

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098925.D
 Acq On : 14 Mar 2019 00:37
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:57:14 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	934	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4150	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2811	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	7111	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	8127	0.40	ng	-0.01
34) Perylene-d12	23.89	264	8151	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	911	0.33	ng	0.01
5) Phenol-d6	6.99	99	1465	0.37	ng	0.00
8) Nitrobenzene-d5	8.98	82	1471	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2914	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	463	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4355	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	37932	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	7686	0.39	ng	0.00

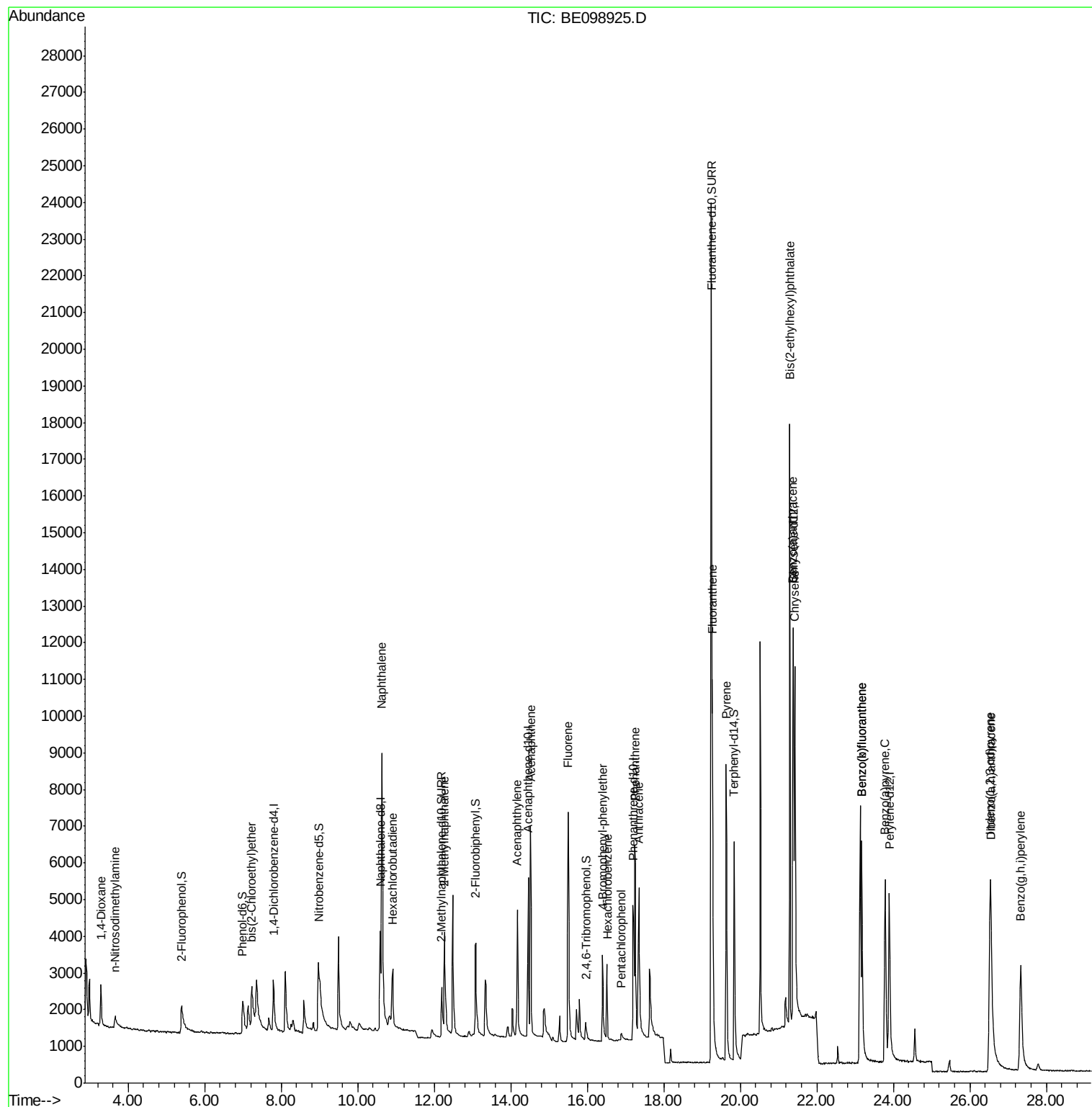
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	863	0.496	ng	93
3) n-Nitrosodimethylamine	3.65	42	446	0.190	ng	# 83
6) bis(2-Chloroethyl)ether	7.23	93	1052	0.346	ng	82
9) Naphthalene	10.63	128	18487	0.389	ng	100
10) Hexachlorobutadiene	10.91	225	1165	0.370	ng	97
12) 2-Methylnaphthalene	12.27	142	2844	0.369	ng	98
16) Acenaphthylene	14.17	152	5307	0.367	ng	97
17) Acenaphthene	14.51	154	3130	0.365	ng	99
18) Fluorene	15.50	166	4394	0.355	ng	97
20) 4-Bromophenyl-phenylether	16.40	248	1296	0.336	ng	95
21) Hexachlorobenzene	16.52	284	1741	0.380	ng	98
22) Pentachlorophenol	16.89	266	248	0.423	ng	96
23) Phenanthrene	17.24	178	7353	0.364	ng	99
24) Anthracene	17.35	178	5664	0.328	ng	99
26) Fluoranthene	19.27	202	9646	0.338	ng	100
28) Pyrene	19.64	202	9968	0.401	ng	99
30) Benzo(a)anthracene	21.38	228	8846	0.349	ng	98
31) Chrysene	21.43	228	10530	0.388	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	17309	0.321	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	11073	0.387	ng	97
35) Benzo(b)fluoranthene	23.18	252	10362	0.387	ng	97
36) Benzo(k)fluoranthene	23.18	252	10543	0.376	ng	99
37) Benzo(a)pyrene	23.78	252	9704	0.378	ng	# 92
38) Dibenzo(a,h)anthracene	26.55	278	8207	0.338	ng	98
39) Benzo(g,h,i)perylene	27.33	276	9279	0.365	ng	98

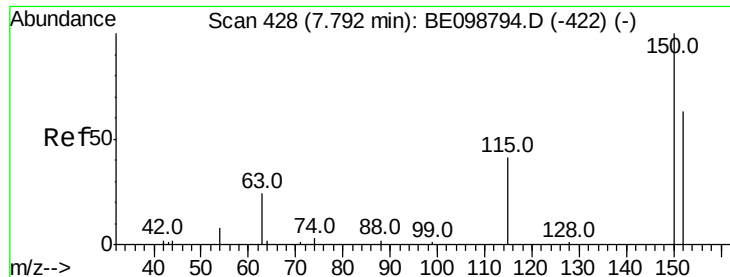
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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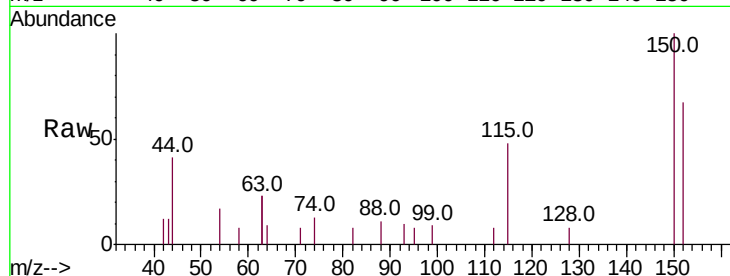


#1

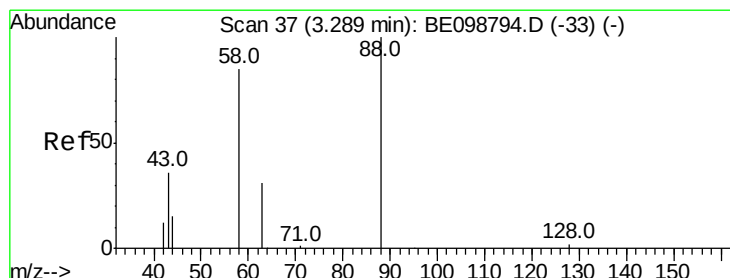
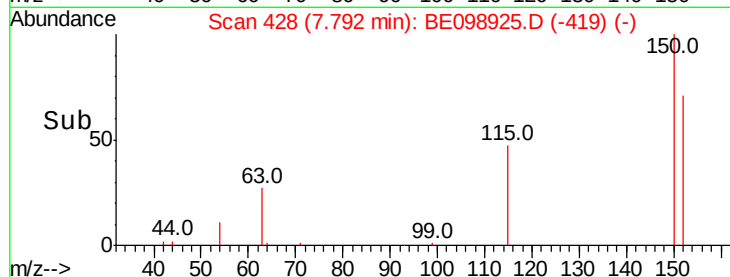
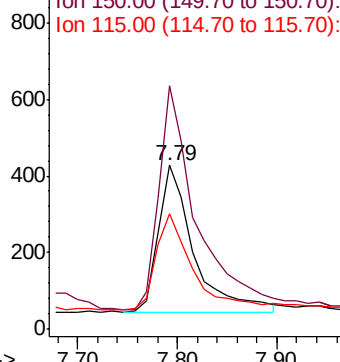
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098925.D
Acq: 14 Mar 2019 00:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 934
Ion Ratio Lower Upper
152 100
150 148.7 122.5 183.7
115 70.7 57.4 86.2



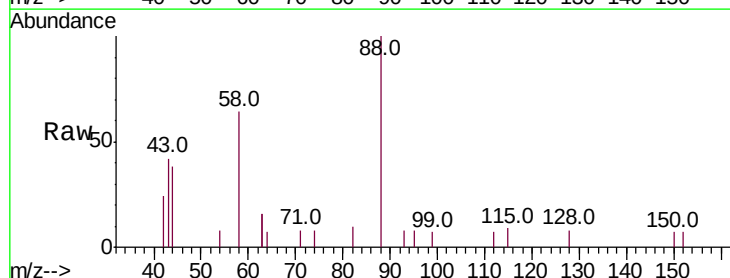
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



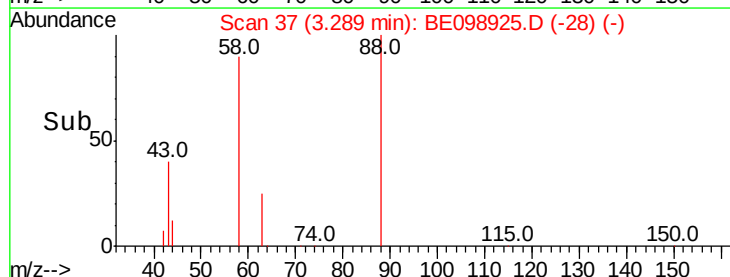
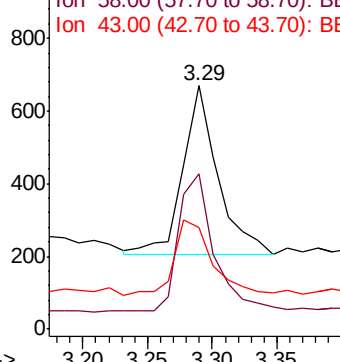
#2

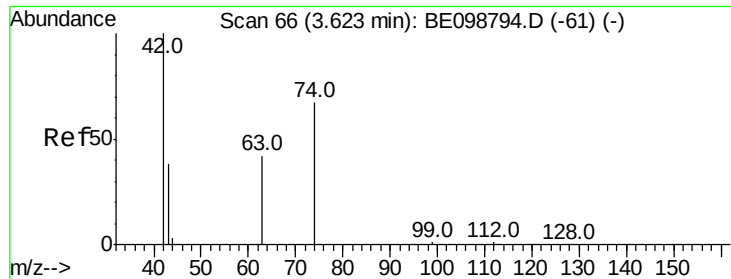
1,4-Dioxane
Concen: 0.496 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098925.D
Acq: 14 Mar 2019 00:37

Tgt Ion: 88 Resp: 863
Ion Ratio Lower Upper
88 100
58 85.7 75.8 113.6
43 49.8 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



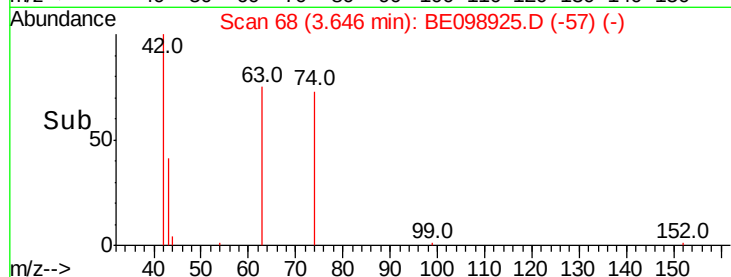
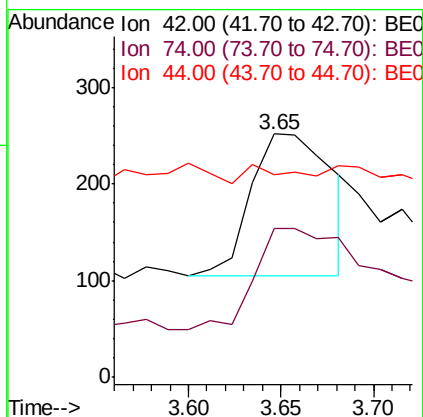
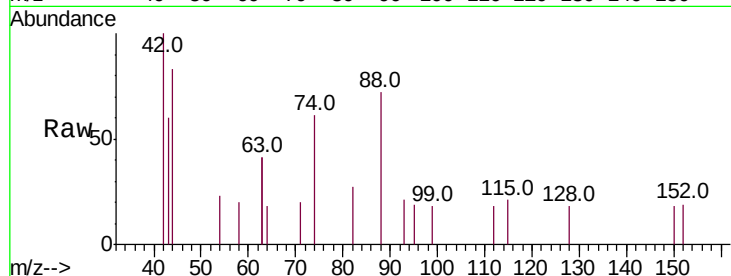


#3

n-Nitrosodimethylamine
 Concen: 0.190 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BE098925.D
 Acq: 14 Mar 2019 00:37

Instrument :
 BNA_E
 ClientSampleId :

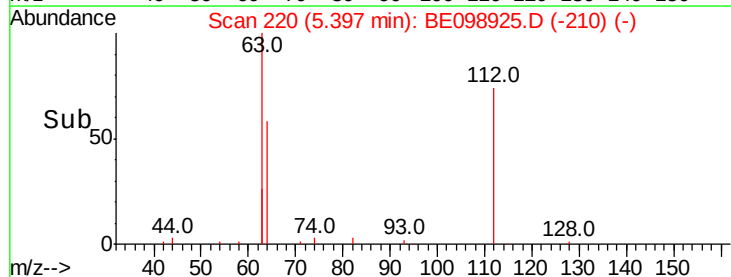
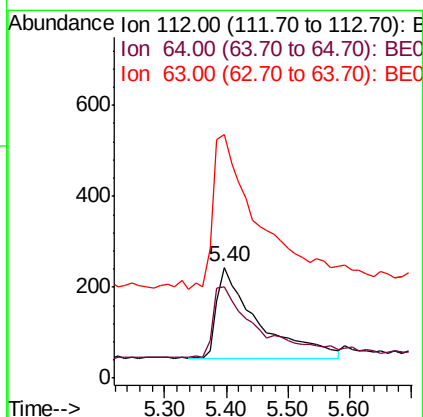
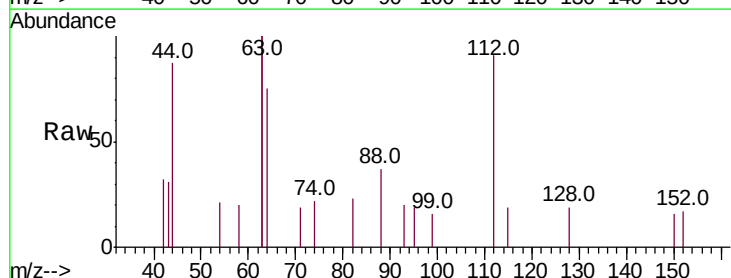
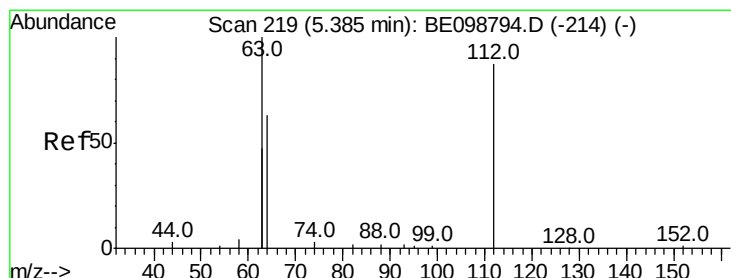
Tot Ion: 42 Resp: 446
 Ion Ratio Lower Upper
 42 100
 74 57.4 57.0 85.4
 44 7.2 0.0 0.0#

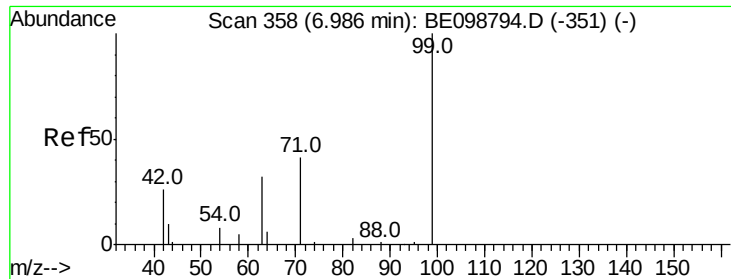


#4

2-Fluorophenol
 Concen: 0.326 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098925.D
 Acq: 14 Mar 2019 00:37

Tgt Ion: 112 Resp: 911
 Ion Ratio Lower Upper
 112 100
 64 90.1 57.9 86.9#
 63 216.1 158.3 237.5





#5

Phenol-d6

Concen: 0.371 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampled :

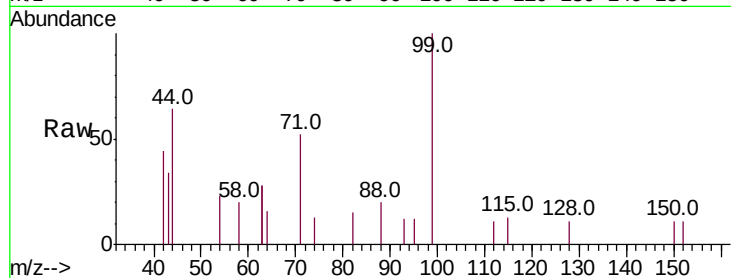
Tot Ion: 99 Resp: 1465

Ion Ratio Lower Upper

99 100

42 33.2 24.2 36.2

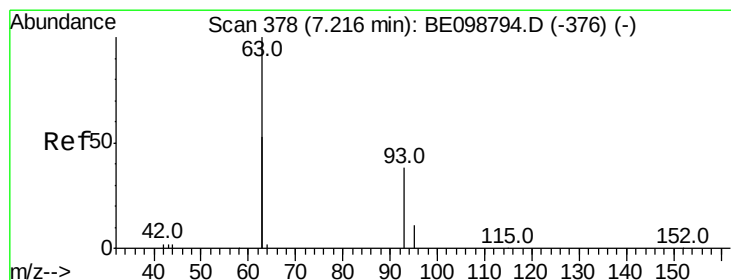
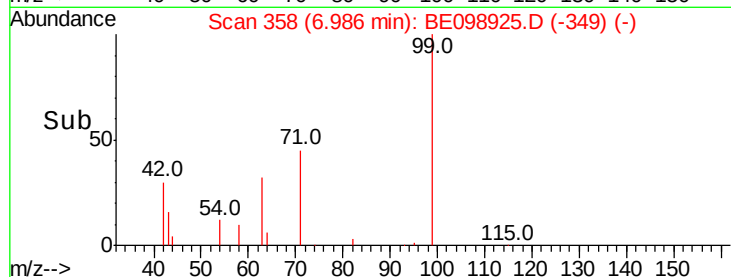
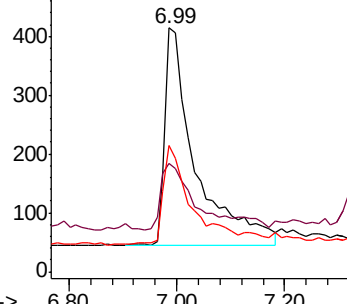
71 40.3 35.7 53.5



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



#6

bis(2-Chloroethyl)ether

Concen: 0.346 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

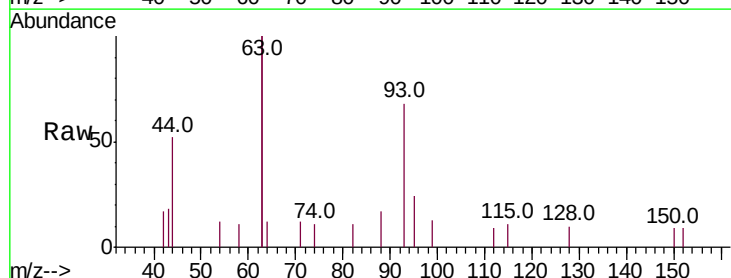
Tgt Ion: 93 Resp: 1052

Ion Ratio Lower Upper

93 100

63 271.0 247.5 371.3

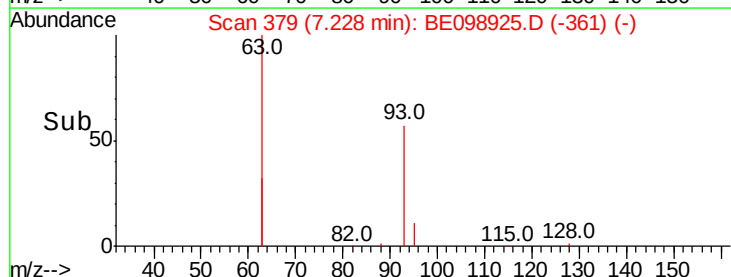
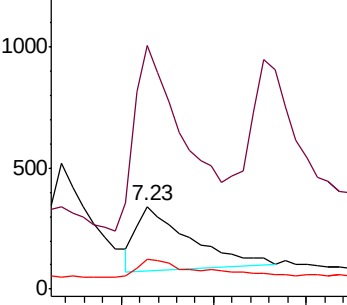
95 31.7 21.8 32.8

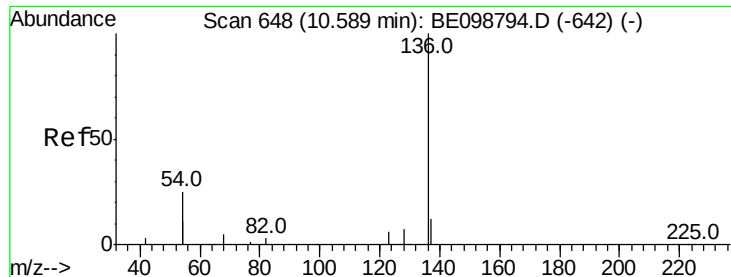


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4150

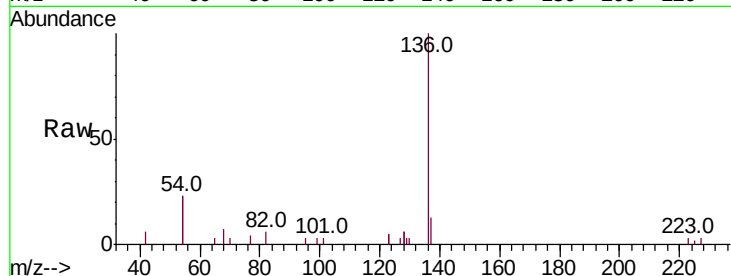
Ion Ratio Lower Upper

136 100

137 13.3 11.4 17.0

54 46.7 39.3 58.9

68 7.1 6.7 10.1

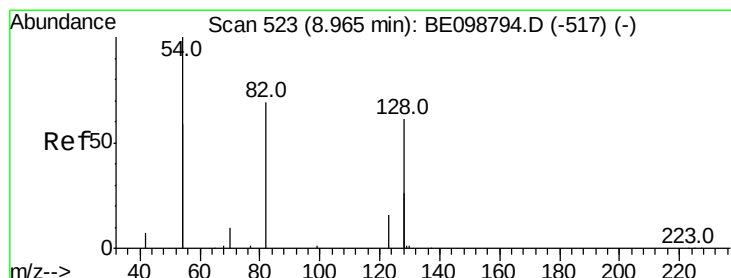
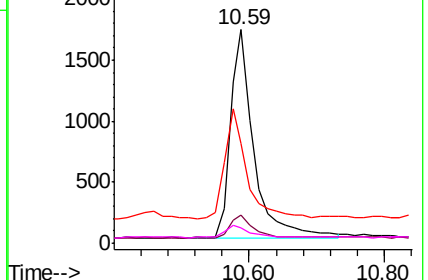
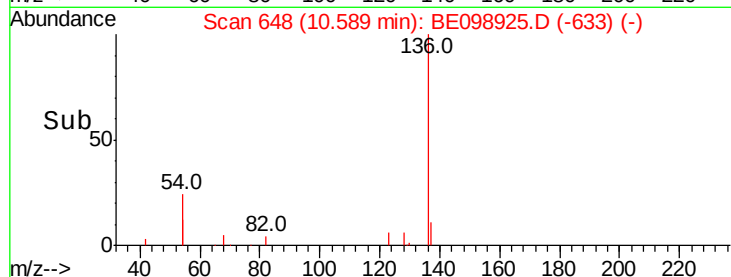


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.338 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

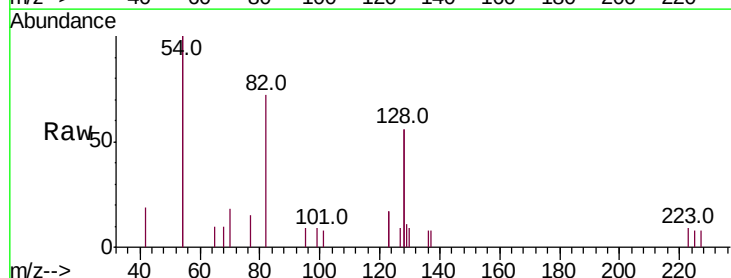
Tgt Ion: 82 Resp: 1471

Ion Ratio Lower Upper

82 100

128 153.7 123.8 185.8

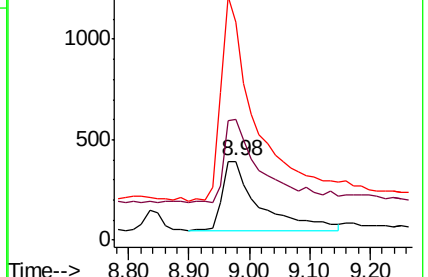
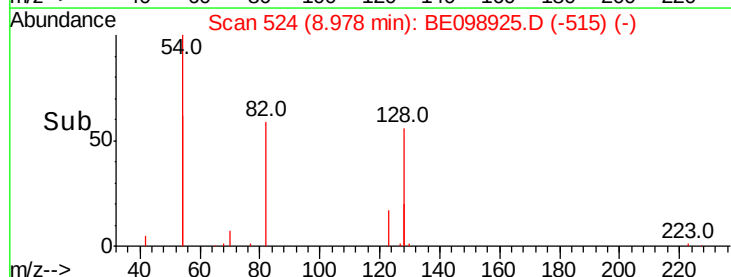
54 276.3 203.4 305.2

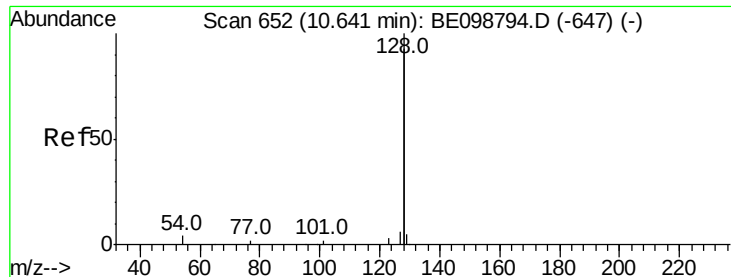


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.389 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

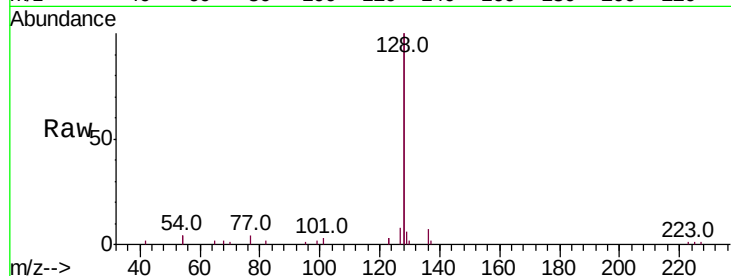
Tot Ion:128 Resp: 18487

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

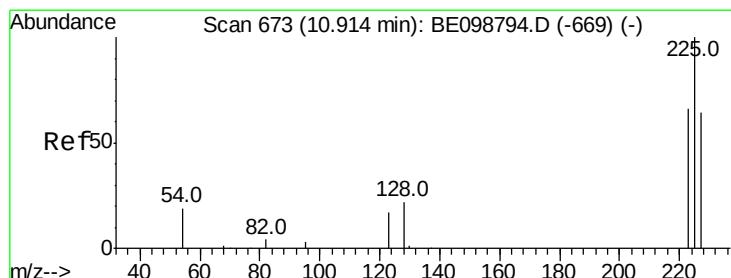
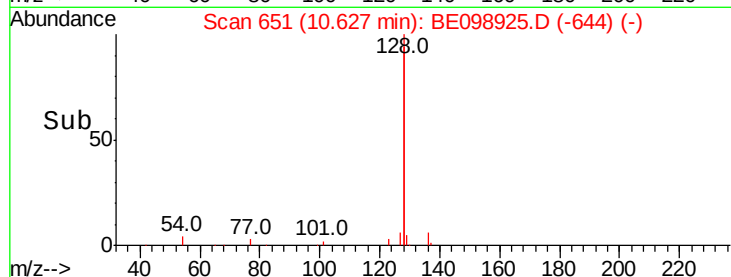
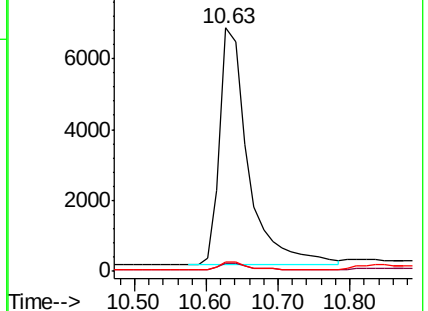
127 3.8 3.1 4.7



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: 0.370 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

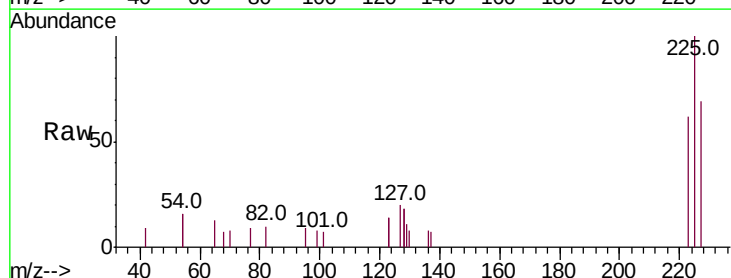
Tgt Ion:225 Resp: 1165

Ion Ratio Lower Upper

225 100

223 61.8 51.1 76.7

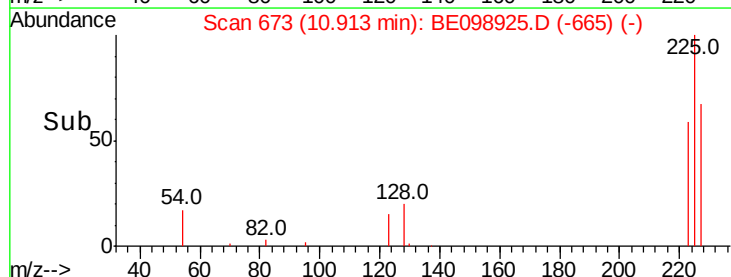
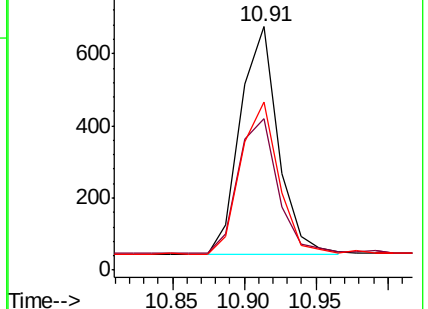
227 67.6 51.6 77.4

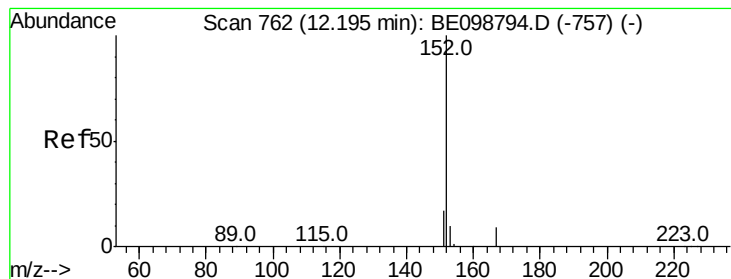


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

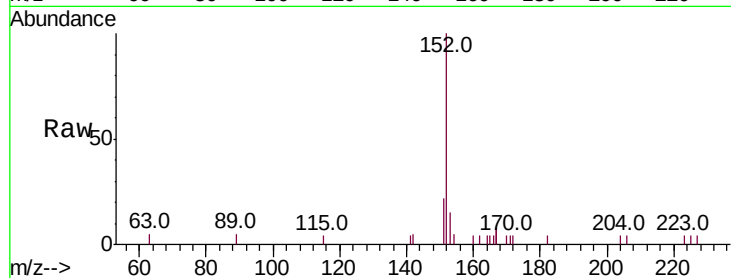
ClientSampleId :

Tot Ion:152 Resp: 2914

Ion Ratio Lower Upper

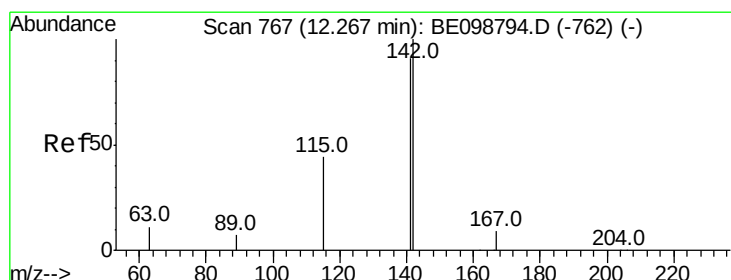
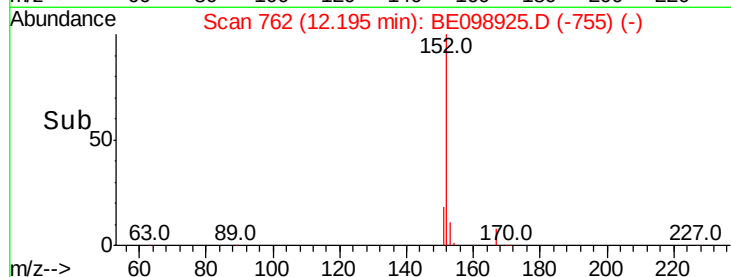
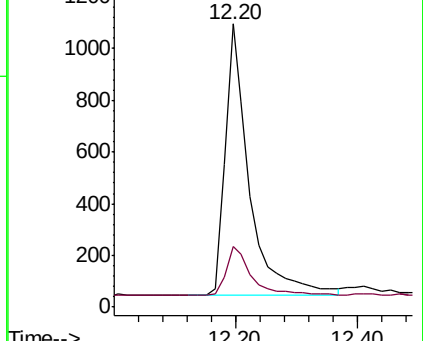
152 100

151 19.8 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: 0.369 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

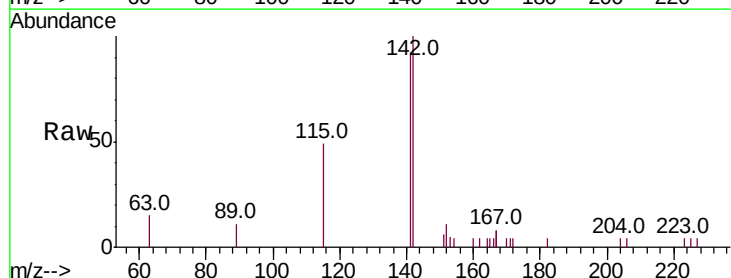
Tgt Ion:142 Resp: 2844

Ion Ratio Lower Upper

142 100

141 92.2 72.6 108.8

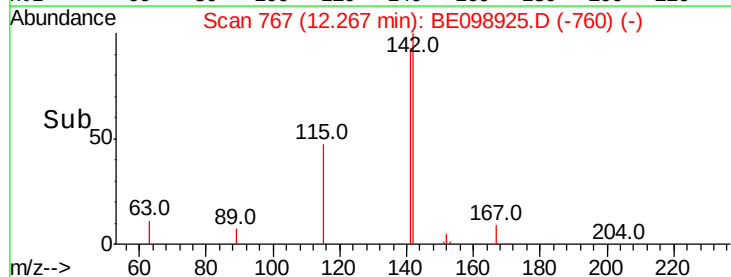
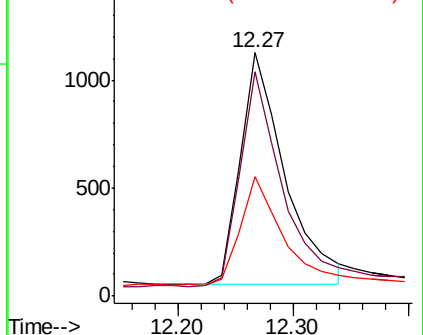
115 49.0 37.4 56.2

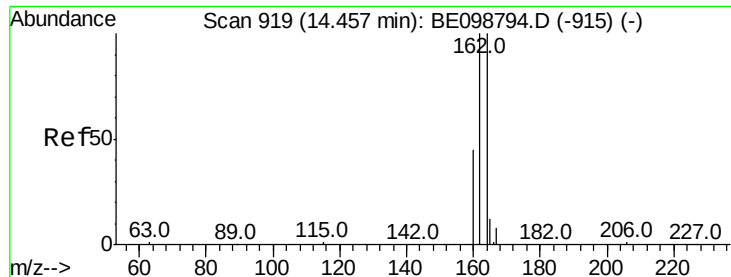


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

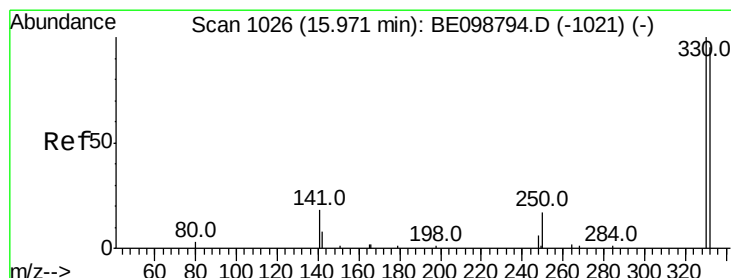
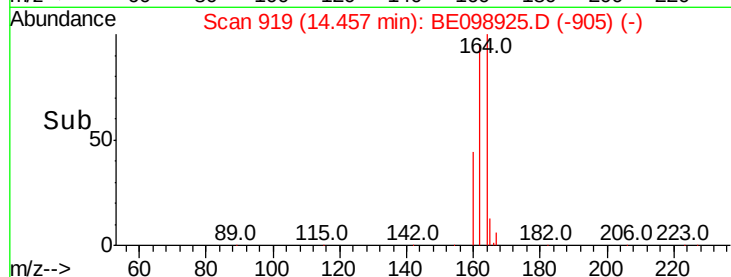
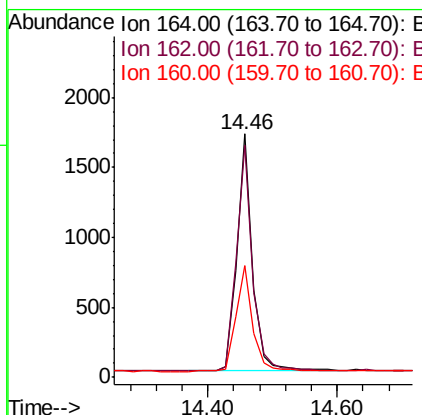
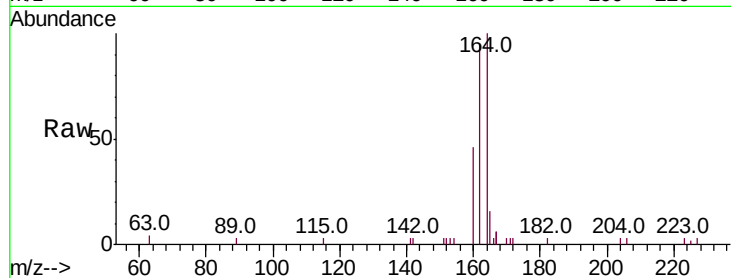




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098925.D
Acq: 14 Mar 2019 00:37

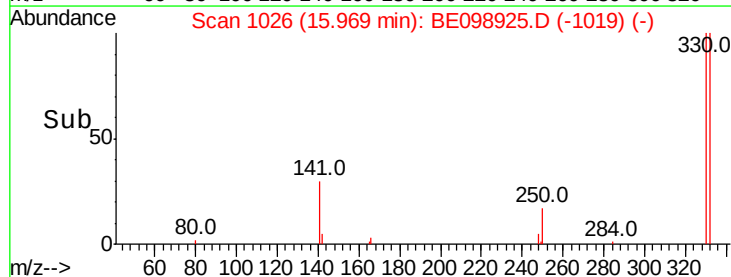
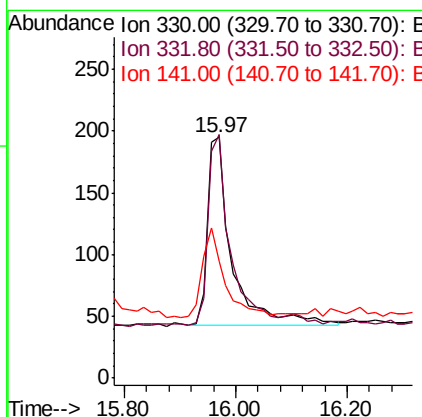
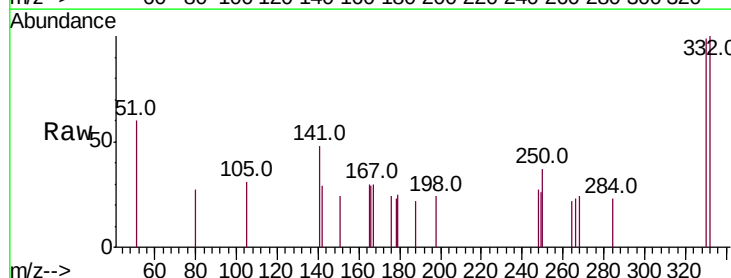
Instrument :
BNA_E
ClientSampleId :

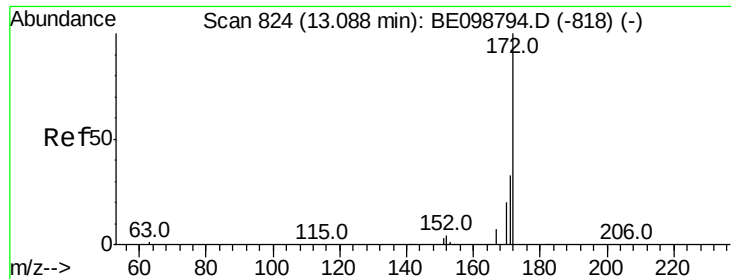
Tot Ion:164 Resp: 2811
Ion Ratio Lower Upper
164 100
162 95.2 80.2 120.2
160 45.8 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098925.D
Acq: 14 Mar 2019 00:37

Tgt Ion:330 Resp: 463
Ion Ratio Lower Upper
330 100
332 92.7 77.6 116.4
141 43.8 31.0 46.4

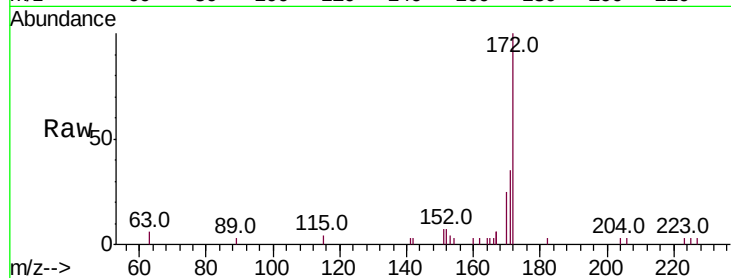




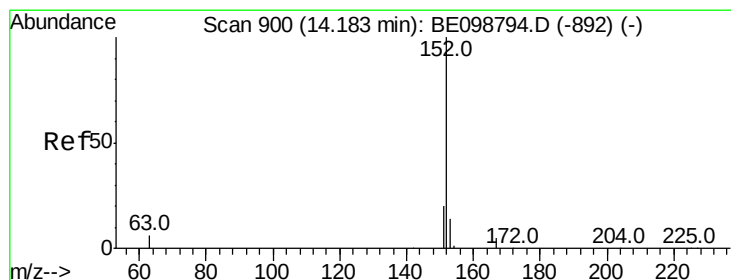
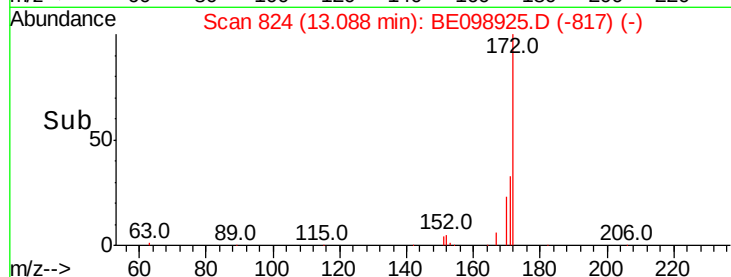
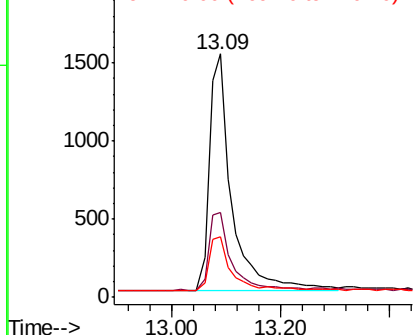
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098925.D
Acq: 14 Mar 2019 00:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4355
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 24.8 17.7 26.5

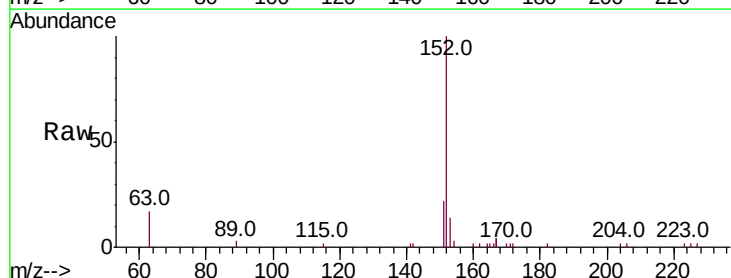


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

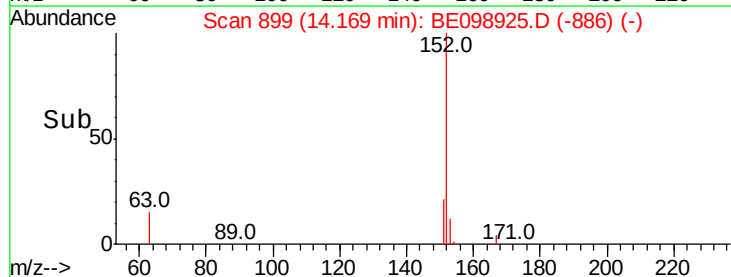
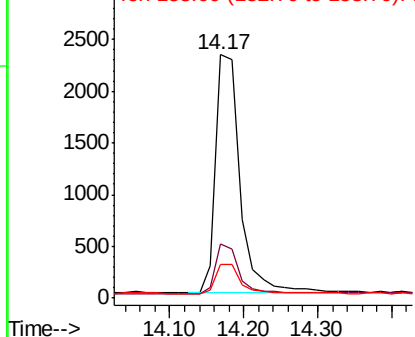


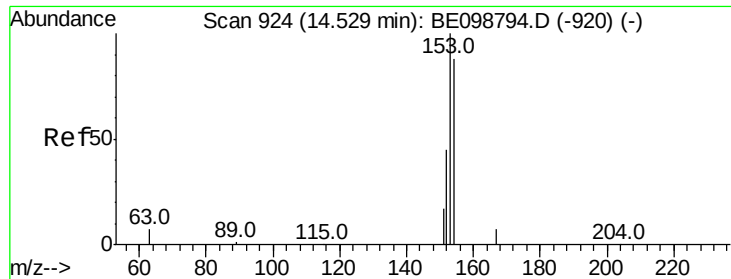
#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE098925.D
Acq: 14 Mar 2019 00:37

Tgt Ion:152 Resp: 5307
Ion Ratio Lower Upper
152 100
151 19.7 17.0 25.6
153 12.6 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

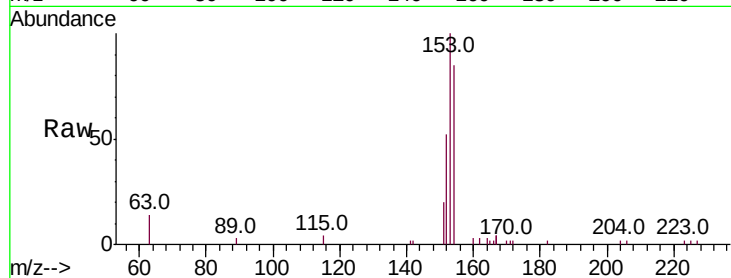




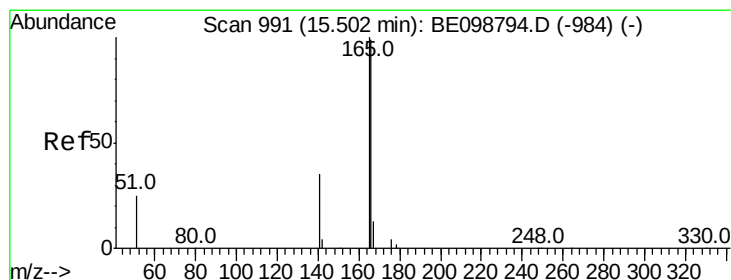
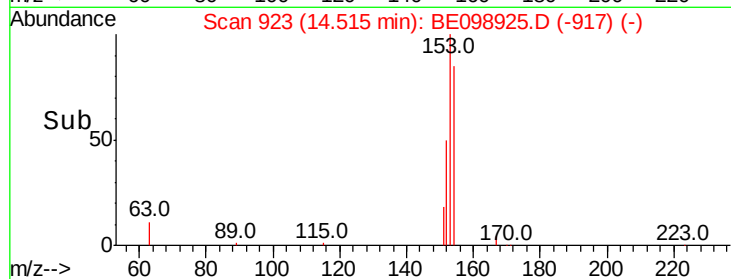
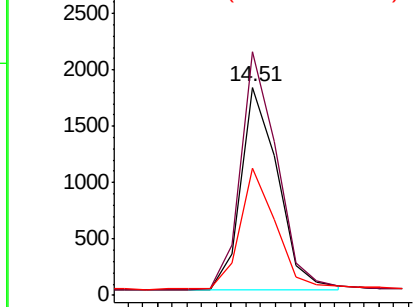
#17
Acenaphthene
Concen: 0.365 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098925.D
Acq: 14 Mar 2019 00:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 3130
Ion Ratio Lower Upper
154 100
153 116.5 94.2 141.4
152 57.6 45.0 67.4

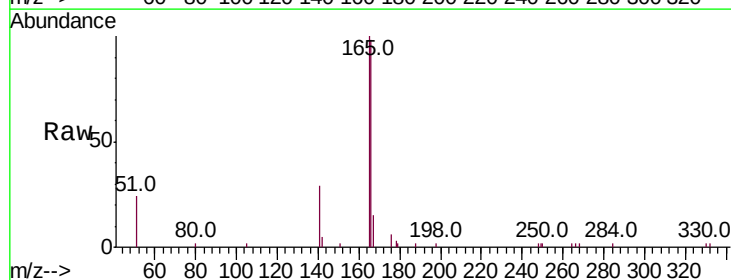


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

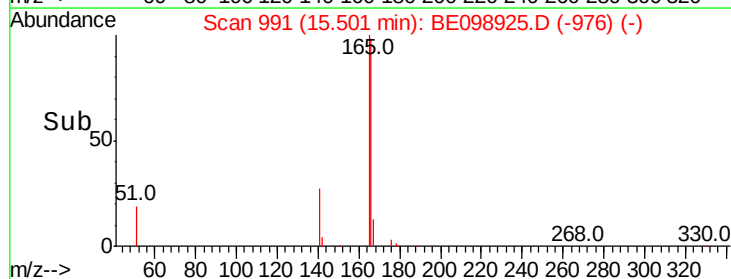
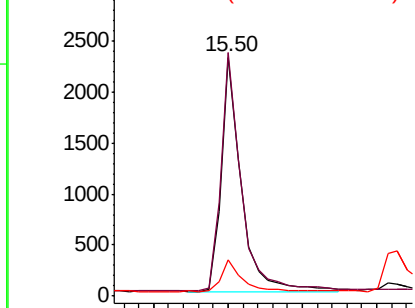


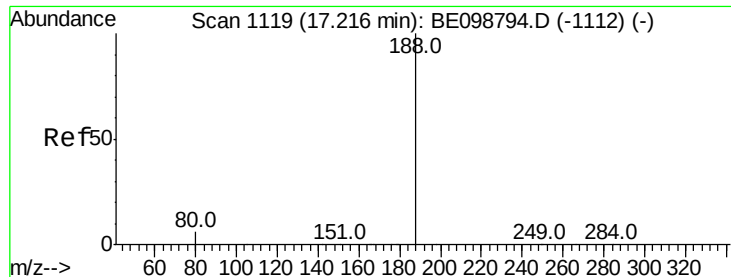
#18
Fluorene
Concen: 0.355 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098925.D
Acq: 14 Mar 2019 00:37

Tgt Ion:166 Resp: 4394
Ion Ratio Lower Upper
166 100
165 102.1 79.3 118.9
167 13.4 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

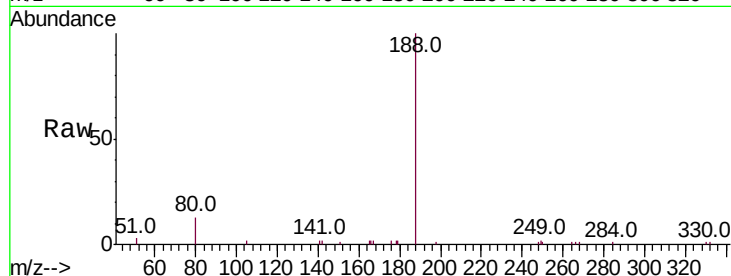
Tot Ion:188 Resp: 7111

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

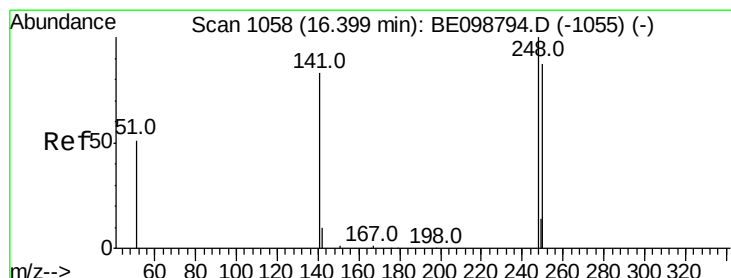
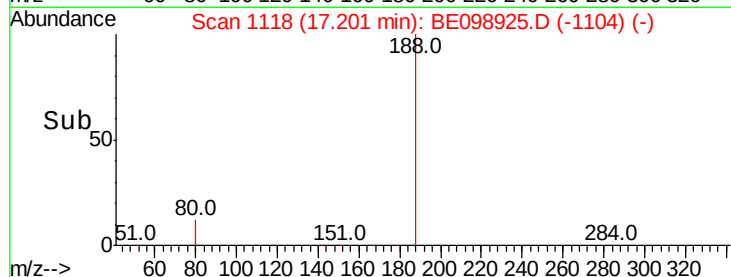
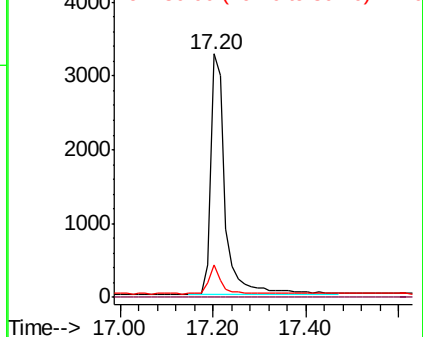
80 13.3 6.3 9.5#



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: 0.336 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

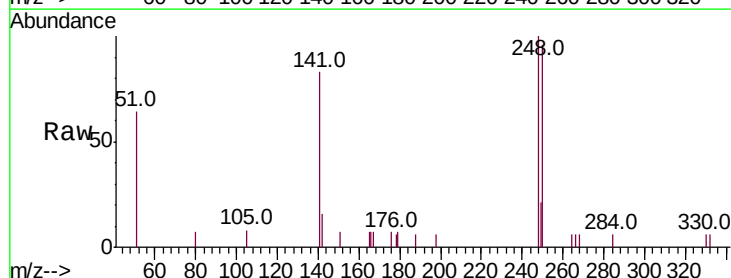
Tgt Ion:248 Resp: 1296

Ion Ratio Lower Upper

248 100

250 95.6 70.6 105.8

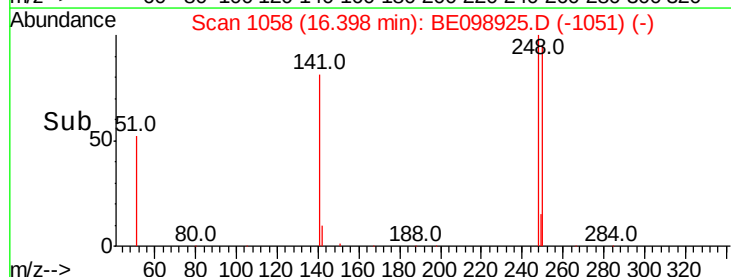
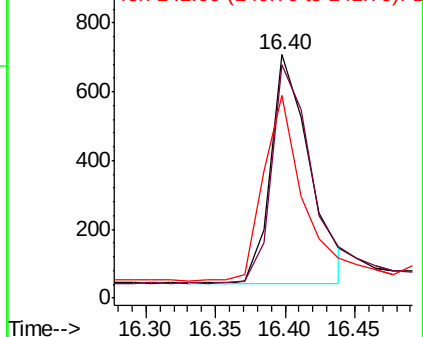
141 83.2 68.6 102.8

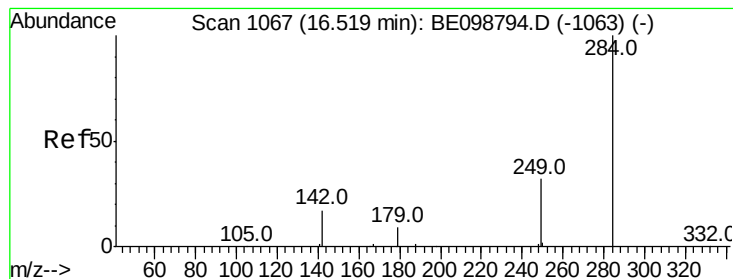


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.380 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampled :

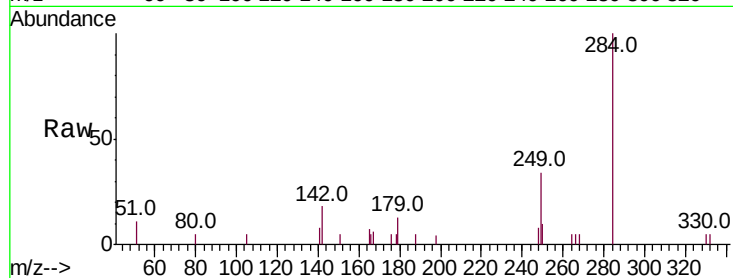
Tot Ion:284 Resp: 1741

Ion Ratio Lower Upper

284 100

142 35.6 28.7 43.1

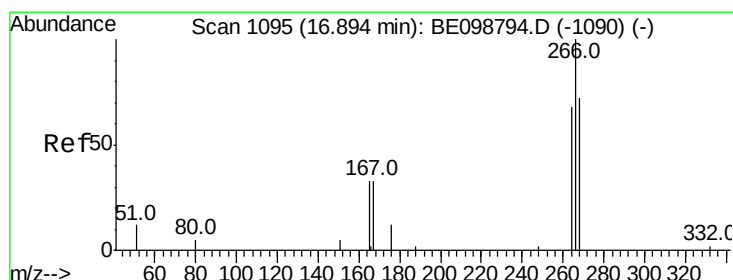
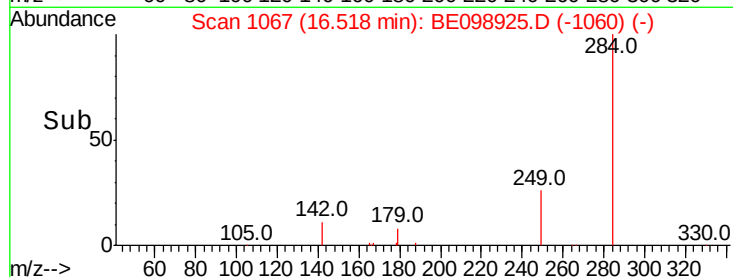
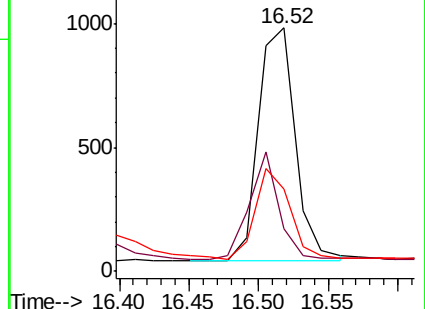
249 35.3 29.6 44.4



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: 0.423 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

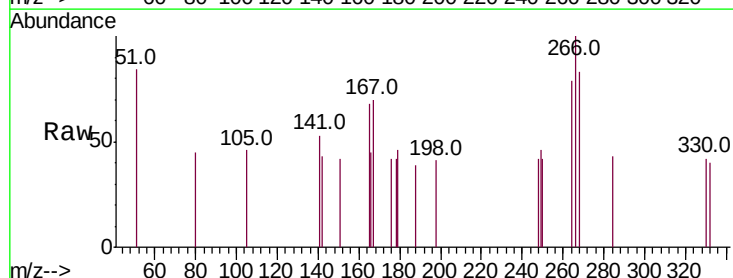
Tgt Ion:266 Resp: 248

Ion Ratio Lower Upper

266 100

264 79.5 66.6 100.0

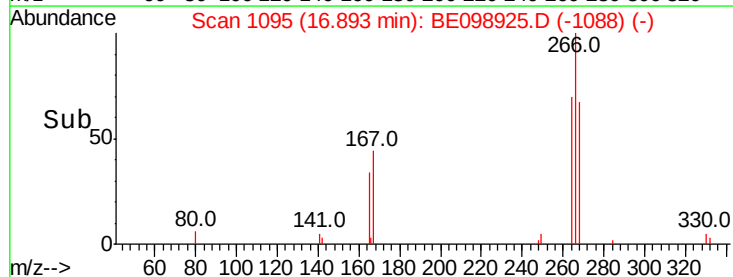
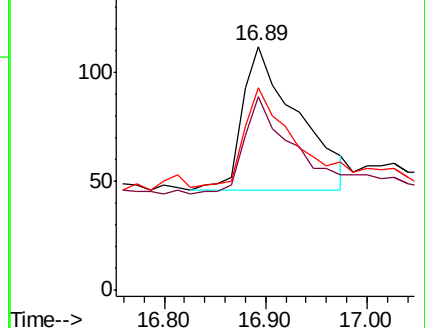
268 83.0 69.8 104.8

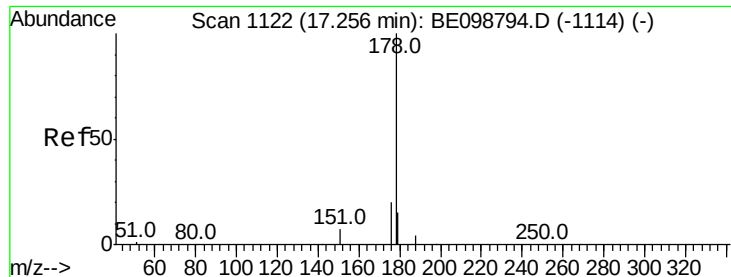


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.364 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

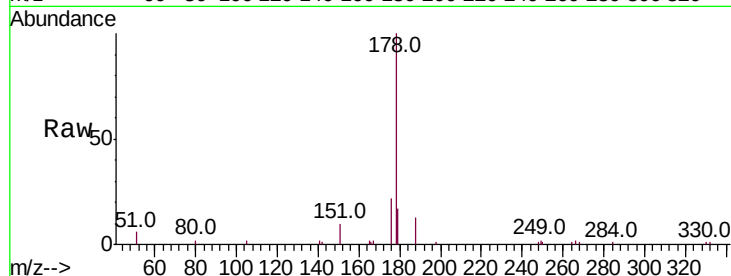
Tot Ion:178 Resp: 7353

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

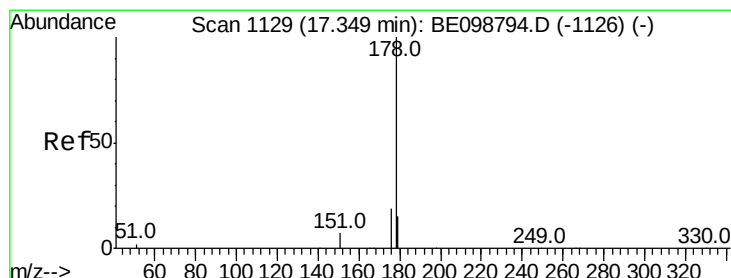
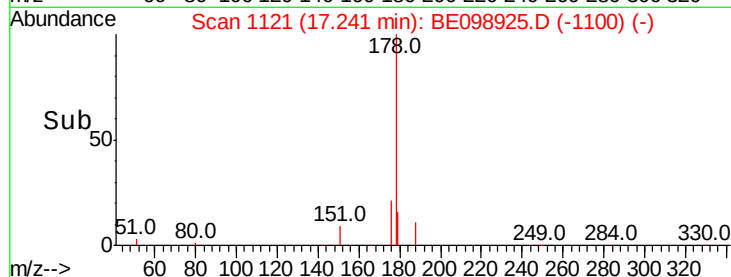
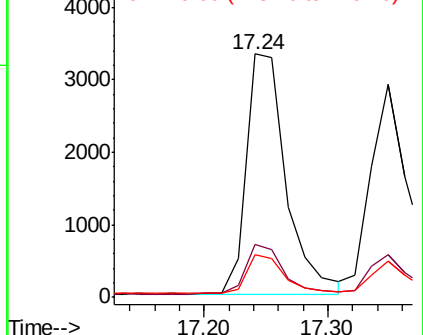
179 15.5 12.1 18.1



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: 0.328 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

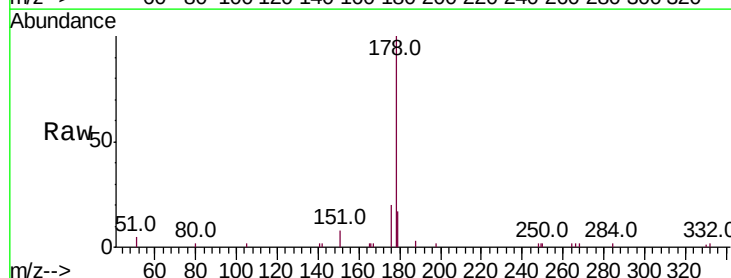
Tgt Ion:178 Resp: 5664

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

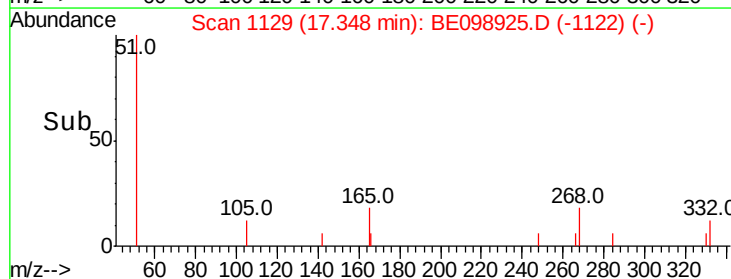
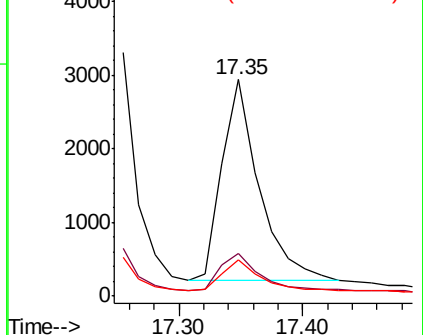
179 15.5 12.2 18.4

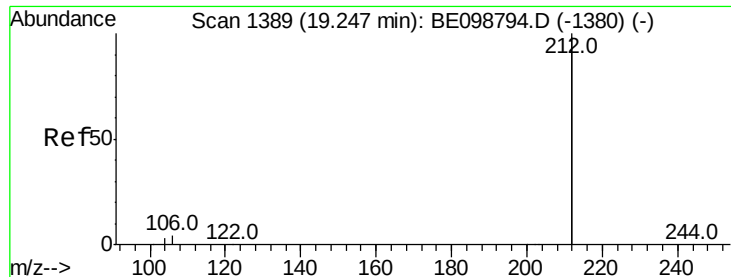


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.334 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

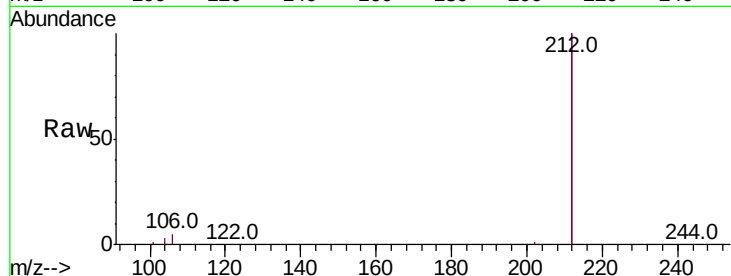
Tot Ion:212 Resp: 37932

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

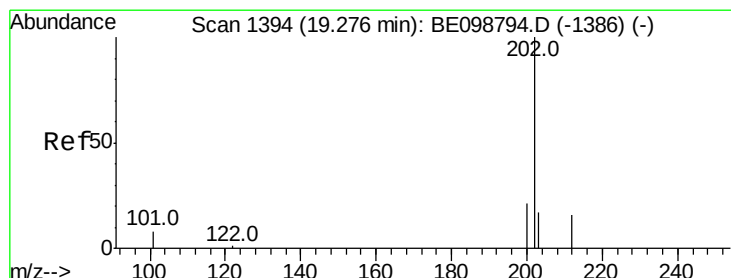
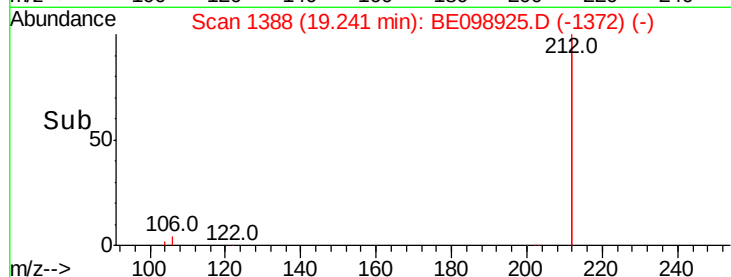
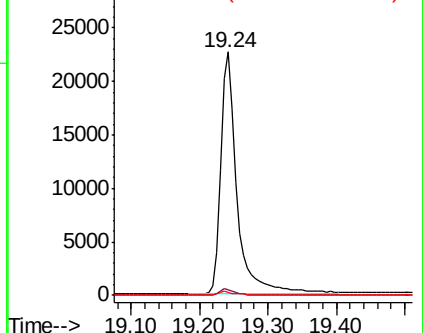
104 1.3 1.0 1.6



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: 0.338 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

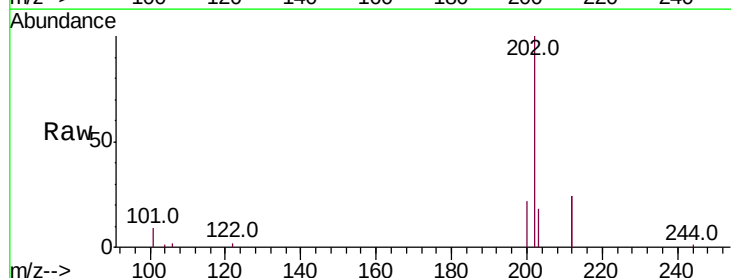
Tgt Ion:202 Resp: 9646

Ion Ratio Lower Upper

202 100

101 8.9 7.3 10.9

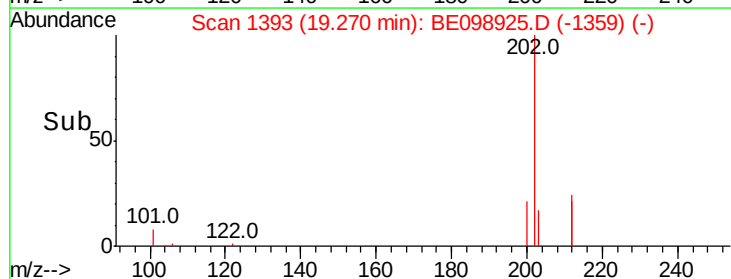
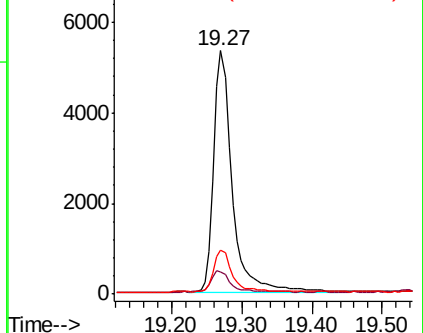
203 16.8 13.4 20.2

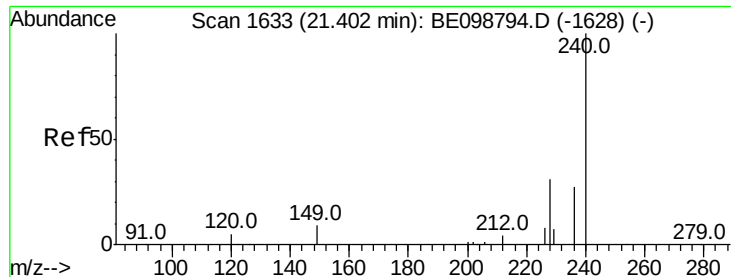


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

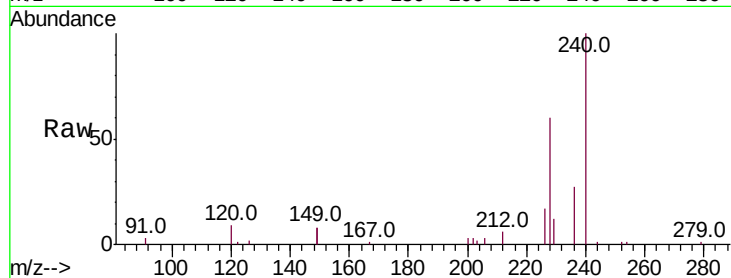
Tot Ion:240 Resp: 8127

Ion Ratio Lower Upper

240 100

120 8.8 5.0 7.4#

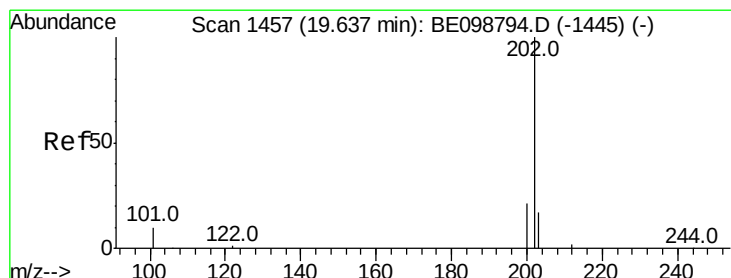
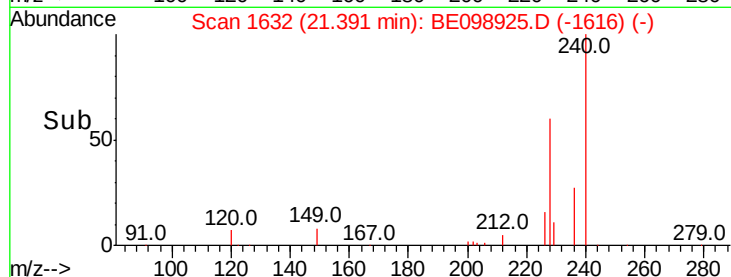
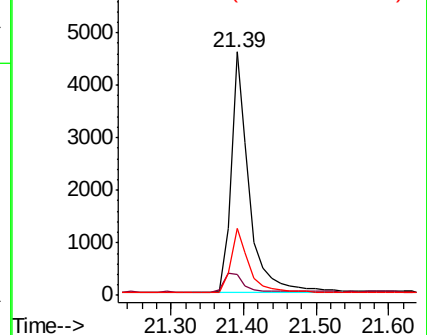
236 27.3 22.7 34.1



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: 0.401 ng

RT: 19.64 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

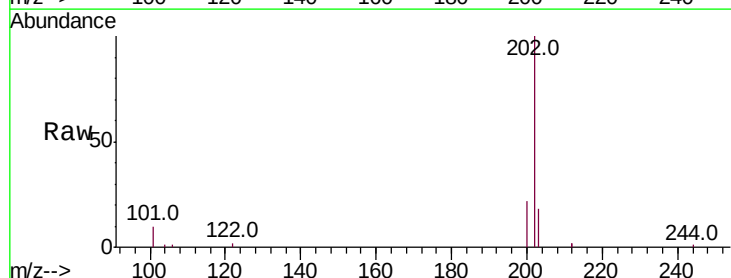
Tgt Ion:202 Resp: 9968

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

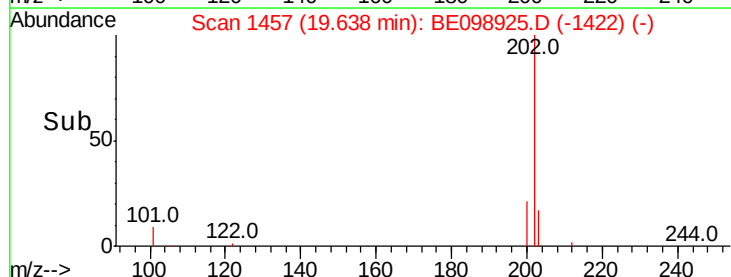
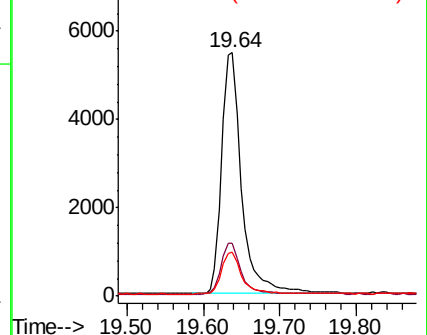
203 17.5 14.2 21.2

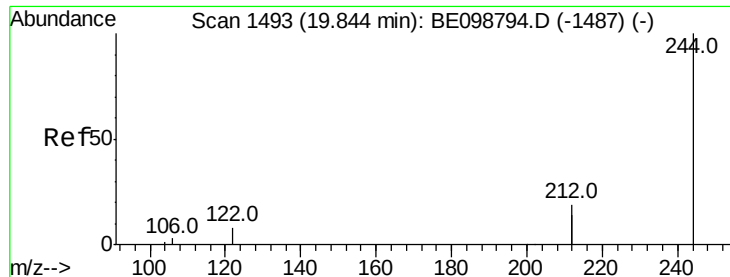


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.389 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampled :

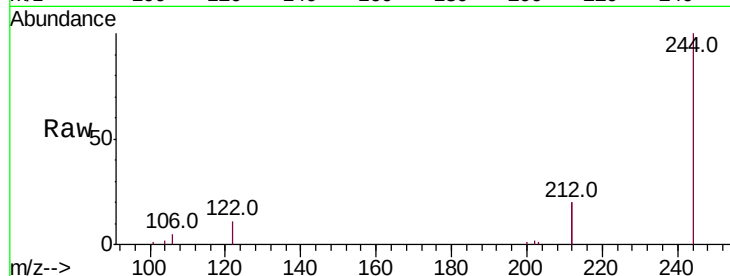
Tot Ion:244 Resp: 7686

Ion Ratio Lower Upper

244 100

212 39.6 29.4 44.2

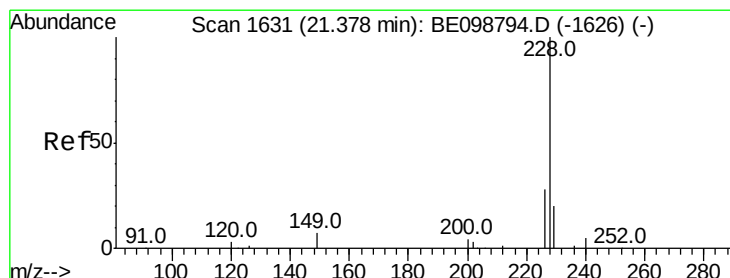
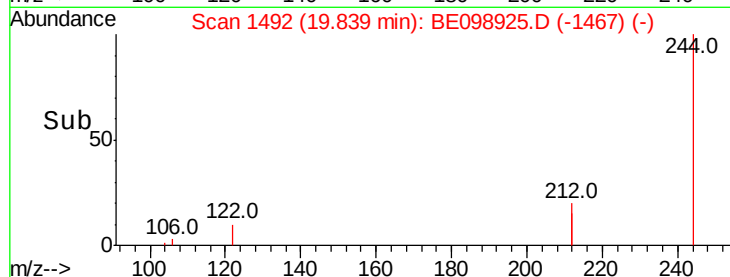
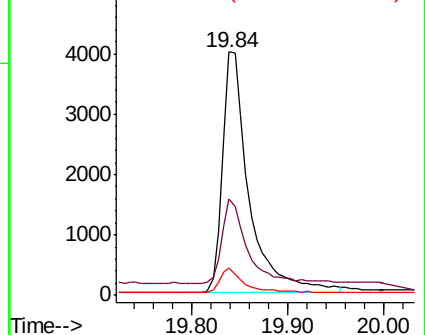
122 11.0 7.1 10.7#



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: 0.349 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

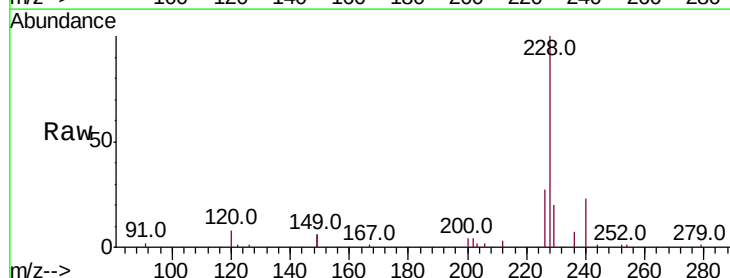
Tgt Ion:228 Resp: 8846

Ion Ratio Lower Upper

228 100

226 27.1 23.0 34.4

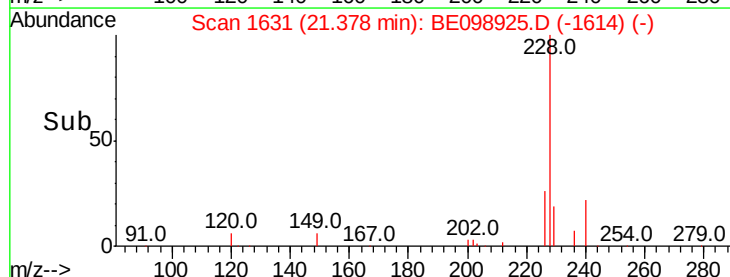
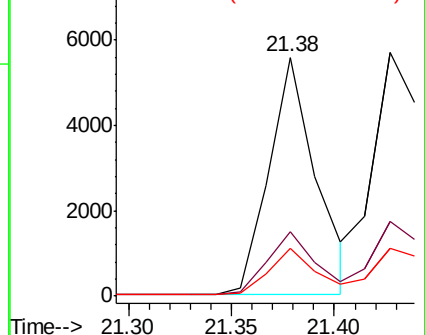
229 20.1 16.5 24.7

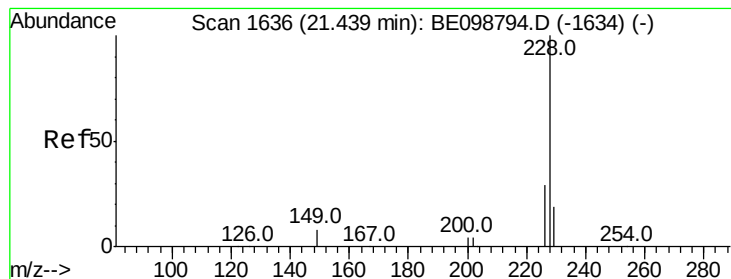


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.388 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

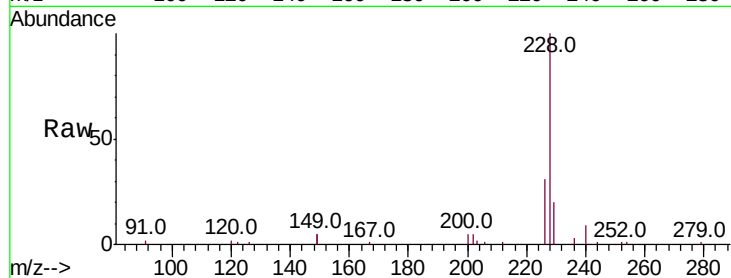
Tot Ion:228 Resp: 10530

Ion Ratio Lower Upper

228 100

226 30.8 23.7 35.5

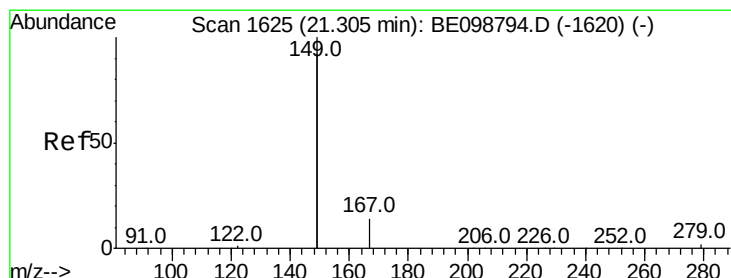
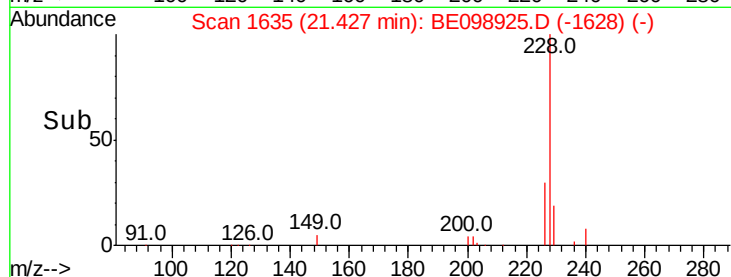
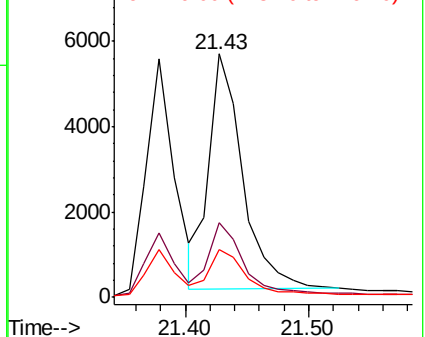
229 19.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.321 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

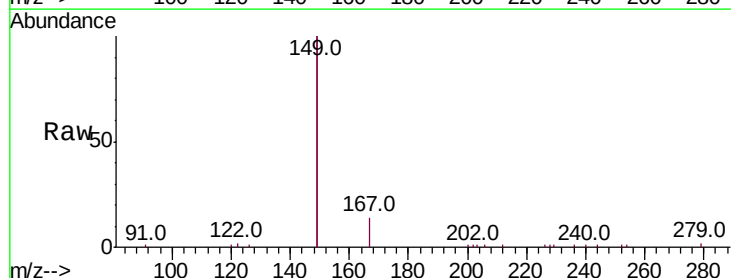
Tgt Ion:149 Resp: 17309

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

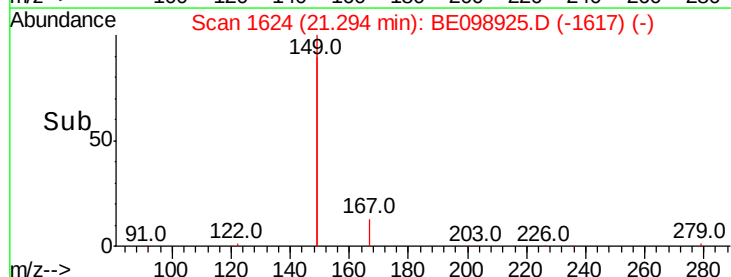
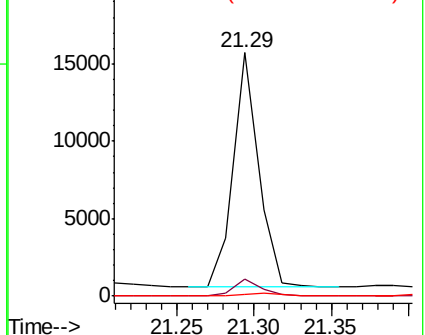
279 1.2 1.0 1.4

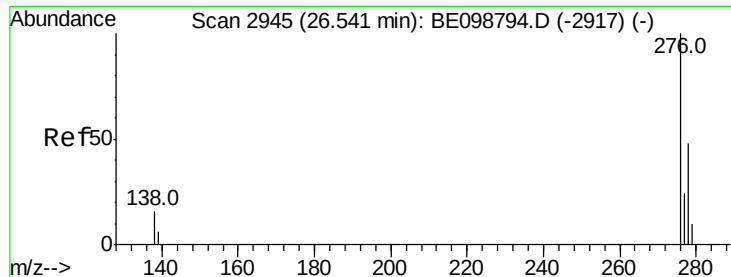


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

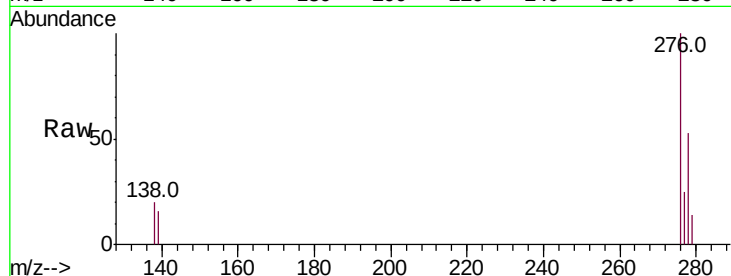




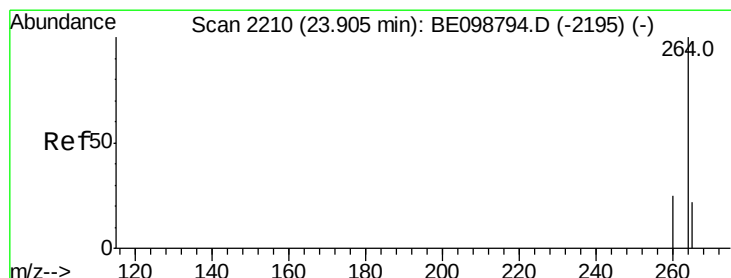
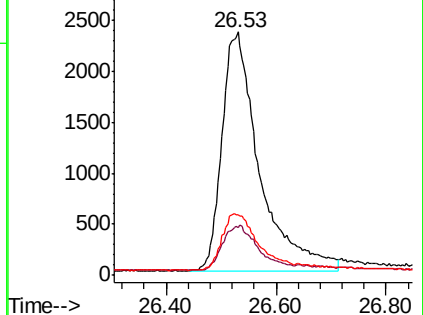
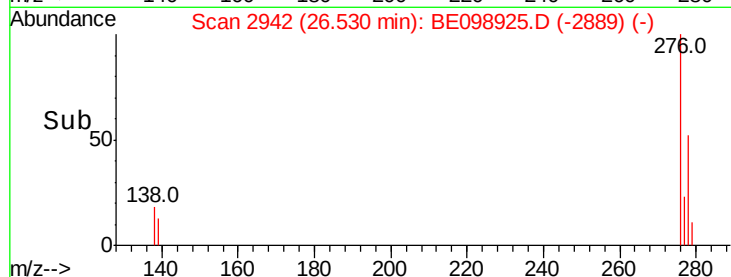
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.387 ng
 RT: 26.53 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BE098925.D
 Acq: 14 Mar 2019 00:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 11073
 Ion Ratio Lower Upper
 276 100
 138 18.1 13.8 20.8
 277 22.8 19.5 29.3

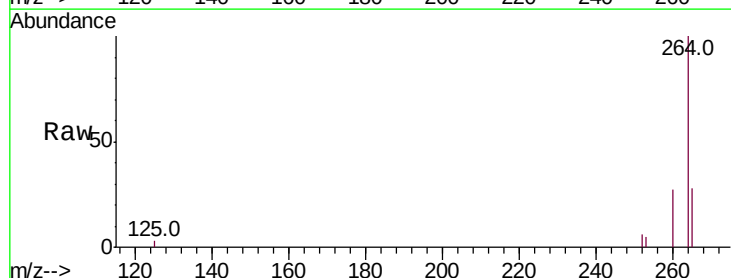


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

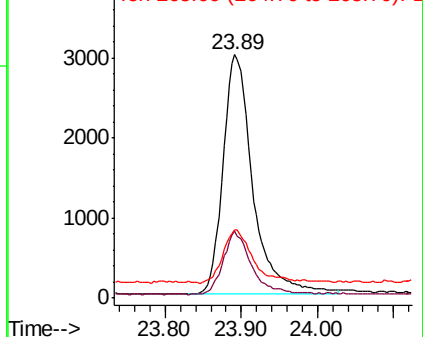
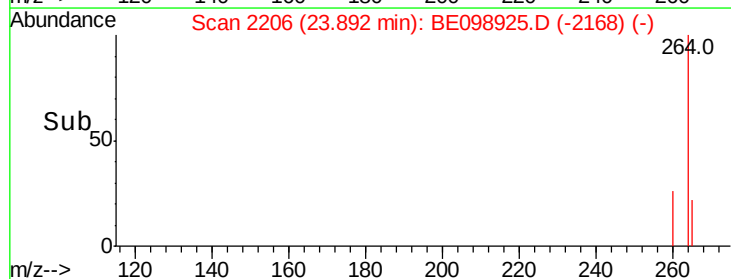


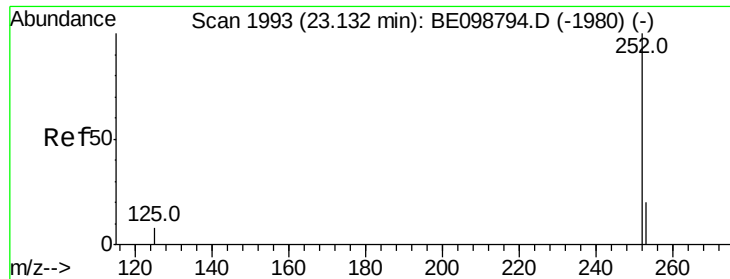
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE098925.D
 Acq: 14 Mar 2019 00:37

Tgt Ion:264 Resp: 8151
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.2 31.8
 265 28.2 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: 0.387 ng

RT: 23.18 min Scan# 2005

Delta R.T. 0.04 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

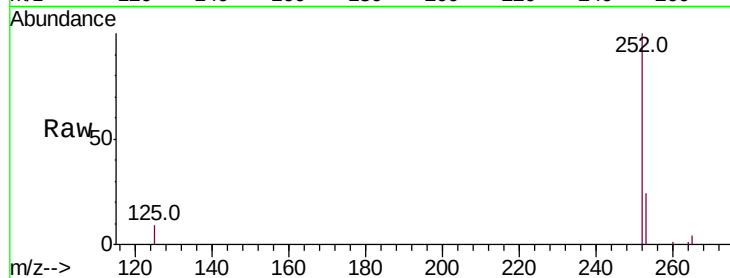
Tot Ion:252 Resp: 10362

Ion Ratio Lower Upper

252 100

253 24.4 18.2 27.2

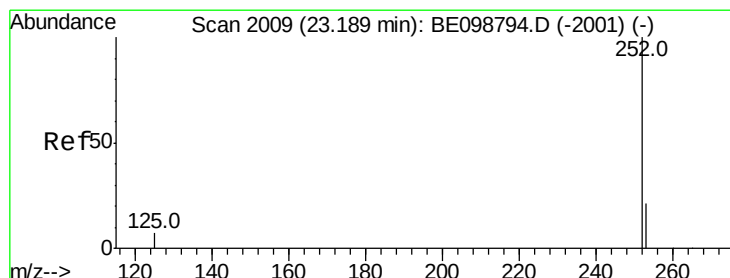
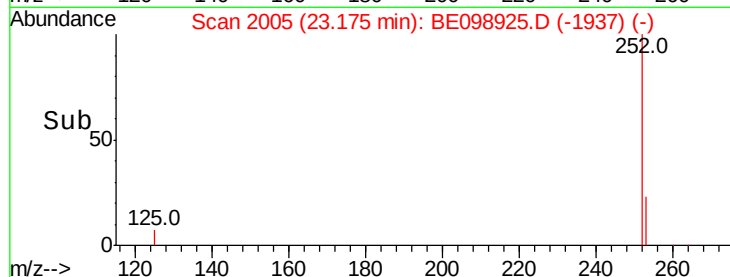
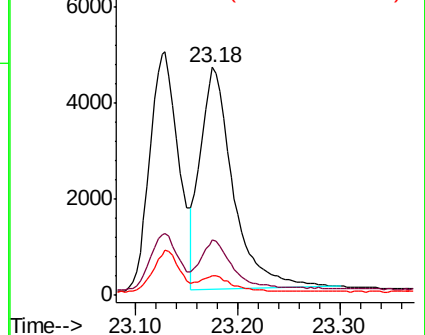
125 8.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.376 ng

RT: 23.18 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

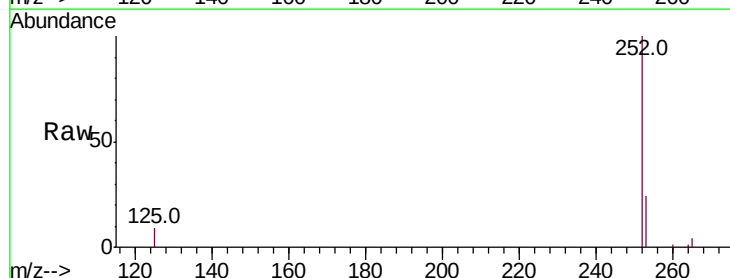
Tgt Ion:252 Resp: 10543

Ion Ratio Lower Upper

252 100

253 24.4 19.3 28.9

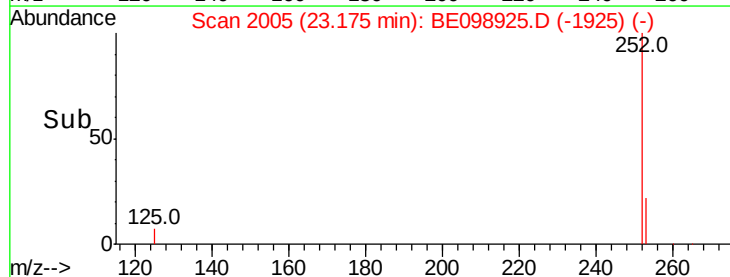
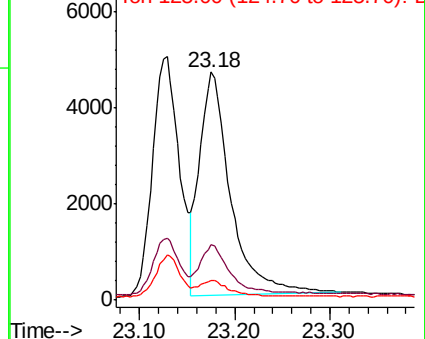
125 8.7 7.5 11.3

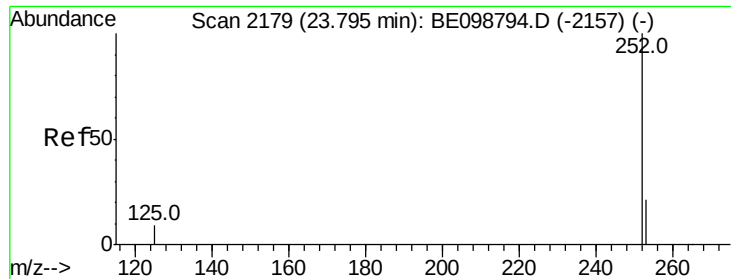


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.378 ng

RT: 23.78 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

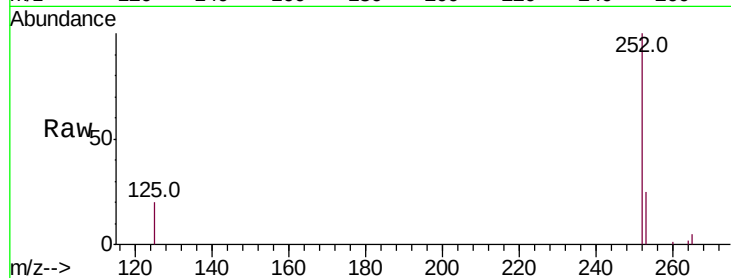
Tot Ion:252 Resp: 9704

Ion Ratio Lower Upper

252 100

253 24.8 19.9 29.9

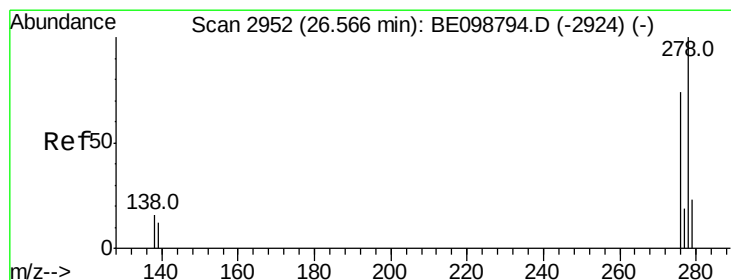
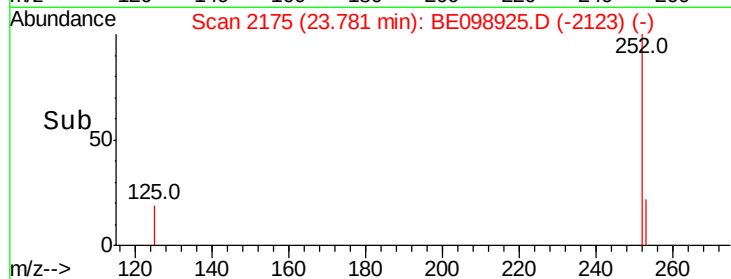
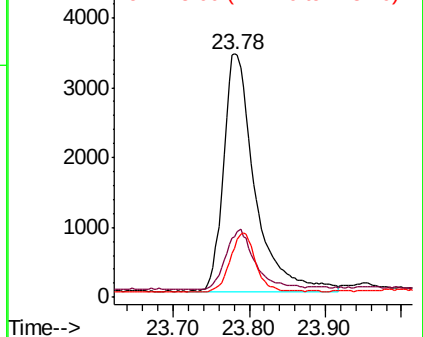
125 20.4 9.0 13.4#



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: 0.338 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

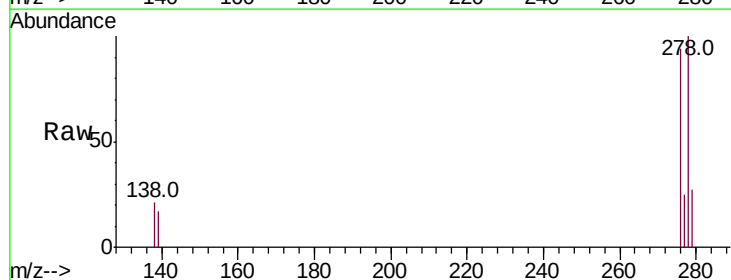
Tgt Ion:278 Resp: 8207

Ion Ratio Lower Upper

278 100

139 17.1 11.8 17.6

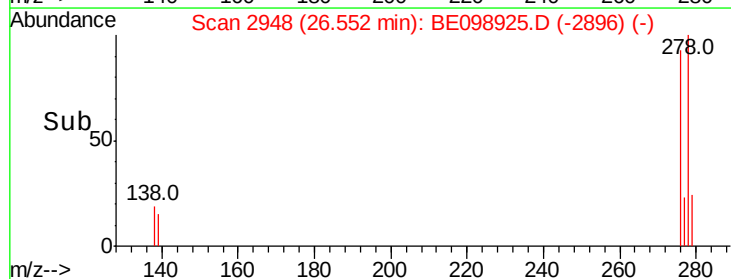
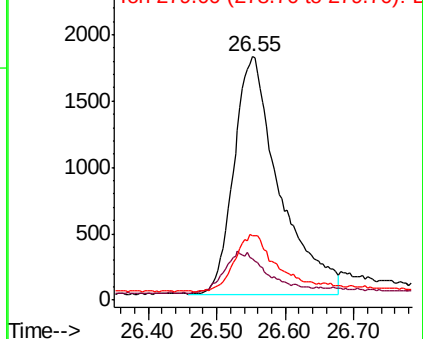
279 26.6 21.1 31.7

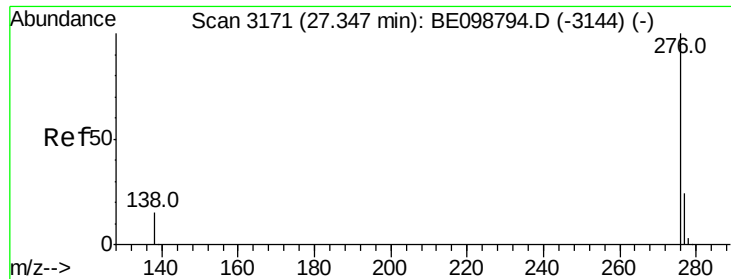


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.365 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.02 min

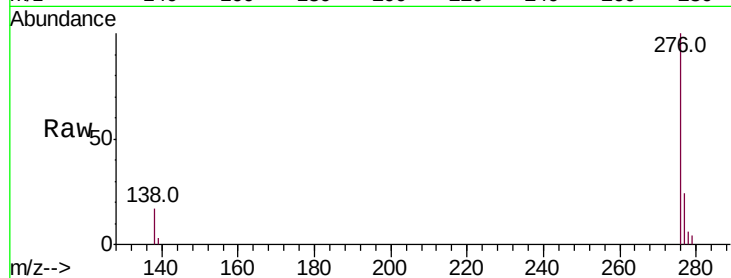
Lab File: BE098925.D

Acq: 14 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 9279

Ion Ratio Lower Upper

276 100

277 23.8 20.4 30.6

138 16.7 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

