

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097850.D
 Acq On : 11 Oct 2018 10:21
 Operator : SJ/JU
 Sample : SST00.144
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 11 12:20:19 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 : Thu Oct 11 12:14:30 2018
 Response via : Initial Calibration

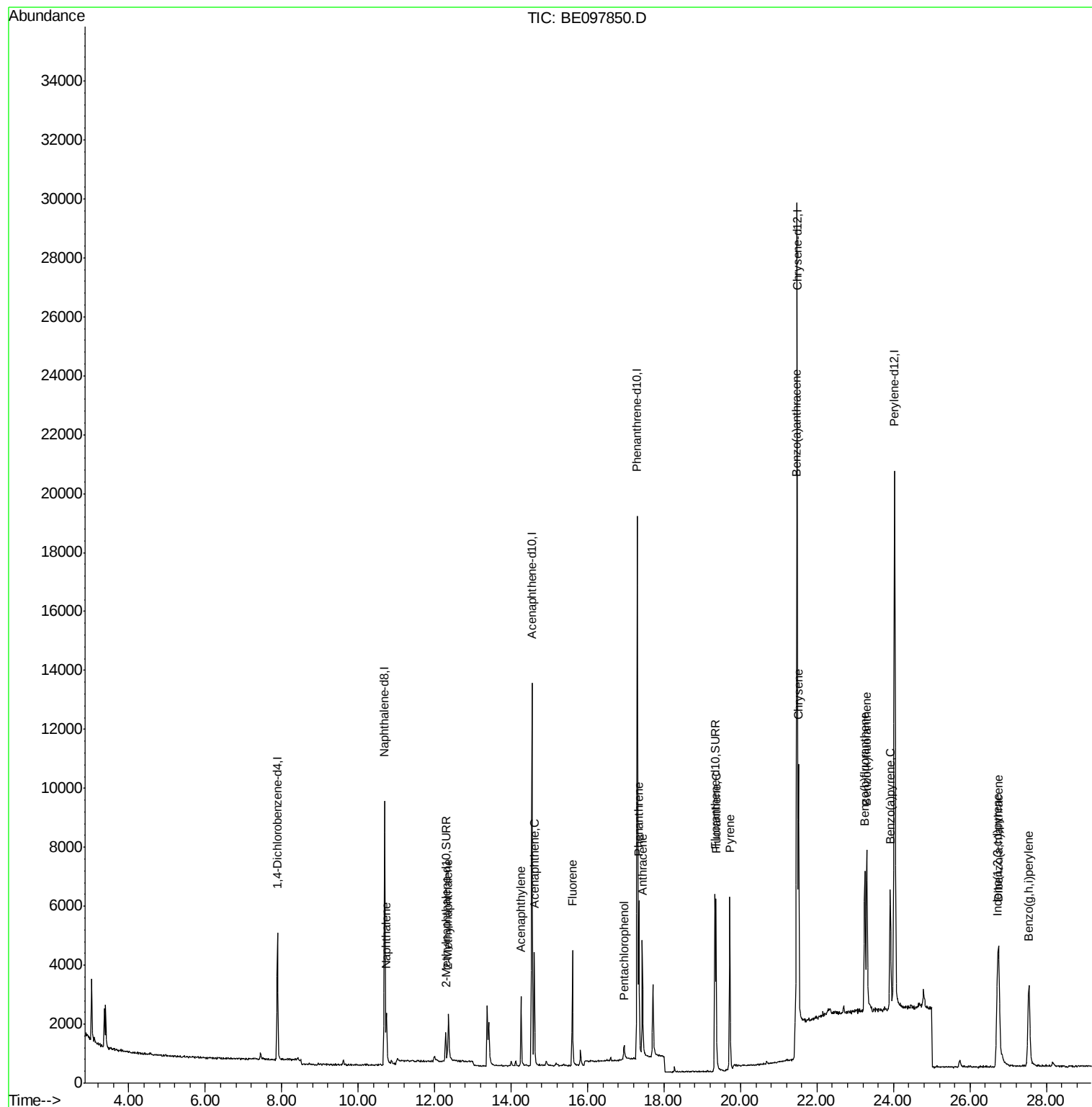
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2202	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10360	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	7850	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	24068	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	33712	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	28679	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1713	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	7433	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2471	0.099	ng/ul#	87
5) 2-Methylnaphthalene	12.36	142	1792	0.108	ng/ul	99
7) Acenaphthylene	14.26	152	2853	0.103	ng/ul	97
8) Acenaphthene	14.60	153	2268	0.098	ng/ul	98
9) Fluorene	15.60	166	2903	0.105	ng/ul	98
11) Pentachlorophenol	16.95	266	434	0.198	ng/ul	98
12) Phenanthrene	17.34	178	5491	0.095	ng/ul	96
13) Anthracene	17.43	178	4995	0.102	ng/ul	97
15) Fluoranthene	19.36	202	6856	0.090	ng/ul	95
17) Pyrene	19.72	202	8722	0.105	ng/ul#	96
18) Benzo(a)anthracene	21.46	228	9599	0.103	ng/ul	99
19) Chrysene	21.52	228	8281	0.092	ng/ul	96
21) Benzo(b)fluoranthene	23.25	252	7335	0.099	ng/ul	89
22) Benzo(k)fluoranthene	23.30	252	8022	0.095	ng/ul#	85
23) Benzo(a)pyrene	23.91	252	7418	0.109	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.72	276	8284	0.108	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.75	278	6834	0.106	ng/ul#	86
26) Benzo(g,h,i)perylene	27.54	276	7352	0.101	ng/ul#	92

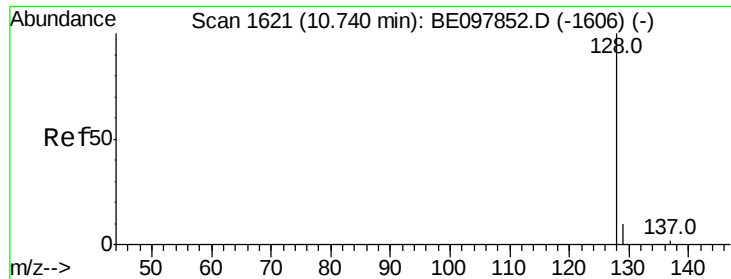
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.099 ng/ul

RT: 10.74 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

Instrument :

BNA_E

ClientSampleId :

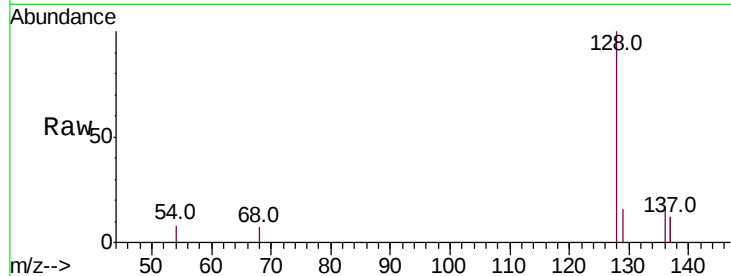
Tot Ion:128 Resp: 2471

Ion Ratio Lower Upper

128 100

129 16.2 9.1 13.7#

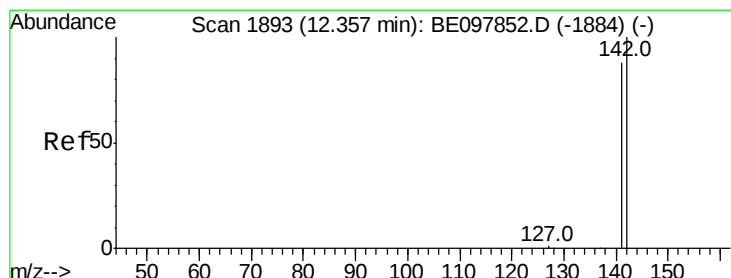
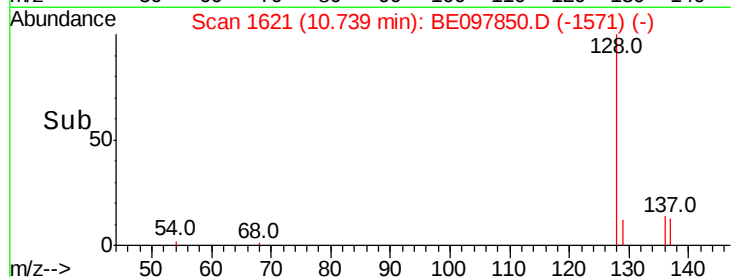
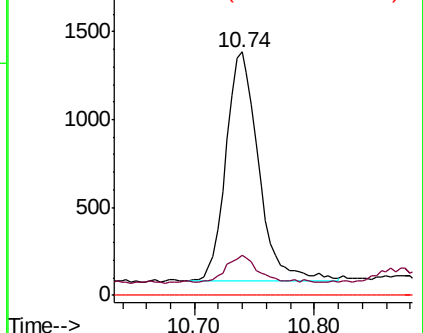
127 0.0 0.0 0.0



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: 0.108 ng/ul

RT: 12.36 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BE097850.D

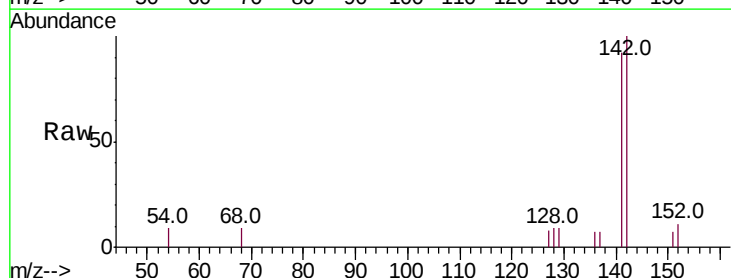
Acq: 11 Oct 2018 10:21

Tgt Ion:142 Resp: 1792

Ion Ratio Lower Upper

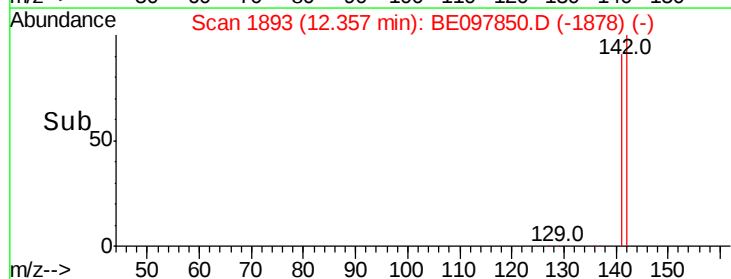
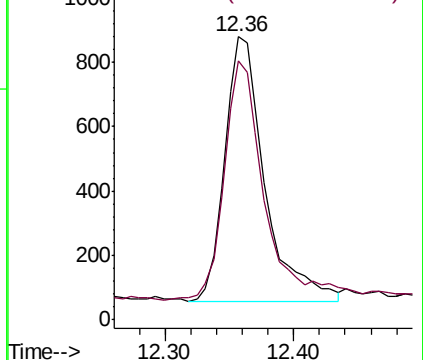
142 100

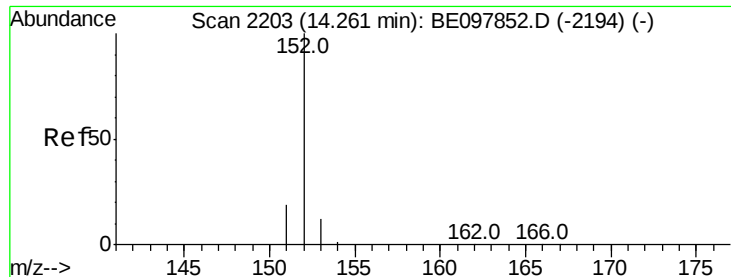
141 88.8 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.103 ng/ul

RT: 14.26 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

Instrument :

BNA_E

ClientSampleId :

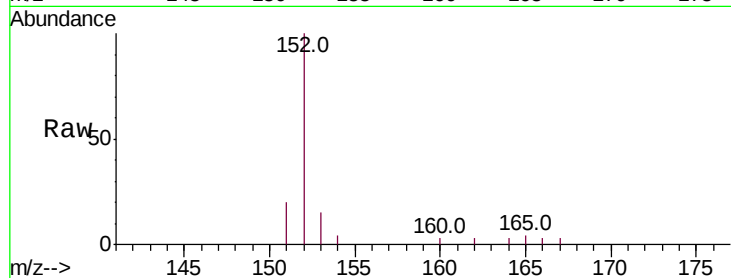
Tot Ion:152 Resp: 2853

Ion Ratio Lower Upper

152 100

151 19.9 15.0 22.6

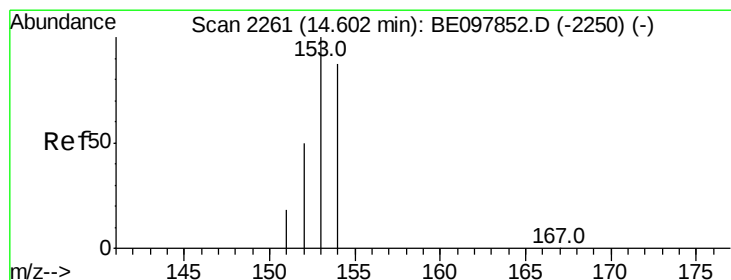
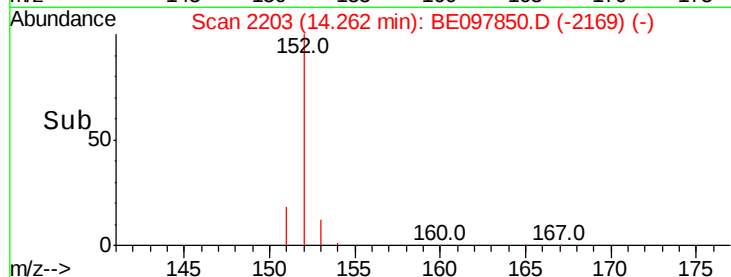
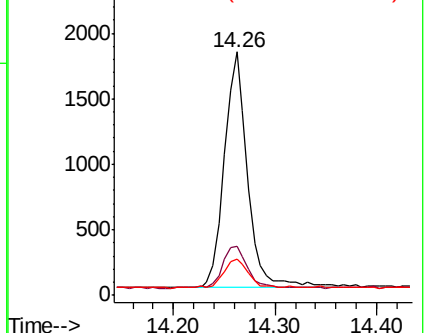
153 14.7 10.5 15.7



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: 0.098 ng/ul

RT: 14.60 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

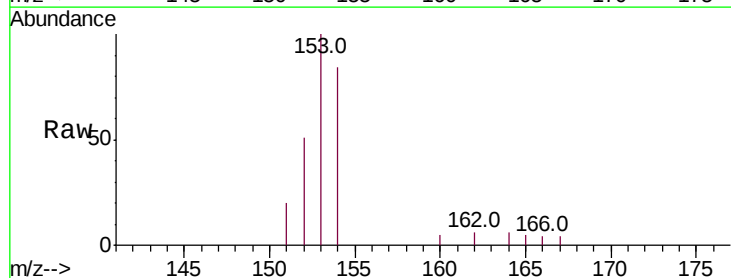
Tgt Ion:153 Resp: 2268

Ion Ratio Lower Upper

153 100

152 51.0 41.2 61.8

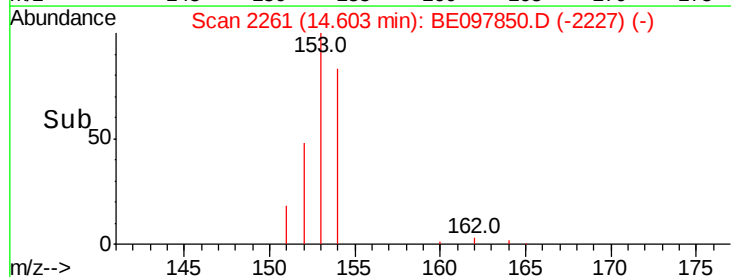
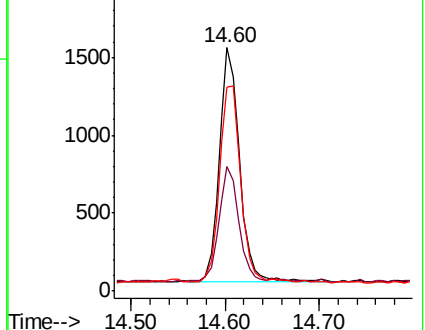
154 83.9 68.6 103.0

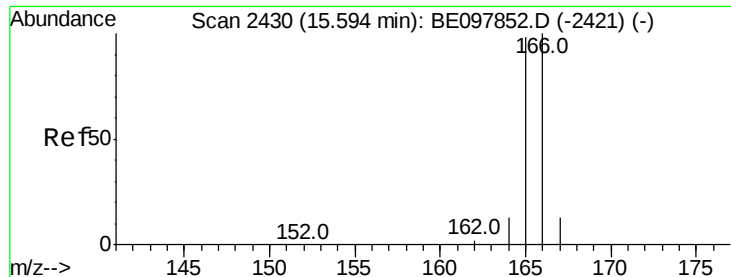


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

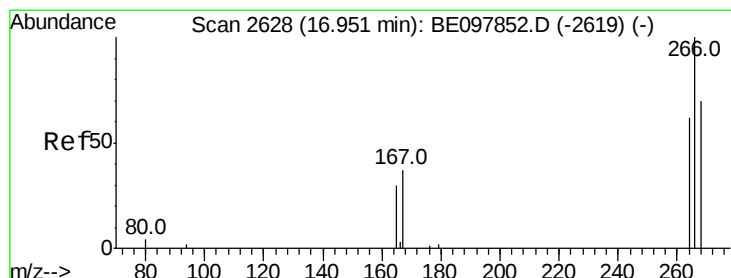
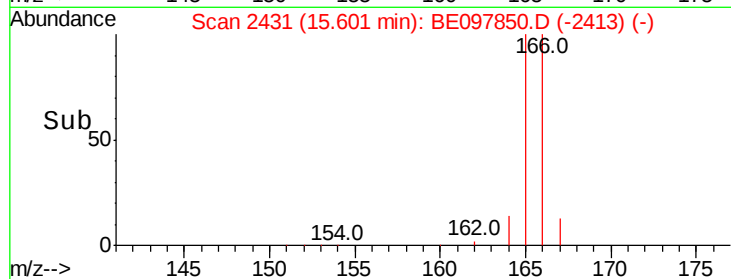
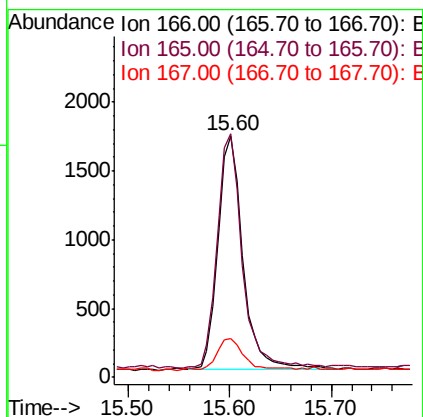
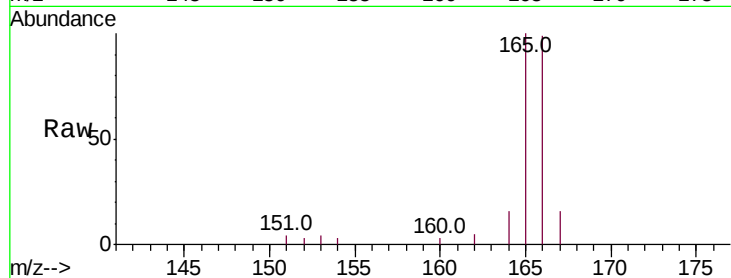




#9
Fluorene
 Concen: 0.105 ng/ul
 RT: 15.60 min Scan# 2431
 Delta R.T. 0.01 min
 Lab File: BE097850.D
 Acq: 11 Oct 2018 10:21

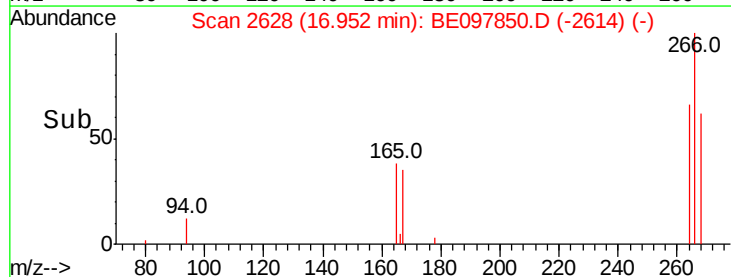
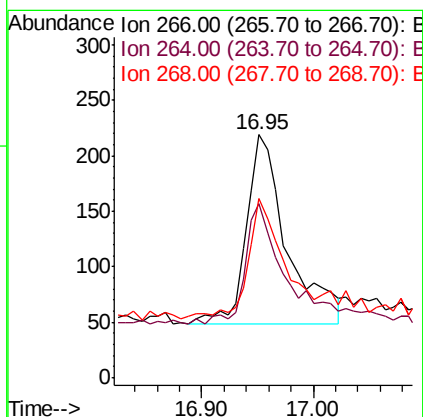
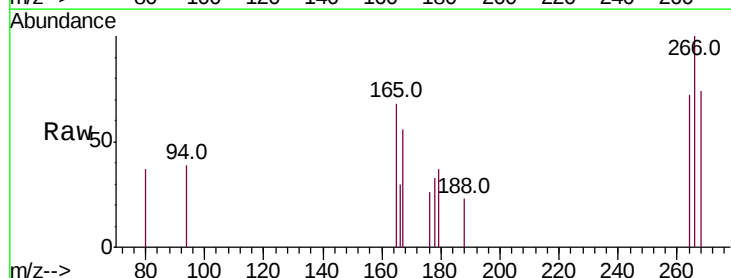
Instrument :
 BNA_E
 ClientSampleId :

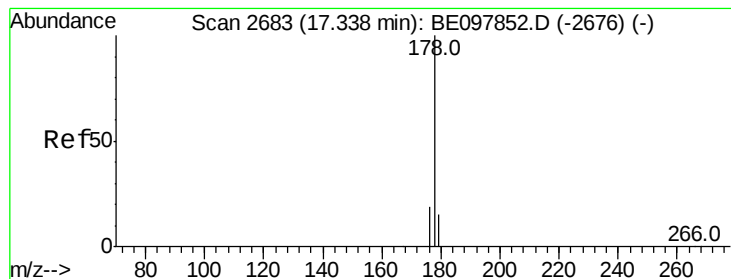
Tot Ion:166 Resp: 2903
 Ion Ratio Lower Upper
 166 100
 165 100.8 79.2 118.8
 167 15.9 11.3 16.9



#11
Pentachlorophenol
 Concen: 0.198 ng/ul
 RT: 16.95 min Scan# 2628
 Delta R.T. 0.00 min
 Lab File: BE097850.D
 Acq: 11 Oct 2018 10:21

Tgt Ion:266 Resp: 434
 Ion Ratio Lower Upper
 266 100
 264 59.4 49.8 74.8
 268 61.3 48.4 72.6





#12

Phenanthrene

Concen: 0.095 ng/ul

RT: 17.34 min Scan# 2683

Delta R.T. 0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

Instrument :

BNA_E

ClientSampled :

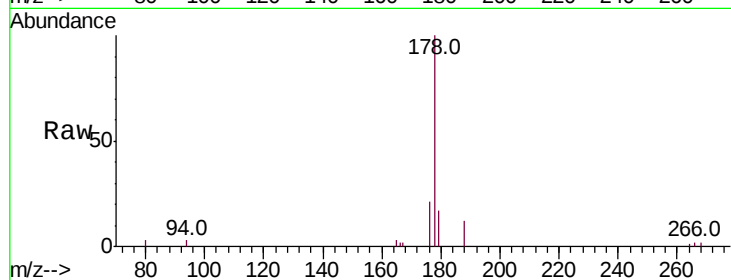
Tot Ion:178 Resp: 5491

Ion Ratio Lower Upper

178 100

179 16.8 12.8 19.2

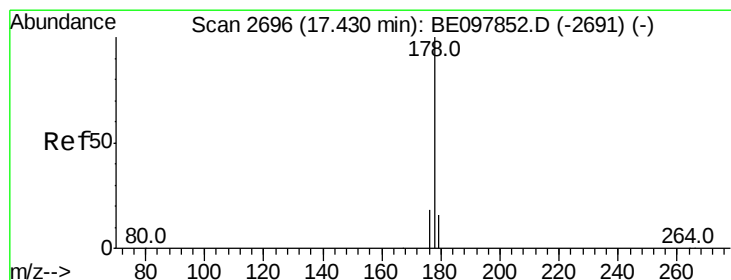
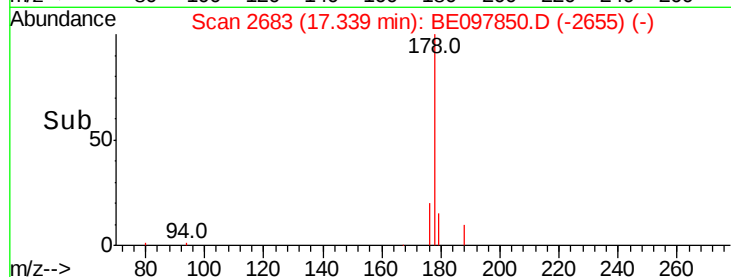
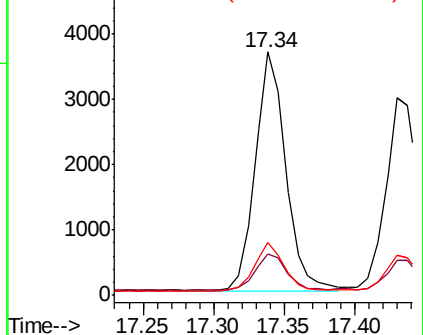
176 21.5 14.9 22.3



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: 0.102 ng/ul

RT: 17.43 min Scan# 2696

Delta R.T. 0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

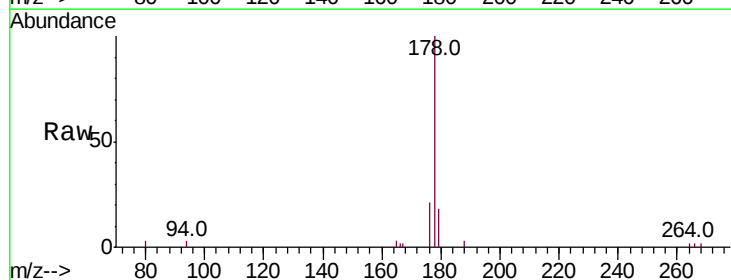
Tgt Ion:178 Resp: 4995

Ion Ratio Lower Upper

178 100

179 17.7 12.9 19.3

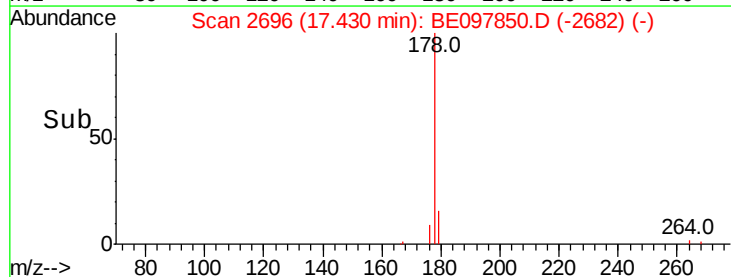
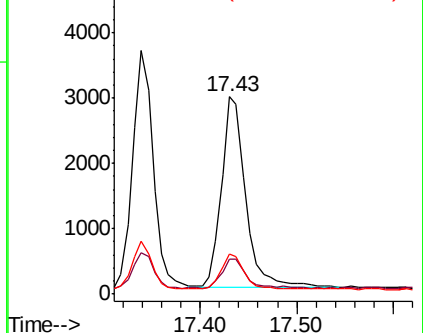
176 20.6 15.5 23.3

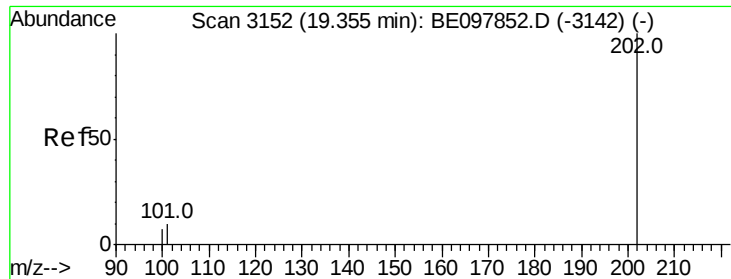


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

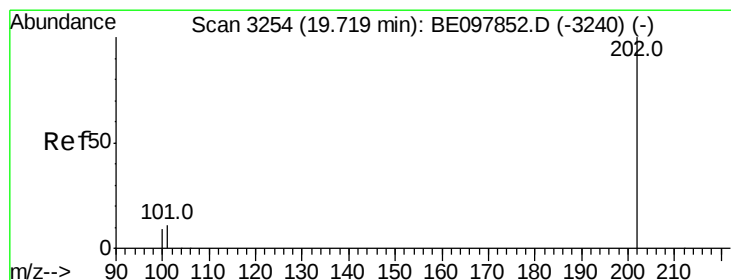
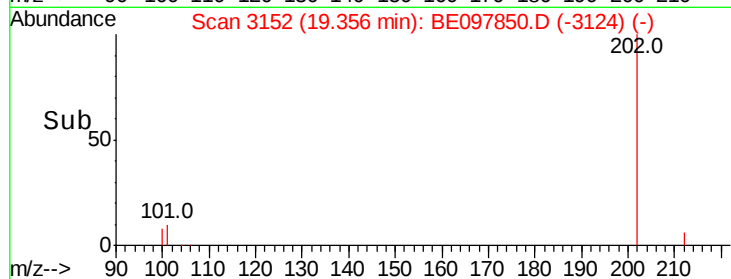
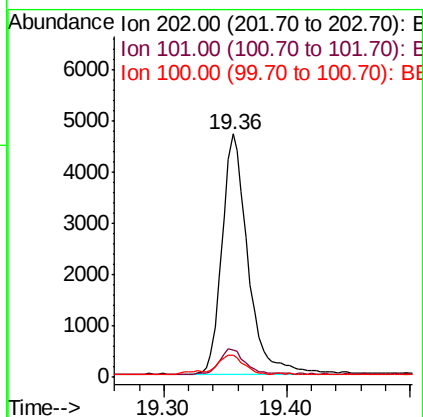
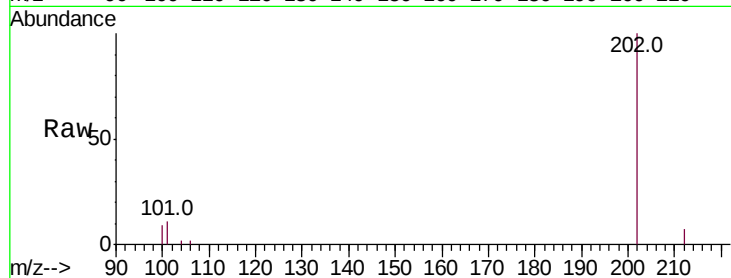




#15
Fluoranthene
Concen: 0.090 ng/ul
RT: 19.36 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BE097850.D
Acq: 11 Oct 2018 10:21

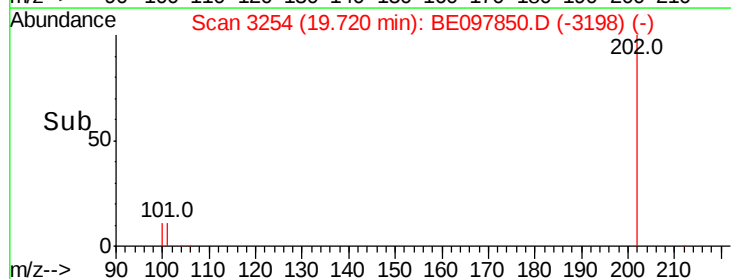
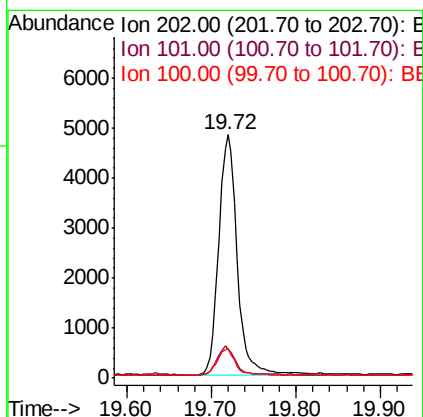
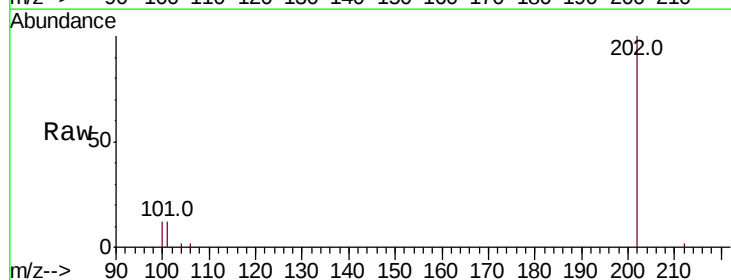
Instrument :
BNA_E
ClientSampleId :

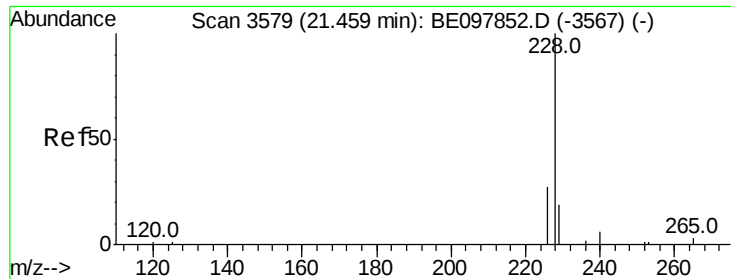
Tot Ion:202 Resp: 6856
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.3
100 9.2 0.0 27.5



#17
Pyrene
Concen: 0.105 ng/ul
RT: 19.72 min Scan# 3254
Delta R.T. 0.00 min
Lab File: BE097850.D
Acq: 11 Oct 2018 10:21

Tgt Ion:202 Resp: 8722
Ion Ratio Lower Upper
202 100
101 12.0 8.8 13.2
100 12.1 7.9 11.9#





#18

Benzo(a)anthracene

Concen: 0.103 ng/ul

RT: 21.46 min Scan# 3579

Delta R.T. 0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

Instrument :

BNA_E

ClientSampleId :

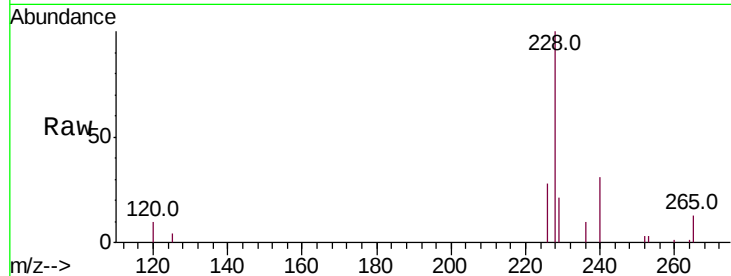
Tot Ion:228 Resp: 9599

Ion Ratio Lower Upper

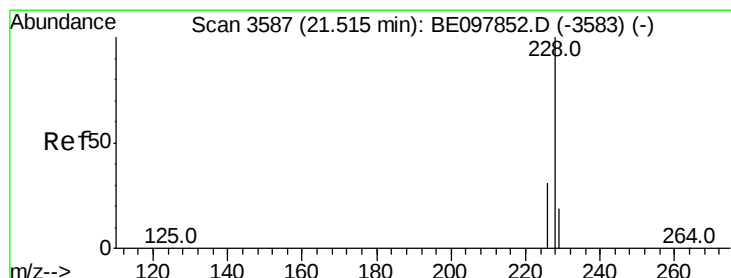
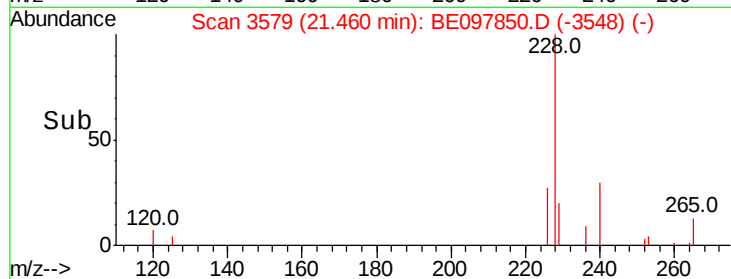
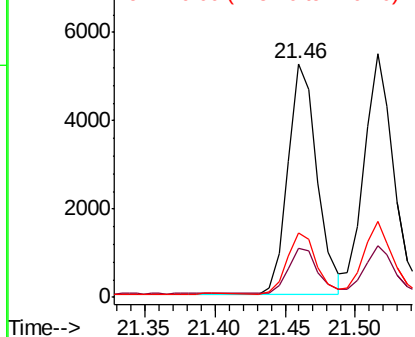
228 100

229 20.9 16.4 24.6

226 27.7 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: 0.092 ng/ul

RT: 21.52 min Scan# 3587

Delta R.T. 0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

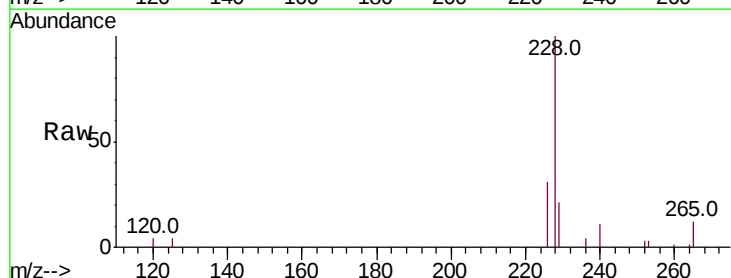
Tgt Ion:228 Resp: 8281

Ion Ratio Lower Upper

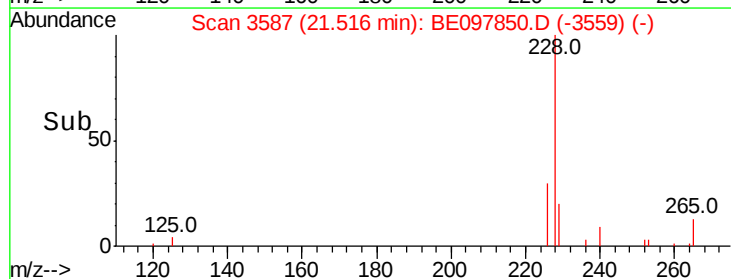
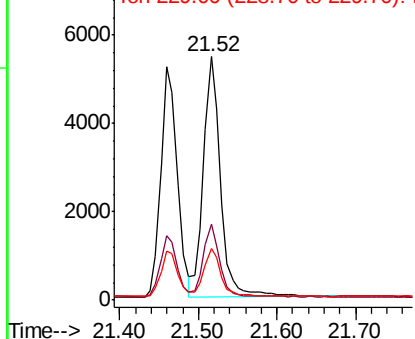
228 100

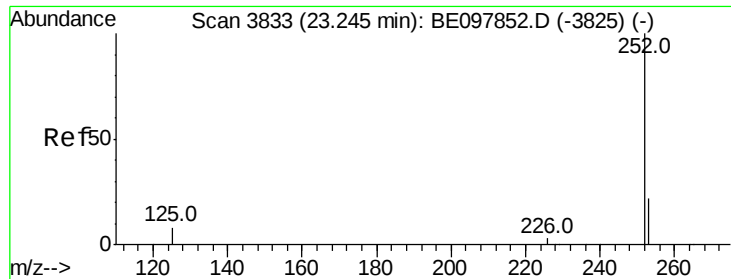
226 31.4 23.0 34.4

229 20.9 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: 0.099 ng/ul

RT: 23.25 min Scan# 3833

Delta R.T. 0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

Instrument :

BNA_E

ClientSampleId :

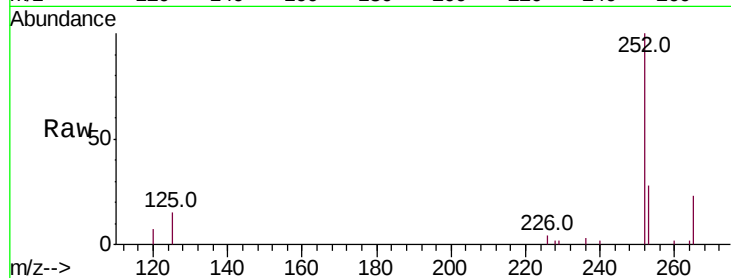
Tot Ion:252 Resp: 7335

Ion Ratio Lower Upper

252 100

253 27.7 0.0 47.0

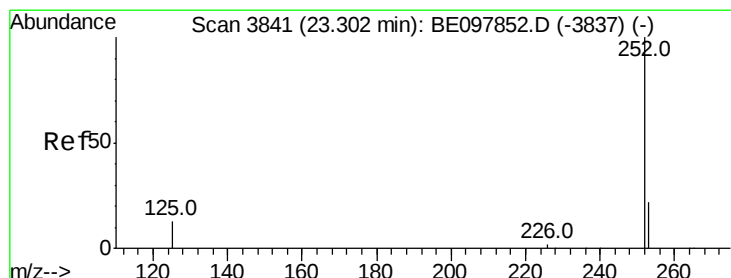
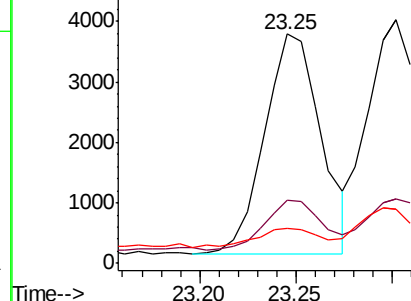
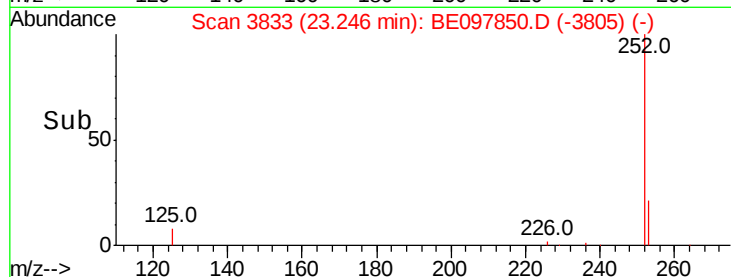
125 15.3 0.0 18.2



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: 0.095 ng/ul

RT: 23.30 min Scan# 3841

Delta R.T. 0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

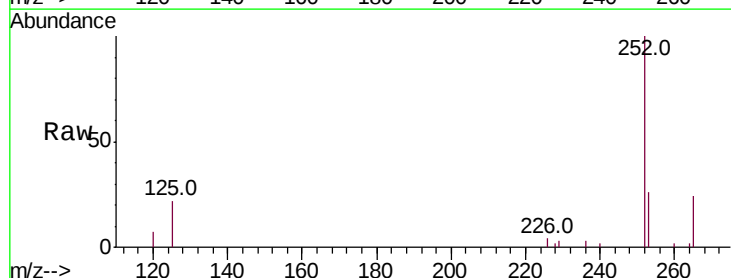
Tgt Ion:252 Resp: 8022

Ion Ratio Lower Upper

252 100

253 26.3 17.8 26.6

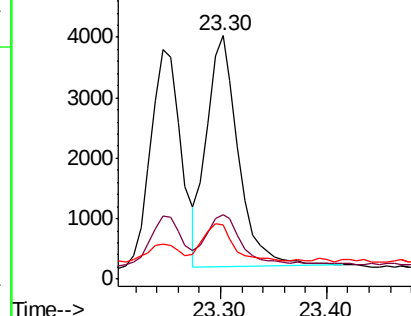
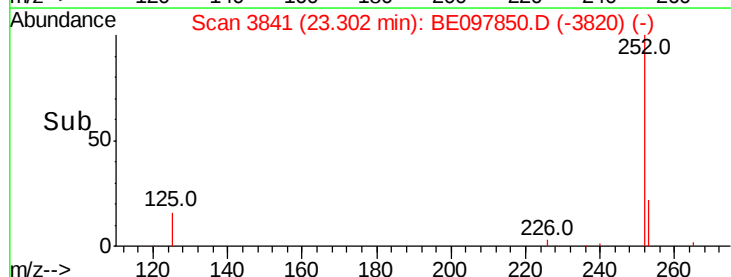
125 22.5 9.4 14.0#

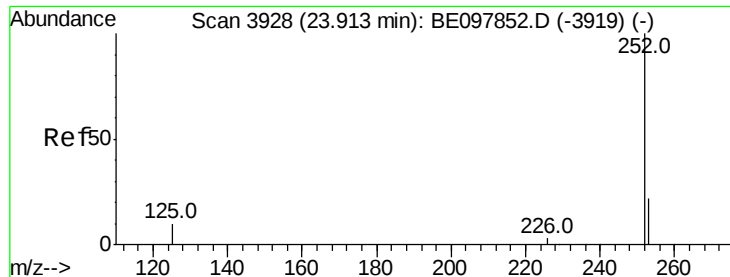


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.109 ng/ul

RT: 23.91 min Scan# 3928

Delta R.T. 0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

Instrument :

BNA_E

ClientSampleId :

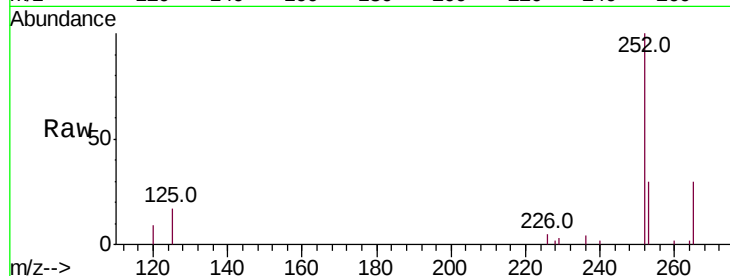
Tot Ion:252 Resp: 7418

Ion Ratio Lower Upper

252 100

253 29.8 18.2 27.4#

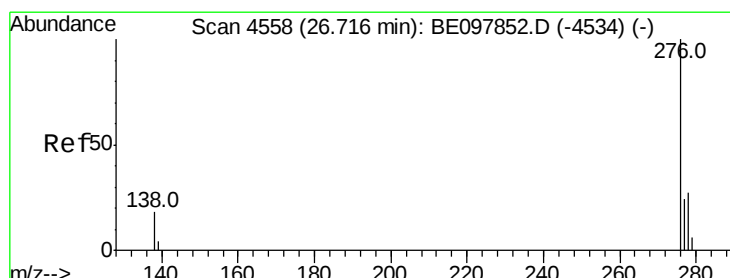
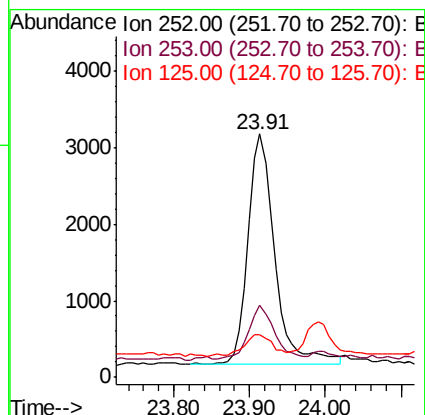
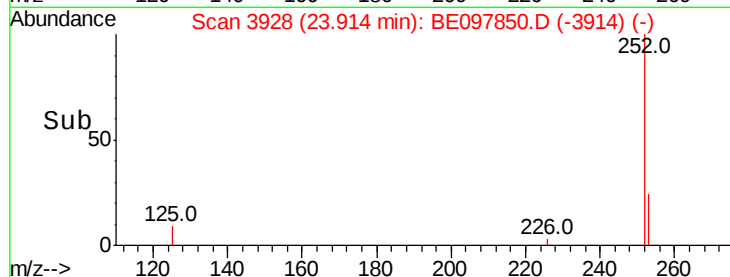
125 17.4 8.3 12.5#



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: 0.108 ng/ul

RT: 26.72 min Scan# 4558

Delta R.T. 0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

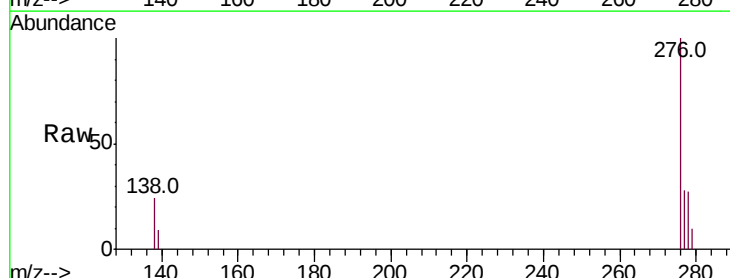
Tgt Ion:276 Resp: 8284

Ion Ratio Lower Upper

276 100

138 20.8 0.0 0.0#

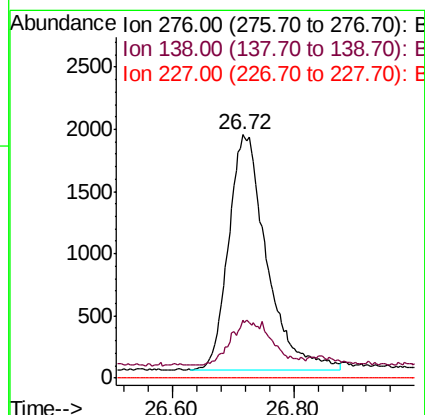
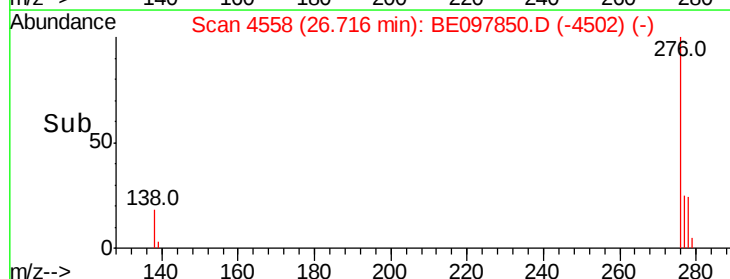
227 0.0 0.0 0.0

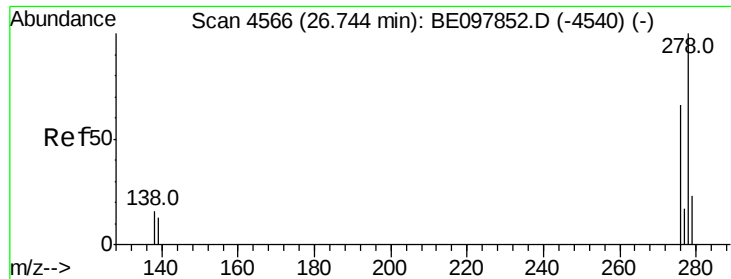


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.106 ng/ul

RT: 26.75 min Scan# 4567

Delta R.T. 0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

Instrument :

BNA_E

ClientSampleId :

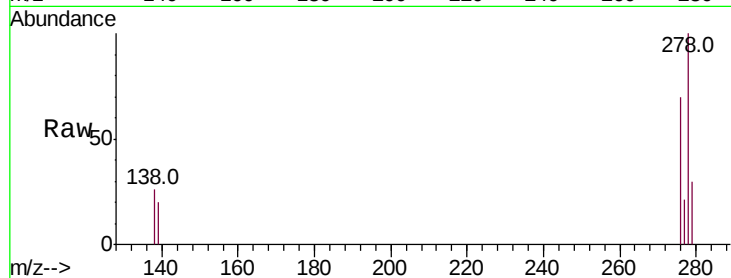
Tot Ion:278 Resp: 6834

Ion Ratio Lower Upper

278 100

139 20.1 10.9 16.3#

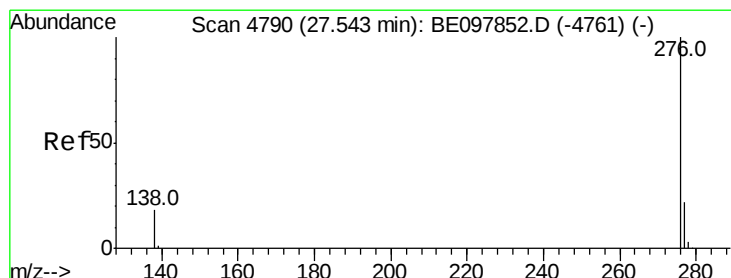
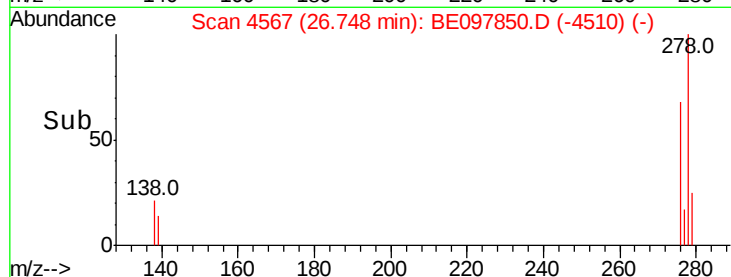
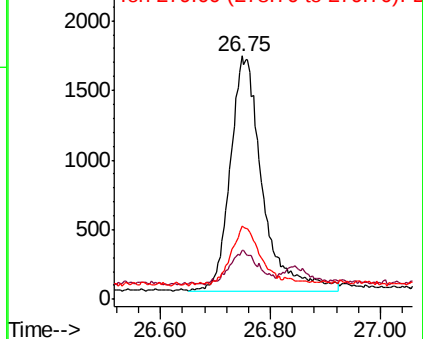
279 30.1 18.8 28.2#



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: 0.101 ng/ul

RT: 27.54 min Scan# 4789

Delta R.T. -0.00 min

Lab File: BE097850.D

Acq: 11 Oct 2018 10:21

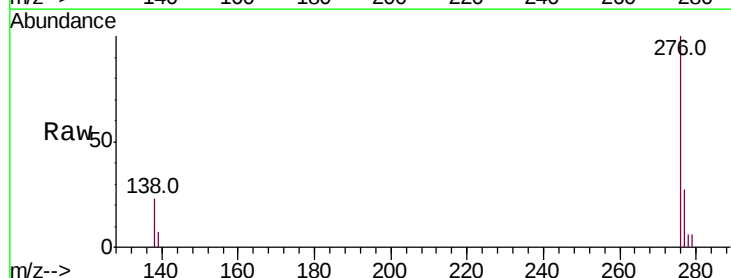
Tgt Ion:276 Resp: 7352

Ion Ratio Lower Upper

276 100

138 22.8 14.3 21.5#

277 27.2 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

