

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097871.D
 Acq On : 11 Oct 2018 23:38
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 03:59:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 03:56:08 2018
 Response via : Initial Calibration

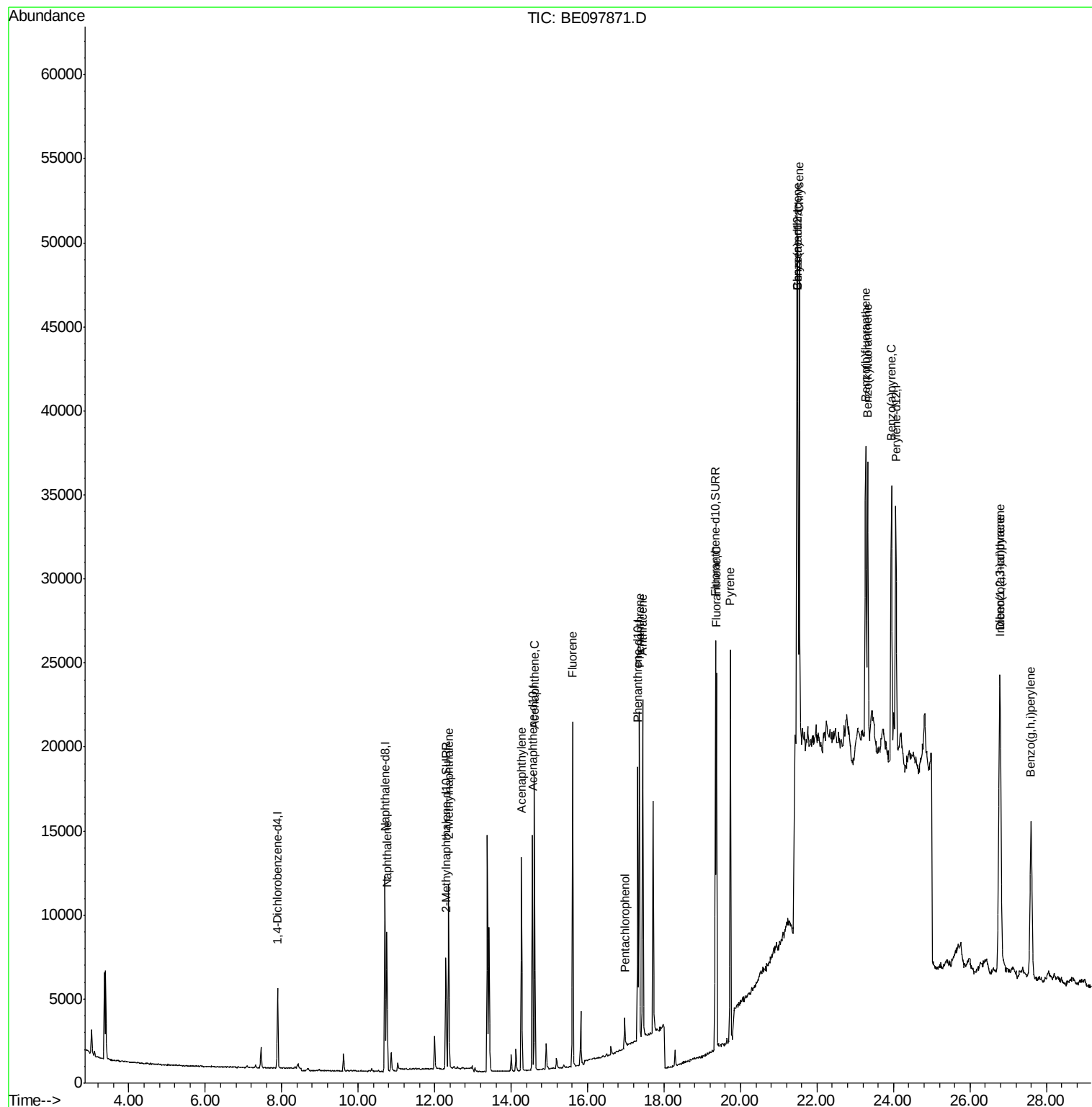
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2321	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12268	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.55	164	8071	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.31	188	19610	0.40	ng/ul	0.01
16) Chrysene-d12	21.49	240	20304	0.40	ng/ul	0.01
20) Perylene-d12	24.06	264	20773	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8992	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	27044	0.43	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	12776	0.428	ng/ul	98
5) 2-Methylnaphthalene	12.37	142	9380	0.434	ng/ul	98
7) Acenaphthylene	14.27	152	14216	0.466	ng/ul	97
8) Acenaphthene	14.61	153	10457	0.441	ng/ul	98
9) Fluorene	15.61	166	12749	0.412	ng/ul	97
11) Pentachlorophenol	16.97	266	1183	0.428	ng/ul	98
12) Phenanthrene	17.35	178	20623	0.444	ng/ul	97
13) Anthracene	17.44	178	20847	0.485	ng/ul	99
15) Fluoranthene	19.37	202	25363	0.425	ng/ul	96
17) Pyrene	19.73	202	30481	0.504	ng/ul	98
18) Benzo(a)anthracene	21.48	228	34537	0.563	ng/ul#	90
19) Chrysene	21.54	228	25483	0.462	ng/ul#	89
21) Benzo(b)fluoranthene	23.27	252	25398	0.457	ng/ul#	54
22) Benzo(k)fluoranthene	23.33	252	24031	0.404	ng/ul#	43
23) Benzo(a)pyrene	23.95	252	25787	0.473	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	26.77	276	28612	0.462	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.79	278	23855	0.466	ng/ul#	61
26) Benzo(g,h,i)perylene	27.59	276	23909	0.443	ng/ul#	73

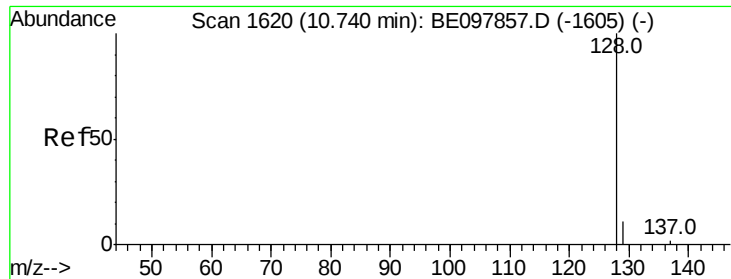
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
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Quant Time: Oct 12 03:59:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
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QLast Update : Fri Oct 12 03:56:08 2018
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#3

Naphthalene

Concen: 0.428 ng/ul

RT: 10.75 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

Instrument :

BNA_E

ClientSampleId :

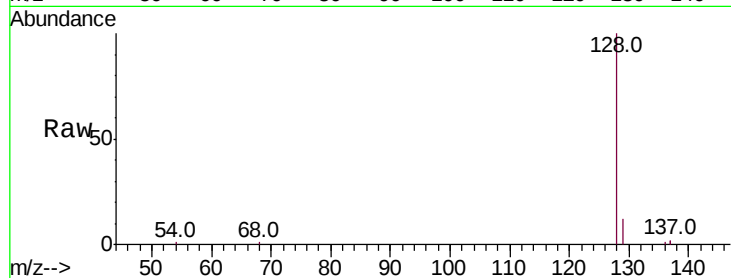
Tot Ion:128 Resp: 12776

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

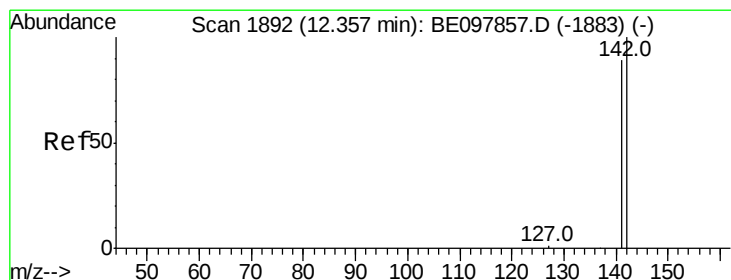
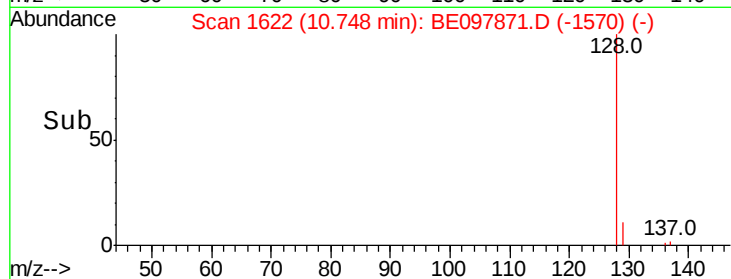
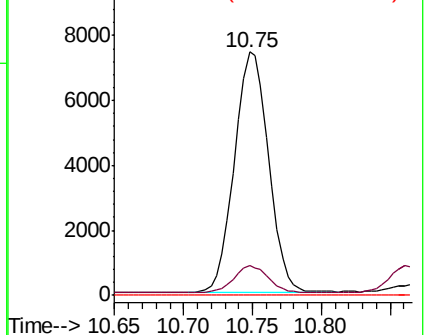
127 0.0 0.0 0.0



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: 0.434 ng/ul

RT: 12.37 min Scan# 1894

Delta R.T. 0.01 min

Lab File: BE097871.D

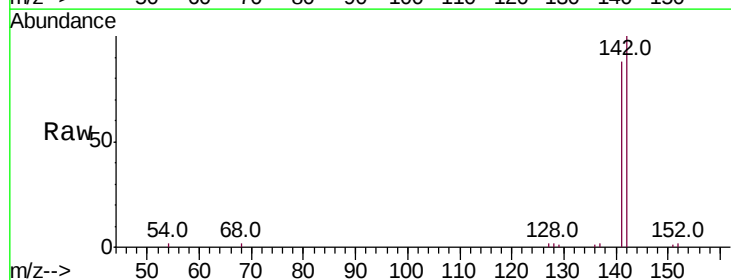
Acq: 11 Oct 2018 23:38

Tgt Ion:142 Resp: 9380

Ion Ratio Lower Upper

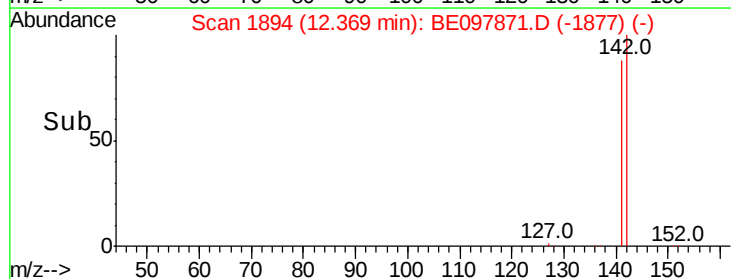
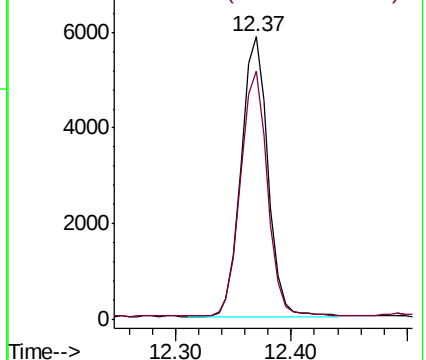
142 100

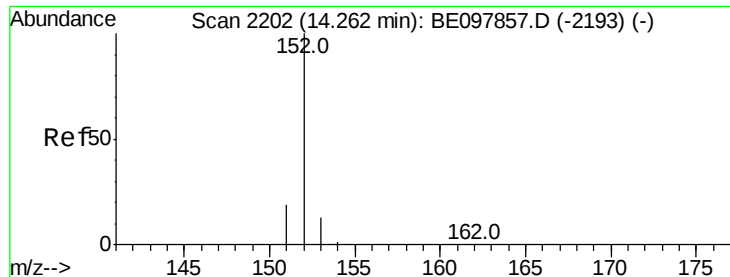
141 87.9 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.466 ng/ul

RT: 14.27 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

Instrument :

BNA_E

ClientSampleId :

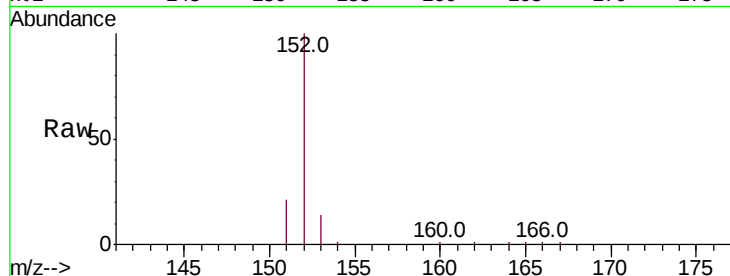
Tot Ion:152 Resp: 14216

Ion Ratio Lower Upper

152 100

151 20.6 15.0 22.6

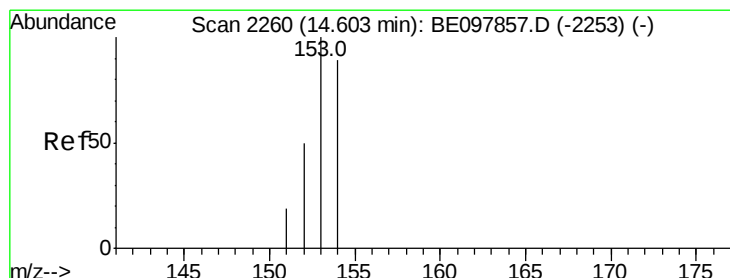
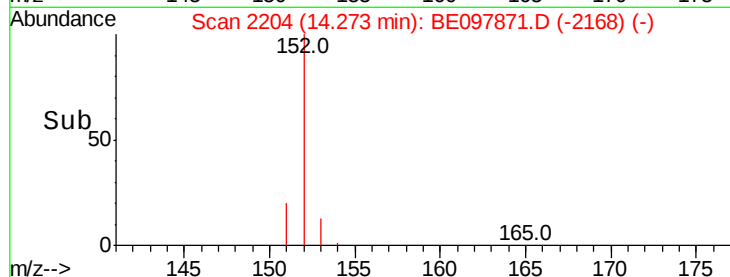
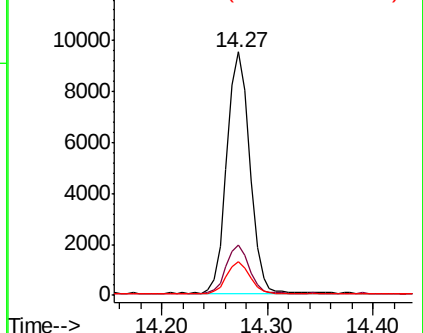
153 13.9 10.5 15.7



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: 0.441 ng/ul

RT: 14.61 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

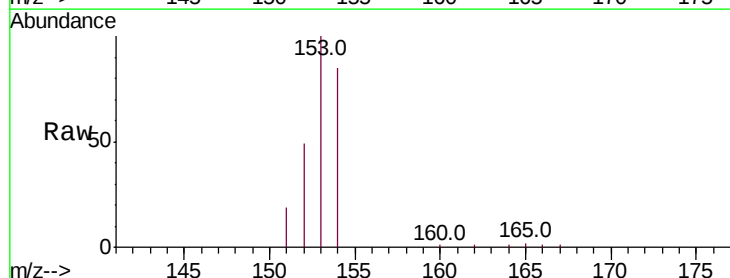
Tgt Ion:153 Resp: 10457

Ion Ratio Lower Upper

153 100

152 49.1 41.2 61.8

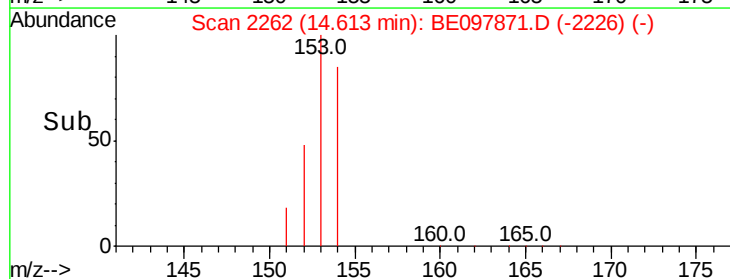
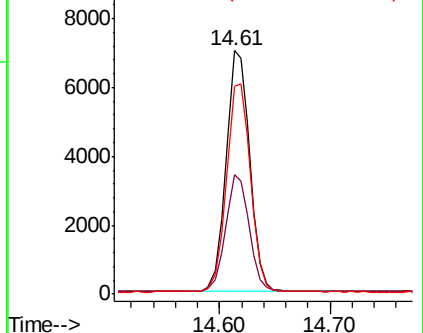
154 85.2 68.6 103.0

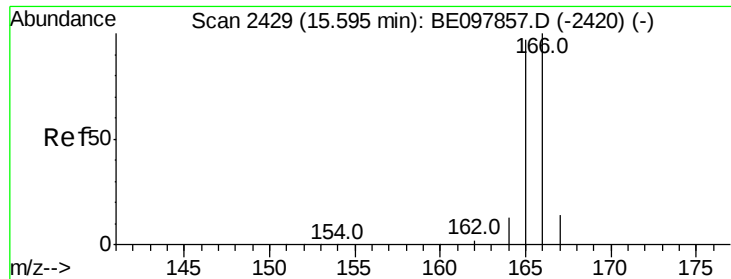


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.412 ng/ul

RT: 15.61 min Scan# 2432

Delta R.T. 0.02 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

Instrument :

BNA_E

ClientSampleId :

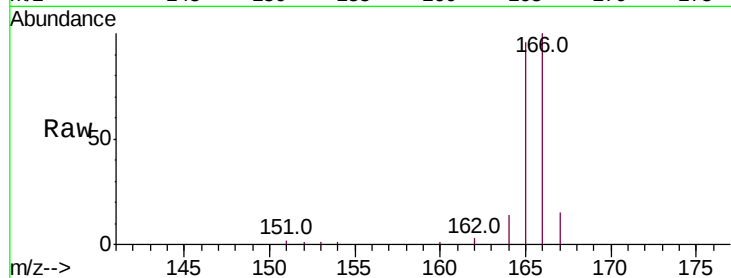
Tot Ion:166 Resp: 12749

Ion Ratio Lower Upper

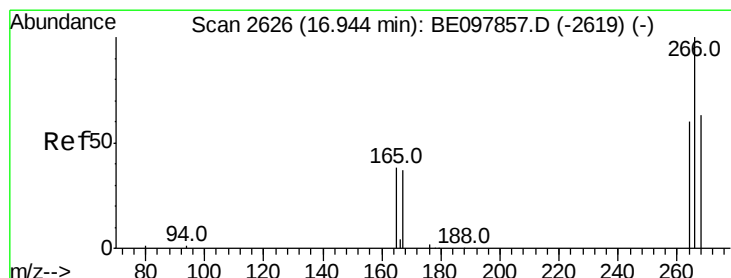
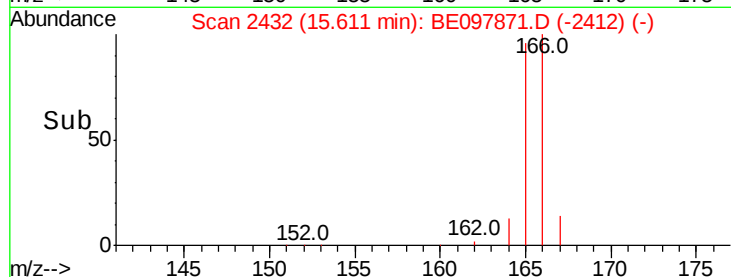
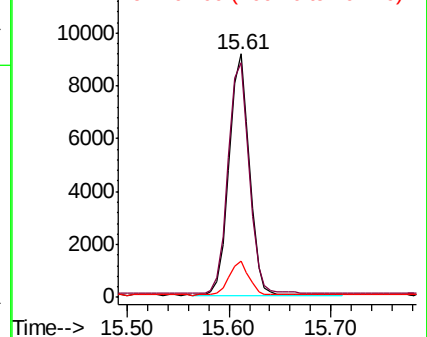
166 100

165 96.2 79.2 118.8

167 14.7 11.3 16.9



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: 0.428 ng/ul

RT: 16.97 min Scan# 2630

Delta R.T. 0.03 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

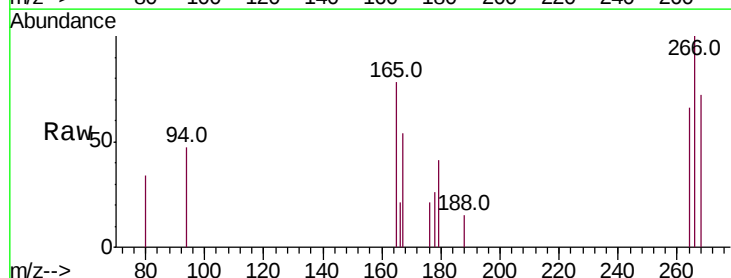
Tgt Ion:266 Resp: 1183

Ion Ratio Lower Upper

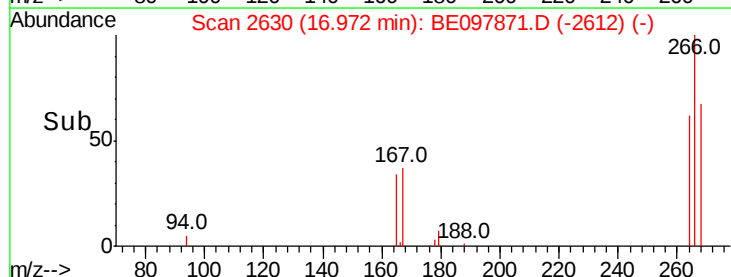
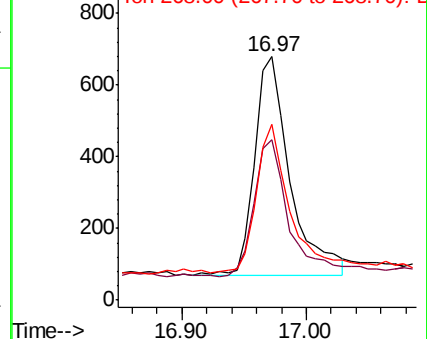
266 100

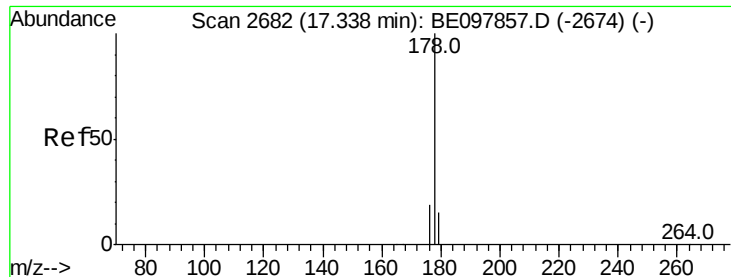
264 62.5 49.8 74.8

268 62.9 48.4 72.6



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: 0.444 ng/ul

RT: 17.35 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

Instrument :

BNA_E

ClientSampleId :

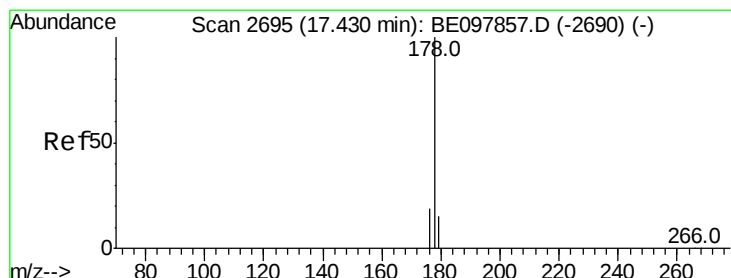
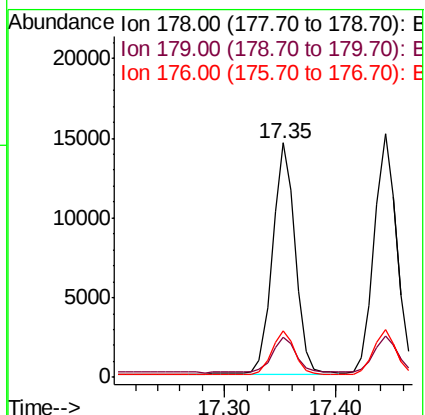
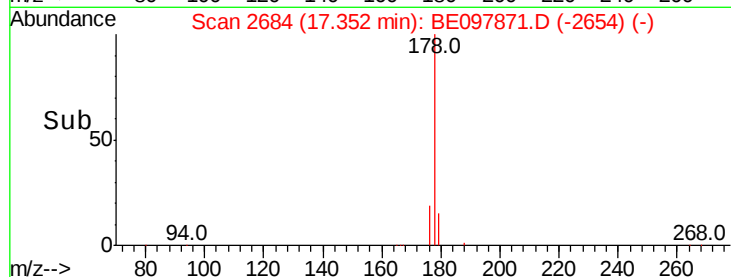
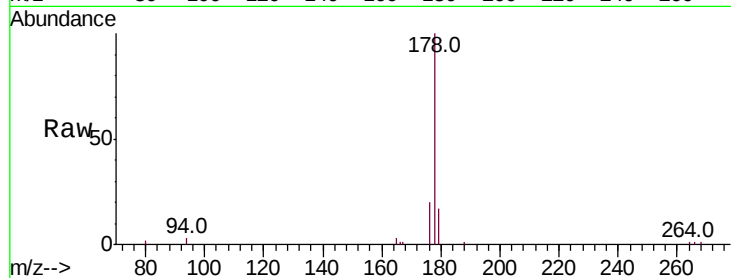
Tot Ion:178 Resp: 20623

Ion Ratio Lower Upper

178 100

179 16.9 12.8 19.2

176 20.0 14.9 22.3



#13

Anthracene

Concen: 0.485 ng/ul

RT: 17.44 min Scan# 2697

Delta R.T. 0.01 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

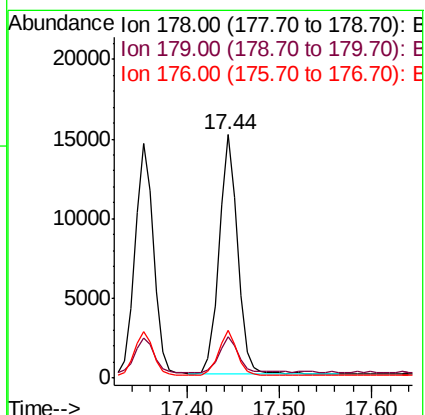
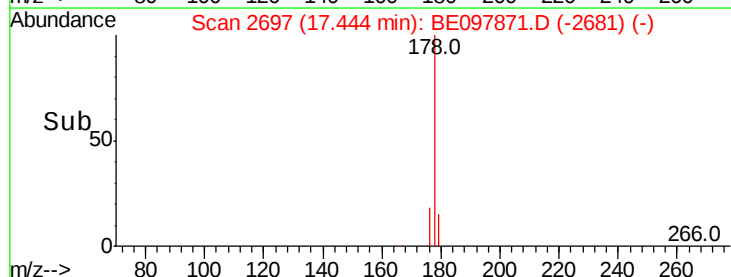
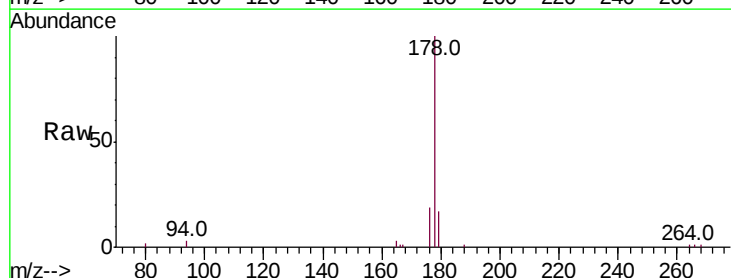
Tgt Ion:178 Resp: 20847

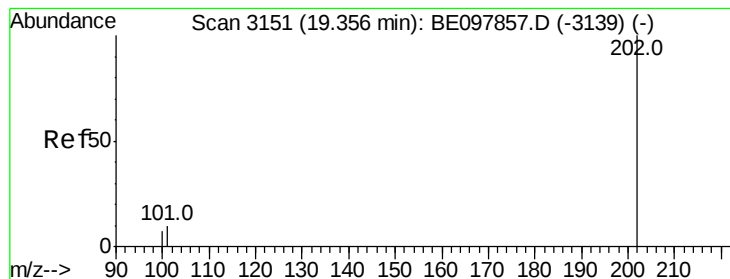
Ion Ratio Lower Upper

178 100

179 17.2 12.9 19.3

176 19.4 15.5 23.3





#15

Fluoranthene

Concen: 0.425 ng/ul

RT: 19.37 min Scan# 3155

Delta R.T. 0.01 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

Instrument :

BNA_E

ClientSampleId :

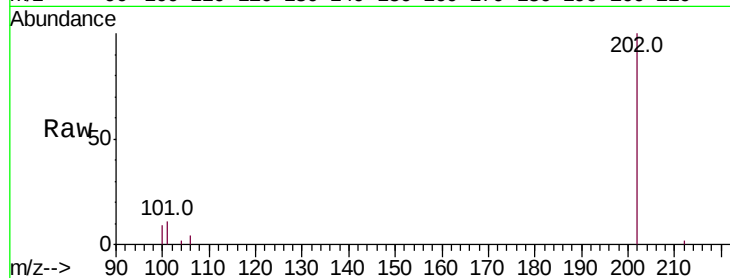
Tot Ion:202 Resp: 25363

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.3

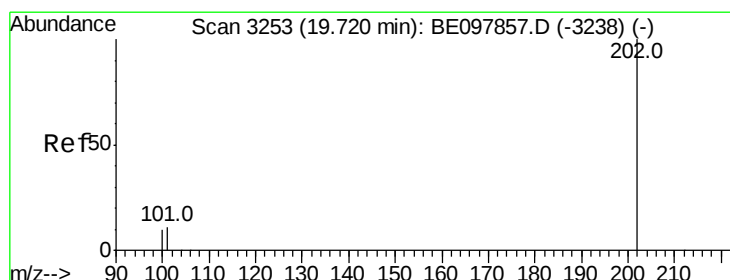
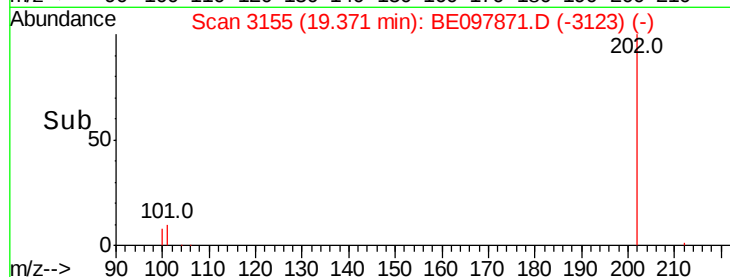
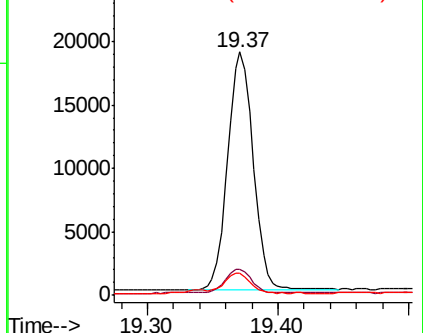
100 8.9 0.0 27.5



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: 0.504 ng/ul

RT: 19.73 min Scan# 3257

Delta R.T. 0.01 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

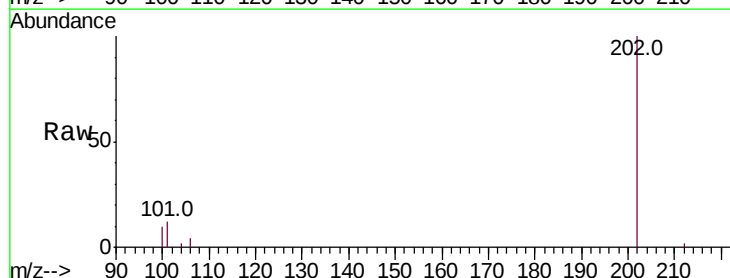
Tgt Ion:202 Resp: 30481

Ion Ratio Lower Upper

202 100

101 12.1 8.8 13.2

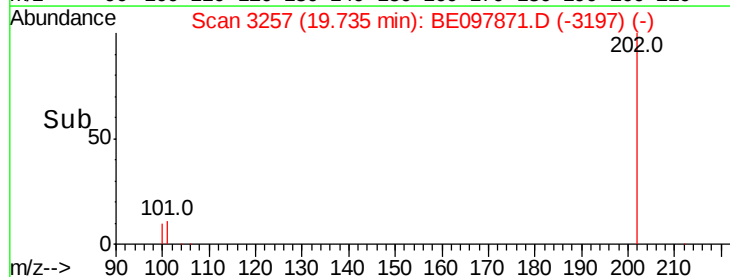
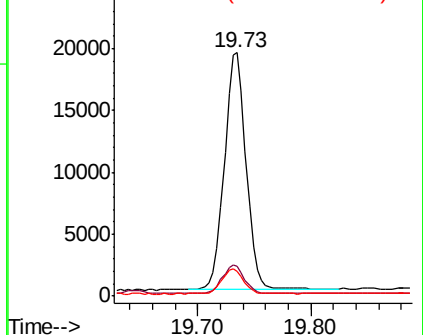
100 10.4 7.9 11.9

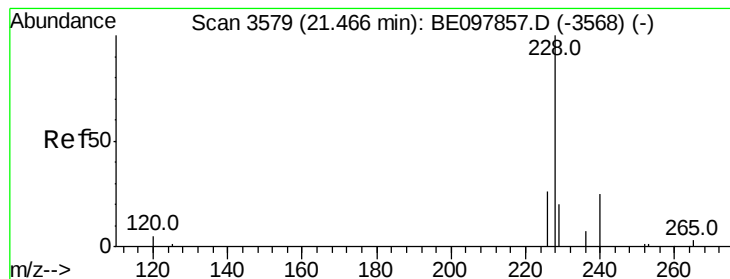


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.563 ng/ul

RT: 21.48 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

Instrument :

BNA_E

ClientSampleId :

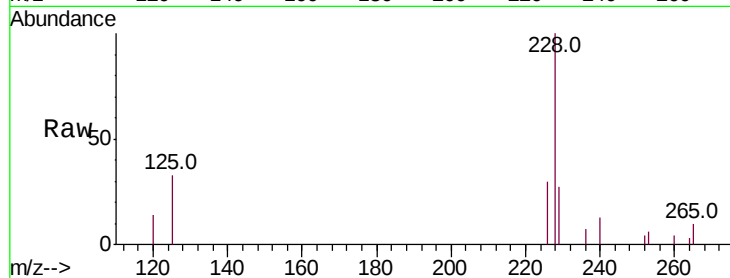
Tot Ion:228 Resp: 34537

Ion Ratio Lower Upper

228 100

229 27.3 16.4 24.6#

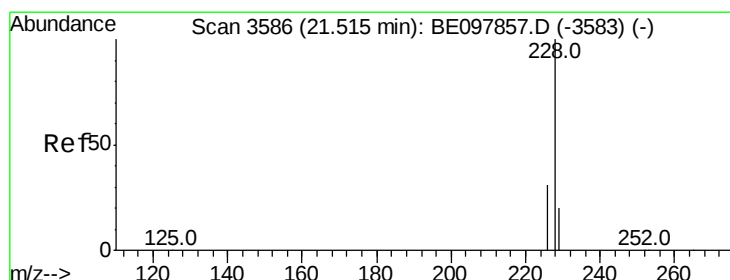
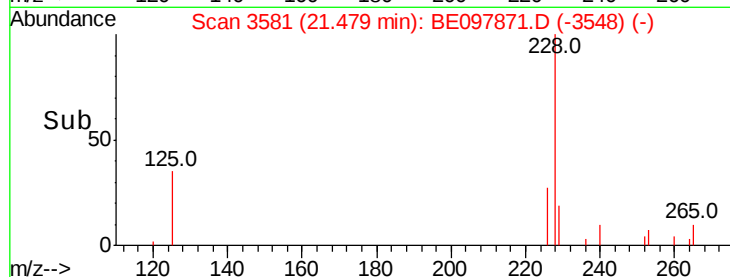
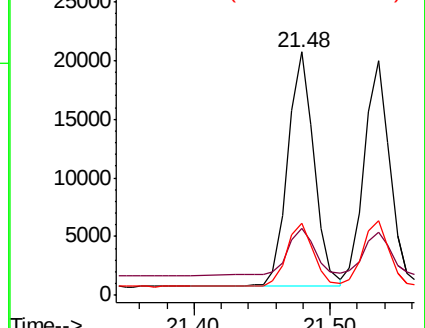
226 29.8 21.5 32.3



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: 0.462 ng/ul

RT: 21.54 min Scan# 3589

Delta R.T. 0.02 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

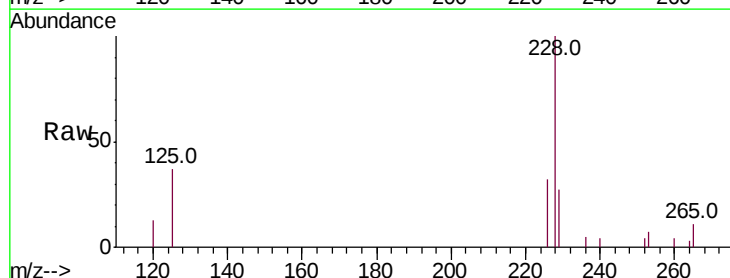
Tgt Ion:228 Resp: 25483

Ion Ratio Lower Upper

228 100

226 32.1 23.0 34.4

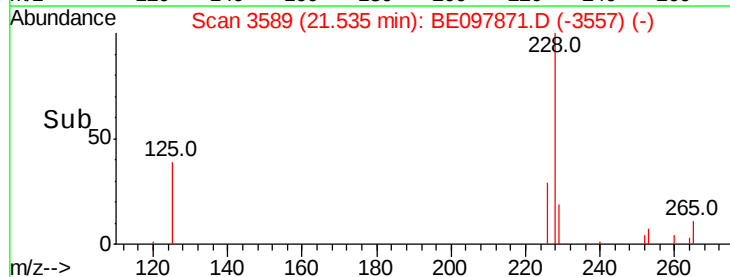
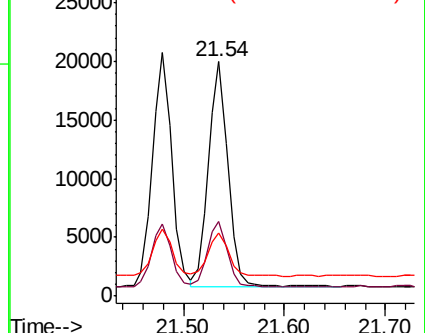
229 27.2 15.5 23.3#

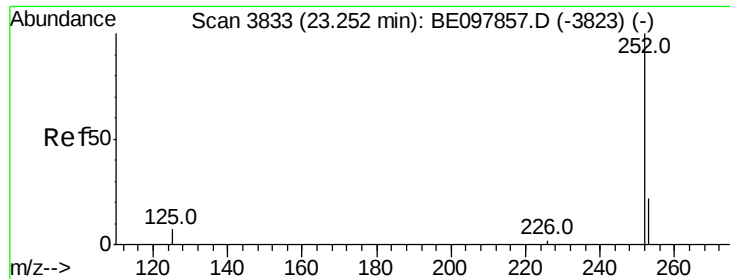


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.457 ng/ul

RT: 23.27 min Scan# 3836

Delta R.T. 0.02 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

Instrument :

BNA_E

ClientSampleId :

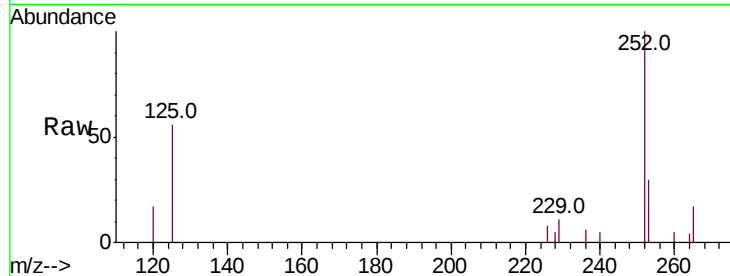
Tot Ion:252 Resp: 25398

Ion Ratio Lower Upper

252 100

253 29.7 0.0 47.0

125 56.5 0.0 18.2#

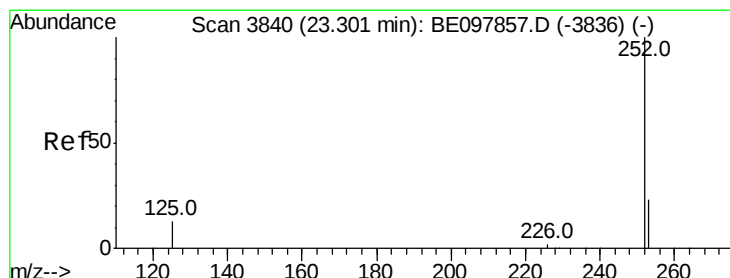
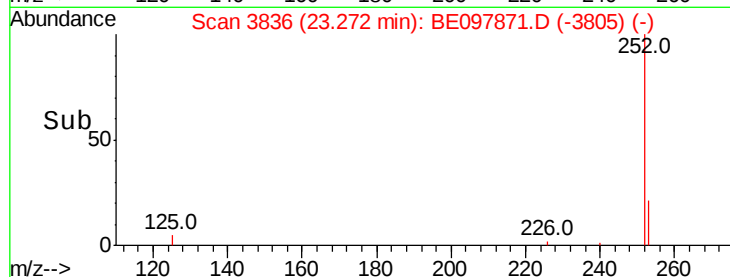
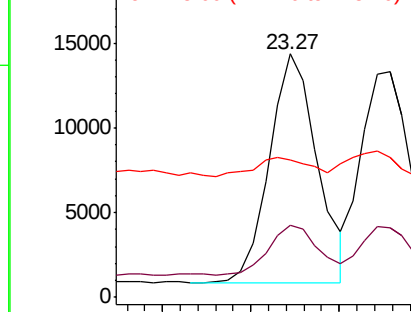


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 0.404 ng/ul

RT: 23.33 min Scan# 3844

Delta R.T. 0.03 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

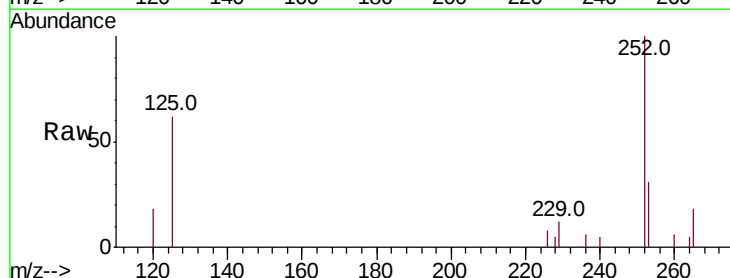
Tgt Ion:252 Resp: 24031

Ion Ratio Lower Upper

252 100

253 30.6 17.8 26.6#

125 62.1 9.4 14.0#

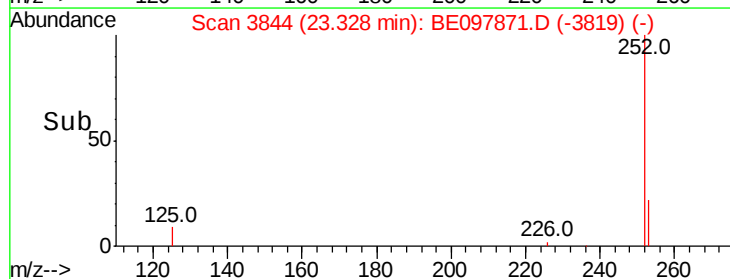
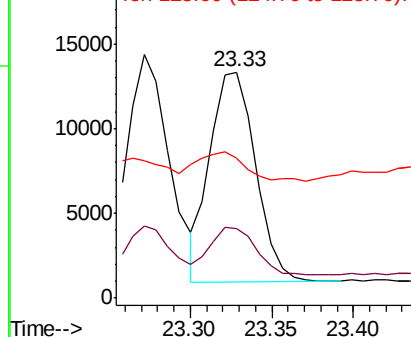


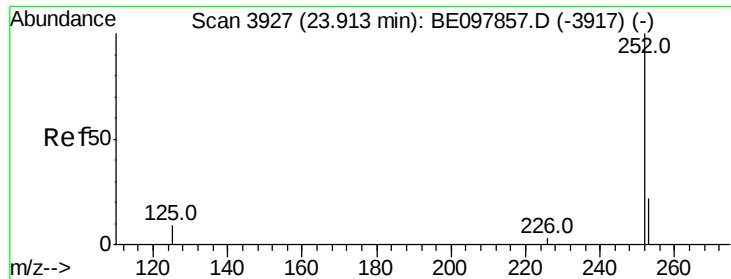
Abundance

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: 0.473 ng/ul

RT: 23.95 min Scan# 3932

Delta R.T. 0.03 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

Instrument :

BNA_E

ClientSampleId :

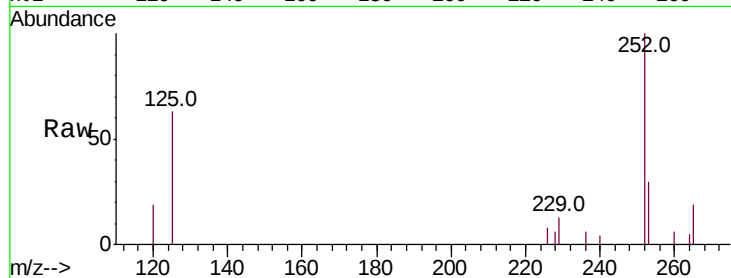
Tot Ion:252 Resp: 25787

Ion Ratio Lower Upper

252 100

253 30.2 18.2 27.4#

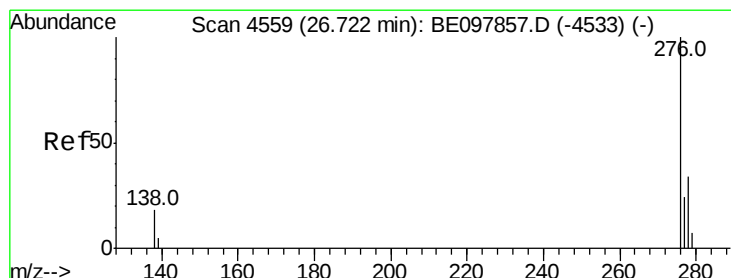
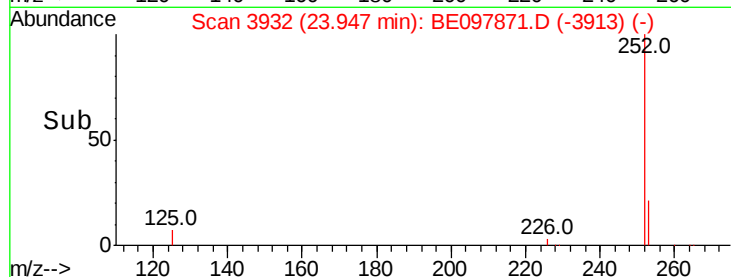
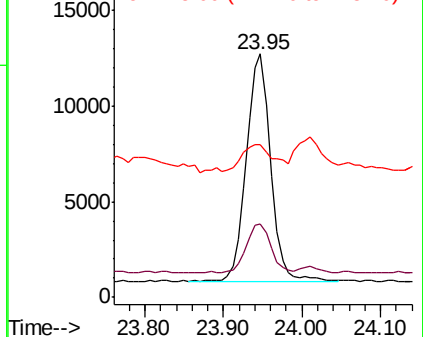
125 62.6 8.3 12.5#



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: 0.462 ng/ul

RT: 26.77 min Scan# 4573

Delta R.T. 0.05 min

Lab File: BE097871.D

Acq: 11 Oct 2018 23:38

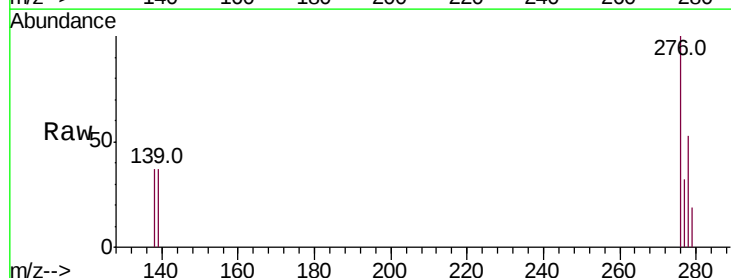
Tgt Ion:276 Resp: 28612

Ion Ratio Lower Upper

276 100

138 22.3 0.0 0.0#

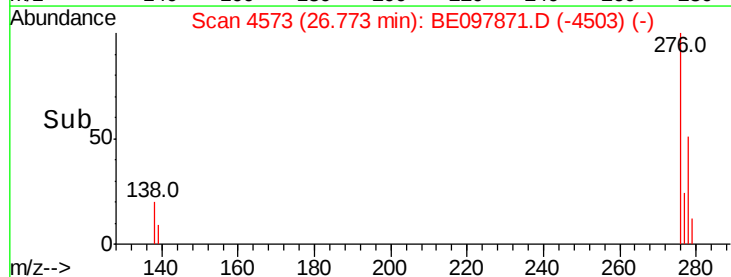
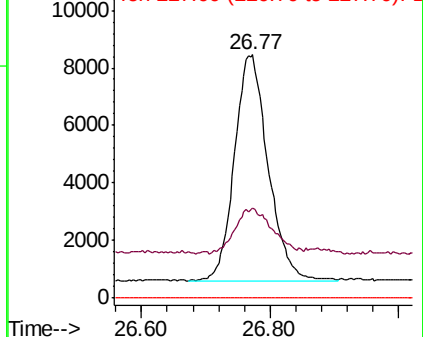
227 0.0 0.0 0.0

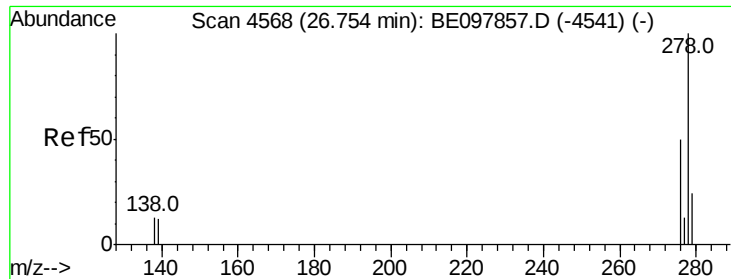


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

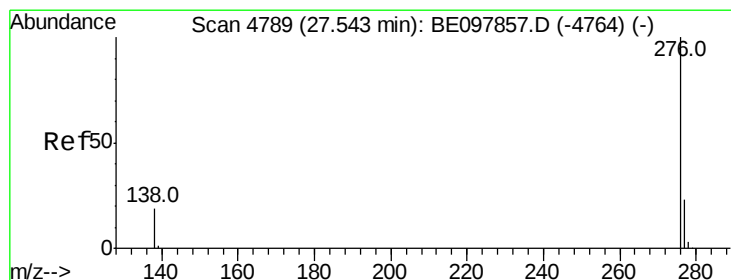
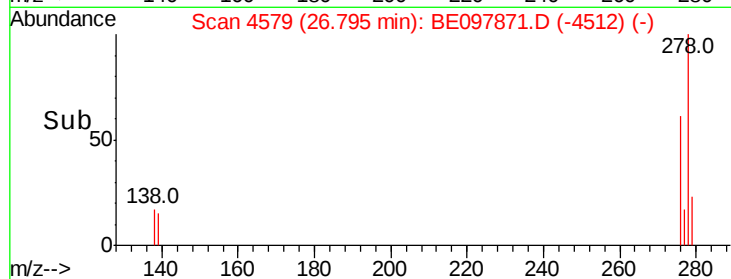
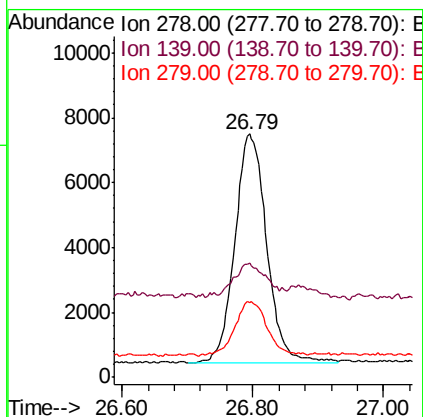
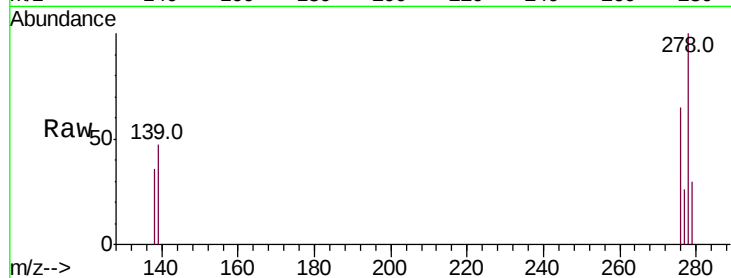




#25
Dibenzo(a,h)anthracene
Concen: 0.466 ng/ul
RT: 26.79 min Scan# 4579
Delta R.T. 0.04 min
Lab File: BE097871.D
Acq: 11 Oct 2018 23:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 23855
Ion Ratio Lower Upper
278 100
139 46.9 10.9 16.3#
279 30.4 18.8 28.2#



#26
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 27.59 min Scan# 4803
Delta R.T. 0.05 min
Lab File: BE097871.D
Acq: 11 Oct 2018 23:38

Tgt Ion:276 Resp: 23909
Ion Ratio Lower Upper
276 100
138 37.4 14.3 21.5#
277 31.9 19.5 29.3#

