

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096961.D
 Acq On : 17 Jul 2018 17:18
 Operator : SJ/JU
 Sample : J3967-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 18 03:16:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 03:13:50 2018
 Response via : Initial Calibration

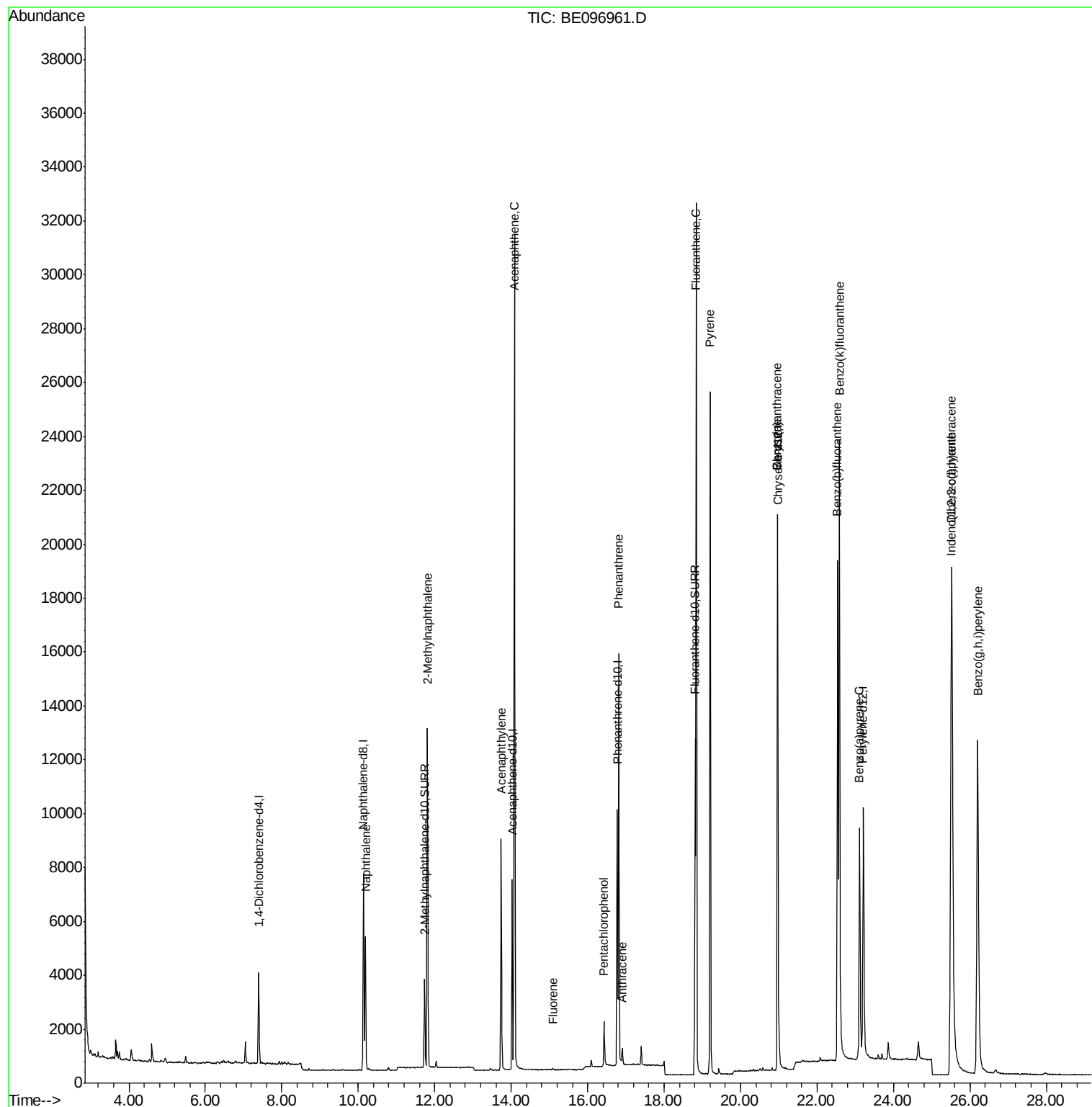
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1609	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	7457	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	3977	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	11417	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	12792	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	13061	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	4443	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	13328	0.38	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	7361	0.407	ng/ul#	93
5) 2-Methylnaphthalene	11.81	142	10443	0.875	ng/ul	98
7) Acenaphthylene	13.74	152	9782	0.564	ng/ul	95
8) Acenaphthene	14.09	153	17245	1.282	ng/ul#	94
9) Fluorene	15.08	166	35	0.002	ng/ul#	65
11) Pentachlorophenol	16.43	266	910	0.705	ng/ul	99
12) Phenanthrene	16.81	178	16582	0.553	ng/ul#	89
13) Anthracene	16.91	178	747	0.029	ng/ul#	89
15) Fluoranthene	18.84	202	34719	0.879	ng/ul	84
17) Pyrene	19.21	202	27524	0.744	ng/ul#	82
18) Benzo(a)anthracene	20.96	228	14840	0.438	ng/ul#	85
19) Chrysene	20.96	228	14840	0.386	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	25443	0.686	ng/ul	83
22) Benzo(k)fluoranthene	22.58	252	31278	0.817	ng/ul#	84
23) Benzo(a)pyrene	23.11	252	13903	0.427	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.51	276	26045	0.714	ng/ul#	83
25) Dibenzo(a,h)anthracene	25.53	278	27531	0.904	ng/ul#	86
26) Benzo(g,h,i)perylene	26.20	276	29130	0.895	ng/ul#	93

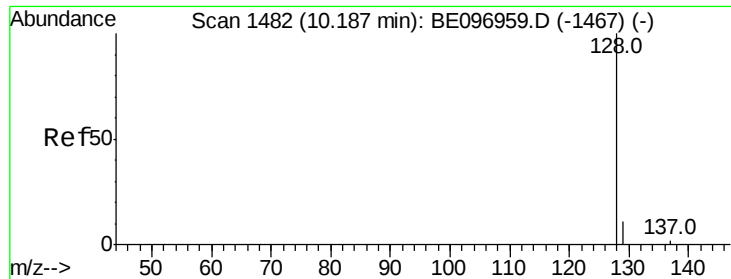
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.407 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

Instrument :

BNA_E

ClientSampleId :

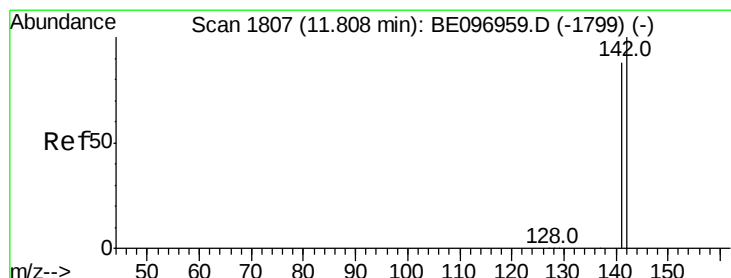
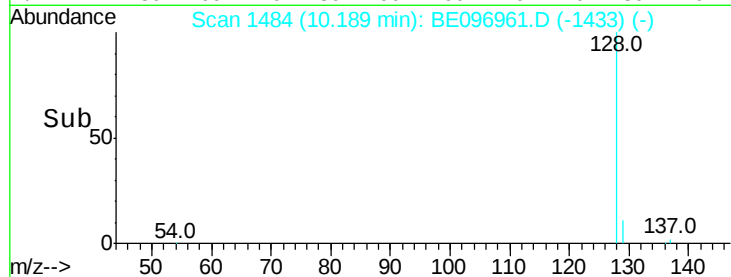
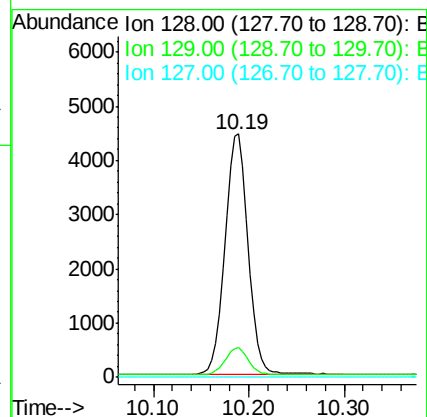
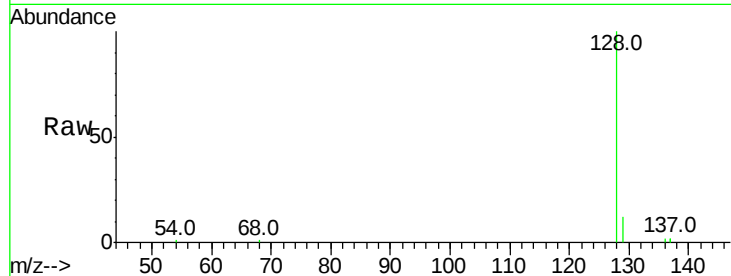
Tot Ion:128 Resp: 7361

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.875 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096961.D

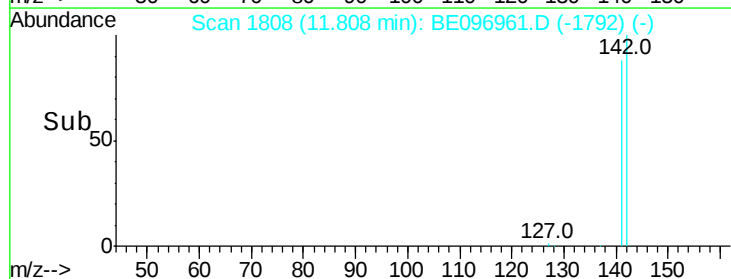
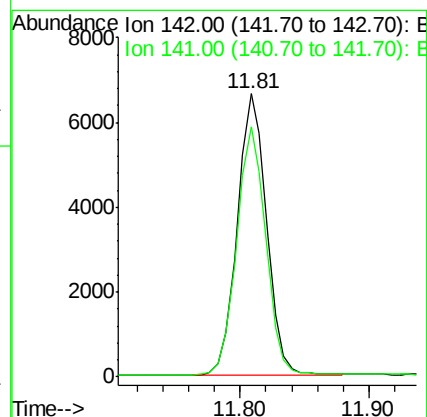
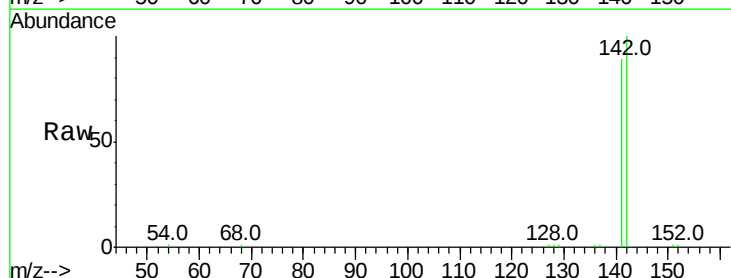
Acq: 17 Jul 2018 17:18

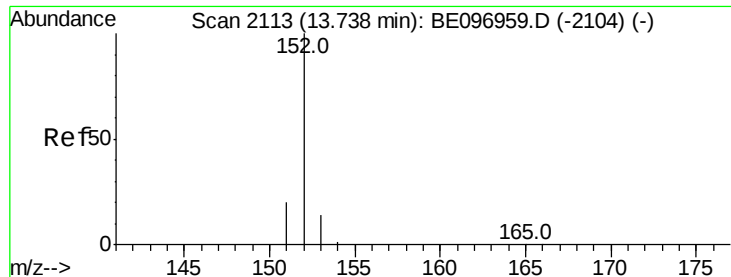
Tgt Ion:142 Resp: 10443

Ion Ratio Lower Upper

142 100

141 88.4 72.6 108.8





#7

Acenaphthylene

Concen: 0.564 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

Instrument :

BNA_E

ClientSampleId :

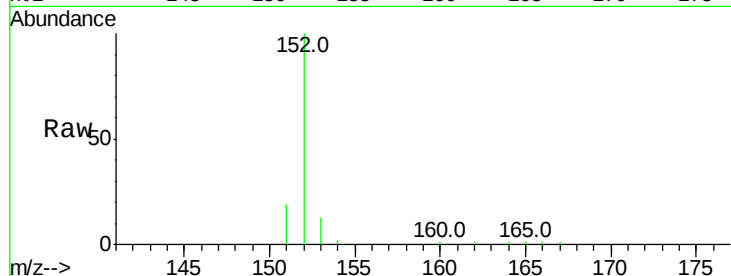
Tot Ion:152 Resp: 9782

Ion Ratio Lower Upper

152 100

151 19.2 17.1 25.7

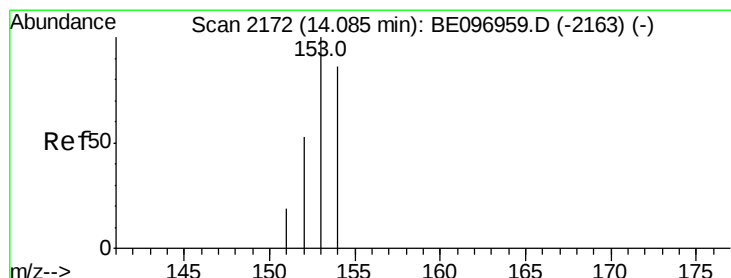
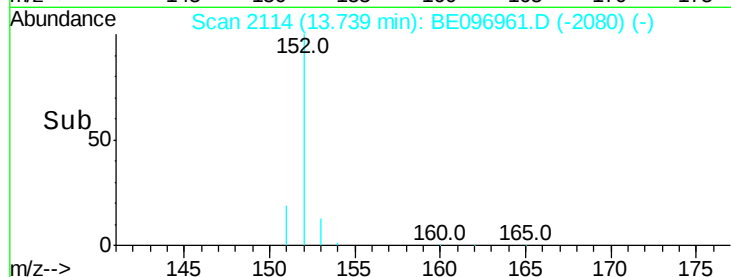
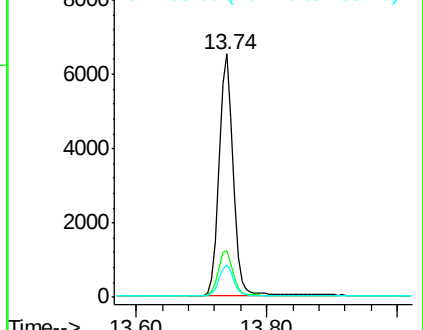
153 13.3 12.8 19.2



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: 1.282 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

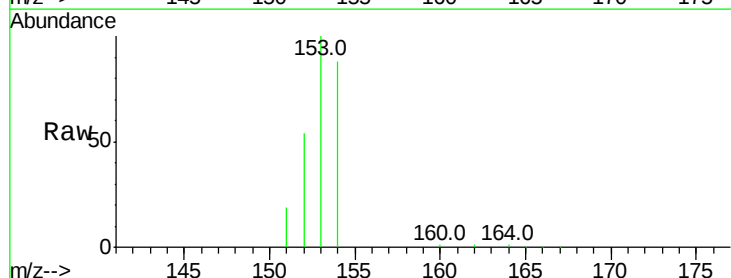
Tgt Ion:153 Resp: 17245

Ion Ratio Lower Upper

153 100

152 54.2 36.0 54.0#

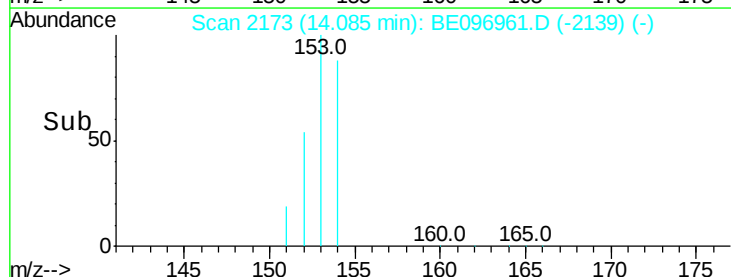
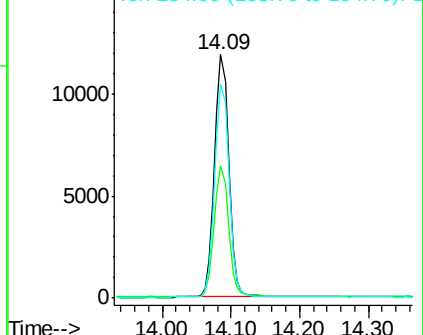
154 87.8 72.0 108.0

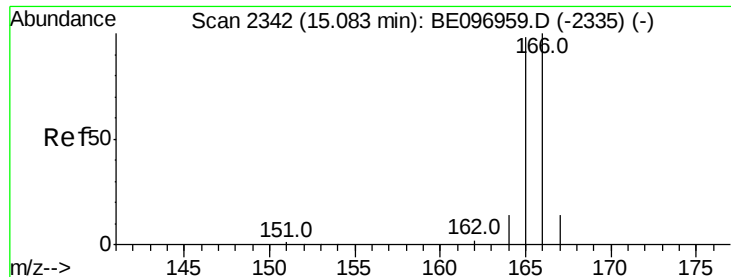


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.002 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

Instrument :

BNA_E

ClientSampleId :

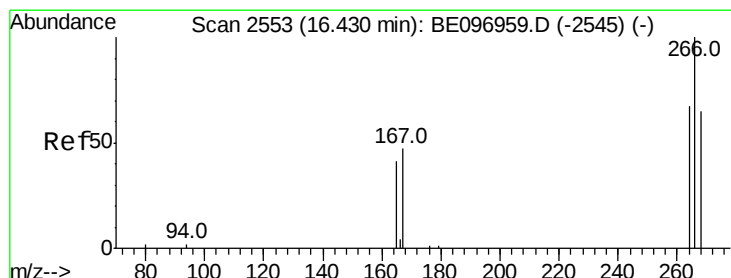
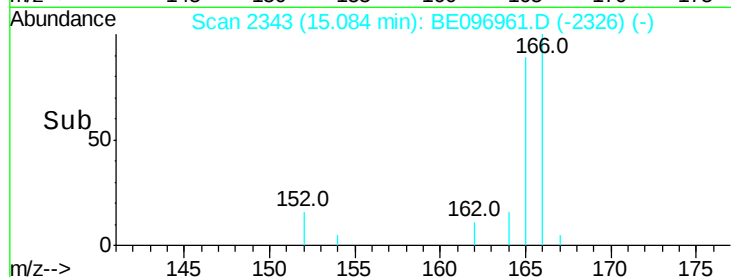
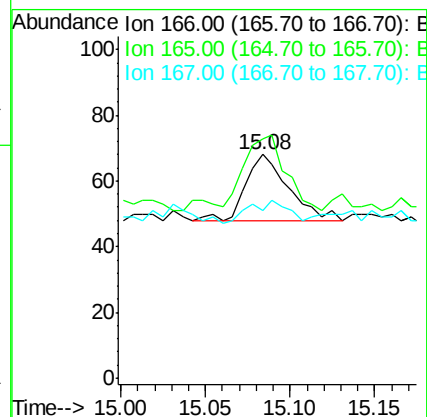
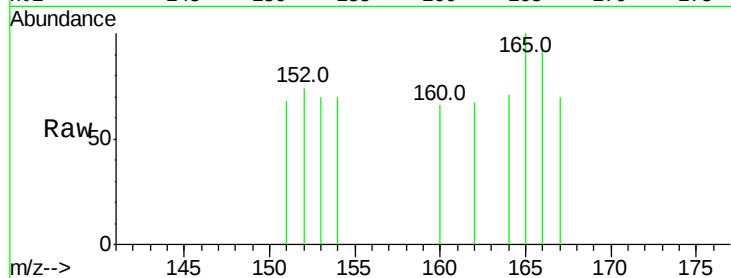
Tot Ion:166 Resp: 35

Ion Ratio Lower Upper

166 100

165 107.4 73.4 110.2

167 75.0 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.705 ng/ul

RT: 16.43 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

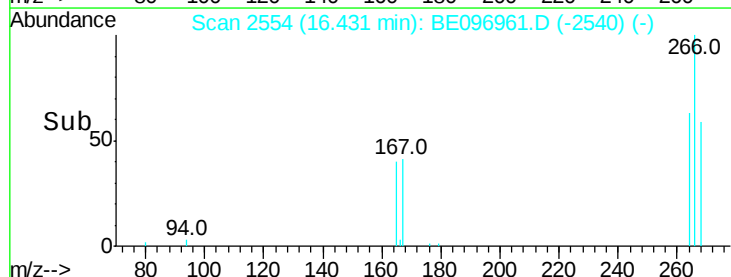
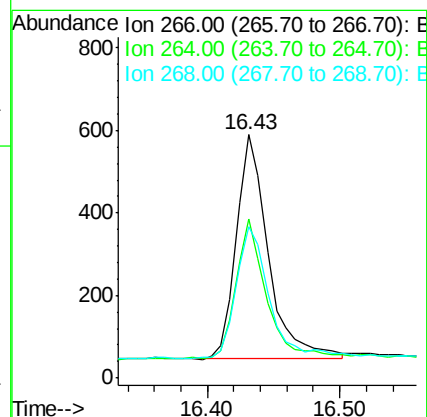
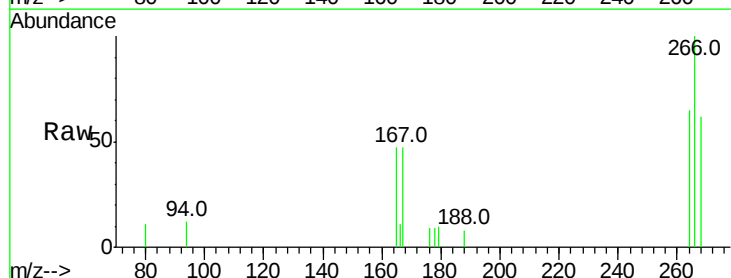
Tgt Ion:266 Resp: 910

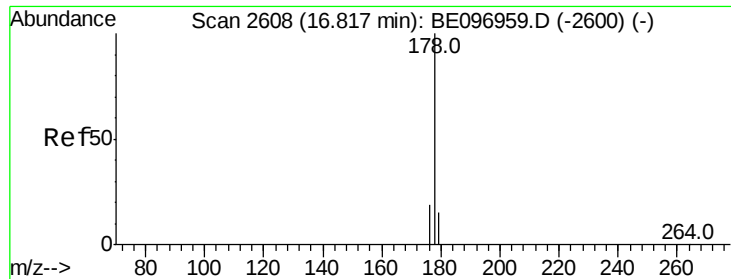
Ion Ratio Lower Upper

266 100

264 59.3 47.9 71.9

268 61.6 49.8 74.8





#12

Phenanthrene

Concen: 0.553 ng/ul

RT: 16.81 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

Instrument :

BNA_E

ClientSampleId :

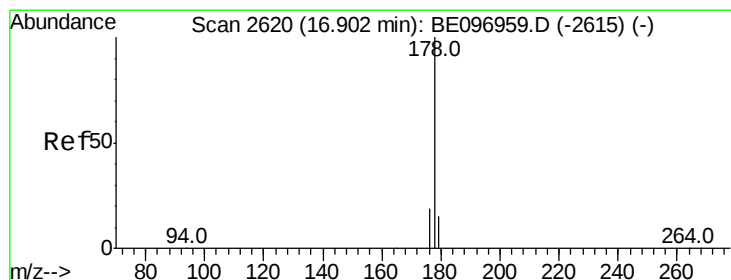
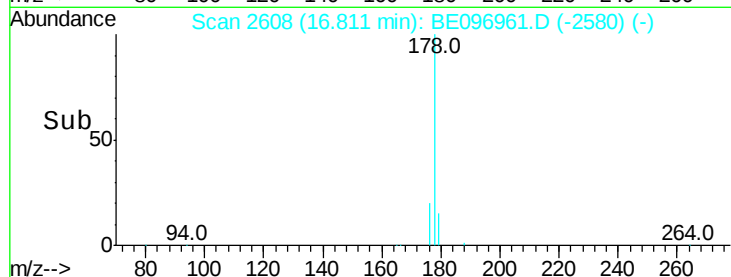
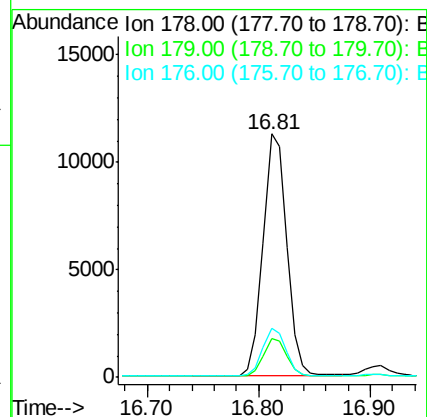
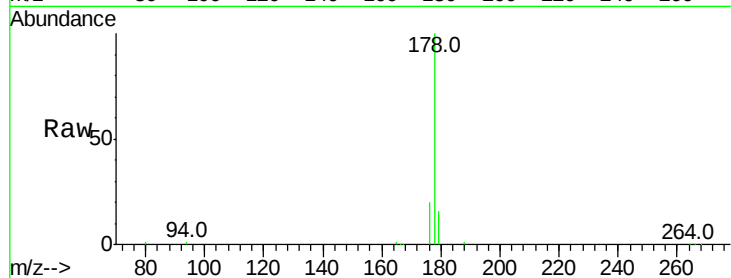
Tot Ion:178 Resp: 16582

Ion Ratio Lower Upper

178 100

179 15.8 18.4 27.6#

176 20.0 13.6 20.4



#13

Anthracene

Concen: 0.029 ng/ul

RT: 16.91 min Scan# 2622

Delta R.T. 0.01 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

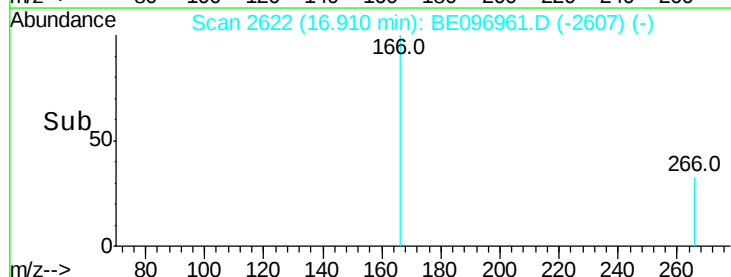
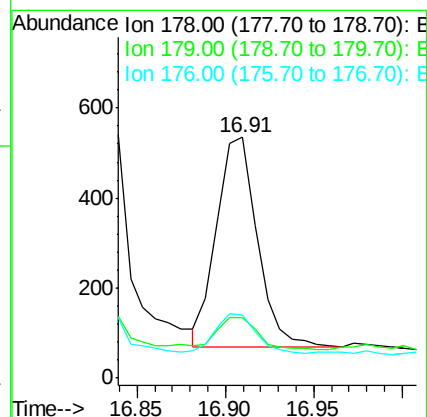
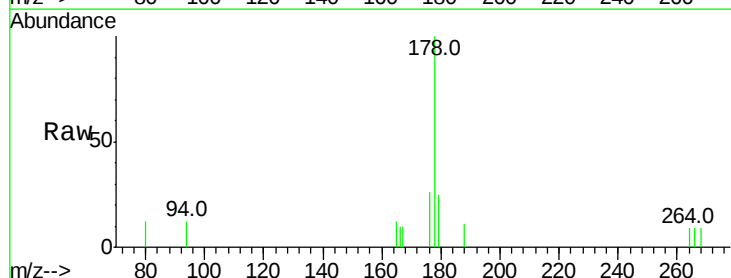
Tgt Ion:178 Resp: 747

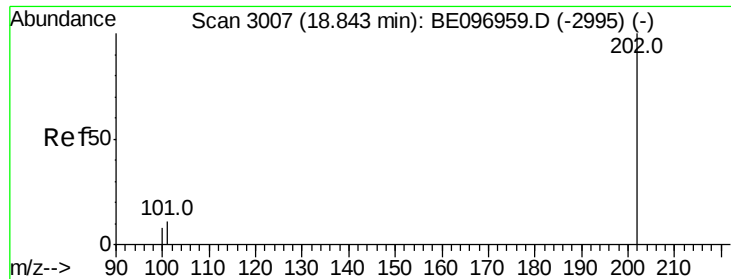
Ion Ratio Lower Upper

178 100

179 25.1 18.1 27.1

176 26.0 14.7 22.1#





#15

Fluoranthene

Concen: 0.879 ng/ul

RT: 18.84 min Scan# 3008

Delta R.T. -0.00 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

Instrument :

BNA_E

ClientSampleId :

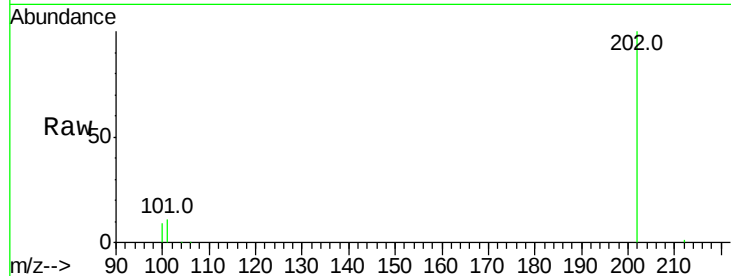
Tot Ion:202 Resp: 34719

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

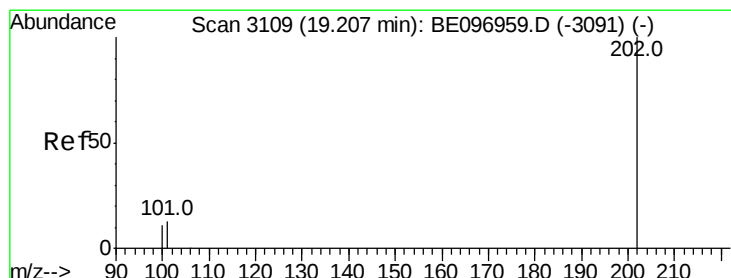
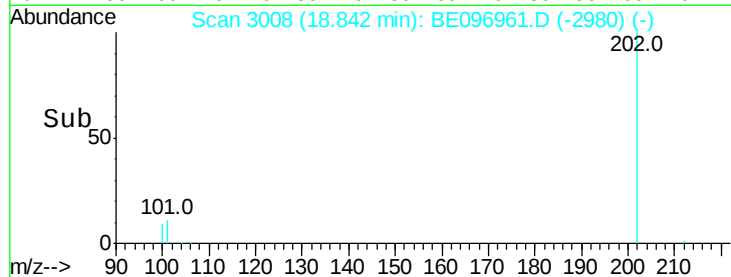
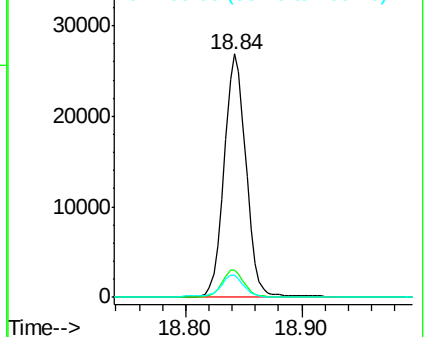
100 9.0 0.0 39.5



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: 0.744 ng/ul

RT: 19.21 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

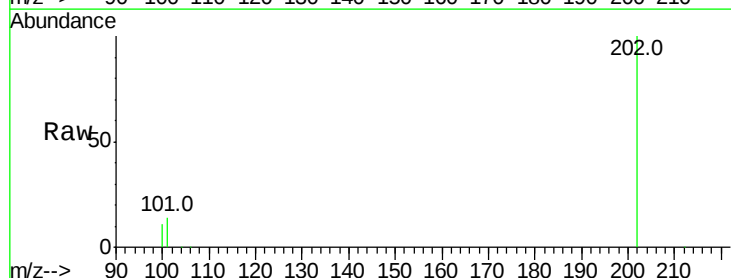
Tgt Ion:202 Resp: 27524

Ion Ratio Lower Upper

202 100

101 13.6 18.2 27.4#

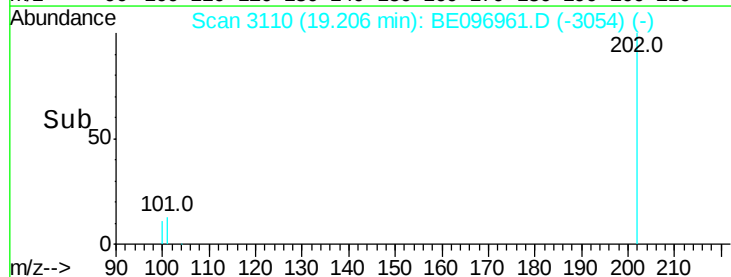
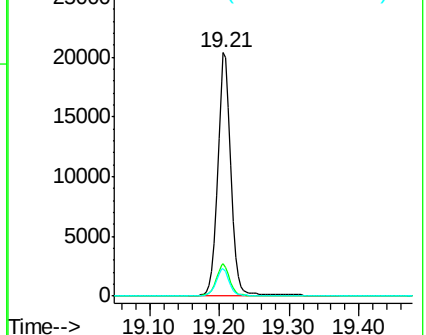
100 11.4 15.6 23.4#

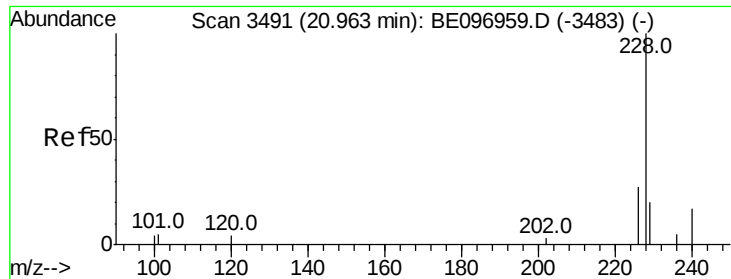


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

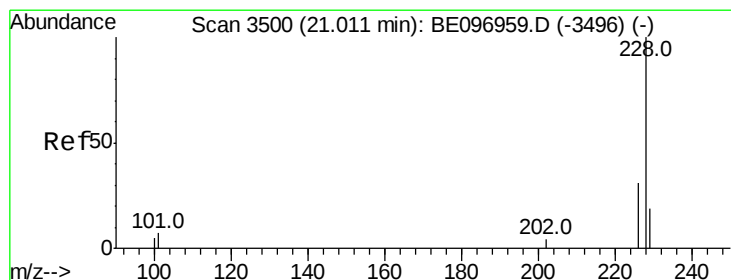
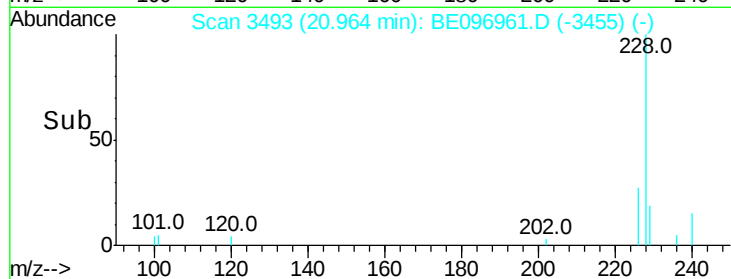
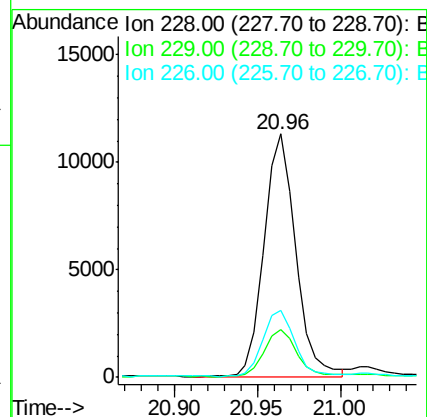
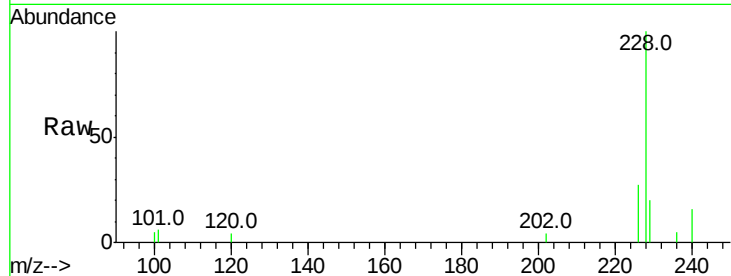




#18
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 20.96 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BE096961.D
Acq: 17 Jul 2018 17:18

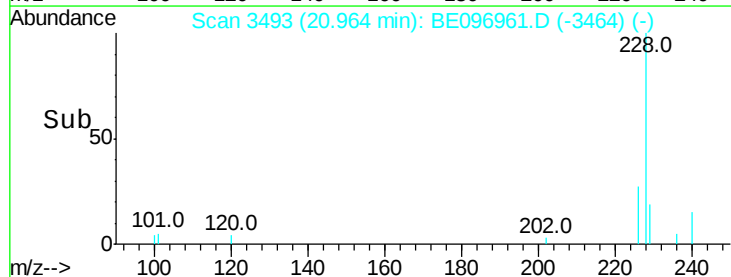
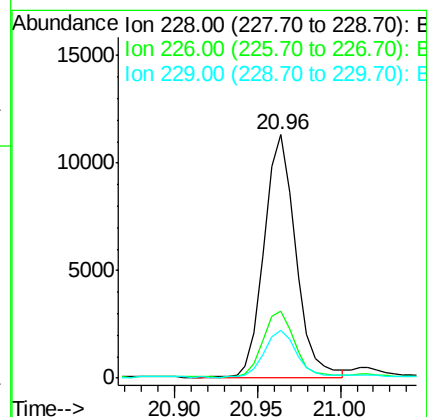
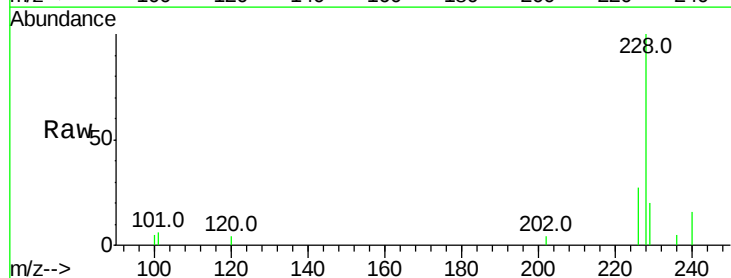
Instrument :
BNA_E
ClientSampleId :

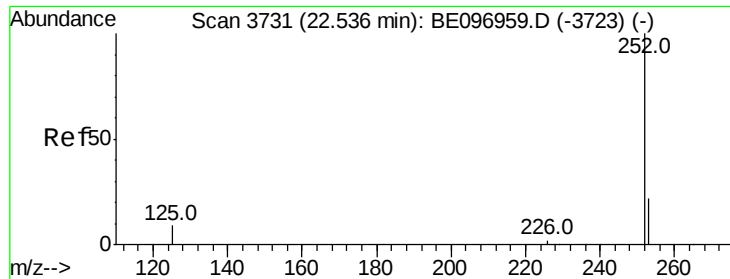
Tot Ion:228 Resp: 14840
Ion Ratio Lower Upper
228 100
229 19.6 22.8 34.2#
226 27.4 17.0 25.6#



#19
Chrysene
Concen: 0.386 ng/ul
RT: 20.96 min Scan# 3493
Delta R.T. -0.05 min
Lab File: BE096961.D
Acq: 17 Jul 2018 17:18

Tgt Ion:228 Resp: 14840
Ion Ratio Lower Upper
228 100
226 27.4 23.4 35.0
229 19.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.686 ng/ul

RT: 22.53 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

Instrument :

BNA_E

ClientSampleId :

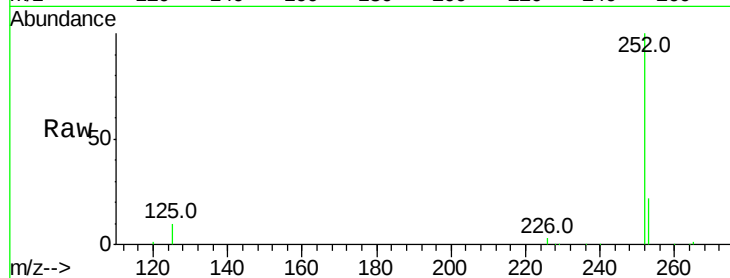
Tot Ion:252 Resp: 25443

Ion Ratio Lower Upper

252 100

253 22.4 0.0 64.2

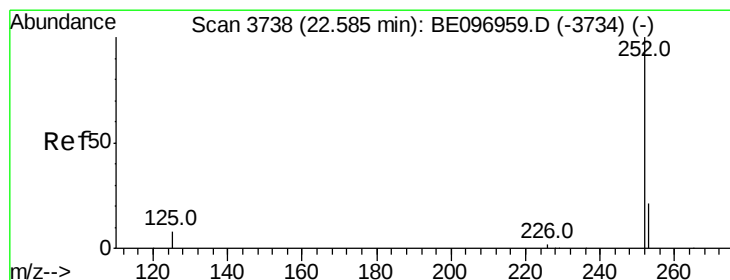
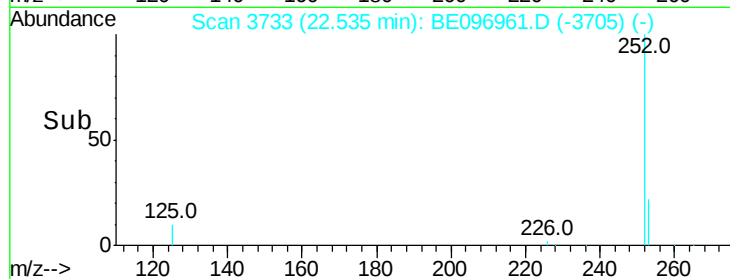
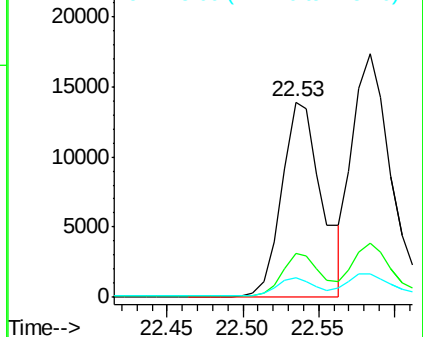
125 10.2 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 0.817 ng/ul

RT: 22.58 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

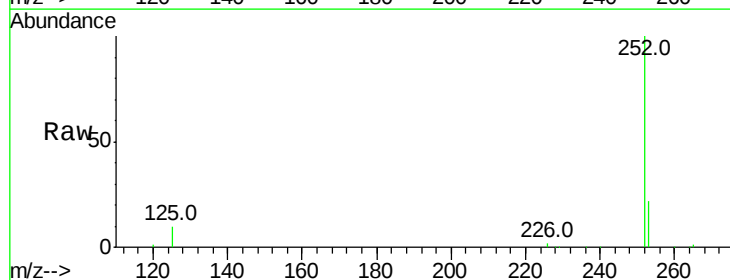
Tgt Ion:252 Resp: 31278

Ion Ratio Lower Upper

252 100

253 22.3 24.5 36.7#

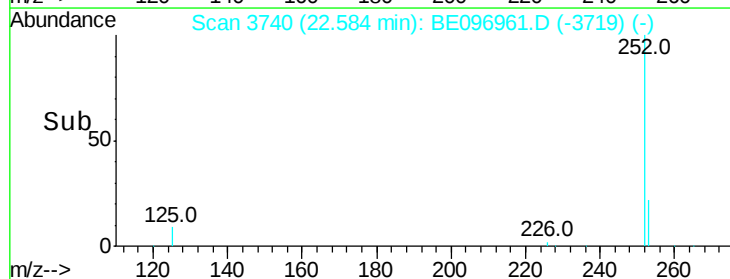
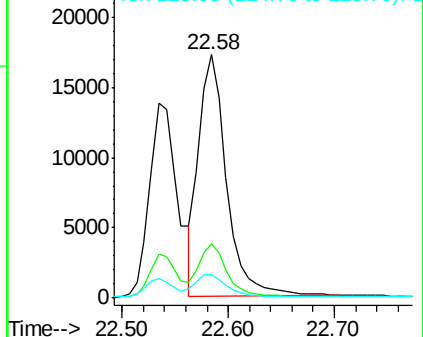
125 9.8 13.7 20.5#

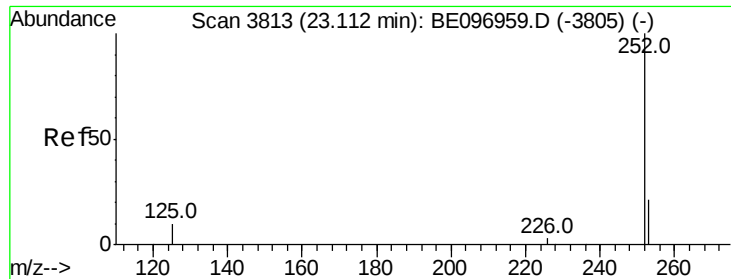


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.427 ng/ul

RT: 23.11 min Scan# 3815

Delta R.T. -0.00 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

Instrument :

BNA_E

ClientSampleId :

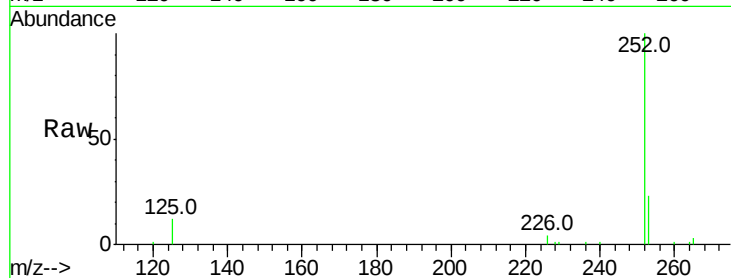
Tot Ion:252 Resp: 13903

Ion Ratio Lower Upper

252 100

253 23.1 28.5 42.7#

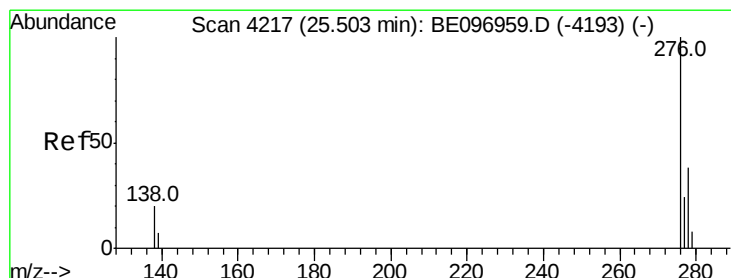
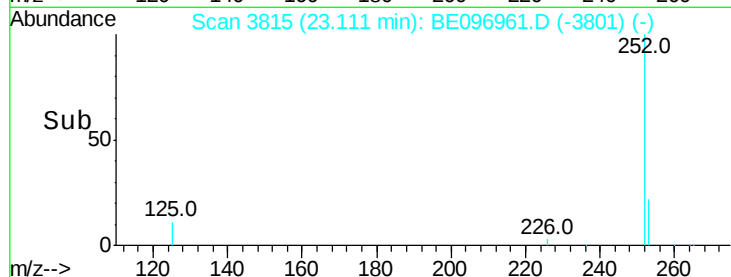
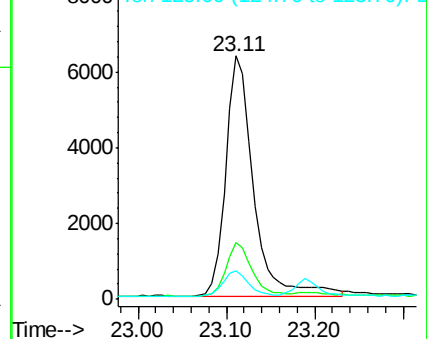
125 11.8 18.1 27.1#



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: 0.714 ng/ul

RT: 25.51 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BE096961.D

Acq: 17 Jul 2018 17:18

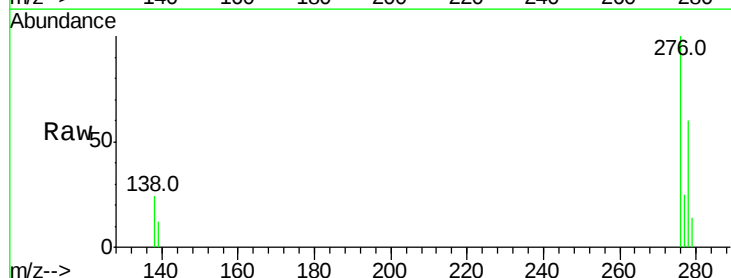
Tgt Ion:276 Resp: 26045

Ion Ratio Lower Upper

276 100

138 26.7 28.0 42.0#

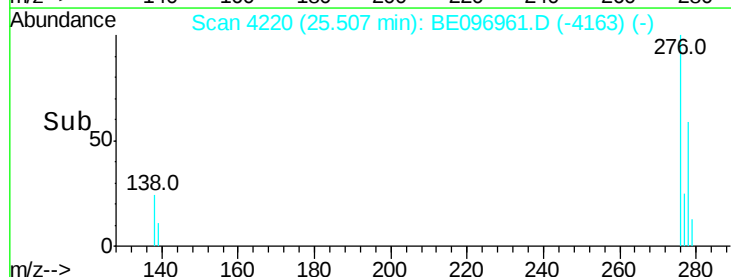
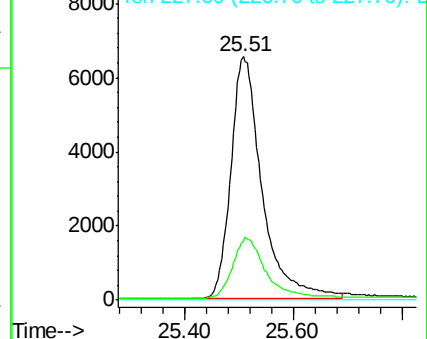
227 0.0 8.0 12.0#

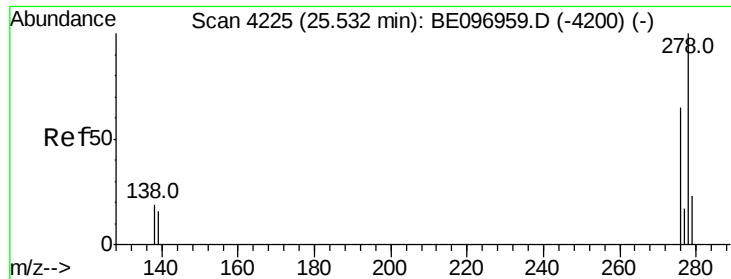


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

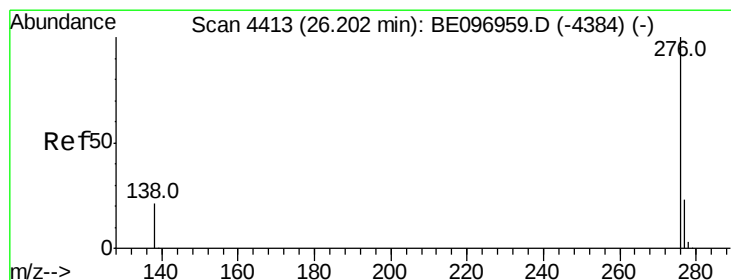
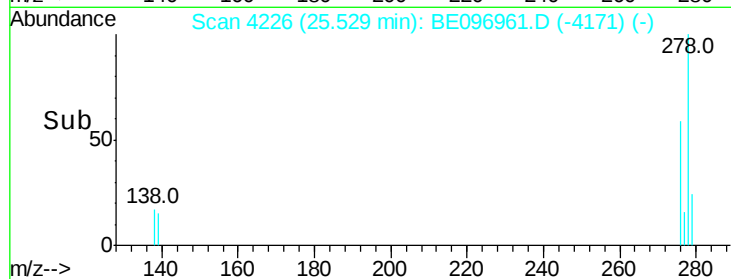
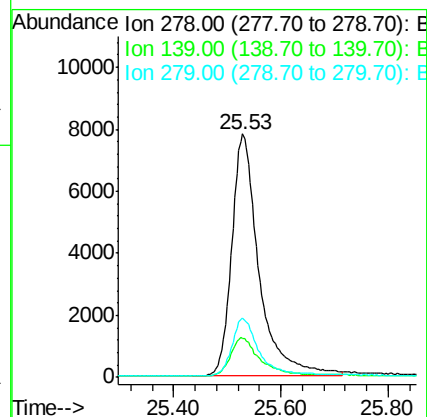
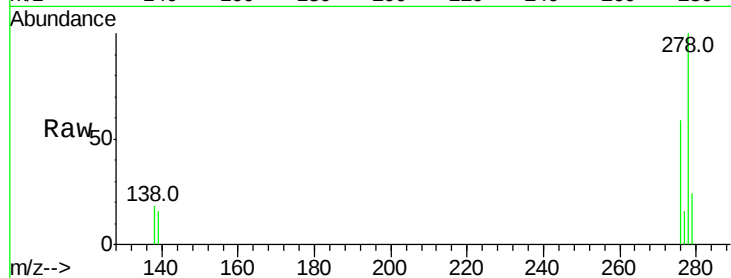




#25
Dibenzo(a,h)anthracene
Concen: 0.904 ng/ul
RT: 25.53 min Scan# 4226
Delta R.T. -0.00 min
Lab File: BE096961.D
Acq: 17 Jul 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 27531
Ion Ratio Lower Upper
278 100
139 16.0 17.4 26.0#
279 24.2 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.895 ng/ul
RT: 26.20 min Scan# 4415
Delta R.T. 0.00 min
Lab File: BE096961.D
Acq: 17 Jul 2018 17:18

Tgt Ion:276 Resp: 29130
Ion Ratio Lower Upper
276 100
138 21.5 21.8 32.8#
277 23.8 20.5 30.7

