upper
88 100
58 95.5 75.8 113.6
43 51.2 41.8 62.8



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



Time-->



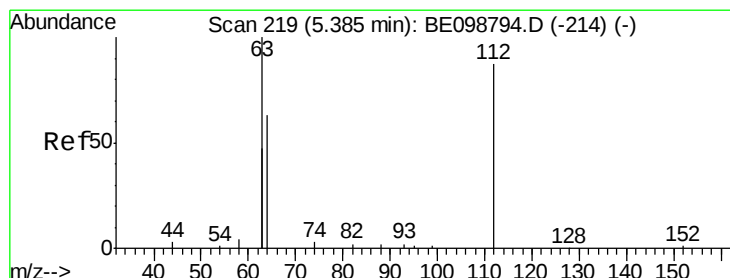
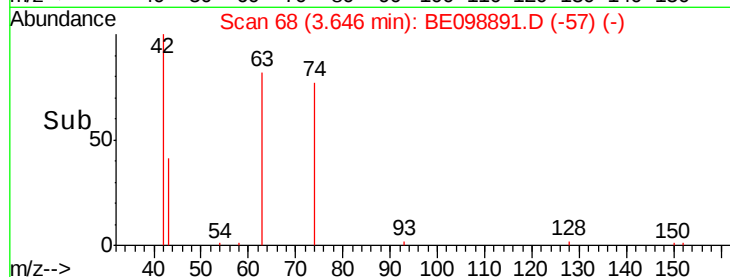
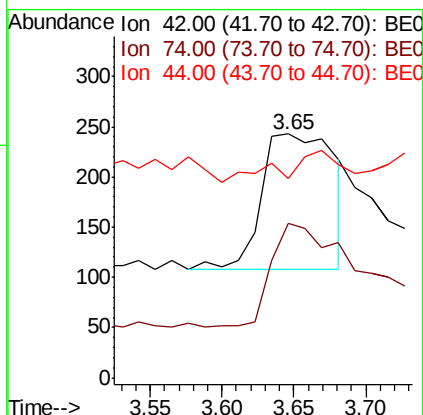
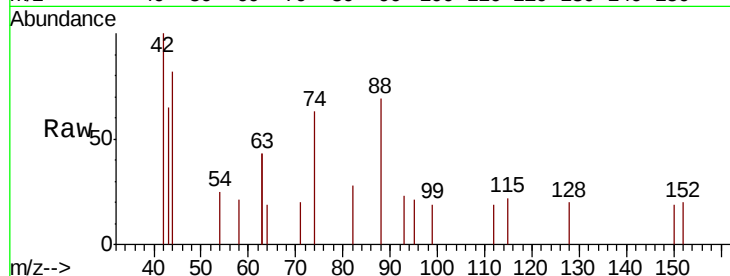


#3

n-Nitrosodimethylamine
 Concen: 0.203 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BE098891.D
 Acq: 12 Mar 2019 10:51

Instrument :
 BNA_E
 ClientSampleId :
 PB117818BS

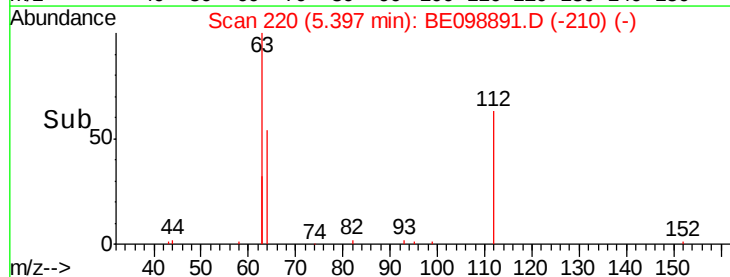
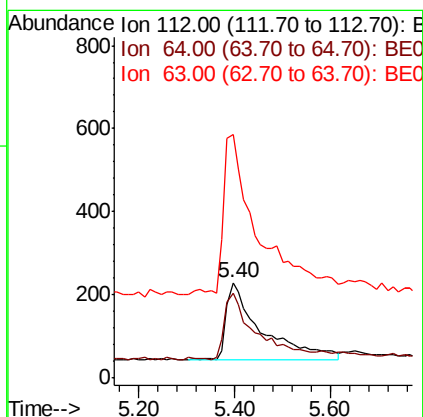
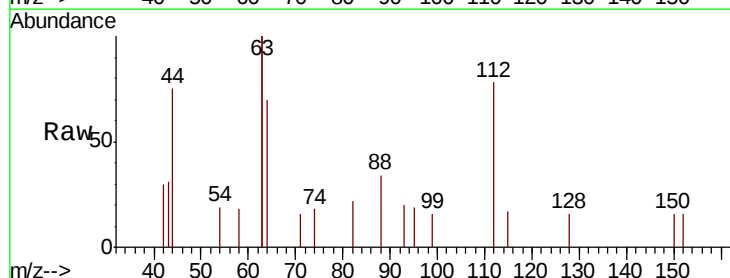
Tot Ion: 42 Resp: 475
 Ion Ratio Lower Upper
 42 100
 74 52.2 57.0 85.4#
 44 0.0 0.0 0.0



#4

2-Fluorophenol
 Concen: 0.339 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098891.D
 Acq: 12 Mar 2019 10:51

Tgt Ion: 112 Resp: 941
 Ion Ratio Lower Upper
 112 100
 64 79.3 57.9 86.9
 63 200.7 158.3 237.5





#5

Phenol-d6

Concen: 0.372 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_E

ClientSampleId :

PB117818BS

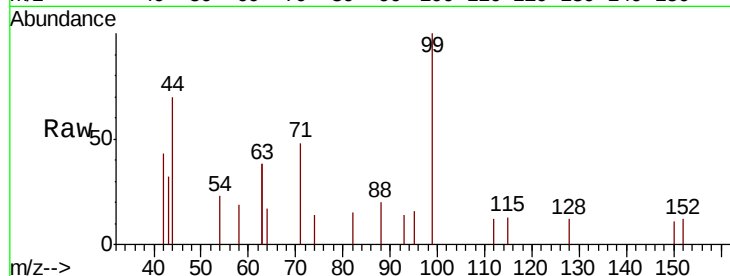
Tot Ion: 99 Resp: 1461

Ion Ratio Lower Upper

99 100

42 31.5 24.2 36.2

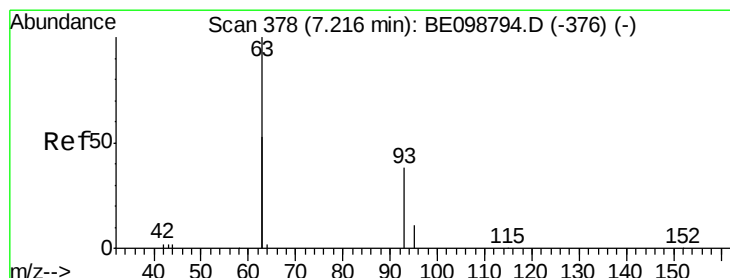
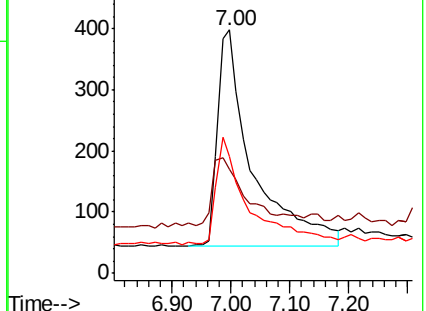
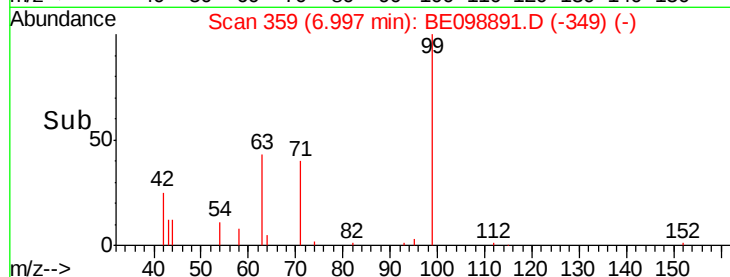
71 45.2 35.7 53.5



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: 0.310 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

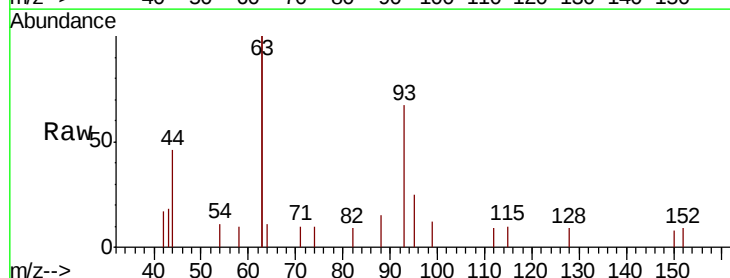
Tgt Ion: 93 Resp: 940

Ion Ratio Lower Upper

93 100

63 337.4 247.5 371.3

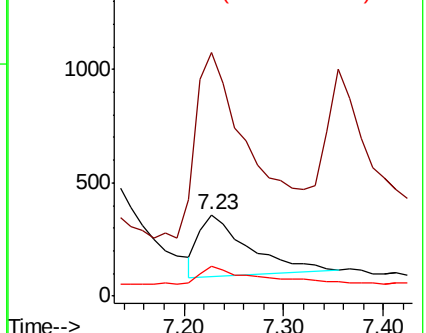
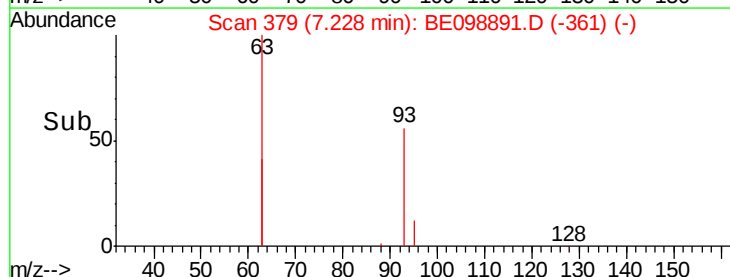
95 35.4 21.8 32.8#



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: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

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ClientSampleId :

PB117818BS

Tot Ion:136 Resp: 4076

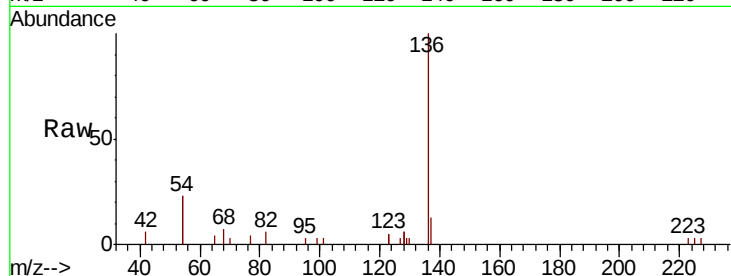
Ion Ratio Lower Upper

136 100

137 12.9 11.4 17.0

54 45.7 39.3 58.9

68 7.4 6.7 10.1

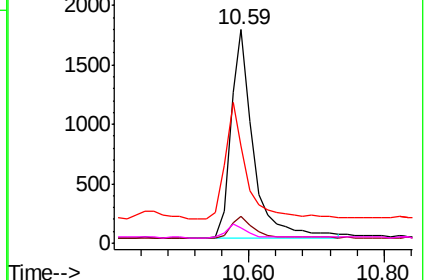
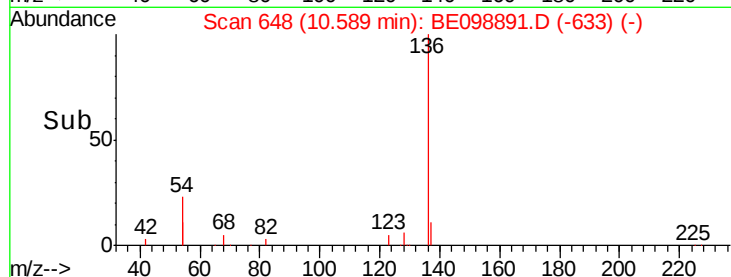


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.328 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

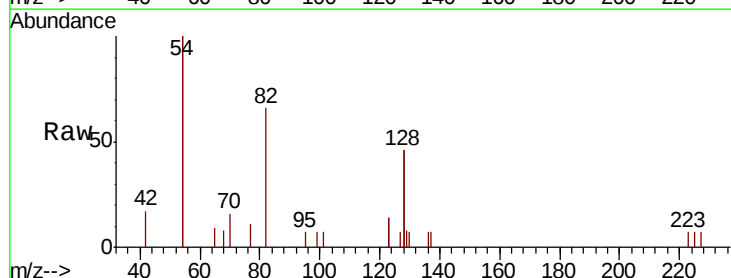
Tgt Ion: 82 Resp: 1400

Ion Ratio Lower Upper

82 100

128 140.0 123.8 185.8

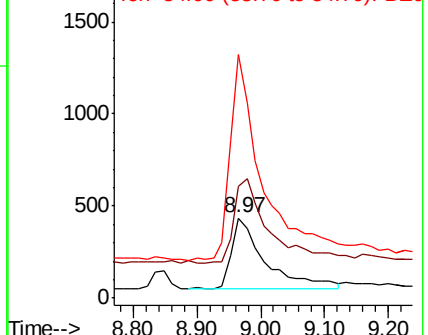
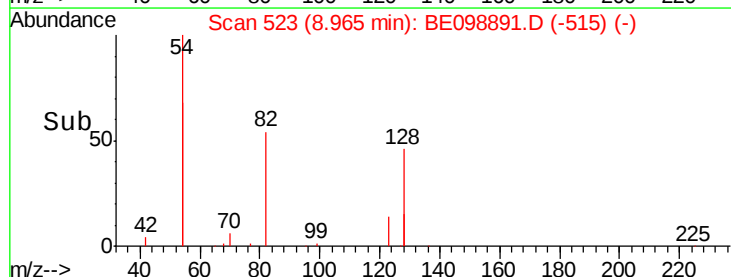
54 305.3 203.4 305.2#

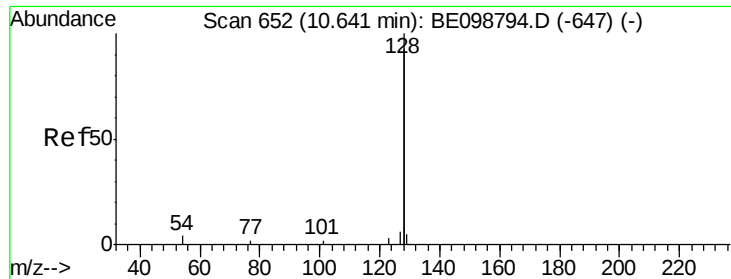


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.405 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

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ClientSampleId :

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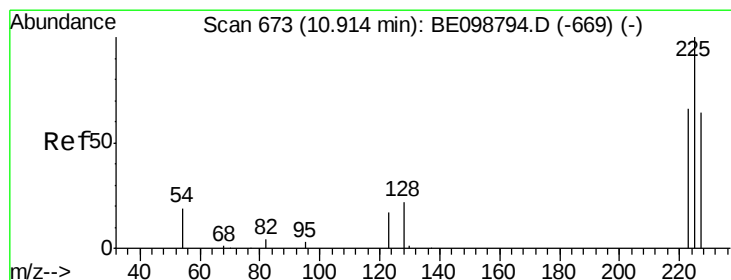
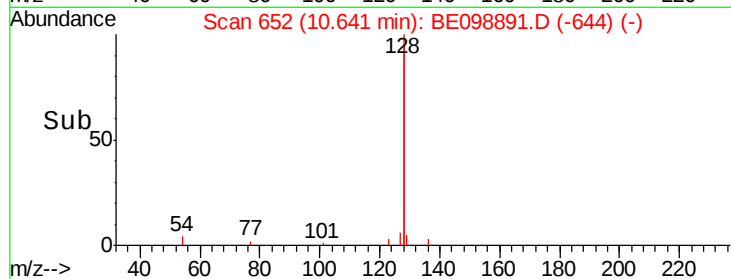
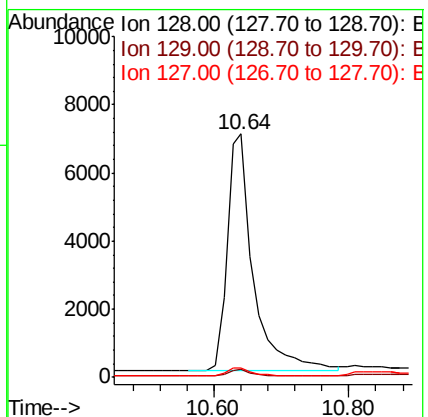
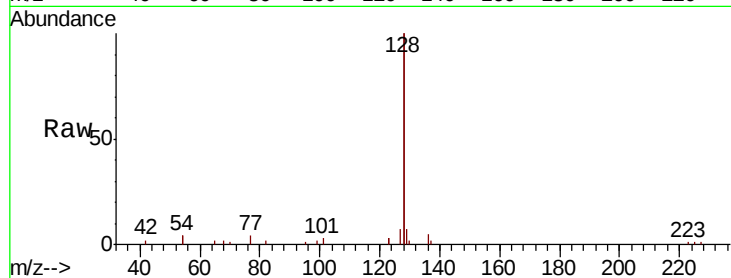
Tot Ion:128 Resp: 18916

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

127 3.7 3.1 4.7



#10

Hexachlorobutadiene

Concen: 0.411 ng

RT: 10.91 min Scan# 673

Delta R.T. 0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

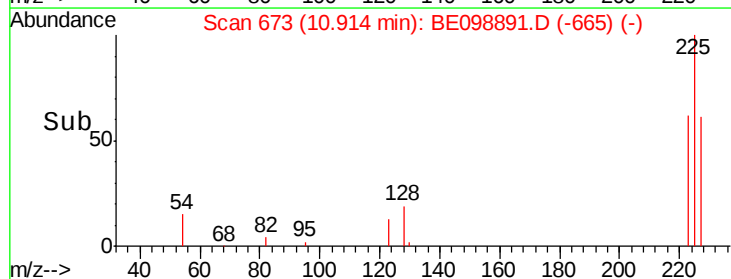
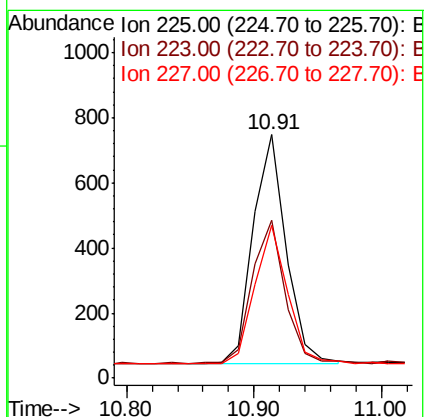
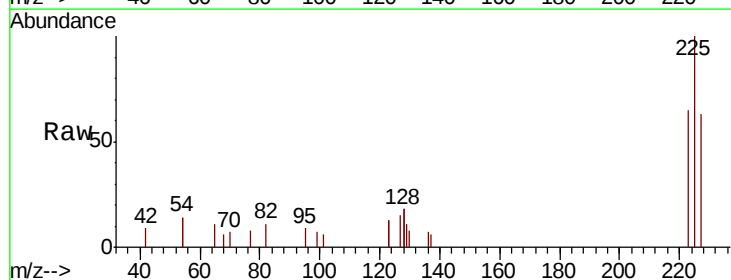
Tgt Ion:225 Resp: 1268

Ion Ratio Lower Upper

225 100

223 62.0 51.1 76.7

227 60.6 51.6 77.4





#11

2-Methylnaphthalene-d10

Concen: 0.397 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_E

ClientSampleId :

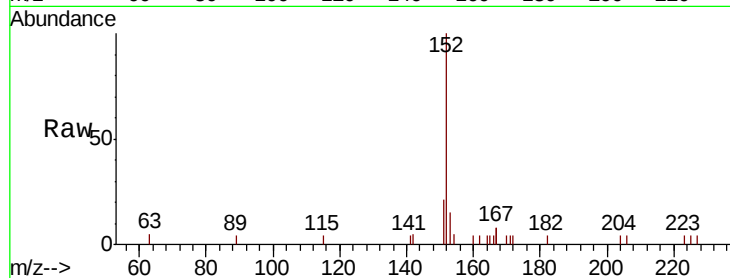
PB117818BS

Tot Ion:152 Resp: 2989

Ion Ratio Lower Upper

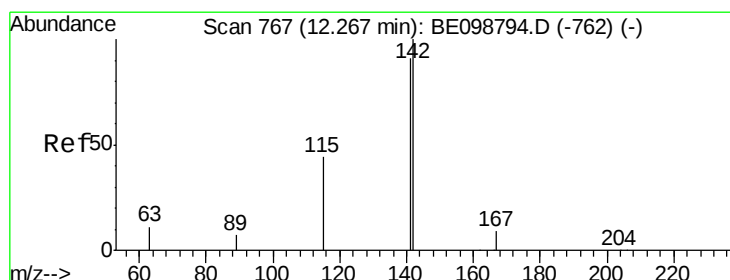
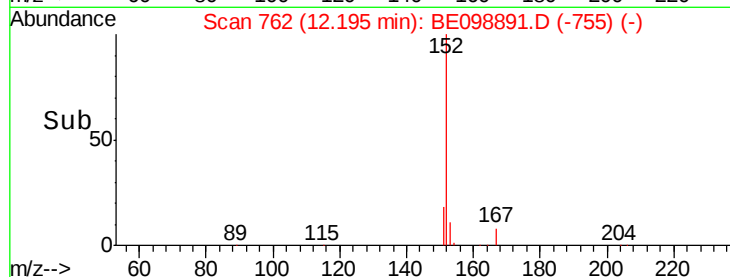
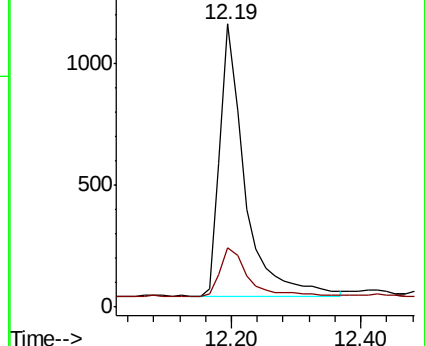
152 100

151 20.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.379 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

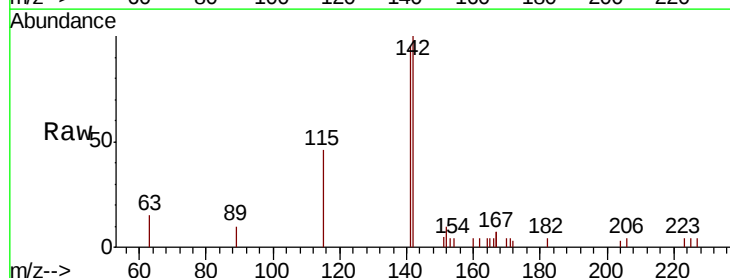
Tgt Ion:142 Resp: 2872

Ion Ratio Lower Upper

142 100

141 94.6 72.6 108.8

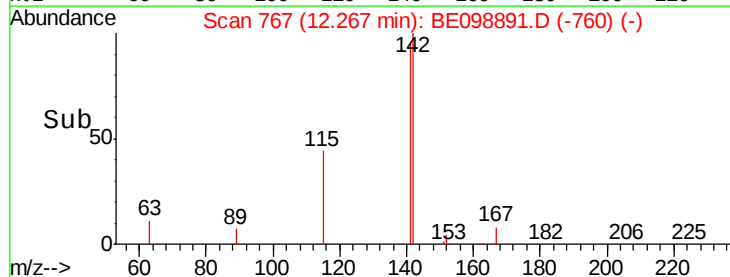
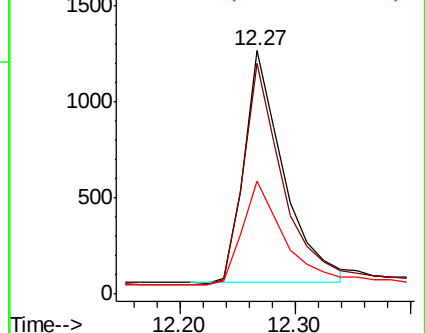
115 46.3 37.4 56.2

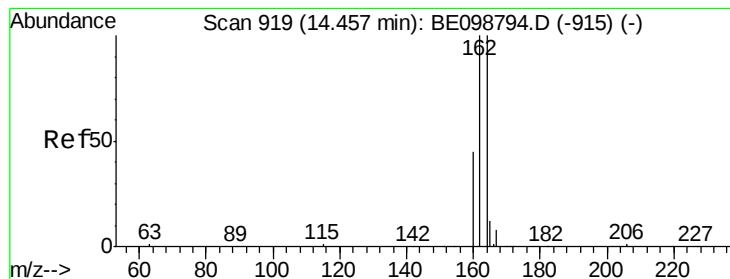


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_E

ClientSampleId :

PB117818BS

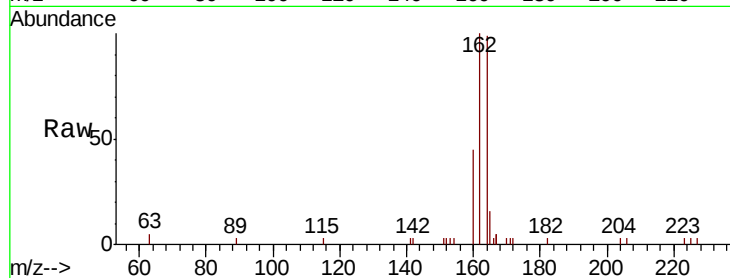
Tot Ion:164 Resp: 2716

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

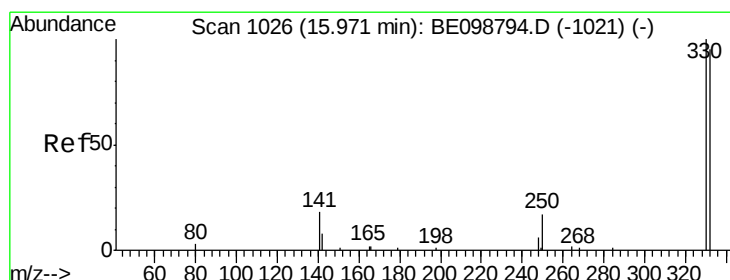
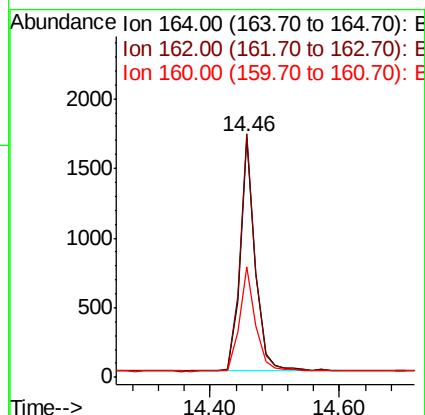
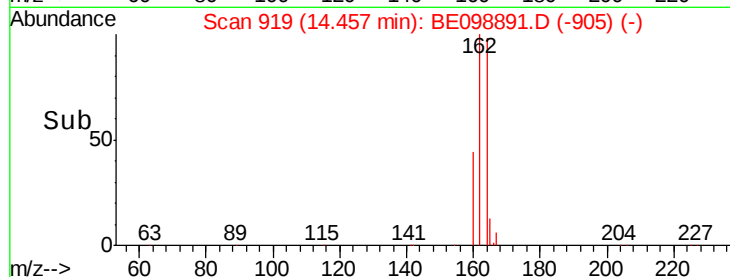
160 46.1 37.8 56.8



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: 0.338 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

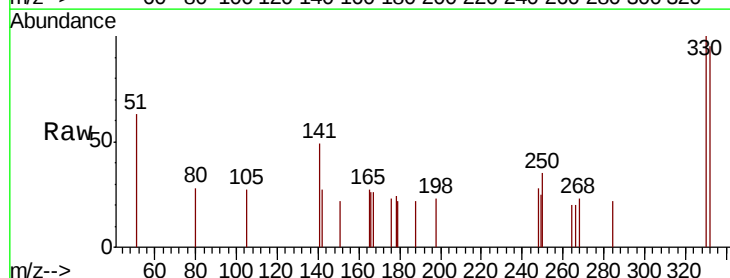
Tgt Ion:330 Resp: 463

Ion Ratio Lower Upper

330 100

332 92.2 77.6 116.4

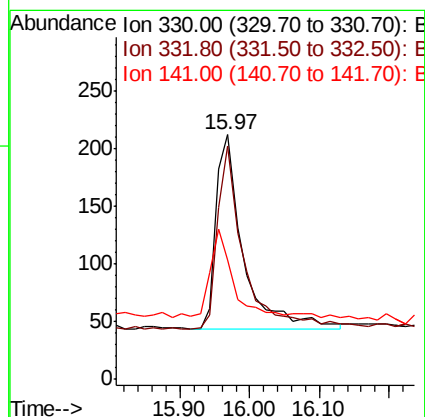
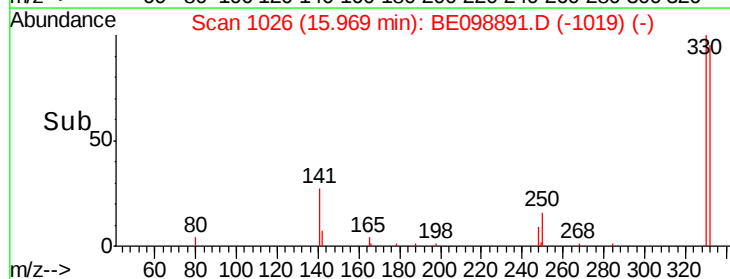
141 47.1 31.0 46.4#



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

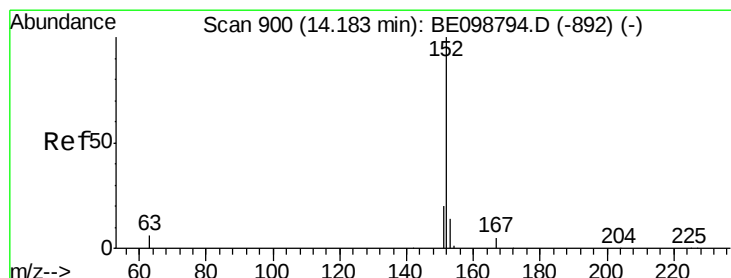
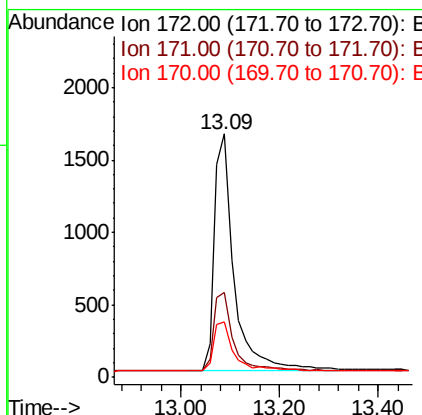
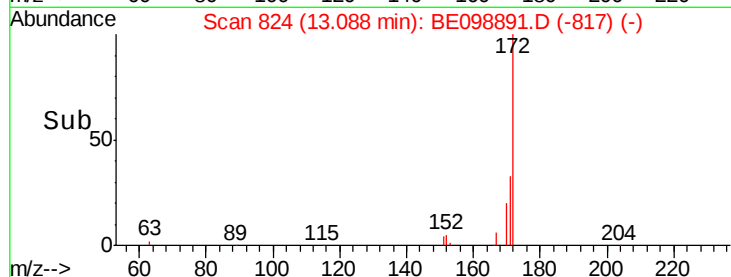
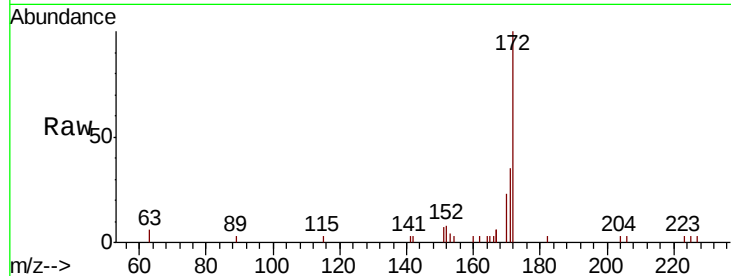




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

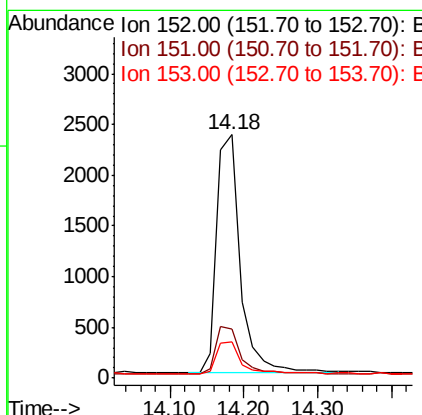
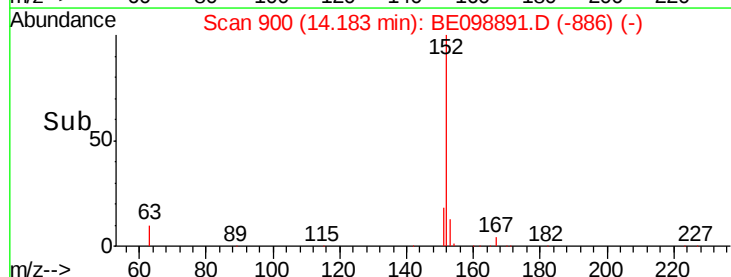
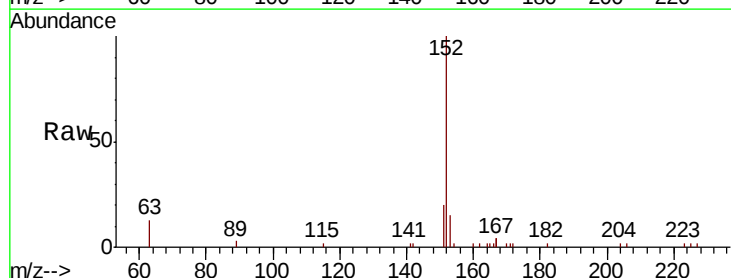
Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tot Ion:172 Resp: 4487
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 22.6 17.7 26.5



#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:152 Resp: 5257
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6
153 13.3 11.2 16.8

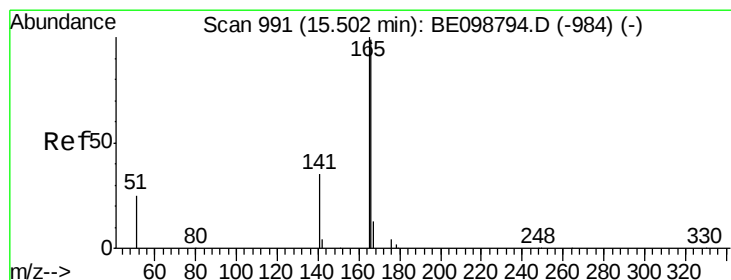
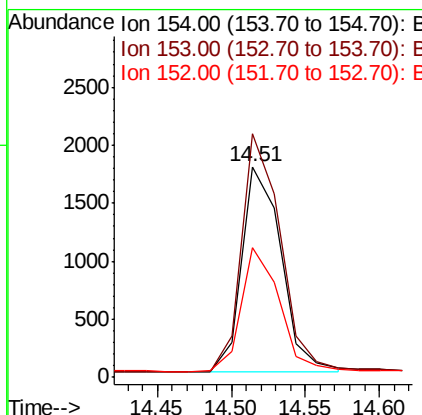
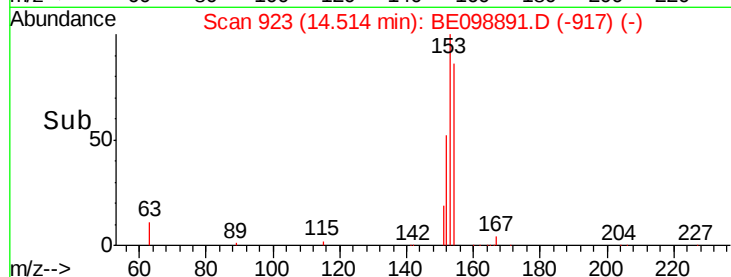
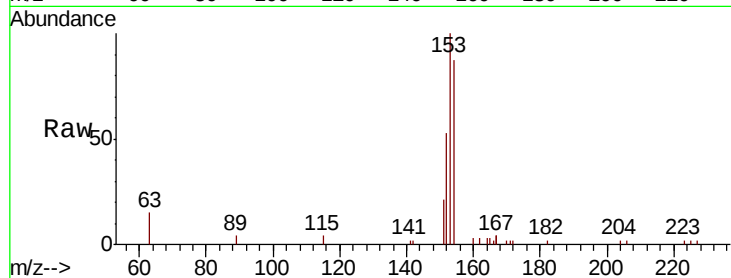




#17
Acenaphthene
Concen: 0.397 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

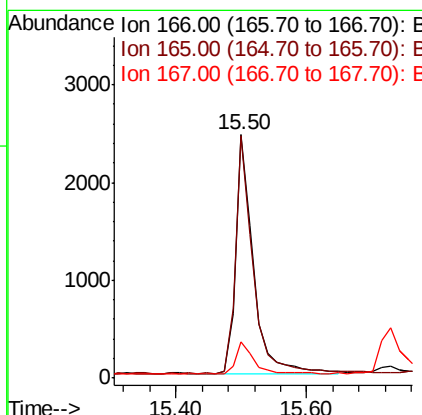
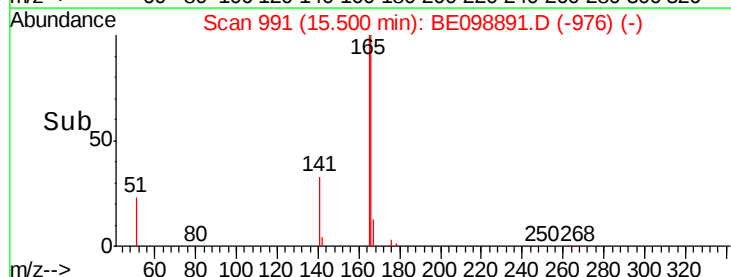
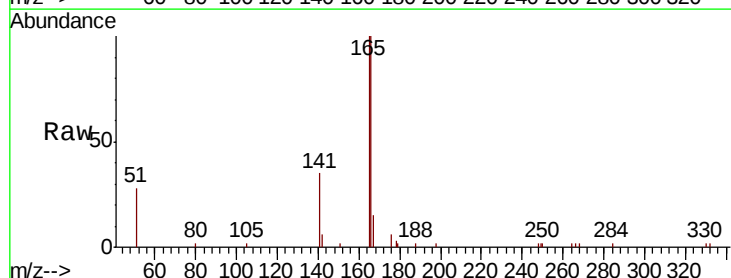
Instrument :
BNA_E
ClientSampleId :
PB117818BS

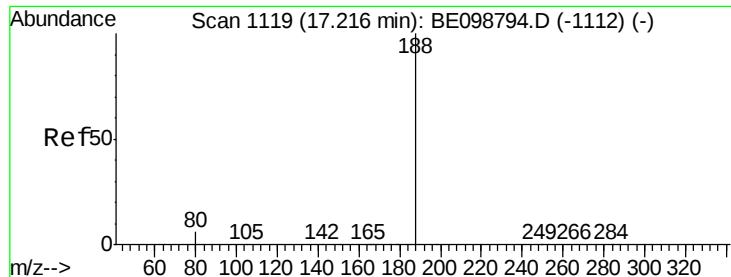
Tot Ion:154 Resp: 3287
Ion Ratio Lower Upper
154 100
153 114.1 94.2 141.4
152 58.4 45.0 67.4



#18
Fluorene
Concen: 0.387 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:166 Resp: 4627
Ion Ratio Lower Upper
166 100
165 97.8 79.3 118.9
167 13.4 10.5 15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_E

ClientSampleId :

PB117818BS

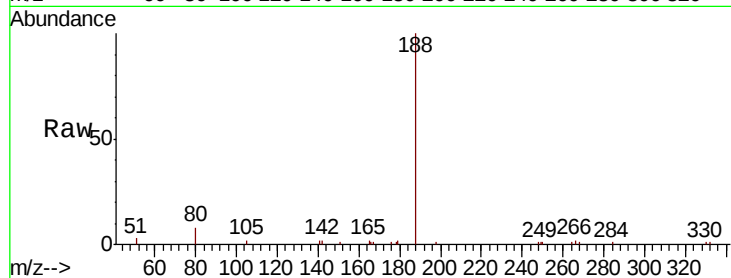
Tot Ion:188 Resp: 6948

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

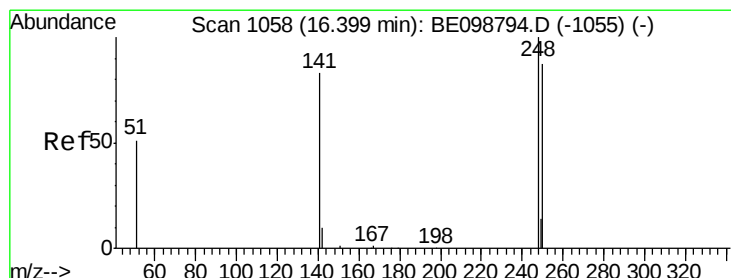
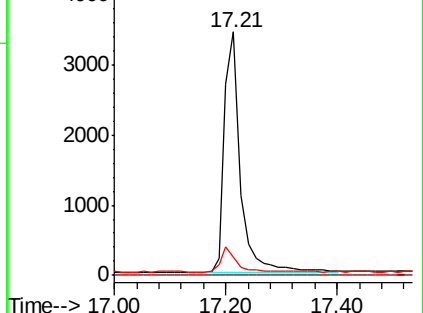
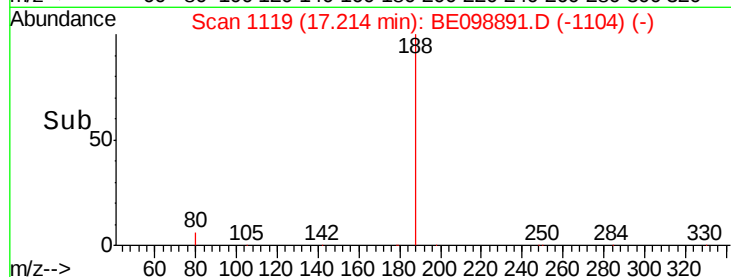
80 7.6 6.3 9.5



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: 0.368 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

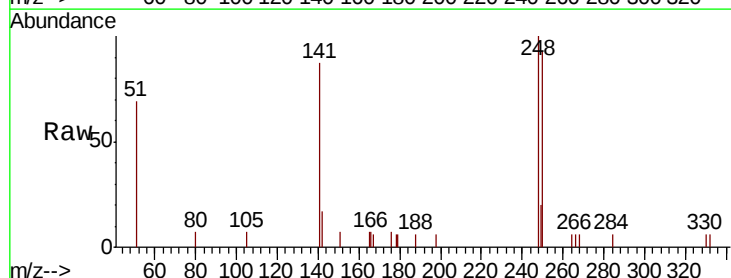
Tgt Ion:248 Resp: 1387

Ion Ratio Lower Upper

248 100

250 92.7 70.6 105.8

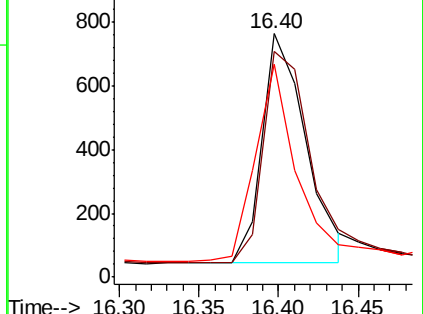
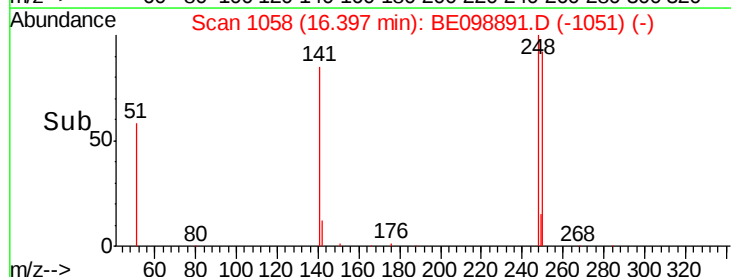
141 87.3 68.6 102.8



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: 0.379 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_E

ClientSampleId :

PB117818BS

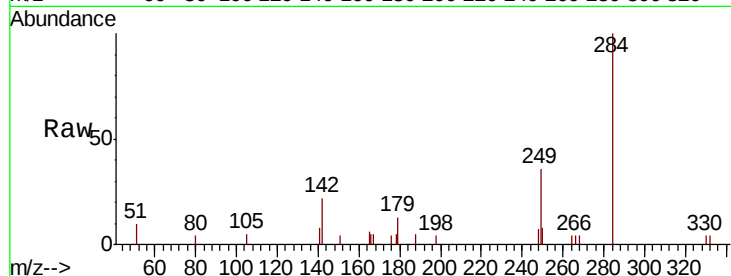
Tot Ion:284 Resp: 1697

Ion Ratio Lower Upper

284 100

142 36.6 28.7 43.1

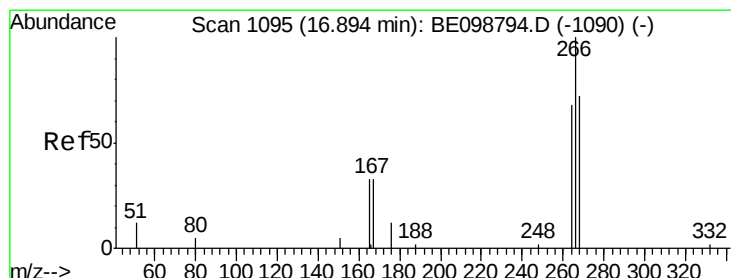
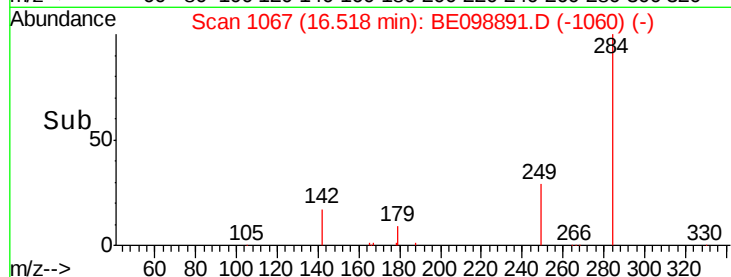
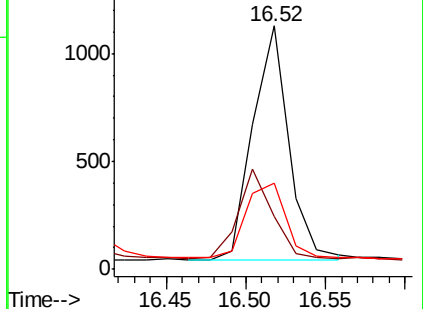
249 34.5 29.6 44.4



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: 0.380 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

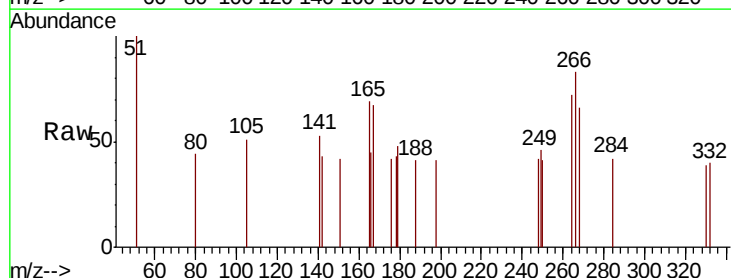
Tgt Ion:266 Resp: 176

Ion Ratio Lower Upper

266 100

264 87.0 66.6 100.0

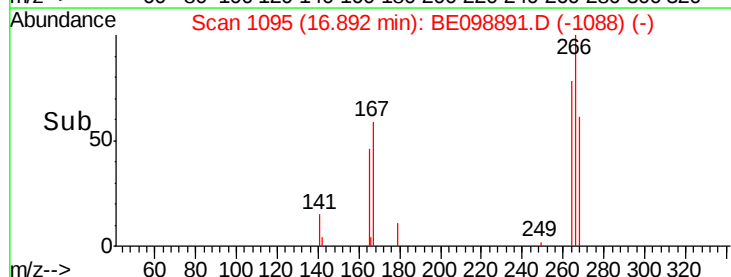
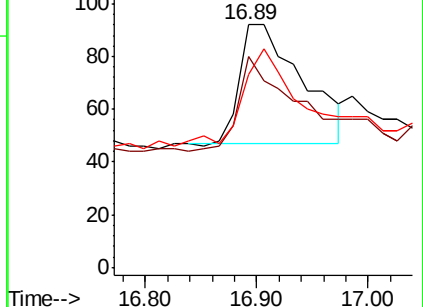
268 79.3 69.8 104.8

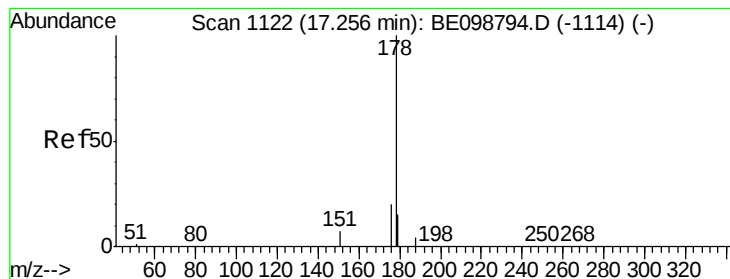


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.383 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_E

ClientSampleId :

PB117818BS

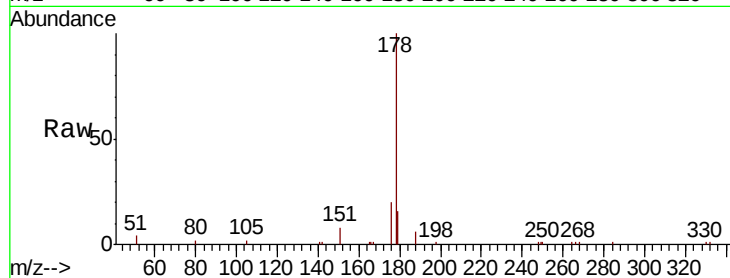
Tot Ion:178 Resp: 7573

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

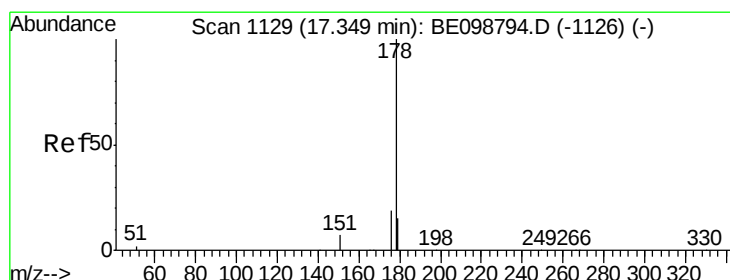
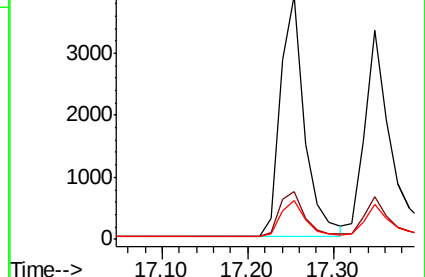
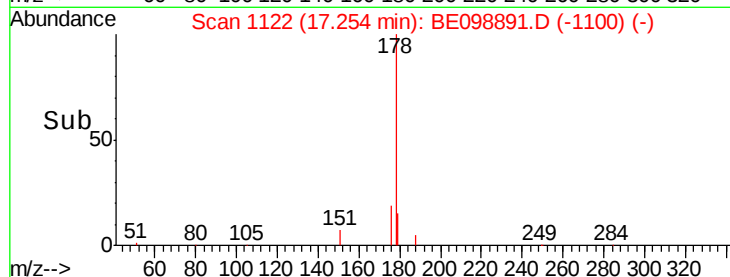
179 15.6 12.1 18.1



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: 0.365 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

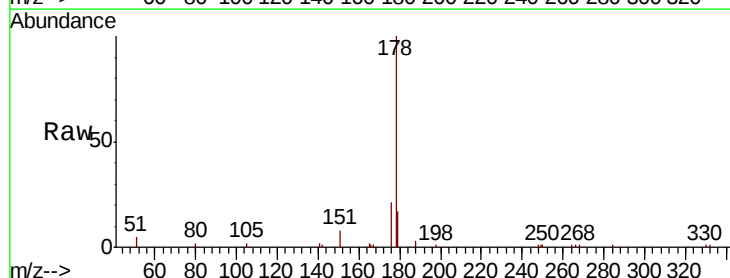
Tgt Ion:178 Resp: 6167

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

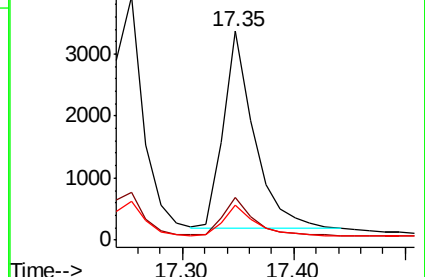
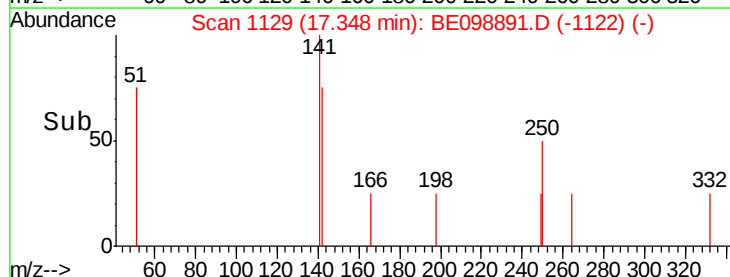
179 14.9 12.2 18.4

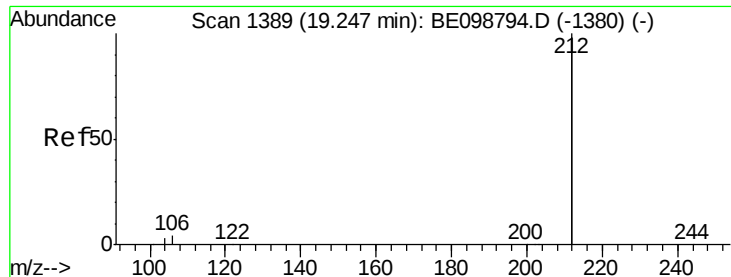


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_E

ClientSampleId :

PB117818BS

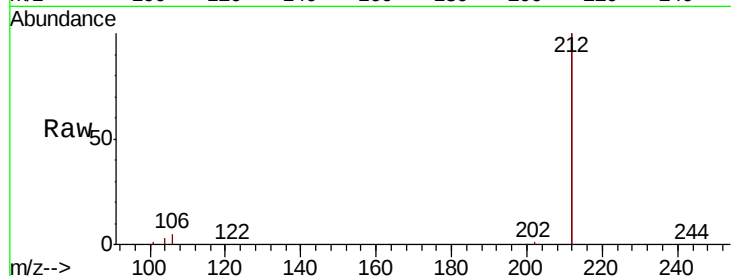
Tot Ion:212 Resp: 38771

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

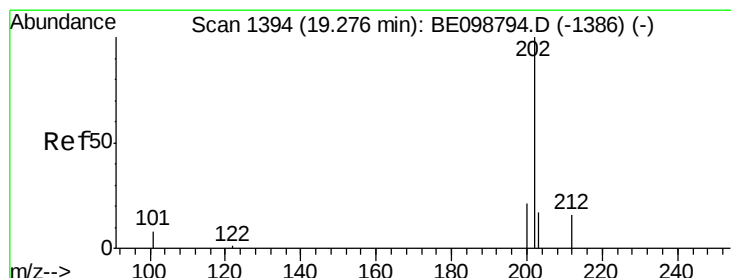
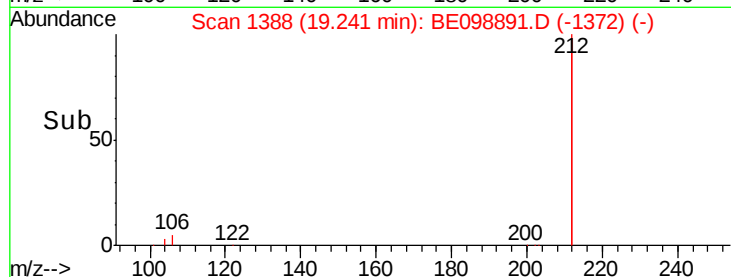
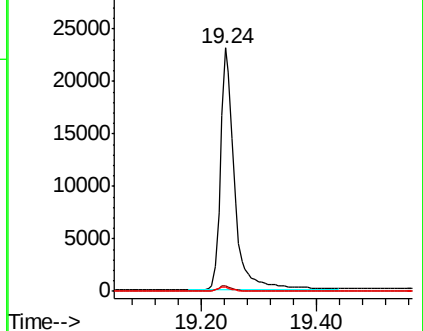
104 1.4 1.0 1.6



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: 0.348 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

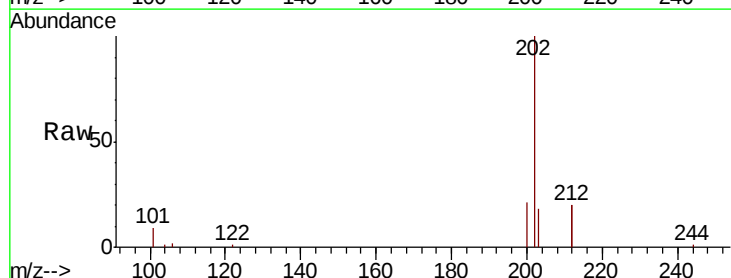
Tgt Ion:202 Resp: 9690

Ion Ratio Lower Upper

202 100

101 9.1 7.3 10.9

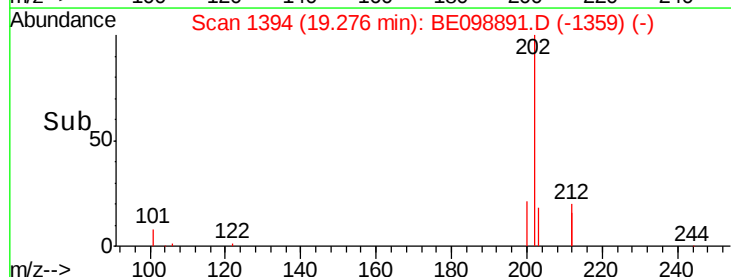
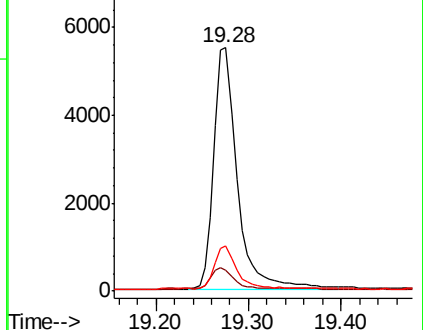
203 16.9 13.4 20.2



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

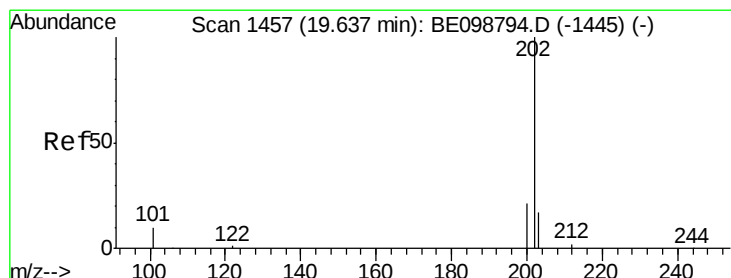
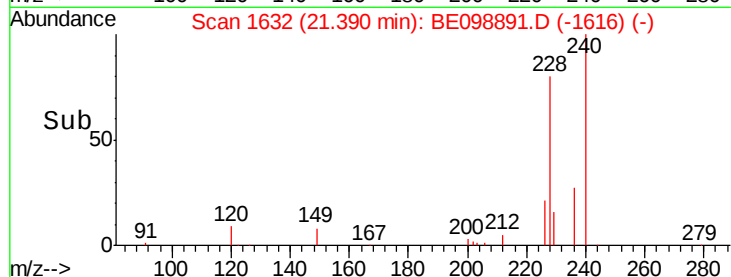
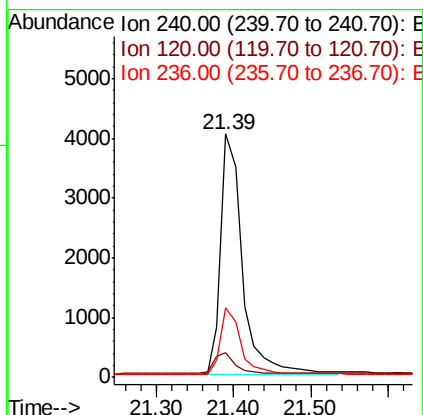
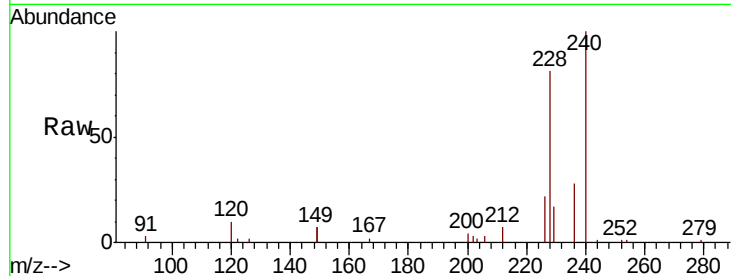




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE098891.D
 Acq: 12 Mar 2019 10:51

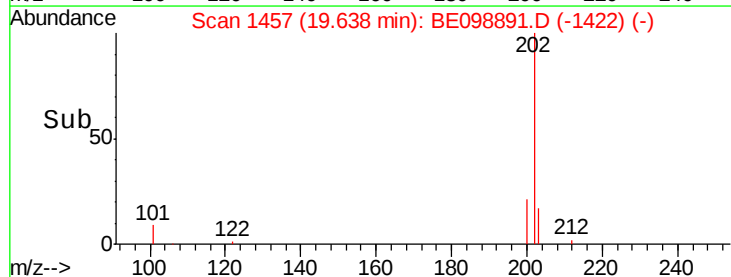
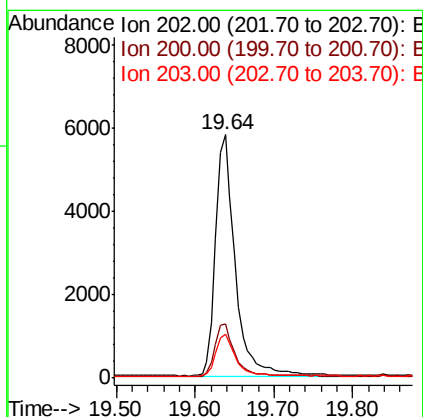
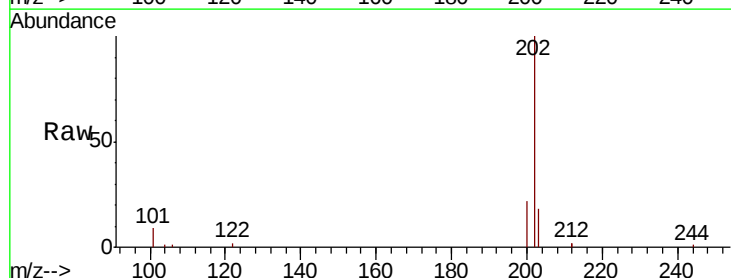
Instrument :
 BNA_E
 ClientSampleID :
 PB117818BS

Tot Ion:240 Resp: 7914
 Ion Ratio Lower Upper
 240 100
 120 10.3 5.0 7.4#
 236 28.4 22.7 34.1



#28
 Pyrene
 Concen: 0.411 ng
 RT: 19.64 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BE098891.D
 Acq: 12 Mar 2019 10:51

Tgt Ion:202 Resp: 9948
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.0 25.6
 203 17.4 14.2 21.2





#29

Terphenyl-d14

Concen: 0.395 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_E

ClientSampleId :

PB117818BS

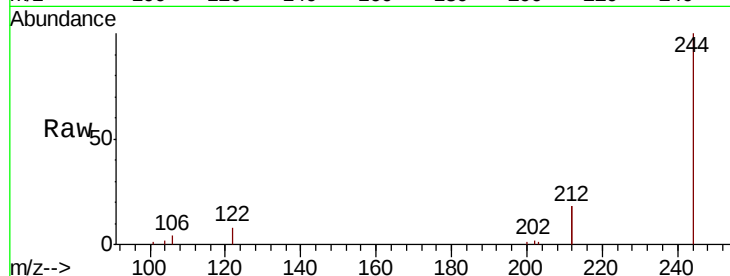
Tot Ion:244 Resp: 7588

Ion Ratio Lower Upper

244 100

212 36.6 29.4 44.2

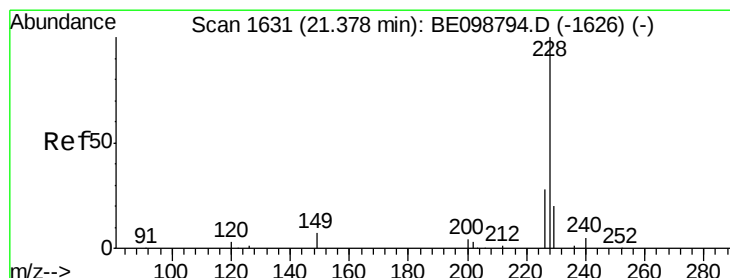
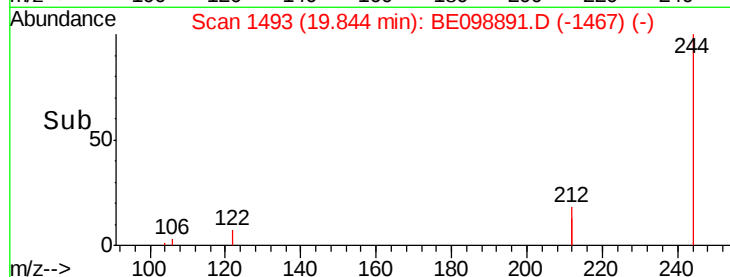
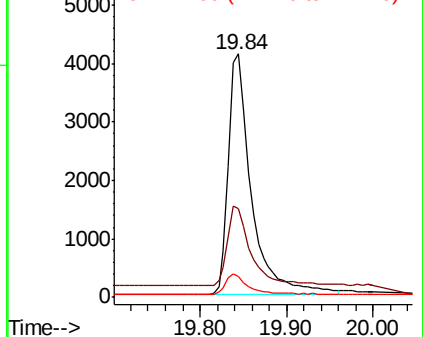
122 8.5 7.1 10.7



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: 0.354 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

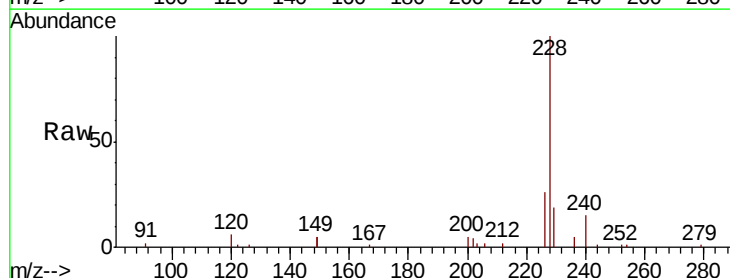
Tgt Ion:228 Resp: 8750

Ion Ratio Lower Upper

228 100

226 26.5 23.0 34.4

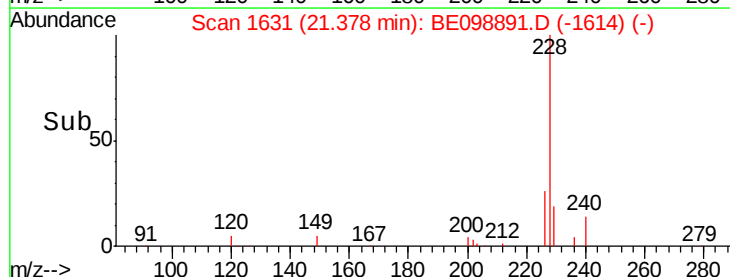
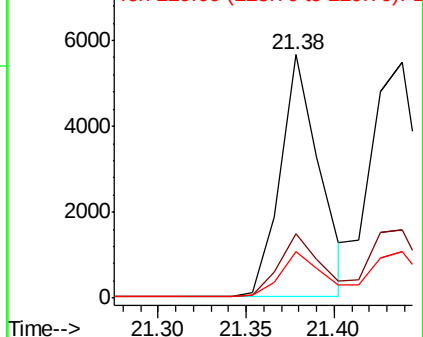
229 19.3 16.5 24.7



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: 0.409 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_E

ClientSampleId :

PB117818BS

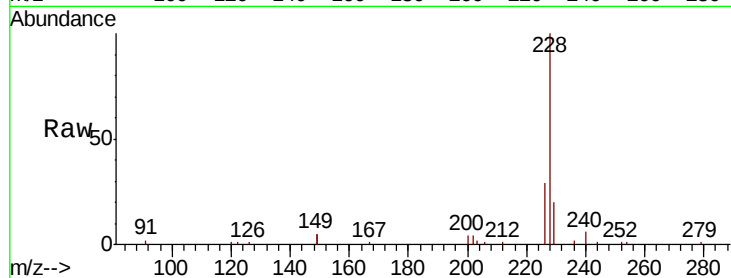
Tot Ion:228 Resp: 10798

Ion Ratio Lower Upper

228 100

226 28.8 23.7 35.5

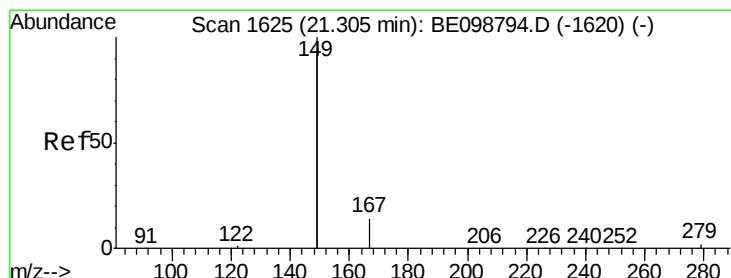
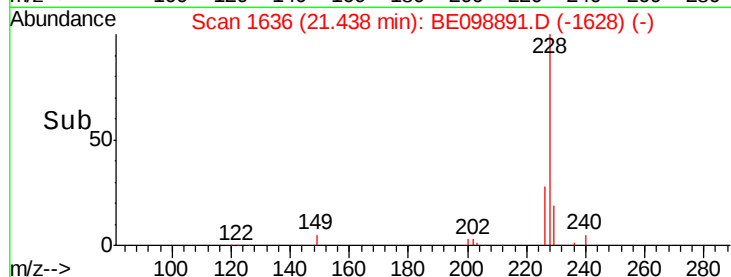
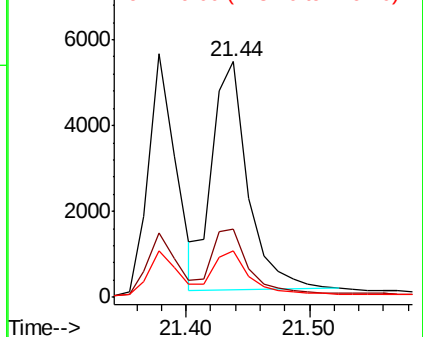
229 20.0 16.1 24.1



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: 0.335 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

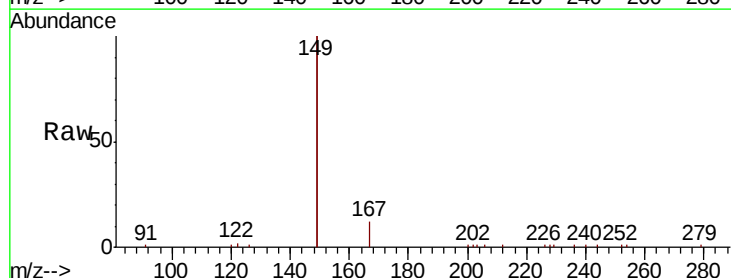
Tgt Ion:149 Resp: 17612

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

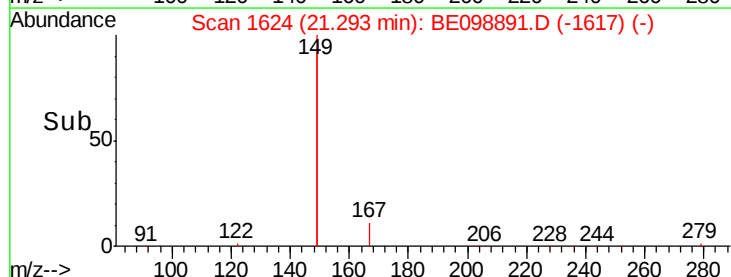
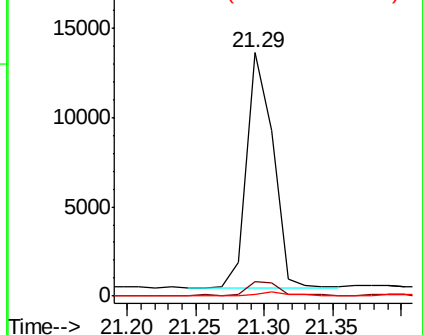
279 1.1 1.0 1.4



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

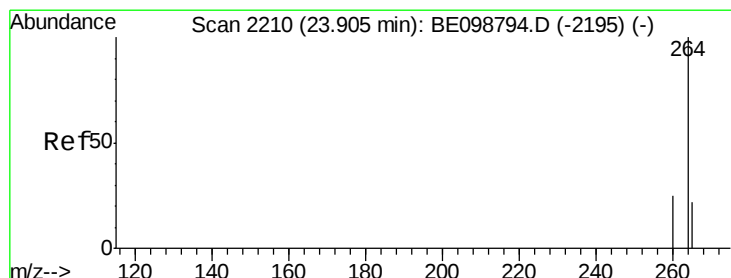
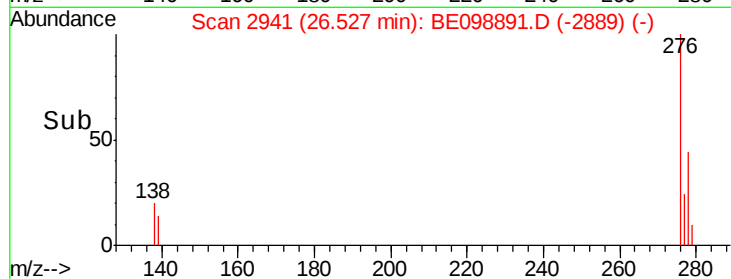
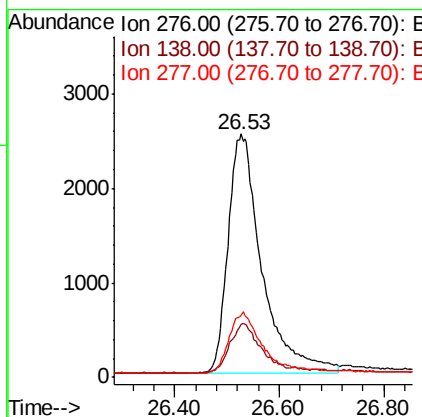
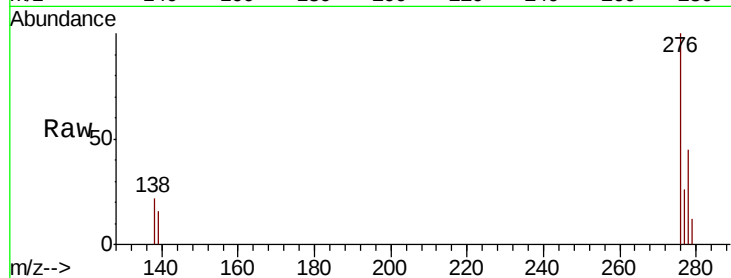




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.408 ng
 RT: 26.53 min Scan# 2941
 Delta R.T. -0.01 min
 Lab File: BE098891.D
 Acq: 12 Mar 2019 10:51

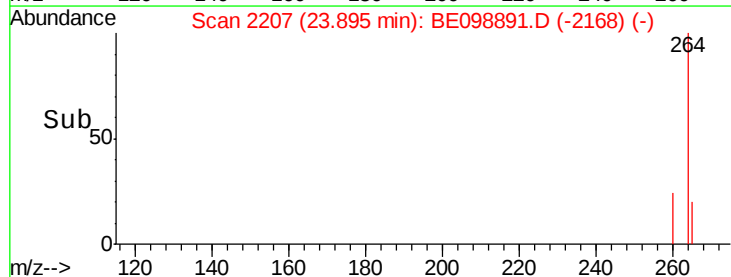
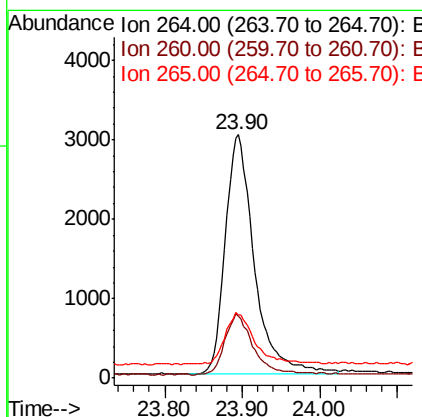
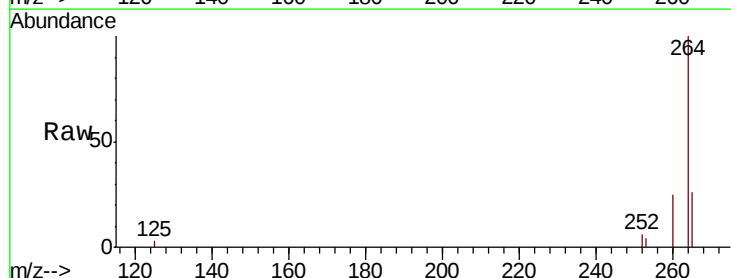
Instrument :
 BNA_E
 ClientSampleId :
 PB117818BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	13.8	20.8
277	25.2	19.5	29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE098891.D
 Acq: 12 Mar 2019 10:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.2	31.8
265	25.8	24.6	36.8

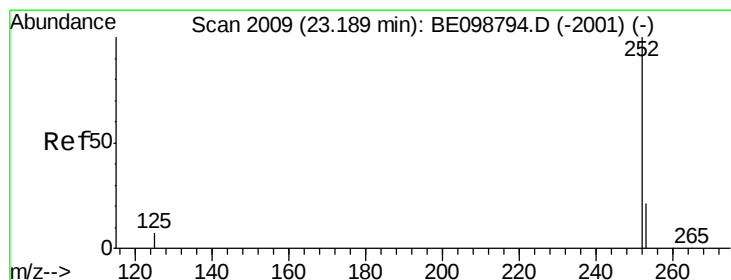
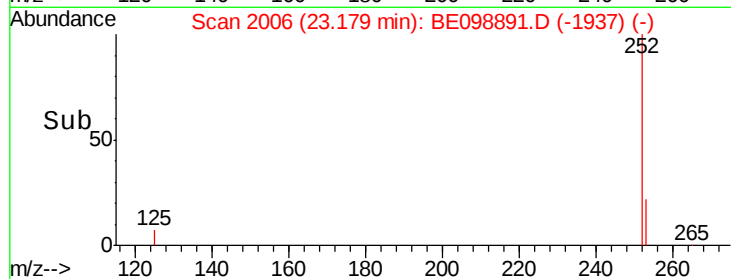
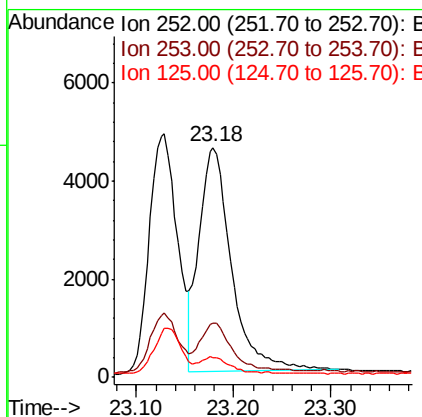
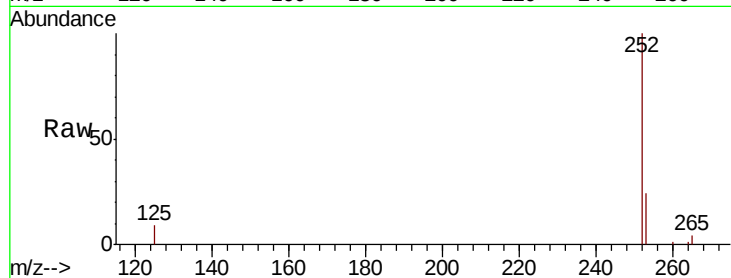




#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

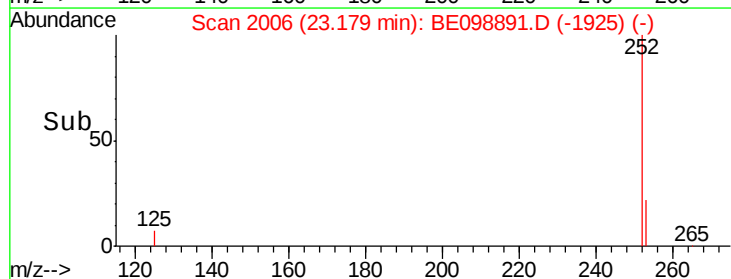
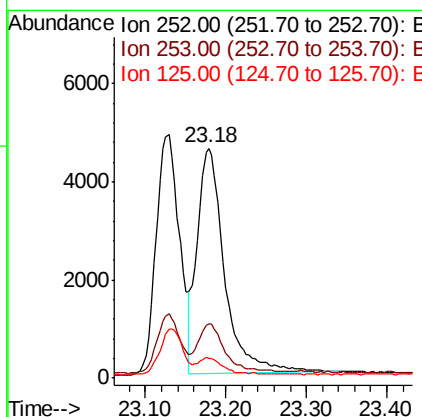
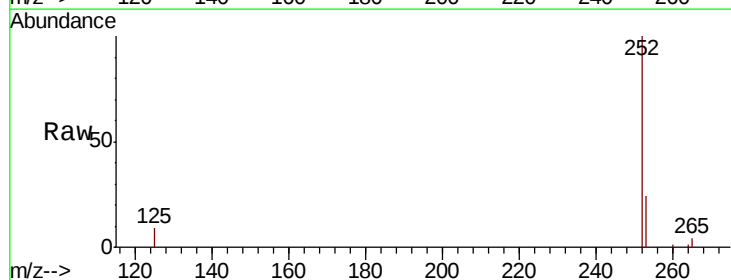
Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tot Ion:252 Resp: 10572
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.2
125 8.8 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:252 Resp: 10849
Ion Ratio Lower Upper
252 100
253 23.7 19.3 28.9
125 8.8 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_E

ClientSampleId :

PB117818BS

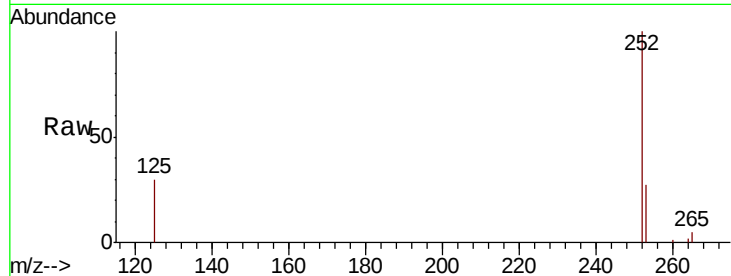
Tot Ion:252 Resp: 9849

Ion Ratio Lower Upper

252 100

253 27.1 19.9 29.9

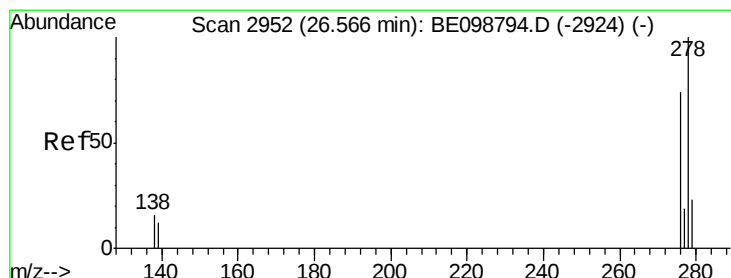
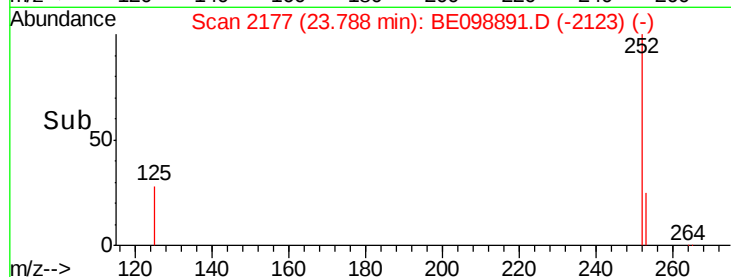
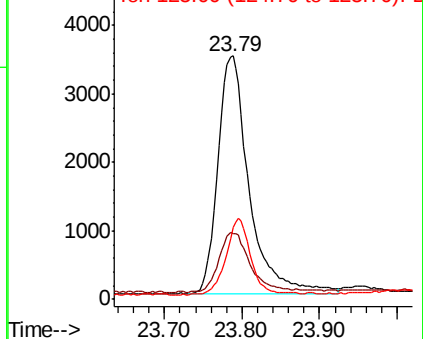
125 29.7 9.0 13.4#



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: 0.377 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

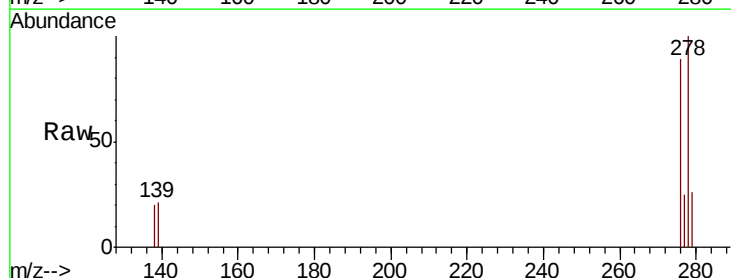
Tgt Ion:278 Resp: 8891

Ion Ratio Lower Upper

278 100

139 21.0 11.8 17.6#

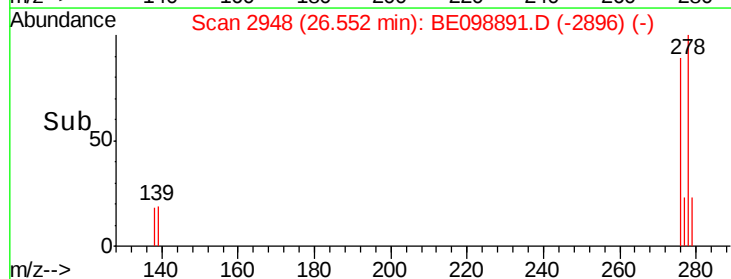
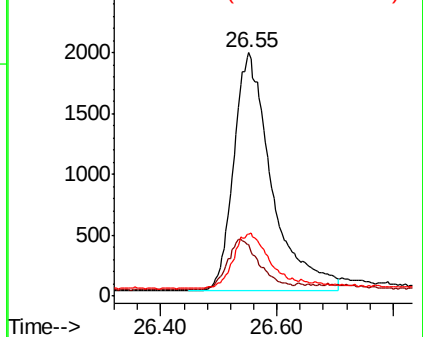
279 25.6 21.1 31.7

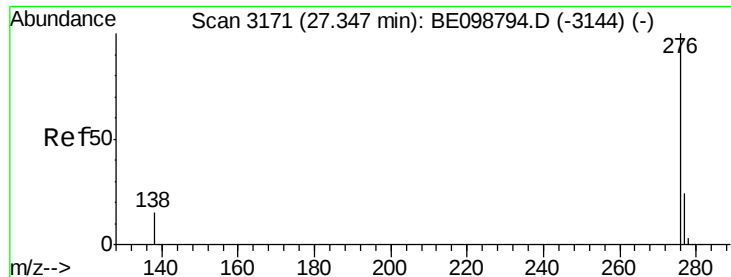


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.379 ng

RT: 27.34 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BE098891.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_E

ClientSampleId :

PB117818BS

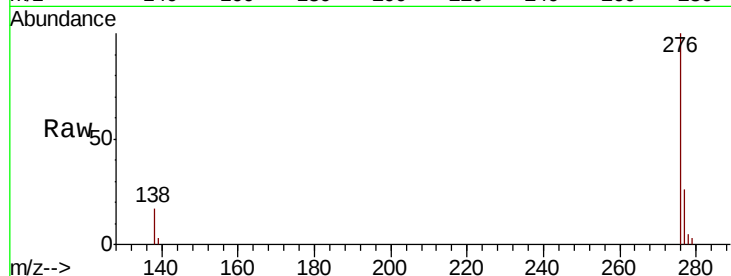
Tot Ion: 276 Resp: 9346

Ion Ratio Lower Upper

276 100

277 26.1 20.4 30.6

138 17.5 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

