

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE103018\
 Data File : BE098111.D
 Acq On : 30 Oct 2018 12:51
 Operator : SJ/JU
 Sample : SSTDC00.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.475

Quant Time: Oct 30 13:22:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 30 12:56:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1037	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5209	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3620	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	8741	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	13771	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	11119	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3485	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	10551	0.37	ng/ul	0.00

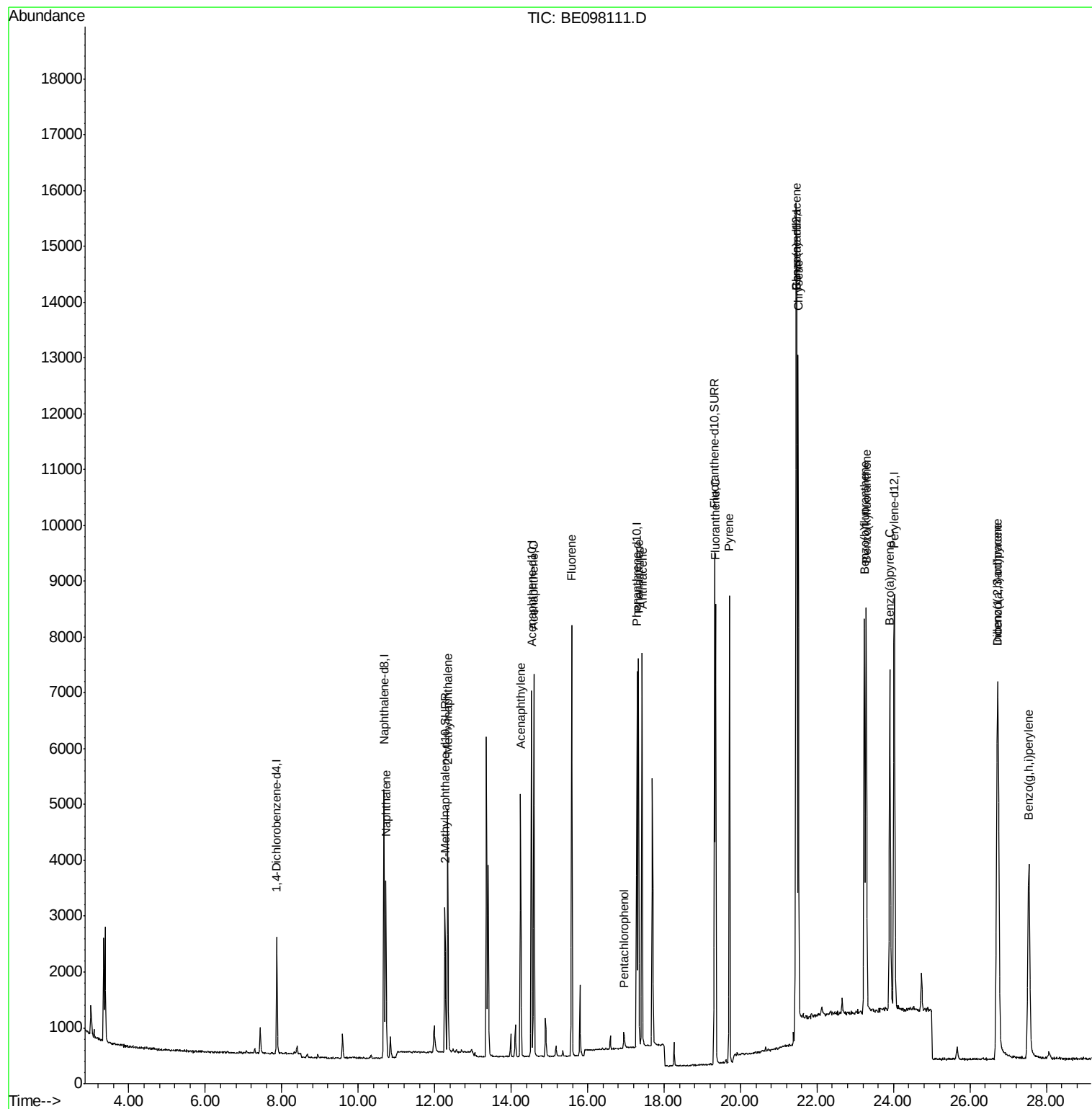
Target Compounds				Ovalue		
3) Naphthalene	10.72	128	4837	0.388	ng/ul	97
5) 2-Methylnaphthalene	12.34	142	3573	0.379	ng/ul	99
7) Acenaphthylene	14.25	152	5404	0.378	ng/ul	99
8) Acenaphthene	14.59	153	4031	0.378	ng/ul	95
9) Fluorene	15.59	166	4817	0.375	ng/ul	97
11) Pentachlorophenol	16.95	266	205	0.448	ng/ul	97
12) Phenanthrene	17.33	178	7652	0.379	ng/ul	100
13) Anthracene	17.42	178	7518	0.377	ng/ul	98
15) Fluoranthene	19.35	202	9689	0.377	ng/ul	97
17) Pyrene	19.71	202	12058	0.375	ng/ul	97
18) Benzo(a)anthracene	21.45	228	12797	0.316	ng/ul	99
19) Chrysene	21.51	228	10640	0.340	ng/ul	100
21) Benzo(b)fluoranthene	23.24	252	10630	0.345	ng/ul	98
22) Benzo(k)fluoranthene	23.29	252	10712	0.355	ng/ul	99
23) Benzo(a)pyrene	23.90	252	10164	0.343	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.71	276	11750	0.346	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.74	278	9837	0.348	ng/ul	98
26) Benzo(g,h,i)perylene	27.54	276	9828	0.344	ng/ul	97

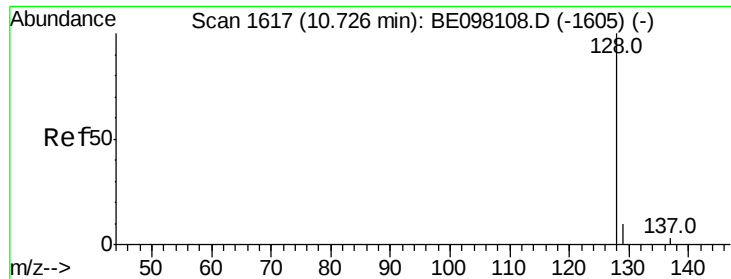
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE098111.D
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Instrument :
BNA_E
ClientSampleId :
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Quant Time: Oct 30 13:22:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102518.M
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#3

Naphthalene

Concen: 0.388 ng/ul

RT: 10.72 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

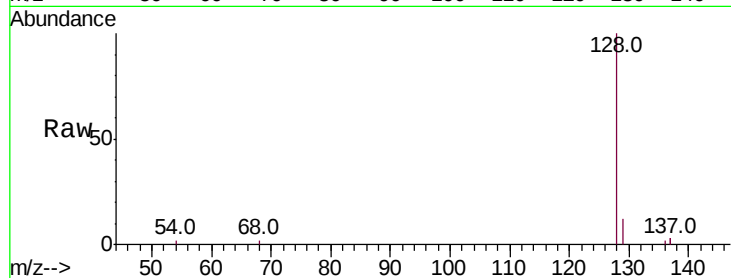
Tot Ion:128 Resp: 4837

Ion Ratio Lower Upper

128 100

129 12.0 10.5 15.7

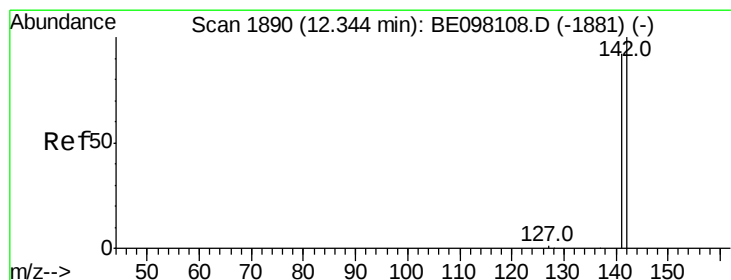
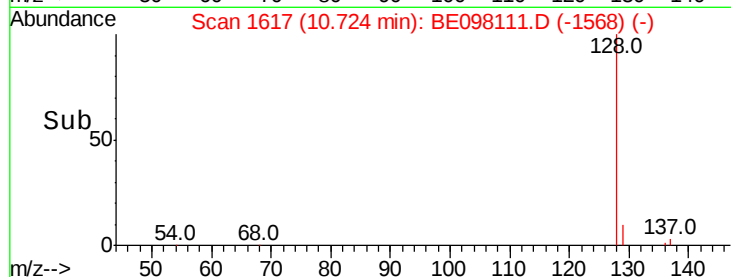
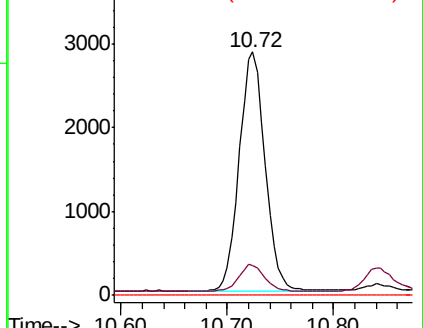
127 0.0 0.0 0.0



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: 0.379 ng/ul

RT: 12.34 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BE098111.D

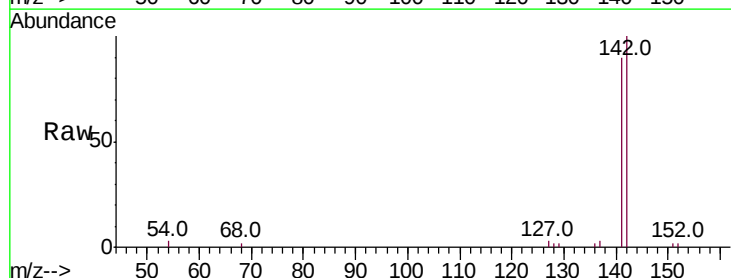
Acq: 30 Oct 2018 12:51

Tgt Ion:142 Resp: 3573

Ion Ratio Lower Upper

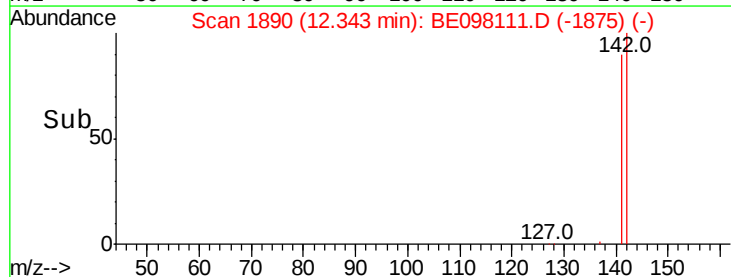
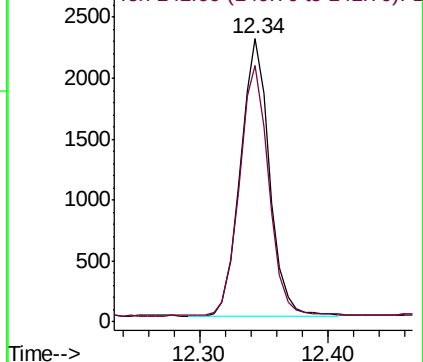
142 100

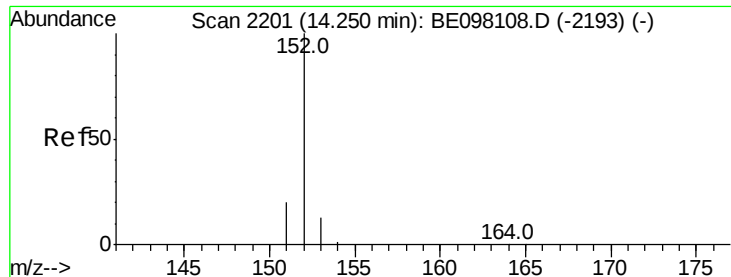
141 91.6 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.378 ng/ul

RT: 14.25 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

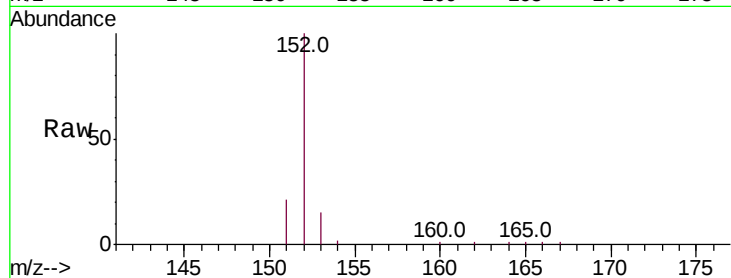
Tot Ion:152 Resp: 5404

Ion Ratio Lower Upper

152 100

151 21.1 17.3 25.9

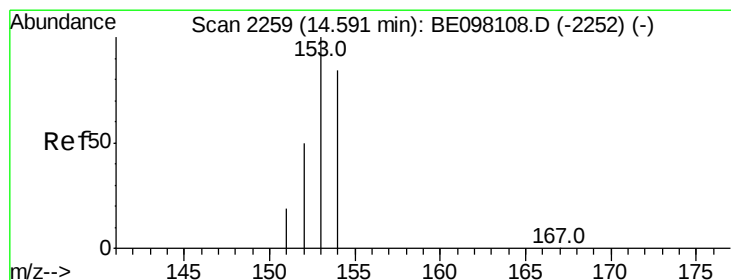
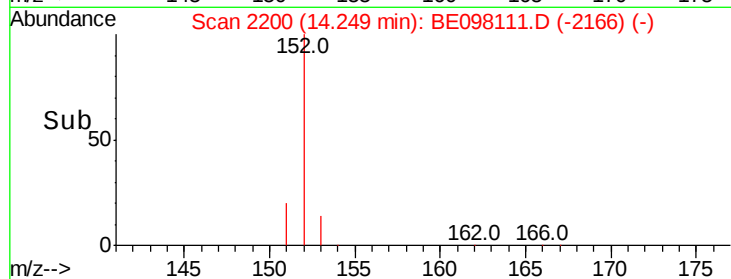
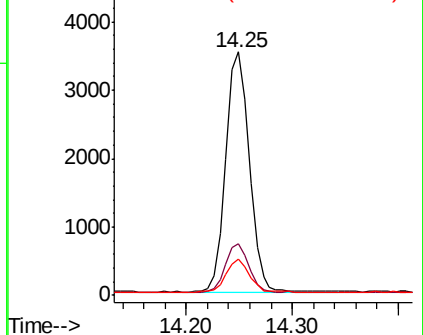
153 14.9 11.9 17.9



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: 0.378 ng/ul

RT: 14.59 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

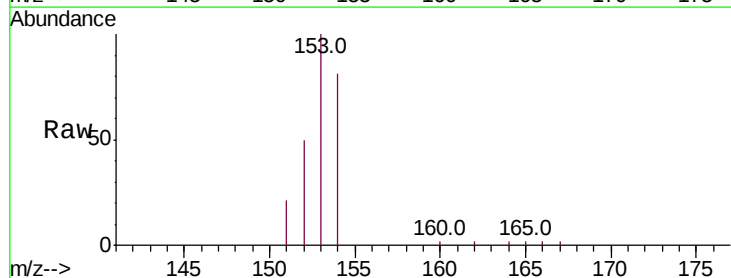
Tgt Ion:153 Resp: 4031

Ion Ratio Lower Upper

153 100

152 49.7 39.4 59.0

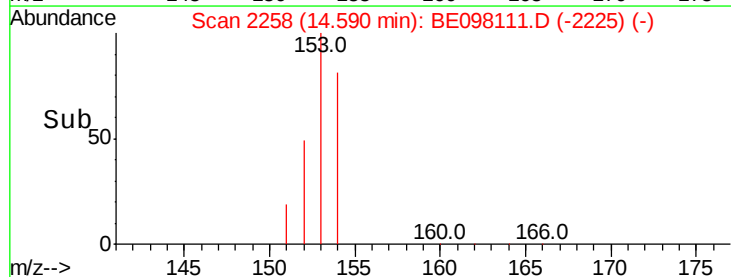
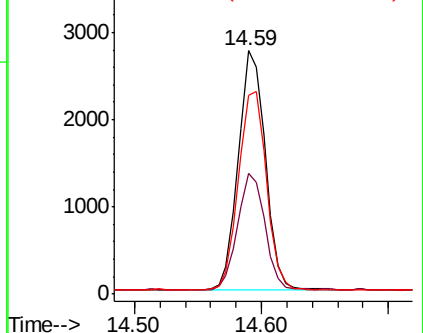
154 81.4 70.5 105.7

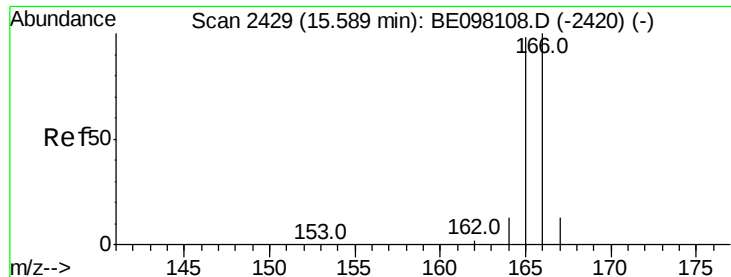


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.375 ng/ul

RT: 15.59 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

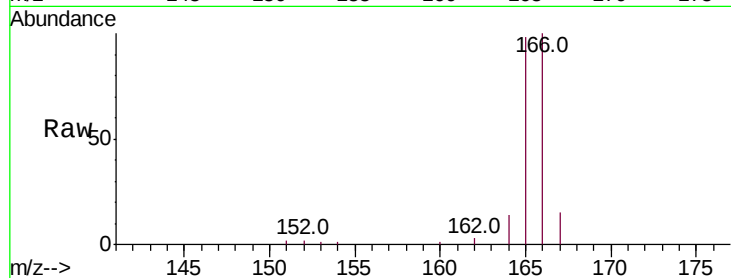
Tot Ion:166 Resp: 4817

Ion Ratio Lower Upper

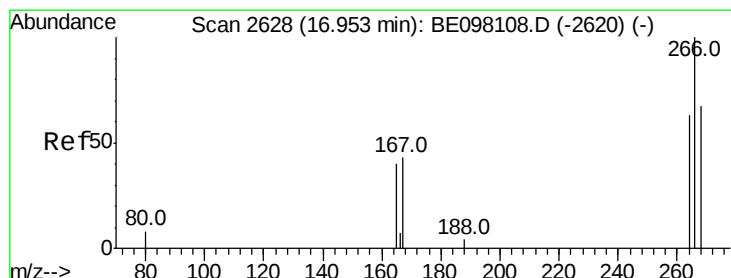
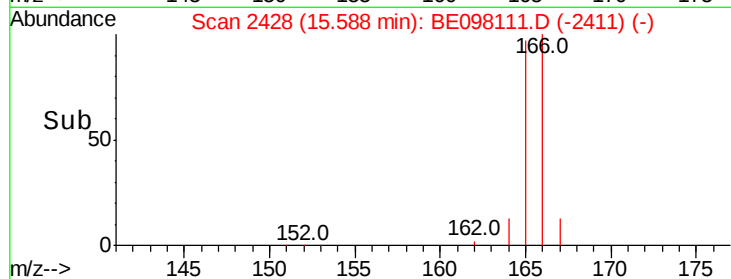
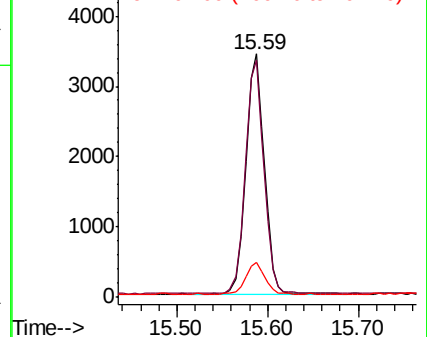
166 100

165 97.5 80.2 120.4

167 14.6 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: 0.448 ng/ul

RT: 16.95 min Scan# 2627

Delta R.T. -0.00 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

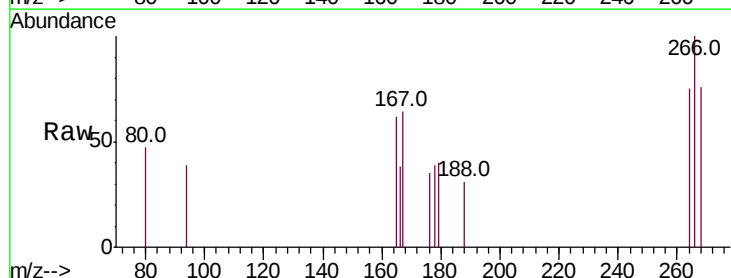
Tgt Ion:266 Resp: 205

Ion Ratio Lower Upper

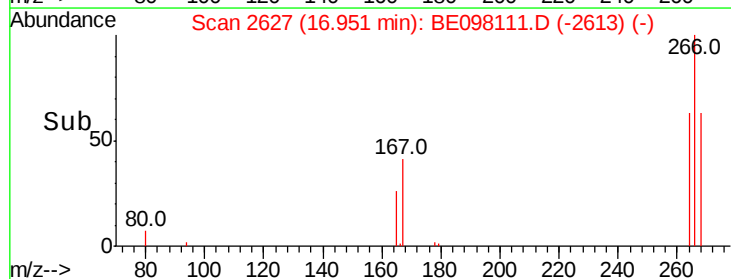
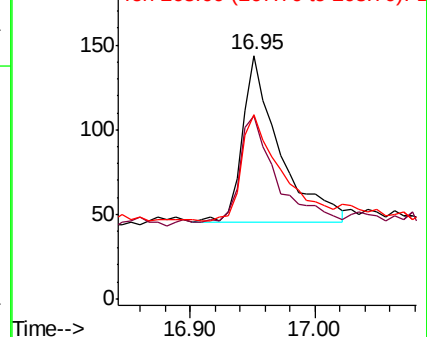
266 100

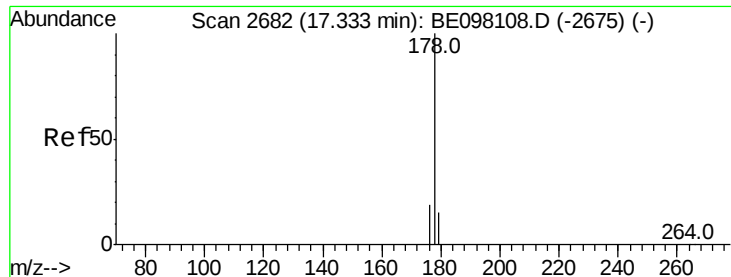
264 63.9 48.5 72.7

268 68.3 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: 0.379 ng/ul

RT: 17.33 min Scan# 2681

Delta R.T. -0.00 min

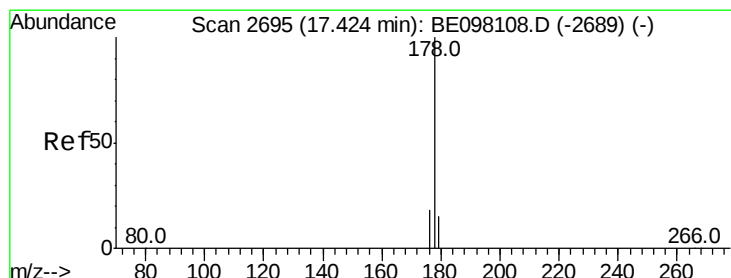
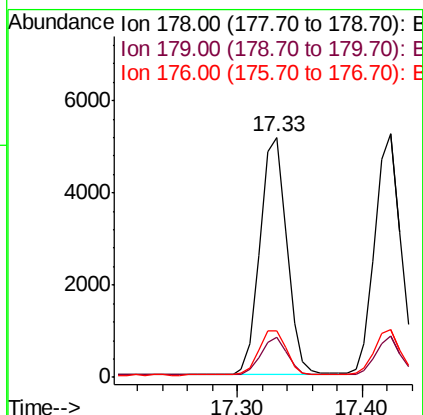
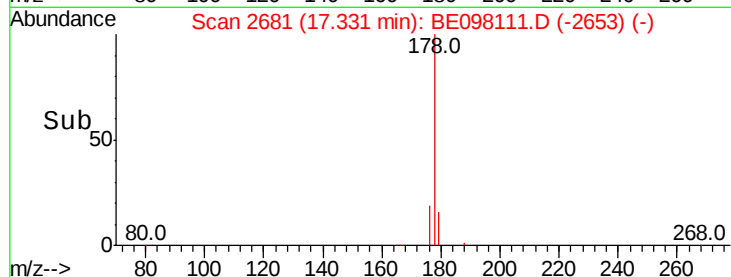
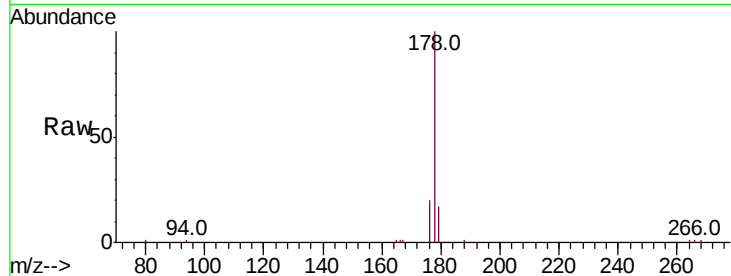
Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
SSTD0.475

Tot Ion:178 Resp: 7652

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.4
176	19.6	15.7	23.5



#13

Anthracene

Concen: 0.377 ng/ul

RT: 17.42 min Scan# 2694

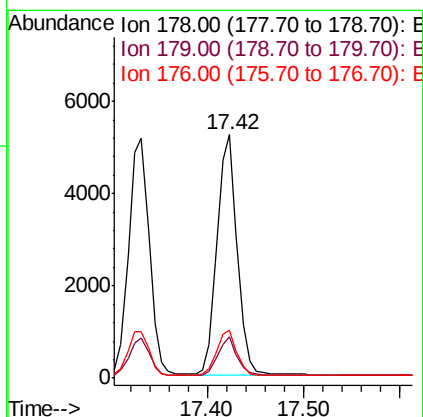
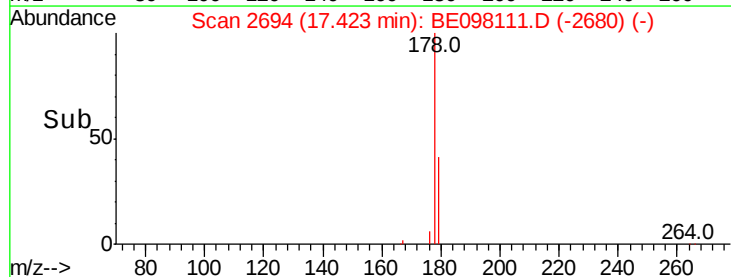
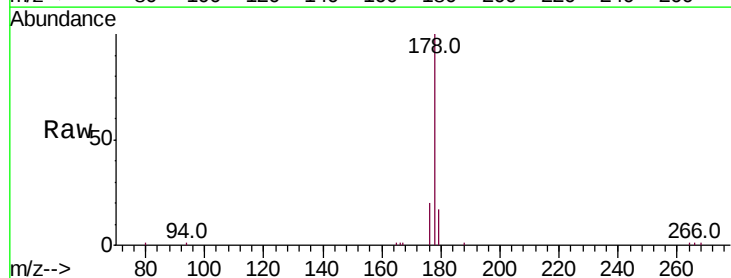
Delta R.T. -0.00 min

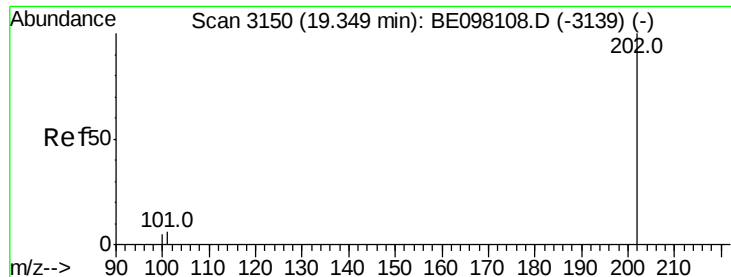
Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

Tgt Ion:178 Resp: 7518

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.6	19.0
176	19.6	15.6	23.4





#15

Fluoranthene

Concen: 0.377 ng/ul

RT: 19.35 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

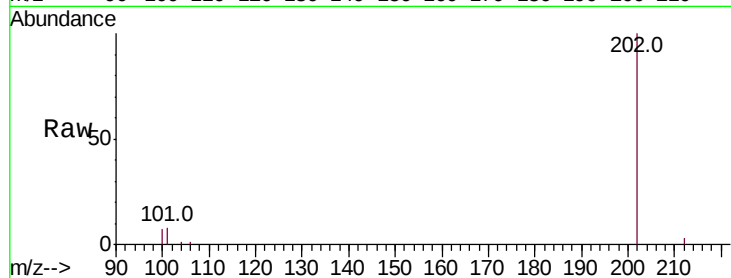
Tot Ion:202 Resp: 9689

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.5

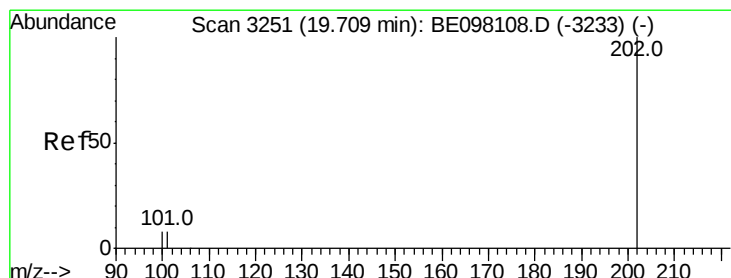
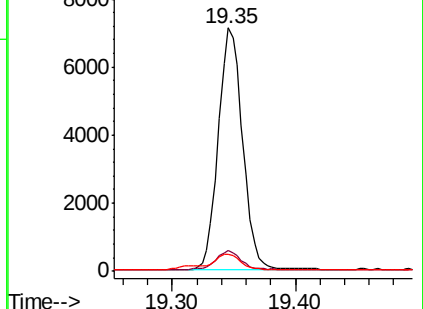
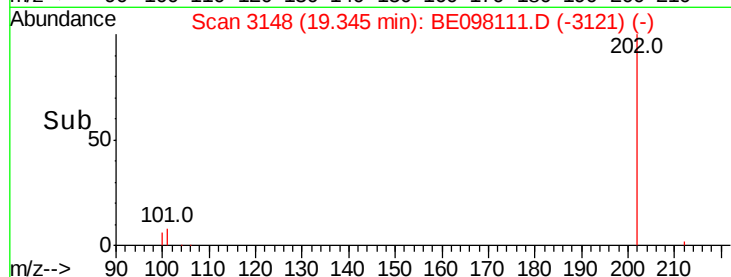
100 7.0 0.0 26.0



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: 0.375 ng/ul

RT: 19.71 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

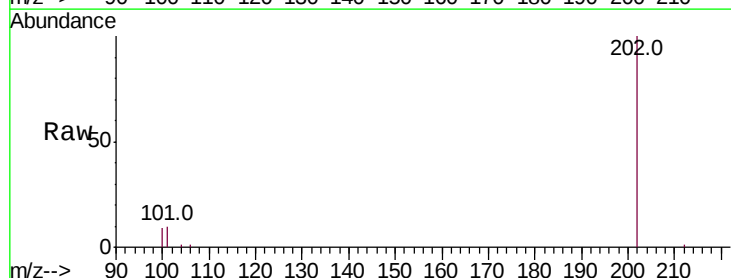
Tgt Ion:202 Resp: 12058

Ion Ratio Lower Upper

202 100

101 9.8 6.9 10.3

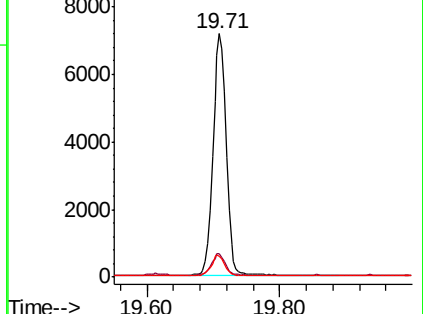
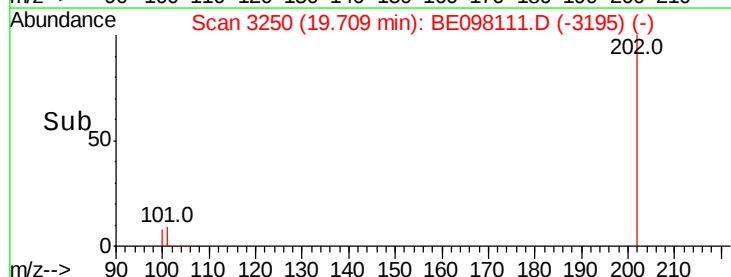
100 8.7 6.0 9.0

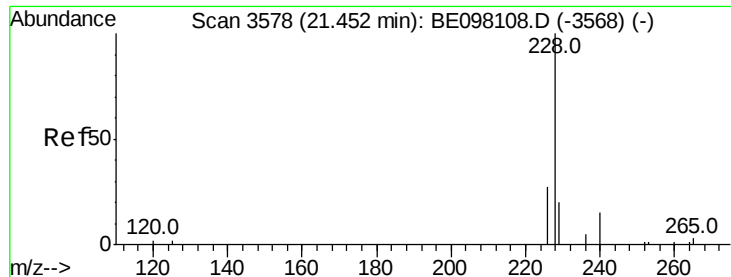


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.316 ng/ul

RT: 21.45 min Scan# 3577

Delta R.T. 0.00 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

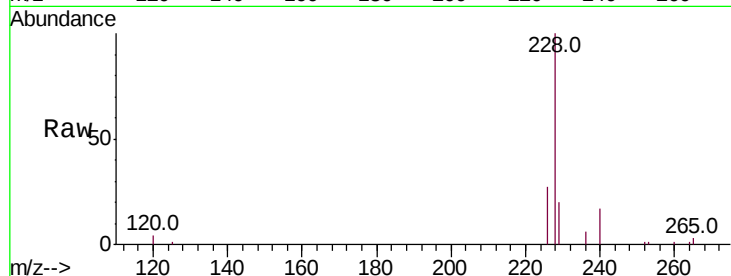
Tot Ion:228 Resp: 12797

Ion Ratio Lower Upper

228 100

229 19.6 16.1 24.1

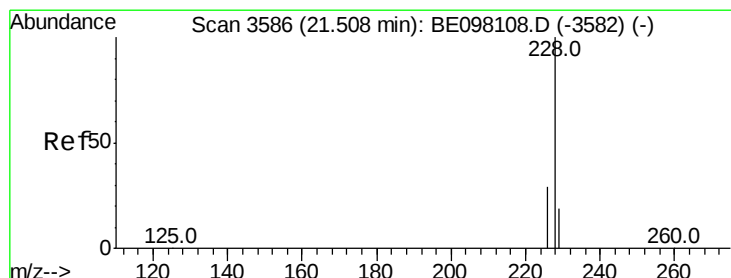
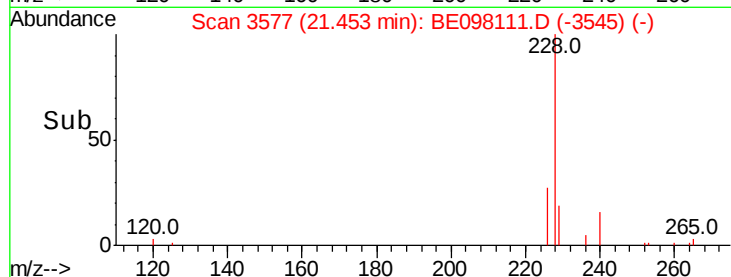
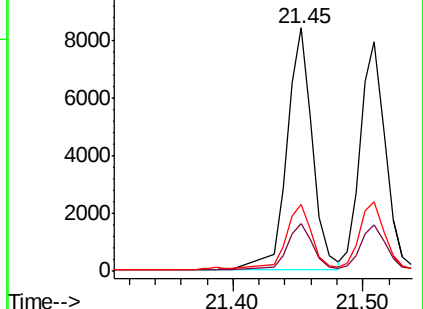
226 27.5 22.2 33.4



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: 0.340 ng/ul

RT: 21.51 min Scan# 3585

Delta R.T. 0.00 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

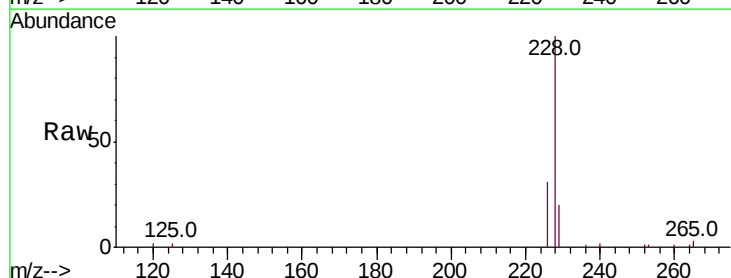
Tgt Ion:228 Resp: 10640

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

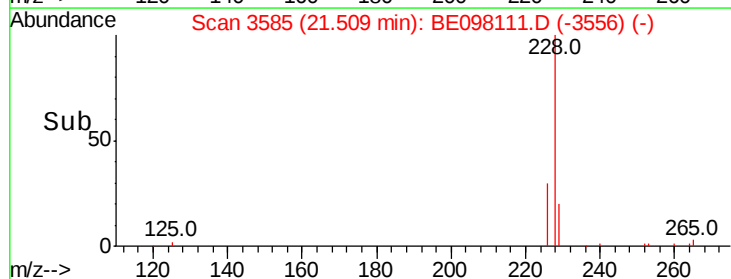
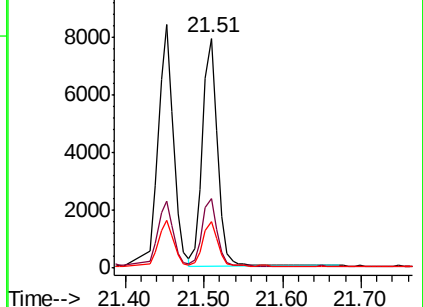
229 20.4 16.4 24.6

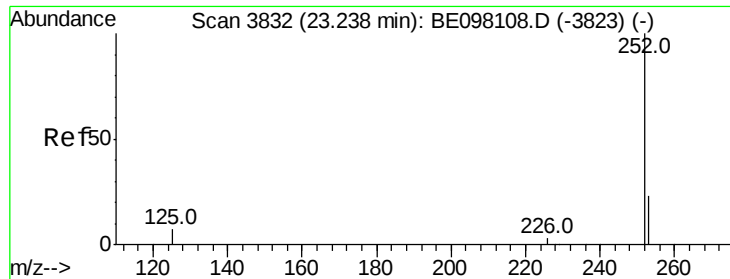


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.345 ng/ul

RT: 23.24 min Scan# 3831

Delta R.T. 0.00 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

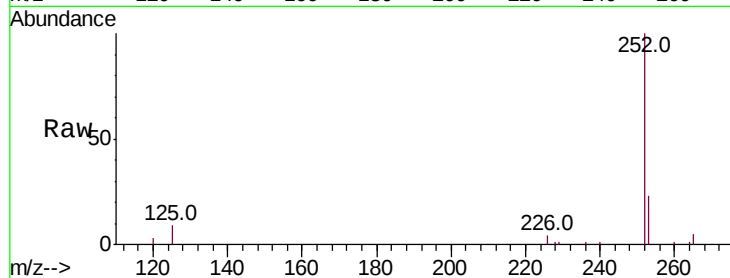
Tot Ion:252 Resp: 10630

Ion Ratio Lower Upper

252 100

253 22.8 0.0 47.8

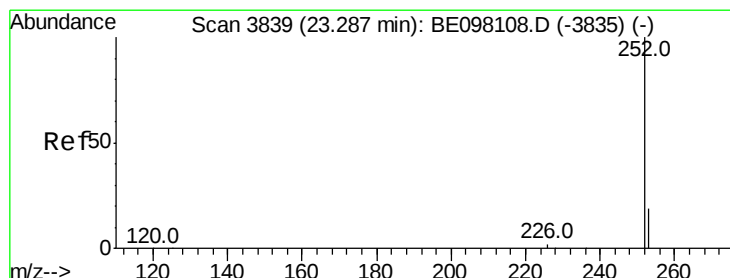
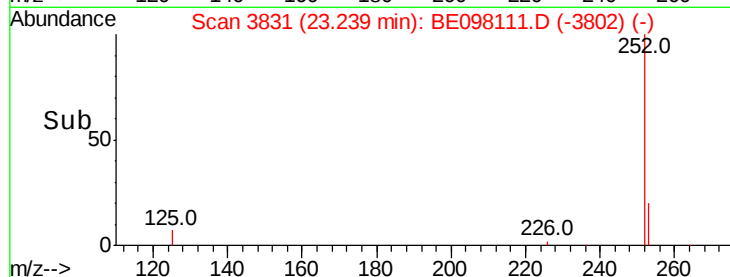
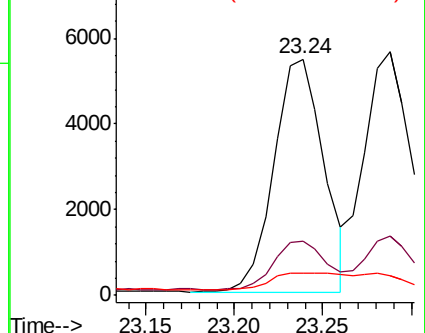
125 9.4 0.0 16.8



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: 0.355 ng/ul

RT: 23.29 min Scan# 3838

Delta R.T. -0.01 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

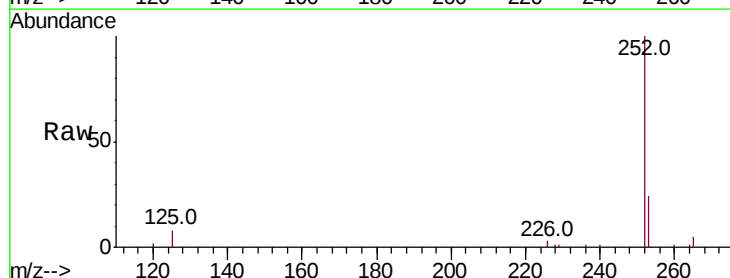
Tgt Ion:252 Resp: 10712

Ion Ratio Lower Upper

252 100

253 24.2 19.3 28.9

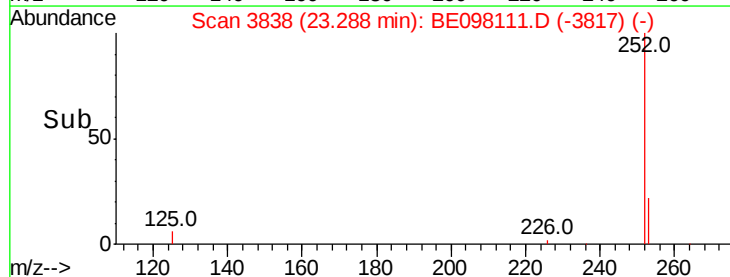
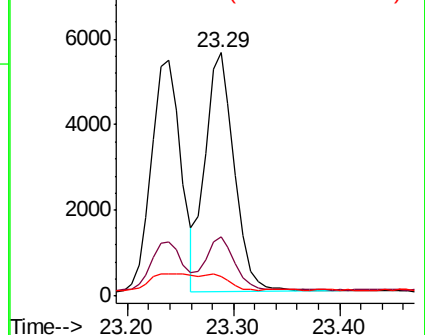
125 8.3 6.2 9.2

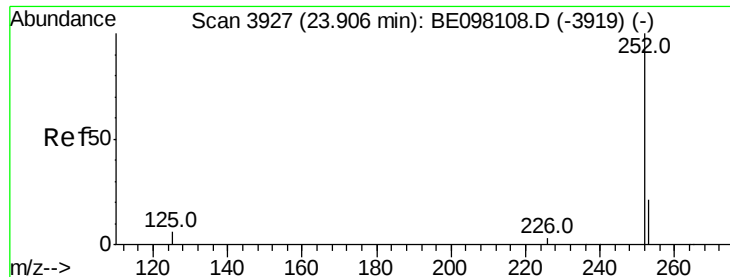


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.343 ng/ul

RT: 23.90 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

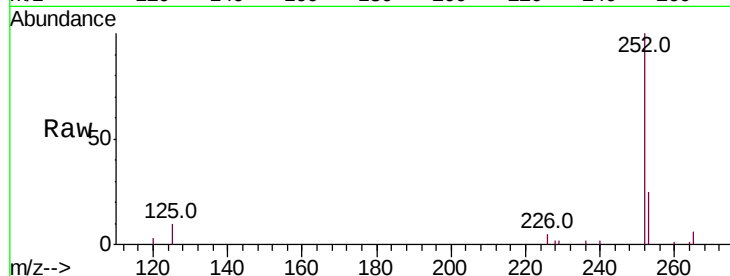
Tot Ion:252 Resp: 10164

Ion Ratio Lower Upper

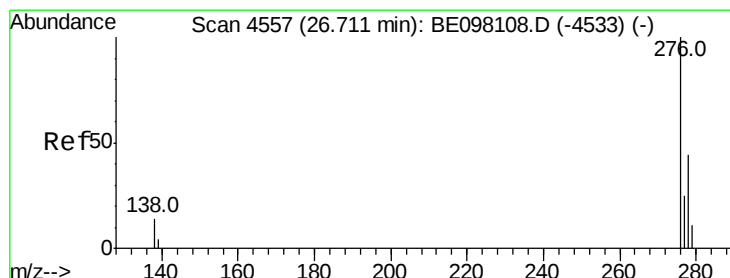
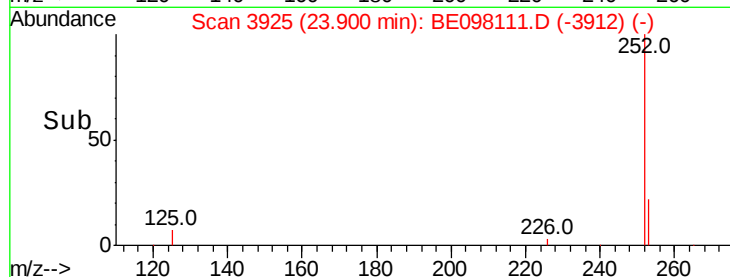
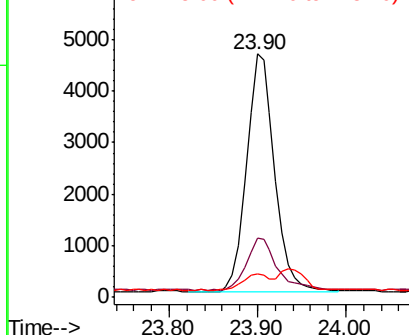
252 100

253 24.6 19.4 29.2

125 9.7 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: 0.346 ng/ul

RT: 26.71 min Scan# 4556

Delta R.T. -0.00 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

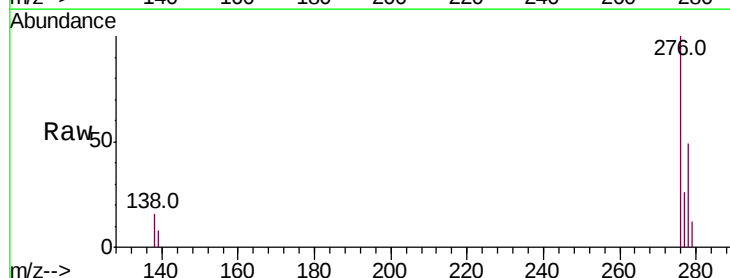
Tgt Ion:276 Resp: 11750

Ion Ratio Lower Upper

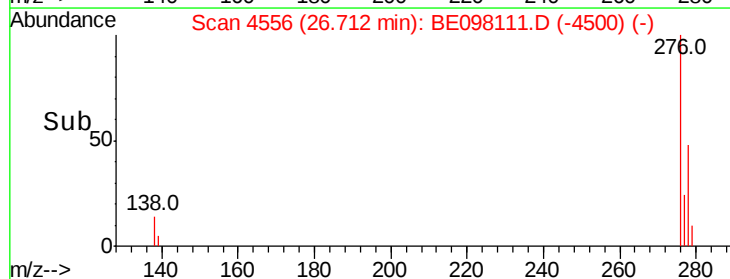
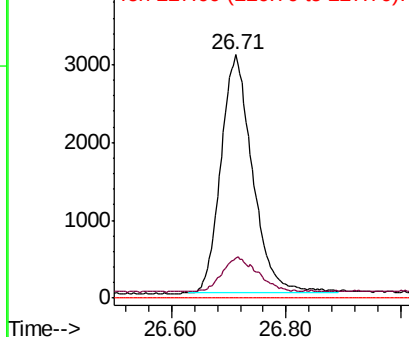
276 100

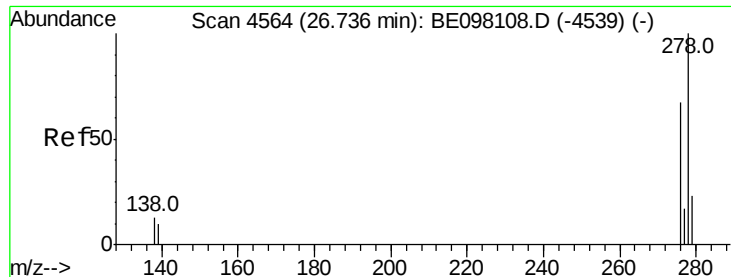
138 16.6 11.8 17.8

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: 0.348 ng/ul

RT: 26.74 min Scan# 4563

Delta R.T. -0.01 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

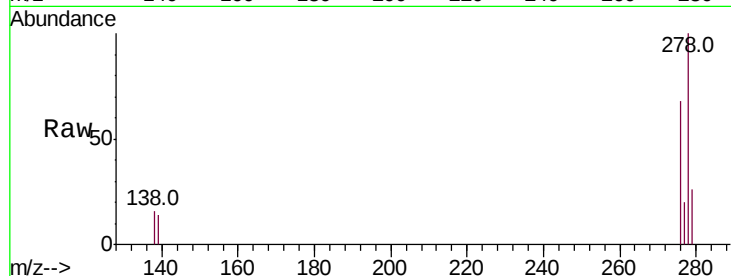
Tot Ion:278 Resp: 9837

Ion Ratio Lower Upper

278 100

139 14.3 10.0 15.0

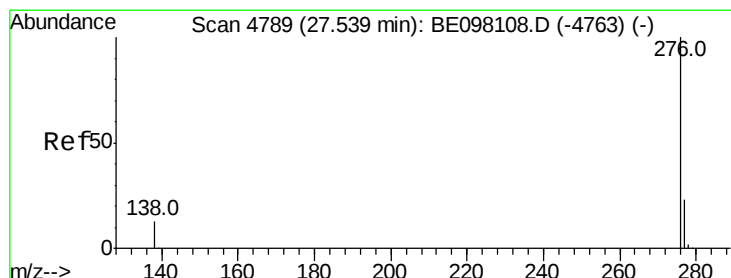
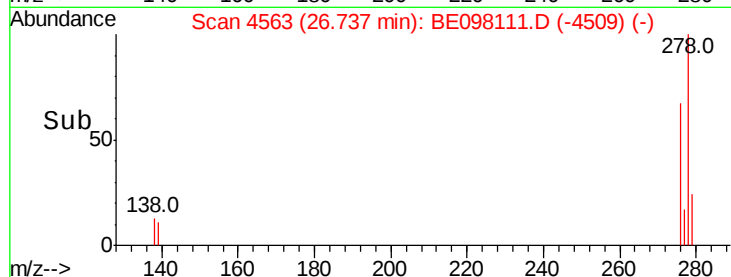
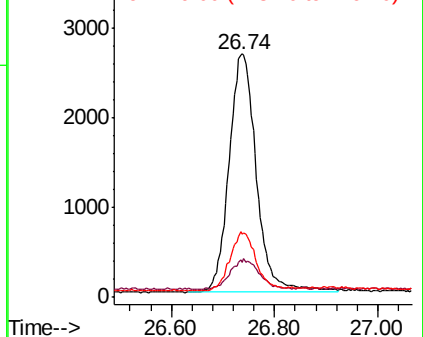
279 26.2 20.3 30.5



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: 0.344 ng/ul

RT: 27.54 min Scan# 4788

Delta R.T. -0.01 min

Lab File: BE098111.D

Acq: 30 Oct 2018 12:51

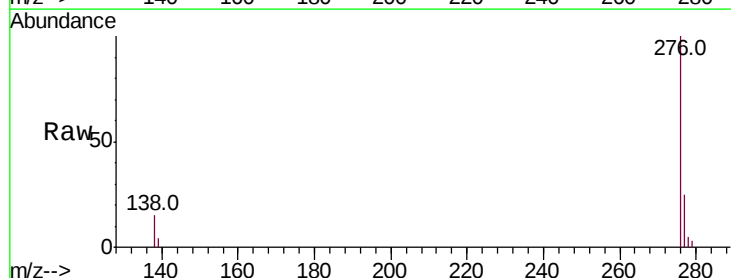
Tgt Ion:276 Resp: 9828

Ion Ratio Lower Upper

276 100

138 15.4 11.6 17.4

277 24.6 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

