

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098910.D
 Acq On : 13 Mar 2019 14:04
 Operator : JU/SJ
 Sample : PB117852BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:55:13 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	809	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3429	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2340	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6042	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6788	0.40	ng	-0.01
34) Perylene-d12	23.90	264	6678	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	764	0.32	ng	0.01
5) Phenol-d6	7.00	99	1240	0.36	ng	0.01
8) Nitrobenzene-d5	8.98	82	1168	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2431	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	348	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3605	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	31960	0.33	ng	0.00
29) Terphenyl-d14	19.85	244	6340	0.38	ng	0.00

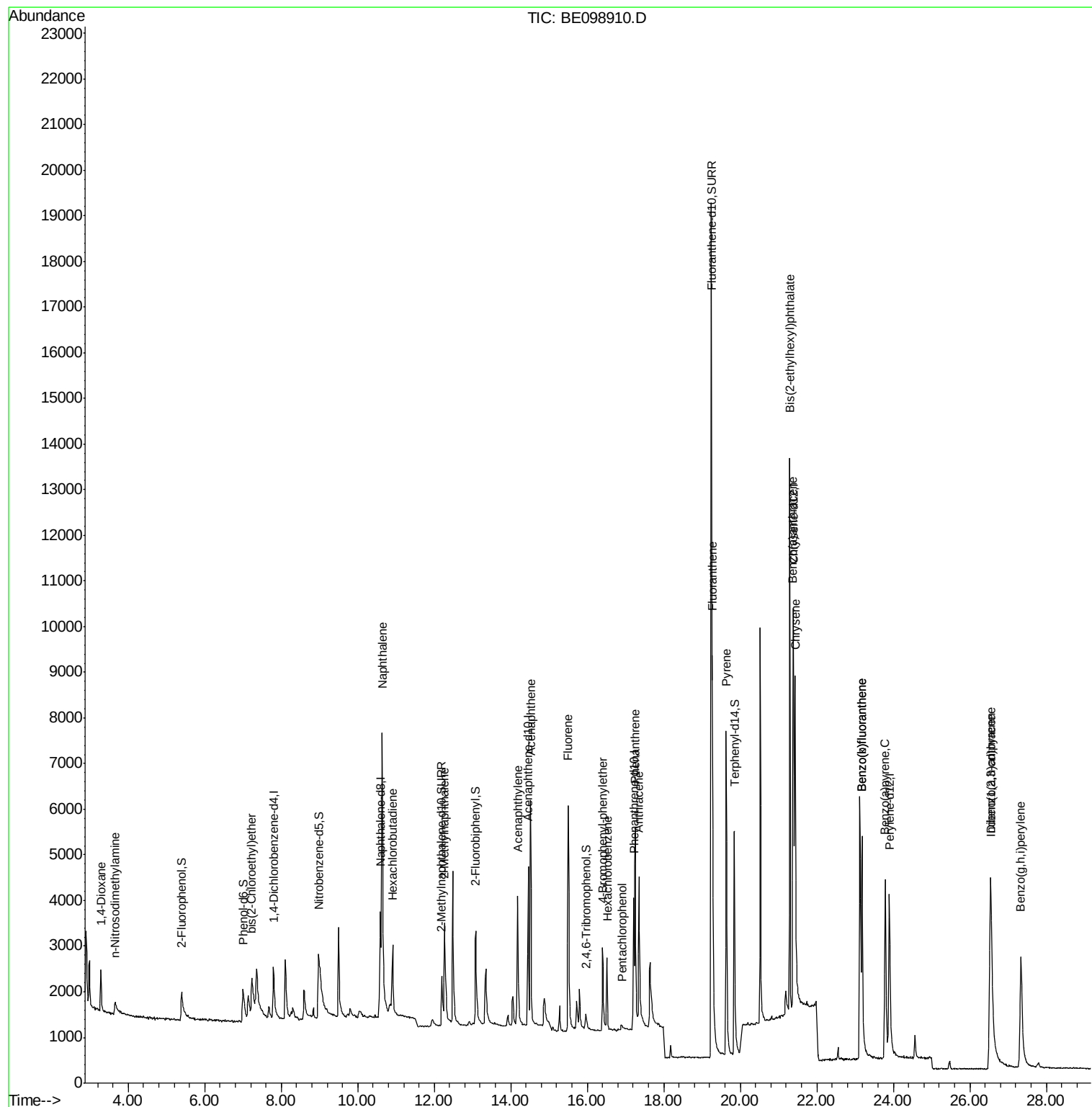
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	621	0.394	ng	92
3) n-Nitrosodimethylamine	3.66	42	337	0.166	ng	# 98
6) bis(2-Chloroethyl)ether	7.23	93	724	0.275	ng	96
9) Naphthalene	10.64	128	15149	0.386	ng	100
10) Hexachlorobutadiene	10.91	225	1010	0.389	ng	99
12) 2-Methylnaphthalene	12.27	142	2355	0.370	ng	97
16) Acenaphthylene	14.18	152	4367	0.363	ng	97
17) Acenaphthene	14.52	154	2560	0.359	ng	95
18) Fluorene	15.50	166	3618	0.351	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1048	0.320	ng	93
21) Hexachlorobenzene	16.52	284	1470	0.378	ng	96
22) Pentachlorophenol	16.91	266	172	0.394	ng	94
23) Phenanthrene	17.25	178	5982	0.348	ng	98
24) Anthracene	17.35	178	4469	0.304	ng	99
26) Fluoranthene	19.27	202	7995	0.330	ng	100
28) Pyrene	19.63	202	8263	0.398	ng	100
30) Benzo(a)anthracene	21.38	228	7008	0.331	ng	98
31) Chrysene	21.44	228	9012	0.398	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	12967	0.288	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	8831	0.369	ng	97
35) Benzo(b)fluoranthene	23.18	252	8451	0.385	ng	97
36) Benzo(k)fluoranthene	23.18	252	8451	0.368	ng	99
37) Benzo(a)pyrene	23.79	252	8037	0.382	ng	# 89
38) Dibenzo(a,h)anthracene	26.55	278	6578	0.330	ng	95
39) Benzo(g,h,i)perylene	27.33	276	7723	0.371	ng	99

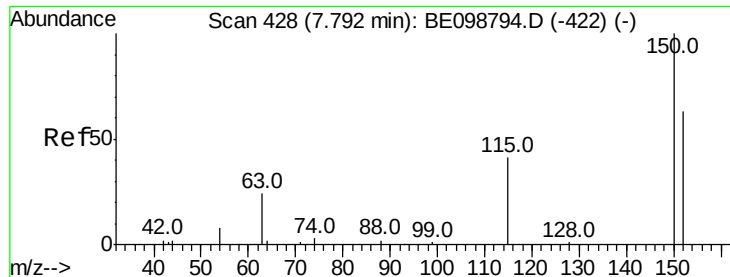
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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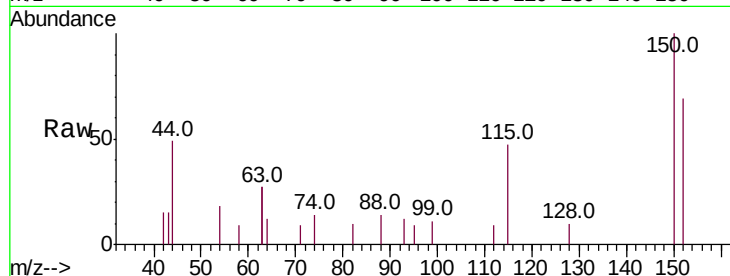


#1

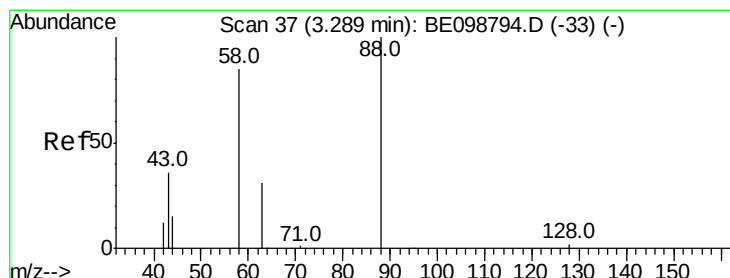
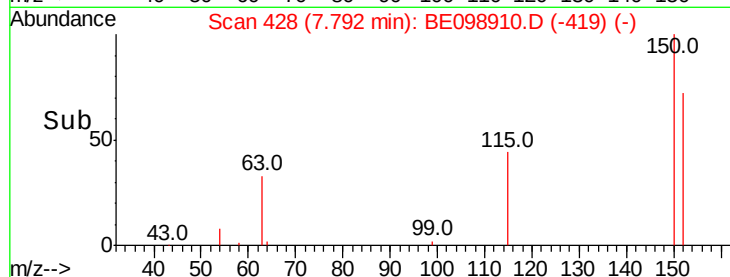
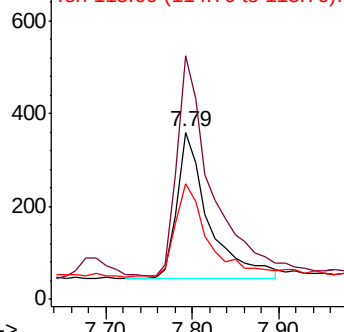
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 809
Ion Ratio Lower Upper
152 100
150 145.6 122.5 183.7
115 68.9 57.4 86.2



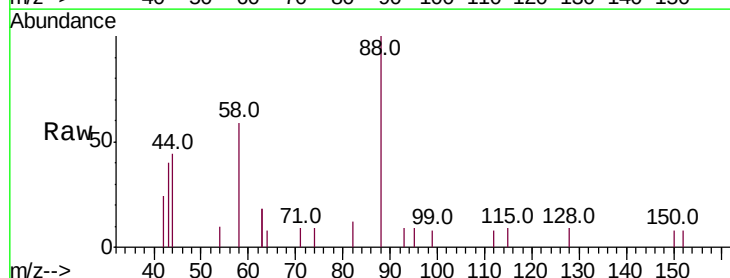
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



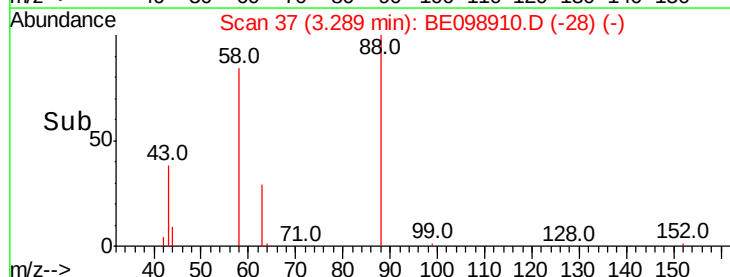
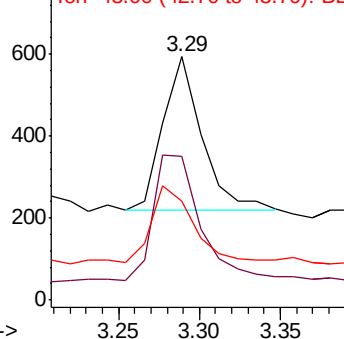
#2

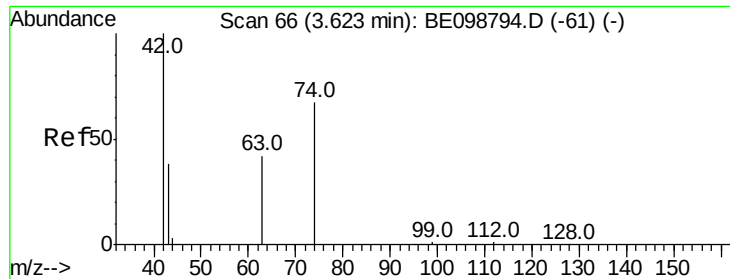
1,4-Dioxane
Concen: 0.394 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion: 88 Resp: 621
Ion Ratio Lower Upper
88 100
58 102.7 75.8 113.6
43 58.3 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





#3

n-Nitrosodimethylamine

Concen: 0.166 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.03 min

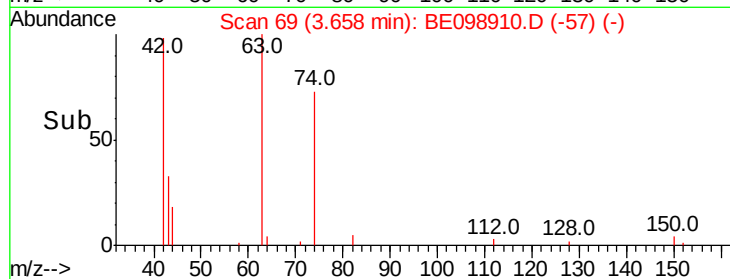
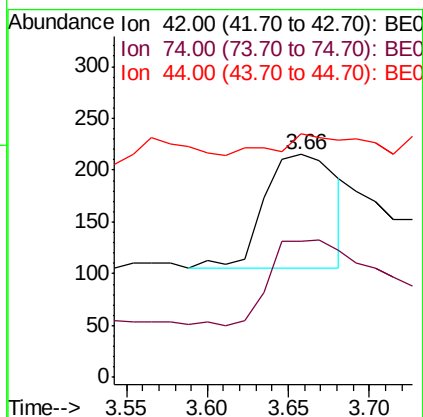
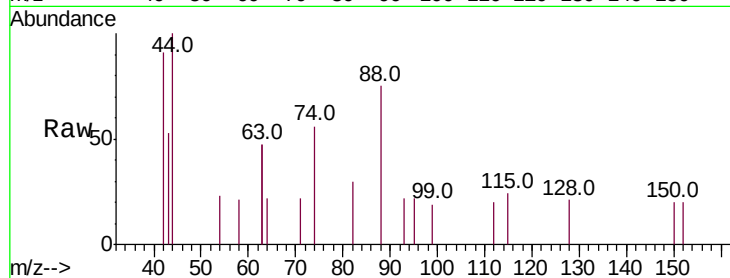
Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 337

Ion	Ratio	Lower	Upper
42	100		
74	73.0	57.0	85.4
44	14.8	0.0	0.0#



#4

2-Fluorophenol

Concen: 0.316 ng

RT: 5.40 min Scan# 220

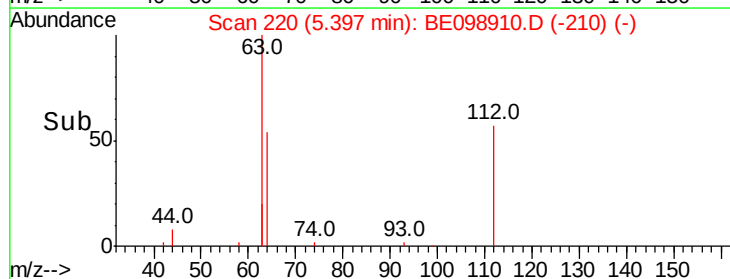
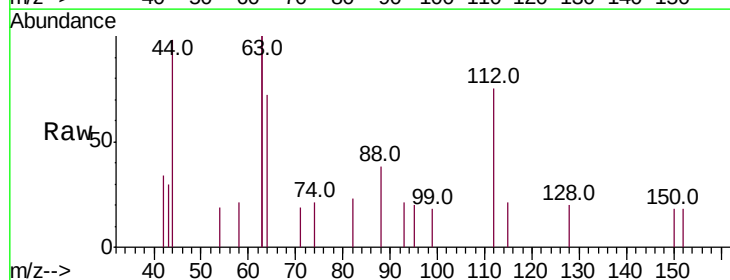
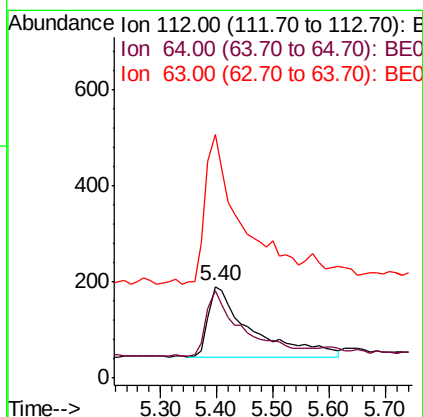
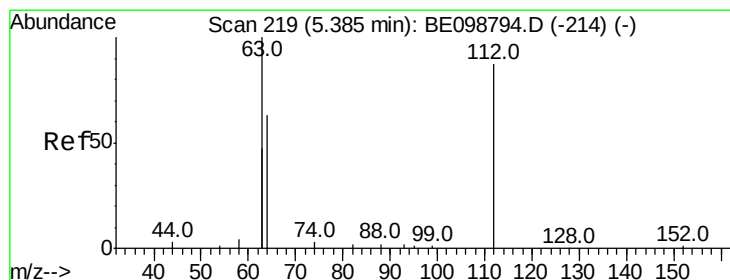
Delta R.T. 0.01 min

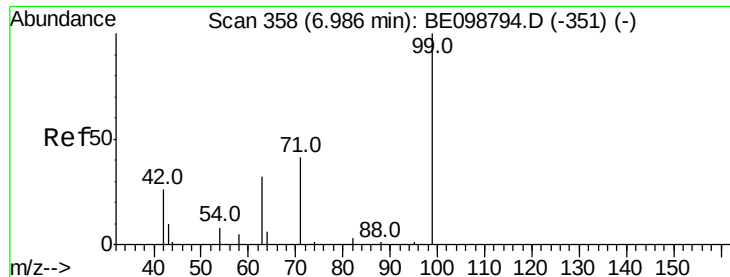
Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Tgt Ion: 112 Resp: 764

Ion	Ratio	Lower	Upper
112	100		
64	80.4	57.9	86.9
63	180.8	158.3	237.5





#5

Phenol-d6

Concen: 0.363 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

ClientSampleId :

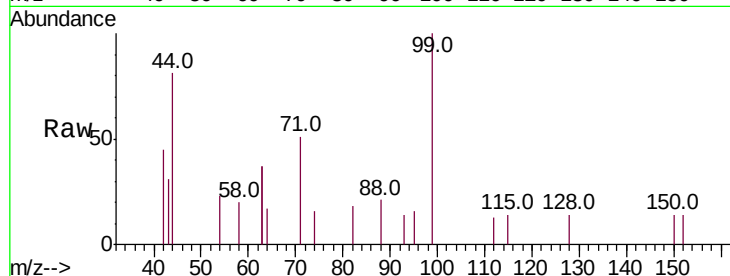
Tot Ion: 99 Resp: 1240

Ion Ratio Lower Upper

99 100

42 28.3 24.2 36.2

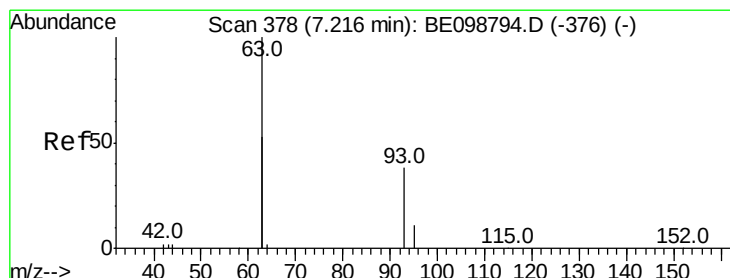
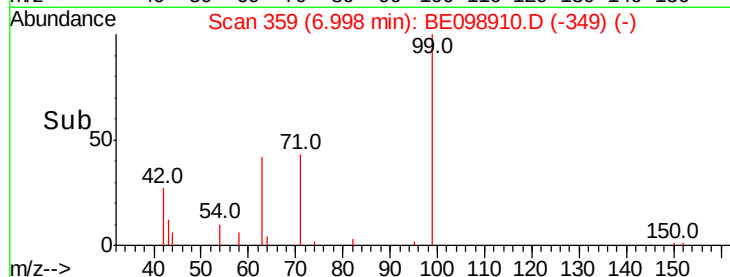
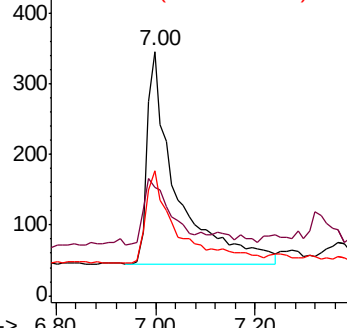
71 46.5 35.7 53.5



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: 0.275 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

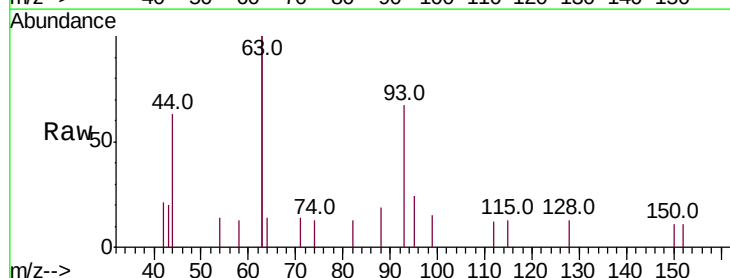
Tgt Ion: 93 Resp: 724

Ion Ratio Lower Upper

93 100

63 317.7 247.5 371.3

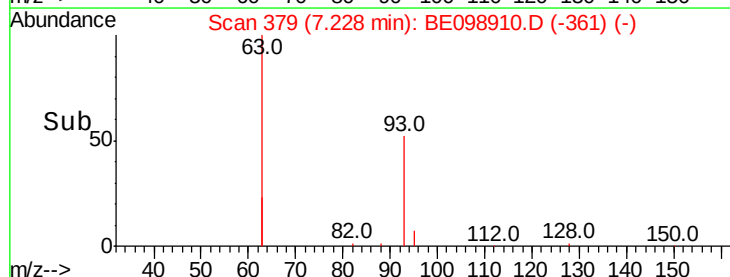
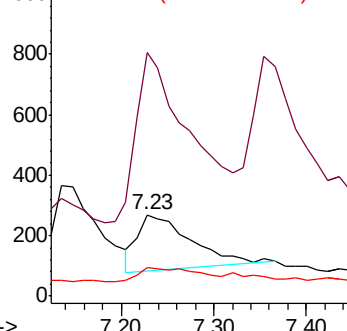
95 27.8 21.8 32.8

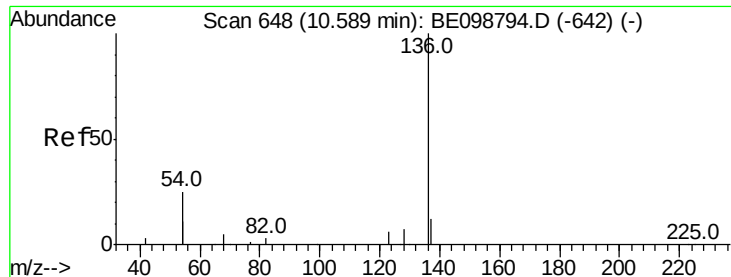


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3429

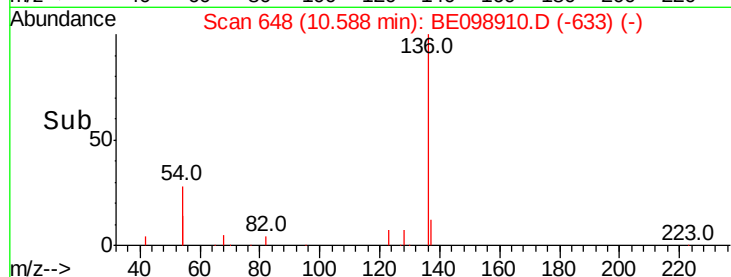
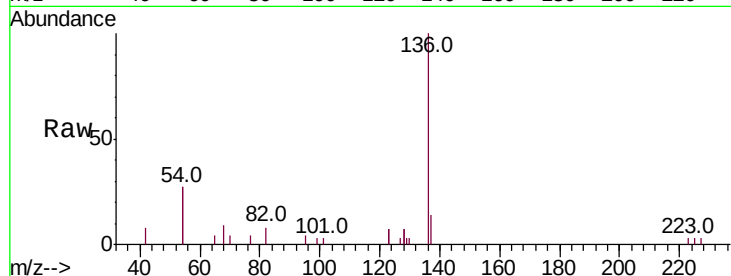
Ion Ratio Lower Upper

136 100

137 14.4 11.4 17.0

54 53.6 39.3 58.9

68 8.7 6.7 10.1

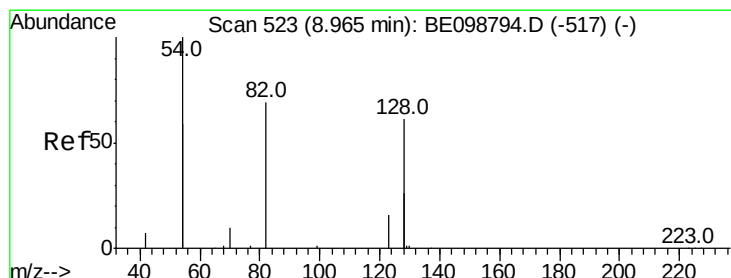
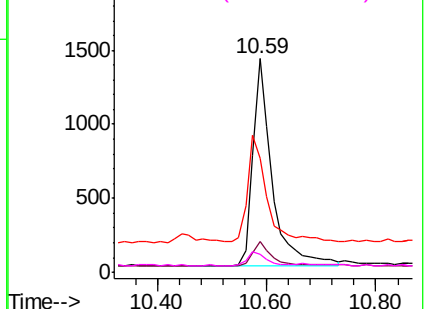


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.325 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

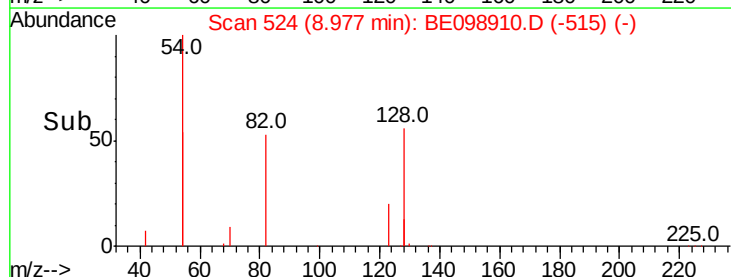
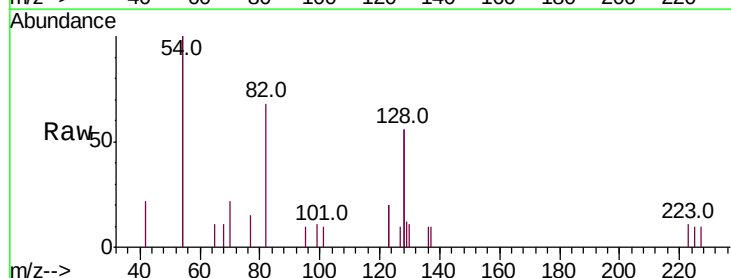
Tgt Ion: 82 Resp: 1168

Ion Ratio Lower Upper

82 100

128 165.9 123.8 185.8

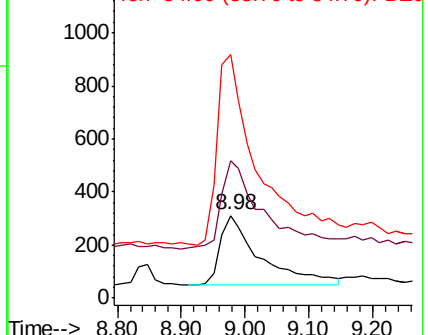
54 295.2 203.4 305.2

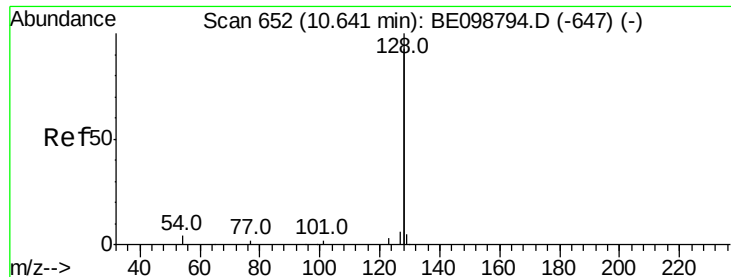


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.386 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

ClientSampleId :

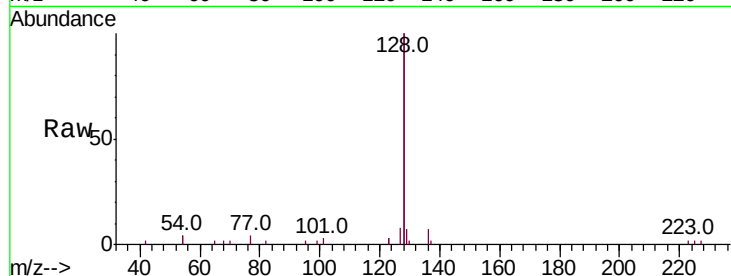
Tot Ion:128 Resp: 15149

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

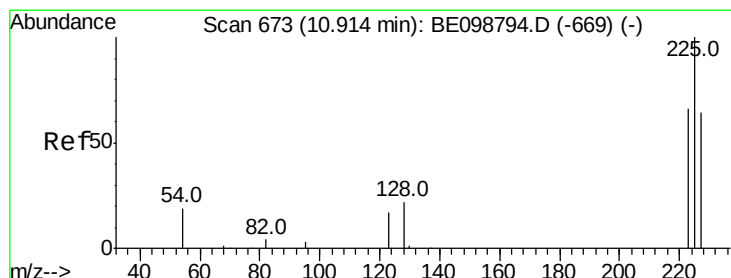
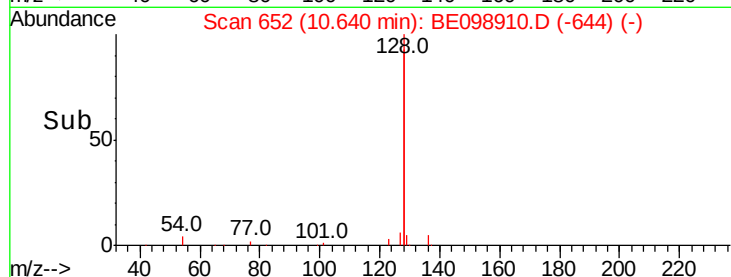
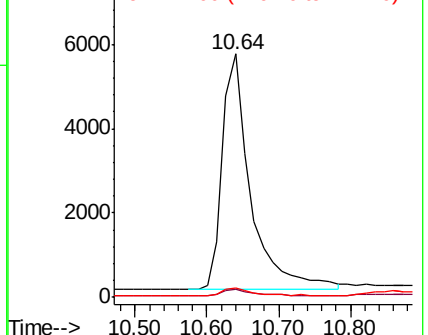
127 4.0 3.1 4.7



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: 0.389 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

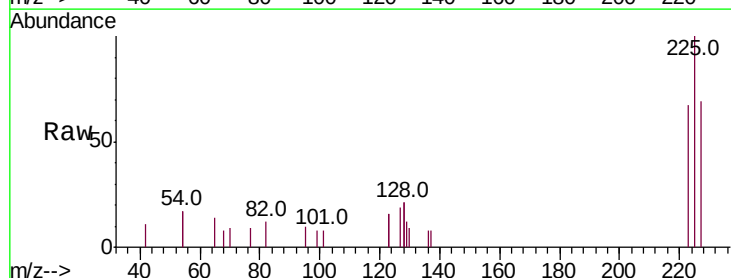
Tgt Ion:225 Resp: 1010

Ion Ratio Lower Upper

225 100

223 65.0 51.1 76.7

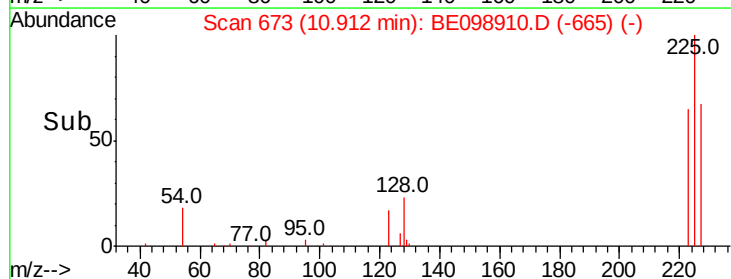
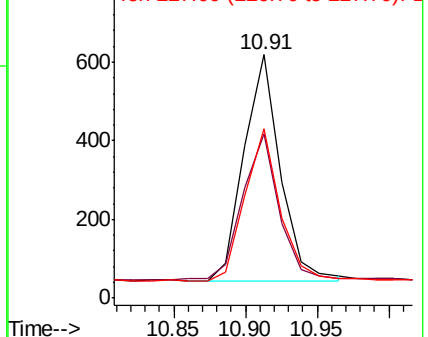
227 64.9 51.6 77.4

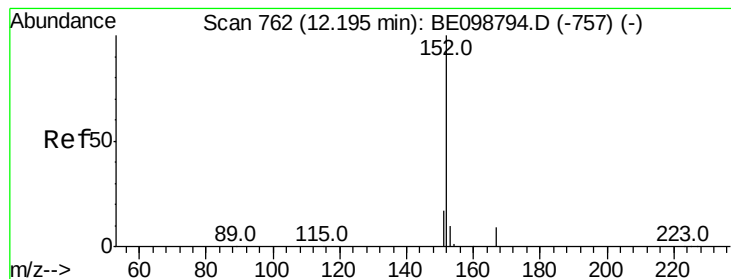


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

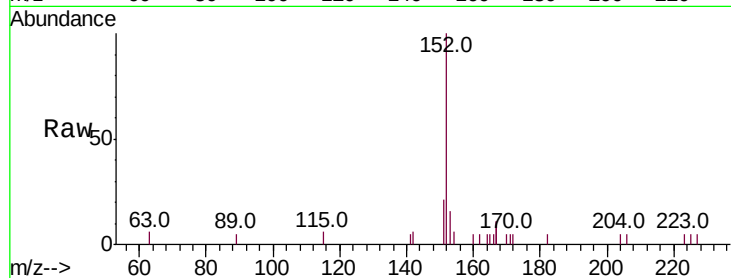
ClientSampled :

Tot Ion:152 Resp: 2431

Ion Ratio Lower Upper

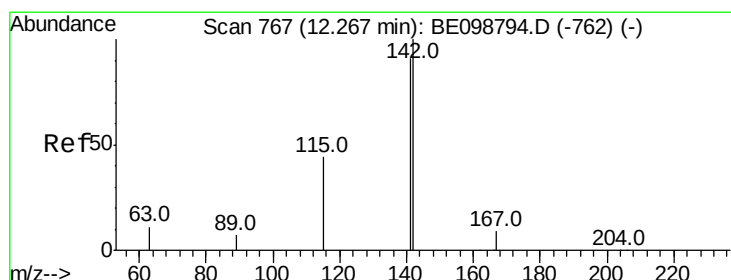
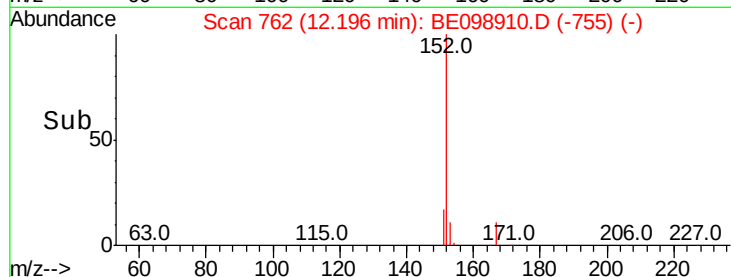
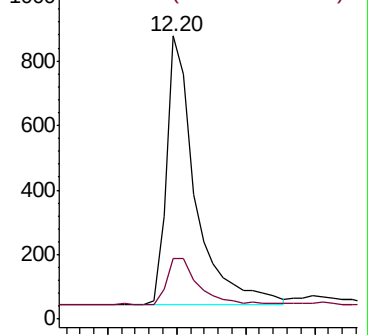
152 100

151 20.3 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: 0.370 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

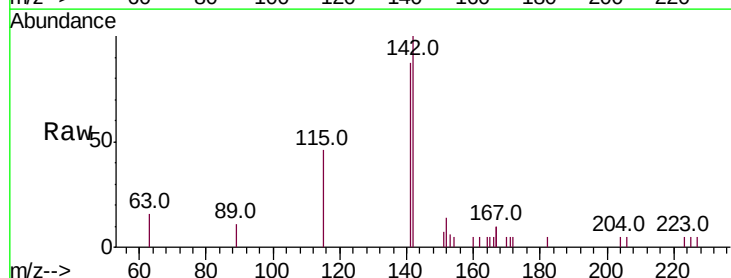
Tgt Ion:142 Resp: 2355

Ion Ratio Lower Upper

142 100

141 87.0 72.6 108.8

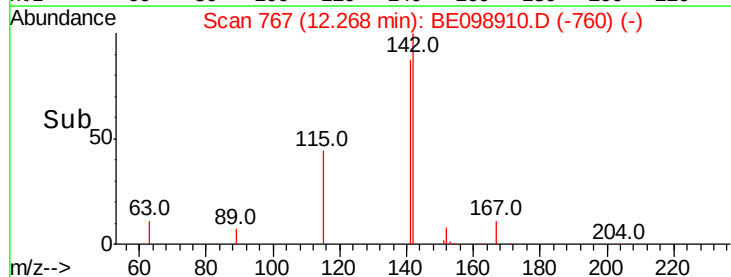
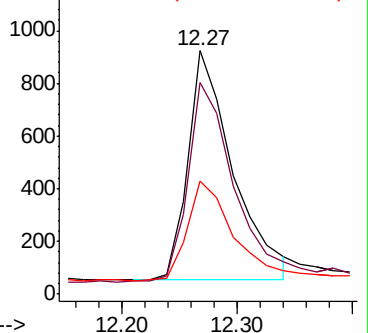
115 46.4 37.4 56.2

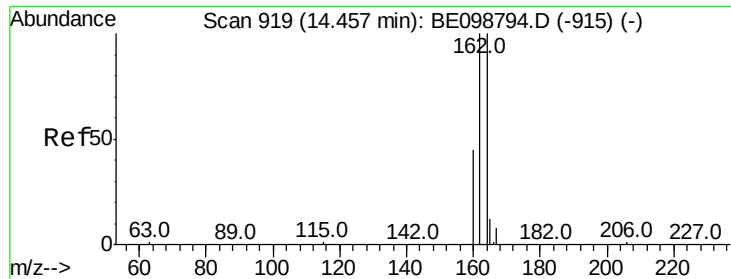


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

ClientSampleId :

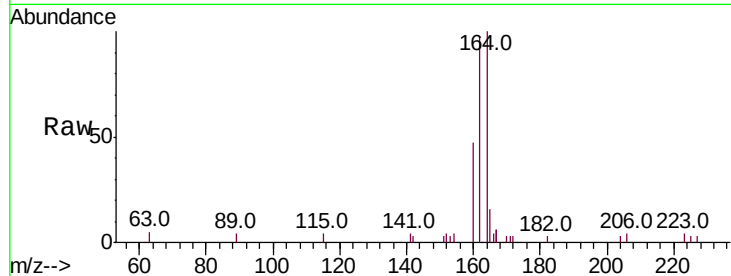
Tot Ion:164 Resp: 2340

Ion Ratio Lower Upper

164 100

162 97.3 80.2 120.2

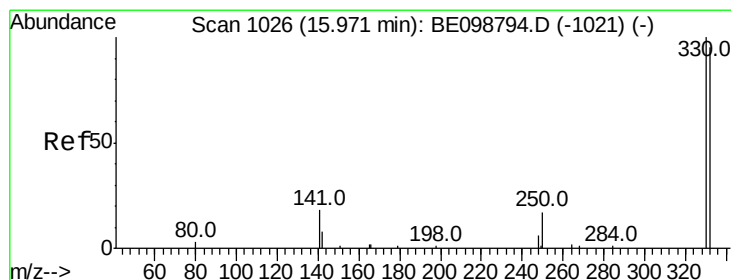
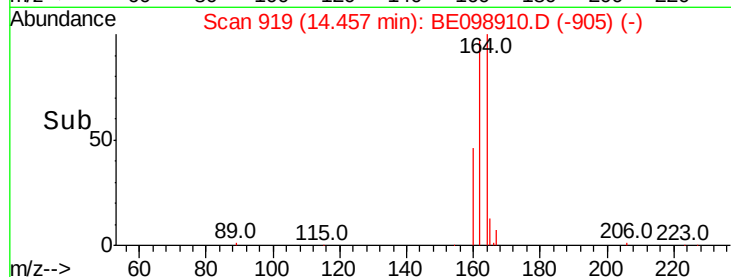
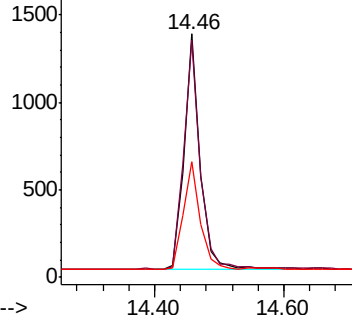
160 47.5 37.8 56.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.295 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

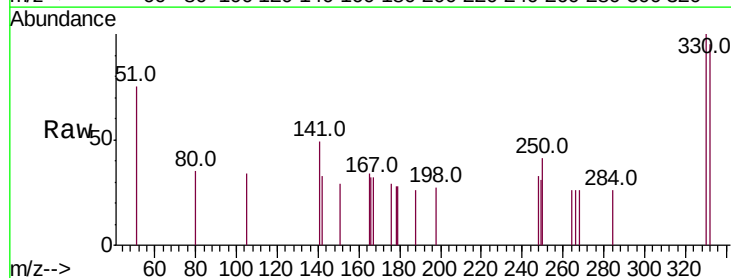
Tgt Ion:330 Resp: 348

Ion Ratio Lower Upper

330 100

332 92.0 77.6 116.4

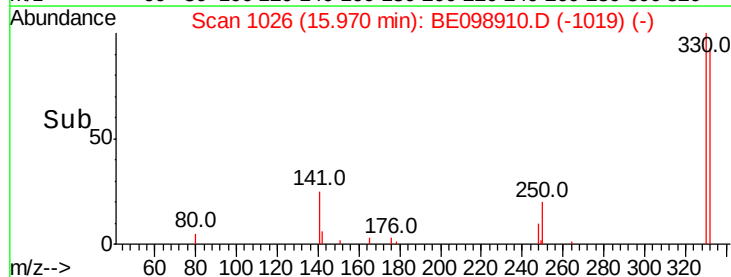
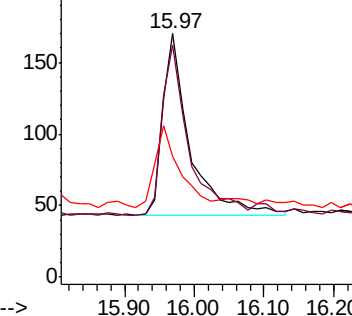
141 41.4 31.0 46.4

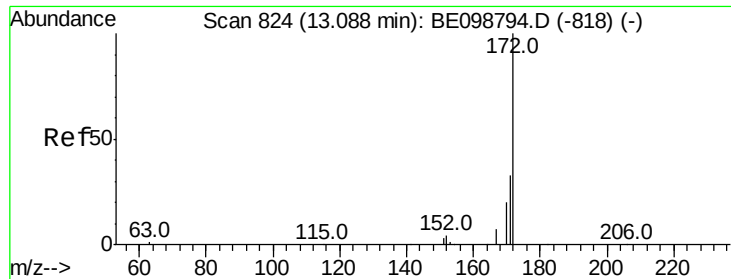


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

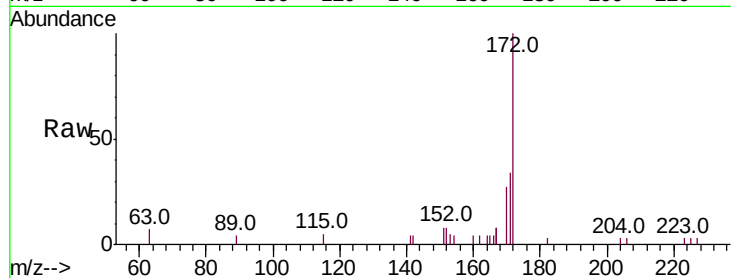




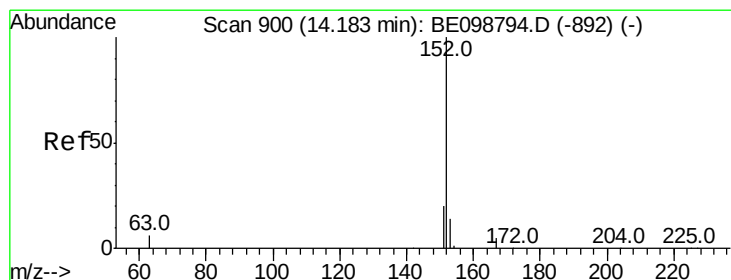
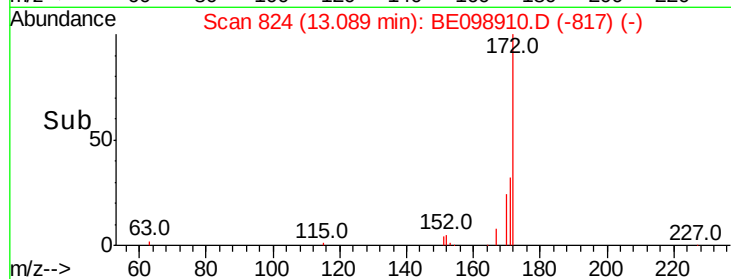
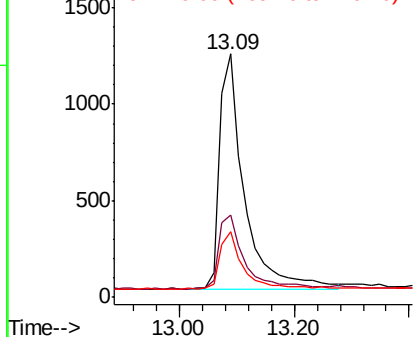
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3605
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 27.0 17.7 26.5#

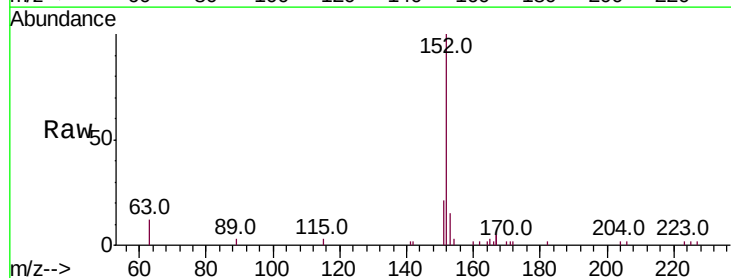


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

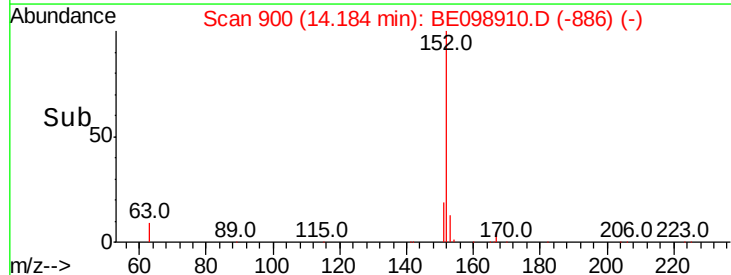
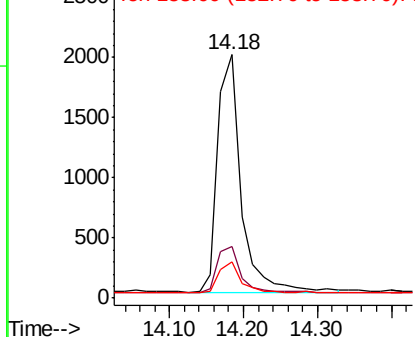


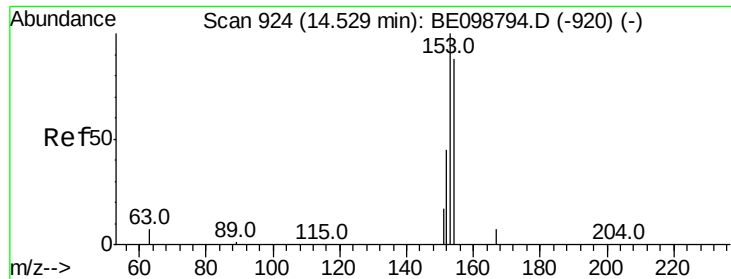
#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:152 Resp: 4367
Ion Ratio Lower Upper
152 100
151 19.7 17.0 25.6
153 13.0 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

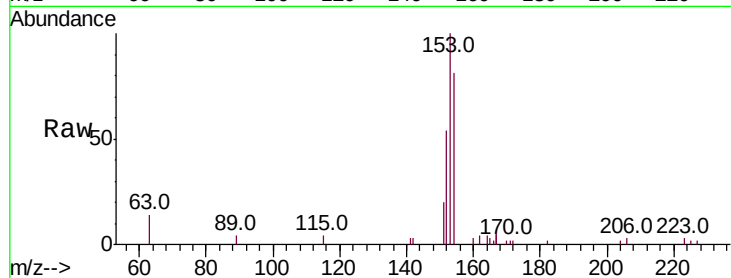




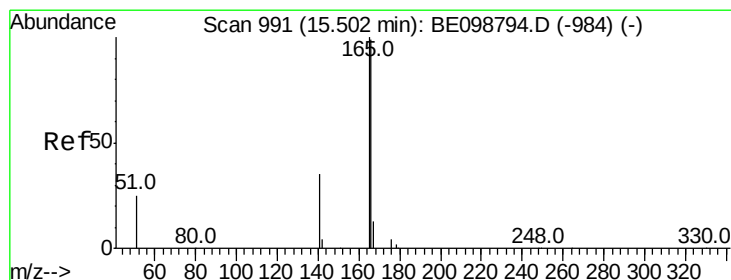
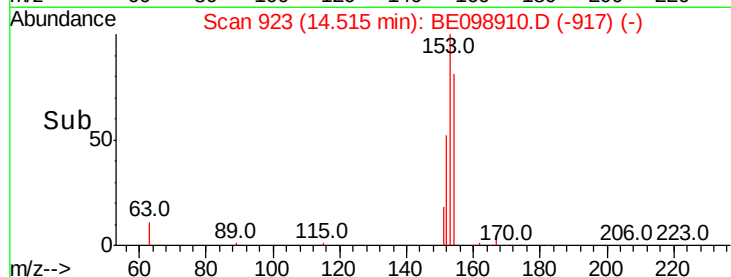
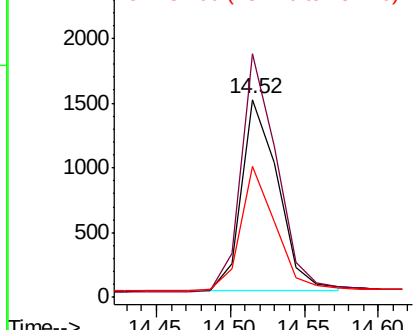
#17
Acenaphthene
Concen: 0.359 ng
RT: 14.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 2560
Ion Ratio Lower Upper
154 100
153 121.4 94.2 141.4
152 61.9 45.0 67.4

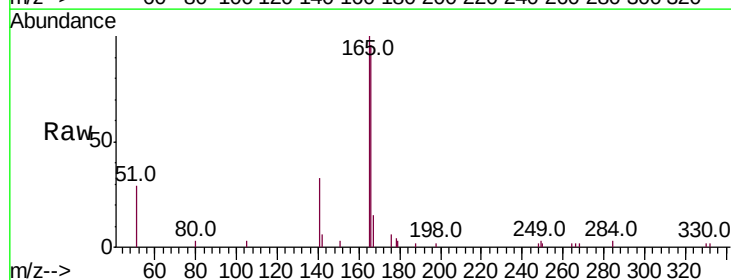


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

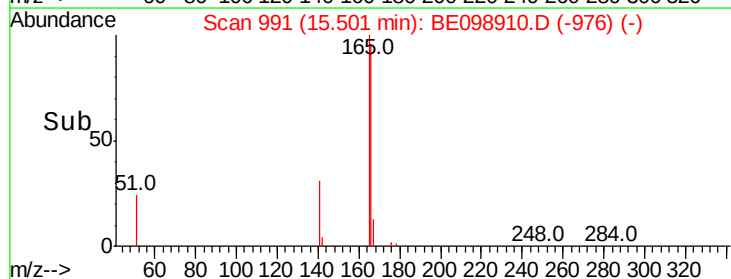
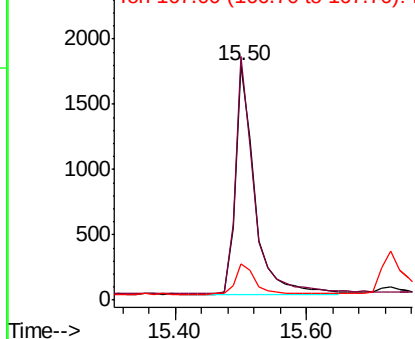


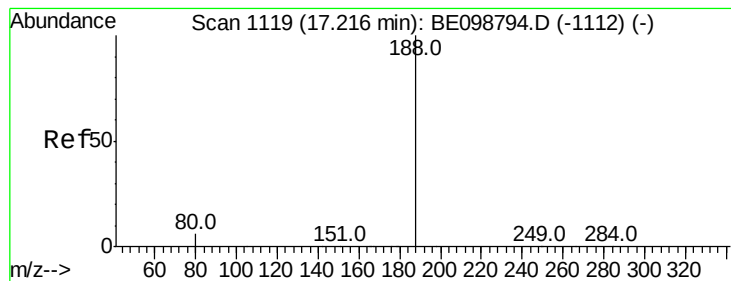
#18
Fluorene
Concen: 0.351 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:166 Resp: 3618
Ion Ratio Lower Upper
166 100
165 100.6 79.3 118.9
167 13.5 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: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

ClientSampleId :

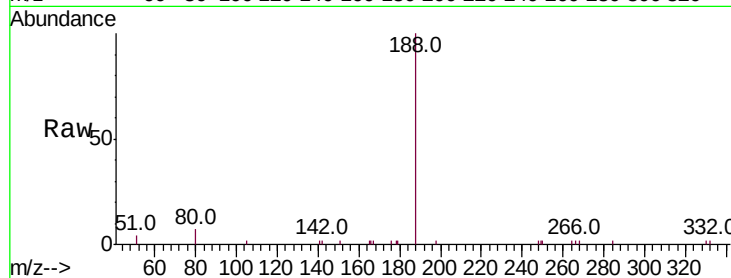
Tot Ion:188 Resp: 6042

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

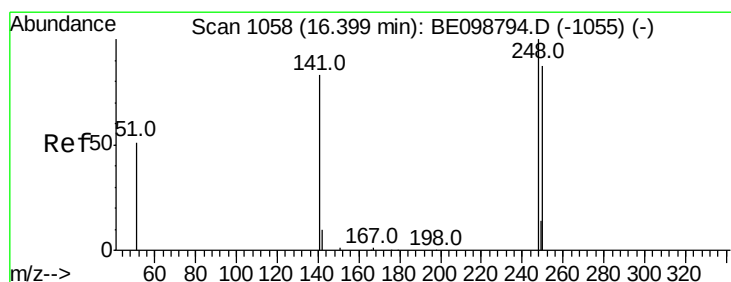
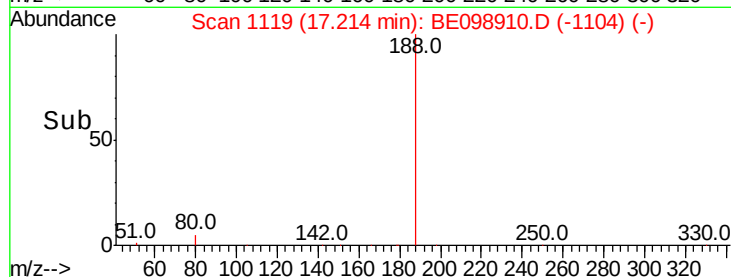
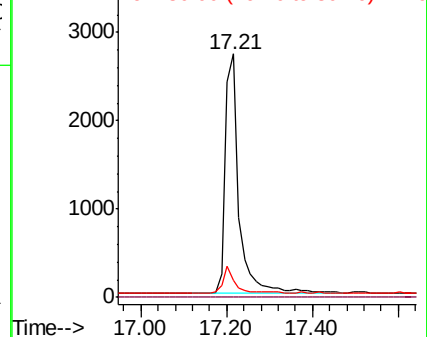
80 7.1 6.3 9.5



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: 0.320 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

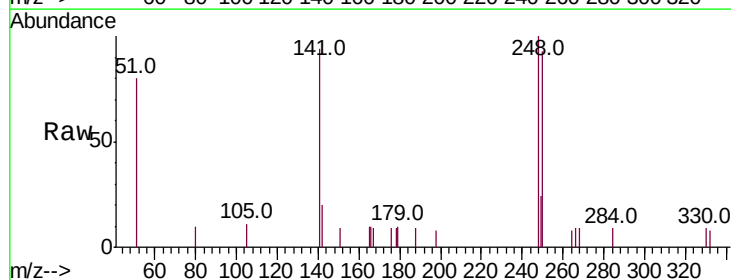
Tgt Ion:248 Resp: 1048

Ion Ratio Lower Upper

248 100

250 92.5 70.6 105.8

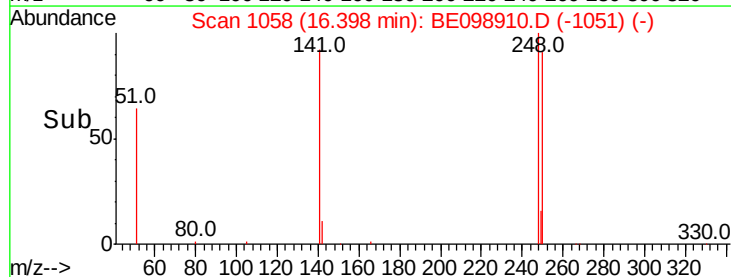
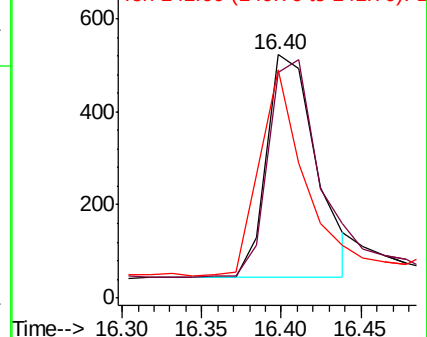
141 93.9 68.6 102.8

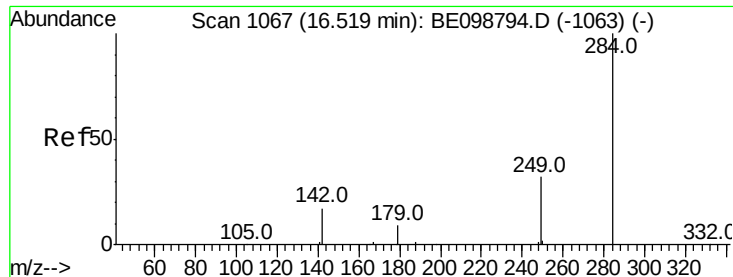


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.378 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

ClientSampled :

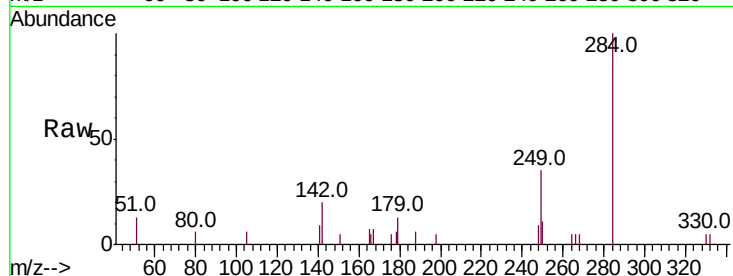
Tot Ion:284 Resp: 1470

Ion Ratio Lower Upper

284 100

142 34.8 28.7 43.1

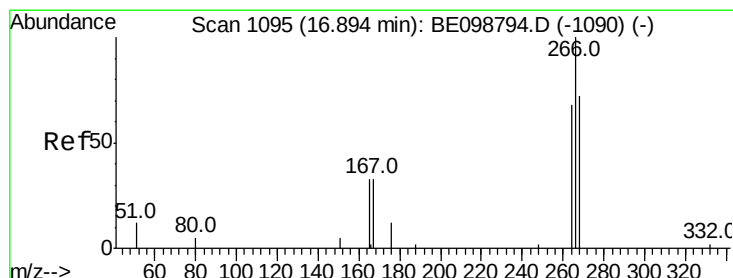
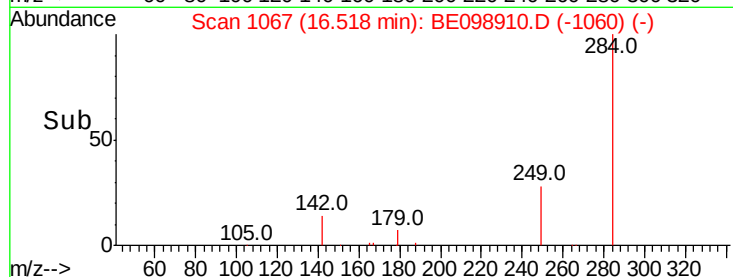
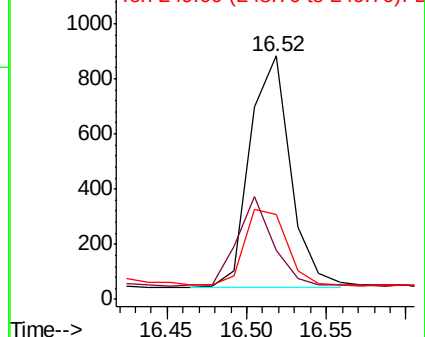
249 33.5 29.6 44.4



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: 0.394 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

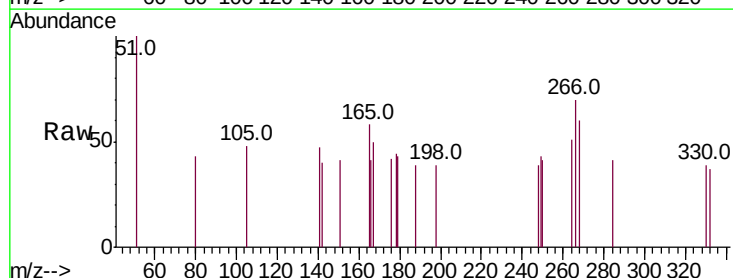
Tgt Ion:266 Resp: 172

Ion Ratio Lower Upper

266 100

264 73.8 66.6 100.0

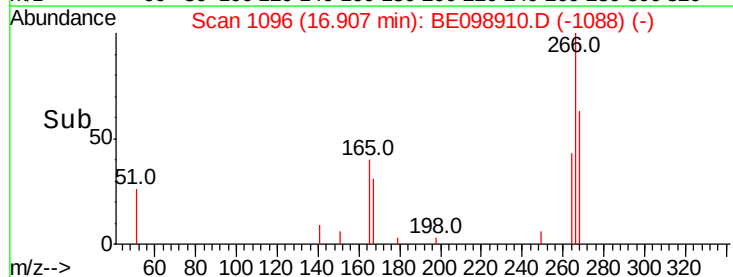
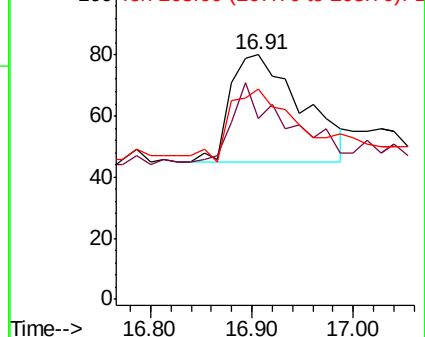
268 86.3 69.8 104.8

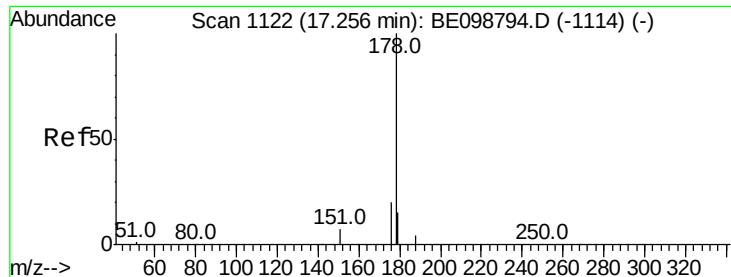


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

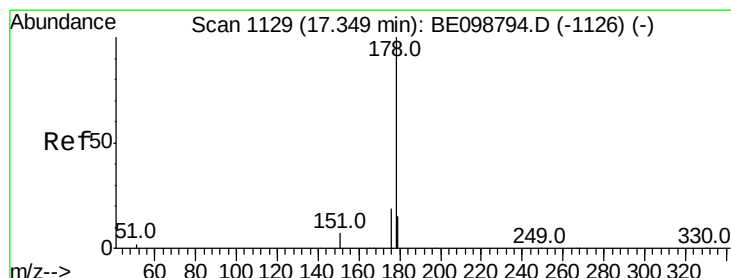
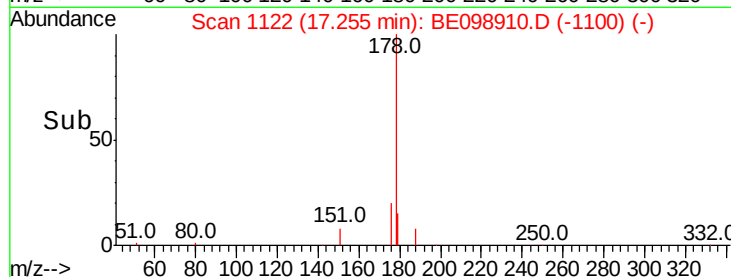
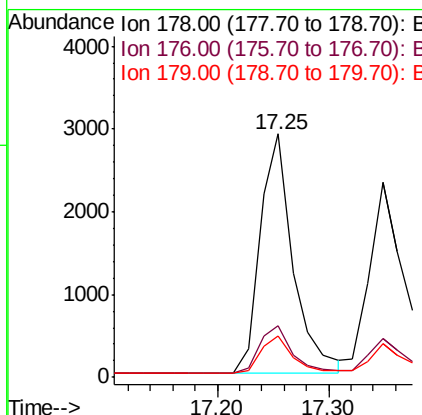
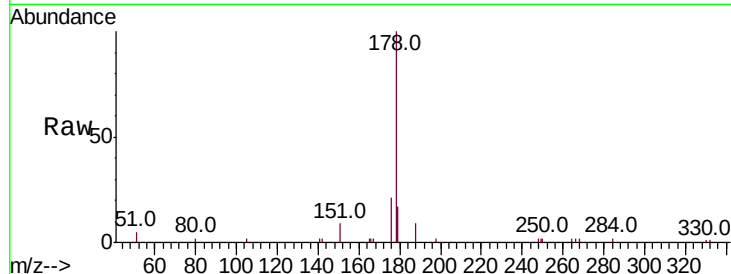




#23
Phenanthrene
Concen: 0.348 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

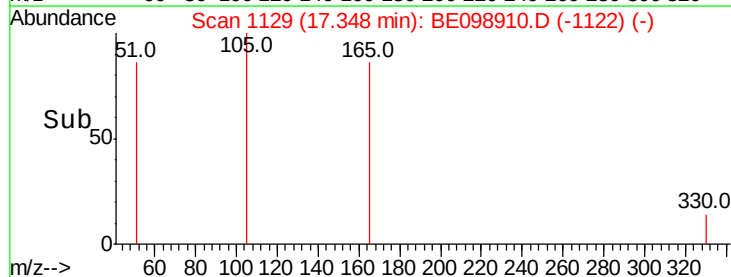
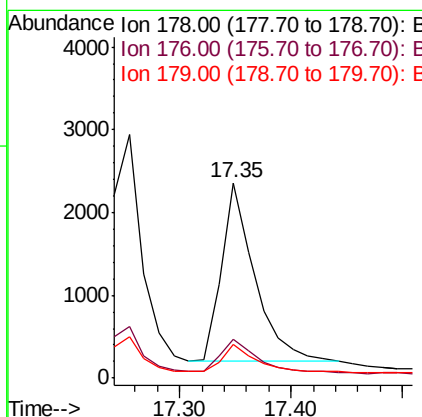
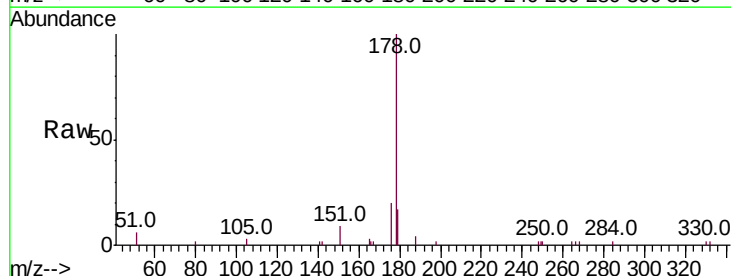
Instrument :
BNA_E
ClientSampleId :

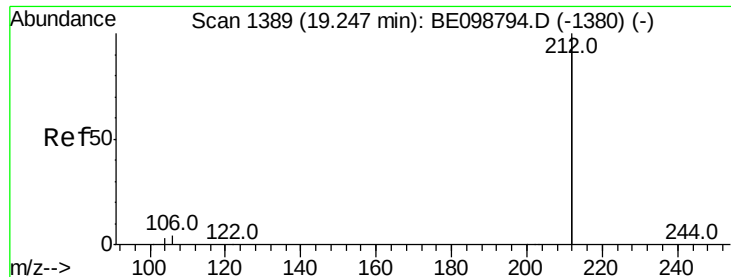
Tot Ion:178 Resp: 5982
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.3 12.1 18.1



#24
Anthracene
Concen: 0.304 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:178 Resp: 4469
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 14.9 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

ClientSampleId :

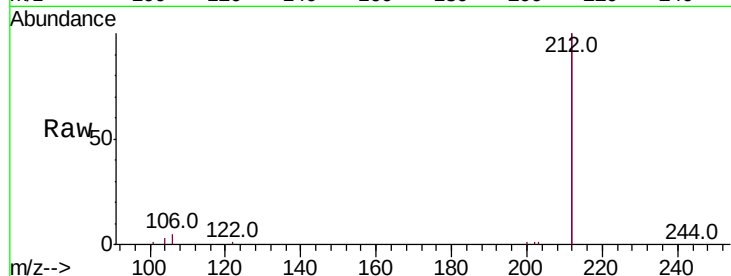
Tot Ion:212 Resp: 31960

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

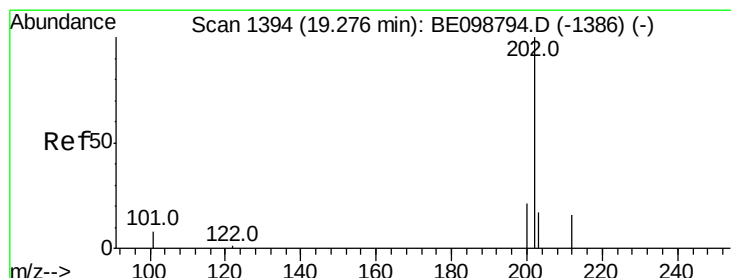
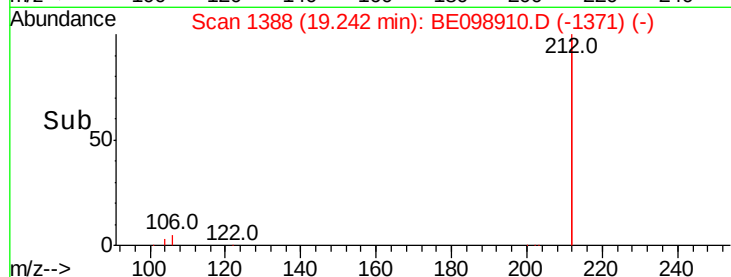
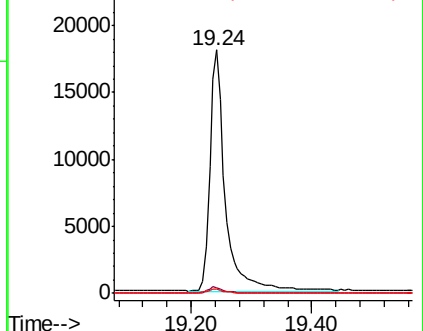
104 1.3 1.0 1.6



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: 0.330 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

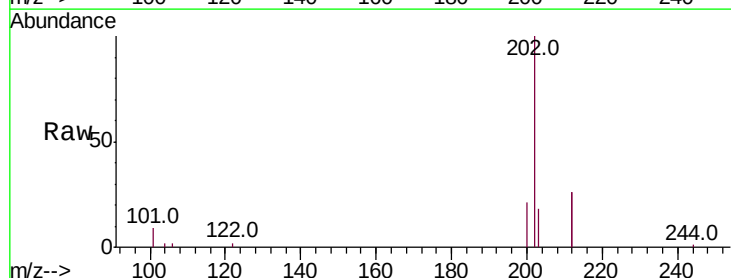
Tgt Ion:202 Resp: 7995

Ion Ratio Lower Upper

202 100

101 8.9 7.3 10.9

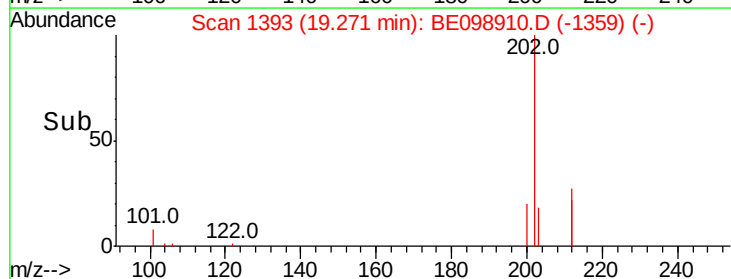
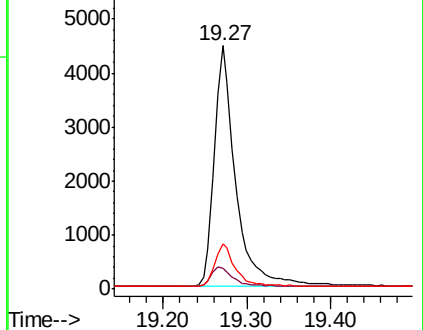
203 16.6 13.4 20.2

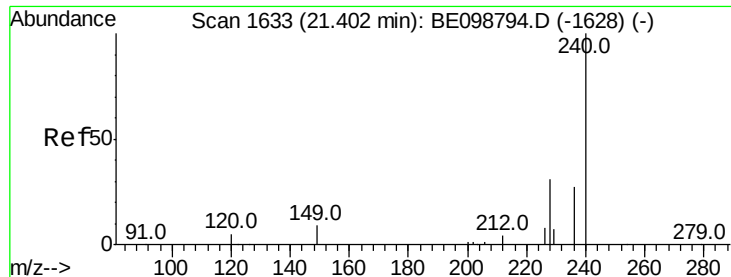


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

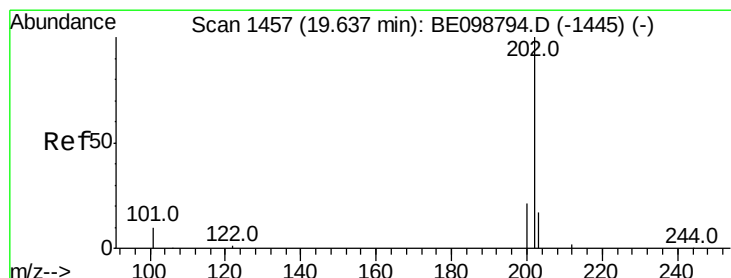
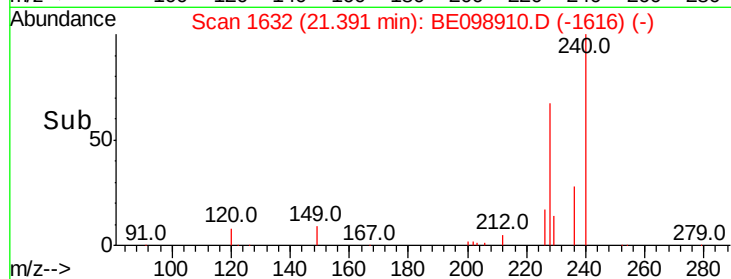
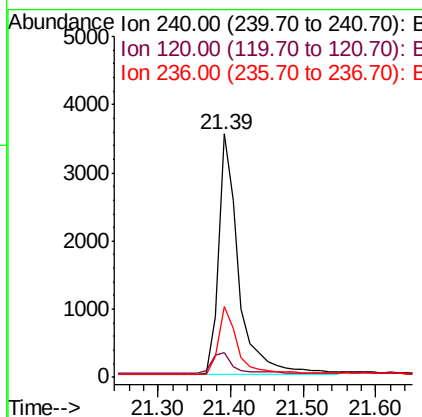
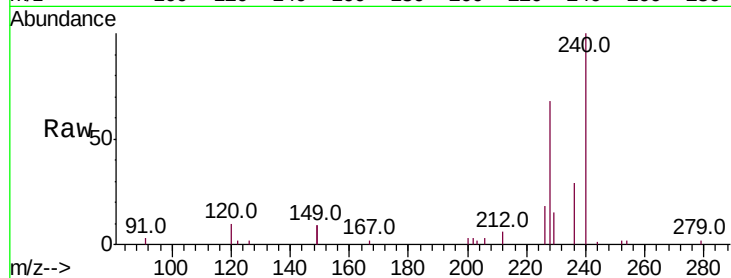




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

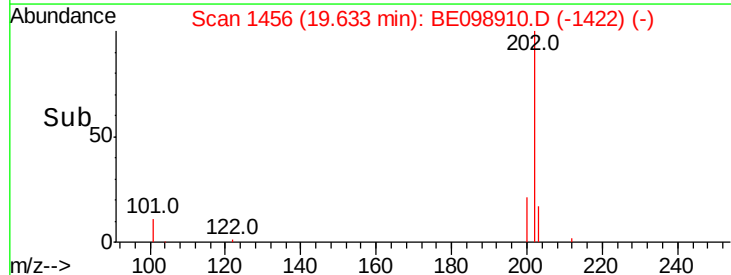
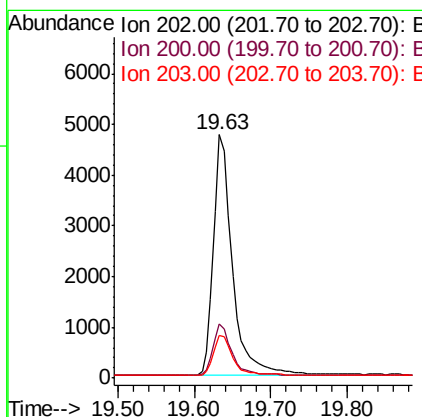
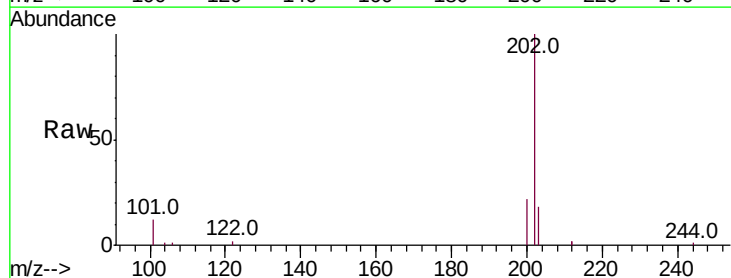
Instrument :
BNA_E
ClientSampleId :

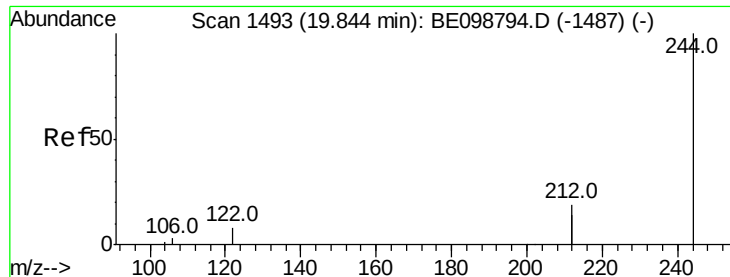
Tot Ion:240 Resp: 6788
Ion Ratio Lower Upper
240 100
120 9.9 5.0 7.4#
236 29.3 22.7 34.1



#28
Pyrene
Concen: 0.398 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:202 Resp: 8263
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

ClientSampleId :

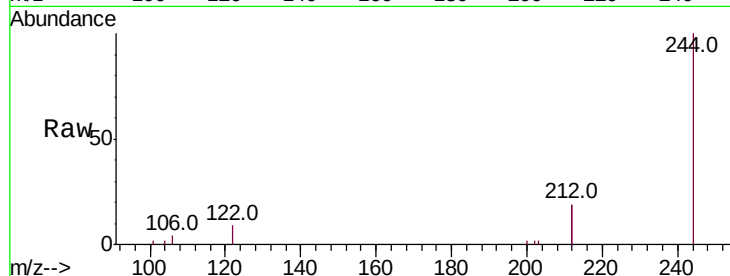
Tot Ion:244 Resp: 6340

Ion Ratio Lower Upper

244 100

212 37.6 29.4 44.2

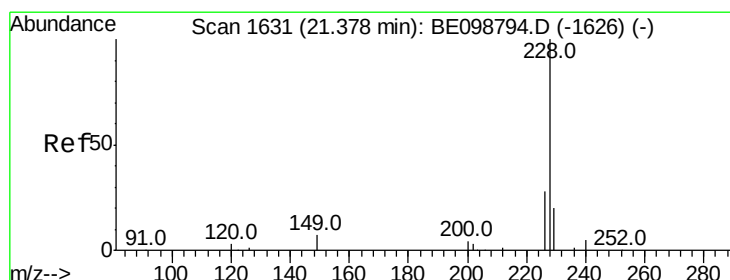
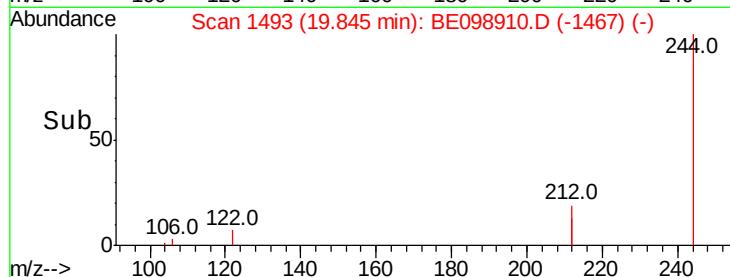
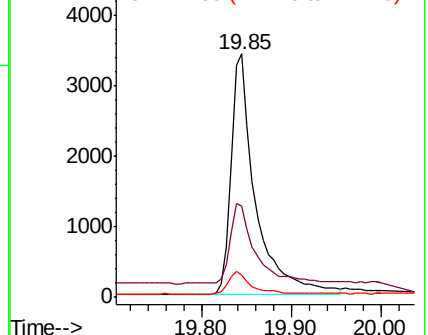
122 8.9 7.1 10.7



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: 0.331 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

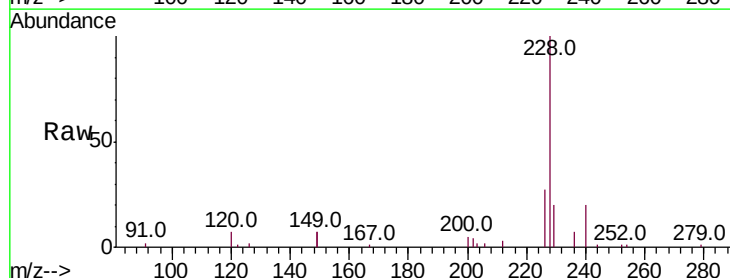
Tgt Ion:228 Resp: 7008

Ion Ratio Lower Upper

228 100

226 27.4 23.0 34.4

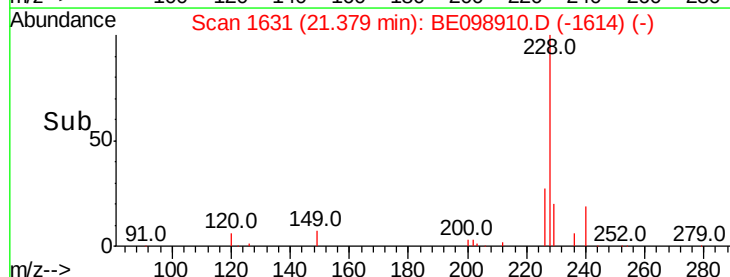
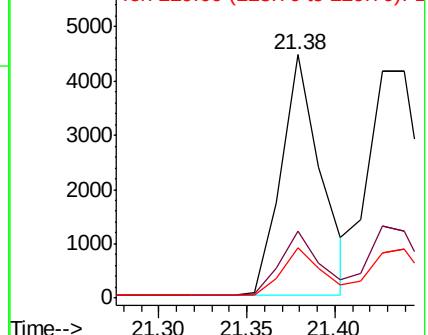
229 20.4 16.5 24.7

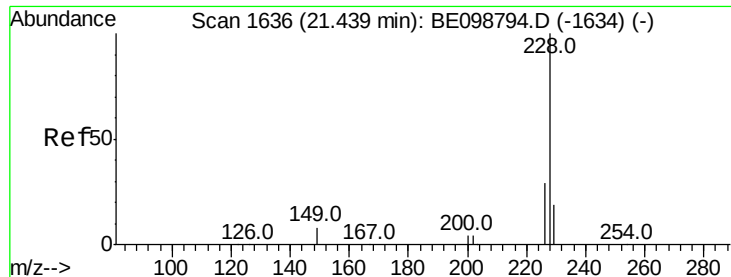


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.398 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

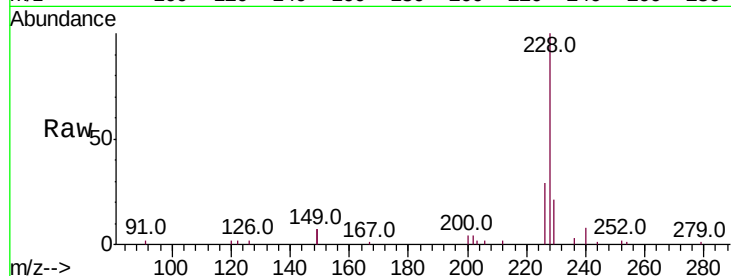
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 9012

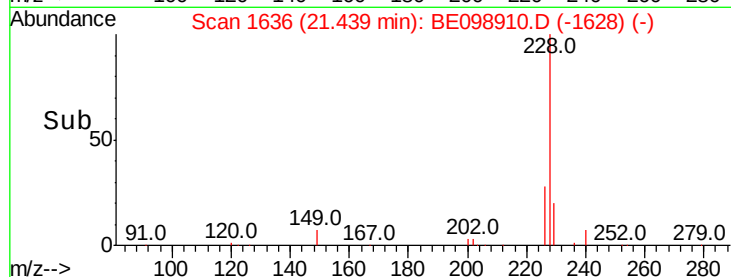
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	21.3	16.1	24.1



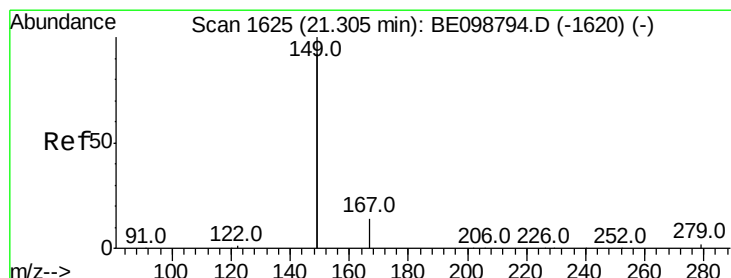
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.288 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

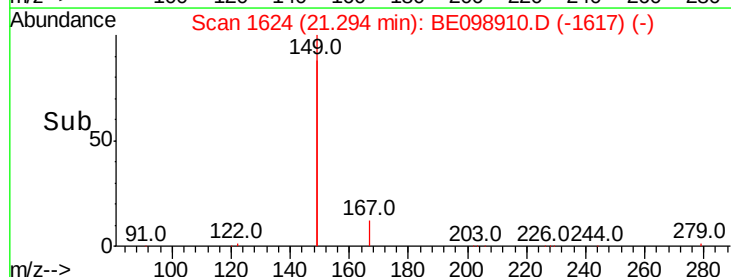
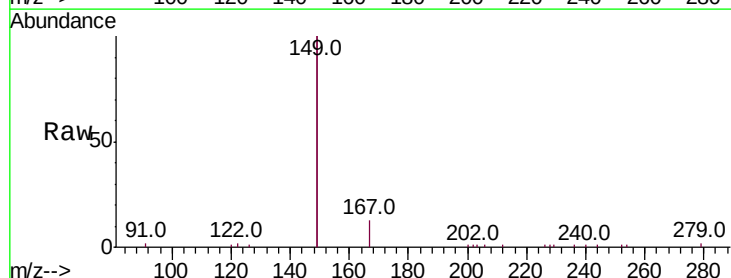
Tgt Ion:149 Resp: 12967

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.4	1.0	1.4

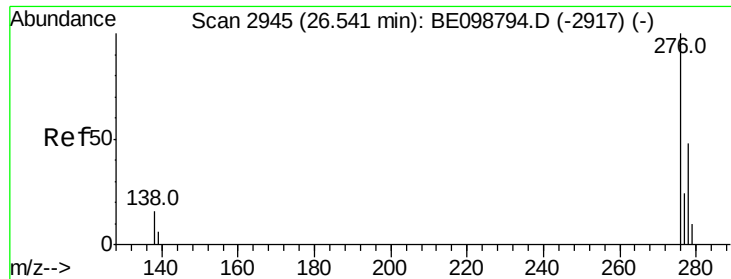
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



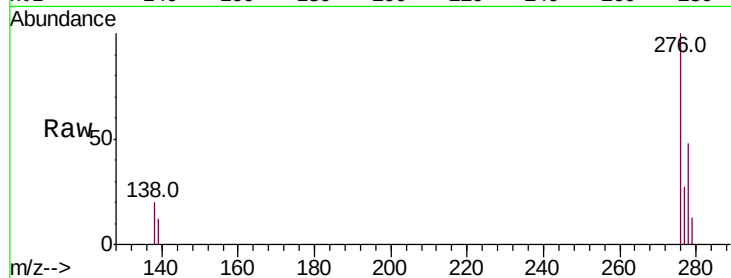
Time-->



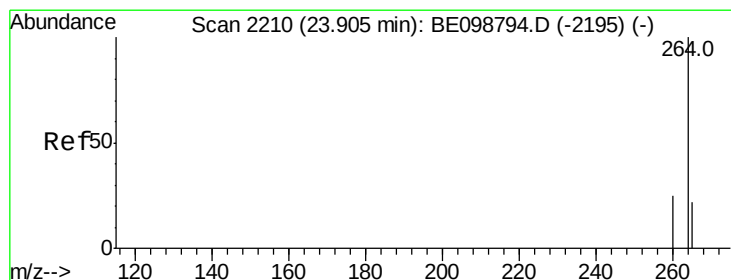
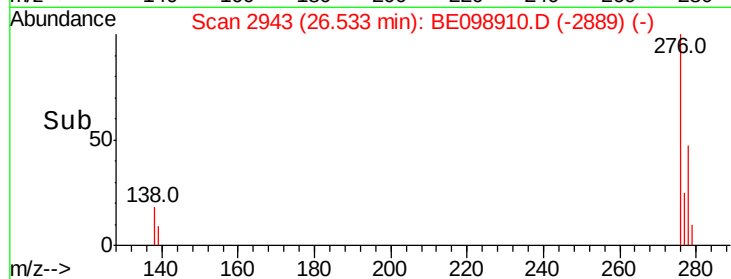
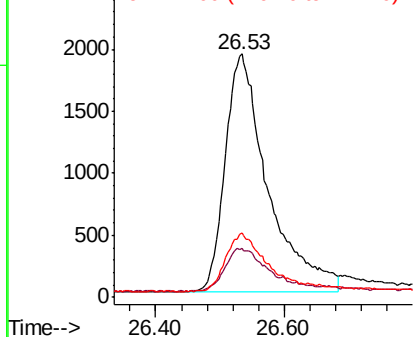
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.369 ng
 RT: 26.53 min Scan# 2943
 Delta R.T. -0.01 min
 Lab File: BE098910.D
 Acq: 13 Mar 2019 14:04

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 8831
 Ion Ratio Lower Upper
 276 100
 138 18.7 13.8 20.8
 277 23.1 19.5 29.3

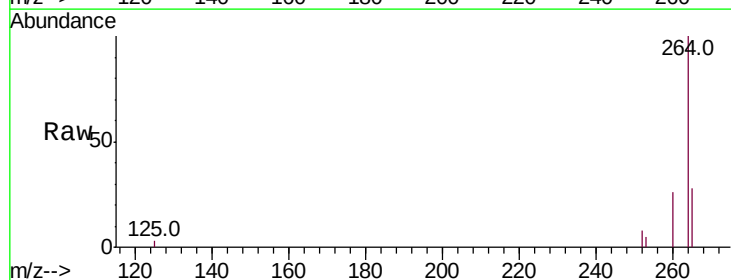


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

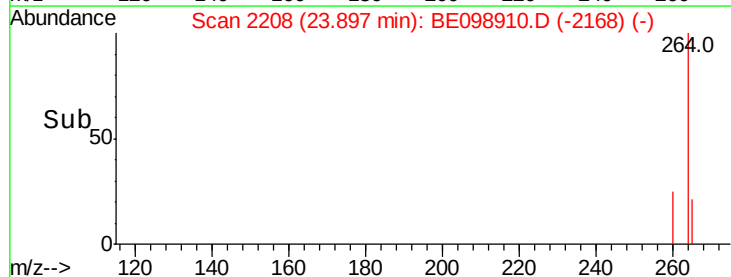
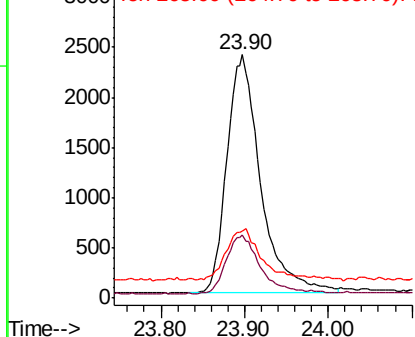


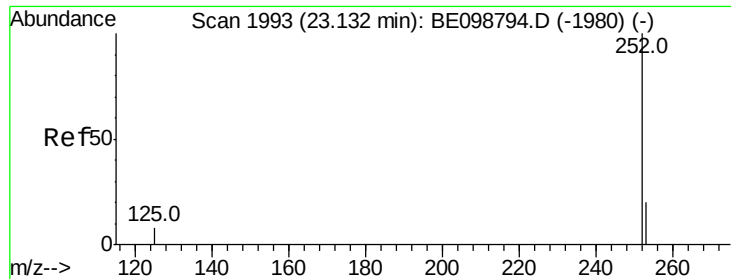
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098910.D
 Acq: 13 Mar 2019 14:04

Tgt Ion:264 Resp: 6678
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.2 31.8
 265 27.6 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: 0.385 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.05 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

ClientSampleId :

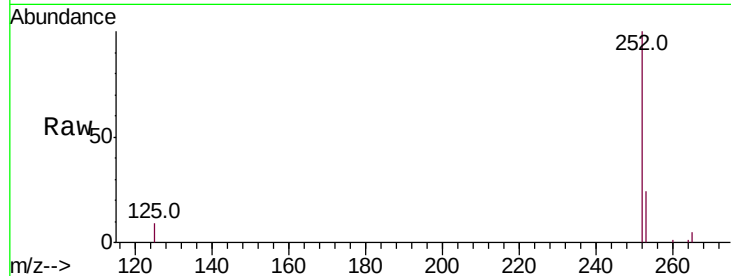
Tot Ion:252 Resp: 8451

Ion Ratio Lower Upper

252 100

253 24.4 18.2 27.2

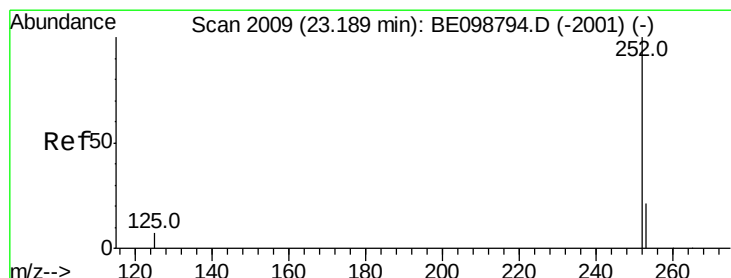
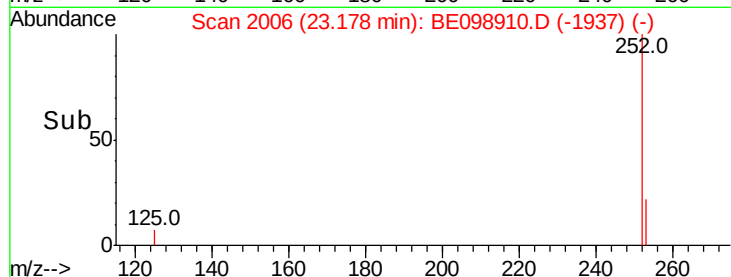
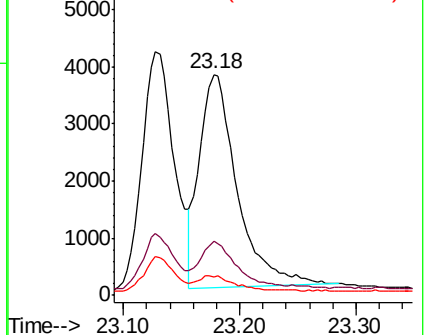
125 8.6 7.3 10.9



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: 0.368 ng

RT: 23.18 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

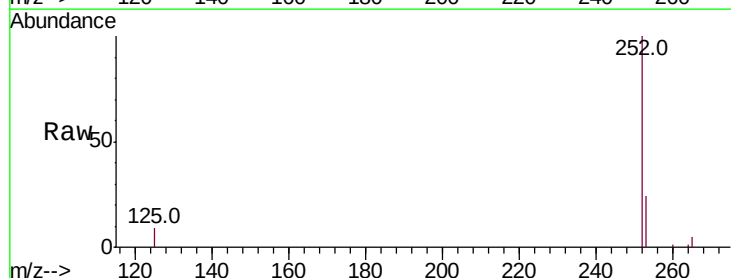
Tgt Ion:252 Resp: 8451

Ion Ratio Lower Upper

252 100

253 24.4 19.3 28.9

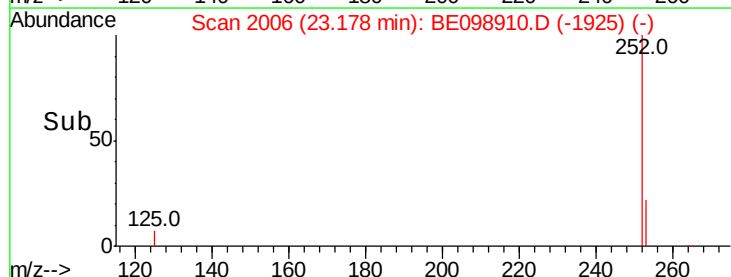
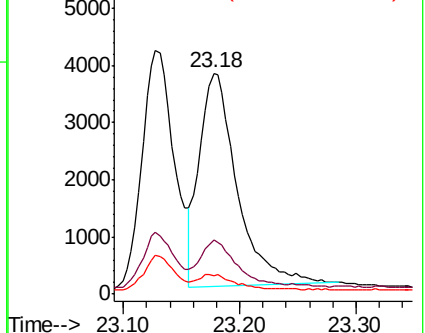
125 8.6 7.5 11.3

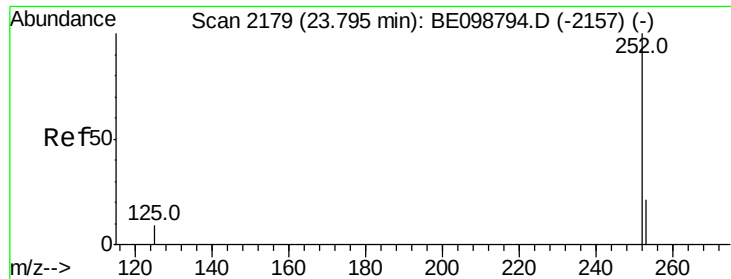


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.382 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

ClientSampleId :

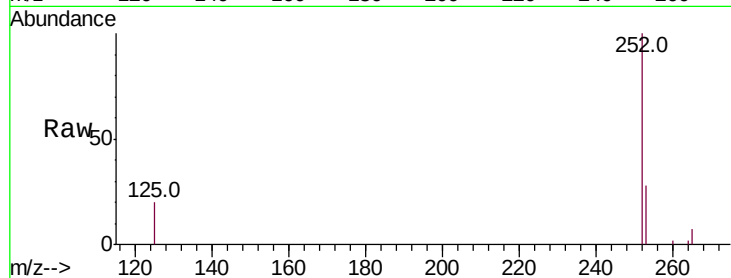
Tot Ion:252 Resp: 8037

Ion Ratio Lower Upper

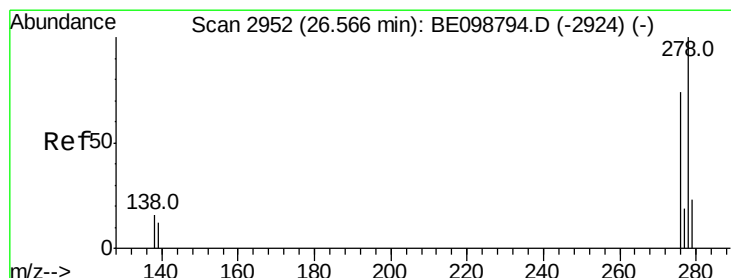
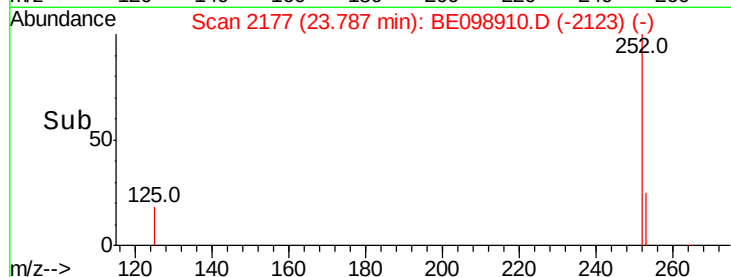
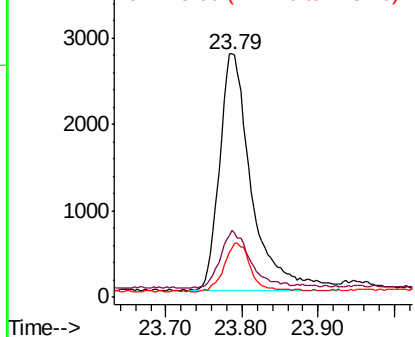
252 100

253 27.7 19.9 29.9

125 20.2 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: 0.330 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

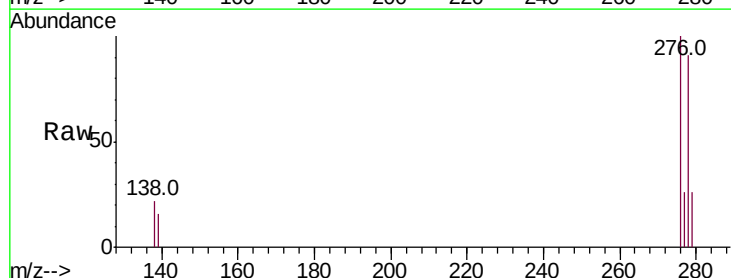
Tgt Ion:278 Resp: 6578

Ion Ratio Lower Upper

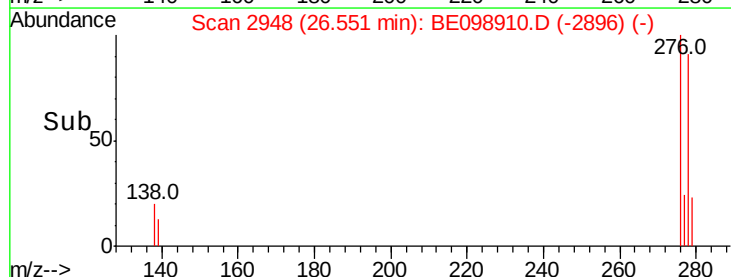
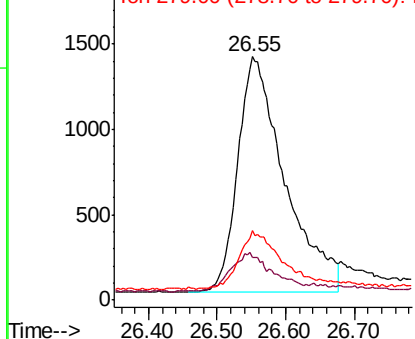
278 100

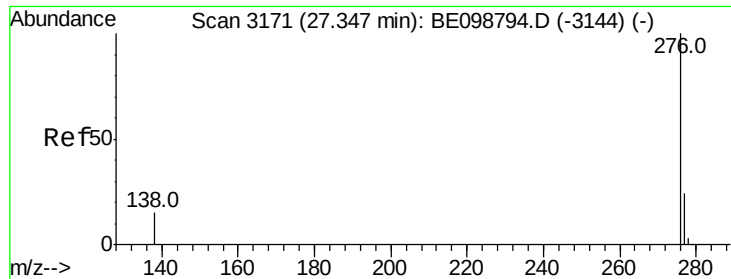
139 17.5 11.8 17.6

279 28.7 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: 0.371 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.02 min

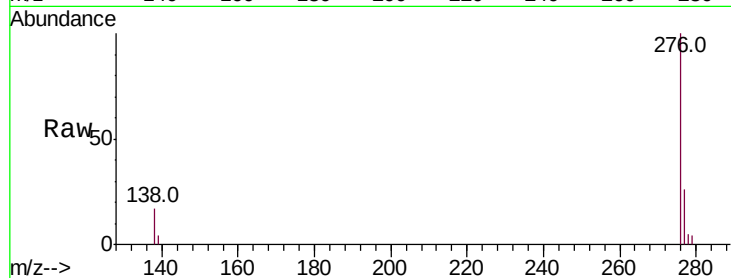
Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 7723

Ion Ratio Lower Upper

276 100

277 25.9 20.4 30.6

138 17.1 13.6 20.4

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

