

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122818\
 Data File : BE098566.D
 Acq On : 28 Dec 2018 10:01
 Operator : SJ/JU
 Sample : SST00.203
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 28 11:37:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 11:34:21 2018
 Response via : Initial Calibration

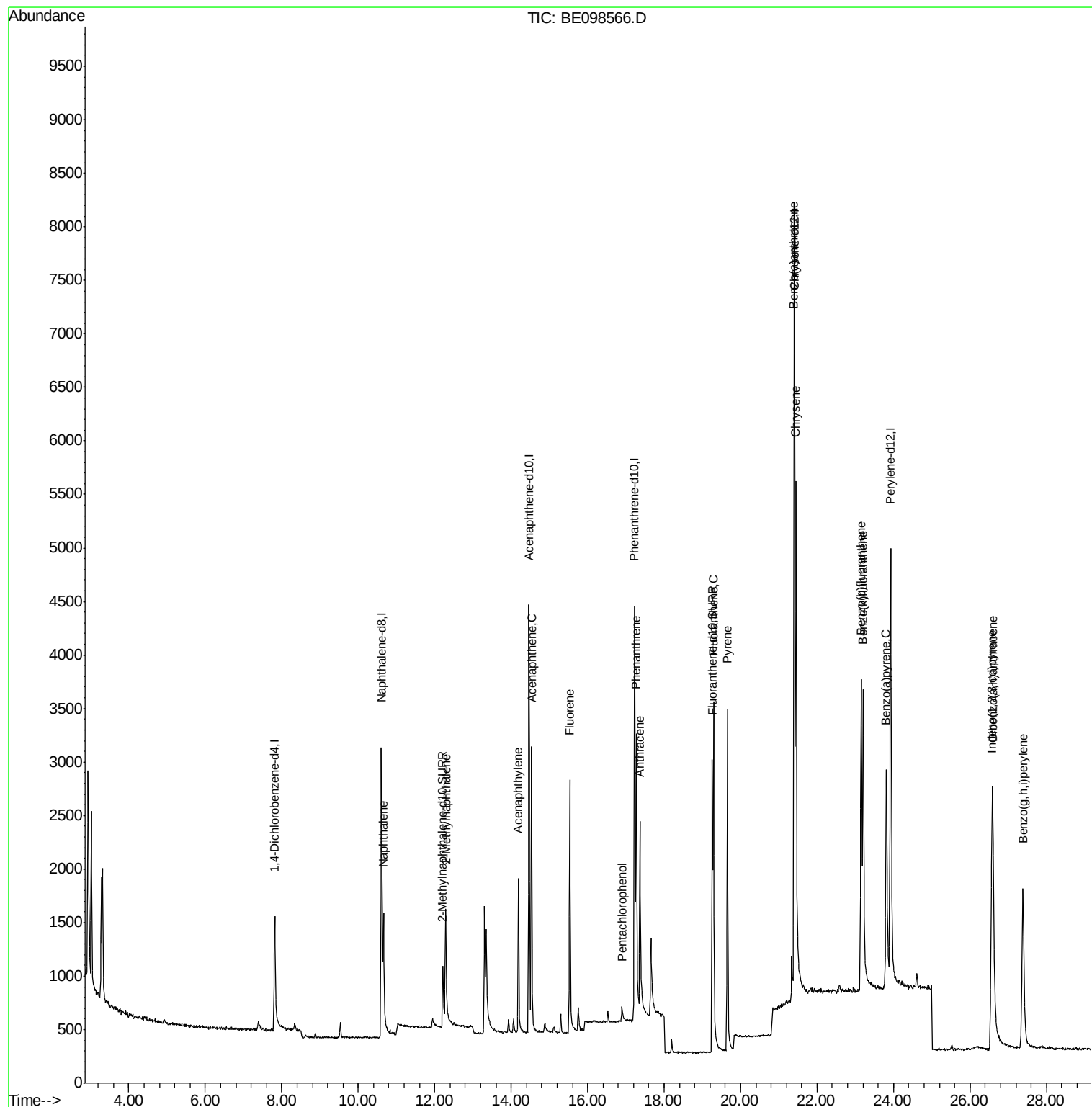
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	799	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	3726	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	2454	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	6232	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	7286	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7384	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1188	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	3867	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.66	128	2062	0.231	ng/ul	95
5) 2-Methylnaphthalene	12.29	142	1252	0.186	ng/ul	98
7) Acenaphthylene	14.19	152	2050	0.212	ng/ul	97
8) Acenaphthene	14.53	153	1627	0.225	ng/ul	98
9) Fluorene	15.53	166	1903	0.219	ng/ul	97
11) Pentachlorophenol	16.90	266	117	0.359	ng/ul	94
12) Phenanthrene	17.27	178	3308	0.230	ng/ul	97
13) Anthracene	17.37	178	2563	0.180	ng/ul	94
15) Fluoranthene	19.29	202	4165	0.227	ng/ul	91
17) Pyrene	19.66	202	4303	0.253	ng/ul#	91
18) Benzo(a)anthracene	21.39	228	4027	0.188	ng/ul	99
19) Chrysene	21.45	228	5498	0.332	ng/ul	98
21) Benzo(b)fluoranthene	23.16	252	4303	0.210	ng/ul	95
22) Benzo(k)fluoranthene	23.21	252	4983	0.249	ng/ul#	95
23) Benzo(a)pyrene	23.81	252	4238	0.215	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.57	276	4889	0.217	ng/ul#	91
25) Dibenzo(a,h)anthracene	26.59	278	3947	0.210	ng/ul#	92
26) Benzo(g,h,i)perylene	27.38	276	4328	0.228	ng/ul#	95

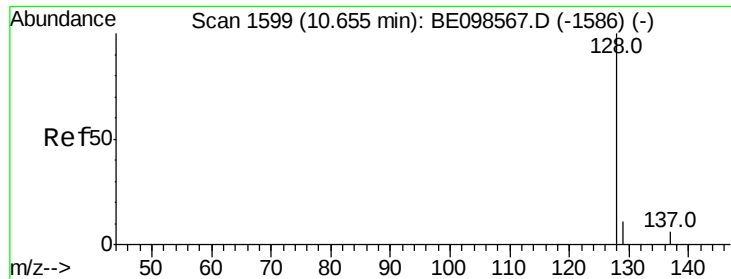
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.231 ng/ul

RT: 10.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

Instrument :

BNA_E

ClientSampleId :

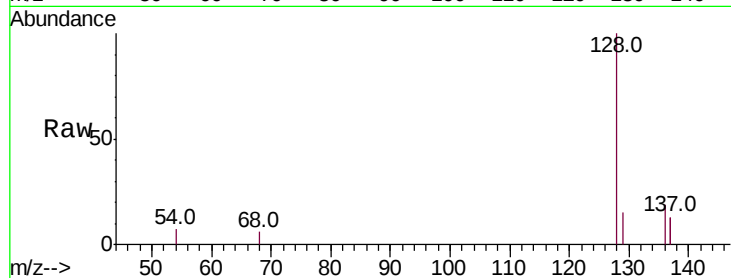
Tot Ion:128 Resp: 2062

Ion Ratio Lower Upper

128 100

129 15.1 10.5 15.7

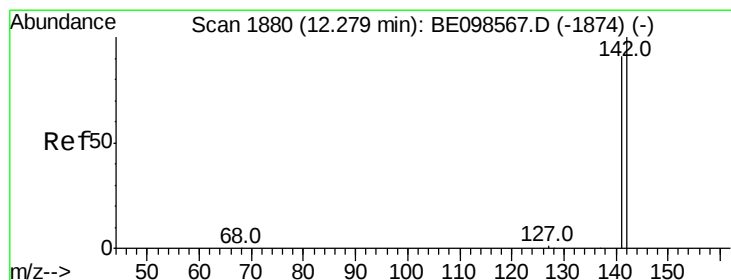
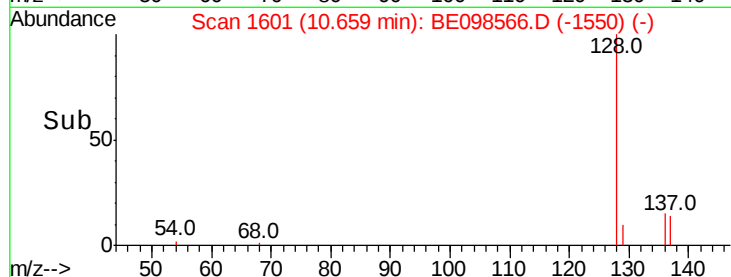
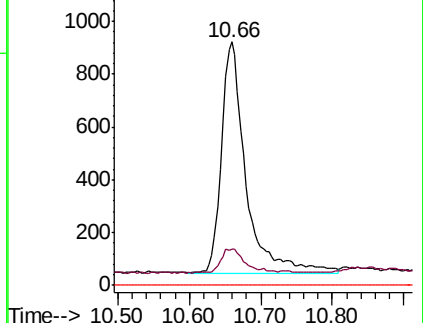
127 0.0 0.0 0.0



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



#5

2-Methylnaphthalene

Concen: 0.186 ng/ul

RT: 12.29 min Scan# 1882

Delta R.T. 0.01 min

Lab File: BE098566.D

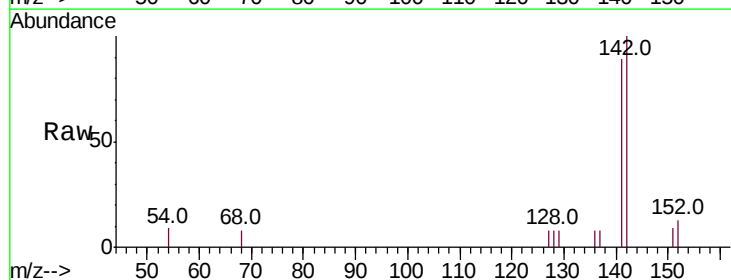
Acq: 28 Dec 2018 10:01

Tgt Ion:142 Resp: 1252

Ion Ratio Lower Upper

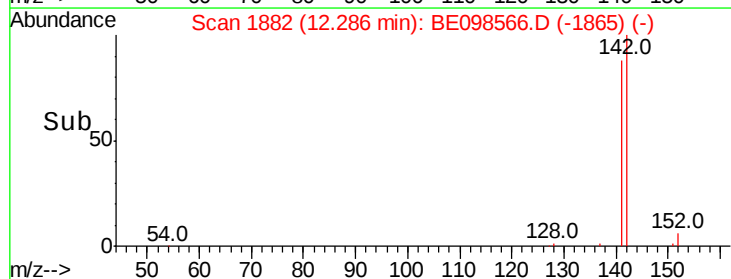
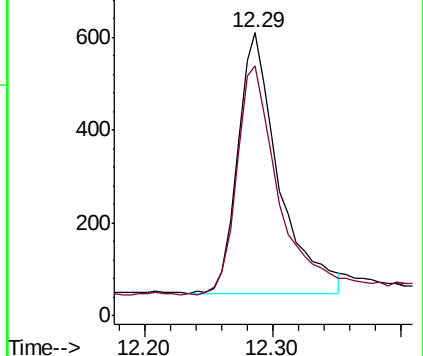
142 100

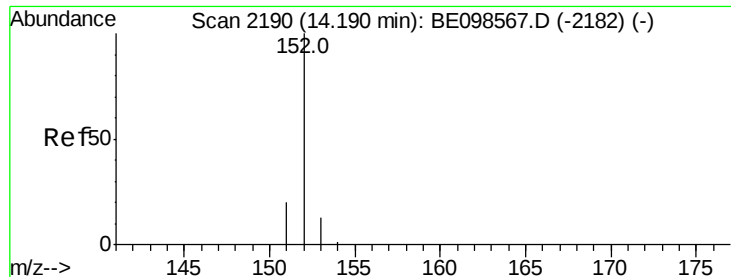
141 89.0 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.212 ng/ul

RT: 14.19 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

Instrument :

BNA_E

ClientSampleId :

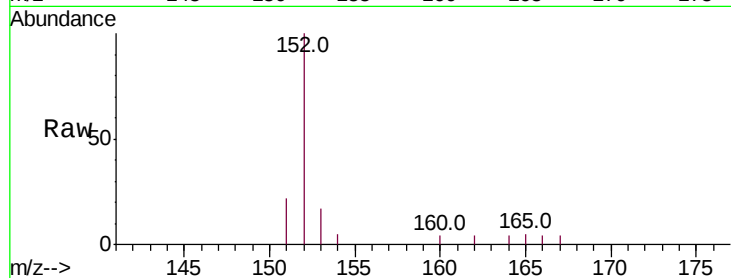
Tot Ion:152 Resp: 2050

Ion Ratio Lower Upper

152 100

151 22.2 17.3 25.9

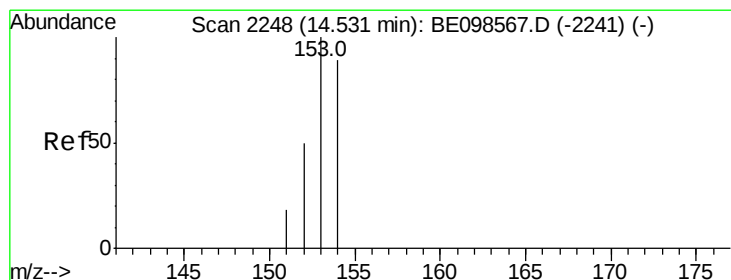
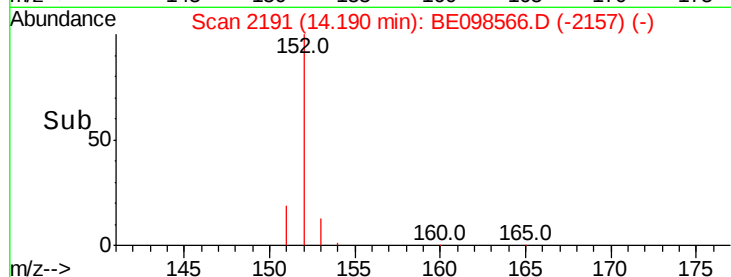
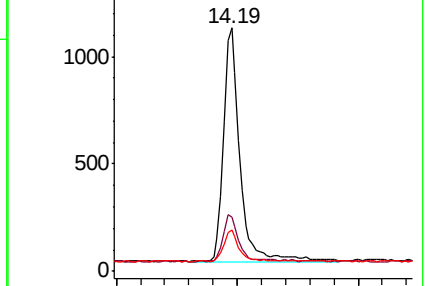
153 17.1 11.9 17.9



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



#8

Acenaphthene

Concen: 0.225 ng/ul

RT: 14.53 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

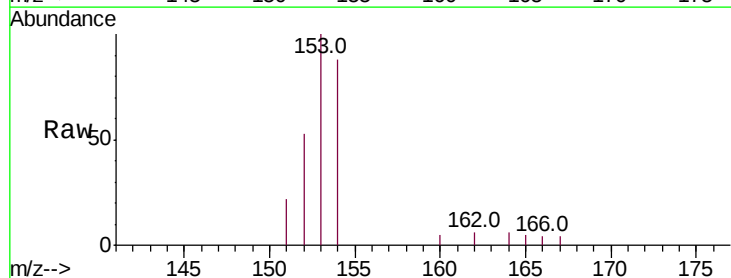
Tgt Ion:153 Resp: 1627

Ion Ratio Lower Upper

153 100

152 52.9 39.4 59.0

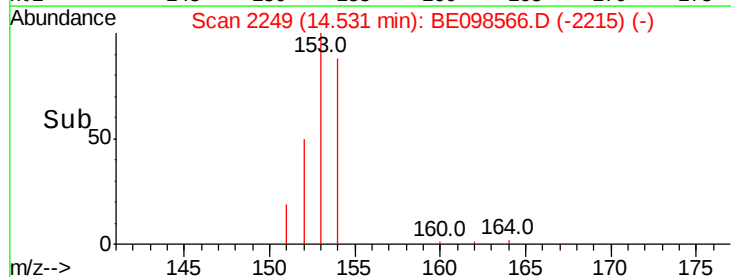
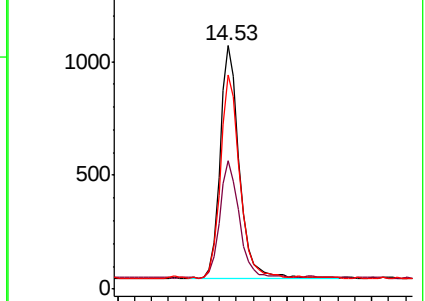
154 88.0 70.5 105.7

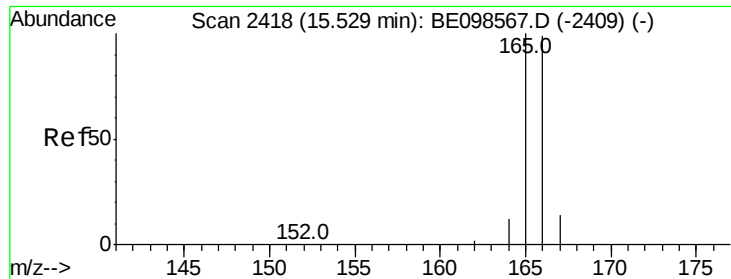


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

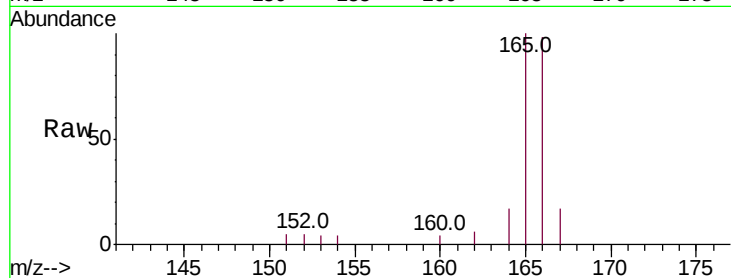




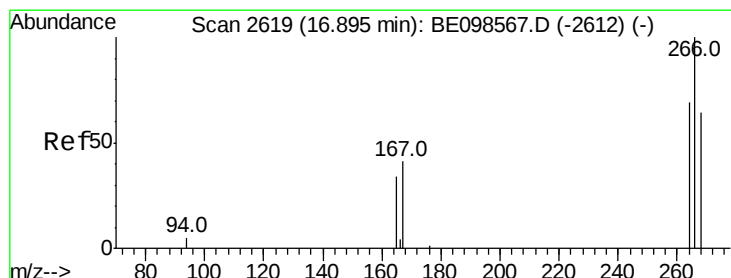
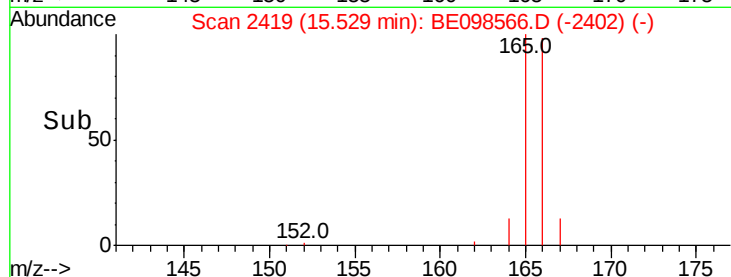
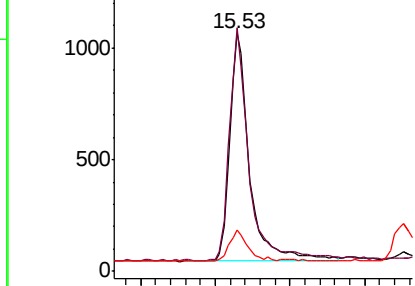
#9
 Fluorene
 Concen: 0.219 ng/ul
 RT: 15.53 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BE098566.D
 Acq: 28 Dec 2018 10:01

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:166 Resp: 1903
 Ion Ratio Lower Upper
 166 100
 165 102.3 80.2 120.4
 167 17.4 12.0 18.0

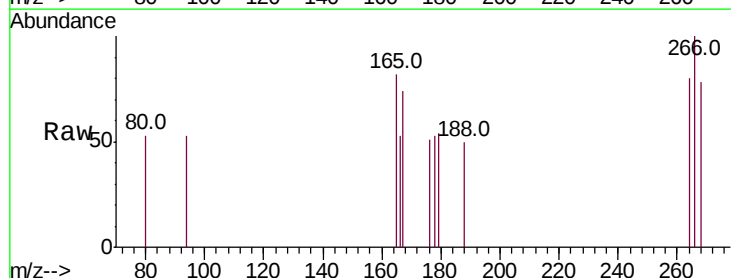


Abundance Ion 166.00 (165.70 to 166.70): E
 1500 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

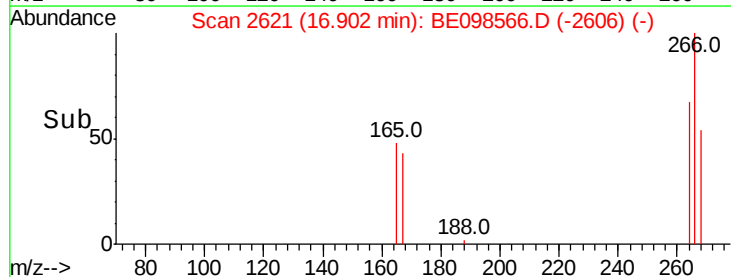
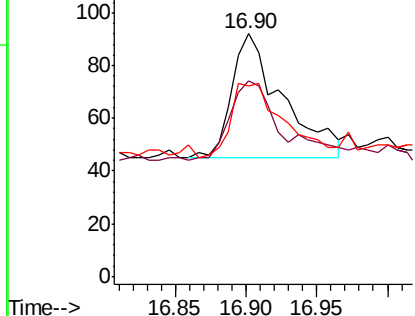


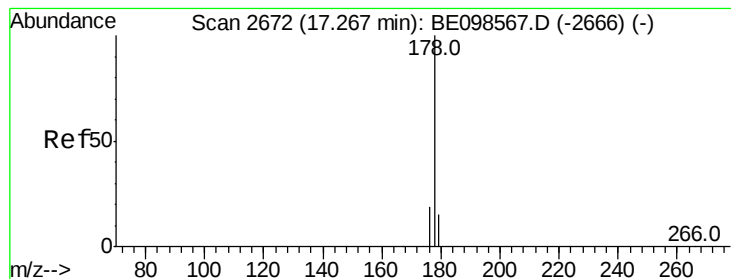
#11
 Pentachlorophenol
 Concen: 0.359 ng/ul
 RT: 16.90 min Scan# 2621
 Delta R.T. 0.01 min
 Lab File: BE098566.D
 Acq: 28 Dec 2018 10:01

Tgt Ion:266 Resp: 117
 Ion Ratio Lower Upper
 266 100
 264 65.8 48.5 72.7
 268 62.4 53.7 80.5



Abundance Ion 266.00 (265.70 to 266.70): E
 120 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.230 ng/ul

RT: 17.27 min Scan# 2674

Delta R.T. 0.01 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

Instrument :

BNA_E

ClientSampleId :

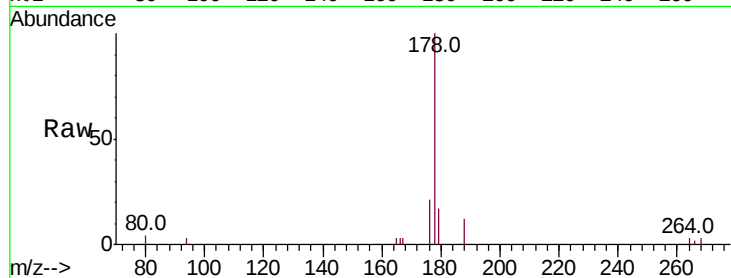
Tot Ion:178 Resp: 3308

Ion Ratio Lower Upper

178 100

179 17.2 13.0 19.4

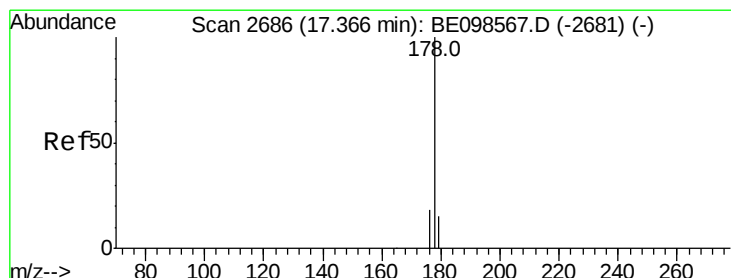
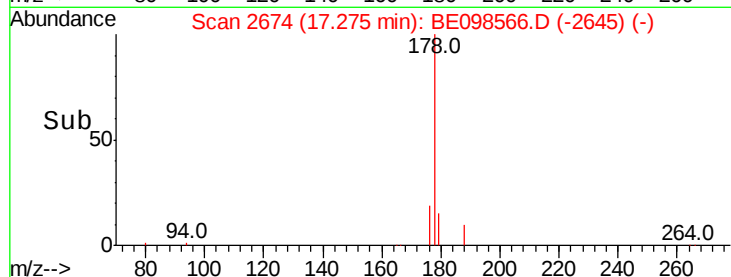
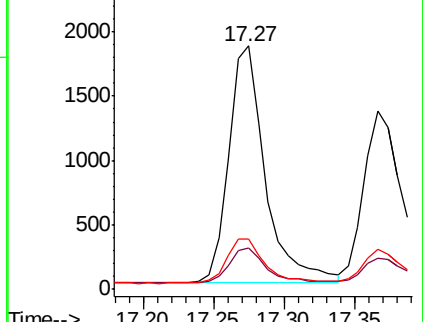
176 20.9 15.7 23.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.180 ng/ul

RT: 17.37 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

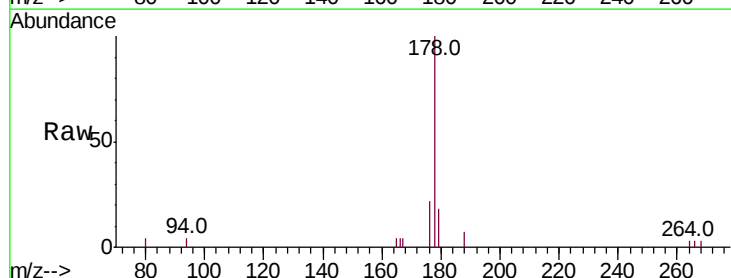
Tgt Ion:178 Resp: 2563

Ion Ratio Lower Upper

178 100

179 17.7 12.6 19.0

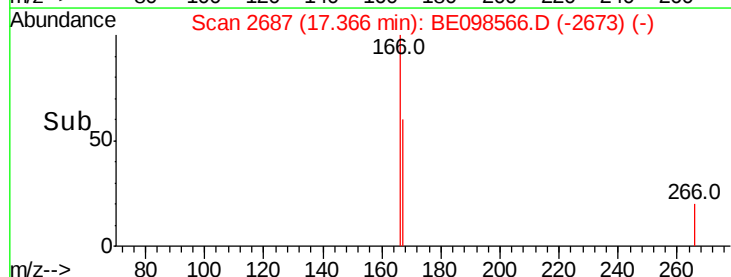
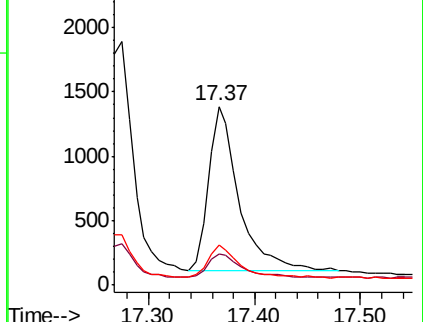
176 22.4 15.6 23.4

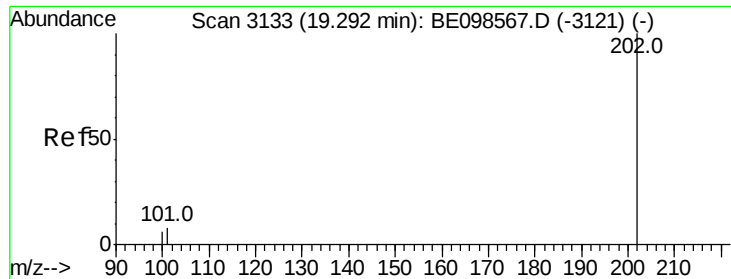


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.227 ng/ul

RT: 19.29 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

Instrument :

BNA_E

ClientSampleId :

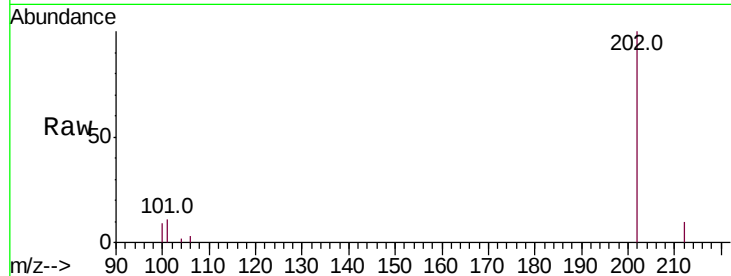
Tot Ion:202 Resp: 4165

Ion Ratio Lower Upper

202 100

101 10.6 0.0 27.5

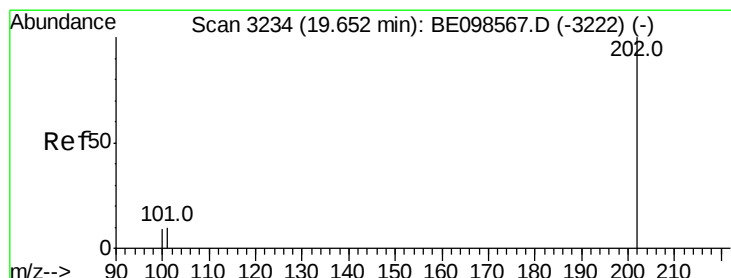
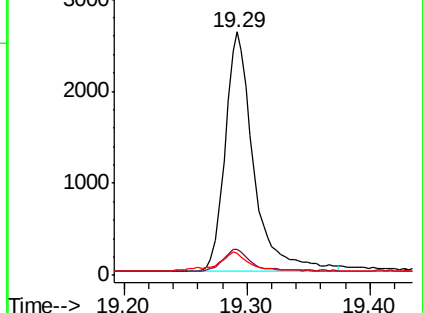
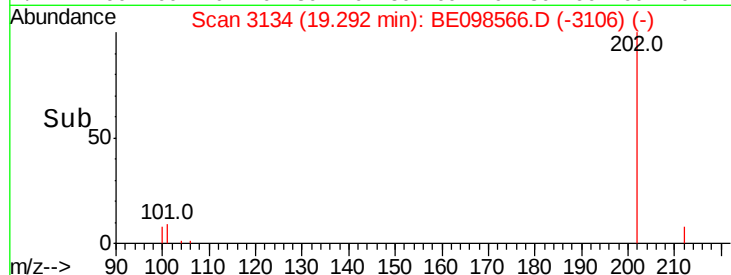
100 9.2 0.0 26.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 0.253 ng/ul

RT: 19.66 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

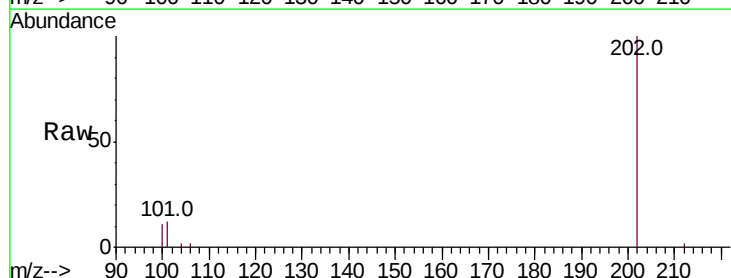
Tgt Ion:202 Resp: 4303

Ion Ratio Lower Upper

202 100

101 11.6 6.9 10.3#

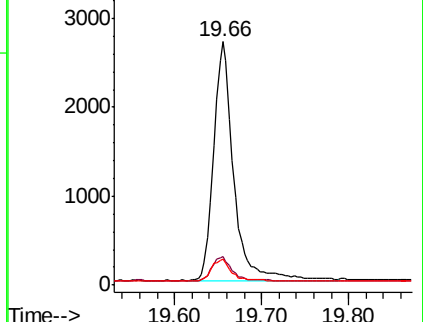
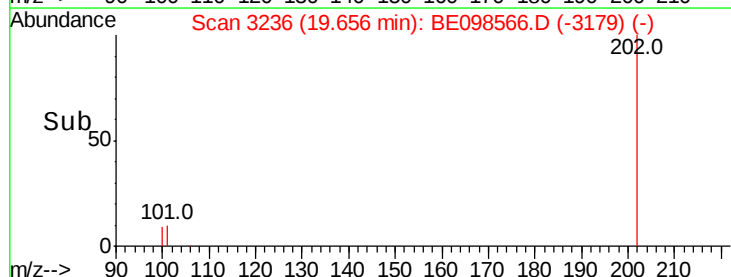
100 10.5 6.0 9.0#

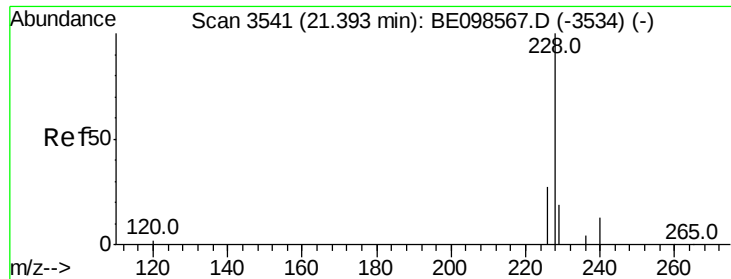


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.188 ng/ul

RT: 21.39 min Scan# 3542

Delta R.T. -0.00 min

Lab File: BE098566.D

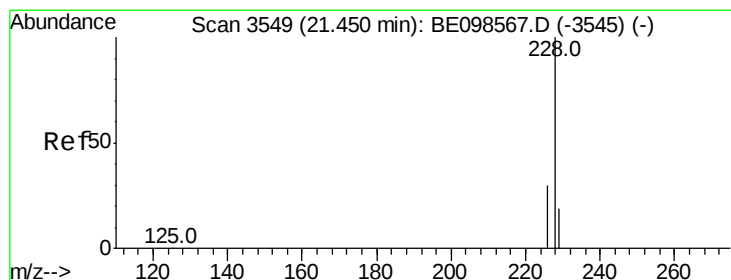
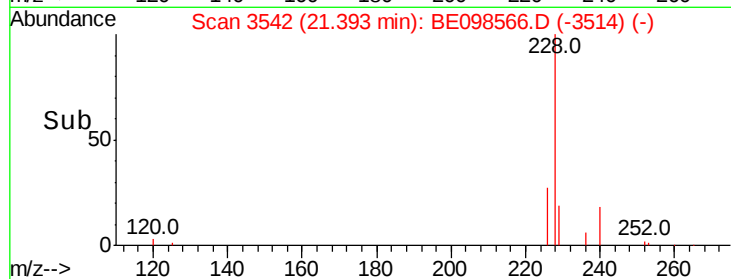
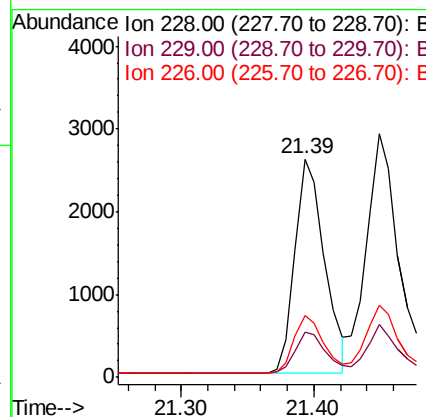
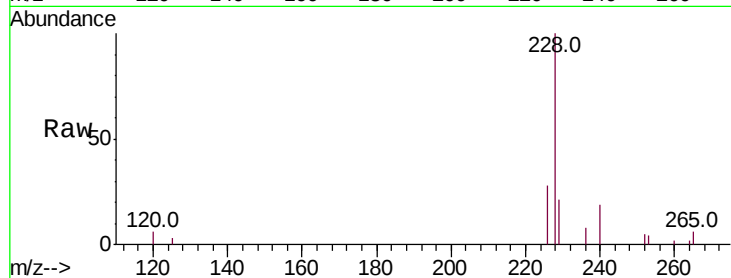
Acq: 28 Dec 2018 10:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:228	Resp:	4027
Ion Ratio	Lower	Upper
228	100	
229	20.9	16.1 24.1
226	28.4	22.2 33.4



#19

Chrysene

Concen: 0.332 ng/ul

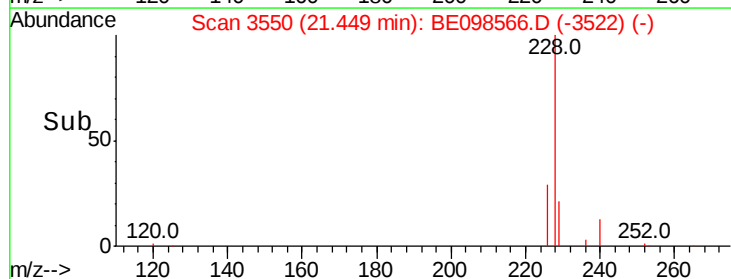
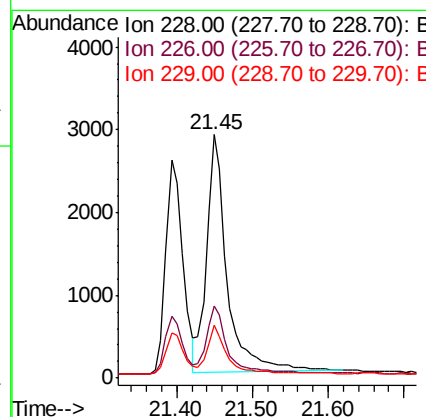
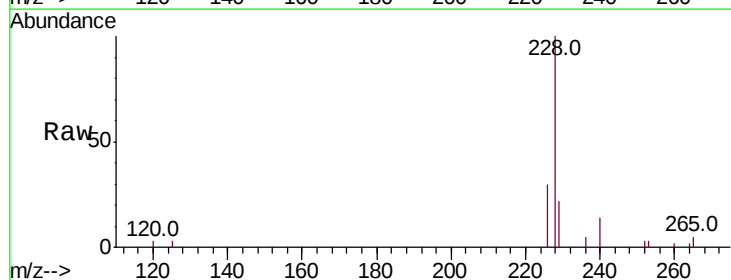
RT: 21.45 min Scan# 3550

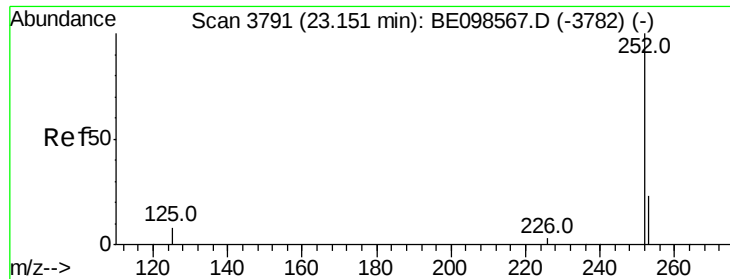
Delta R.T. -0.00 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

Tgt Ion:228	Resp:	5498
Ion Ratio	Lower	Upper
228	100	
226	29.9	24.6 37.0
229	21.9	16.4 24.6





#21

Benzo(b)fluoranthene

Concen: 0.210 ng/ul

RT: 23.16 min Scan# 3793

Delta R.T. 0.01 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

Instrument :

BNA_E

ClientSampleId :

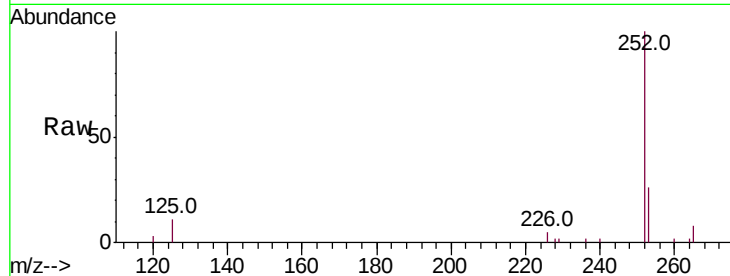
Tot Ion:252 Resp: 4303

Ion Ratio Lower Upper

252 100

253 25.8 0.0 47.8

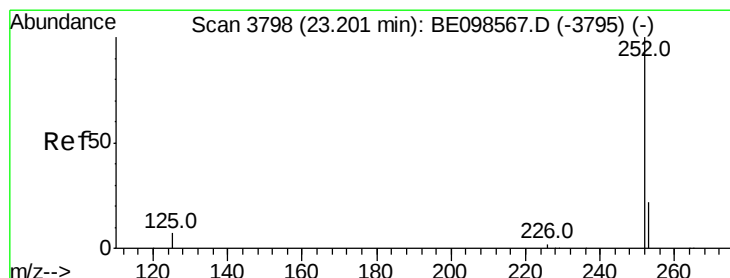
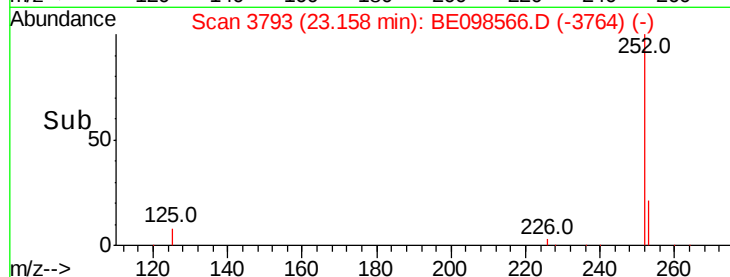
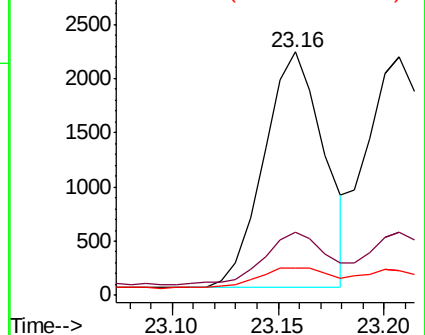
125 11.3 0.0 16.8



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



#22

Benzo(k)fluoranthene

Concen: 0.249 ng/ul

RT: 23.21 min Scan# 3800

Delta R.T. 0.01 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

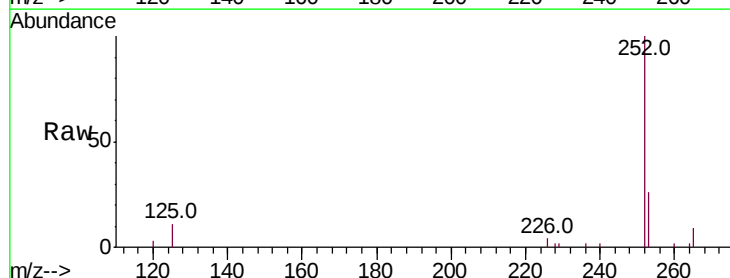
Tgt Ion:252 Resp: 4983

Ion Ratio Lower Upper

252 100

253 26.2 19.3 28.9

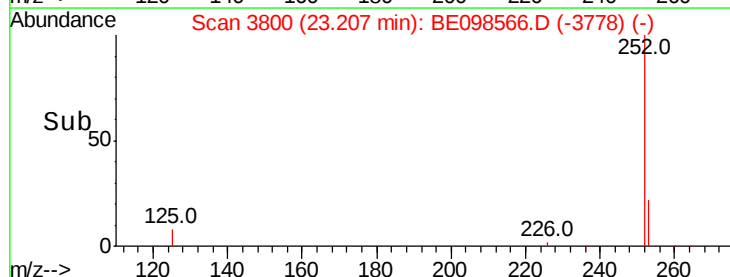
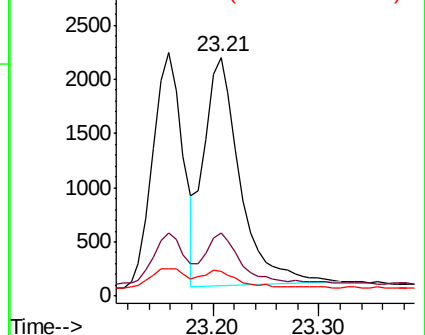
125 10.6 6.2 9.2#

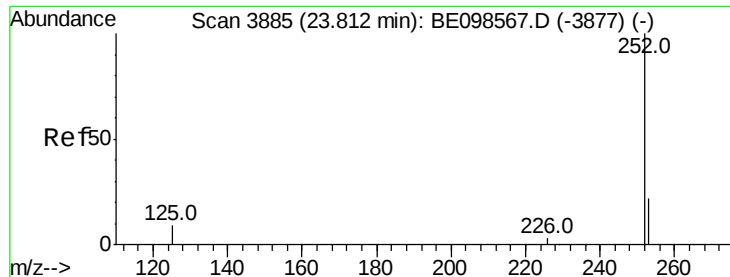


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.215 ng/ul

RT: 23.81 min Scan# 3886

Delta R.T. -0.00 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

Instrument :

BNA_E

ClientSampleId :

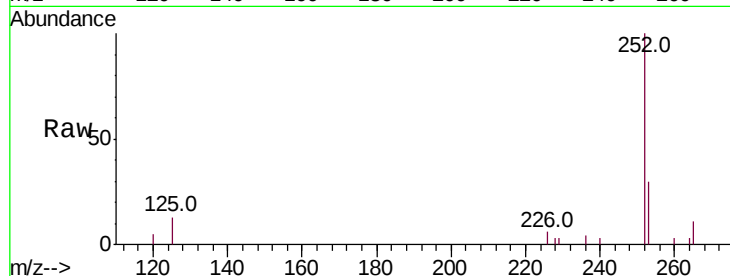
Tot Ion:252 Resp: 4238

Ion Ratio Lower Upper

252 100

253 29.5 19.4 29.2#

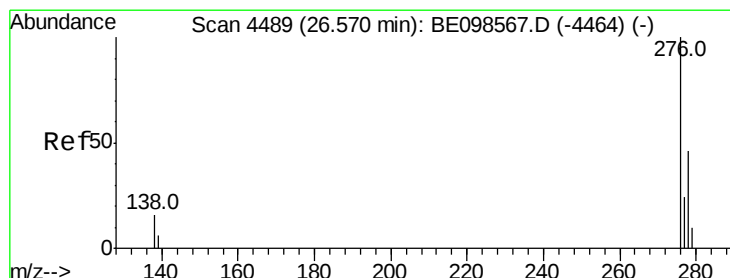
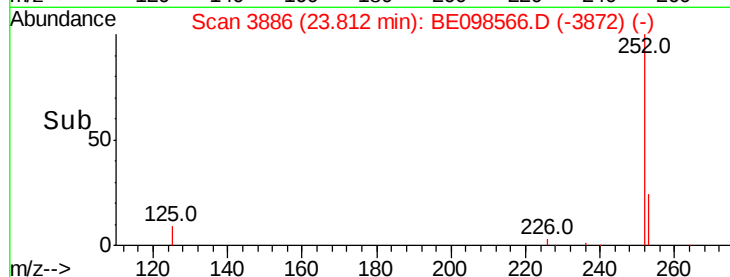
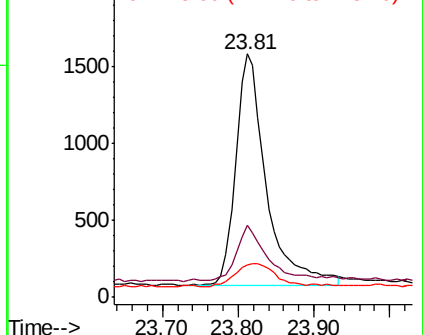
125 13.2 7.8 11.8#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.217 ng/ul

RT: 26.57 min Scan# 4491

Delta R.T. 0.00 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

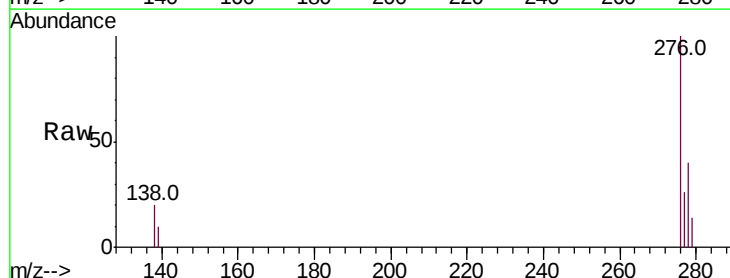
Tgt Ion:276 Resp: 4889

Ion Ratio Lower Upper

276 100

138 18.6 11.8 17.8#

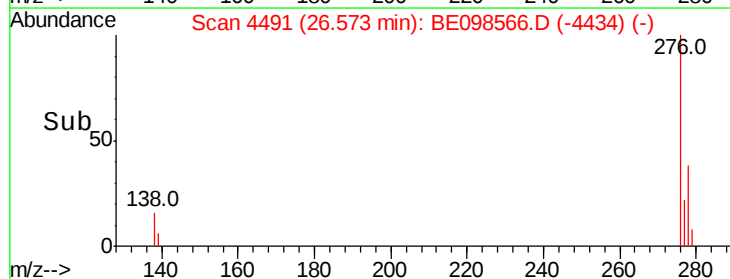
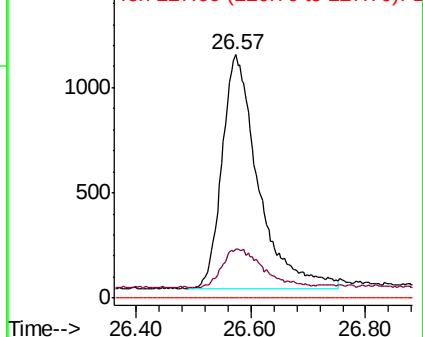
227 0.0 0.0 0.0

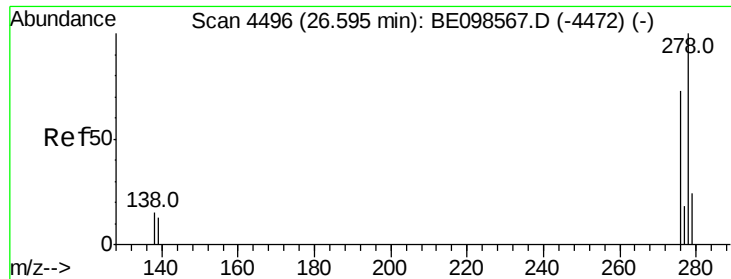


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.210 ng/ul

RT: 26.59 min Scan# 4497

Delta R.T. -0.00 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

Instrument :

BNA_E

ClientSampleId :

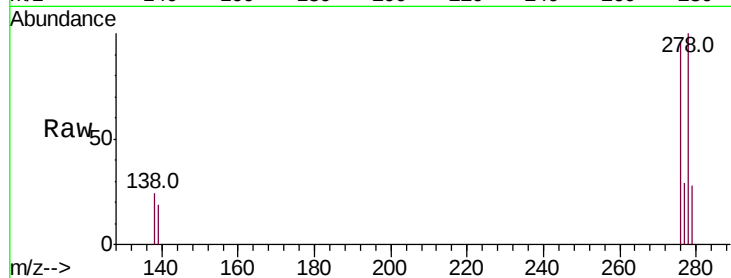
Tot Ion:278 Resp: 3947

Ion Ratio Lower Upper

278 100

139 18.8 10.0 15.0#

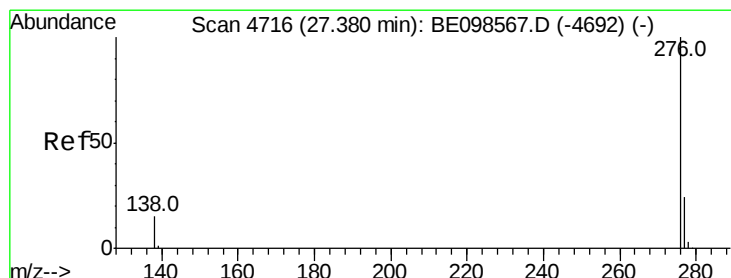
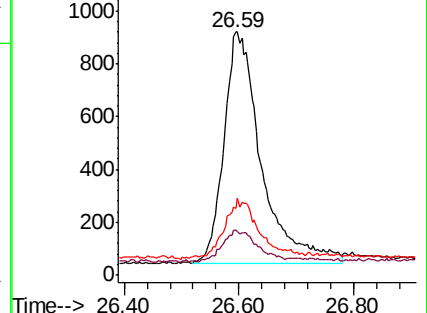
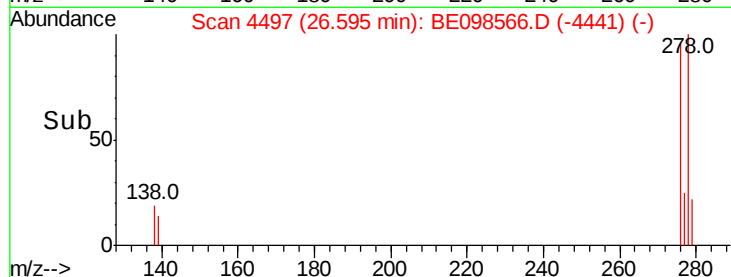
279 27.7 20.3 30.5



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



#26

Benzo(g,h,i)perylene

Concen: 0.228 ng/ul

RT: 27.38 min Scan# 4718

Delta R.T. 0.00 min

Lab File: BE098566.D

Acq: 28 Dec 2018 10:01

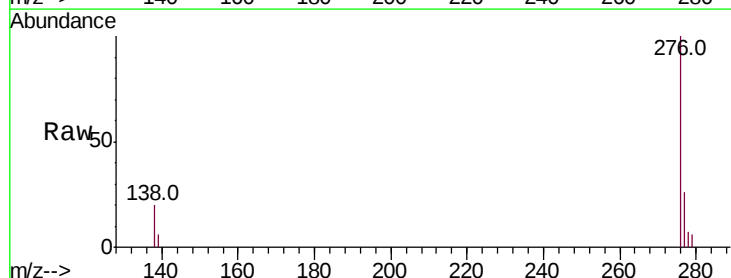
Tgt Ion:276 Resp: 4328

Ion Ratio Lower Upper

276 100

138 19.8 11.6 17.4#

277 26.5 20.8 31.2



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

