

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
 Data File : BE098970.D
 Acq On : 15 Mar 2019 12:50
 Operator : JU/SJ
 Sample : K1882-09MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 14:29:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	768	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3365	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2179	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5296	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6279	0.40	ng	-0.01
34) Perylene-d12	23.89	264	5761	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	296	0.13	ng	0.02
5) Phenol-d6	7.01	99	265	0.08	ng	0.02
8) Nitrobenzene-d5	8.98	82	1370	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2752	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	402	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4491	0.50	ng	-0.01
25) Fluoranthene-d10	19.24	212	29161	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	6628	0.43	ng	0.00

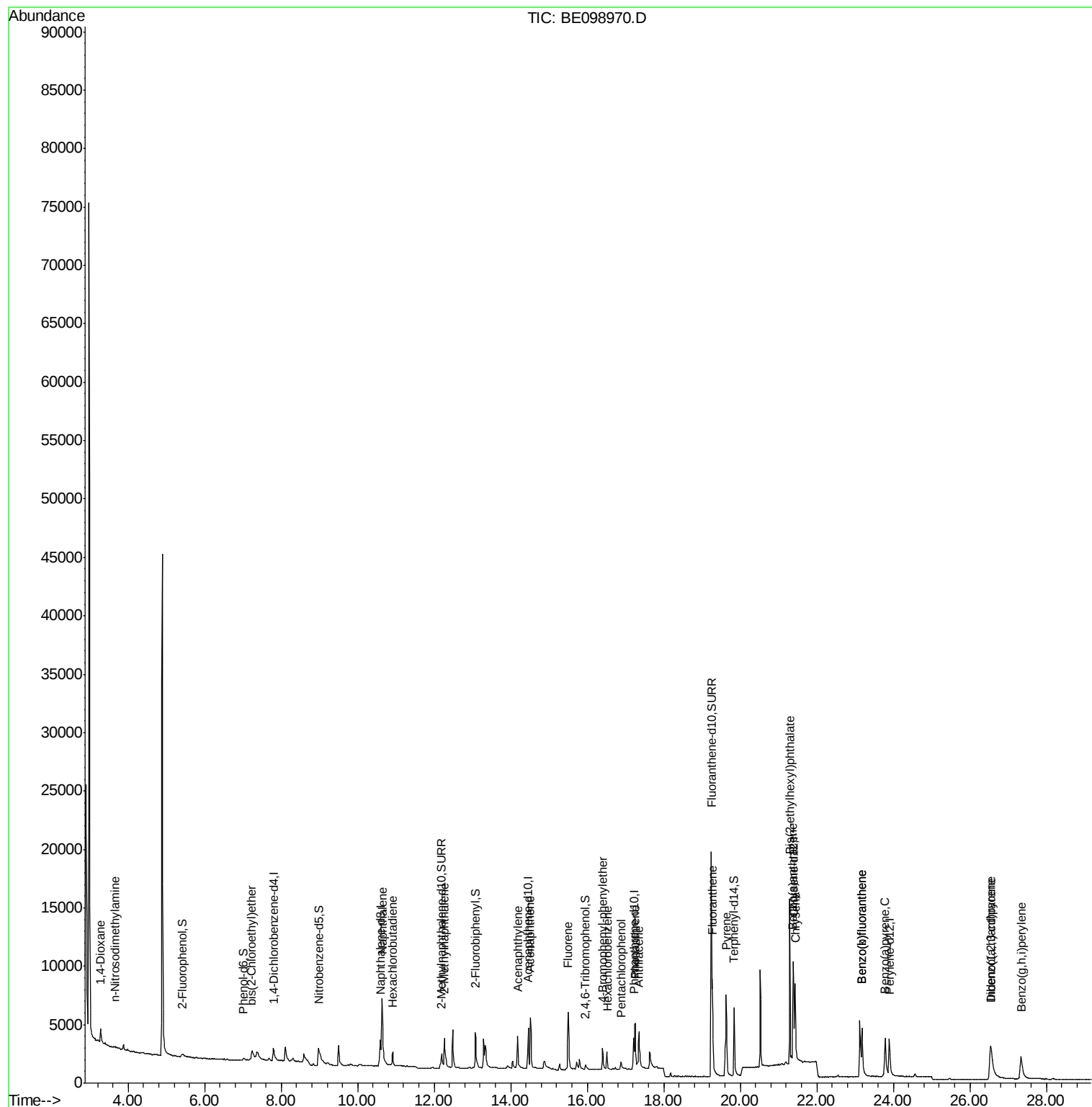
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	753	0.533	ng	# 90
3) n-Nitrosodimethylamine	3.65	42	76	0.039	ng	# 84
6) bis(2-Chloroethyl)ether	7.23	93	651	0.260	ng	# 69
9) Naphthalene	10.64	128	14603	0.379	ng	100
10) Hexachlorobutadiene	10.91	225	850	0.333	ng	98
12) 2-Methylnaphthalene	12.27	142	2379	0.381	ng	96
16) Acenaphthylene	14.18	152	4037	0.360	ng	96
17) Acenaphthene	14.51	154	2496	0.375	ng	97
18) Fluorene	15.50	166	3449	0.360	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1095	0.381	ng	99
21) Hexachlorobenzene	16.52	284	1233	0.361	ng	97
22) Pentachlorophenol	16.88	266	607	0.787	ng	90
23) Phenanthrene	17.26	178	5581	0.371	ng	100
24) Anthracene	17.35	178	4512	0.351	ng	99
26) Fluoranthene	19.27	202	7450	0.351	ng	99
28) Pyrene	19.63	202	7686	0.400	ng	100
30) Benzo(a)anthracene	21.38	228	6565	0.335	ng	99
31) Chrysene	21.44	228	8238	0.393	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	14393	0.345	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	6484	0.293	ng	# 88
35) Benzo(b)fluoranthene	23.18	252	7319	0.386	ng	99
36) Benzo(k)fluoranthene	23.18	252	7319	0.369	ng	99
37) Benzo(a)pyrene	23.78	252	7205	0.397	ng	# 94
38) Dibenzo(a,h)anthracene	26.56	278	5188	0.302	ng	# 96
39) Benzo(g,h,i)perylene	27.34	276	6463	0.360	ng	94

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

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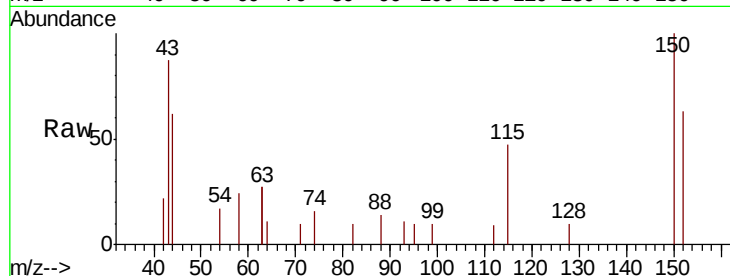


#1

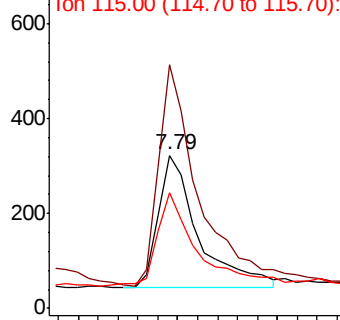
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

Instrument :
BNA_E
ClientSampleId :

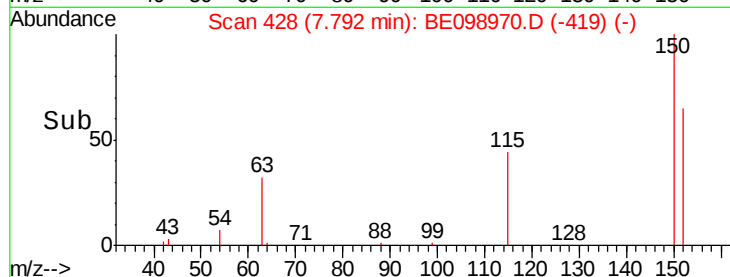
Tot Ion:152 Resp: 768
Ion Ratio Lower Upper
152 100
150 158.8 122.5 183.7
115 75.2 57.4 86.2



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



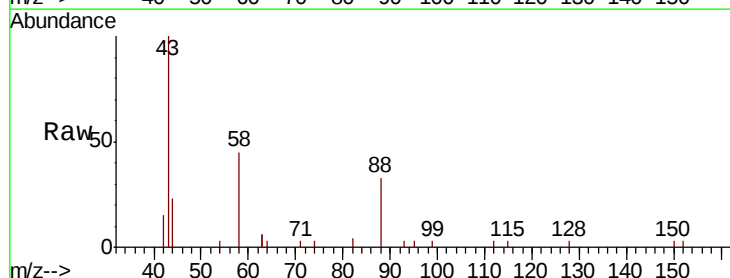
Time-->



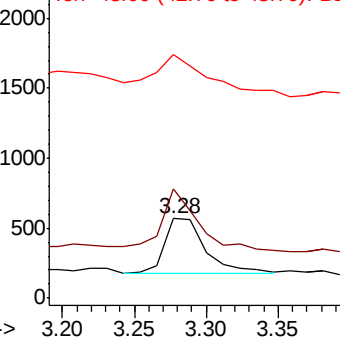
#2

1,4-Dioxane
Concen: 0.533 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

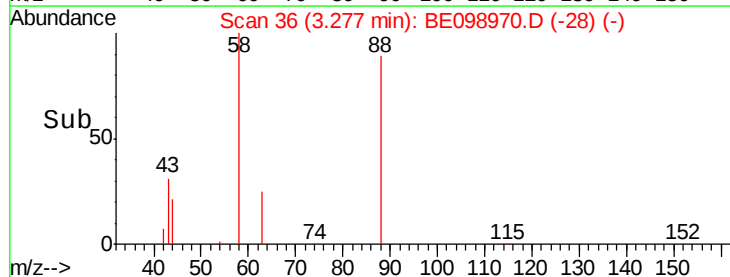
Tgt Ion: 88 Resp: 753
Ion Ratio Lower Upper
88 100
58 96.0 75.8 113.6
43 70.3 41.8 62.8#



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-->



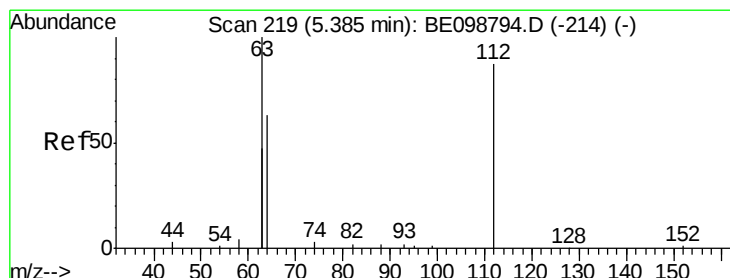
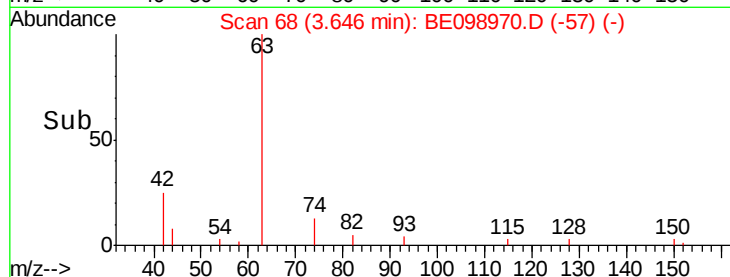
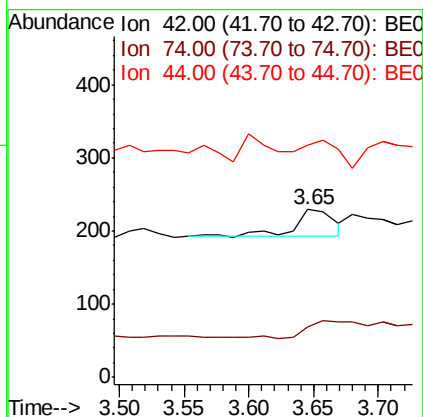
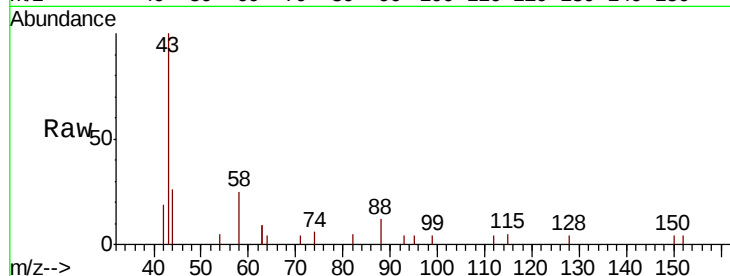


#3

n-Nitrosodimethylamine
 Concen: 0.039 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BE098970.D
 Acq: 15 Mar 2019 12:50

Instrument :
 BNA_E
 ClientSampled :

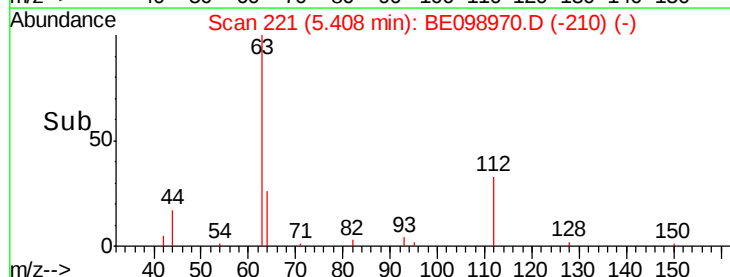
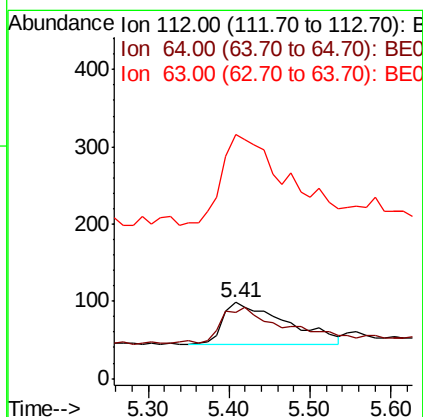
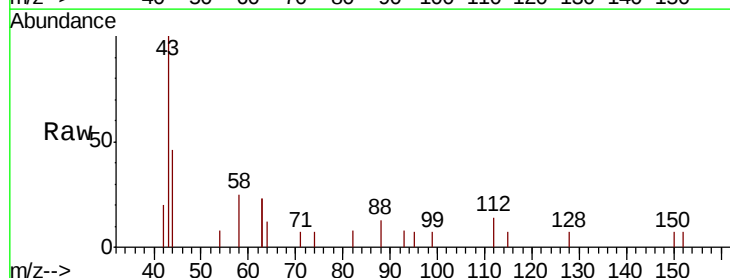
Tot Ion: 42 Resp: 76
 Ion Ratio Lower Upper
 42 100
 74 57.9 57.0 85.4
 44 86.8 0.0 0.0#



#4

2-Fluorophenol
 Concen: 0.129 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE098970.D
 Acq: 15 Mar 2019 12:50

Tgt Ion: 112 Resp: 296
 Ion Ratio Lower Upper
 112 100
 64 86.8 57.9 86.9
 63 227.7 158.3 237.5





#5

Phenol-d6

Concen: 0.082 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

Instrument :

BNA_E

ClientSampleId :

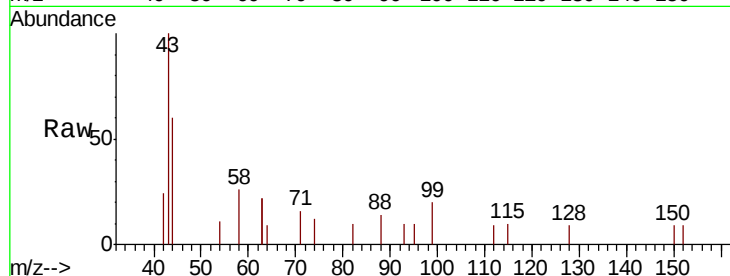
Tot Ion: 99 Resp: 265

Ion Ratio Lower Upper

99 100

42 17.4 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

7.01

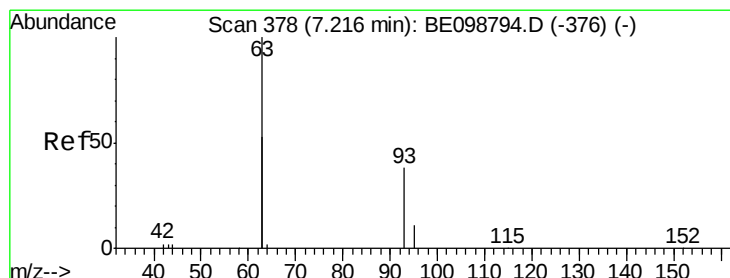
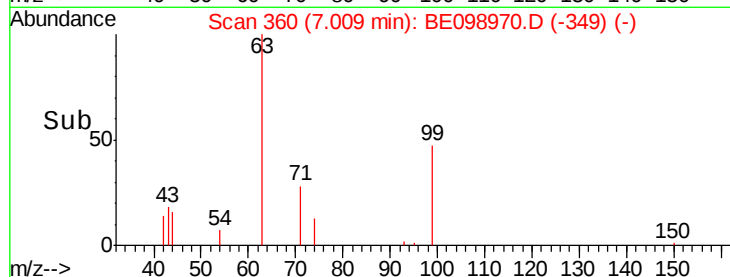
100

50

0

6.90 7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.260 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

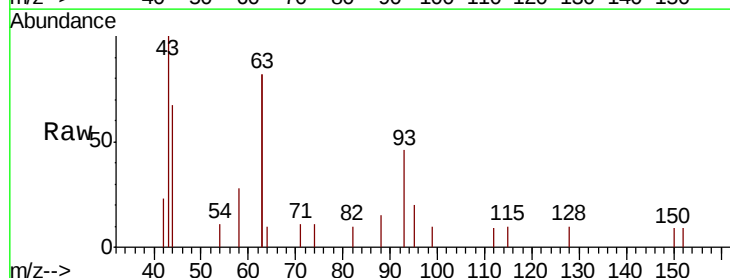
Tgt Ion: 93 Resp: 651

Ion Ratio Lower Upper

93 100

63 373.3 247.5 371.3#

95 35.6 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

1000

800

600

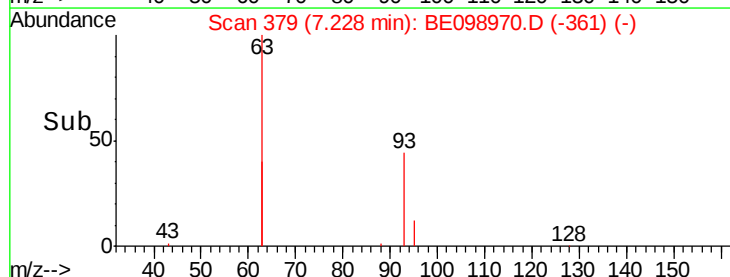
400

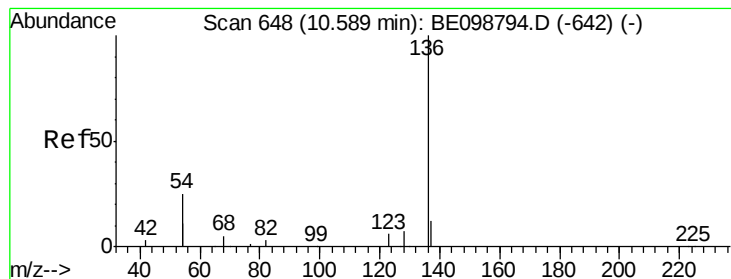
200

0

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: BE098970.D

Acq: 15 Mar 2019 12:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3365

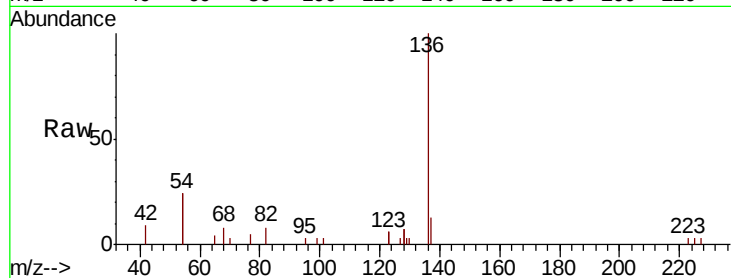
Ion Ratio Lower Upper

136 100

137 13.1 11.4 17.0

54 47.2 39.3 58.9

68 8.1 6.7 10.1

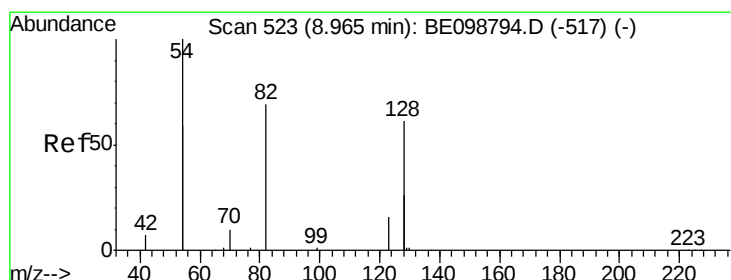
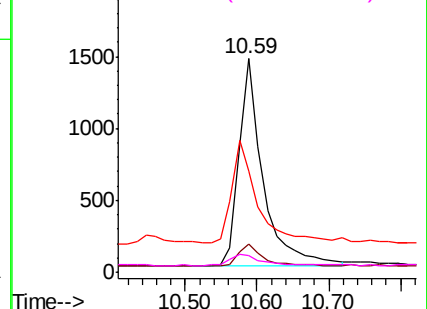
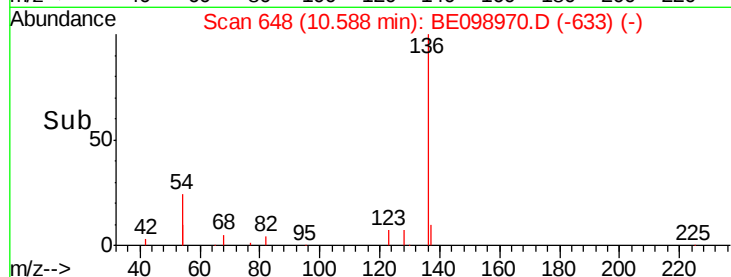


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

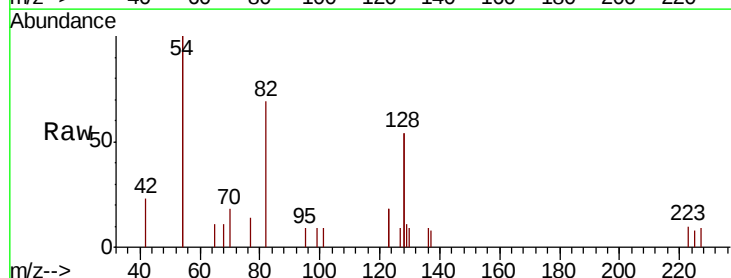
Tgt Ion: 82 Resp: 1370

Ion Ratio Lower Upper

82 100

128 156.6 123.8 185.8

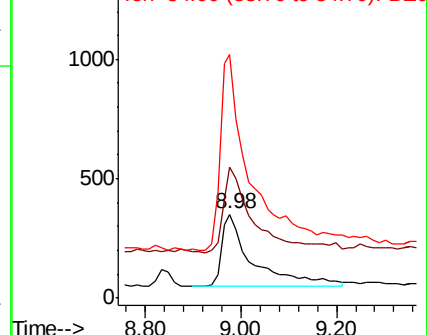
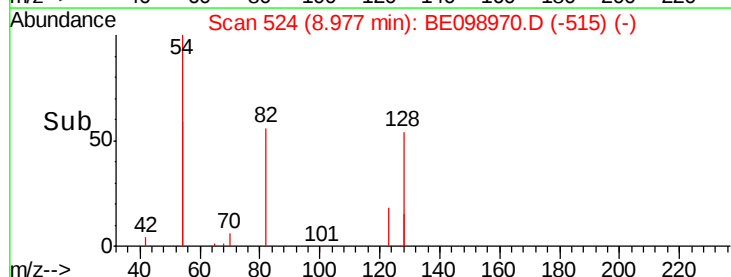
54 291.4 203.4 305.2



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: 0.379 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

Instrument :

BNA_E

ClientSampleId :

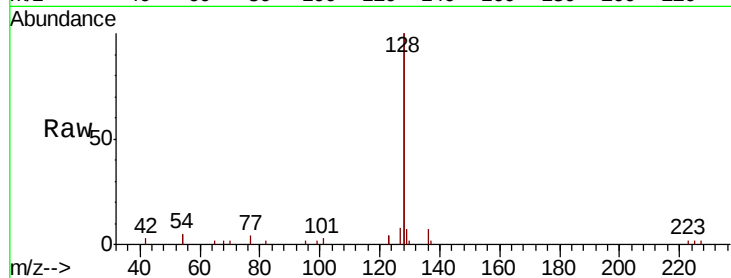
Tot Ion:128 Resp: 14603

Ion Ratio Lower Upper

128 100

129 3.7 2.6 4.0

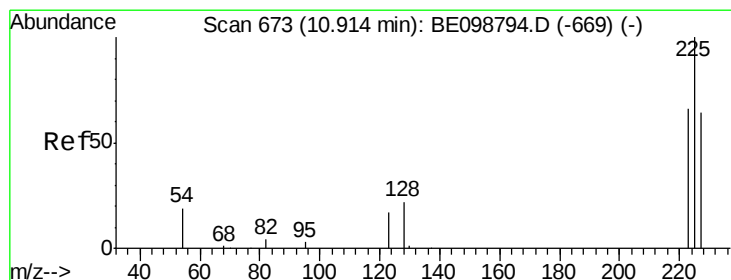
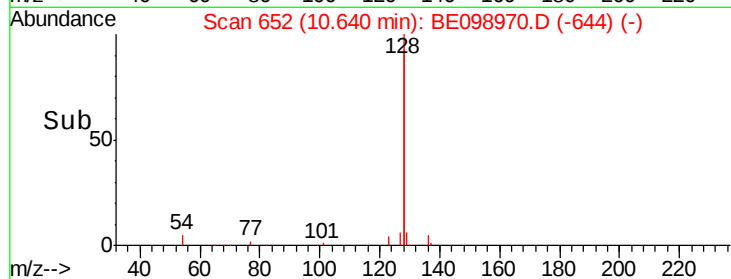
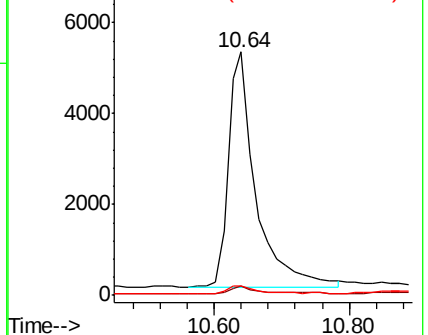
127 3.9 3.1 4.7



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: 0.333 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

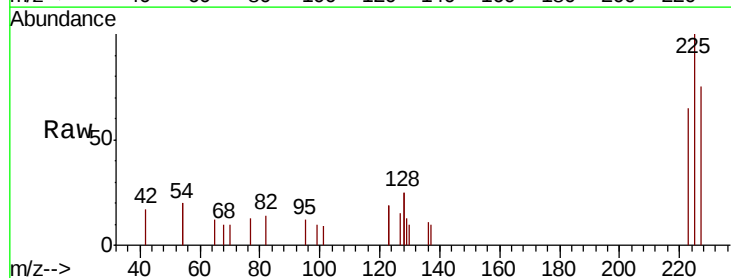
Tgt Ion:225 Resp: 850

Ion Ratio Lower Upper

225 100

223 65.1 51.1 76.7

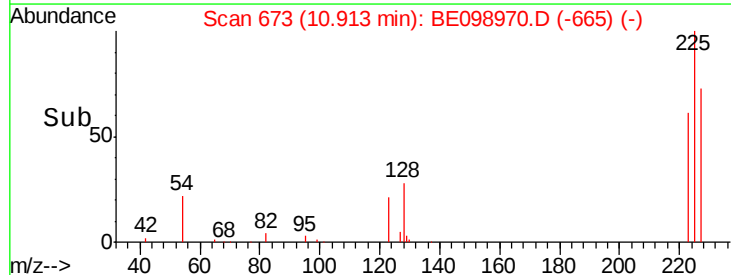
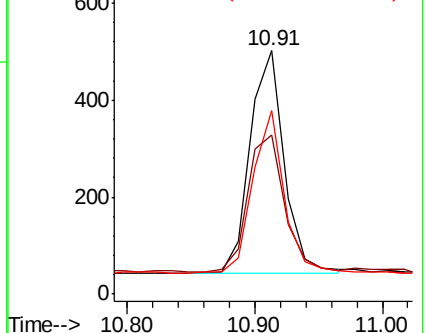
227 66.7 51.6 77.4



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: 0.442 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

Instrument :

BNA_E

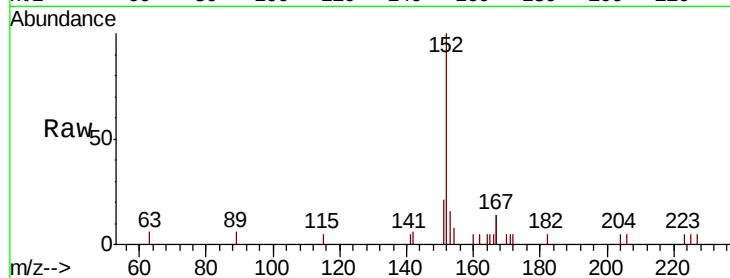
ClientSampled :

Tot Ion:152 Resp: 2752

Ion Ratio Lower Upper

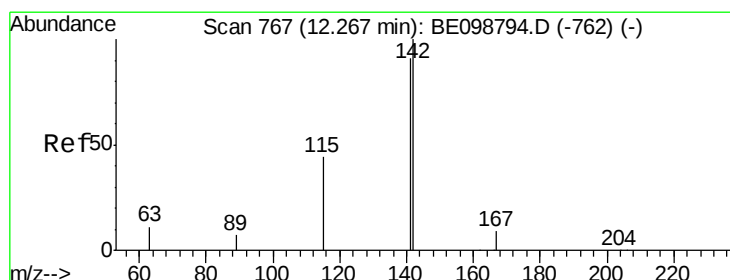
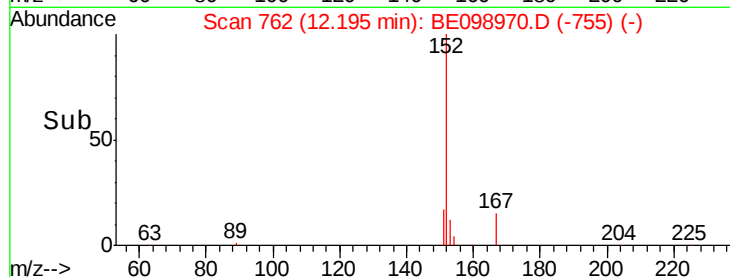
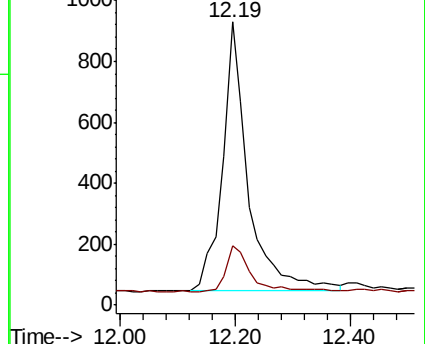
152 100

151 15.9 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: BE098970.D

Acq: 15 Mar 2019 12:50

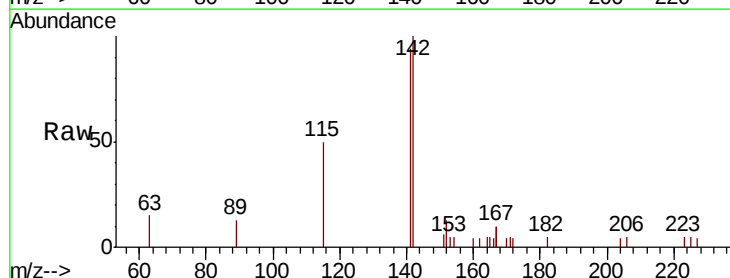
Tgt Ion:142 Resp: 2379

Ion Ratio Lower Upper

142 100

141 94.3 72.6 108.8

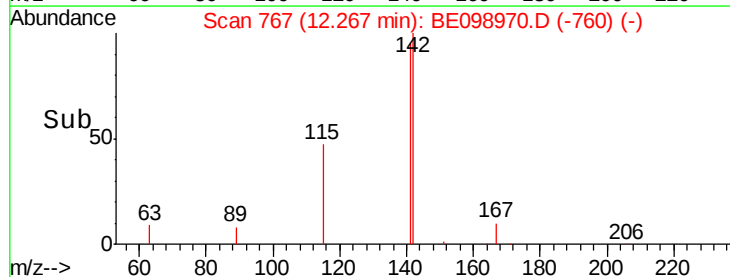
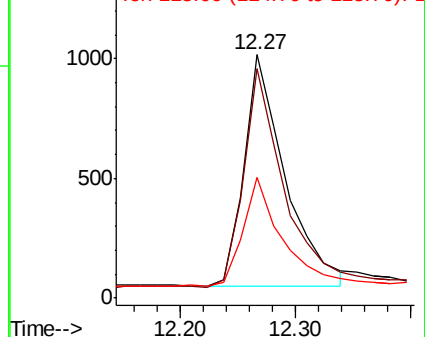
115 49.5 37.4 56.2

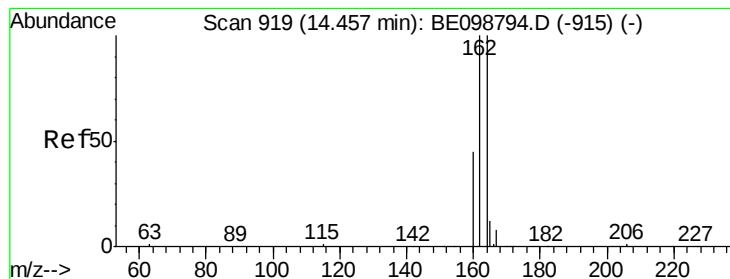


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE098970.D

Acq: 15 Mar 2019 12:50

Instrument :

BNA_E

ClientSampleId :

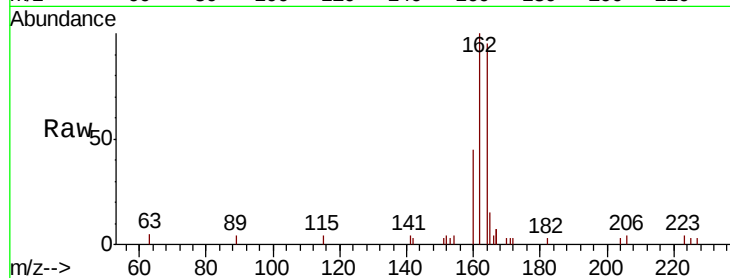
Tot Ion:164 Resp: 2179

Ion Ratio Lower Upper

164 100

162 105.2 80.2 120.2

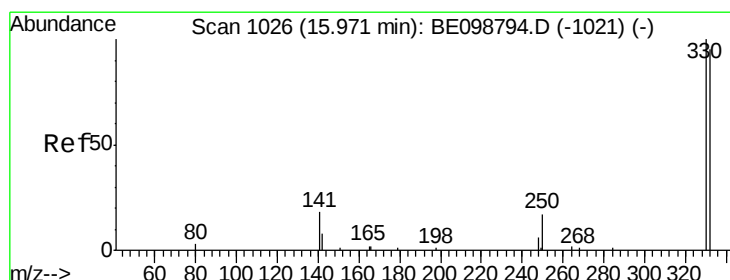
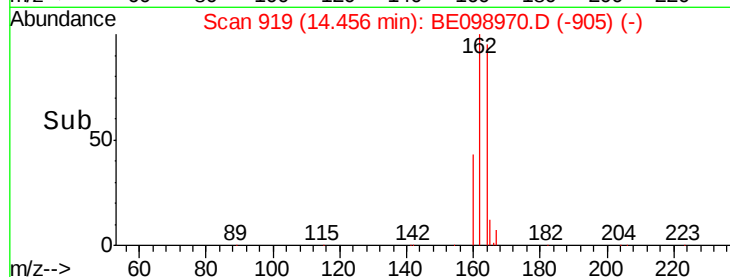
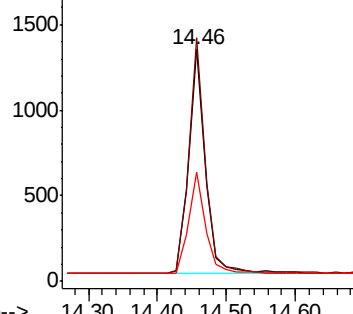
160 47.3 37.8 56.8



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: 0.366 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

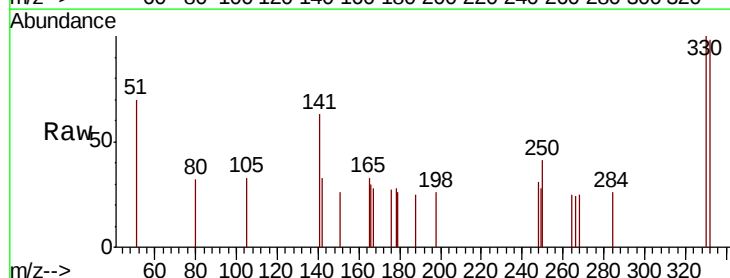
Tgt Ion:330 Resp: 402

Ion Ratio Lower Upper

330 100

332 98.0 77.6 116.4

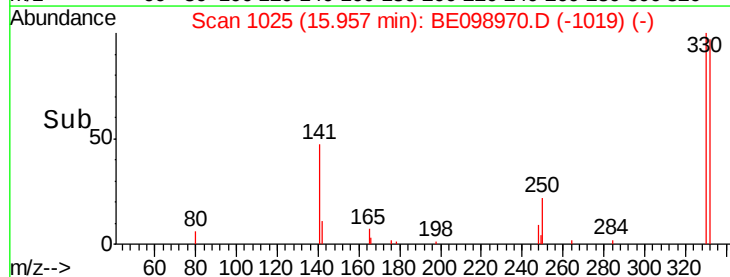
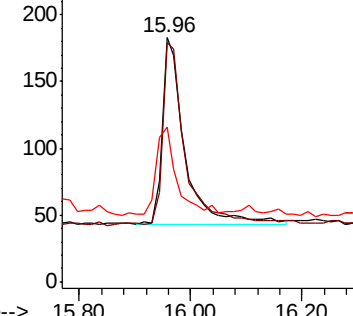
141 42.0 31.0 46.4



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

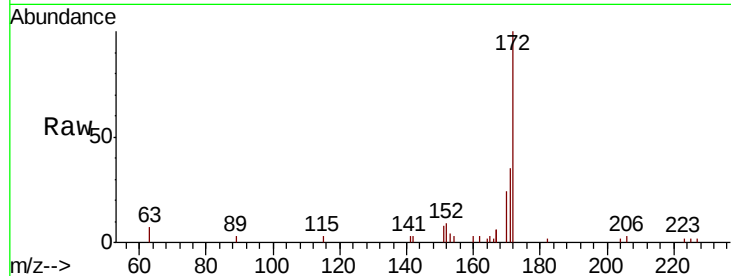




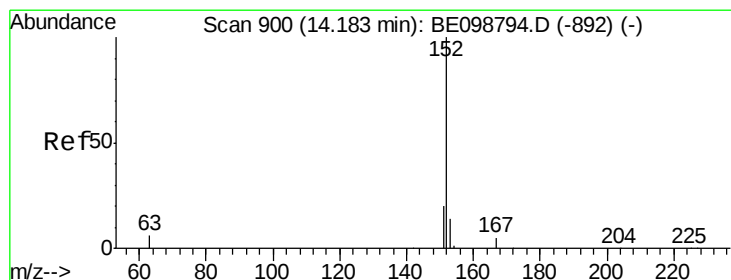
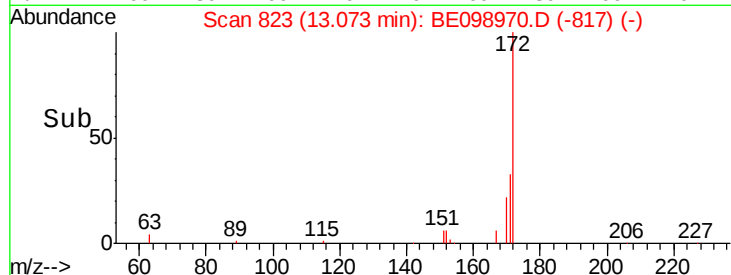
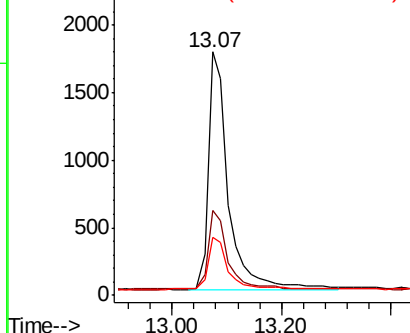
#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4491
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.7 17.7 26.5

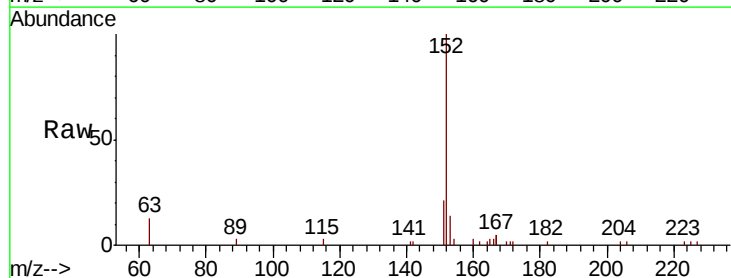


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

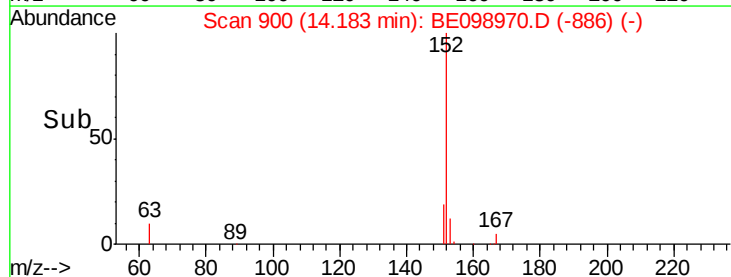
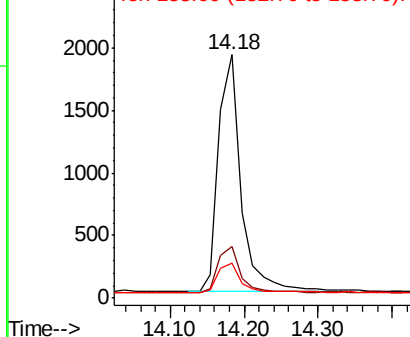


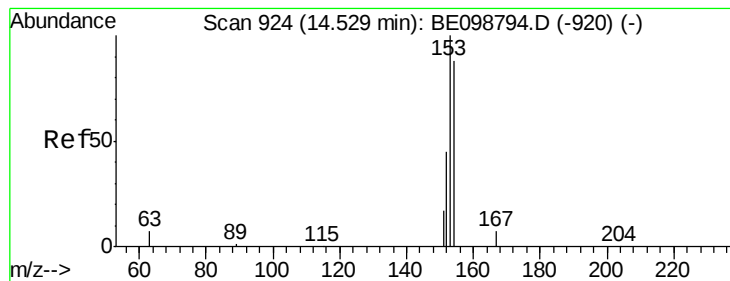
#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

Tgt Ion:152 Resp: 4037
Ion Ratio Lower Upper
152 100
151 19.6 17.0 25.6
153 12.5 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.375 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

Instrument :

BNA_E

ClientSampleId :

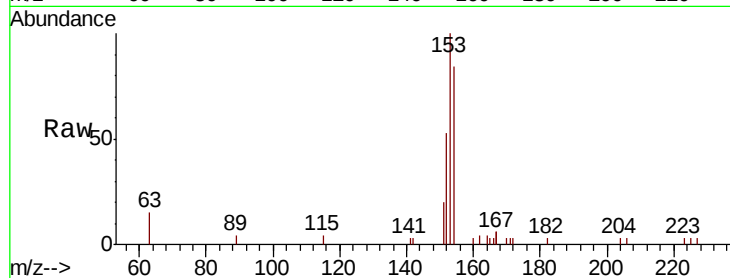
Tot Ion:154 Resp: 2496

Ion Ratio Lower Upper

154 100

153 114.0 94.2 141.4

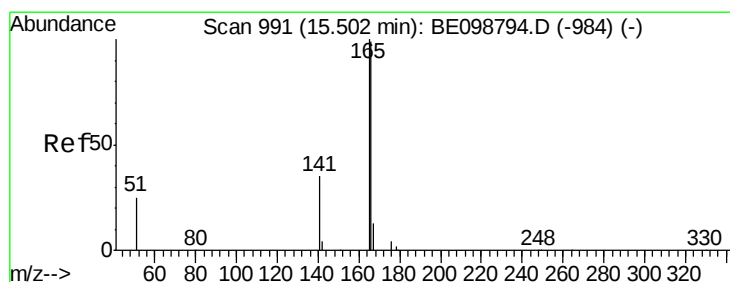
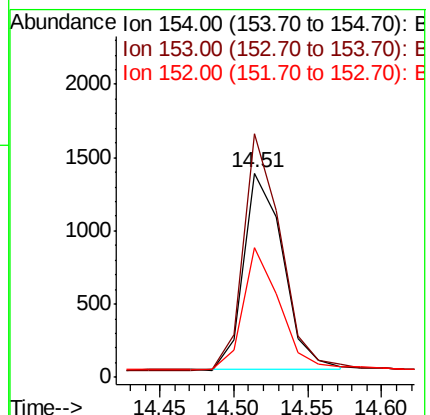
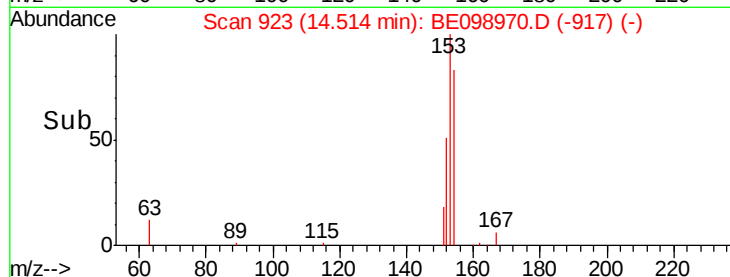
152 56.7 45.0 67.4



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: 0.360 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

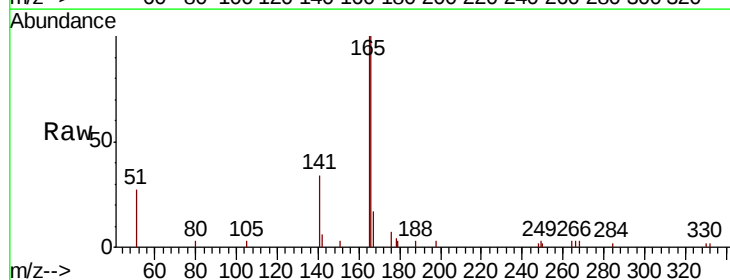
Tgt Ion:166 Resp: 3449

Ion Ratio Lower Upper

166 100

165 100.6 79.3 118.9

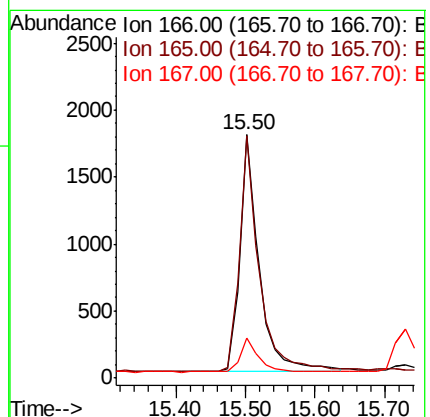
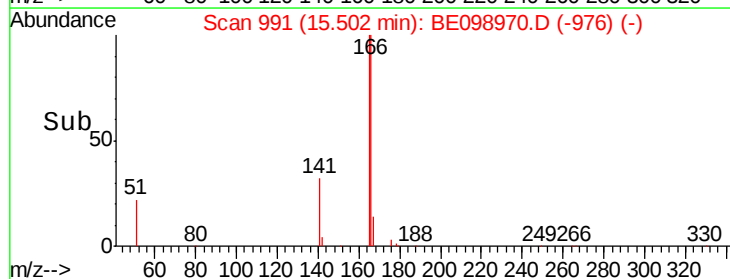
167 14.3 10.5 15.7

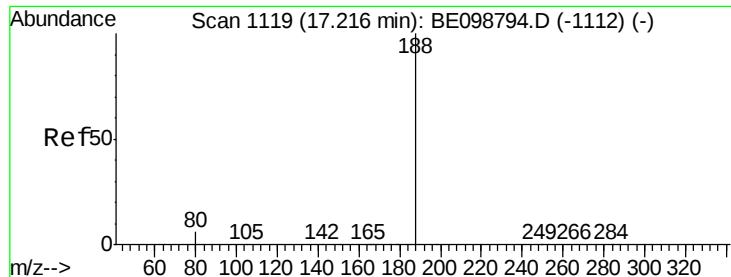


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

Instrument :

BNA_E

ClientSampleId :

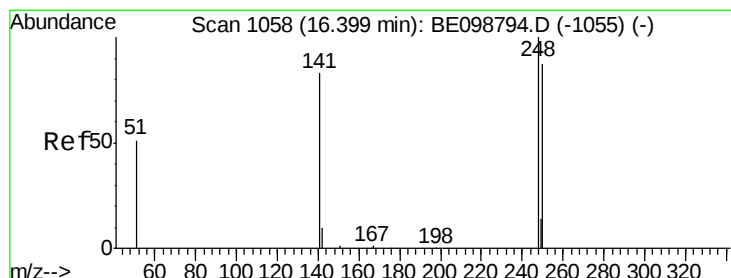
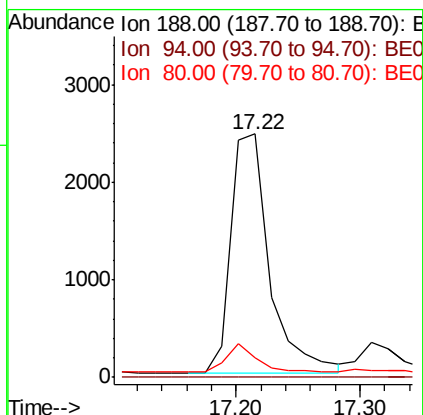
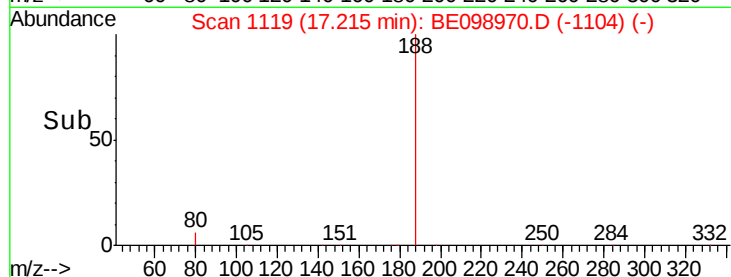
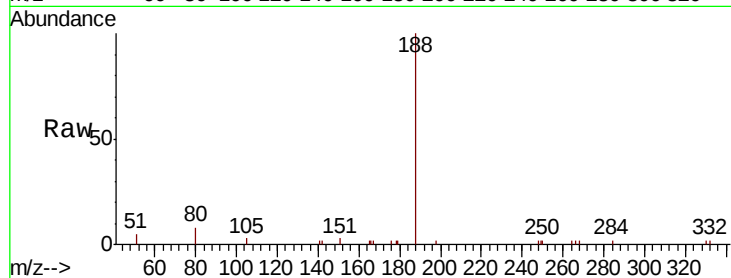
Tot Ion:188 Resp: 5296

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.2 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.381 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

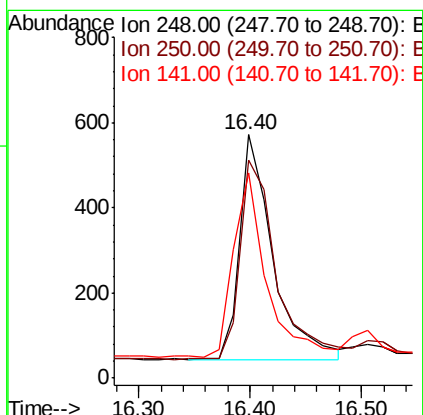
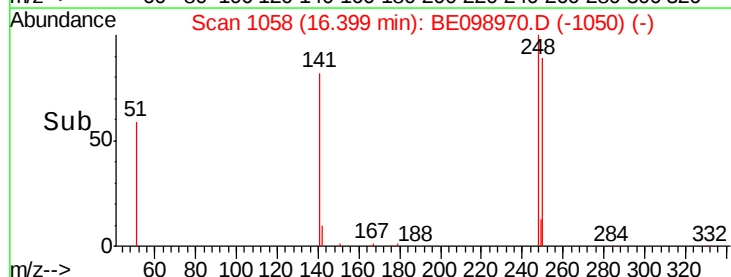
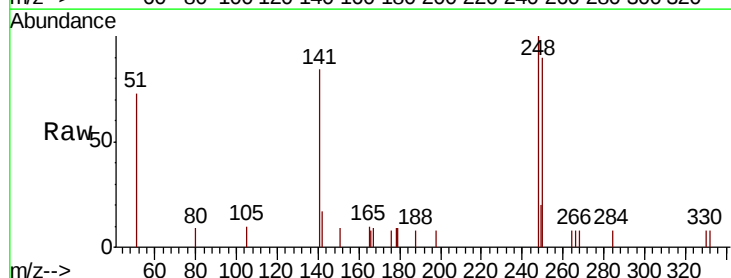
Tgt Ion:248 Resp: 1095

Ion Ratio Lower Upper

248 100

250 89.5 70.6 105.8

141 84.4 68.6 102.8

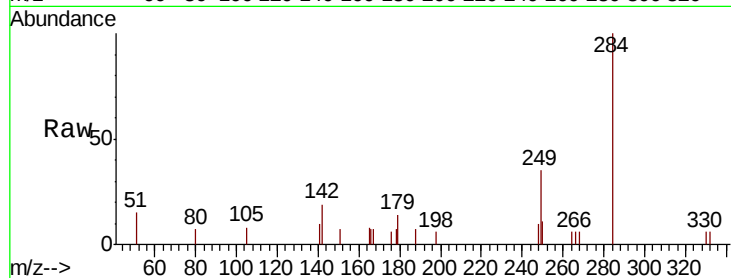




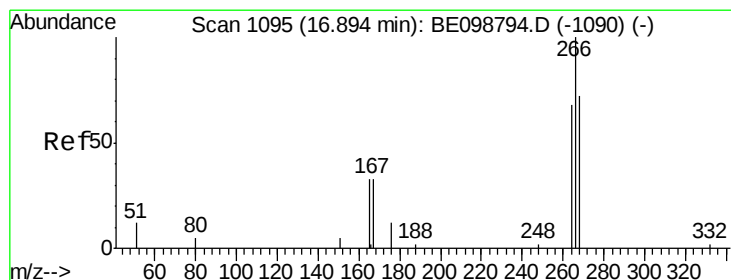
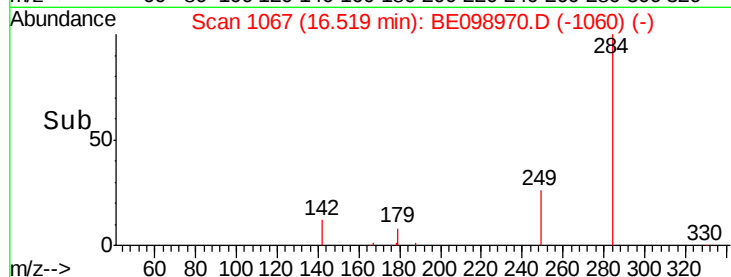
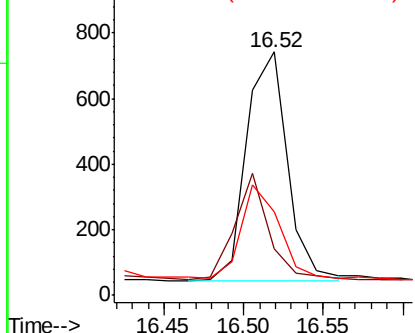
#21
Hexachlorobenzene
Concen: 0.361 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.4	28.7	43.1
249	37.6	29.6	44.4

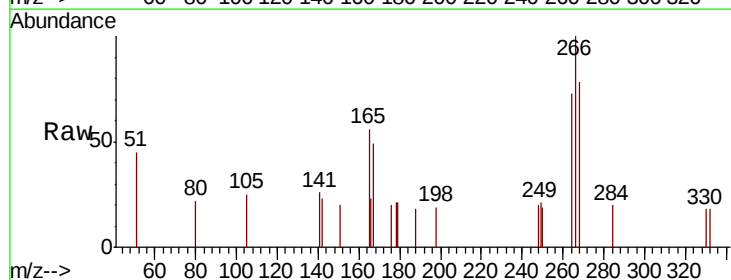


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

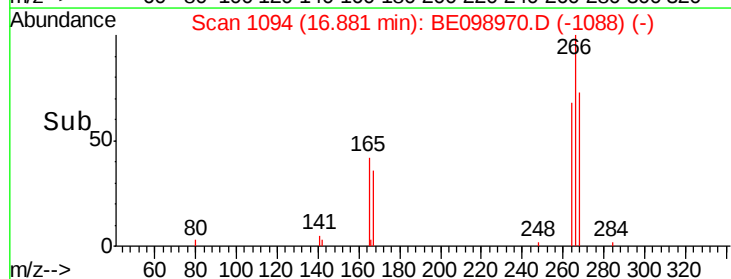
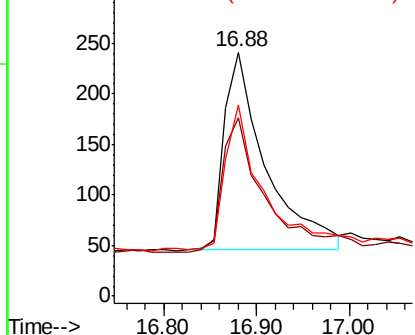


#22
Pentachlorophenol
Concen: 0.787 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	73.0	66.6	100.0
268	78.4	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: 0.371 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

Instrument :

BNA_E

ClientSampleId :

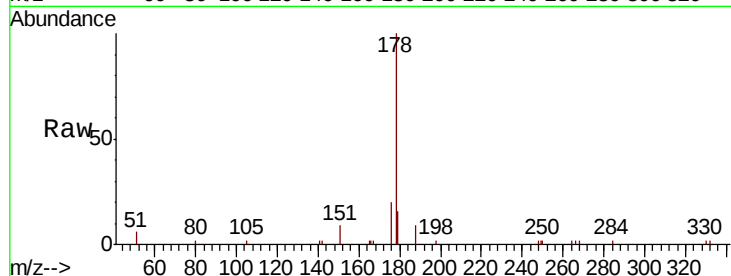
Tot Ion:178 Resp: 5581

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

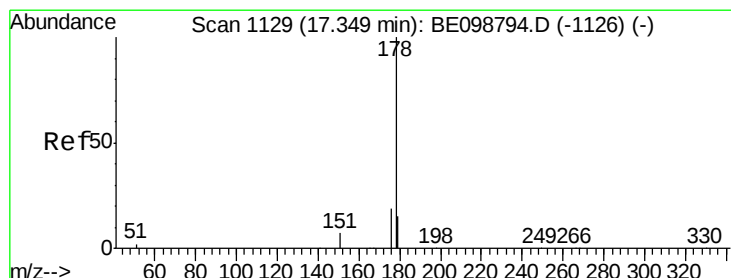
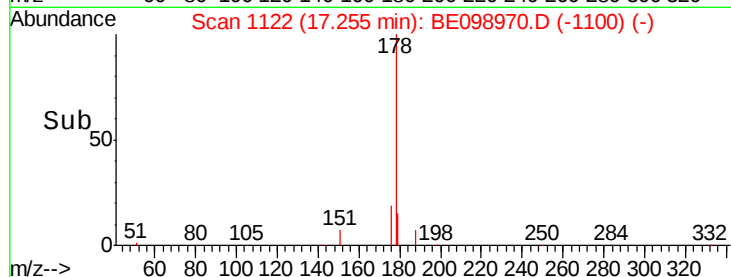
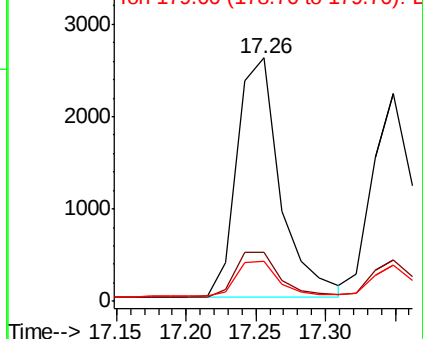
179 15.1 12.1 18.1



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: 0.351 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

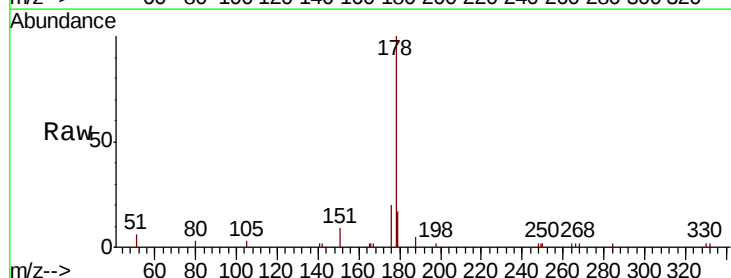
Tgt Ion:178 Resp: 4512

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

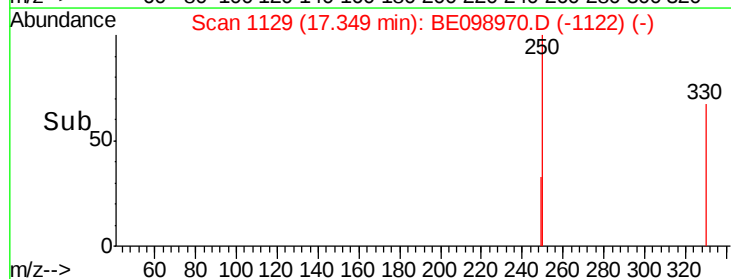
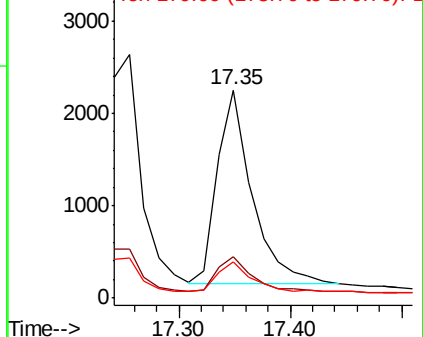
179 16.0 12.2 18.4



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: 0.345 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

Instrument :

BNA_E

ClientSampleId :

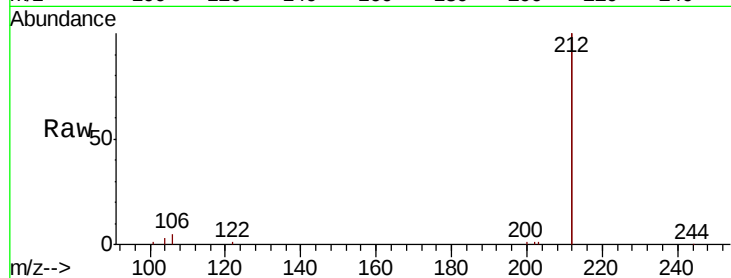
Tot Ion:212 Resp: 29161

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

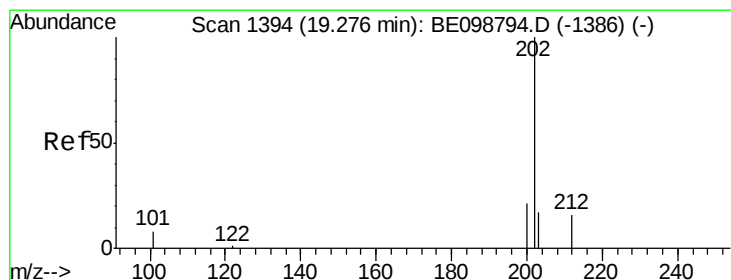
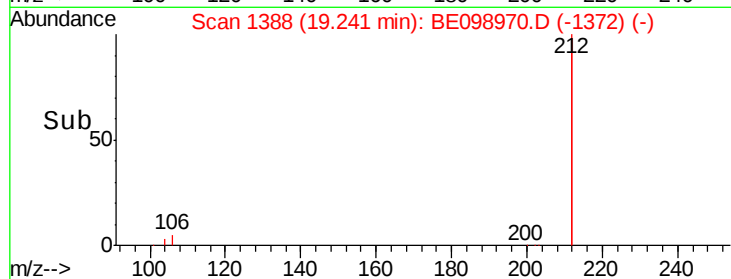
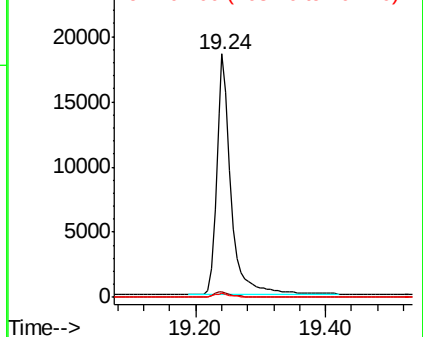
104 1.3 1.0 1.6



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.351 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

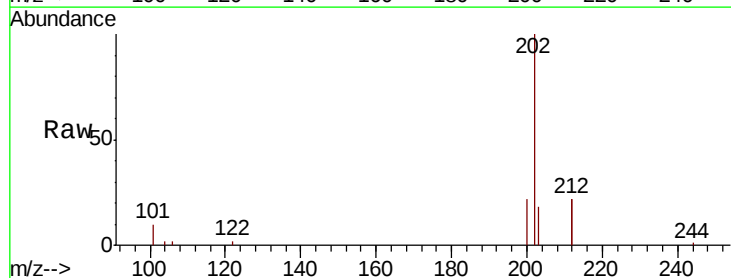
Tgt Ion:202 Resp: 7450

Ion Ratio Lower Upper

202 100

101 8.5 7.3 10.9

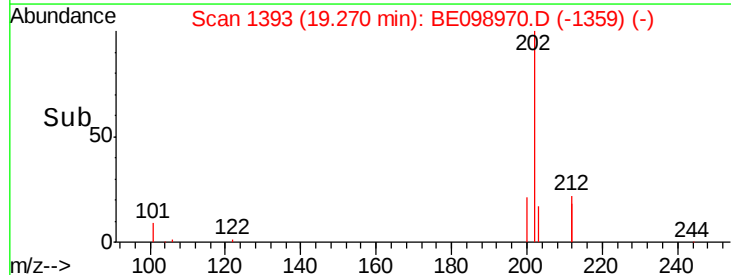
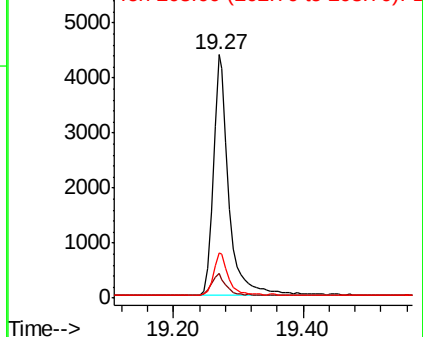
203 16.7 13.4 20.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

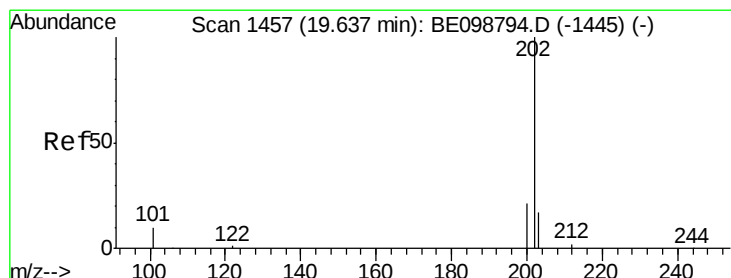
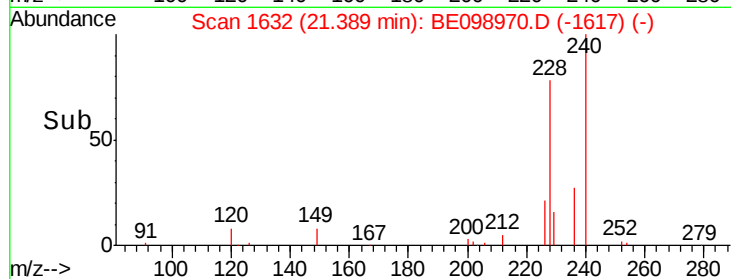
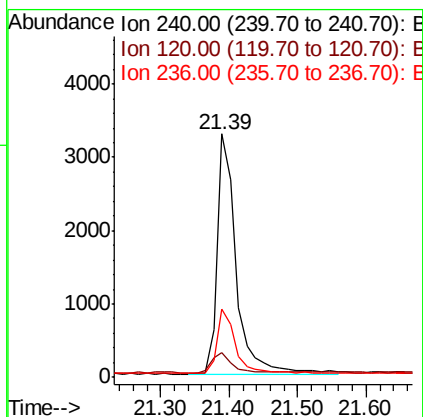
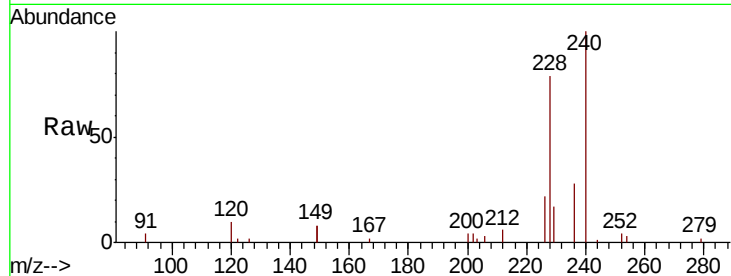




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

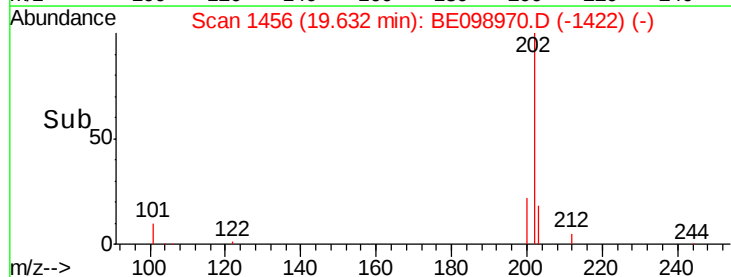
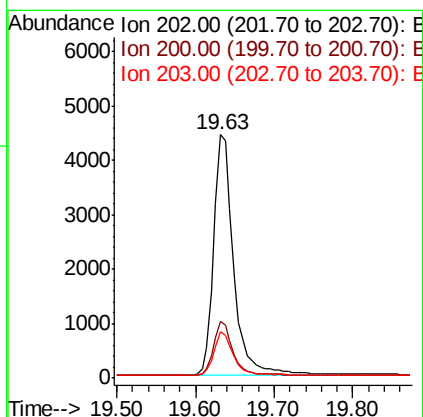
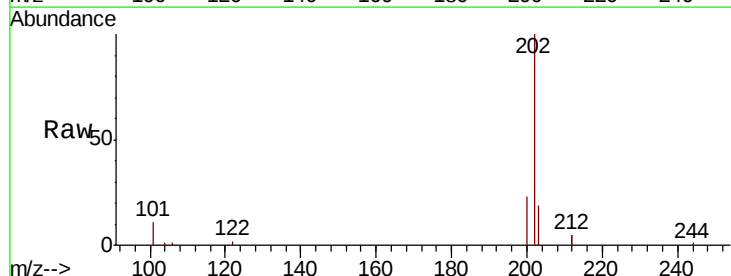
Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 6279
Ion Ratio Lower Upper
240 100
120 10.3 5.0 7.4#
236 27.9 22.7 34.1



#28
Pyrene
Concen: 0.400 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

Tgt Ion:202 Resp: 7686
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.6 14.2 21.2





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

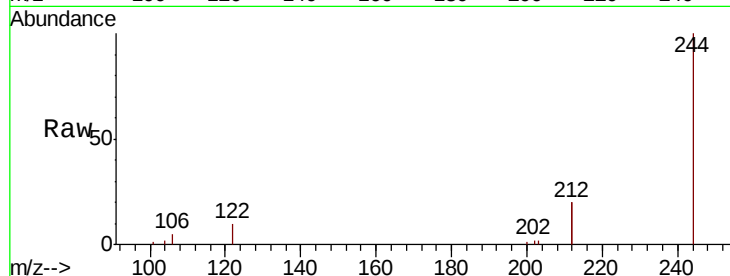
Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

Instrument :

BNA_E

ClientSampled :



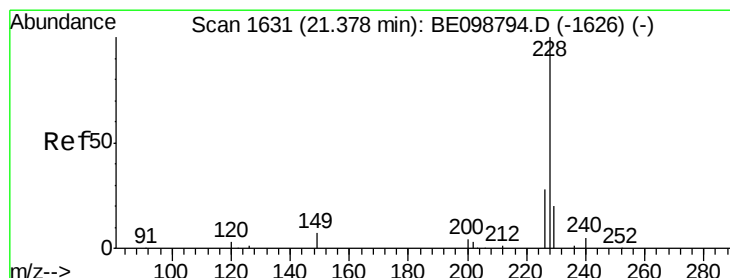
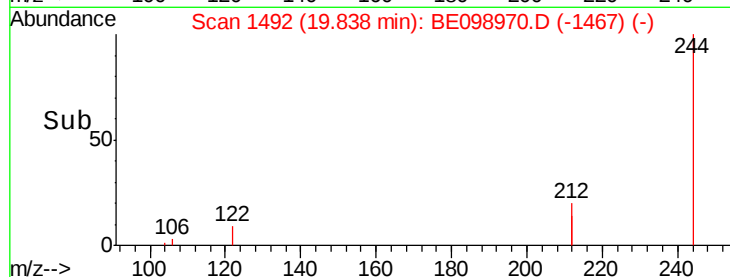
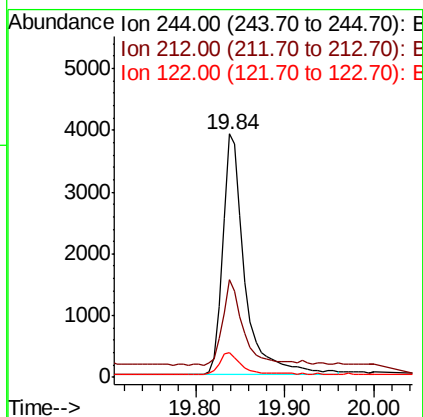
Tot Ion:244 Resp: 6628

Ion Ratio Lower Upper

244 100

212 39.9 29.4 44.2

122 10.3 7.1 10.7



#30

Benzo(a)anthracene

Concen: 0.335 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

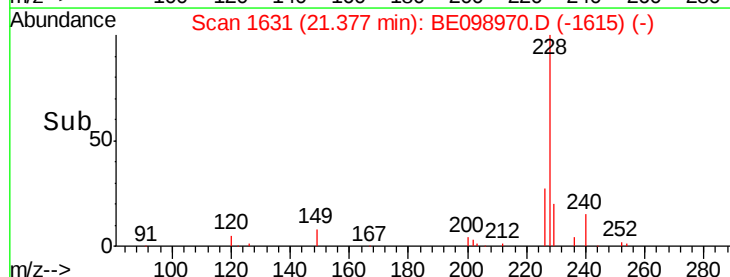
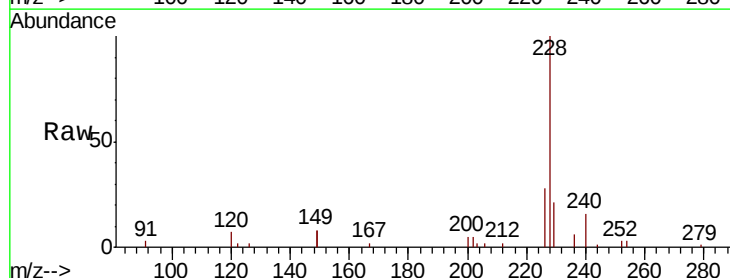
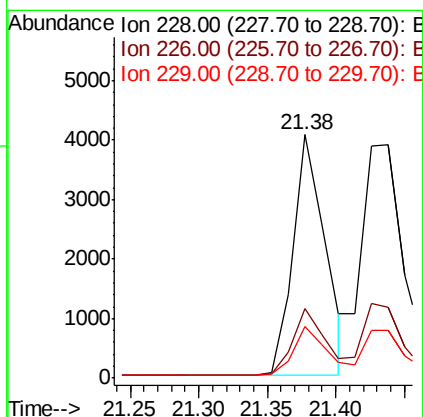
Tgt Ion:228 Resp: 6565

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.4

229 21.1 16.5 24.7





#31

Chrysene

Concen: 0.393 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

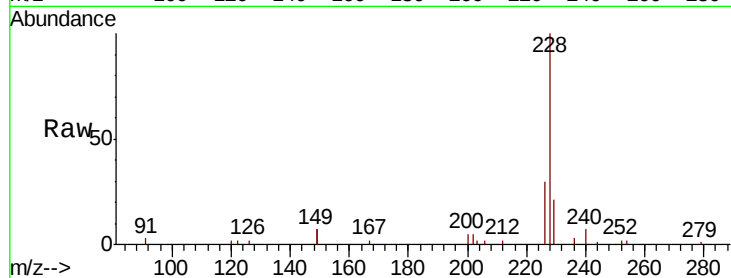
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 8238

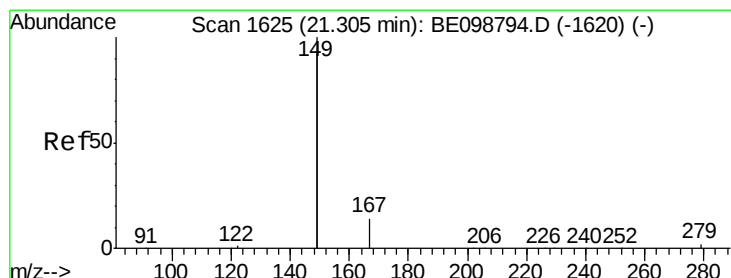
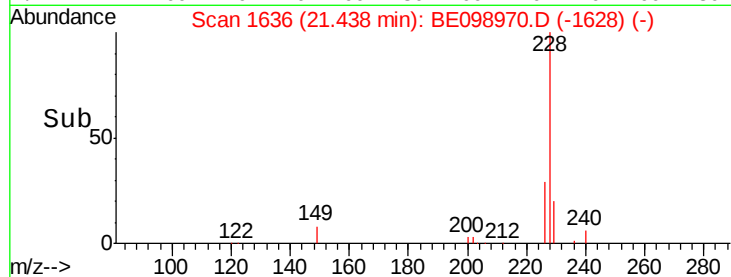
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	20.7	16.1	24.1



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: 0.345 ng

RT: 21.29 min Scan# 1624

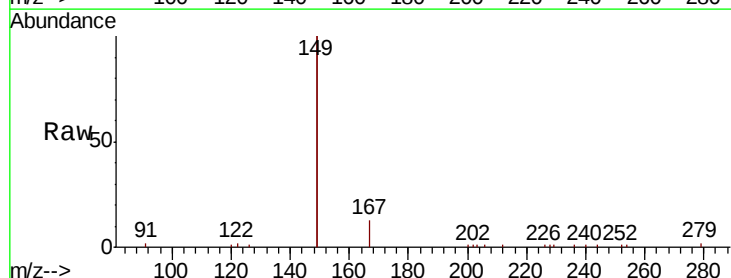
Delta R.T. -0.01 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

Tgt Ion:149 Resp: 14393

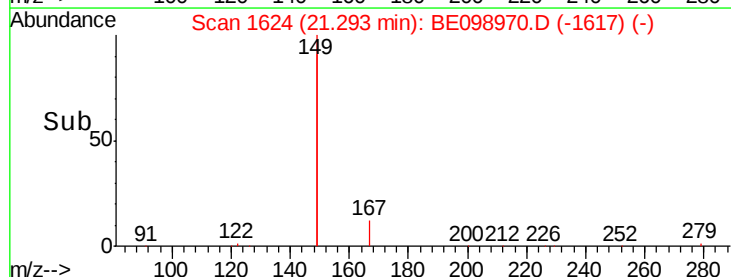
Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	1.0	1.4



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

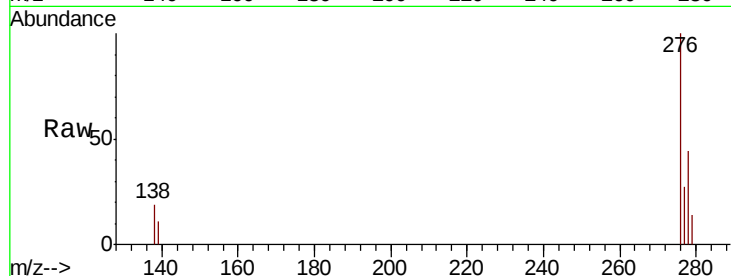




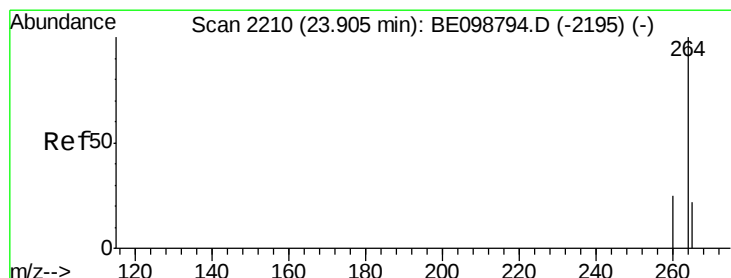
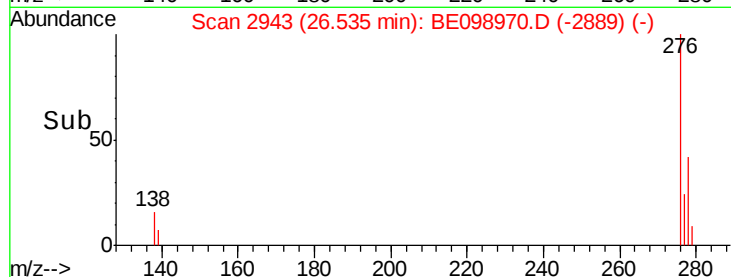
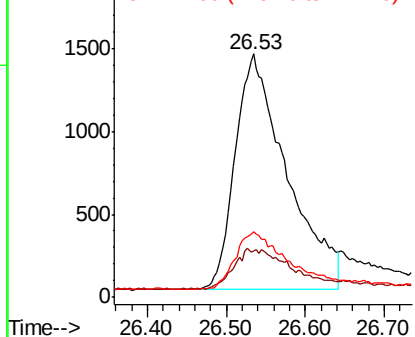
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 6484
Ion Ratio Lower Upper
276 100
138 6.5 13.8 20.8#
277 25.9 19.5 29.3

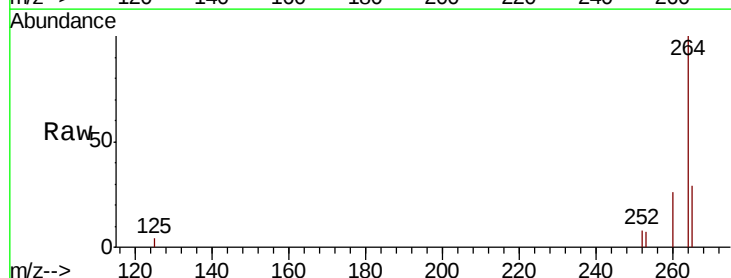


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

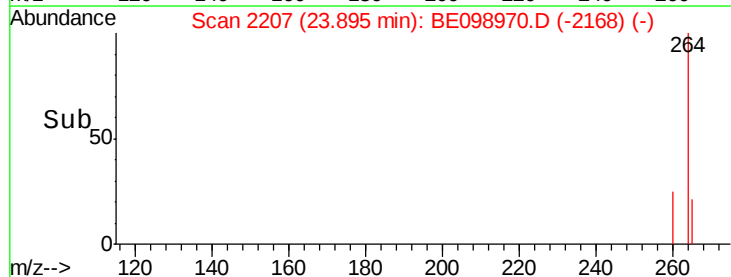
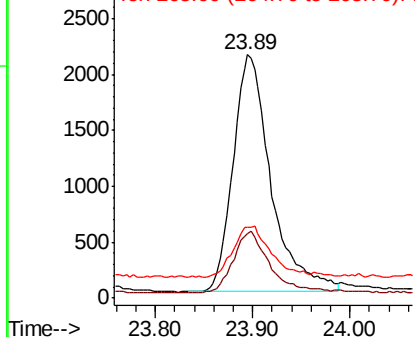


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

Tgt Ion:264 Resp: 5761
Ion Ratio Lower Upper
264 100
260 26.2 21.2 31.8
265 29.3 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

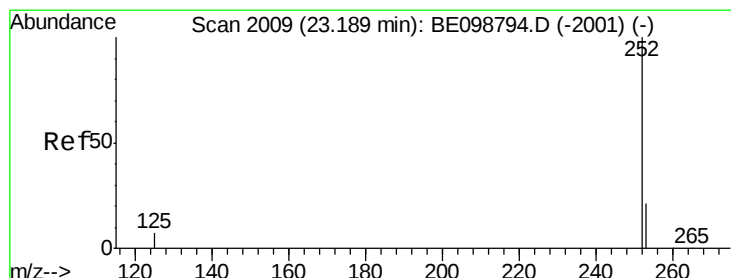
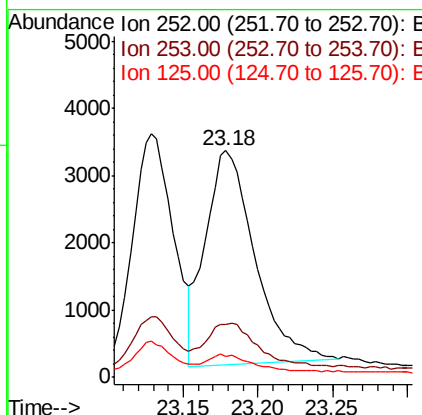
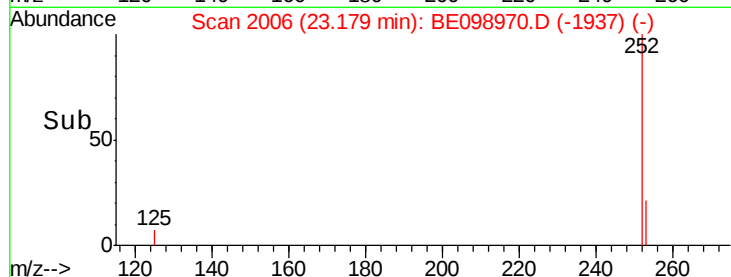
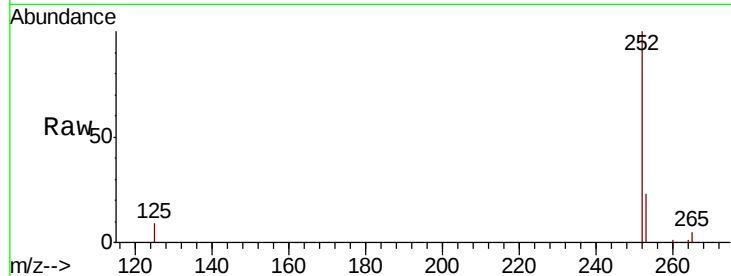




#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

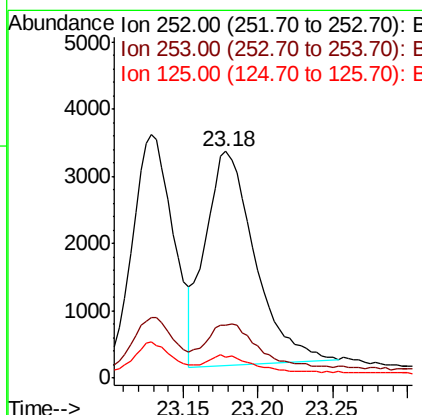
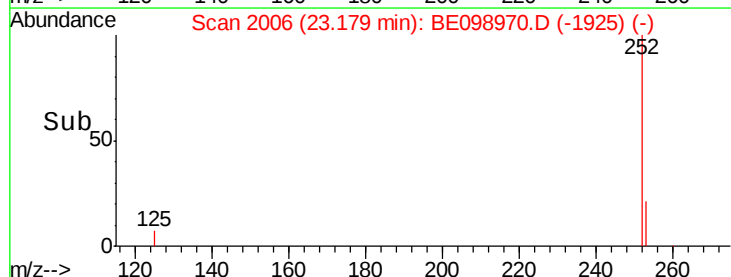
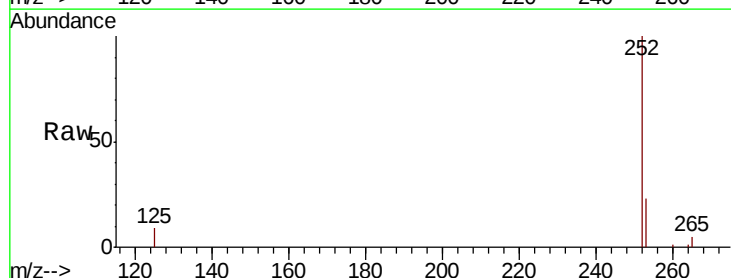
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 7319
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 9.4 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

Tgt Ion:252 Resp: 7319
Ion Ratio Lower Upper
252 100
253 23.4 19.3 28.9
125 9.4 7.5 11.3

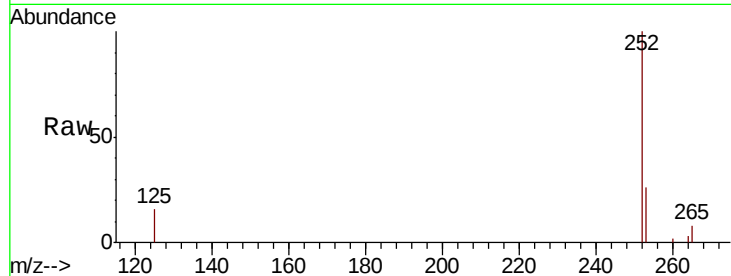




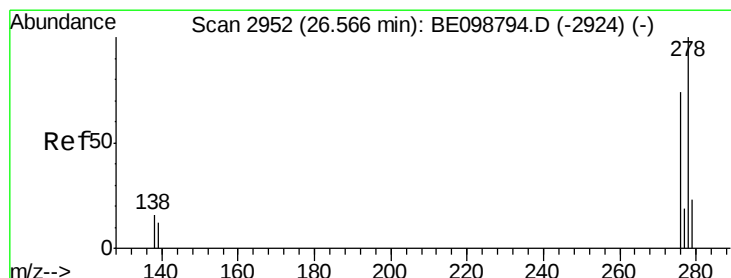
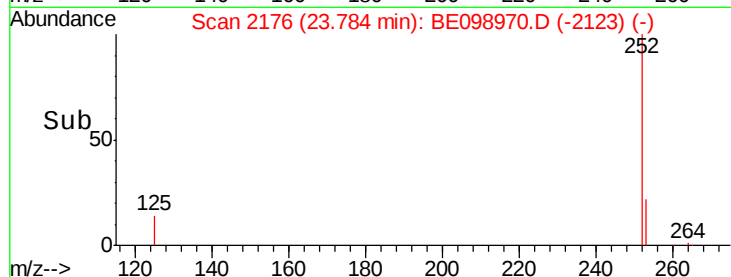
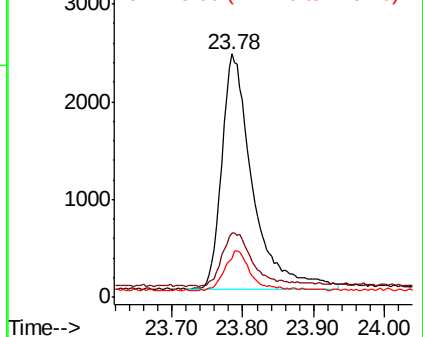
#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 7205
Ion Ratio Lower Upper
252 100
253 26.3 19.9 29.9
125 16.1 9.0 13.4#

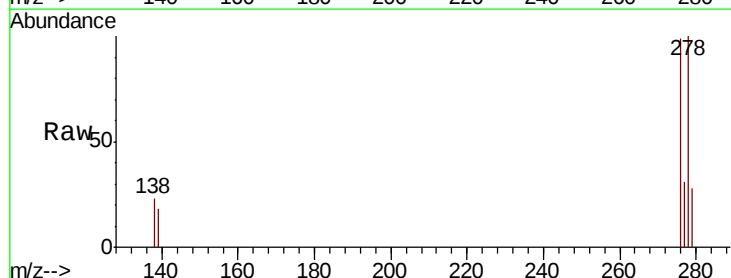


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

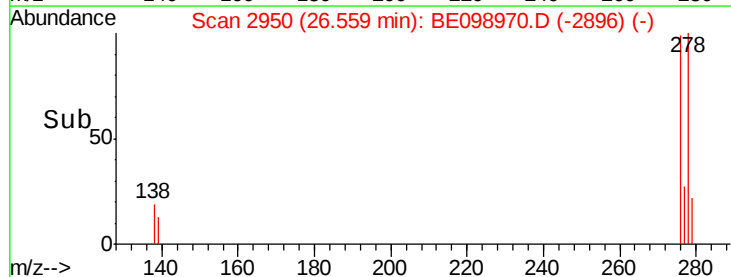
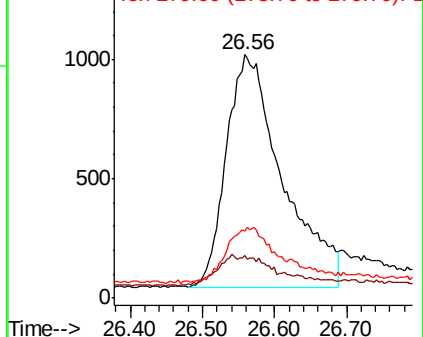


#38
Dibenzo(a,h)anthracene
Concen: 0.302 ng
RT: 26.56 min Scan# 2950
Delta R.T. -0.01 min
Lab File: BE098970.D
Acq: 15 Mar 2019 12:50

Tgt Ion:278 Resp: 5188
Ion Ratio Lower Upper
278 100
139 17.7 11.8 17.6#
279 27.5 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: 0.360 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE098970.D

Acq: 15 Mar 2019 12:50

Instrument :

BNA_E

ClientSampleId :

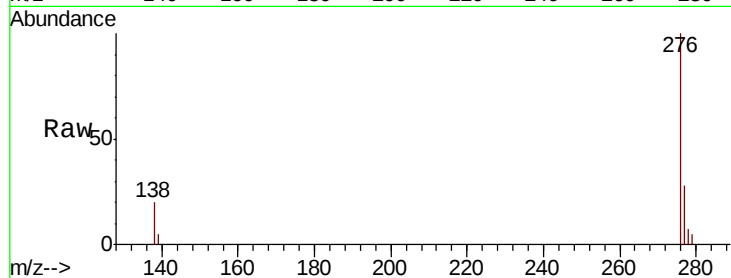
Tot Ion: 276 Resp: 6463

Ion Ratio Lower Upper

276 100

277 28.4 20.4 30.6

138 20.0 13.6 20.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

