

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
 Data File : BE098792.D
 Acq On : 6 Mar 2019 10:53
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 06 13:26:48 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 13:20:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	701	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	2921	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1968	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	5336	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7189	0.40	ng	0.00
34) Perylene-d12	23.91	264	7132	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	218	0.12	ng	0.00
5) Phenol-d6	7.00	99	314	0.12	ng	0.02
8) Nitrobenzene-d5	8.99	82	293	0.13	ng	0.02
11) 2-Methylnaphthalene-d10	12.21	152	543	0.11	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	88	0.10	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	827	0.10	ng	0.00
25) Fluoranthene-d10	19.25	212	8519	0.13	ng	0.00
29) Terphenyl-d14	19.85	244	1745	0.11	ng	0.00

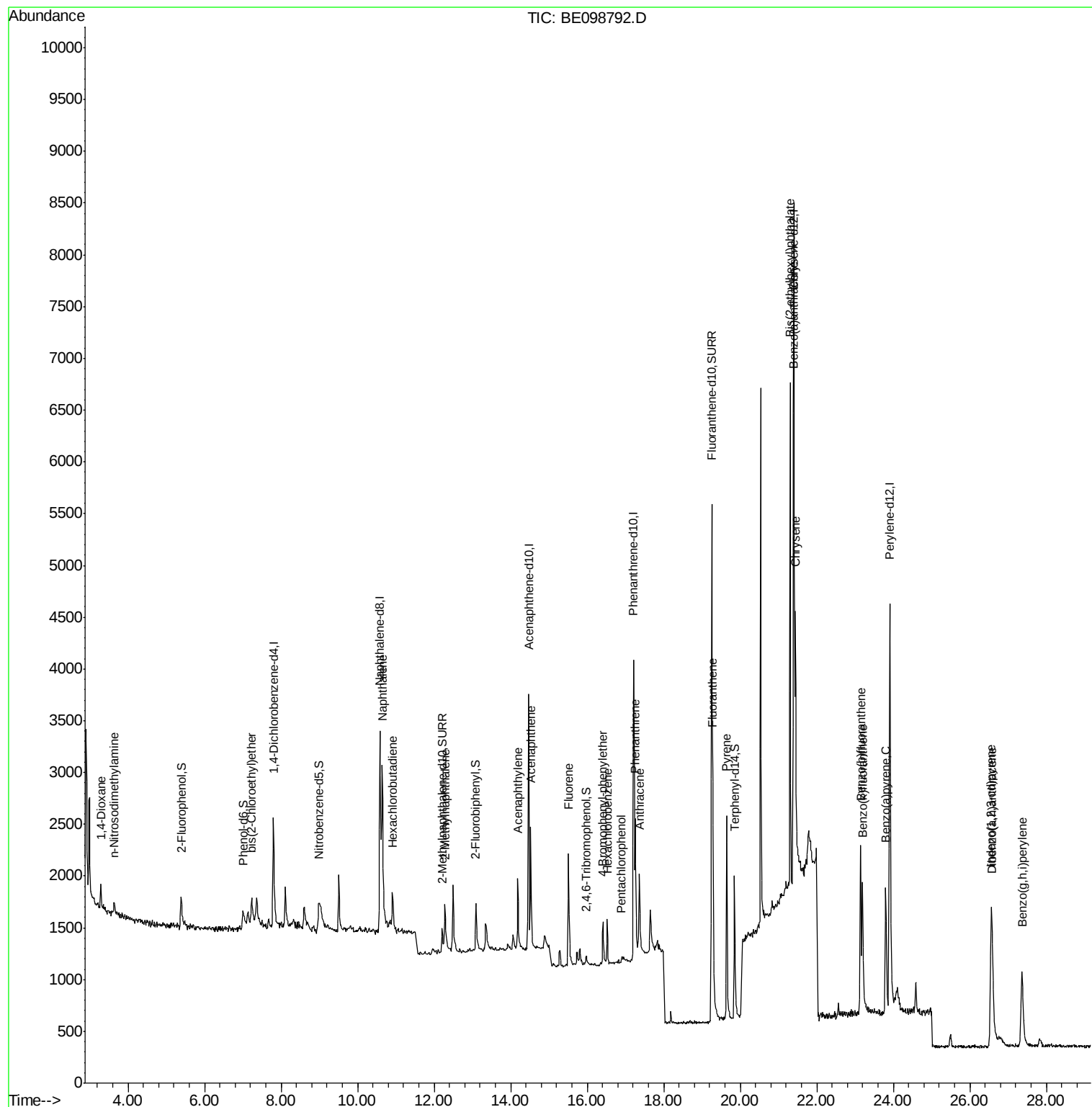
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	206	0.149	ng	# 80
3) n-Nitrosodimethylamine	3.63	42	150	0.148	ng	# 14
6) bis(2-Chloroethyl)ether	7.23	93	240	0.119	ng	# 93
9) Naphthalene	10.64	128	3350	0.115	ng	# 94
10) Hexachlorobutadiene	10.91	225	249	0.120	ng	# 93
12) 2-Methylnaphthalene	12.28	142	497	0.103	ng	# 89
16) Acenaphthylene	14.18	152	964	0.113	ng	99
17) Acenaphthene	14.53	154	574	0.107	ng	97
18) Fluorene	15.51	166	853	0.123	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	247	0.087	ng	84
21) Hexachlorobenzene	16.52	284	373	0.109	ng	98
22) Pentachlorophenol	16.89	266	67	0.067	ng	99
23) Phenanthrene	17.25	178	1524	0.121	ng	97
24) Anthracene	17.36	178	1176	0.109	ng	96
26) Fluoranthene	19.28	202	2134	0.131	ng	99
28) Pyrene	19.64	202	2246	0.113	ng	96
30) Benzo(a)anthracene	21.39	228	2112	0.109	ng	96
31) Chrysene	21.44	228	2435	0.122	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	5463	0.133	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.55	276	2460	0.119	ng	# 95
35) Benzo(b)fluoranthene	23.15	252	2269	0.117	ng	# 74
36) Benzo(k)fluoranthene	23.20	252	2243	0.105	ng	# 83
37) Benzo(a)pyrene	23.80	252	2208	0.116	ng	# 67
38) Dibenzo(a,h)anthracene	26.58	278	1940	0.115	ng	# 76
39) Benzo(g,h,i)perylene	27.36	276	2214	0.119	ng	# 87

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

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QLast Update : Wed Mar 06 13:20:41 2019
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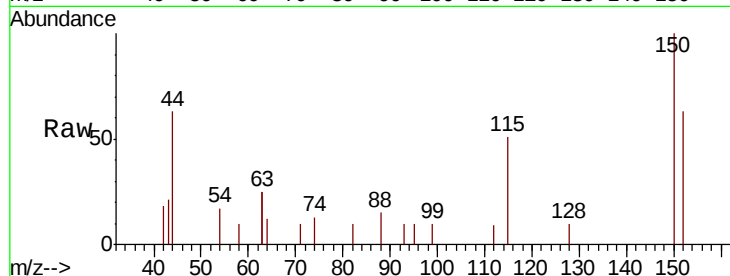


#1

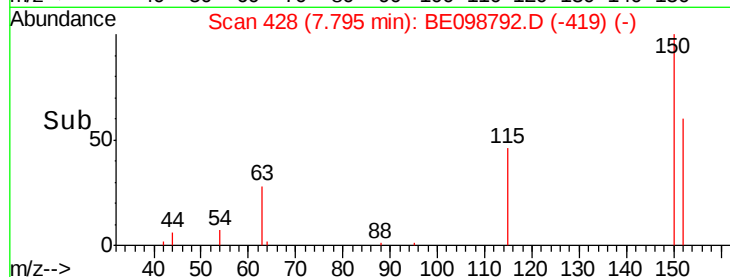
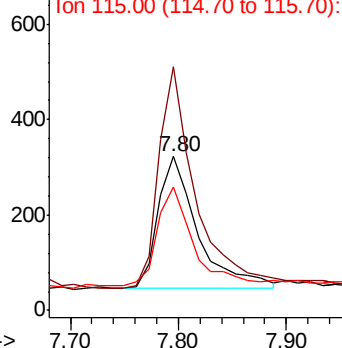
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 701
Ion Ratio Lower Upper
152 100
150 158.2 122.5 183.7
115 80.2 57.4 86.2



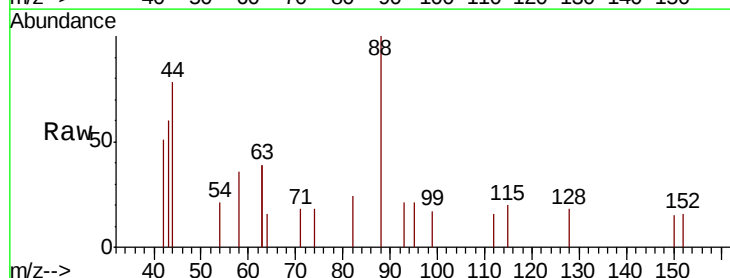
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



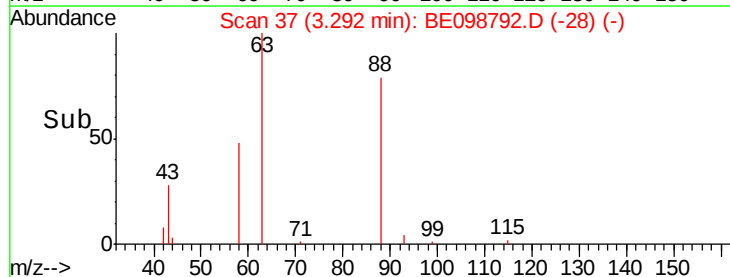
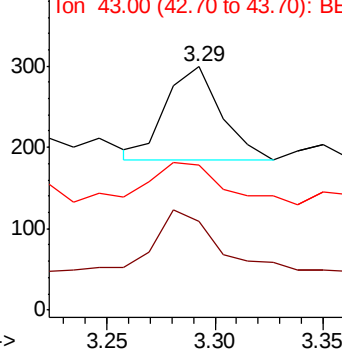
#2

1,4-Dioxane
Concen: 0.149 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion: 88 Resp: 206
Ion Ratio Lower Upper
88 100
58 72.8 75.8 113.6#
43 63.6 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



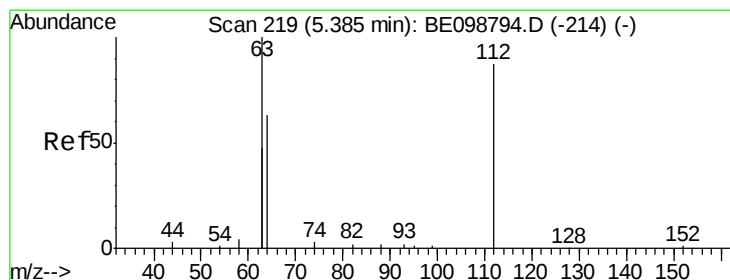
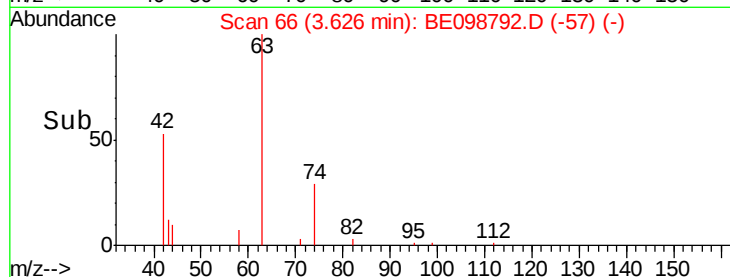
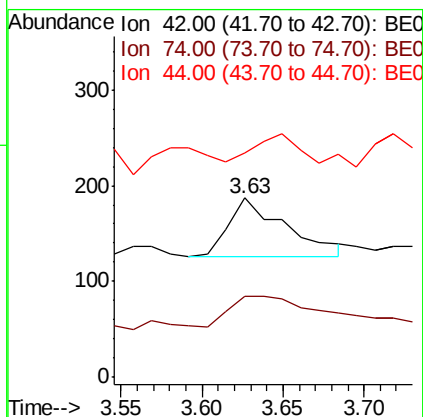
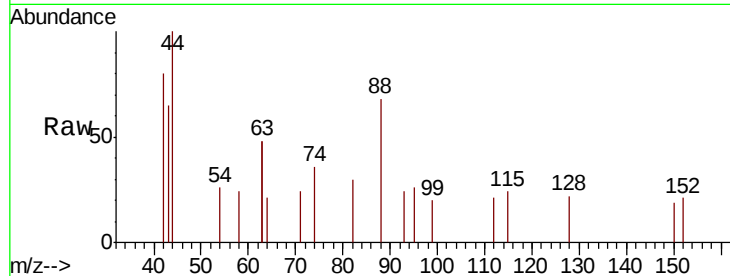


#3

n-Nitrosodimethylamine
 Concen: 0.148 ng
 RT: 3.63 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: BE098792.D
 Acq: 6 Mar 2019 10:53

Instrument :
 BNA_E
 ClientSampleId :

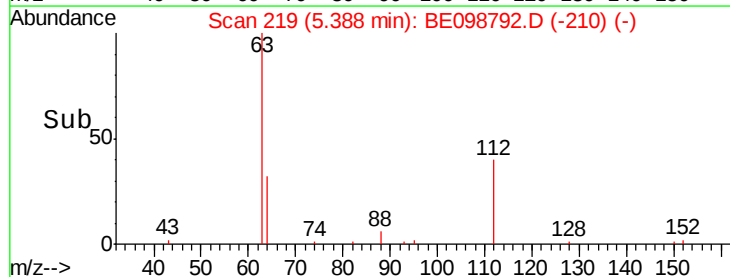
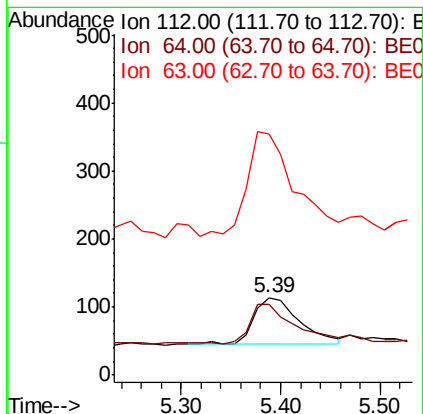
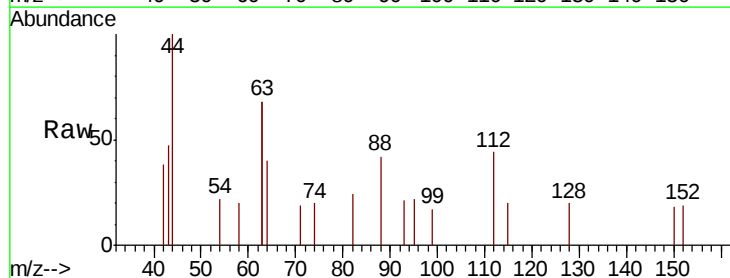
Tot Ion: 42 Resp: 150
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.4#
 44 0.0 0.0 0.0

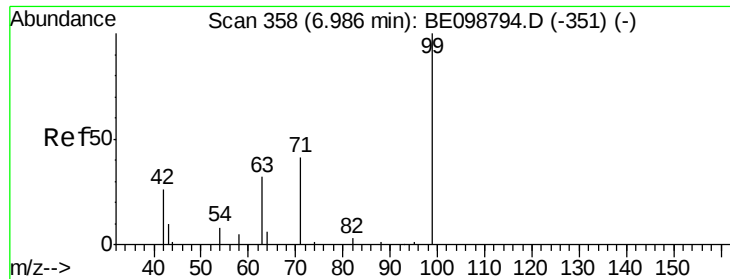


#4

2-Fluorophenol
 Concen: 0.117 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE098792.D
 Acq: 6 Mar 2019 10:53

Tgt Ion: 112 Resp: 218
 Ion Ratio Lower Upper
 112 100
 64 91.7 57.9 86.9#
 63 220.2 158.3 237.5





#5

Phenol-d6

Concen: 0.118 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.02 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampleId :

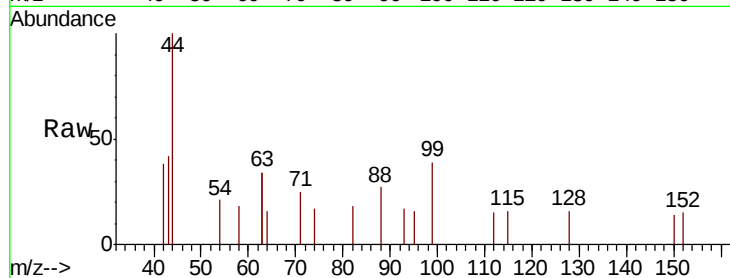
Tot Ion: 99 Resp: 314

Ion Ratio Lower Upper

99 100

42 40.4 24.2 36.2#

71 49.4 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

7.00

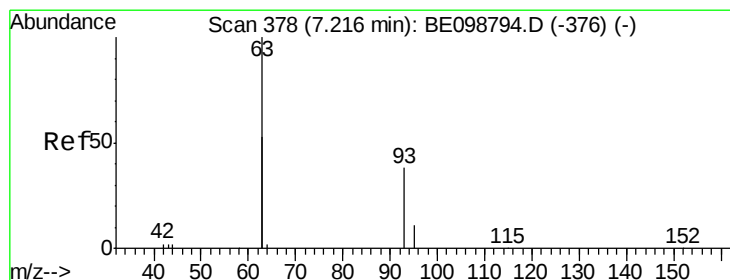
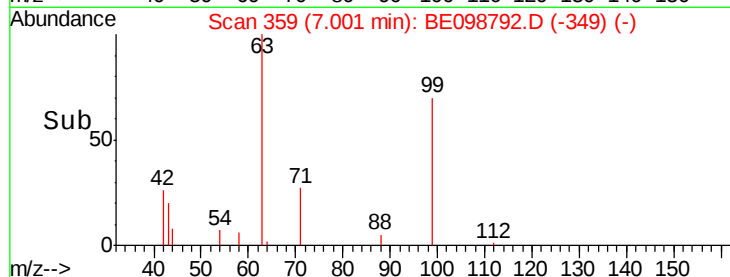
100

50

0

6.80 6.90 7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.119 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.02 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

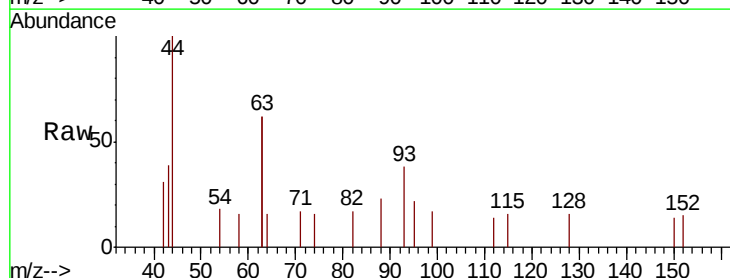
Tgt Ion: 93 Resp: 240

Ion Ratio Lower Upper

93 100

63 297.1 247.5 371.3

95 34.6 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

500

400

300

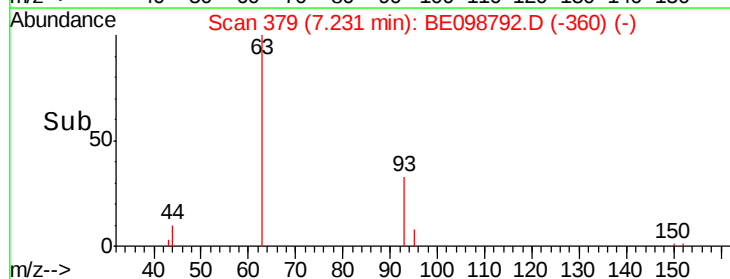
200

100

0

7.20 7.23 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: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2921

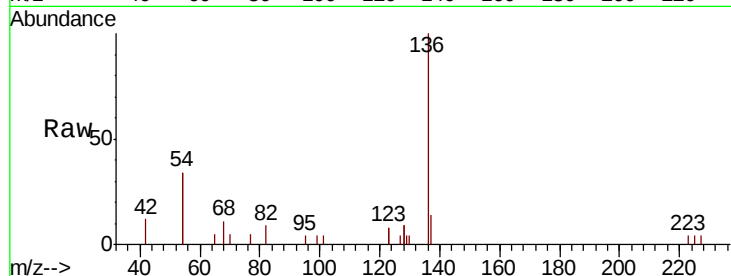
Ion Ratio Lower Upper

136 100

137 13.7 11.4 17.0

54 67.7 39.3 58.9#

68 11.0 6.7 10.1#

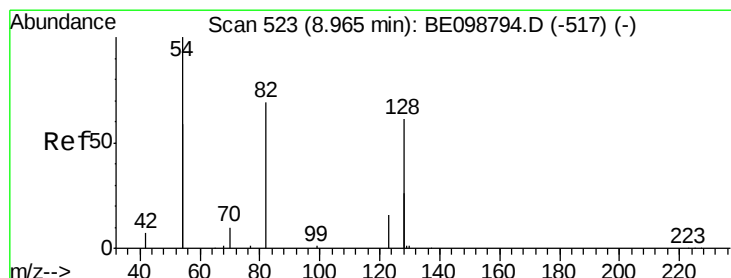
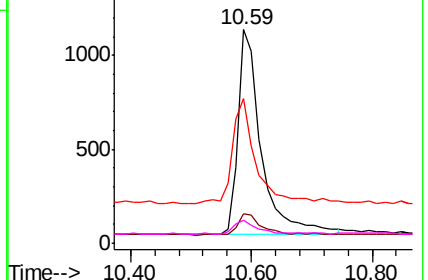
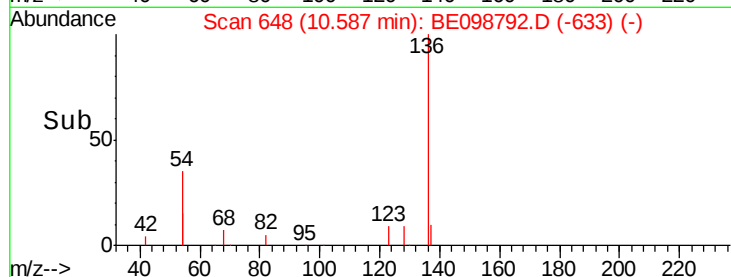


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.126 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.02 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

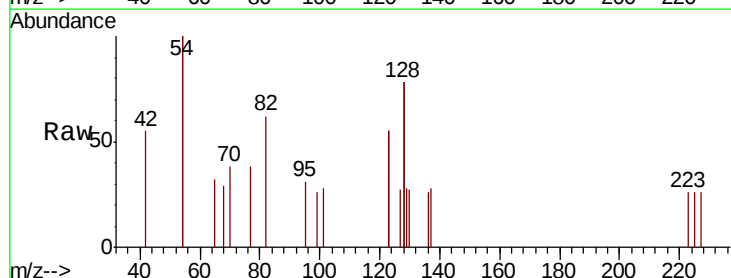
Tgt Ion: 82 Resp: 293

Ion Ratio Lower Upper

82 100

128 250.9 123.8 185.8#

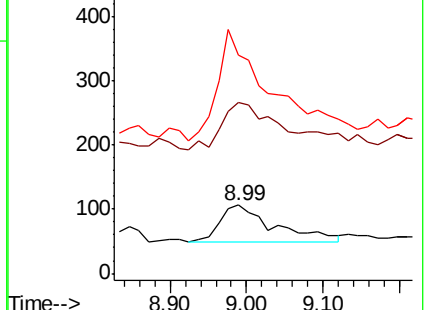
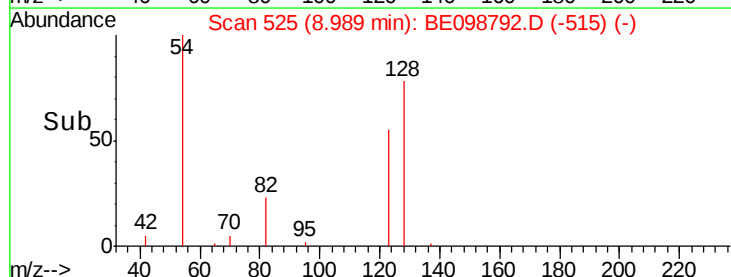
54 320.8 203.4 305.2#



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: 0.115 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampleId :

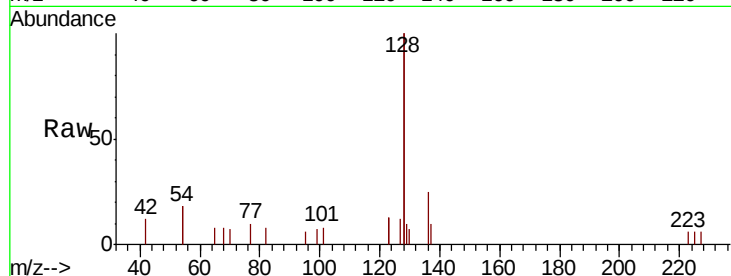
Tot Ion:128 Resp: 3350

Ion Ratio Lower Upper

128 100

129 5.2 2.6 4.0#

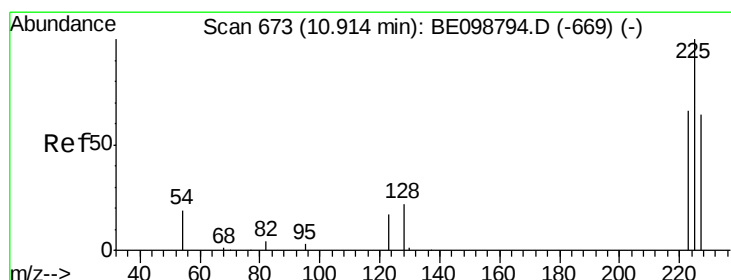
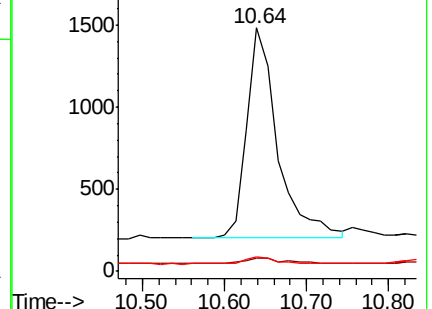
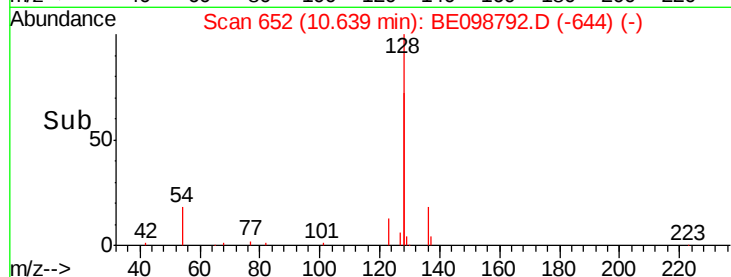
127 6.2 3.1 4.7#



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: 0.120 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

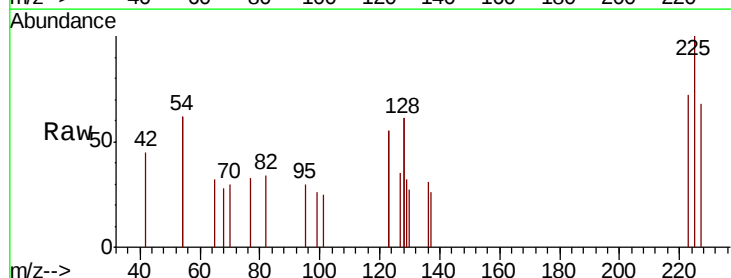
Tgt Ion:225 Resp: 249

Ion Ratio Lower Upper

225 100

223 56.2 51.1 76.7

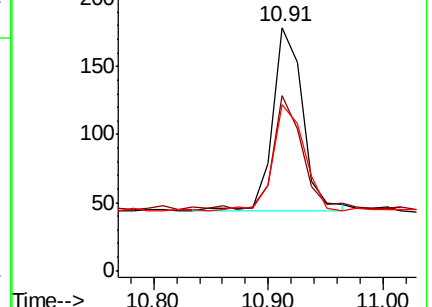
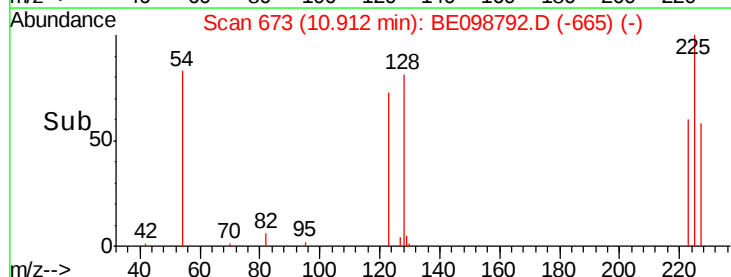
227 60.6 51.6 77.4

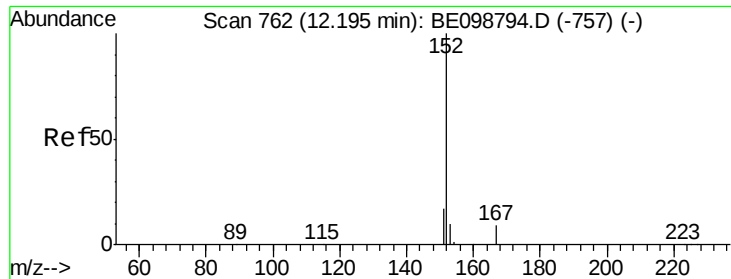


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

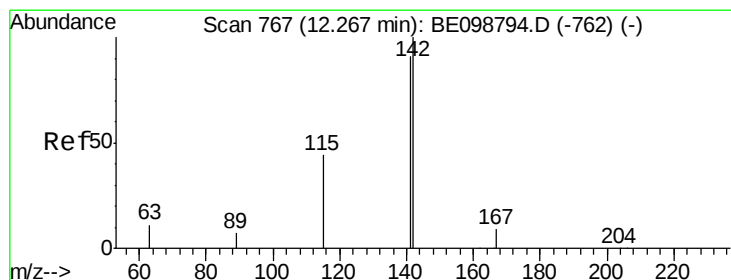
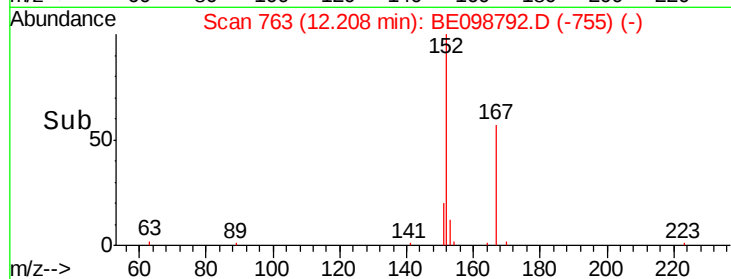
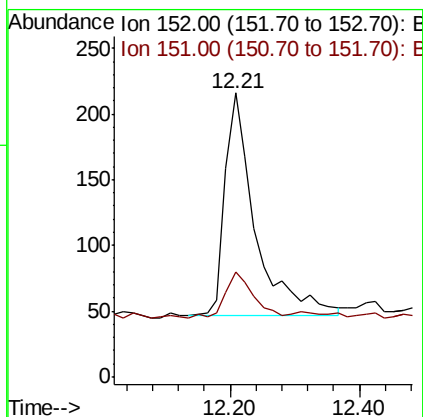
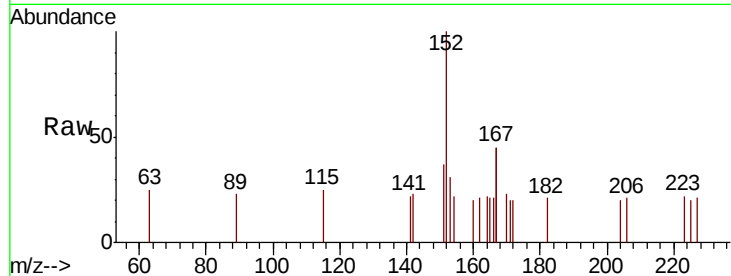




#11
2-Methylnaphthalene-d10
Concen: 0.113 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

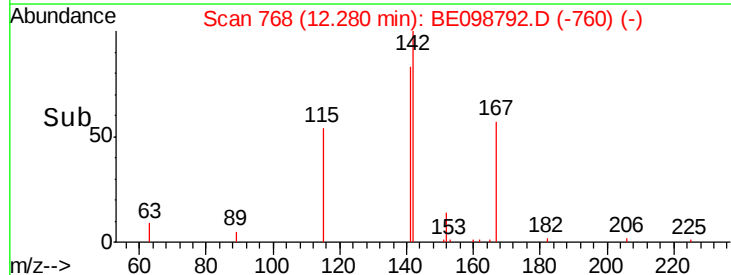
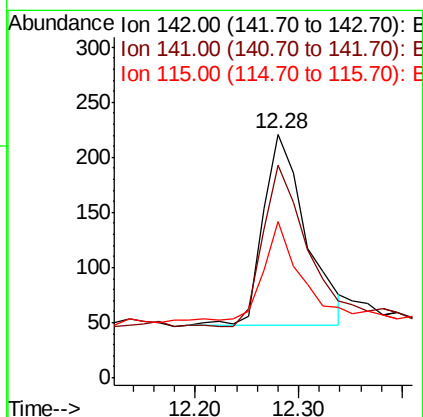
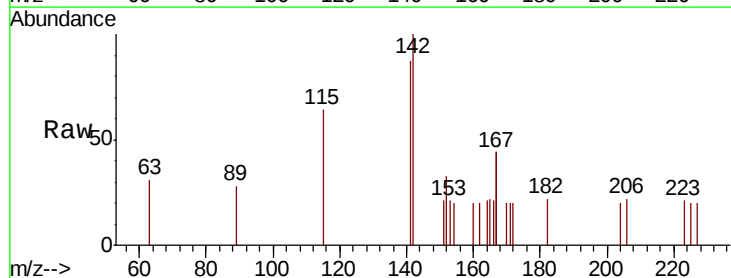
Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 543
Ion Ratio Lower Upper
152 100
151 19.2 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.103 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:142 Resp: 497
Ion Ratio Lower Upper
142 100
141 87.3 72.6 108.8
115 64.3 37.4 56.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampleId :

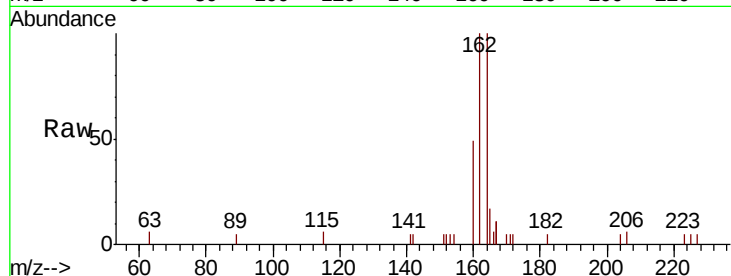
Tot Ion:164 Resp: 1968

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

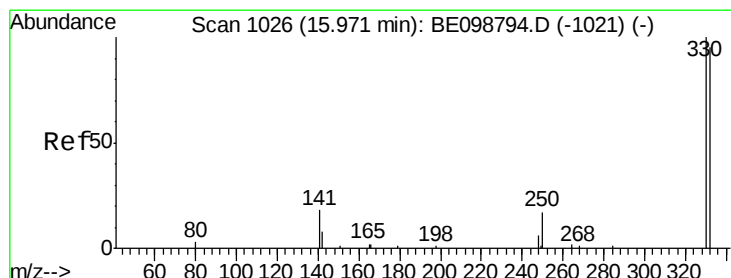
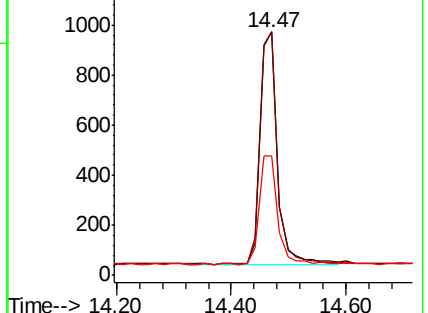
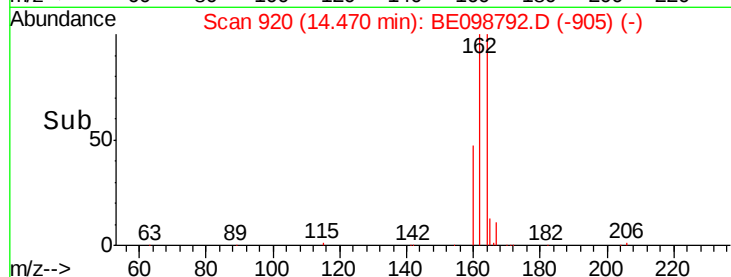
160 49.1 37.8 56.8



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: 0.103 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

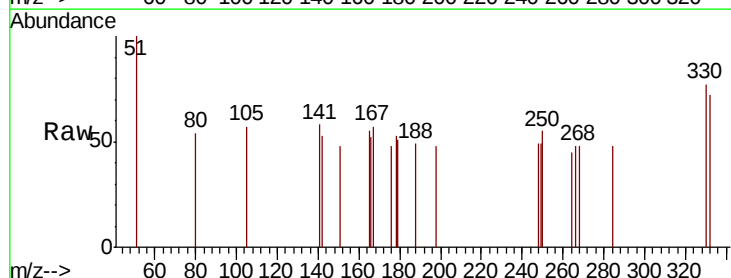
Tgt Ion:330 Resp: 88

Ion Ratio Lower Upper

330 100

332 104.5 77.6 116.4

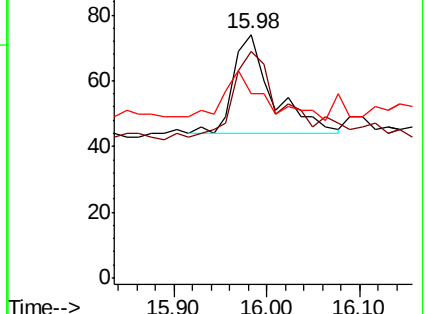
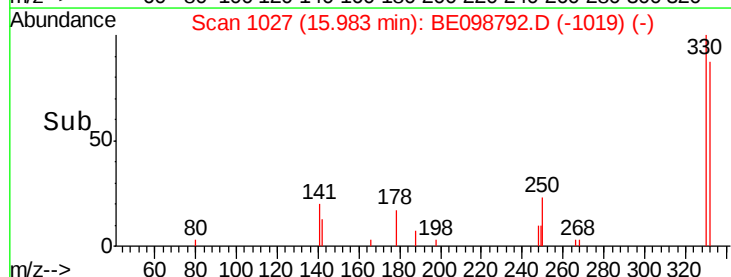
141 52.3 31.0 46.4#



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

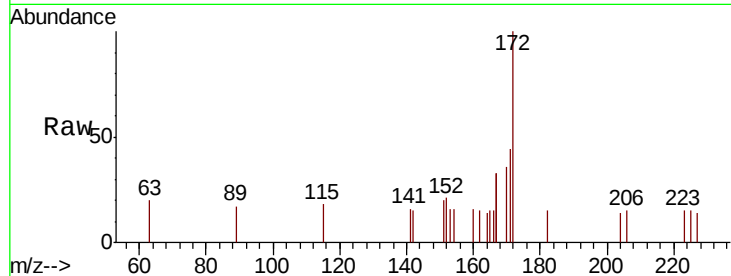




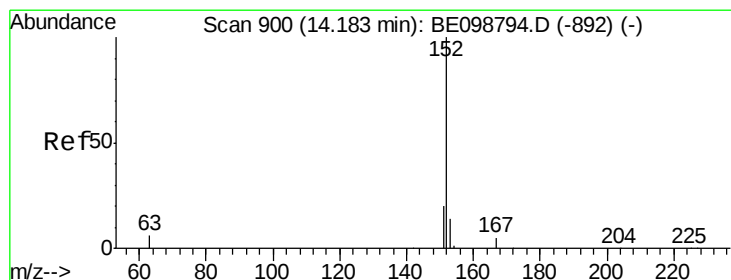
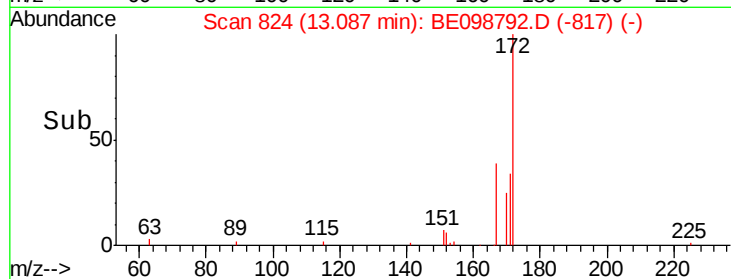
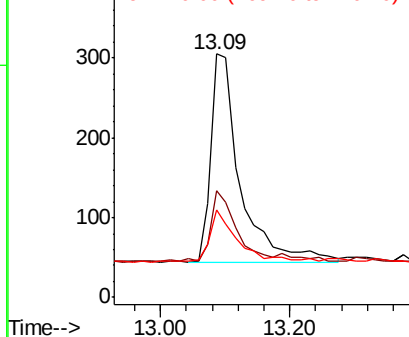
#15
2-Fluorobiphenyl
Concen: 0.103 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 827
Ion Ratio Lower Upper
172 100
171 43.9 28.0 42.0#
170 35.7 17.7 26.5#

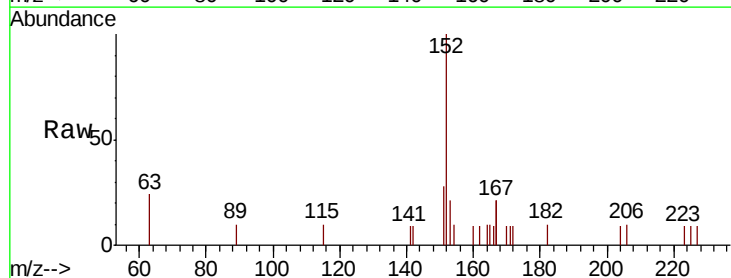


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

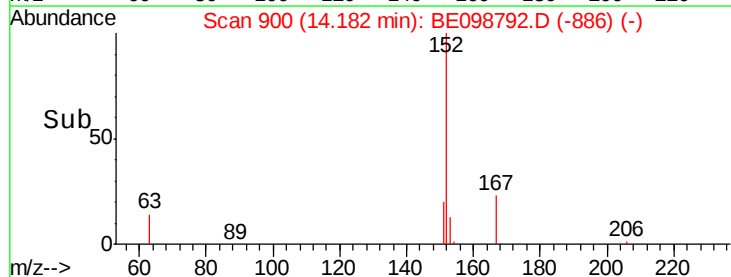
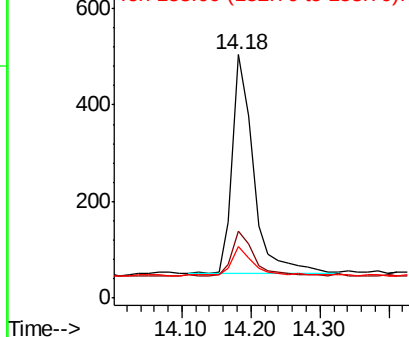


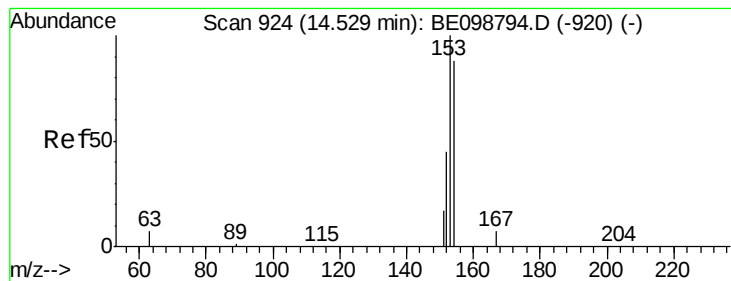
#16
Acenaphthylene
Concen: 0.113 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:152 Resp: 964
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6
153 13.4 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: 0.107 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampleId :

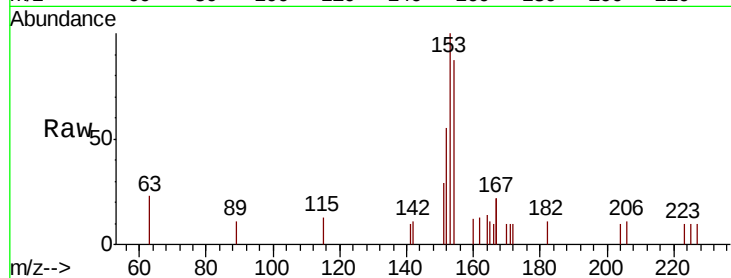
Tot Ion:154 Resp: 574

Ion Ratio Lower Upper

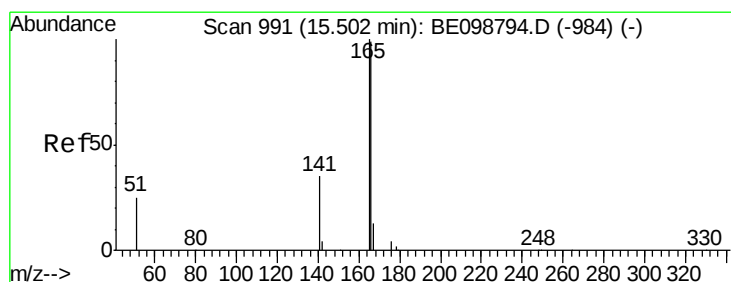
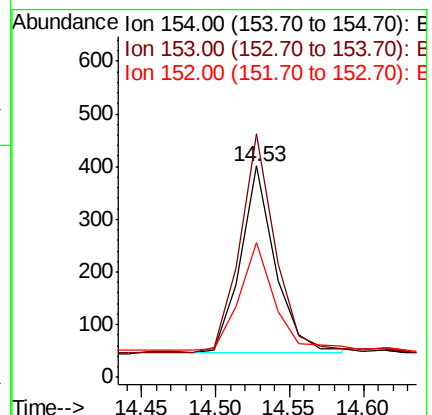
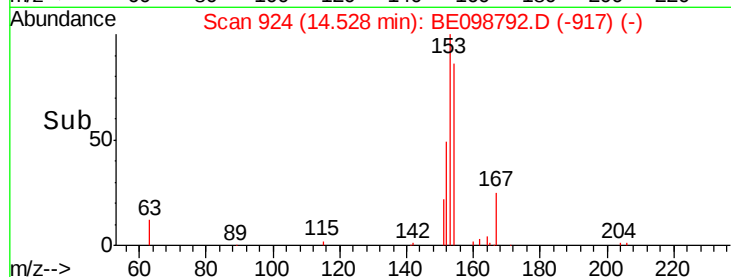
154 100

153 119.9 94.2 141.4

152 59.8 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: 0.123 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

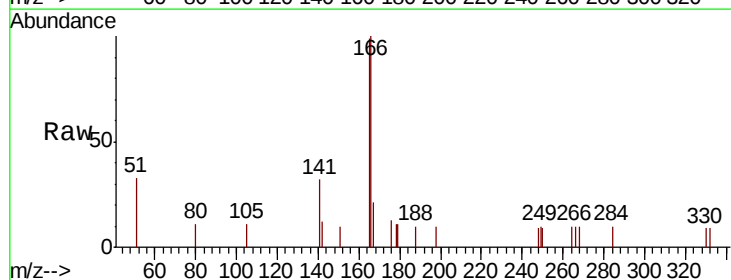
Tgt Ion:166 Resp: 853

Ion Ratio Lower Upper

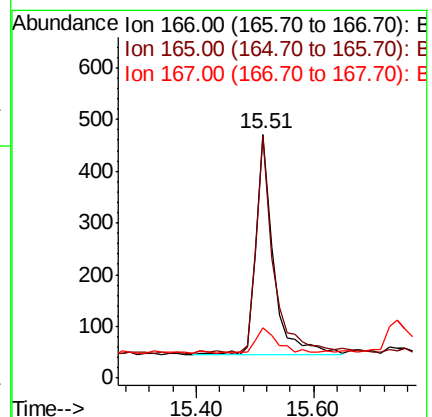
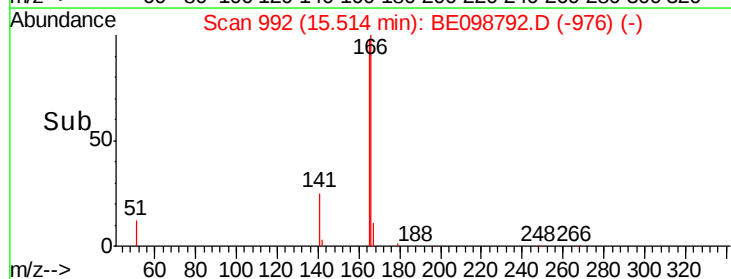
166 100

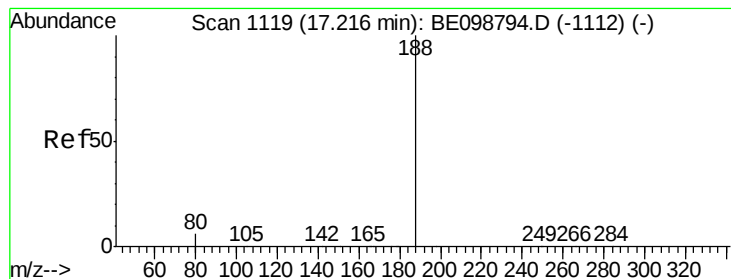
165 98.4 79.3 118.9

167 13.8 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: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampled :

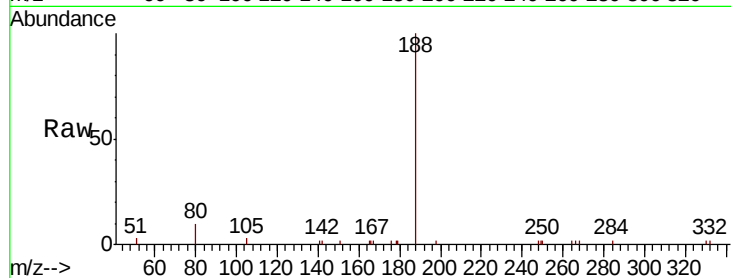
Tot Ion:188 Resp: 5336

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

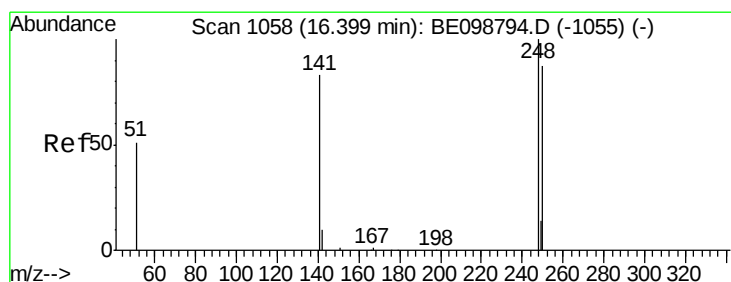
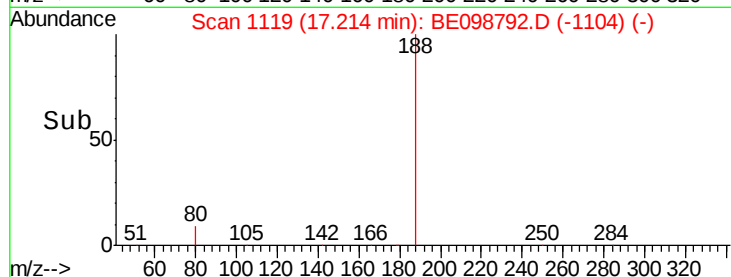
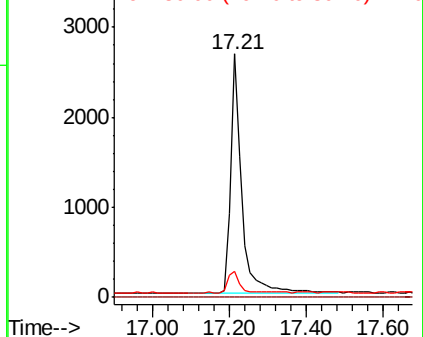
80 10.5 6.3 9.5#



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: 0.087 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

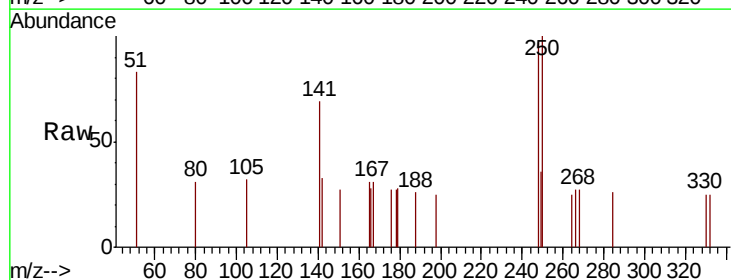
Tgt Ion:248 Resp: 247

Ion Ratio Lower Upper

248 100

250 103.5 70.6 105.8

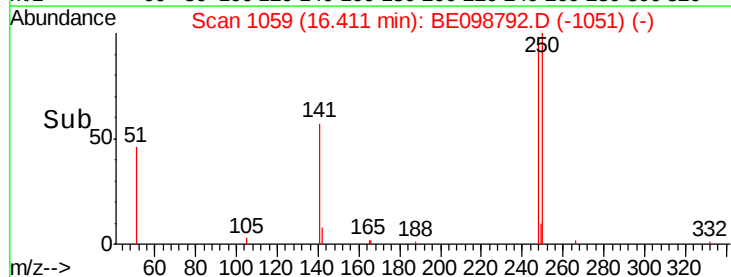
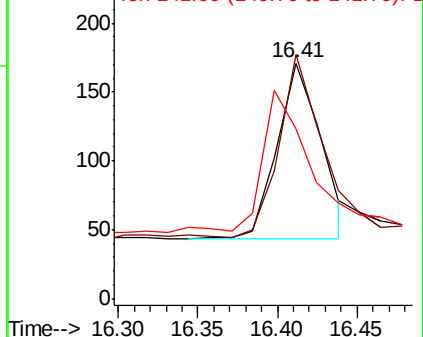
141 71.9 68.6 102.8



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

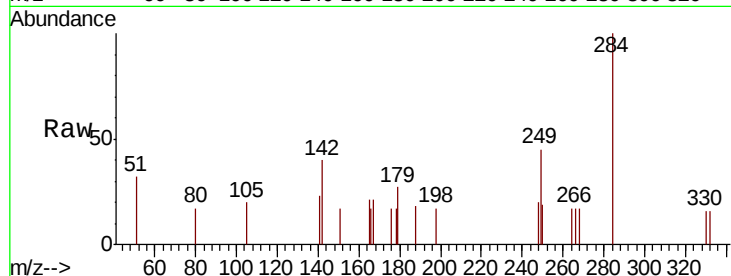




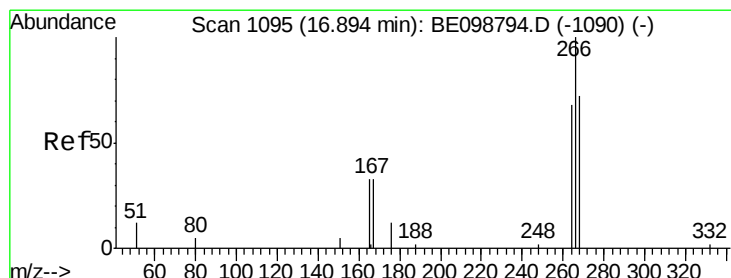
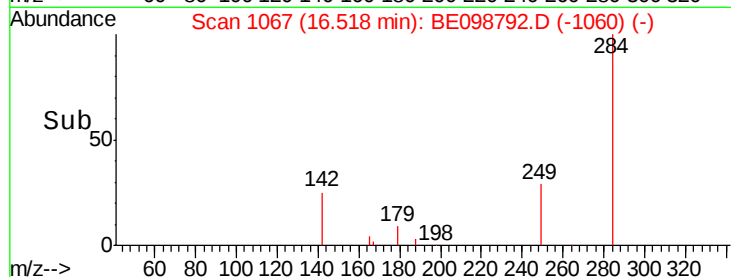
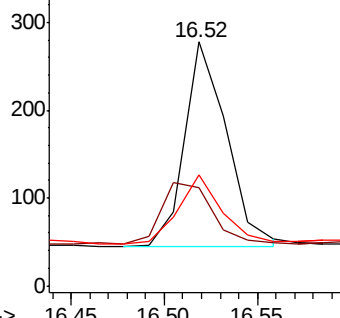
#21
Hexachlorobenzene
Concen: 0.109 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 373
Ion Ratio Lower Upper
284 100
142 35.1 28.7 43.1
249 35.4 29.6 44.4

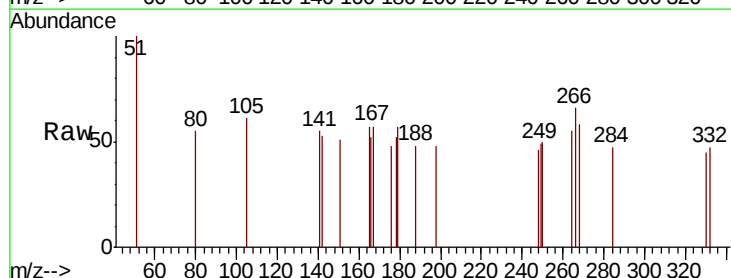


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

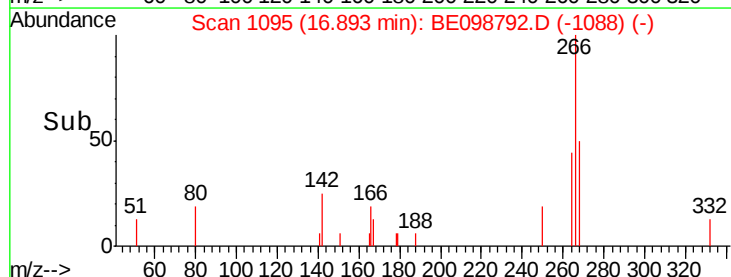
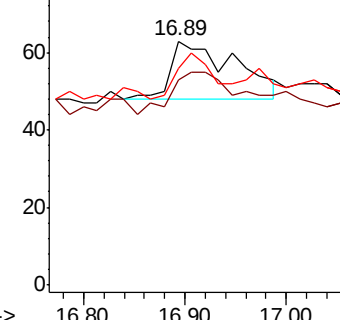


#22
Pentachlorophenol
Concen: 0.067 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:266 Resp: 67
Ion Ratio Lower Upper
266 100
264 84.1 66.6 100.0
268 88.9 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: 0.121 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampleId :

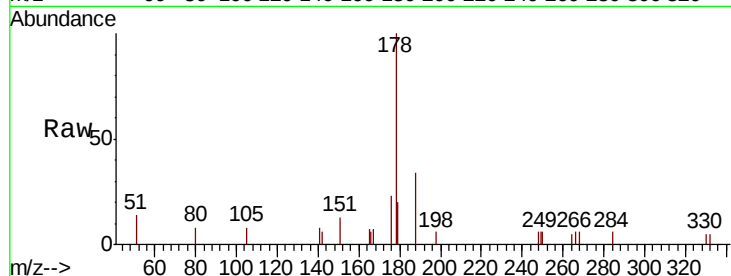
Tot Ion:178 Resp: 1524

Ion Ratio Lower Upper

178 100

176 21.7 16.0 24.0

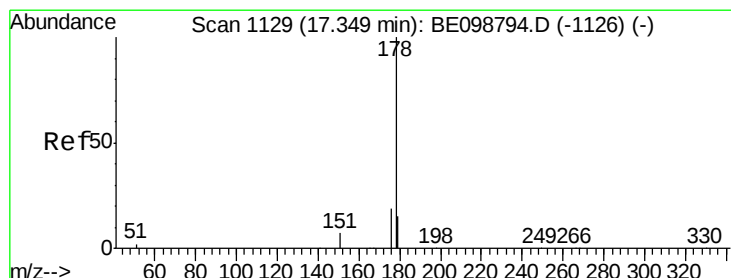
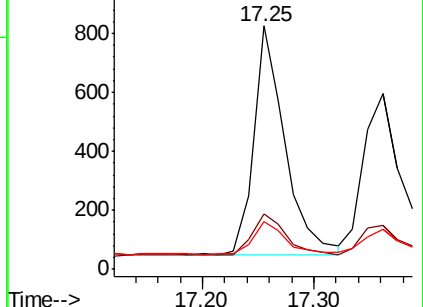
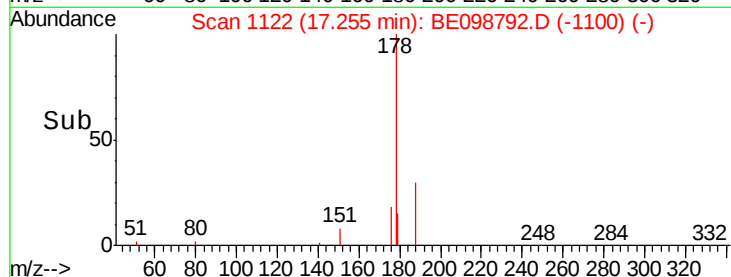
179 14.4 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.109 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

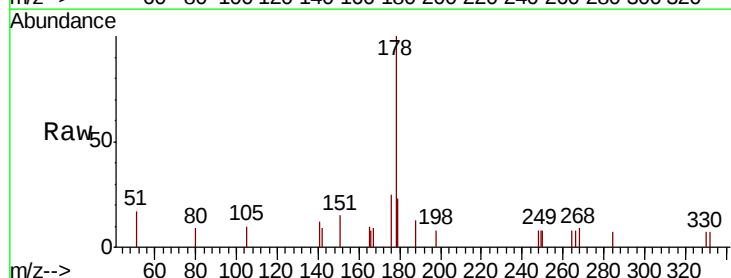
Tgt Ion:178 Resp: 1176

Ion Ratio Lower Upper

178 100

176 21.7 15.4 23.0

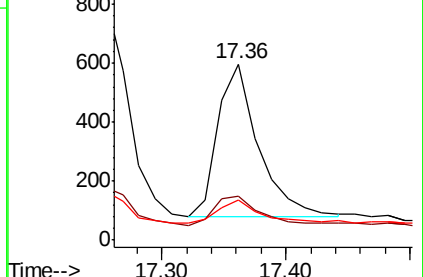
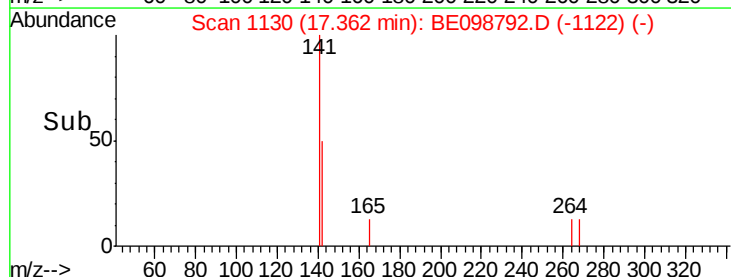
179 16.2 12.2 18.4

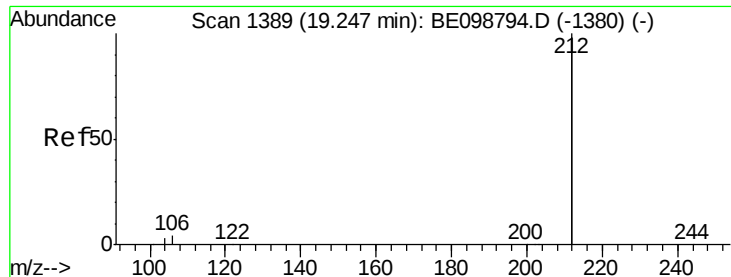


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.129 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampleId :

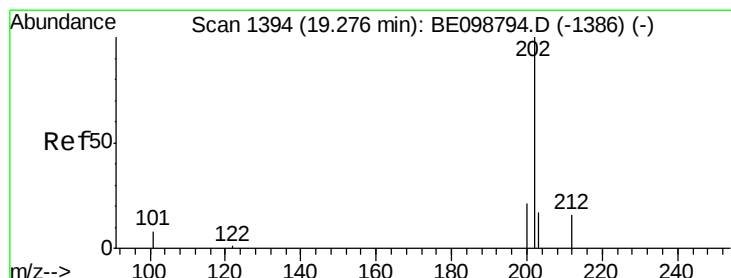
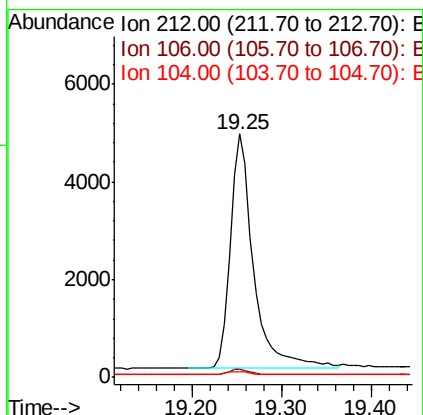
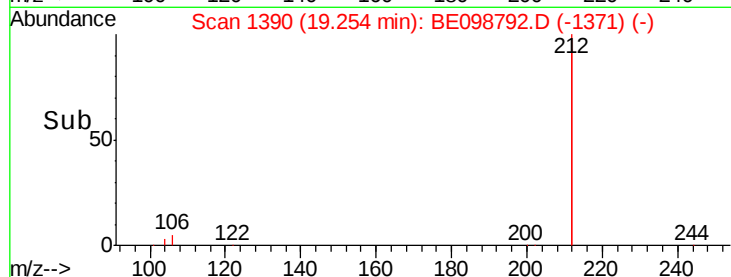
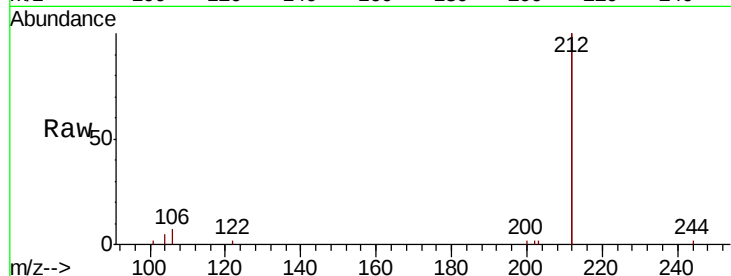
Tot Ion:212 Resp: 8519

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

104 1.5 1.0 1.6



#26

Fluoranthene

Concen: 0.131 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

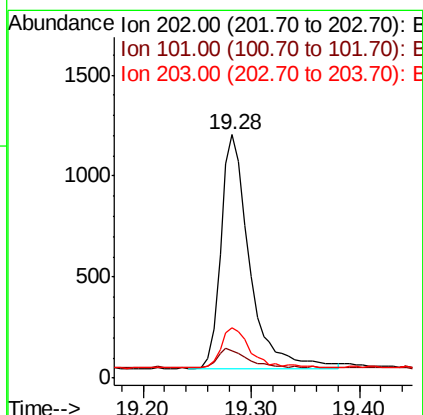
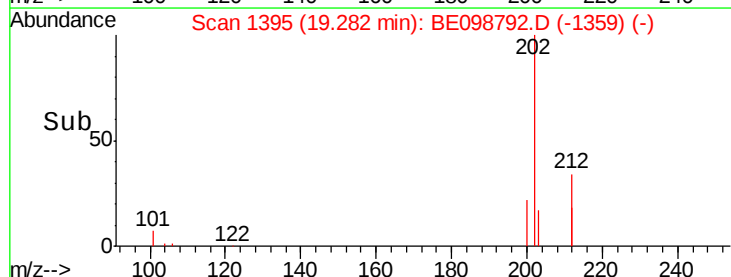
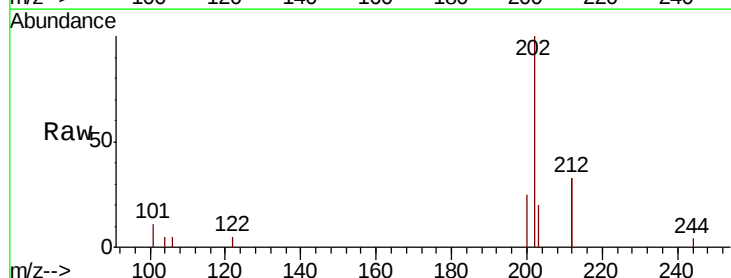
Tgt Ion:202 Resp: 2134

Ion Ratio Lower Upper

202 100

101 8.6 7.3 10.9

203 17.5 13.4 20.2

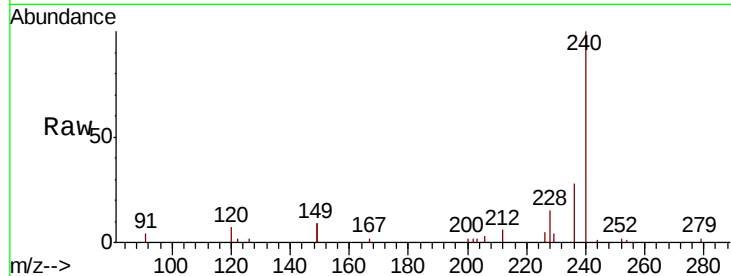




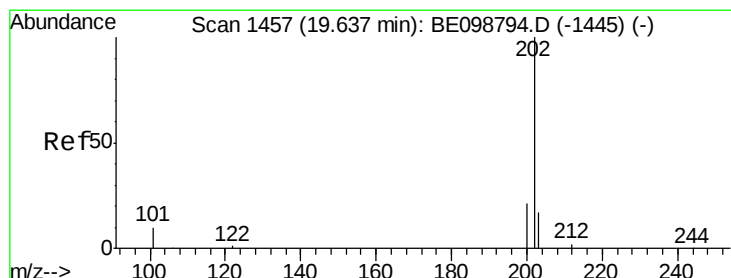
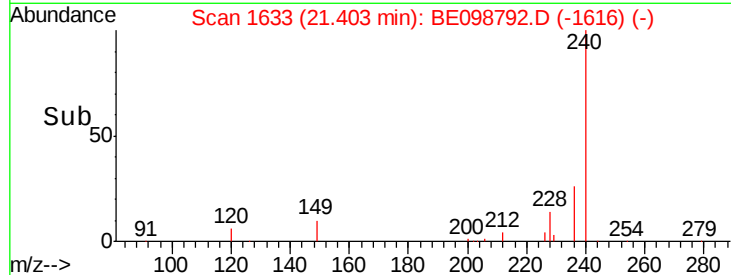
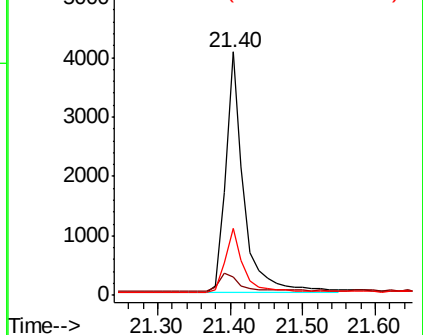
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 7189
Ion Ratio Lower Upper
240 100
120 7.3 5.0 7.4
236 27.5 22.7 34.1

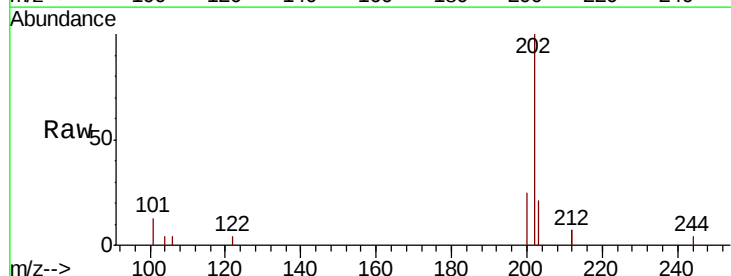


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

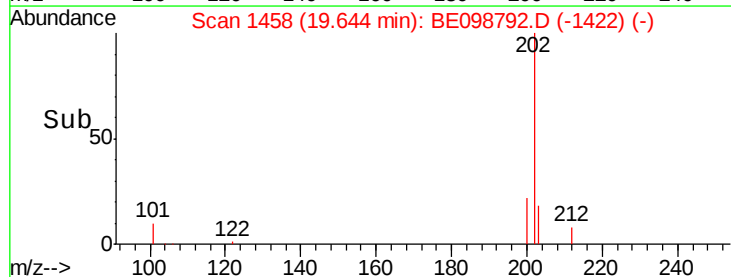
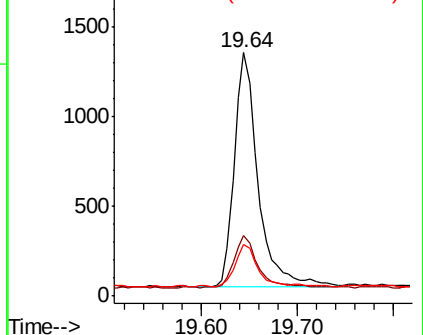


#28
Pyrene
Concen: 0.113 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:202 Resp: 2246
Ion Ratio Lower Upper
202 100
200 23.2 17.0 25.6
203 16.1 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.110 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampled :

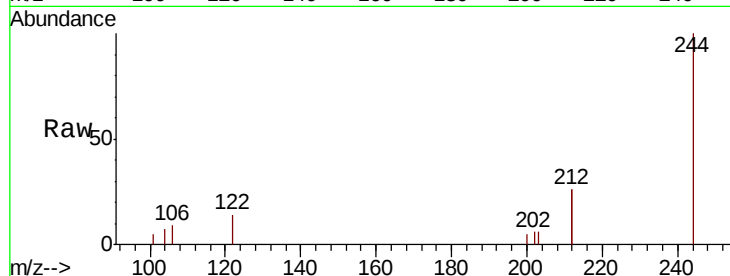
Tot Ion:244 Resp: 1745

Ion Ratio Lower Upper

244 100

212 51.8 29.4 44.2#

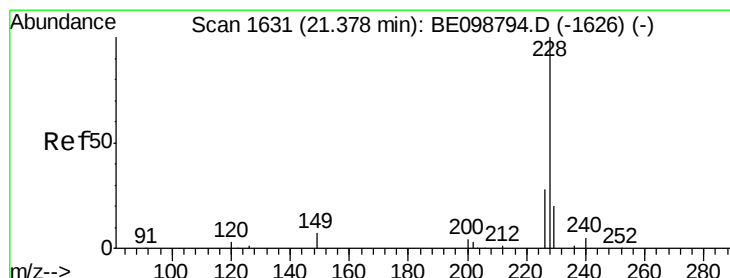
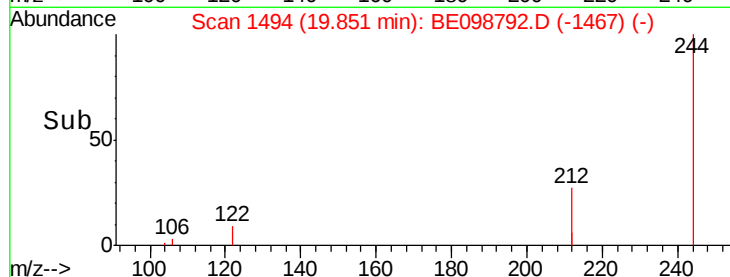
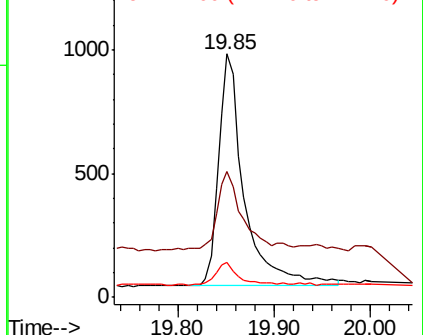
122 14.1 7.1 10.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.109 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

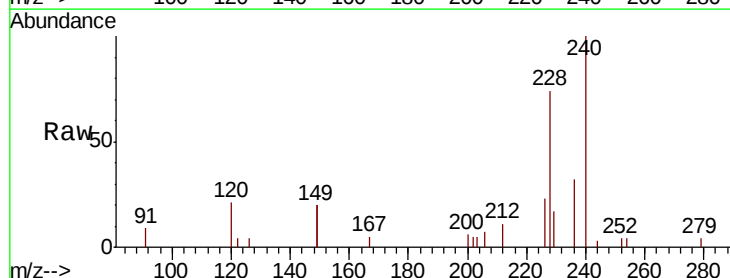
Tgt Ion:228 Resp: 2112

Ion Ratio Lower Upper

228 100

226 31.2 23.0 34.4

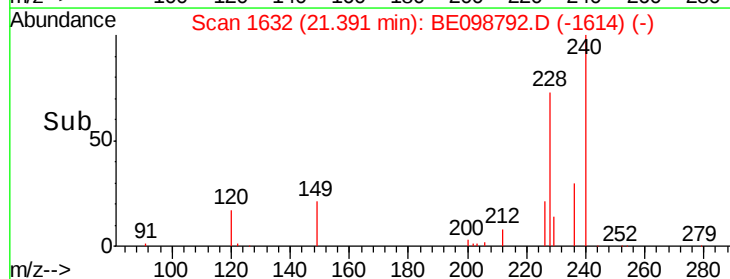
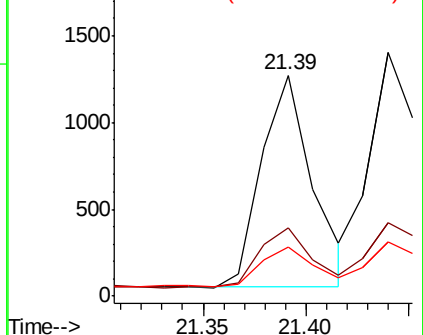
229 22.4 16.5 24.7

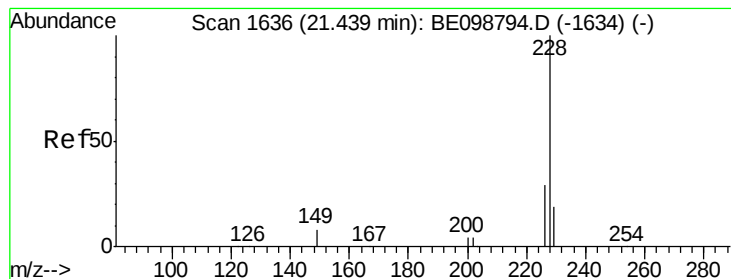


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.122 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampleId :

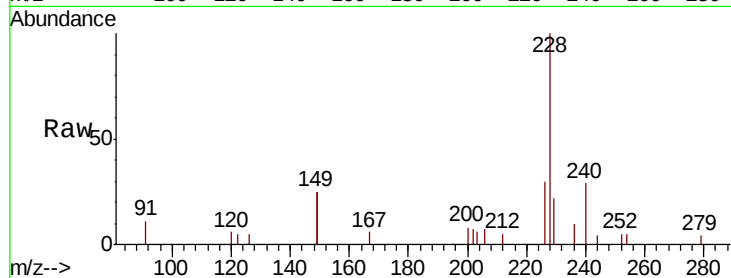
Tot Ion:228 Resp: 2435

Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

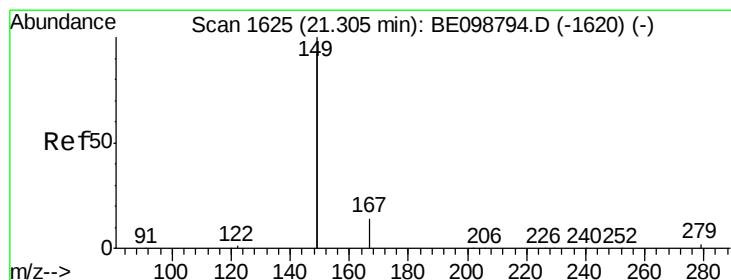
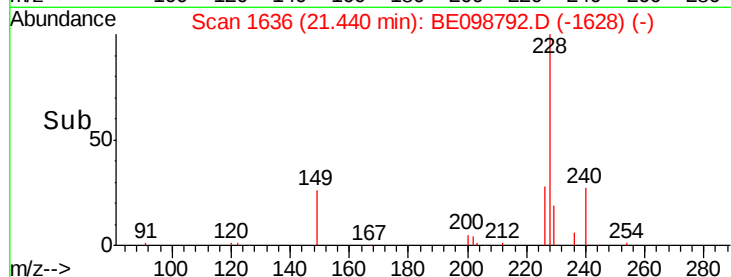
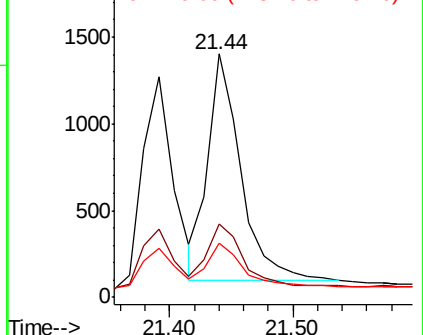
229 22.2 16.1 24.1



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: 0.133 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

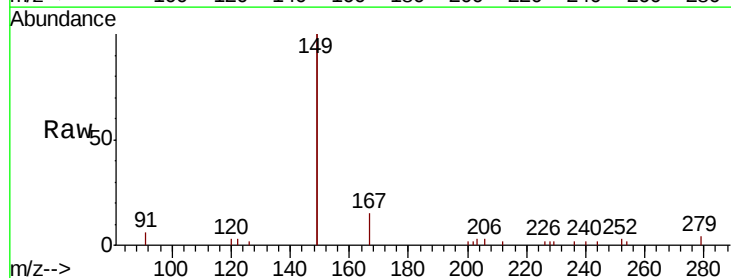
Tgt Ion:149 Resp: 5463

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

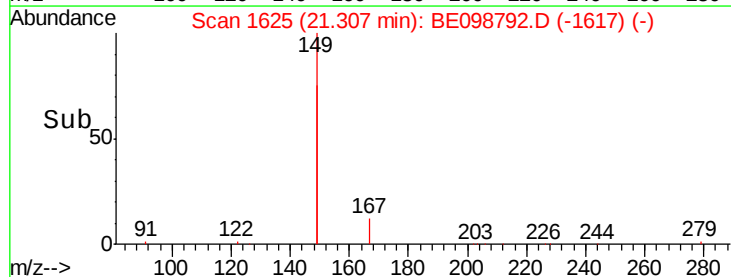
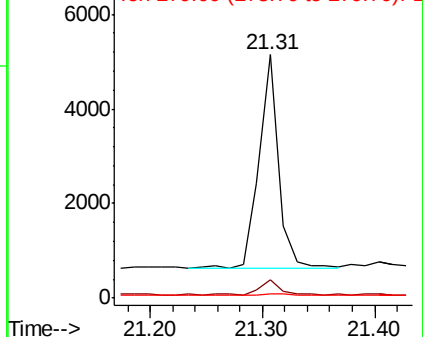
279 1.8 1.0 1.4#

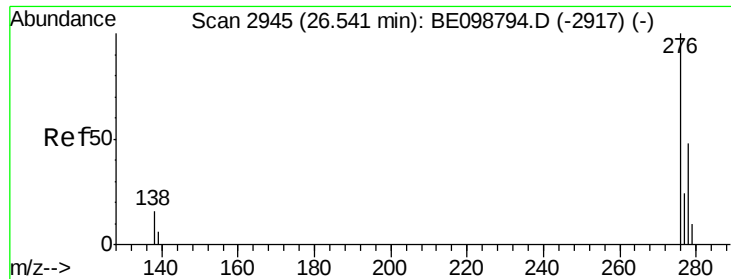


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.119 ng

RT: 26.55 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampleId :

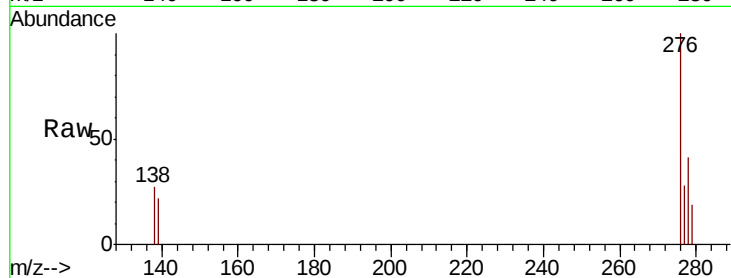
Tot Ion:276 Resp: 2460

Ion Ratio Lower Upper

276 100

138 21.5 13.8 20.8#

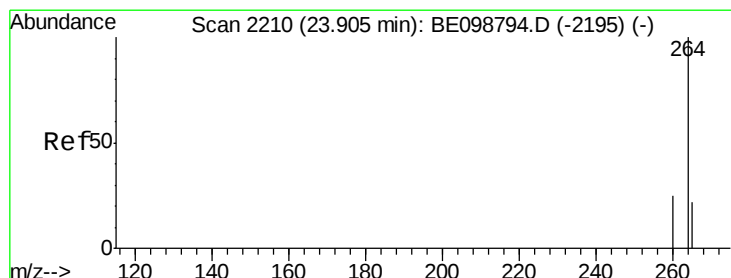
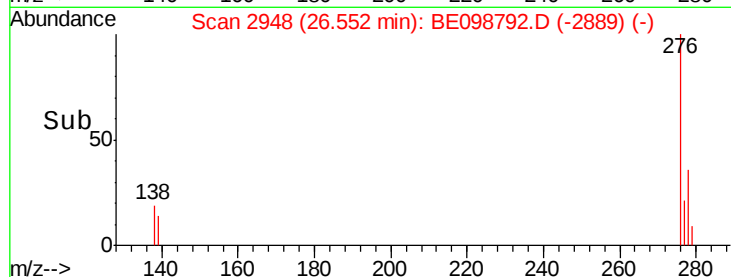
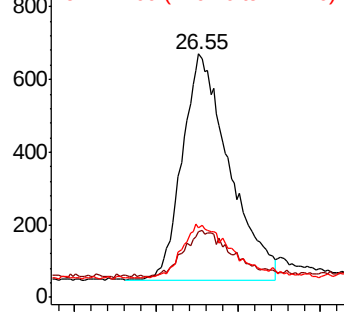
277 25.4 19.5 29.3



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: 23.91 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

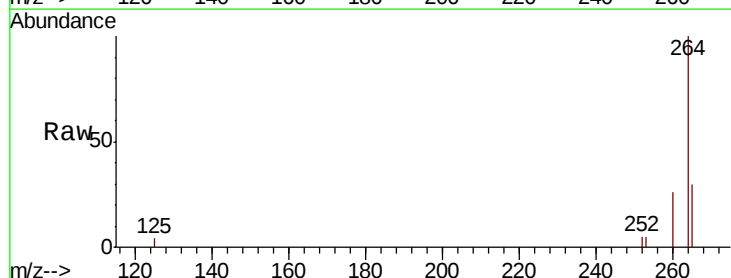
Tgt Ion:264 Resp: 7132

Ion Ratio Lower Upper

264 100

260 25.5 21.2 31.8

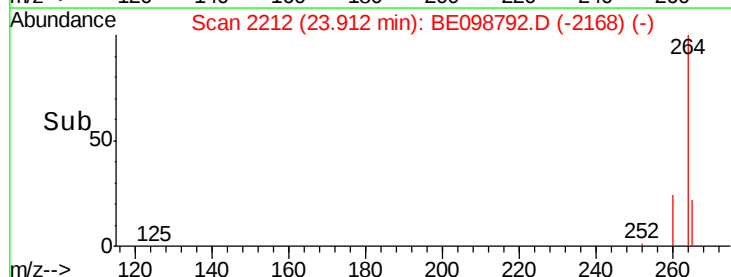
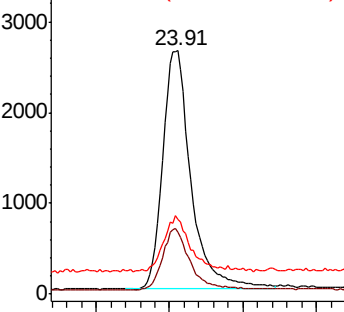
265 30.5 24.6 36.8



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

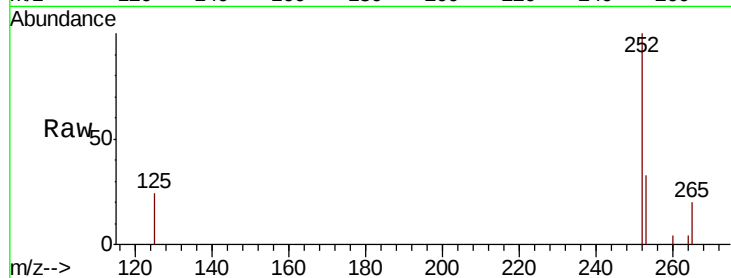




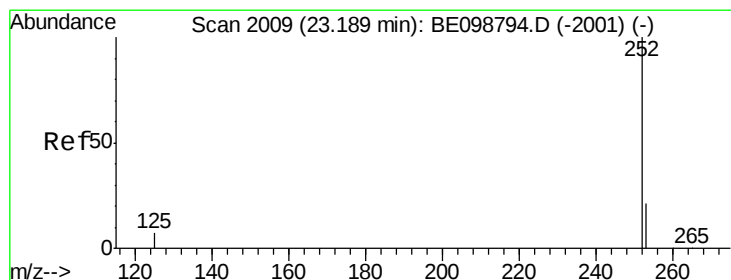
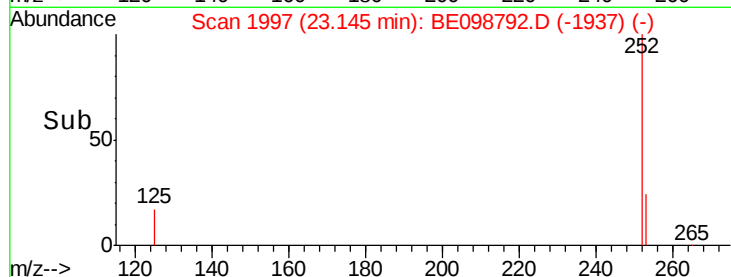
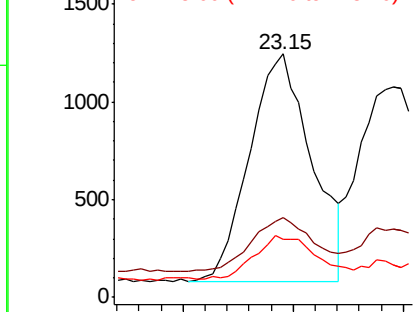
#35
Benzo(b)fluoranthene
Concen: 0.117 ng
RT: 23.15 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 2269
Ion Ratio Lower Upper
252 100
253 32.7 18.2 27.2#
125 23.6 7.3 10.9#

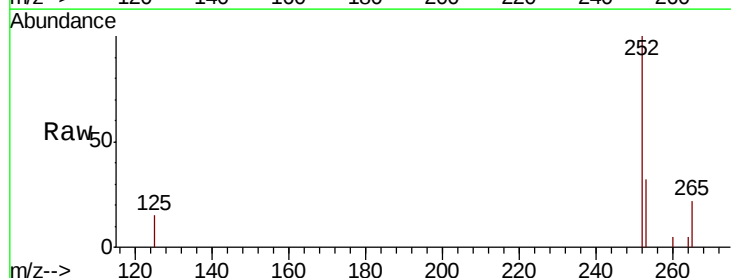


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

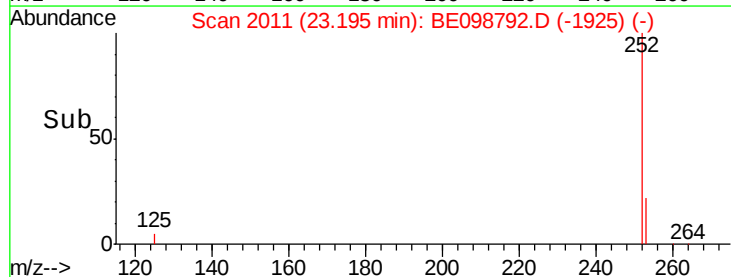
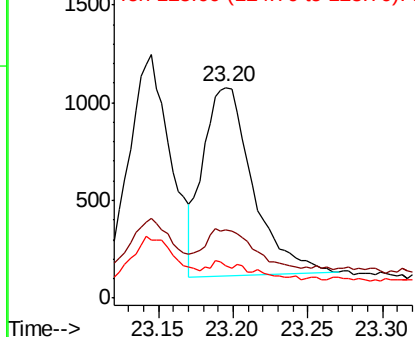


#36
Benzo(k)fluoranthene
Concen: 0.105 ng
RT: 23.20 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:252 Resp: 2243
Ion Ratio Lower Upper
252 100
253 32.4 19.3 28.9#
125 15.4 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: 0.116 ng

RT: 23.80 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampleId :

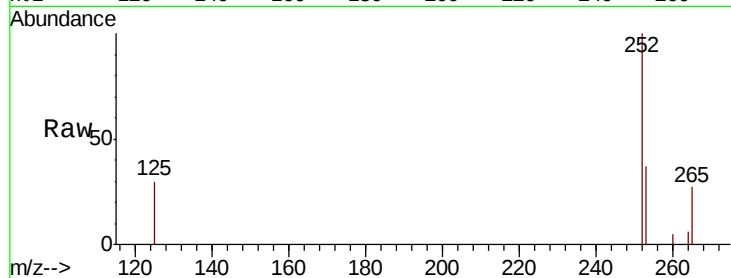
Tot Ion:252 Resp: 2208

Ion Ratio Lower Upper

252 100

253 37.4 19.9 29.9#

125 30.4 9.0 13.4#

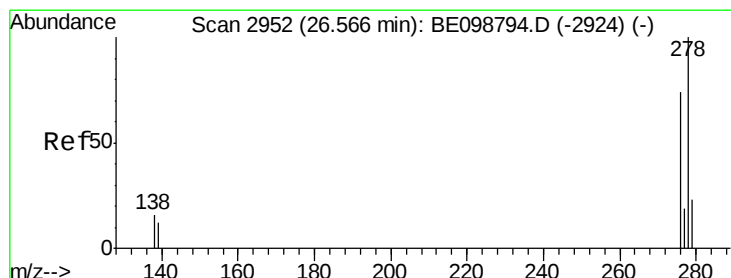
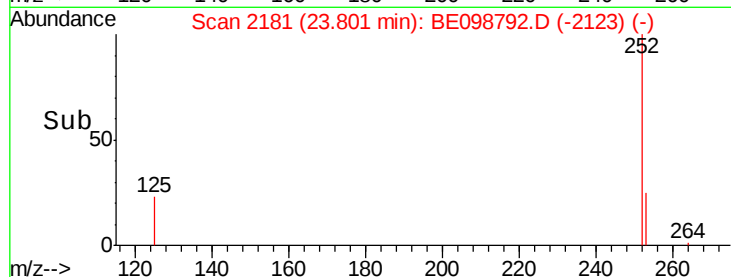
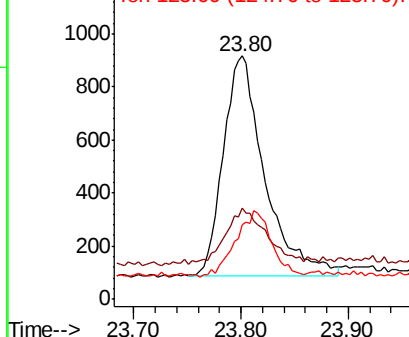


Abundance

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: 0.115 ng

RT: 26.58 min Scan# 2957

Delta R.T. 0.02 min

Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

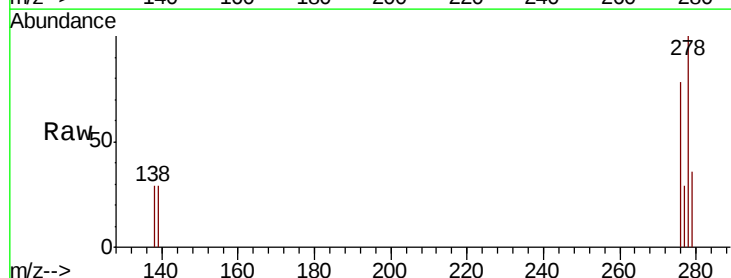
Tgt Ion:278 Resp: 1940

Ion Ratio Lower Upper

278 100

139 28.9 11.8 17.6#

279 35.8 21.1 31.7#

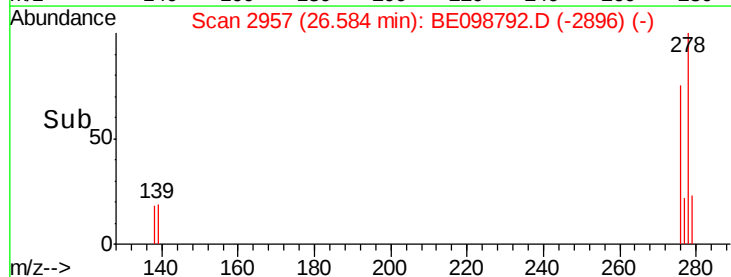
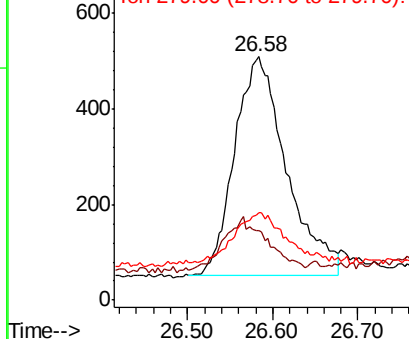


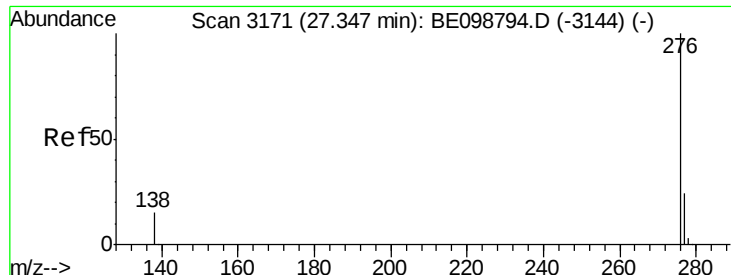
Abundance

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: 0.119 ng

RT: 27.36 min Scan# 3176

Delta R.T. 0.02 min

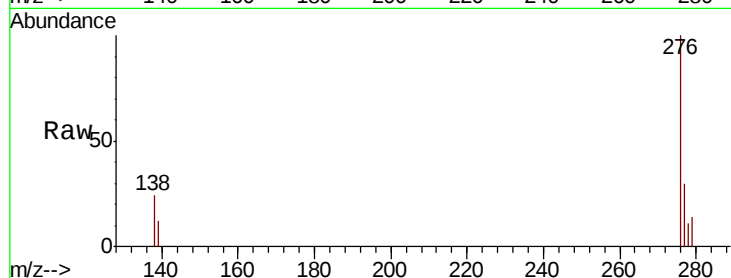
Lab File: BE098792.D

Acq: 6 Mar 2019 10:53

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 2214

Ion Ratio Lower Upper

276 100

277 30.5 20.4 30.6

138 24.2 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

