

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095762.D
 Acq On : 14 Mar 2018 13:56
 Operator : SJ/JU
 Sample : JJ1813-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 01:37:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 01:35:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1862	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5563	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3585	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	556633	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.79
20) Perylene-d12	24.26	264	459869	0.40	ng/ul	-0.17

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	3508	0.37	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

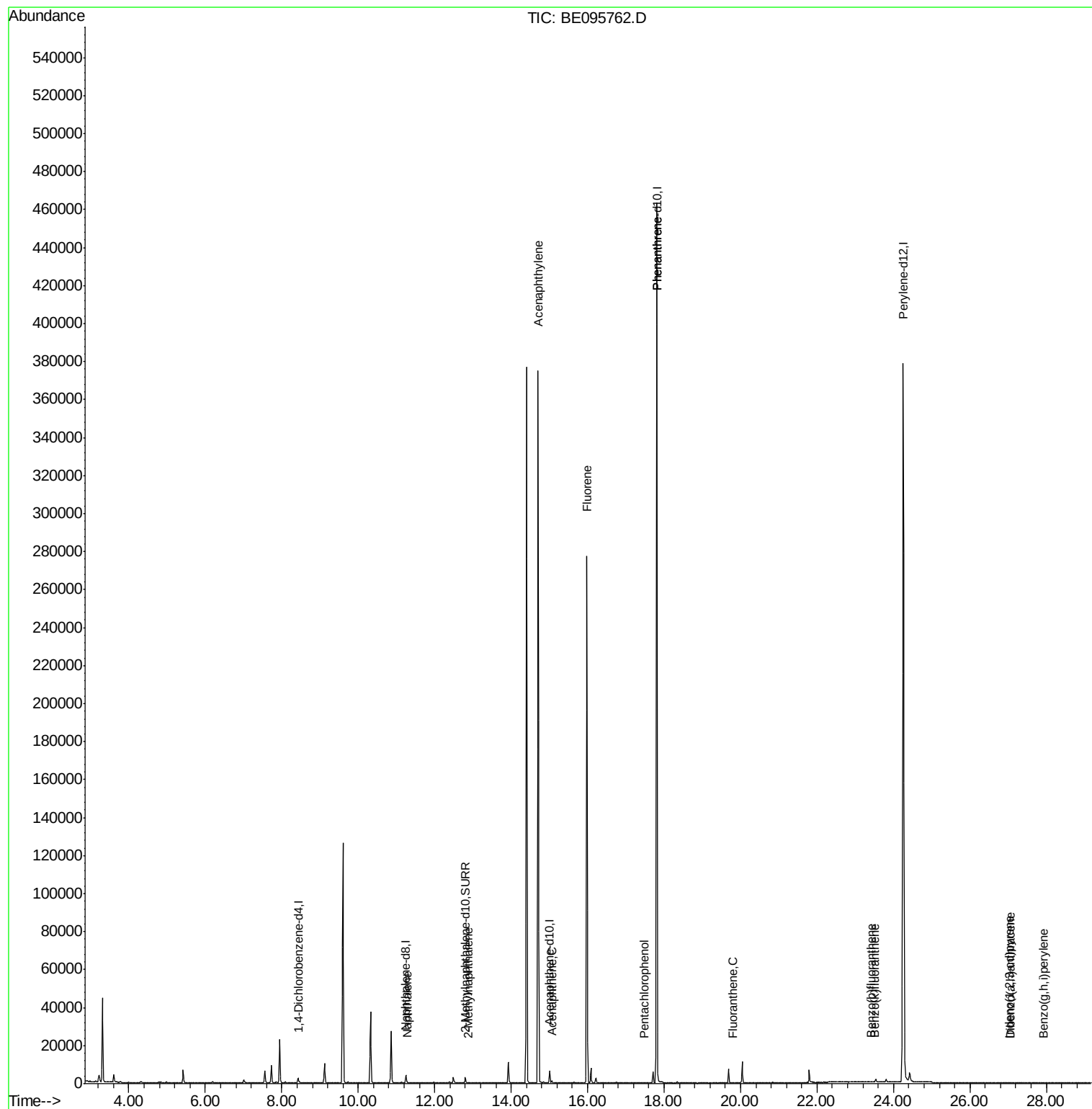
Target Compounds				Ovalue		
3) Naphthalene	11.29	128	125	0.008	ng/ul#	1
5) 2-Methylnaphthalene	12.88	142	53	0.005	ng/ul	92
7) Acenaphthylene	14.71	152	60	0.003	ng/ul#	1
8) Acenaphthene	15.06	153	1399	0.103	ng/ul#	26
9) Fluorene	15.98	166	994	0.067	ng/ul#	21
11) Pentachlorophenol	17.48	266	3	0.000	ng/ul#	58
12) Phenanthrene	17.81	178	1003	0.001	ng/ul#	1
15) Fluoranthene	19.81	202	4	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	23.43	252	14	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	23.50	252	16	0.000	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.04	276	1	0.000	ng/ul#	47
25) Dibenzo(a,h)anthracene	27.06	278	3	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	27.91	276	2	0.000	ng/ul#	1

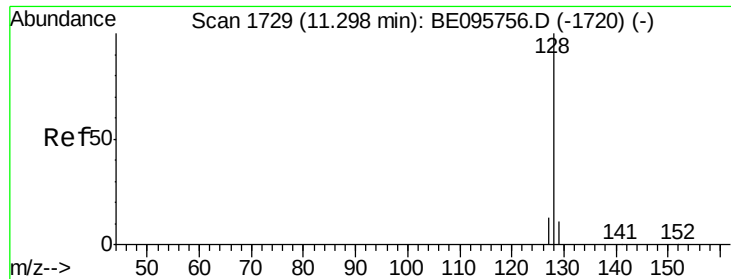
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.008 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BE095762.D

Acq: 14 Mar 2018 13:56

Instrument :

BNA_E

ClientSampled :

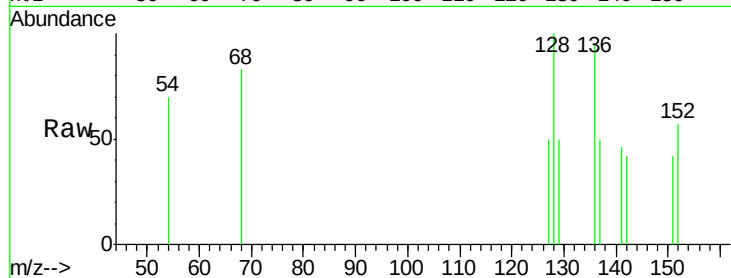
Tot Ion:128 Resp: 125

Ion Ratio Lower Upper

128 100

129 49.5 11.3 16.9#

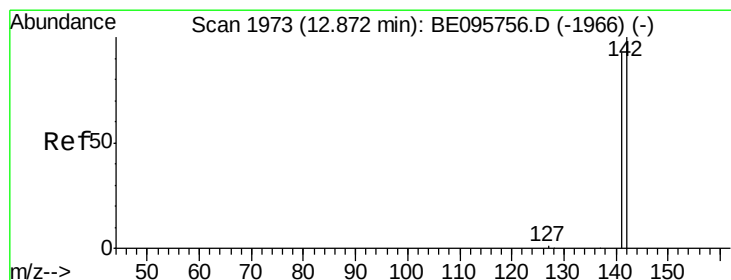
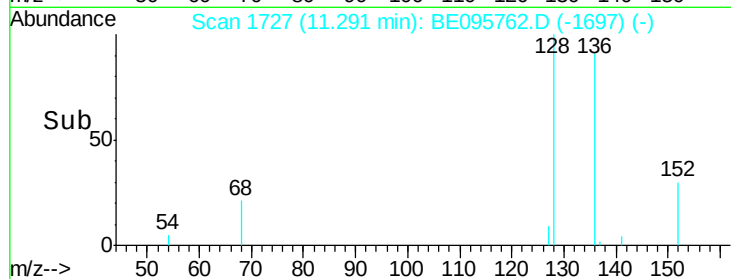
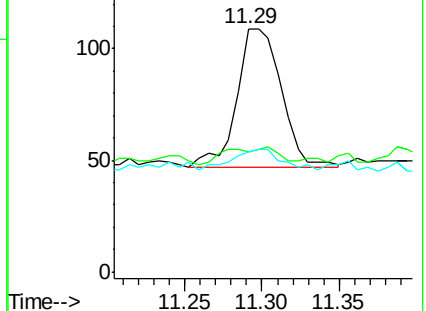
127 49.5 4.0 6.0#



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: 0.005 ng/ul

RT: 12.88 min Scan# 1973

Delta R.T. 0.01 min

Lab File: BE095762.D

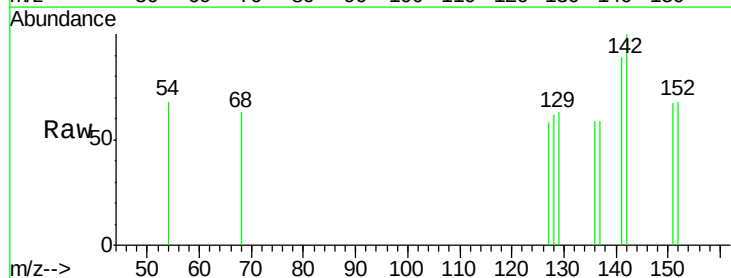
Acq: 14 Mar 2018 13:56

Tgt Ion:142 Resp: 53

Ion Ratio Lower Upper

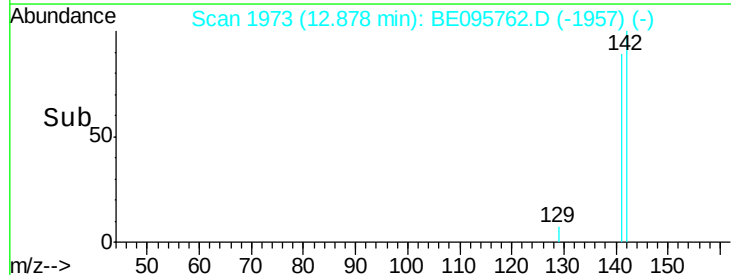
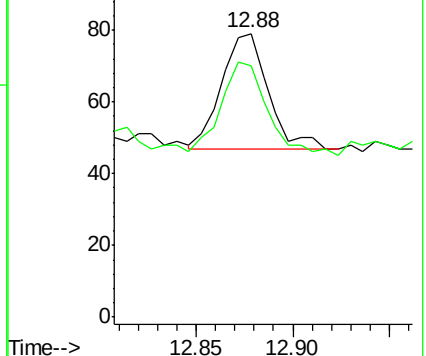
142 100

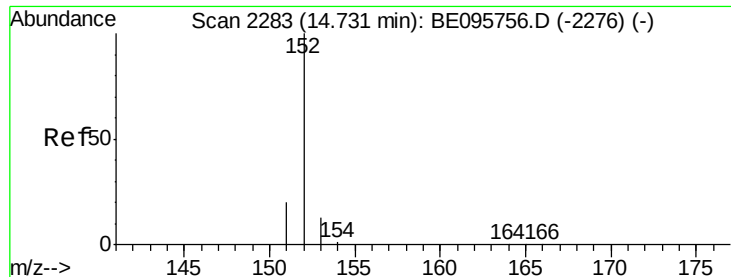
141 83.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.003 ng/ul

RT: 14.71 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BE095762.D

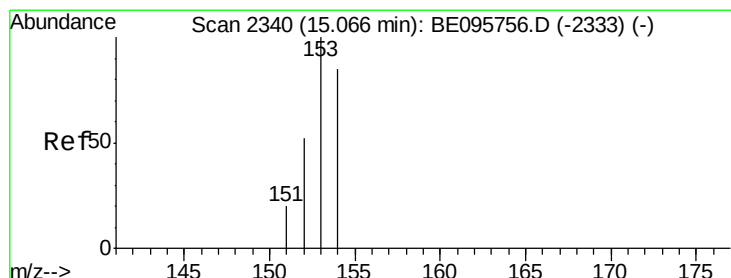
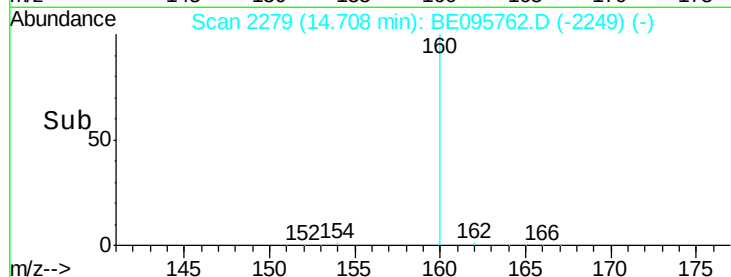
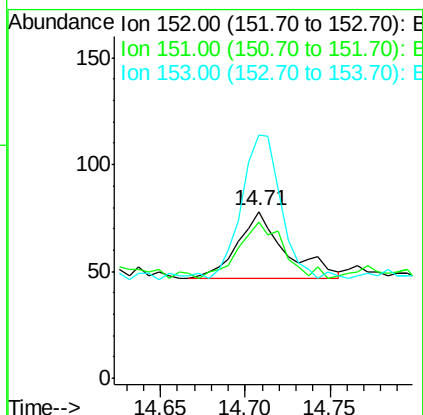
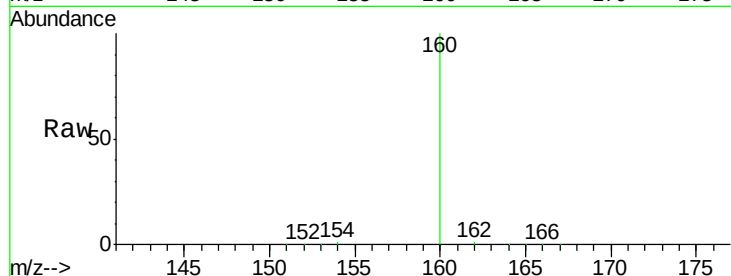
Acq: 14 Mar 2018 13:56

Instrument :

BNA_E

ClientSampled :

Tot Ion:	152	Resp:	60
Ion	Ratio	Lower	Upper
152	100		
151	93.6	17.1	25.7#
153	146.2	12.8	19.2#



#8

Acenaphthene

Concen: 0.103 ng/ul

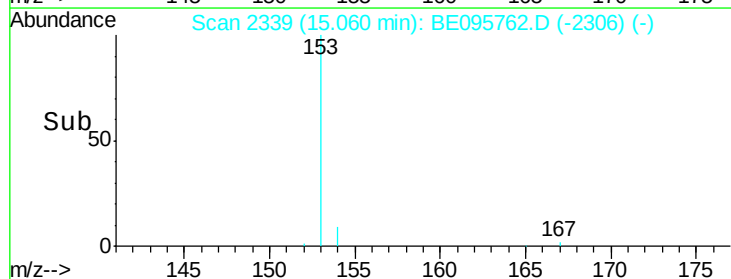
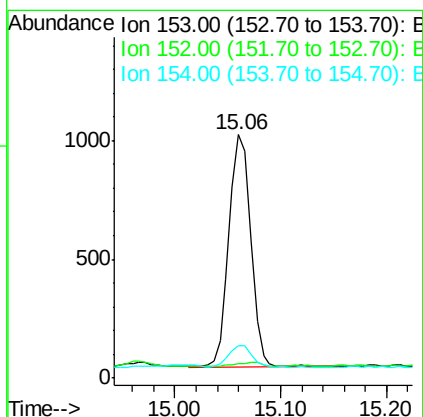
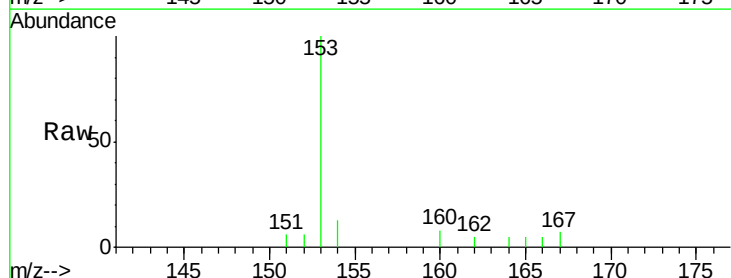
RT: 15.06 min Scan# 2339

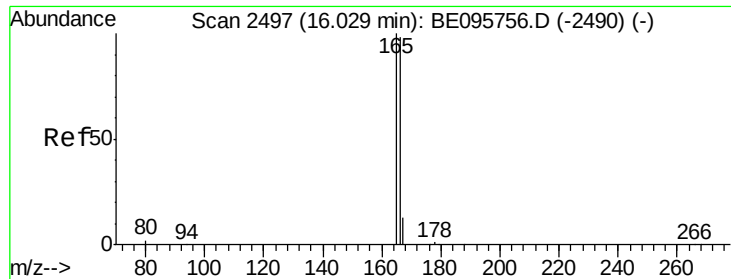
Delta R.T. -0.01 min

Lab File: BE095762.D

Acq: 14 Mar 2018 13:56

Tgt Ion:	153	Resp:	1399
Ion	Ratio	Lower	Upper
153	100		
152	6.0	36.0	54.0#
154	13.1	72.0	108.0#

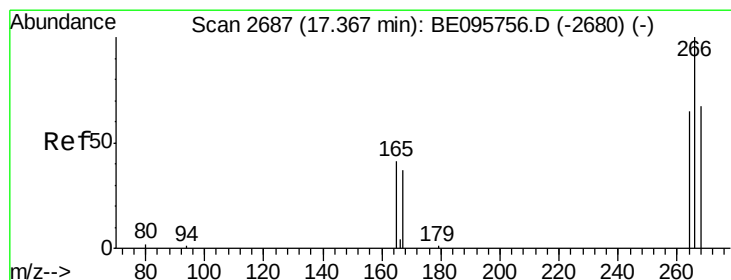
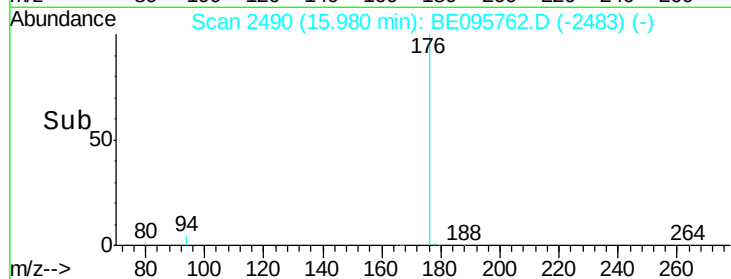
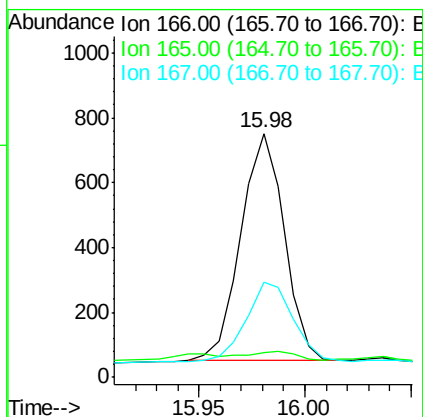
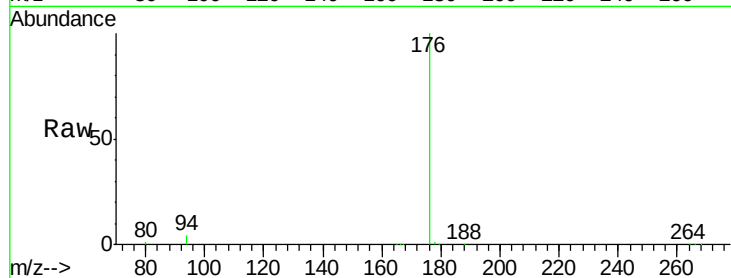




#9
Fluorene
 Concen: 0.067 ng/ul
 RT: 15.98 min Scan# 2490
 Delta R.T. -0.05 min
 Lab File: BE095762.D
 Acq: 14 Mar 2018 13:56

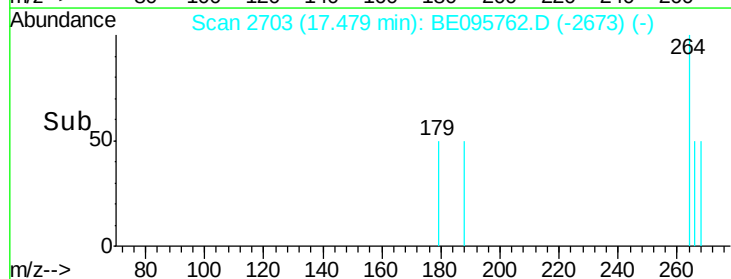
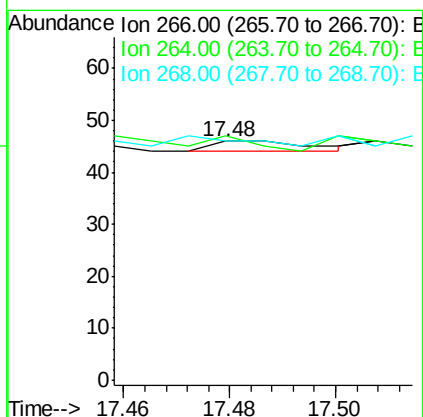
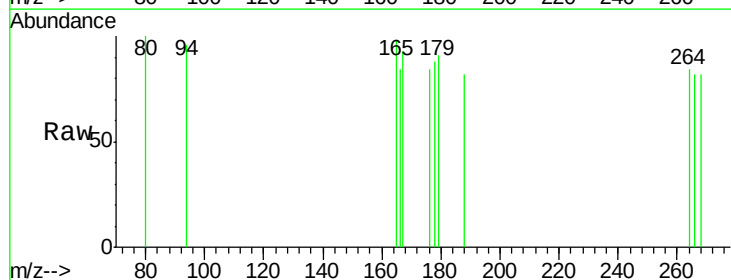
Instrument :
 BNA_E
 ClientSampleId :

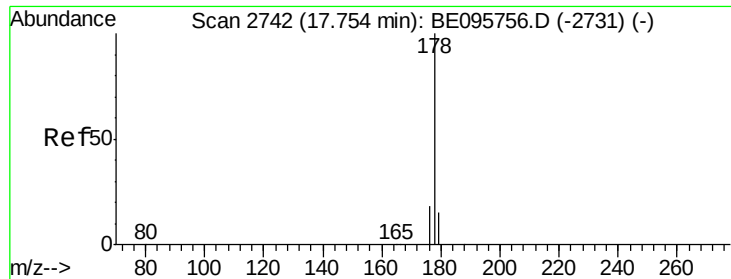
Tot Ion:166 Resp: 994
 Ion Ratio Lower Upper
 166 100
 165 10.1 73.4 110.2#
 167 39.0 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.000 ng/ul
 RT: 17.48 min Scan# 2703
 Delta R.T. 0.11 min
 Lab File: BE095762.D
 Acq: 14 Mar 2018 13:56

Tgt Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 66.7 49.8 74.8





#12

Phenanthrene

Concen: 0.001 ng/ul

RT: 17.81 min Scan# 2750

Delta R.T. 0.06 min

Lab File: BE095762.D

Acq: 14 Mar 2018 13:56

Instrument :

BNA_E

ClientSampleId :

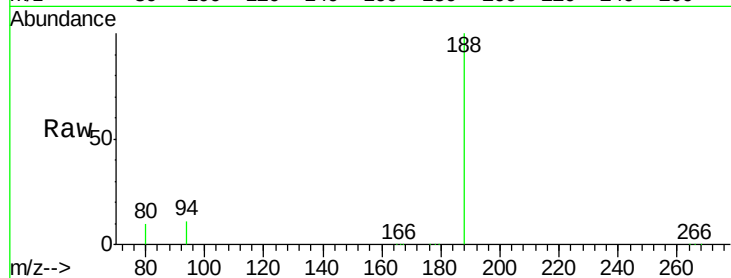
Tot Ion:178 Resp: 1003

Ion Ratio Lower Upper

178 100

179 221.5 18.4 27.6#

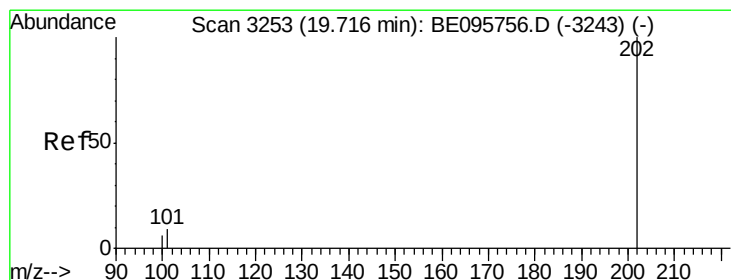
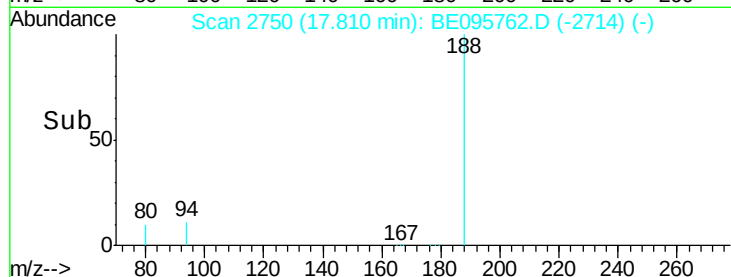
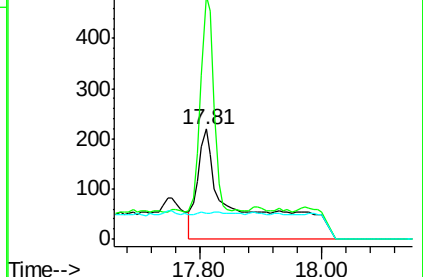
176 23.7 13.6 20.4#



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: 0.000 ng/ul

RT: 19.81 min Scan# 3278

Delta R.T. 0.09 min

Lab File: BE095762.D

Acq: 14 Mar 2018 13:56

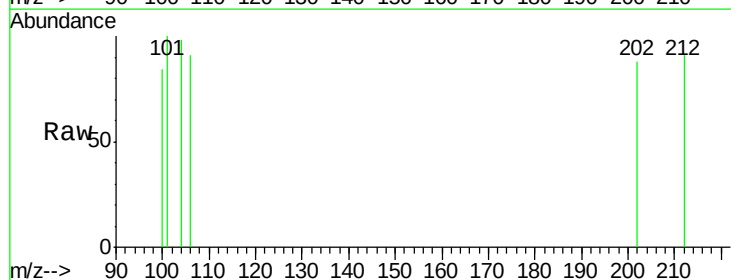
Tgt Ion:202 Resp: 4

Ion Ratio Lower Upper

202 100

101 114.0 0.0 30.3#

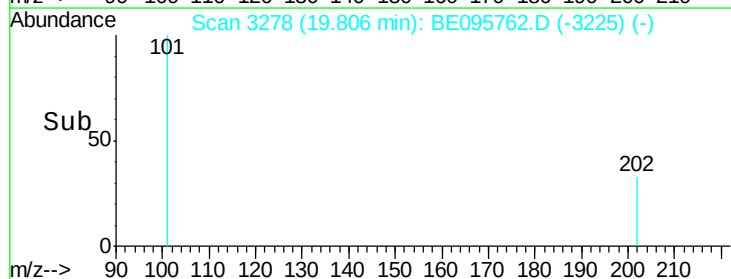
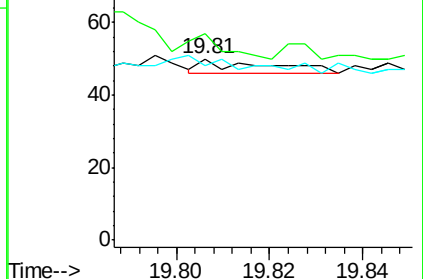
100 96.0 0.0 39.5#

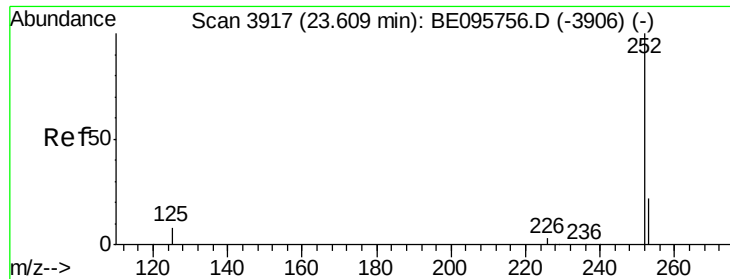


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#21

Benzo(b)fluoranthene

Concen: 0.000 ng/ul

RT: 23.43 min Scan# 3892

Delta R.T. -0.18 min

Lab File: BE095762.D

Acq: 14 Mar 2018 13:56

Instrument :

BNA_E

ClientSampled :

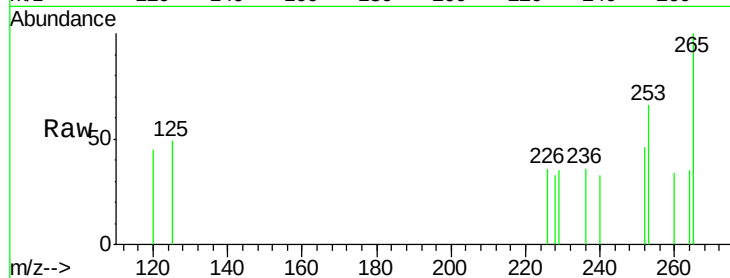
Tot Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 142.4 0.0 64.2#

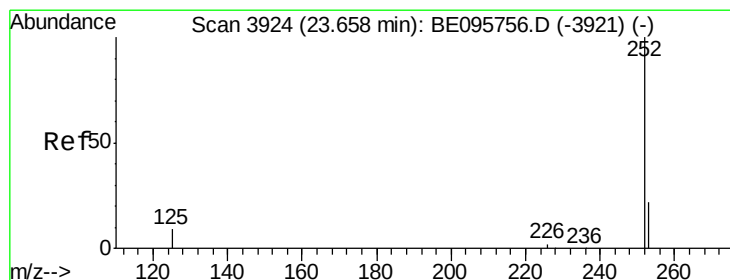
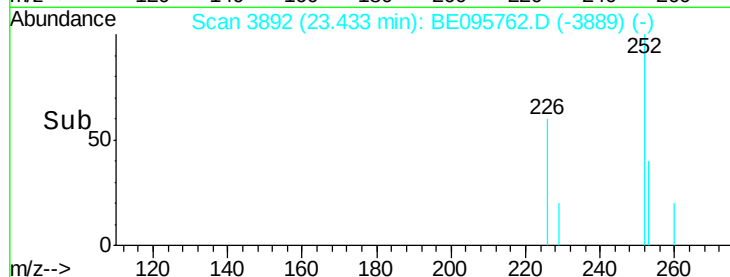
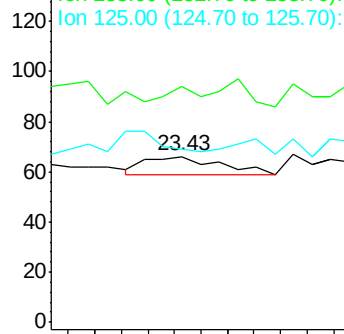
125 104.5 0.0 35.0#



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: 0.000 ng/ul

RT: 23.50 min Scan# 3902

Delta R.T. -0.16 min

Lab File: BE095762.D

Acq: 14 Mar 2018 13:56

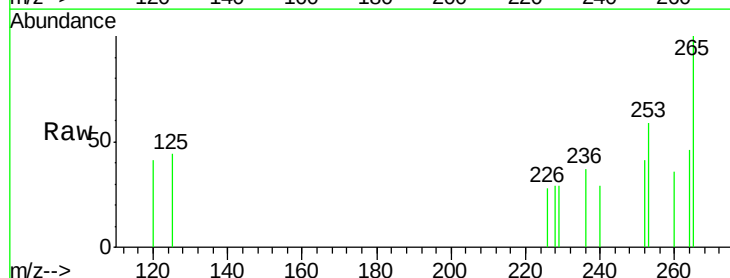
Tgt Ion:252 Resp: 16

Ion Ratio Lower Upper

252 100

253 145.6 24.5 36.7#

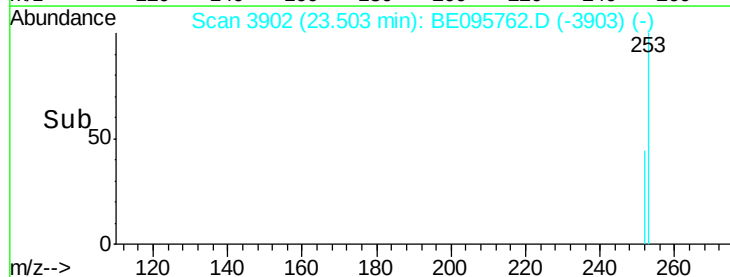
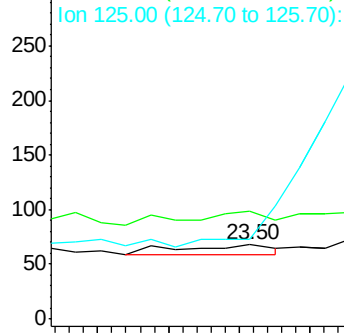
125 107.4 13.7 20.5#

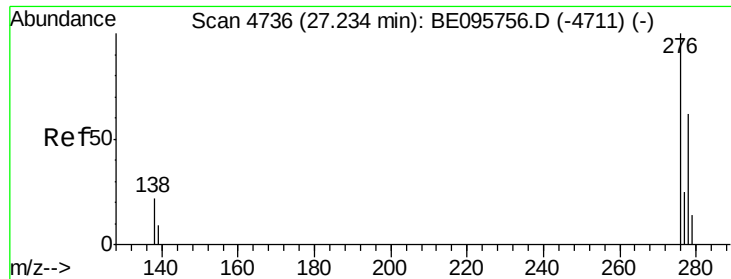


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

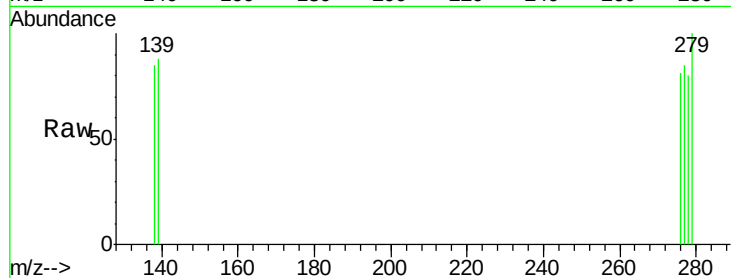




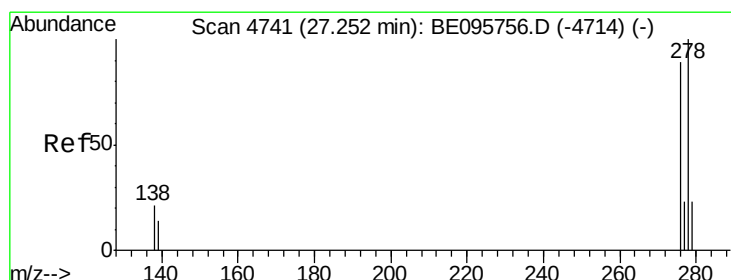
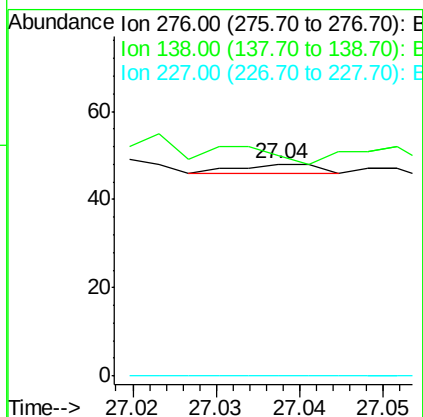
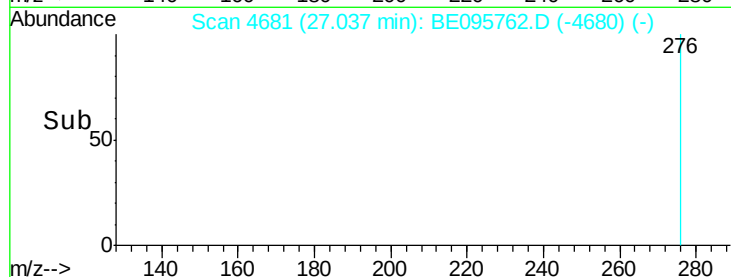
#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/ul
RT: 27.04 min Scan# 4681
Delta R.T. -0.20 min
Lab File: BE095762.D
Acq: 14 Mar 2018 13:56

Instrument :
BNA_E
ClientSampleId :

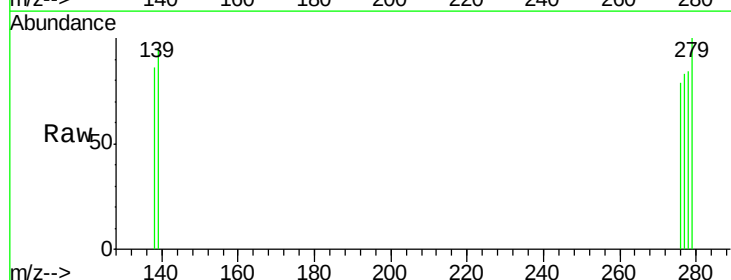


Tot Ion:276 Resp: 1
Ion Ratio Lower Upper
276 100
138 0.0 28.0 42.0#
227 0.0 8.0 12.0#

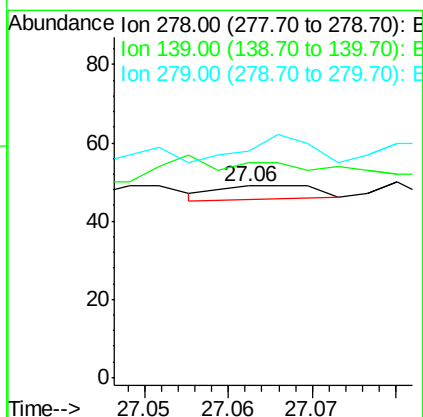
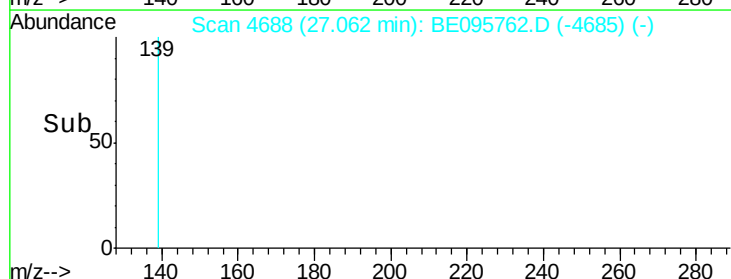


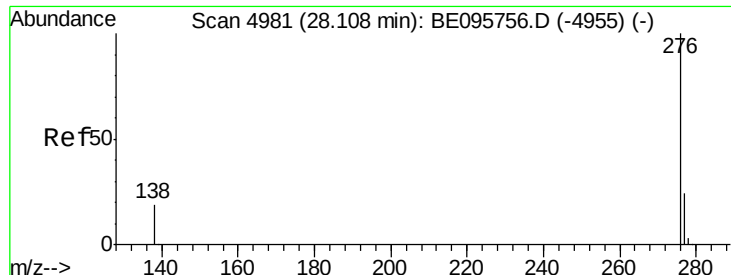
#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 27.06 min Scan# 4688
Delta R.T. -0.19 min
Lab File: BE095762.D
Acq: 14 Mar 2018 13:56



Tgt Ion:278 Resp: 3
Ion Ratio Lower Upper
278 100
139 112.2 17.4 26.0#
279 118.4 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 27.91 min Scan# 4926

Delta R.T. -0.20 min

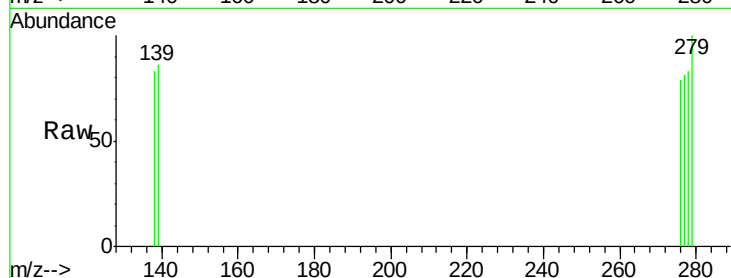
Lab File: BE095762.D

Acq: 14 Mar 2018 13:56

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	2
Ion	Ratio	Lower	Upper
276	100		
138	104.3	21.8	32.8#
277	102.2	20.5	30.7#

