

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122818\
 Data File : BE098568.D
 Acq On : 28 Dec 2018 11:13
 Operator : SJ/JU
 Sample : SST00.805
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SST00.805

Quant Time: Dec 28 11:45:13 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

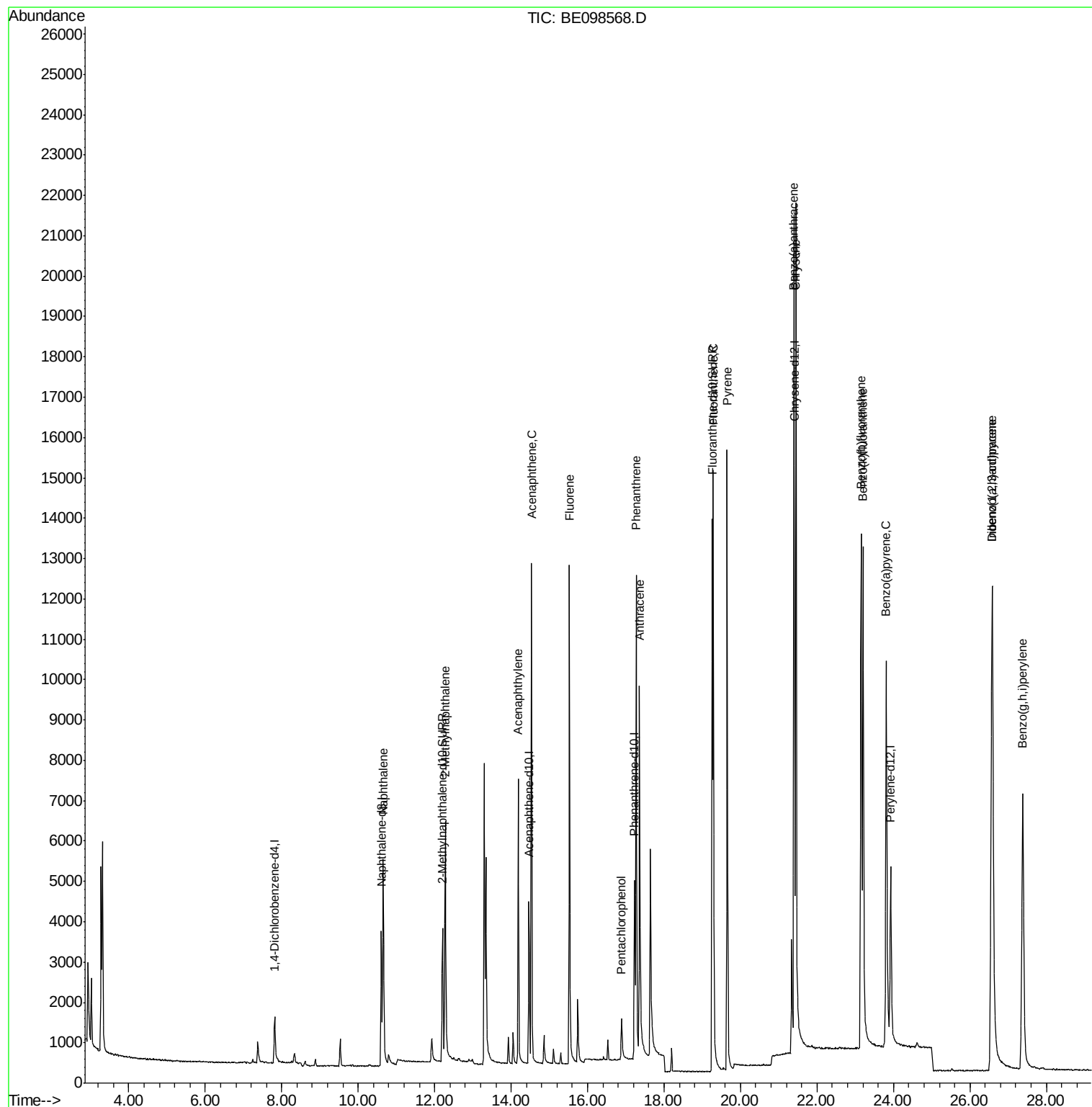
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	838	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	3978	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	2532	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	6457	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	7833	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7557	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	5385	0.76	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	16983	0.81	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.66	128	8837	0.928	ng/ul	97
5) 2-Methylnaphthalene	12.28	142	5874	0.816	ng/ul	100
7) Acenaphthylene	14.18	152	8987	0.900	ng/ul	98
8) Acenaphthene	14.53	153	7118	0.954	ng/ul	98
9) Fluorene	15.52	166	8562	0.953	ng/ul	99
11) Pentachlorophenol	16.89	266	709	2.099	ng/ul	95
12) Phenanthrene	17.27	178	14356	0.963	ng/ul	99
13) Anthracene	17.36	178	12558	0.853	ng/ul	99
15) Fluoranthene	19.29	202	18595	0.979	ng/ul	94
17) Pyrene	19.65	202	21148	1.156	ng/ul#	95
18) Benzo(a)anthracene	21.39	228	18777	0.815	ng/ul	99
19) Chrysene	21.45	228	22304	1.252	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	19135	0.914	ng/ul	97
22) Benzo(k)fluoranthene	23.21	252	20215	0.986	ng/ul	98
23) Benzo(a)pyrene	23.81	252	18173	0.902	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.57	276	21202	0.919	ng/ul#	91
25) Dibenzo(a,h)anthracene	26.59	278	17399	0.905	ng/ul	98
26) Benzo(g,h,i)perylene	27.38	276	18297	0.942	ng/ul	96

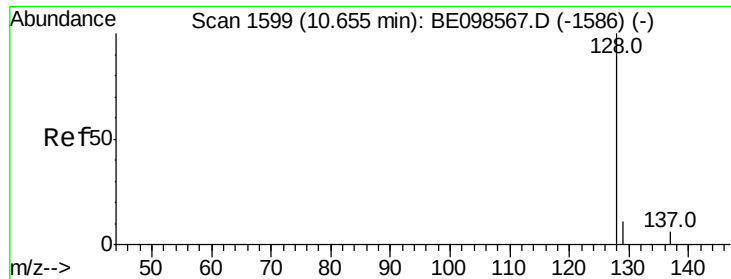
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.928 ng/ul

RT: 10.66 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.805

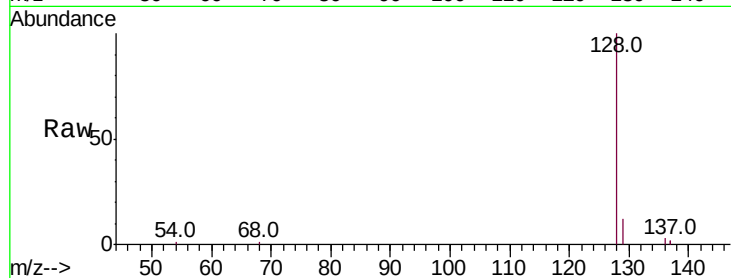
Tot Ion:128 Resp: 8837

Ion Ratio Lower Upper

128 100

129 12.0 10.5 15.7

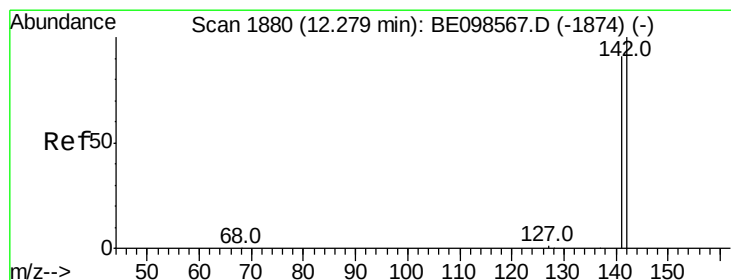
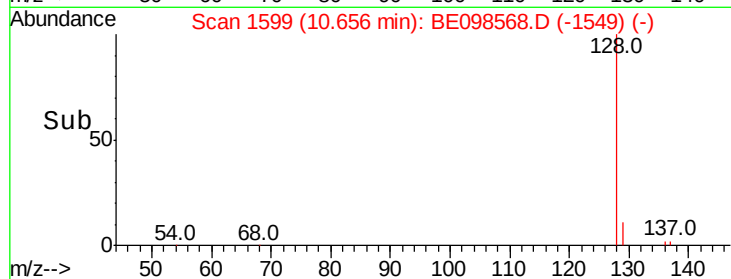
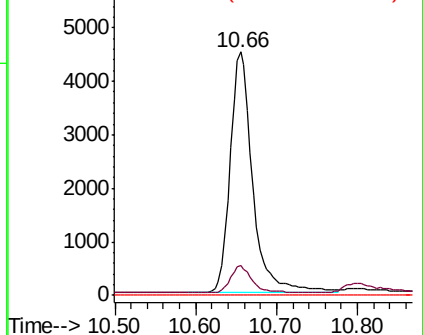
127 0.0 0.0 0.0



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: 0.816 ng/ul

RT: 12.28 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BE098568.D

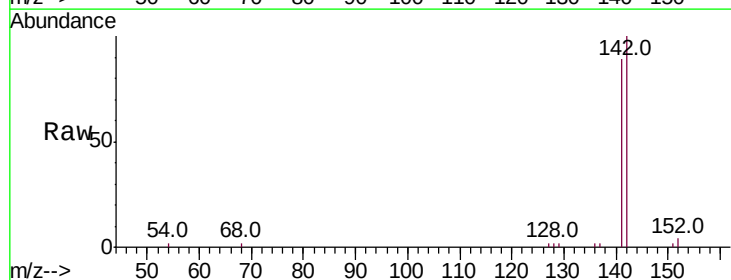
Acq: 28 Dec 2018 11:13

Tgt Ion:142 Resp: 5874

Ion Ratio Lower Upper

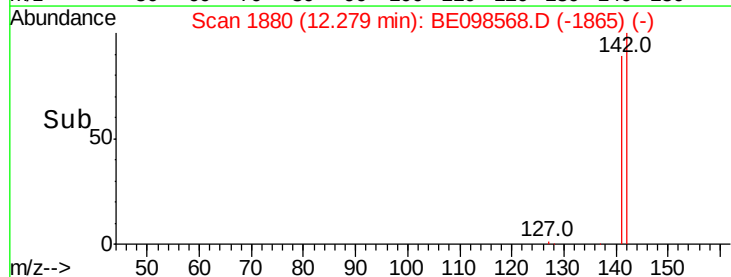
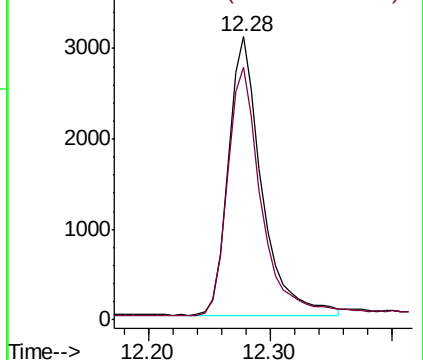
142 100

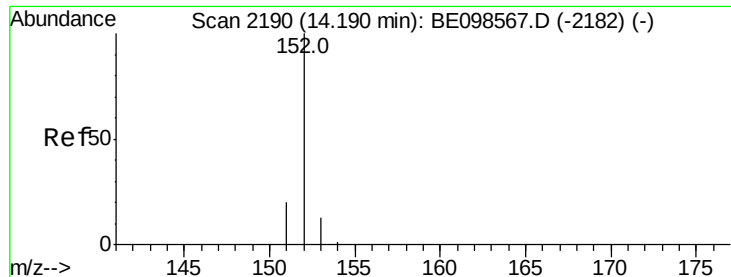
141 90.6 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.900 ng/ul

RT: 14.18 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.805

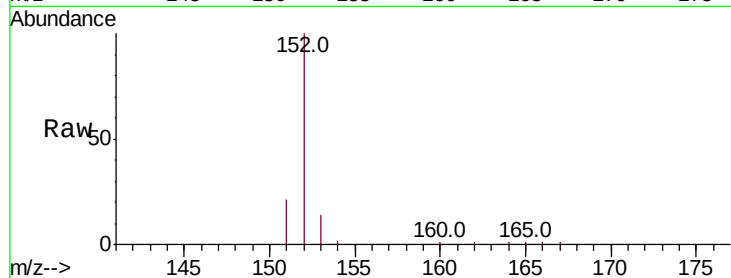
Tot Ion:152 Resp: 8987

Ion Ratio Lower Upper

152 100

151 20.9 17.3 25.9

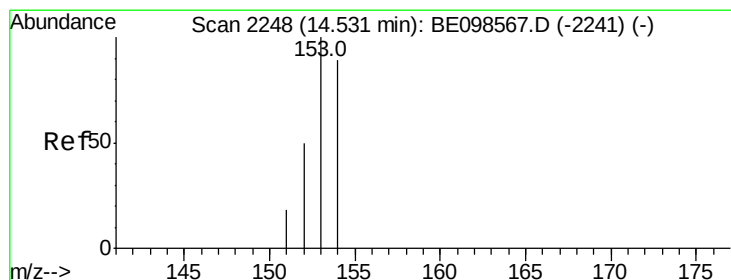
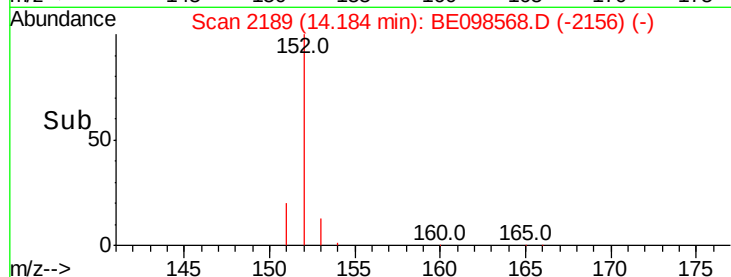
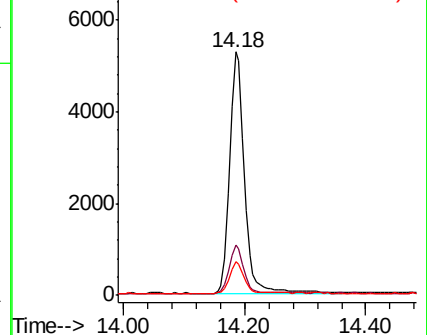
153 14.1 11.9 17.9



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: 0.954 ng/ul

RT: 14.53 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

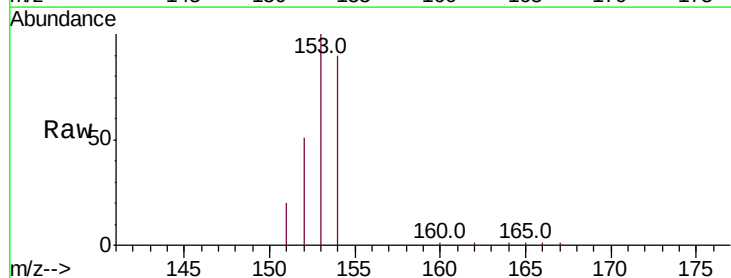
Tgt Ion:153 Resp: 7118

Ion Ratio Lower Upper

153 100

152 51.3 39.4 59.0

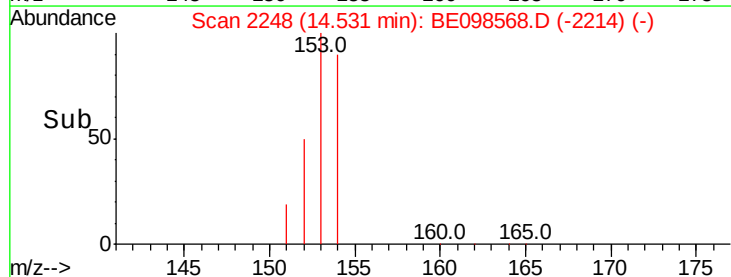
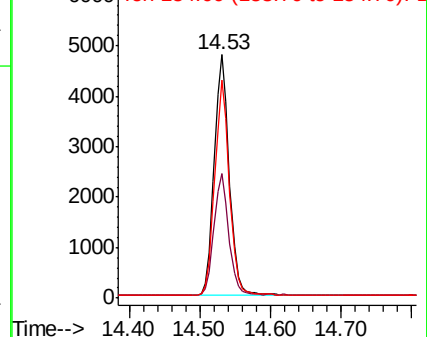
154 89.7 70.5 105.7

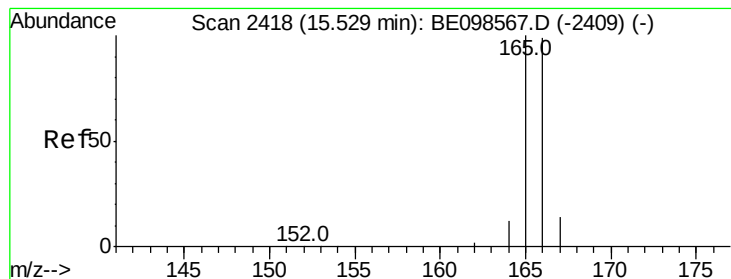


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.953 ng/ul

RT: 15.52 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.805

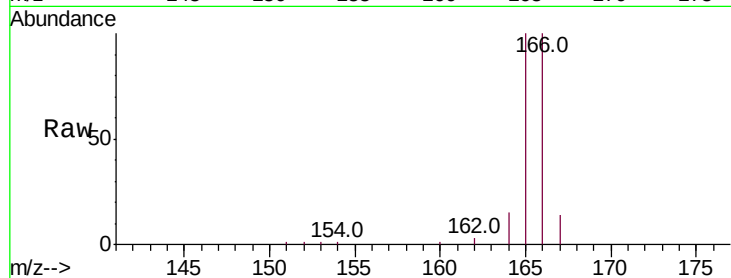
Tot Ion:166 Resp: 8562

Ion Ratio Lower Upper

166 100

165 99.8 80.2 120.4

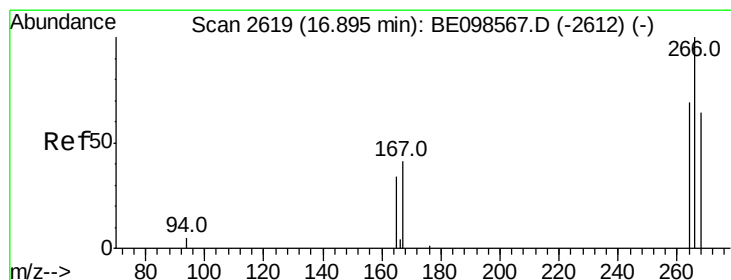
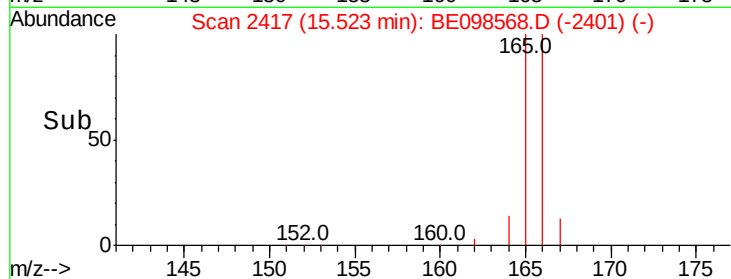
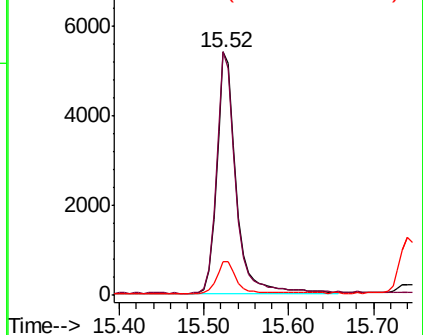
167 14.0 12.0 18.0



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



#11

Pentachlorophenol

Concen: 2.099 ng/ul

RT: 16.89 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

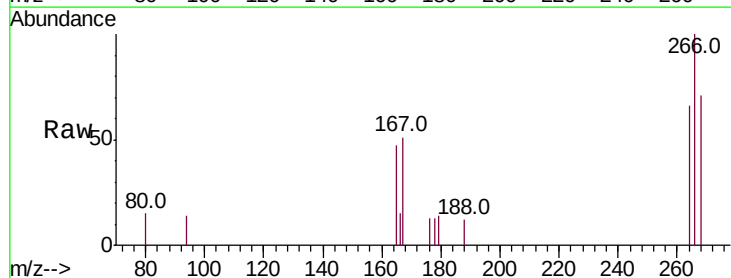
Tgt Ion:266 Resp: 709

Ion Ratio Lower Upper

266 100

264 66.6 48.5 72.7

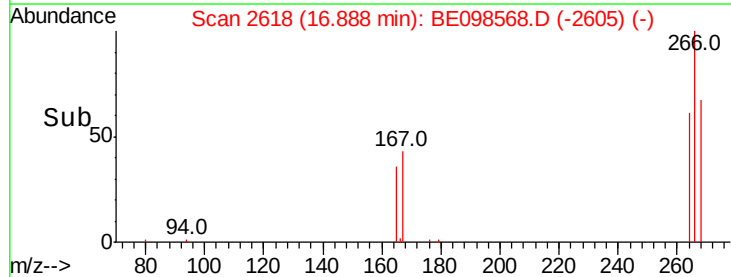
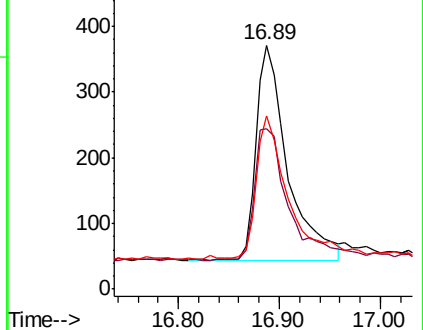
268 65.3 53.7 80.5

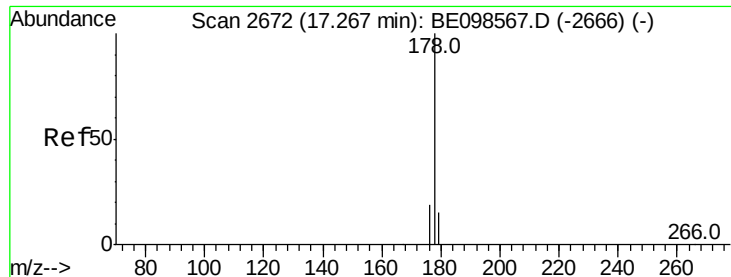


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.963 ng/ul

RT: 17.27 min Scan# 2672

Delta R.T. 0.00 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.805

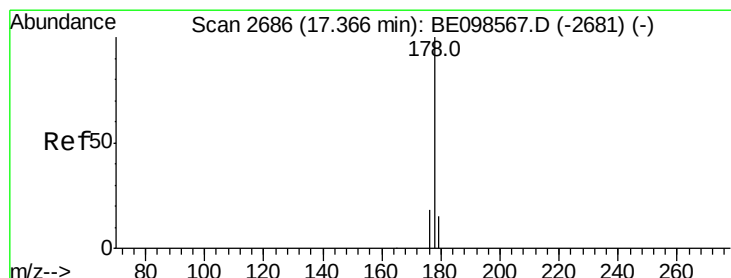
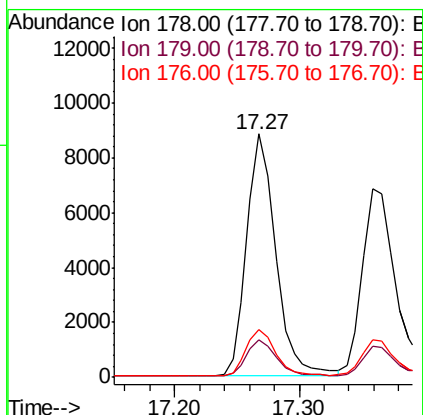
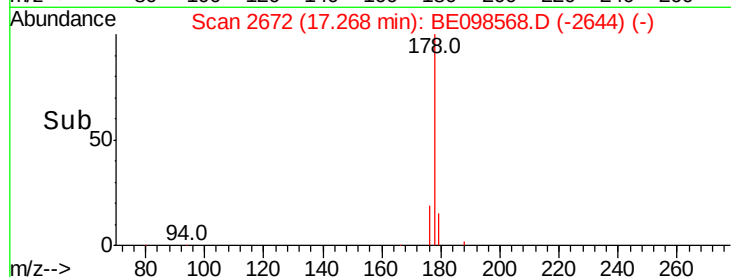
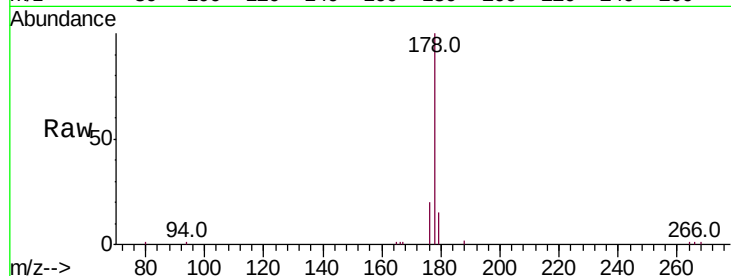
Tot Ion:178 Resp: 14356

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.4

176 19.6 15.7 23.5



#13

Anthracene

Concen: 0.853 ng/ul

RT: 17.36 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

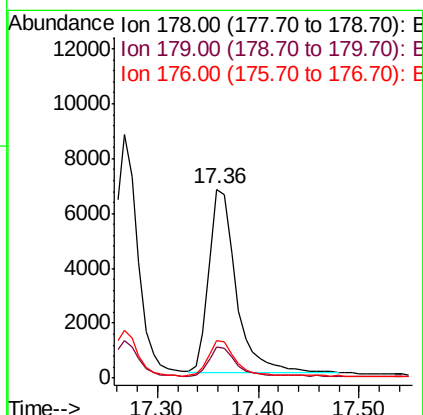
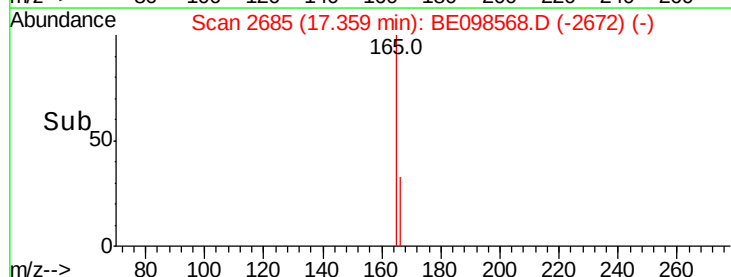
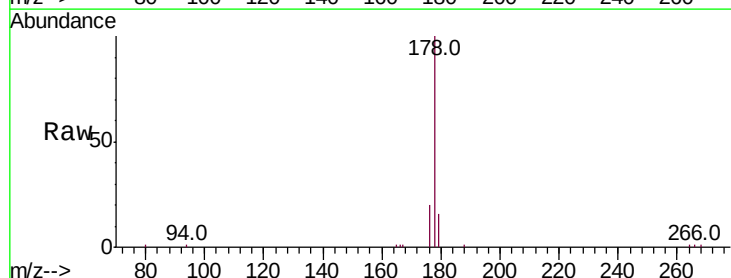
Tgt Ion:178 Resp: 12558

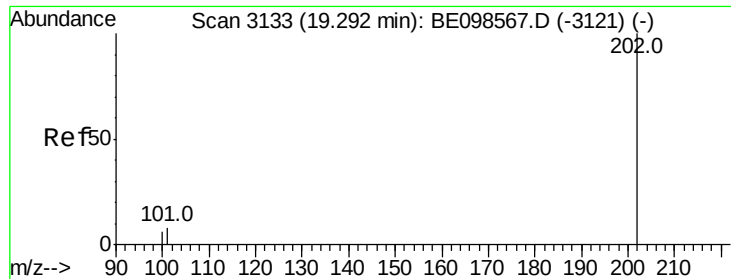
Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

176 19.6 15.6 23.4





#15

Fluoranthene

Concen: 0.979 ng/ul

RT: 19.29 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.805

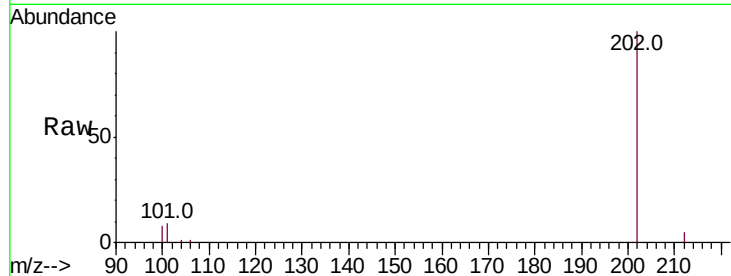
Tot Ion:202 Resp: 18595

Ion Ratio Lower Upper

202 100

101 9.4 0.0 27.5

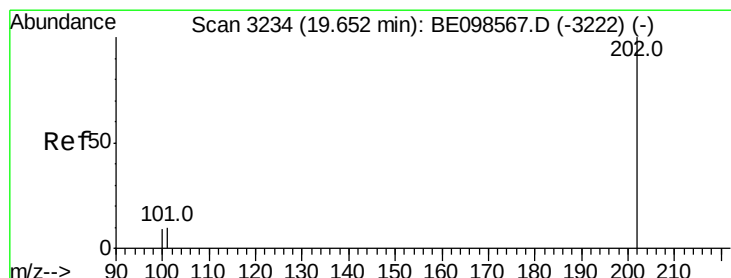
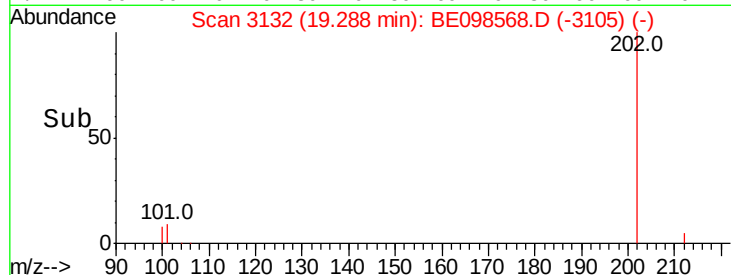
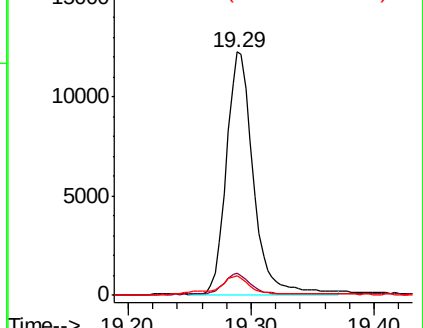
100 8.0 0.0 26.0



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: 1.156 ng/ul

RT: 19.65 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

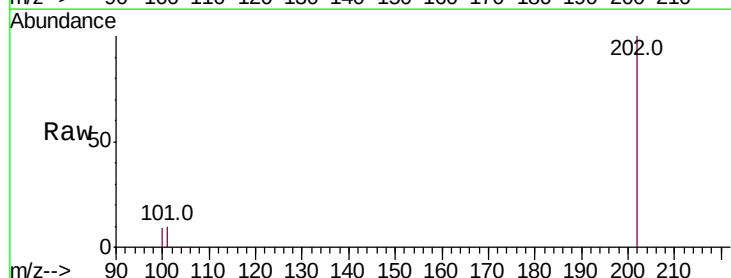
Tgt Ion:202 Resp: 21148

Ion Ratio Lower Upper

202 100

101 10.0 6.9 10.3

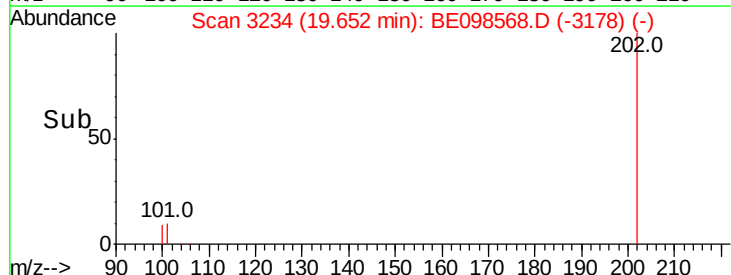
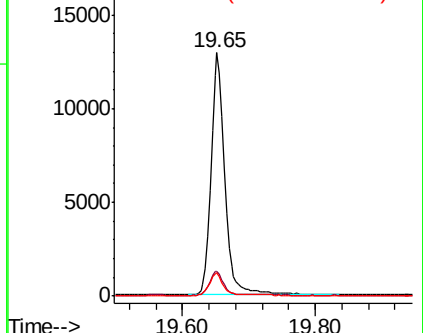
100 9.5 6.0 9.0#

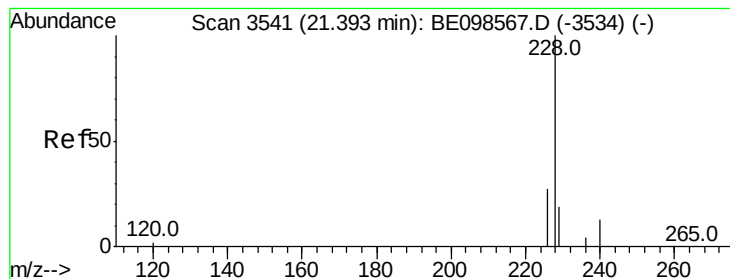


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.815 ng/ul

RT: 21.39 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.805

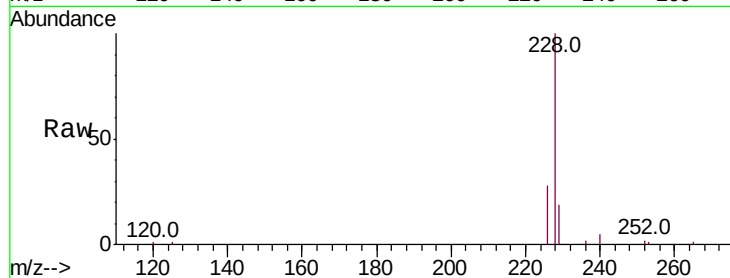
Tot Ion:228 Resp: 18777

Ion Ratio Lower Upper

228 100

229 19.4 16.1 24.1

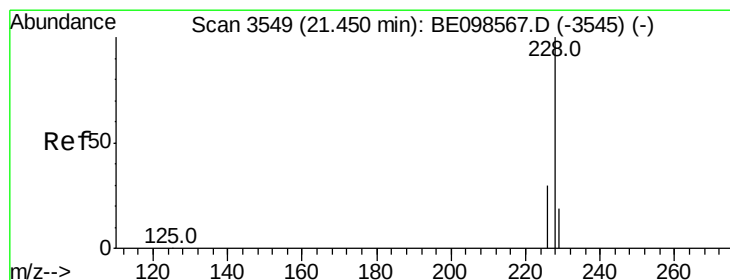
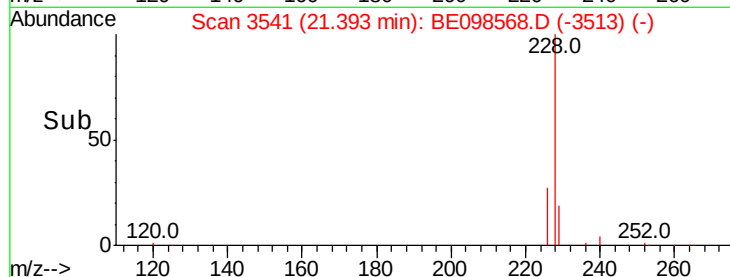
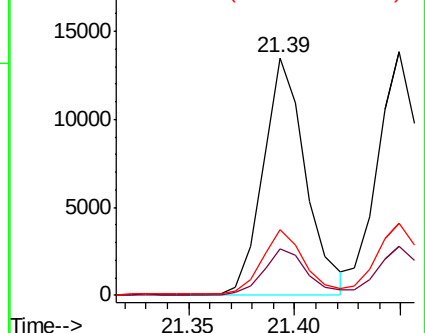
226 27.6 22.2 33.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 1.252 ng/ul

RT: 21.45 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

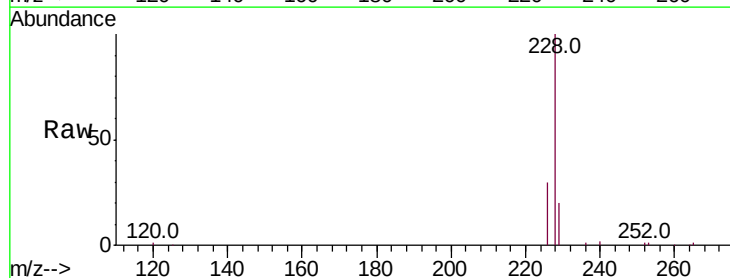
Tgt Ion:228 Resp: 22304

Ion Ratio Lower Upper

228 100

226 29.8 24.6 37.0

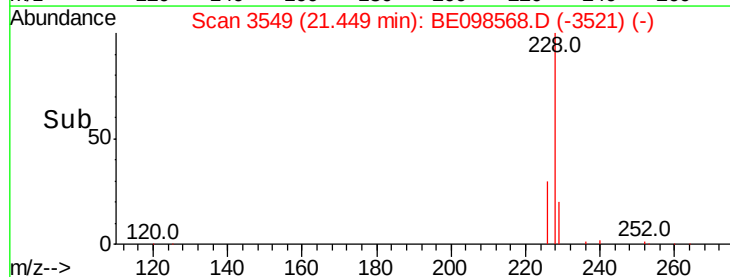
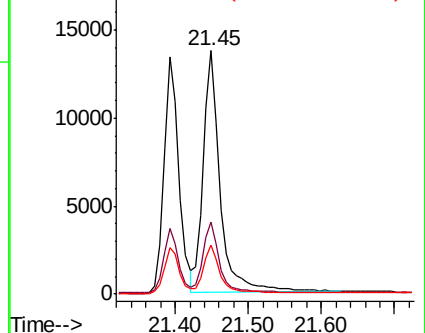
229 20.1 16.4 24.6

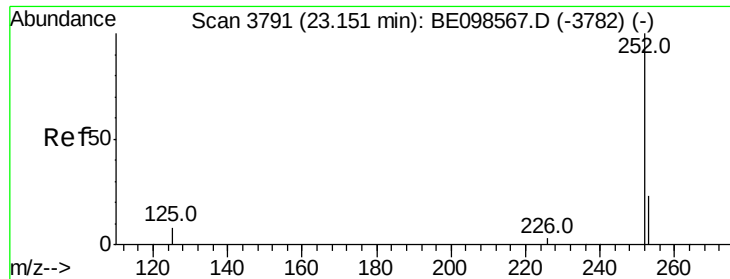


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

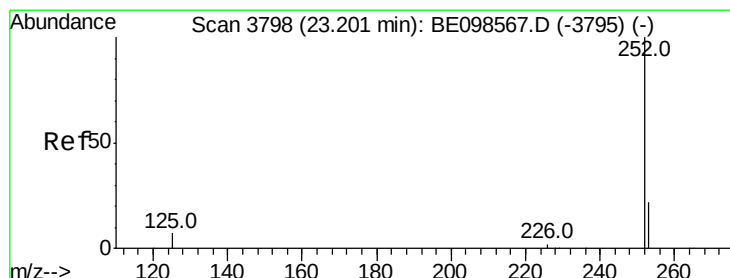
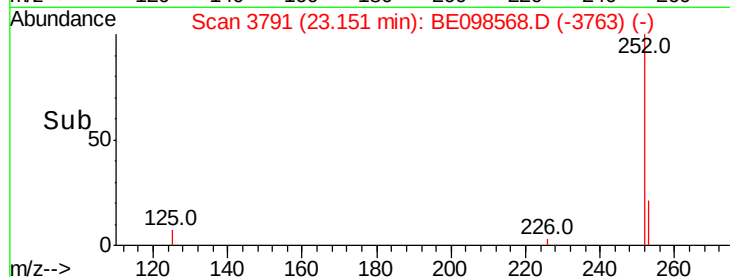
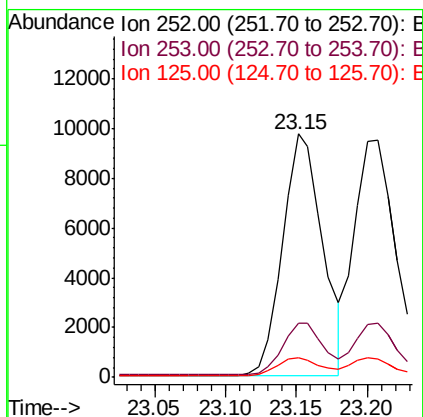
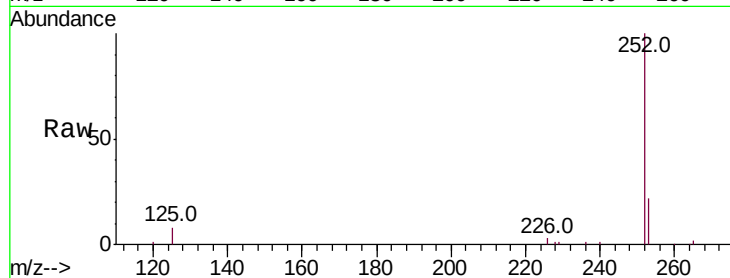




#21
Benzo(b)fluoranthene
Concen: 0.914 ng/ul
RT: 23.15 min Scan# 3791
Delta R.T. -0.00 min
Lab File: BE098568.D
Acq: 28 Dec 2018 11:13

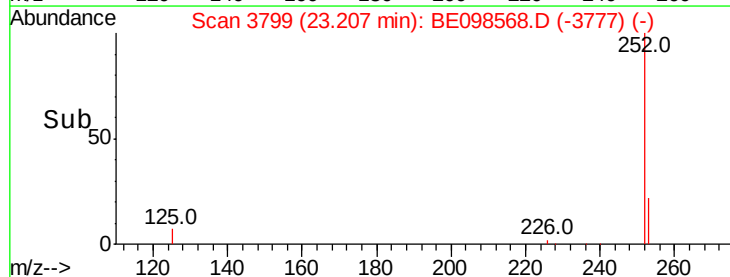
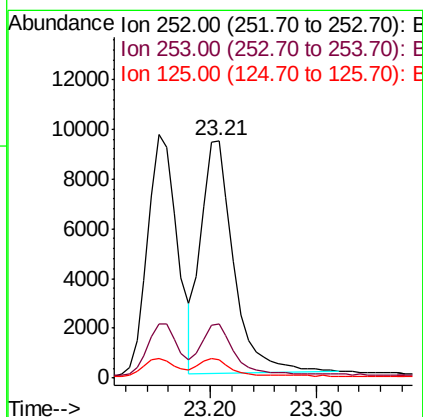
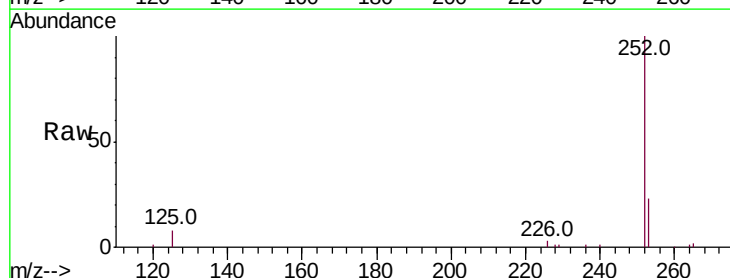
Instrument :
BNA_E
ClientSampleId :
SSTD0.805

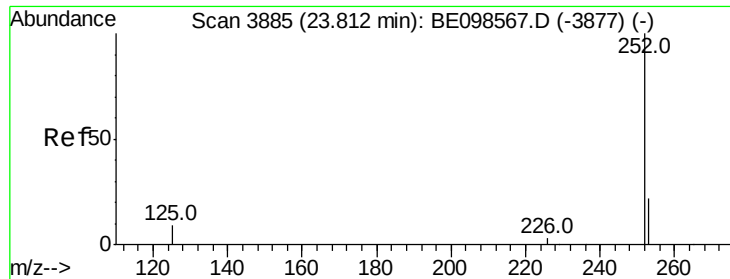
Tot Ion:252 Resp: 19135
Ion Ratio Lower Upper
252 100
253 22.1 0.0 47.8
125 8.0 0.0 16.8



#22
Benzo(k)fluoranthene
Concen: 0.986 ng/ul
RT: 23.21 min Scan# 3799
Delta R.T. 0.01 min
Lab File: BE098568.D
Acq: 28 Dec 2018 11:13

Tgt Ion:252 Resp: 20215
Ion Ratio Lower Upper
252 100
253 22.6 19.3 28.9
125 7.7 6.2 9.2





#23

Benzo(a)pyrene

Concen: 0.902 ng/ul

RT: 23.81 min Scan# 3885

Delta R.T. -0.00 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.805

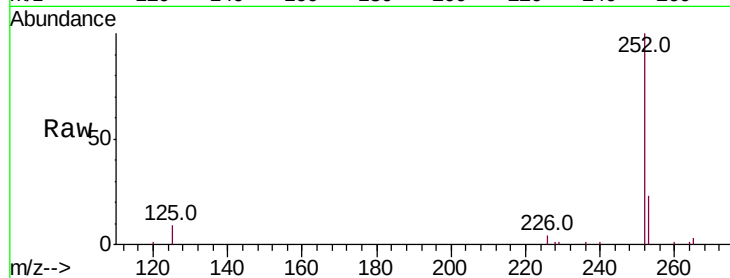
Tot Ion:252 Resp: 18173

Ion Ratio Lower Upper

252 100

253 23.0 19.4 29.2

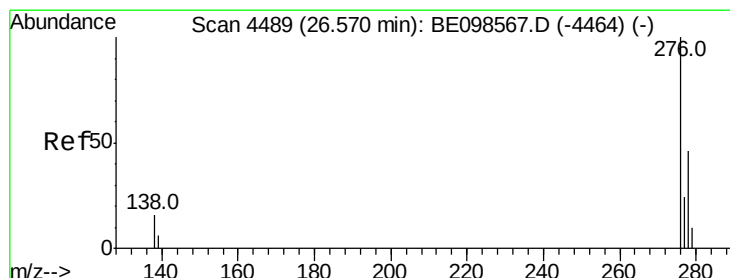
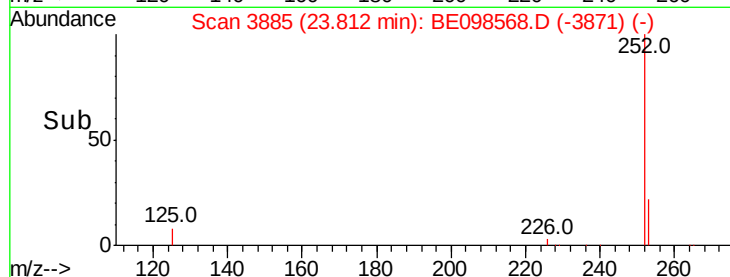
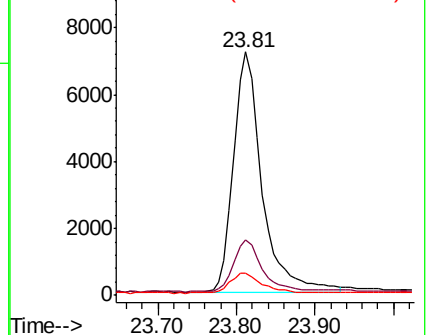
125 9.0 7.8 11.8



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: 0.919 ng/ul

RT: 26.57 min Scan# 4490

Delta R.T. 0.00 min

Lab File: BE098568.D

Acq: 28 Dec 2018 11:13

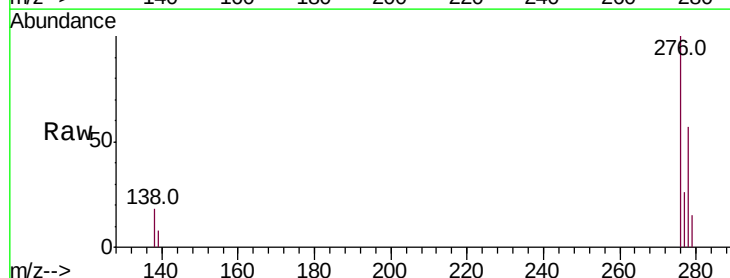
Tgt Ion:276 Resp: 21202

Ion Ratio Lower Upper

276 100

138 18.5 11.8 17.8#

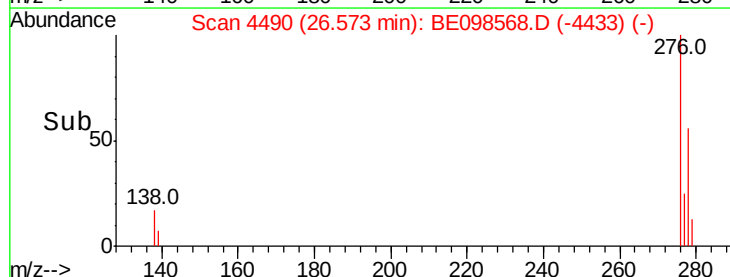
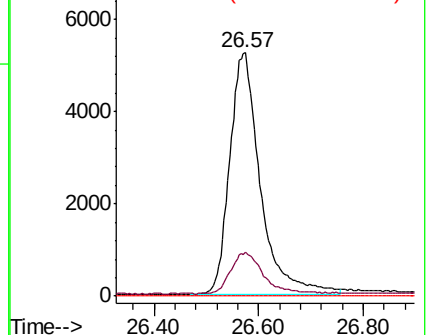
227 0.0 0.0 0.0

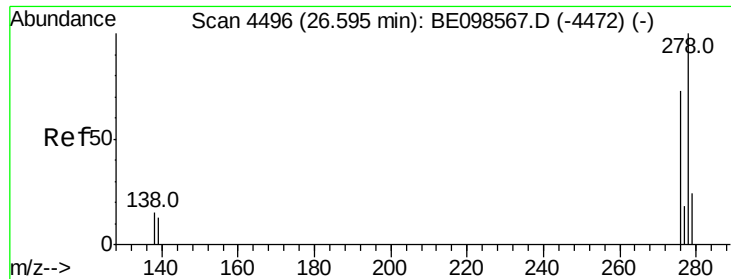


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



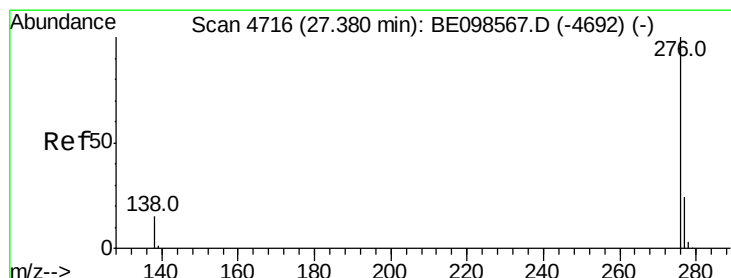
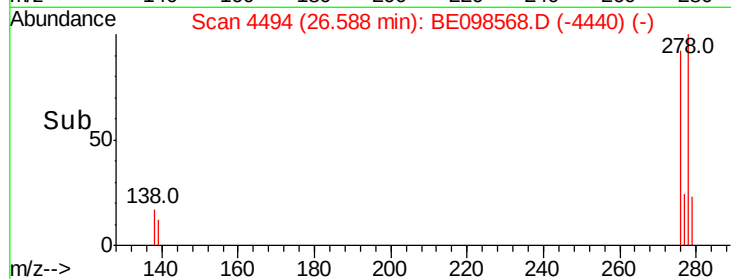
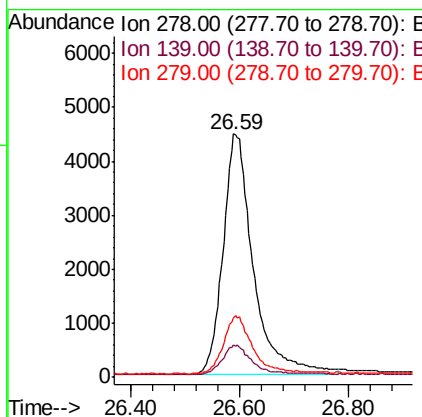
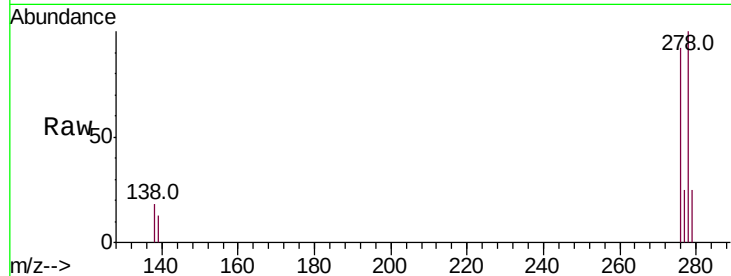


#25
Dibenzo(a,h)anthracene
Concen: 0.905 ng/ul
RT: 26.59 min Scan# 4494
Delta R.T. -0.01 min
Lab File: BE098568.D
Acq: 28 Dec 2018 11:13

Instrument :
BNA_E
ClientSampleId :
SSTD0.805

Tot Ion:278 Resp: 17399

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.0	15.0
279	24.5	20.3	30.5



#26
Benzo(g,h,i)perylene
Concen: 0.942 ng/ul
RT: 27.38 min Scan# 4716
Delta R.T. -0.00 min
Lab File: BE098568.D
Acq: 28 Dec 2018 11:13

Tgt Ion:276 Resp: 18297

Ion	Ratio	Lower	Upper
276	100		
138	16.2	11.6	17.4
277	24.2	20.8	31.2

