

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096976.D
 Acq On : 18 Jul 2018 2:42
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 18 05:38:21 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 03:40:41 2018
 Response via : Initial Calibration

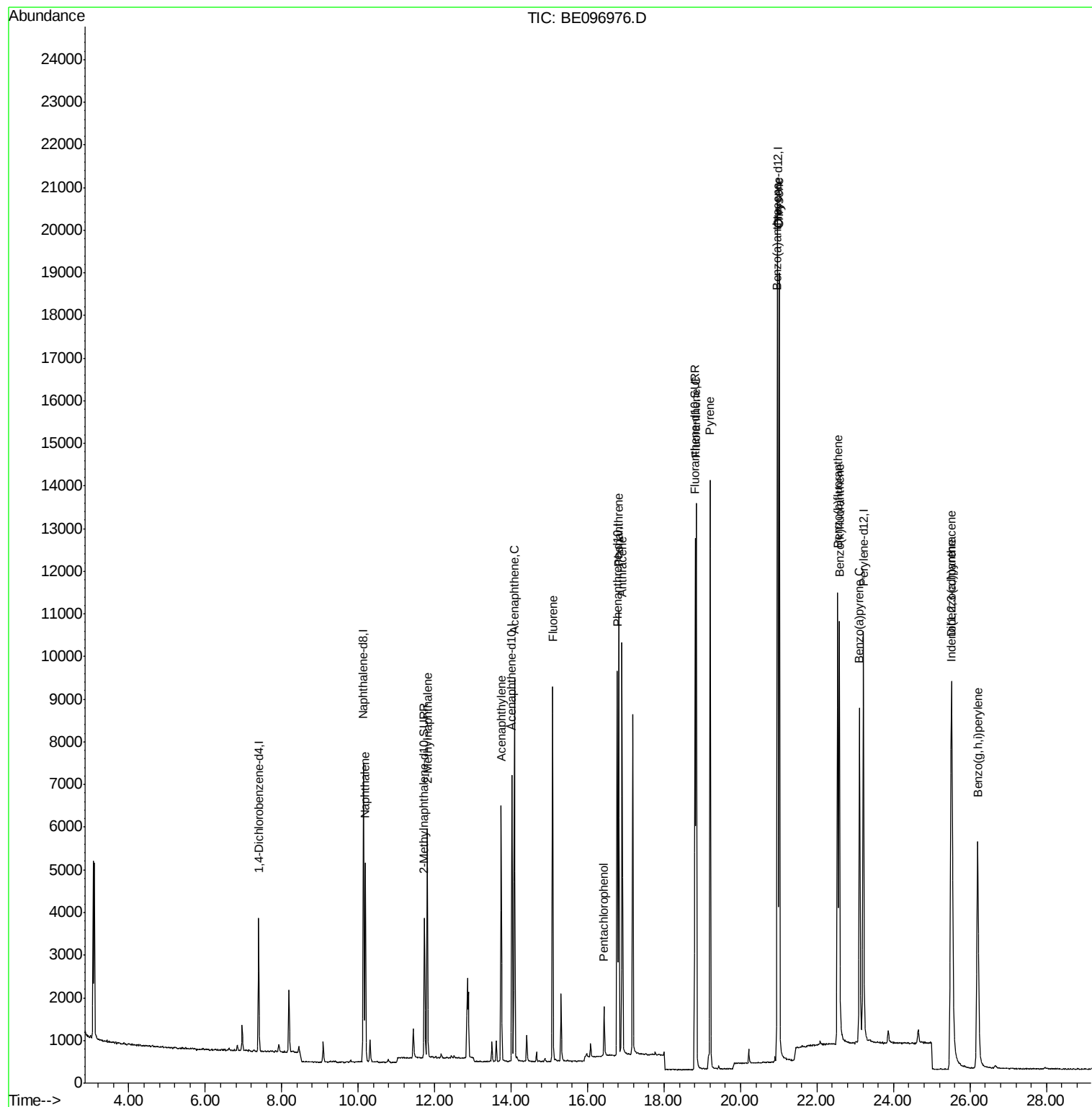
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1483	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	6963	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3830	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	11025	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	12525	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	12540	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4550	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	13283	0.40	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	6788	0.402	ng/ul#	93
5) 2-Methylnaphthalene	11.81	142	4562	0.410	ng/ul	97
7) Acenaphthylene	13.74	152	6799	0.407	ng/ul	98
8) Acenaphthene	14.09	153	5131	0.396	ng/ul	94
9) Fluorene	15.08	166	5626	0.409	ng/ul	95
11) Pentachlorophenol	16.43	266	567	0.455	ng/ul	94
12) Phenanthrene	16.81	178	11372	0.393	ng/ul#	89
13) Anthracene	16.90	178	10293	0.407	ng/ul#	92
15) Fluoranthene	18.84	202	14479	0.379	ng/ul	84
17) Pyrene	19.21	202	15036	0.415	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	13602	0.410	ng/ul#	85
19) Chrysene	21.01	228	14484	0.385	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	13071	0.367	ng/ul	83
22) Benzo(k)fluoranthene	22.58	252	14191	0.386	ng/ul#	85
23) Benzo(a)pyrene	23.11	252	12266	0.393	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	14097	0.403	ng/ul#	81
25) Dibenzo(a,h)anthracene	25.52	278	11781	0.403	ng/ul#	88
26) Benzo(g,h,i)perylene	26.20	276	12305	0.394	ng/ul	95

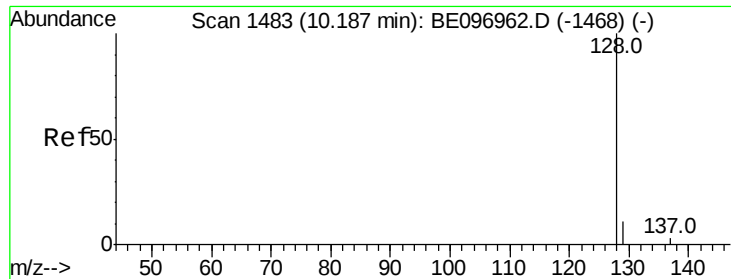
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

Quant Time: Jul 18 05:38:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
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#3

Naphthalene

Concen: 0.402 ng/ul

RT: 10.19 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE096976.D

Acq: 18 Jul 2018 2:42

Instrument :

BNA_E

ClientSampleId :

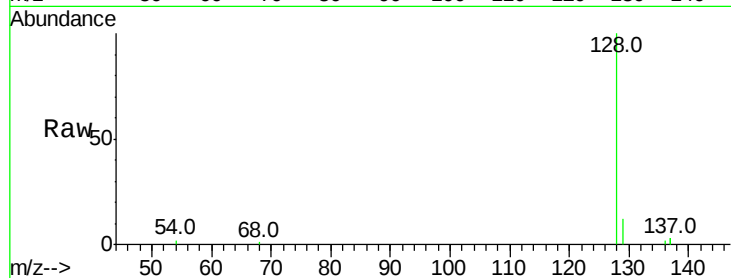
Tot Ion:128 Resp: 6788

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

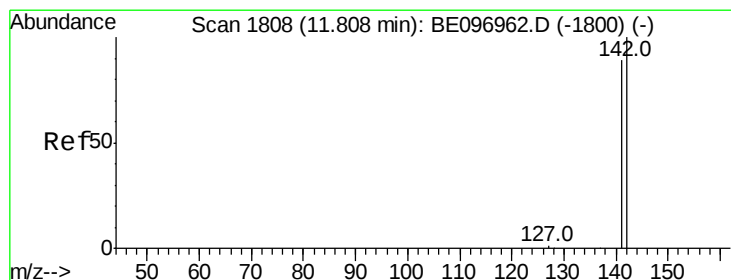
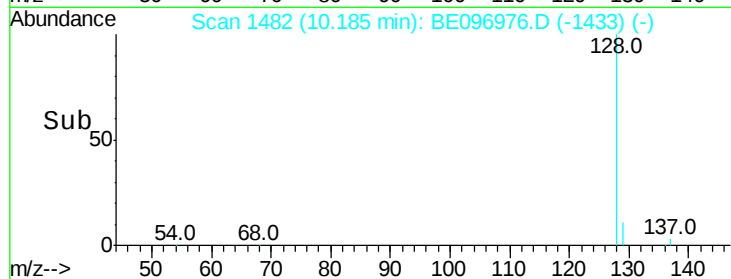
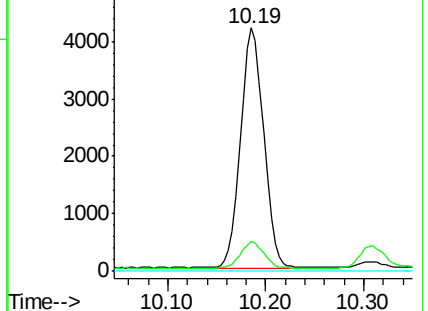
127 0.0 4.0 6.0#



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: 0.410 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE096976.D

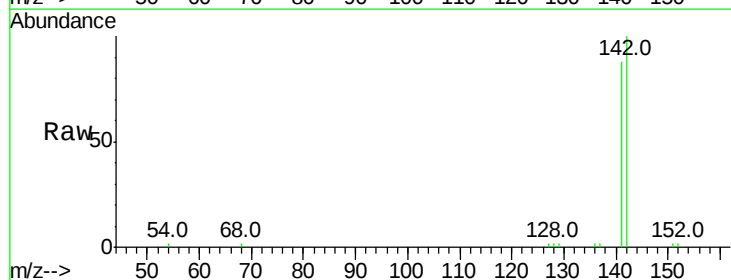
Acq: 18 Jul 2018 2:42

Tgt Ion:142 Resp: 4562

Ion Ratio Lower Upper

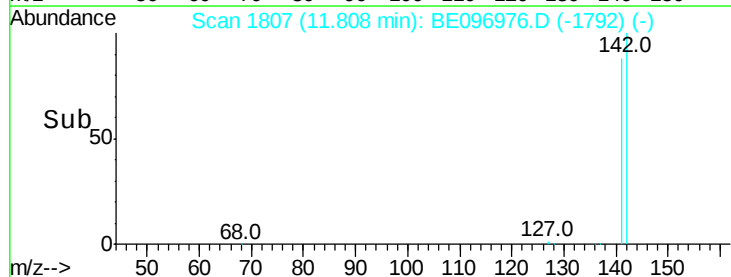
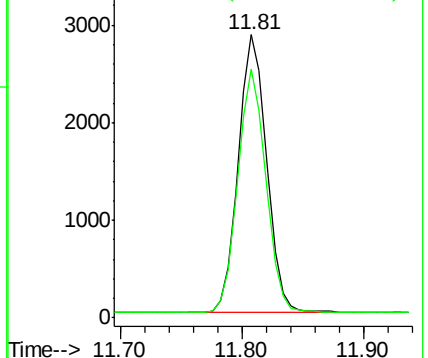
142 100

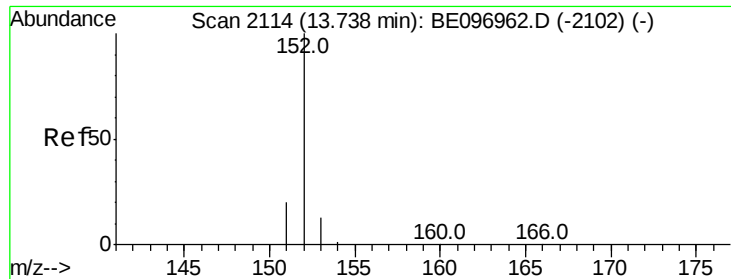
141 87.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.407 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE096976.D

Acq: 18 Jul 2018 2:42

Instrument :

BNA_E

ClientSampleId :

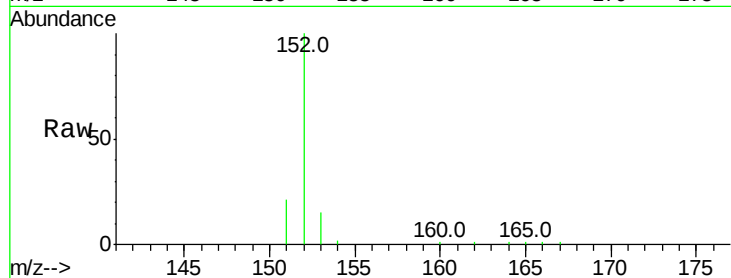
Tot Ion:152 Resp: 6799

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

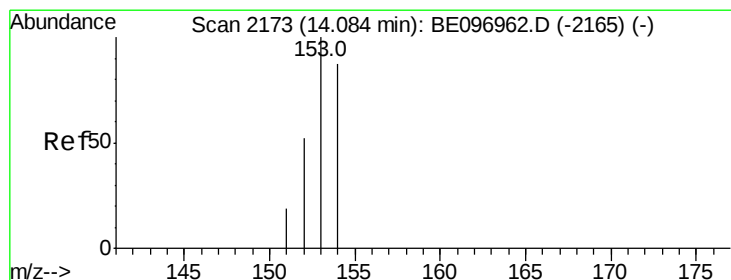
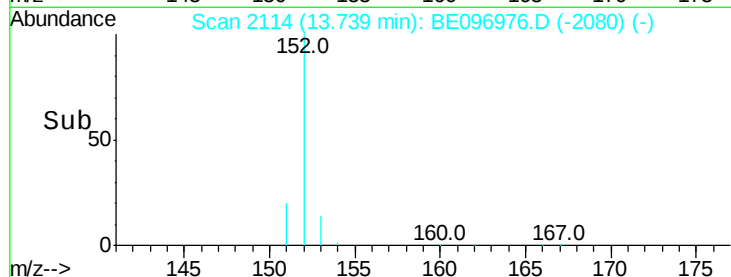
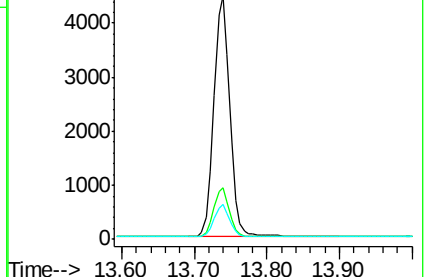
153 14.6 12.8 19.2



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: 0.396 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BE096976.D

Acq: 18 Jul 2018 2:42

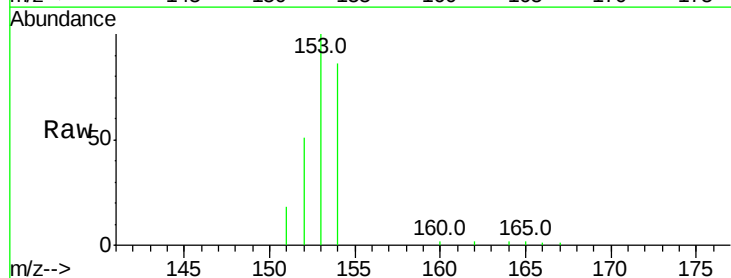
Tgt Ion:153 Resp: 5131

Ion Ratio Lower Upper

153 100

152 51.1 36.0 54.0

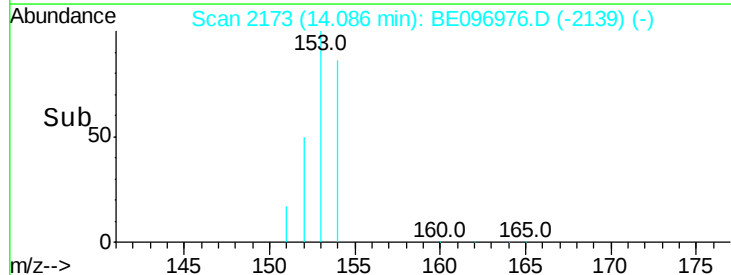
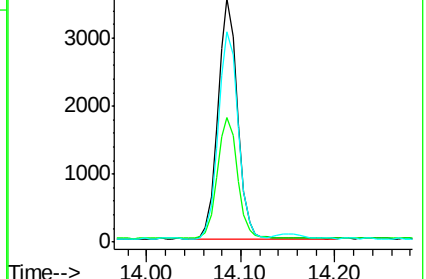
154 86.2 72.0 108.0

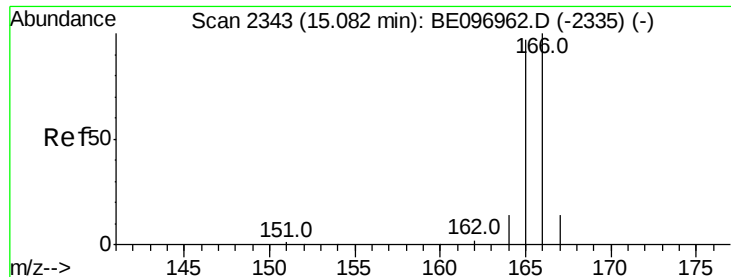


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

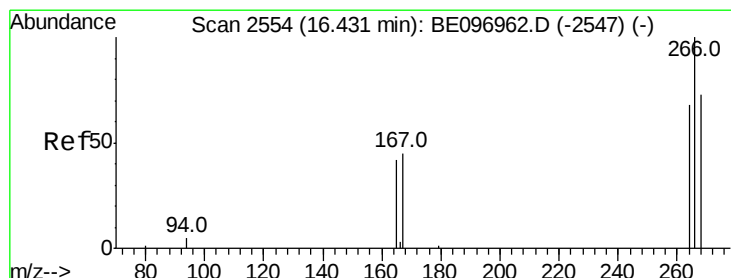
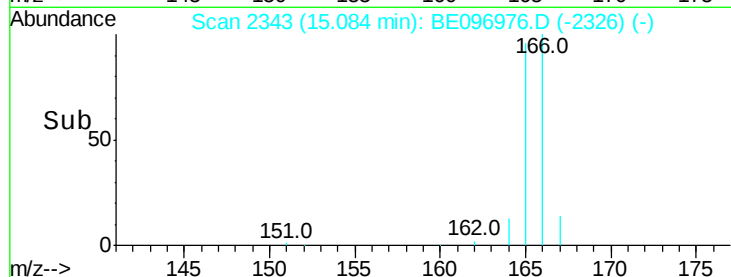
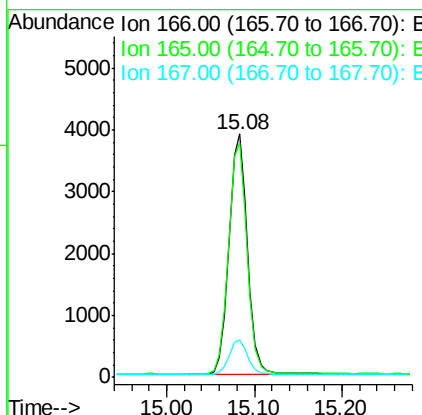
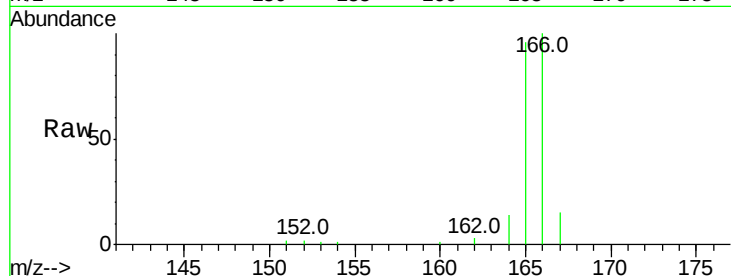




#9
Fluorene
 Concen: 0.409 ng/ul
 RT: 15.08 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BE096976.D
 Acq: 18 Jul 2018 2:42

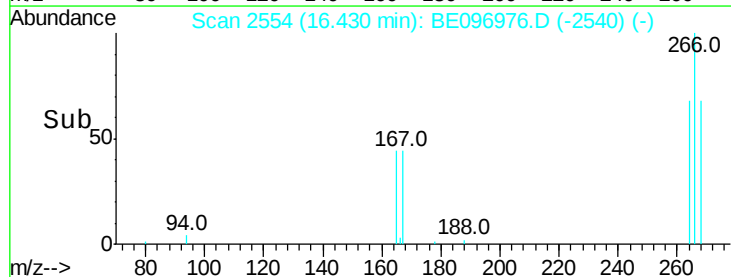
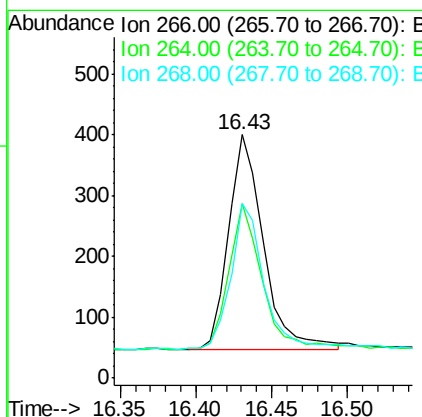
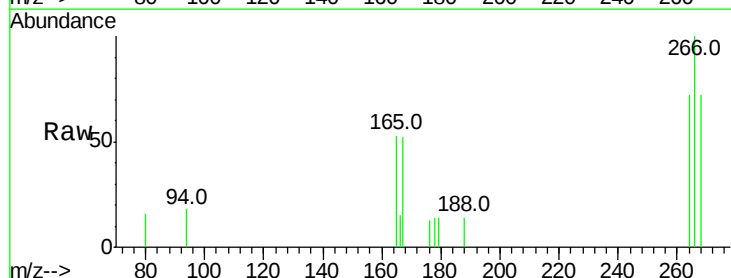
Instrument :
 BNA_E
 ClientSampleId :

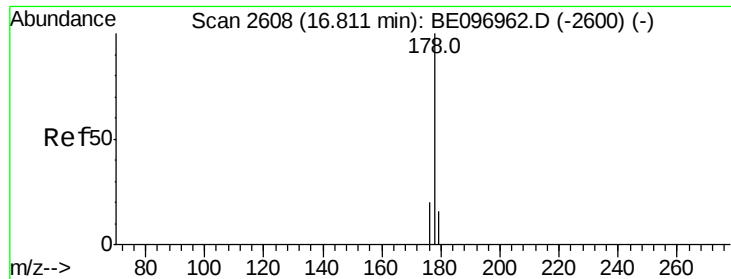
Tot Ion:166 Resp: 5626
 Ion Ratio Lower Upper
 166 100
 165 96.4 73.4 110.2
 167 15.5 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.455 ng/ul
 RT: 16.43 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BE096976.D
 Acq: 18 Jul 2018 2:42

Tgt Ion:266 Resp: 567
 Ion Ratio Lower Upper
 266 100
 264 66.3 47.9 71.9
 268 65.3 49.8 74.8

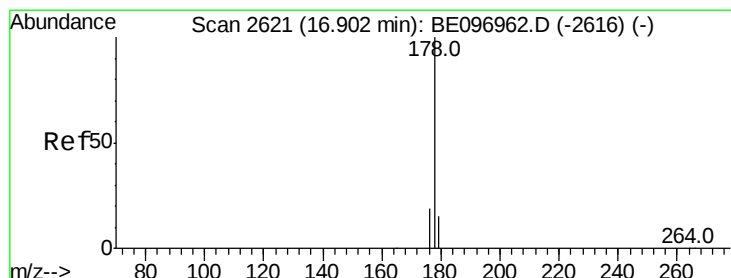
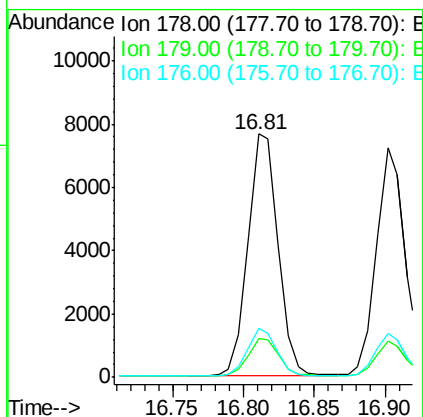
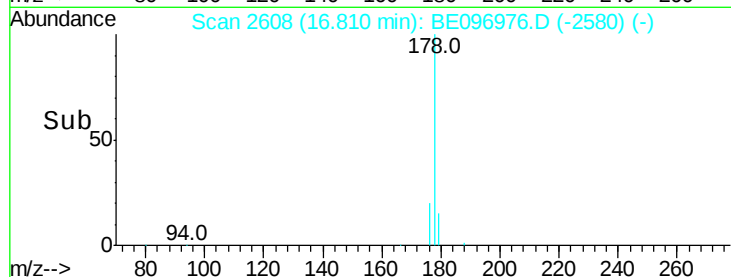
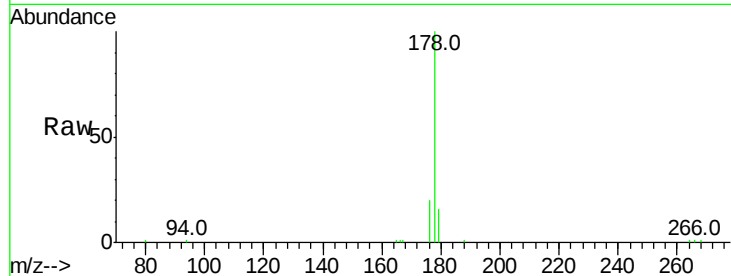




#12
Phenanthrene
Concen: 0.393 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE096976.D
Acq: 18 Jul 2018 2:42

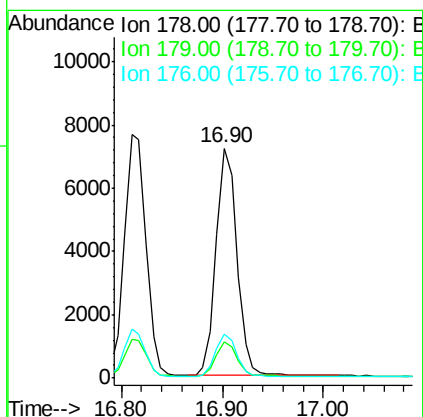
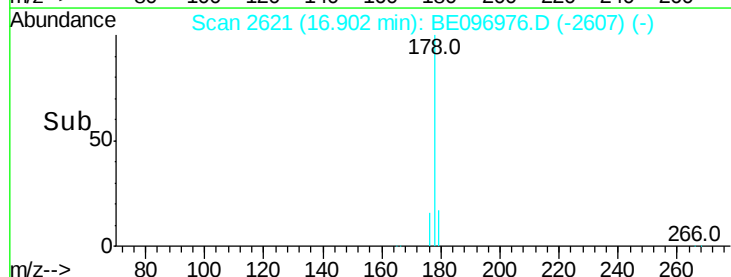
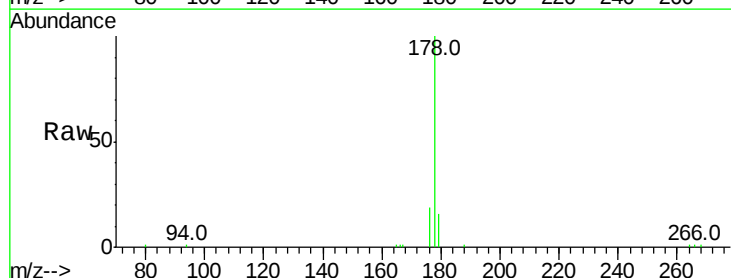
Instrument :
BNA_E
ClientSampleId :

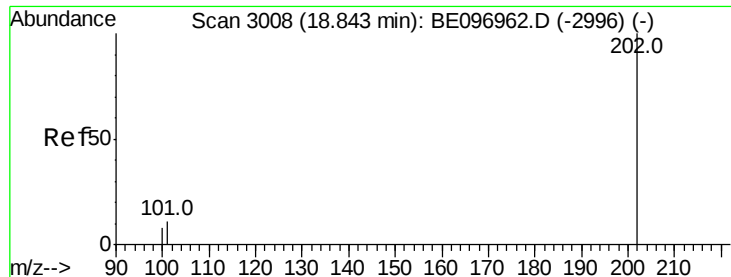
Tot Ion:178 Resp: 11372
Ion Ratio Lower Upper
178 100
179 16.1 18.4 27.6#
176 20.4 13.6 20.4



#13
Anthracene
Concen: 0.407 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE096976.D
Acq: 18 Jul 2018 2:42

Tgt Ion:178 Resp: 10293
Ion Ratio Lower Upper
178 100
179 16.0 18.1 27.1#
176 19.4 14.7 22.1





#15

Fluoranthene

Concen: 0.379 ng/ul

RT: 18.84 min Scan# 3008

Delta R.T. -0.00 min

Lab File: BE096976.D

Acq: 18 Jul 2018 2:42

Instrument :

BNA_E

ClientSampleId :

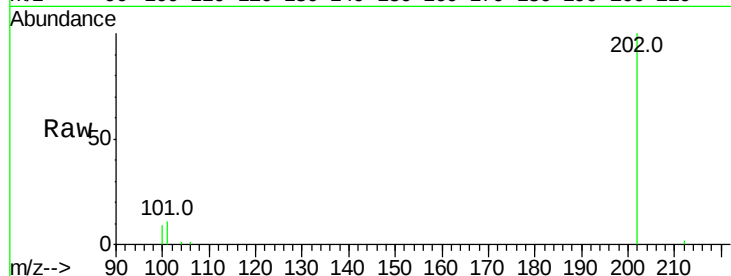
Tot Ion:202 Resp: 14479

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

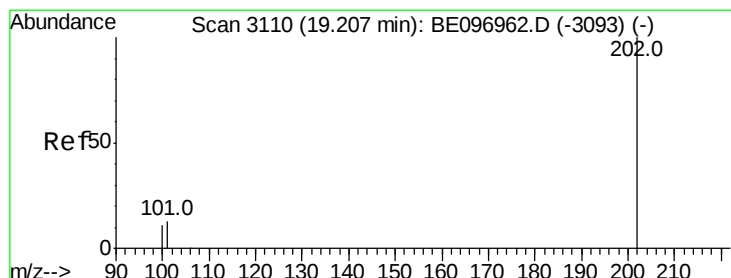
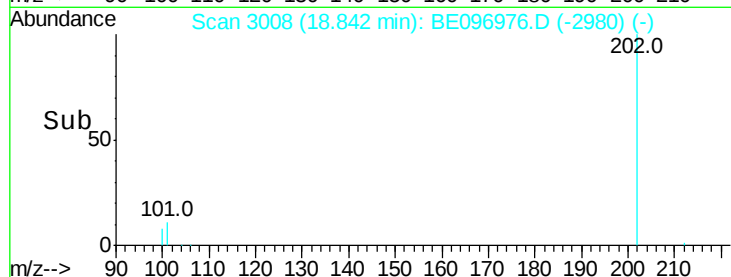
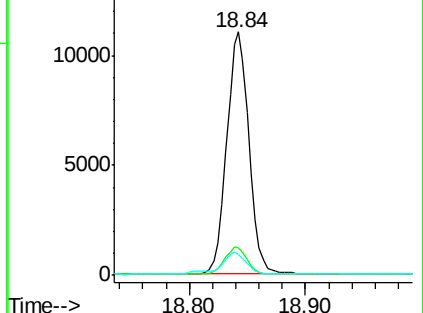
100 8.8 0.0 39.5



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: 0.415 ng/ul

RT: 19.21 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BE096976.D

Acq: 18 Jul 2018 2:42

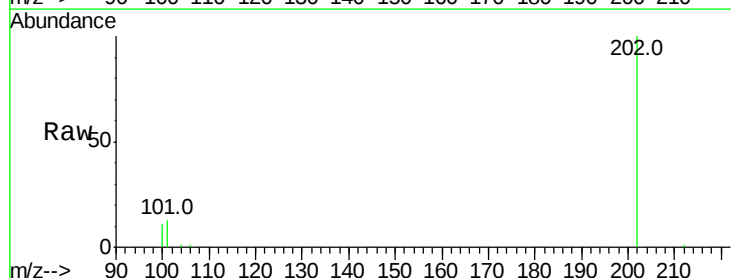
Tgt Ion:202 Resp: 15036

Ion Ratio Lower Upper

202 100

101 13.3 18.2 27.4#

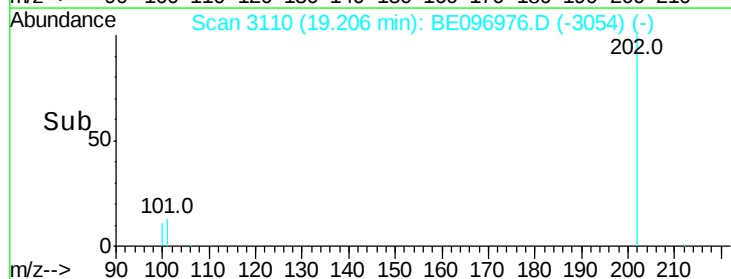
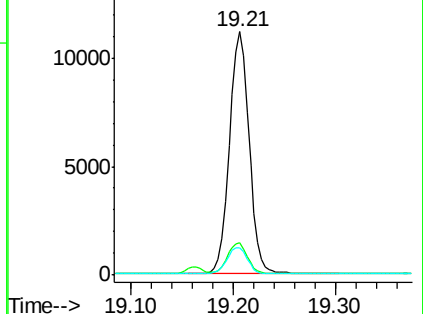
100 11.1 15.6 23.4#

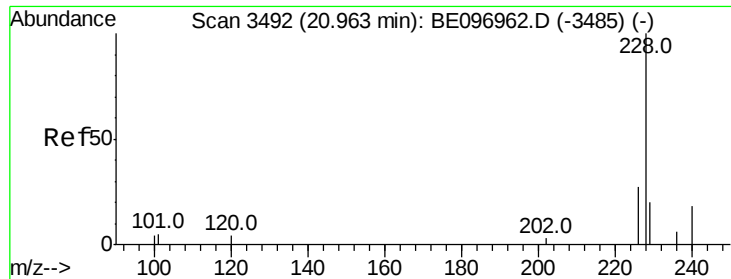


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.410 ng/ul

RT: 20.96 min Scan# 3492

Delta R.T. -0.00 min

Lab File: BE096976.D

Acq: 18 Jul 2018 2:42

Instrument :

BNA_E

ClientSampleId :

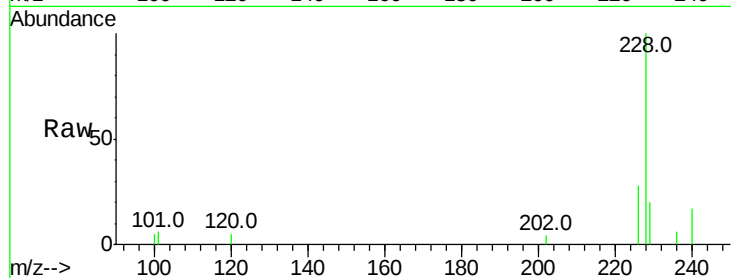
Tot Ion:228 Resp: 13602

Ion Ratio Lower Upper

228 100

229 20.0 22.8 34.2#

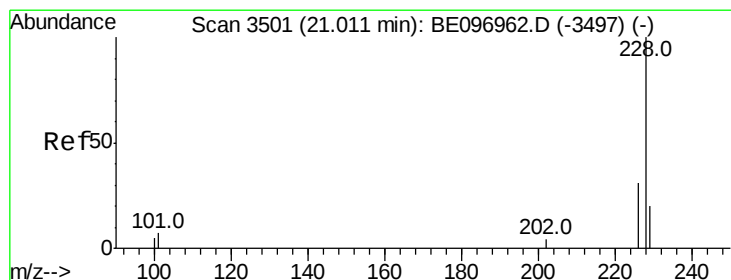
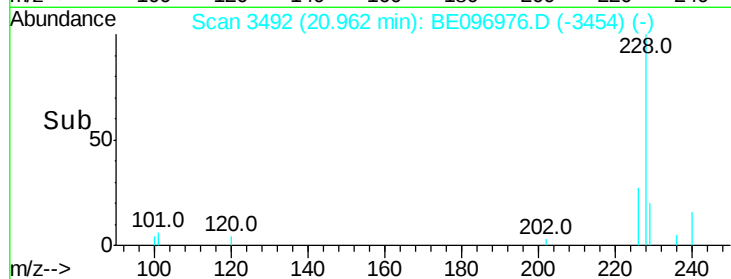
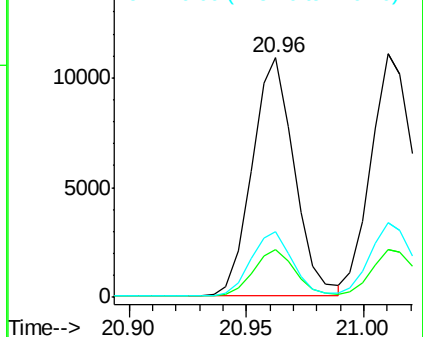
226 27.6 17.0 25.6#



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: 0.385 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE096976.D

Acq: 18 Jul 2018 2:42

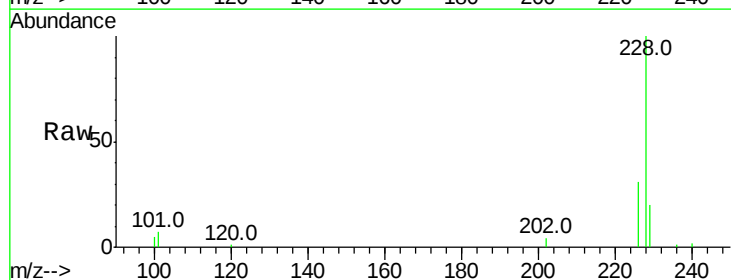
Tgt Ion:228 Resp: 14484

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

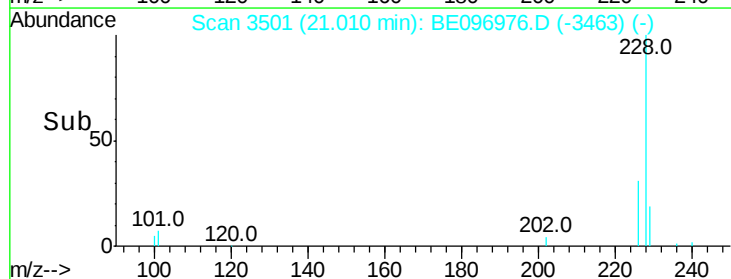
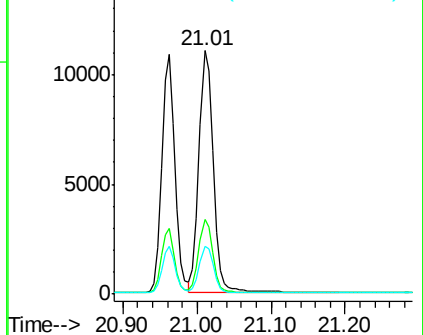
229 19.7 17.7 26.5

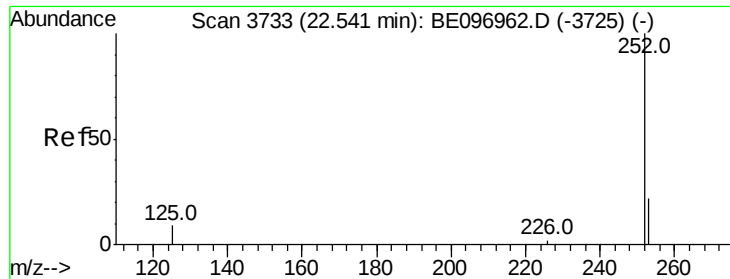


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.367 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BE096976.D

Acq: 18 Jul 2018 2:42

Instrument :

BNA_E

ClientSampled :

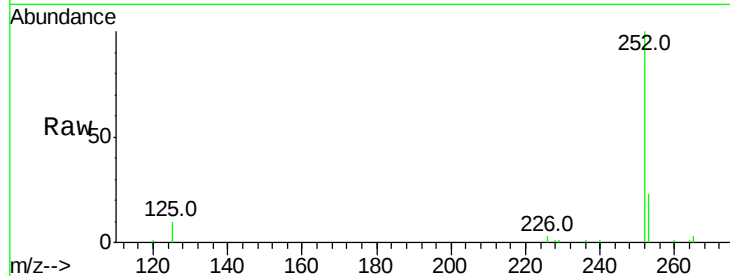
Tot Ion:252 Resp: 13071

Ion Ratio Lower Upper

252 100

253 22.6 0.0 64.2

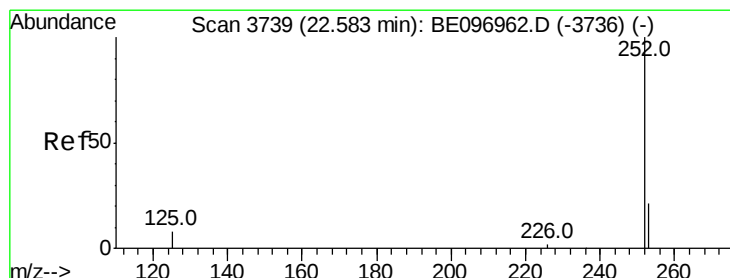
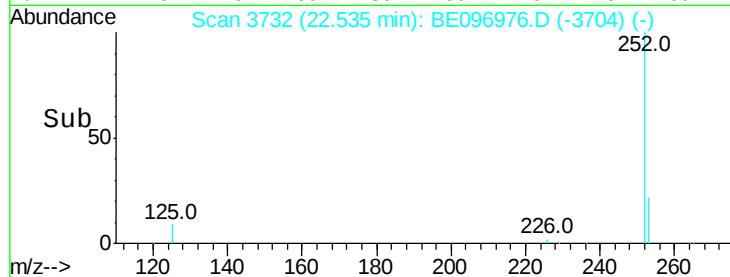
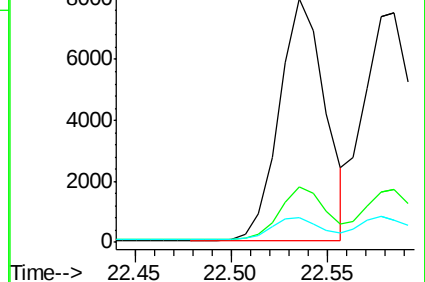
125 10.4 0.0 35.0



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: 0.386 ng/ul

RT: 22.58 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BE096976.D

Acq: 18 Jul 2018 2:42

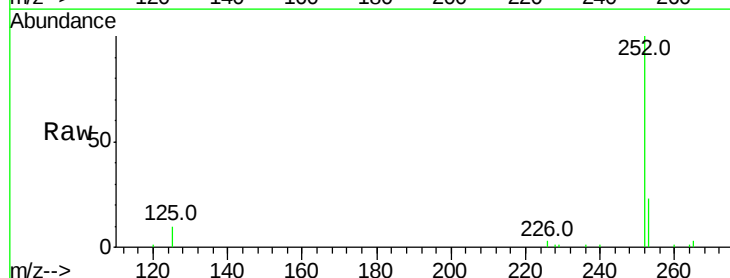
Tgt Ion:252 Resp: 14191

Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

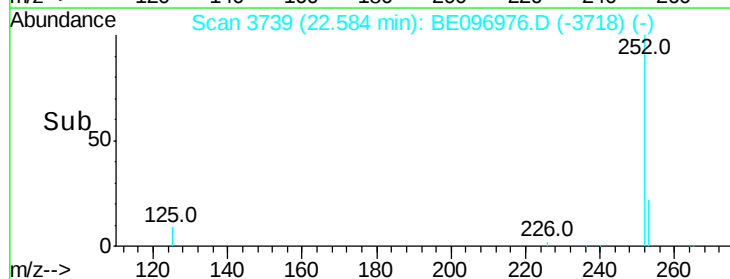
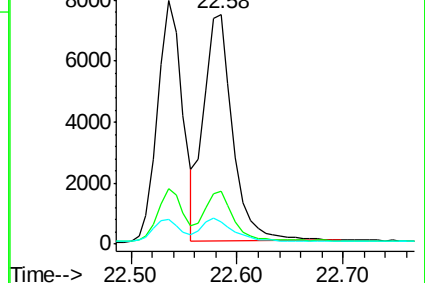
125 9.7 13.7 20.5#

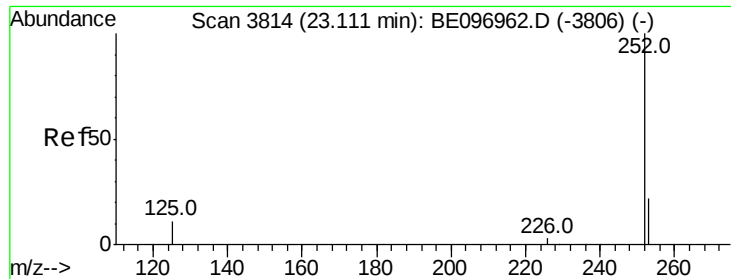


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.393 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BE096976.D

Acq: 18 Jul 2018 2:42

Instrument :

BNA_E

ClientSampleId :

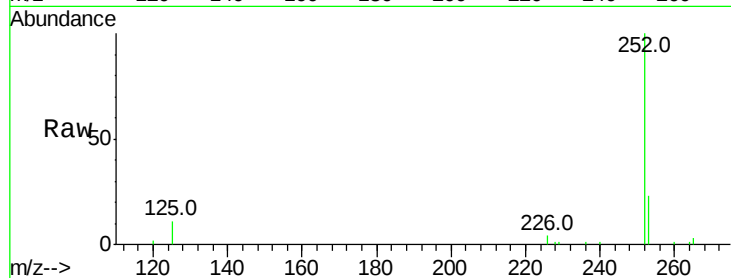
Tot Ion:252 Resp: 12266

Ion Ratio Lower Upper

252 100

253 23.2 28.5 42.7#

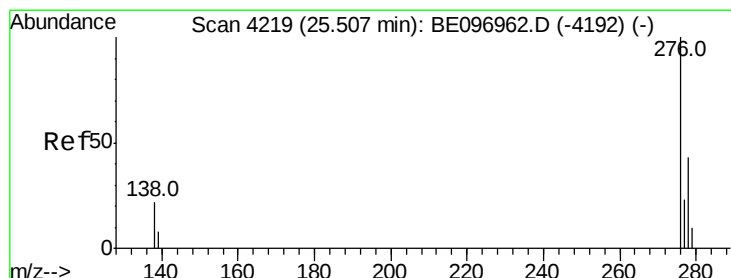
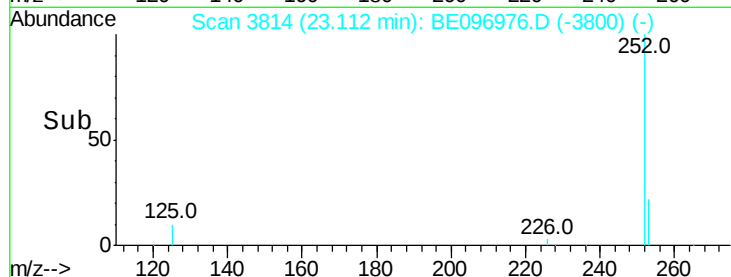
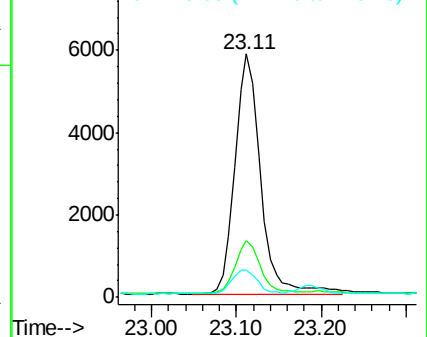
125 11.3 18.1 27.1#



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: 0.403 ng/ul

RT: 25.50 min Scan# 4218

Delta R.T. -0.00 min

Lab File: BE096976.D

Acq: 18 Jul 2018 2:42

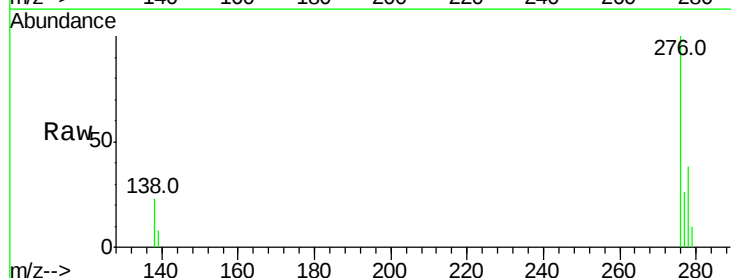
Tgt Ion:276 Resp: 14097

Ion Ratio Lower Upper

276 100

138 25.5 28.0 42.0#

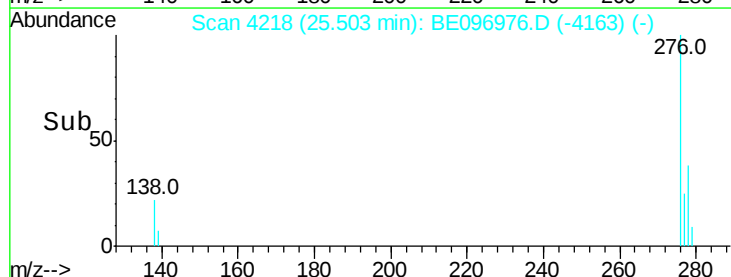
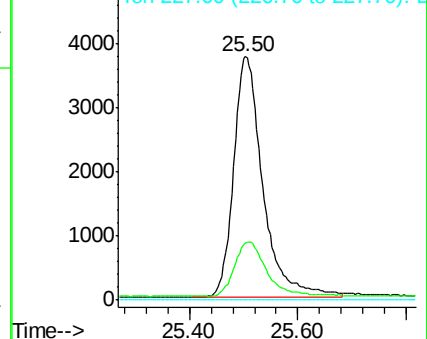
227 0.0 8.0 12.0#

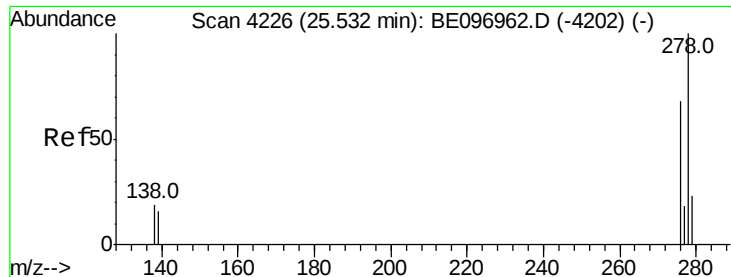


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

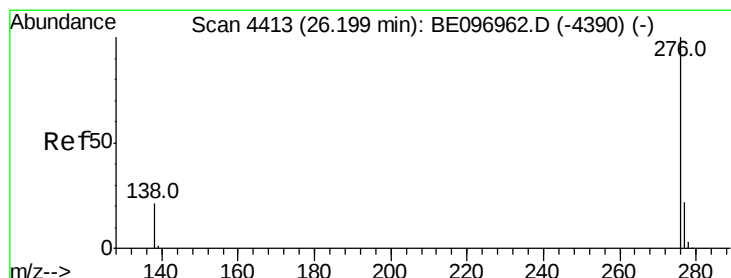
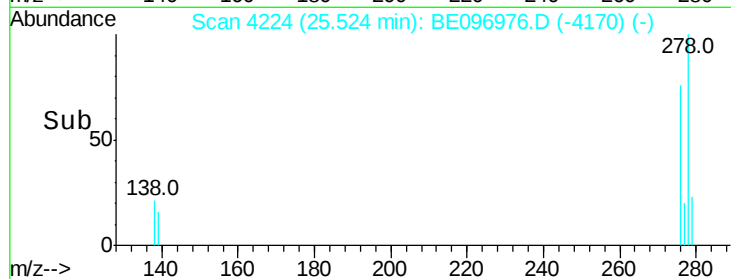
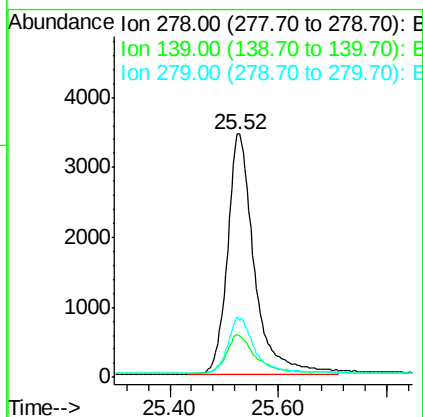
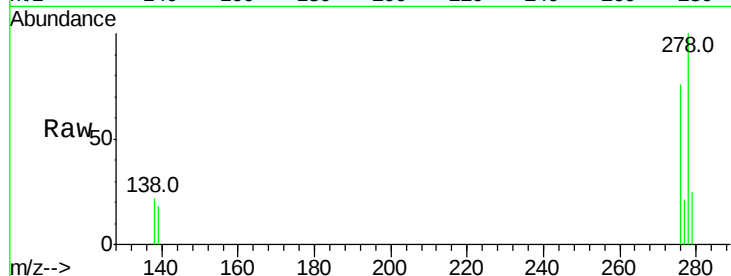




#25
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 25.52 min Scan# 4224
Delta R.T. -0.01 min
Lab File: BE096976.D
Acq: 18 Jul 2018 2:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 11781
Ion Ratio Lower Upper
278 100
139 17.6 17.4 26.0
279 24.7 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. 0.00 min
Lab File: BE096976.D
Acq: 18 Jul 2018 2:42

Tgt Ion:276 Resp: 12305
Ion Ratio Lower Upper
276 100
138 22.6 21.8 32.8
277 25.0 20.5 30.7

