

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095761.D
 Acq On : 14 Mar 2018 13:20
 Operator : SJ/JU
 Sample : J1813-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 01:36:52 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	1885	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5702	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3700	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	607708	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	527049	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.80	152	3817	0.40	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

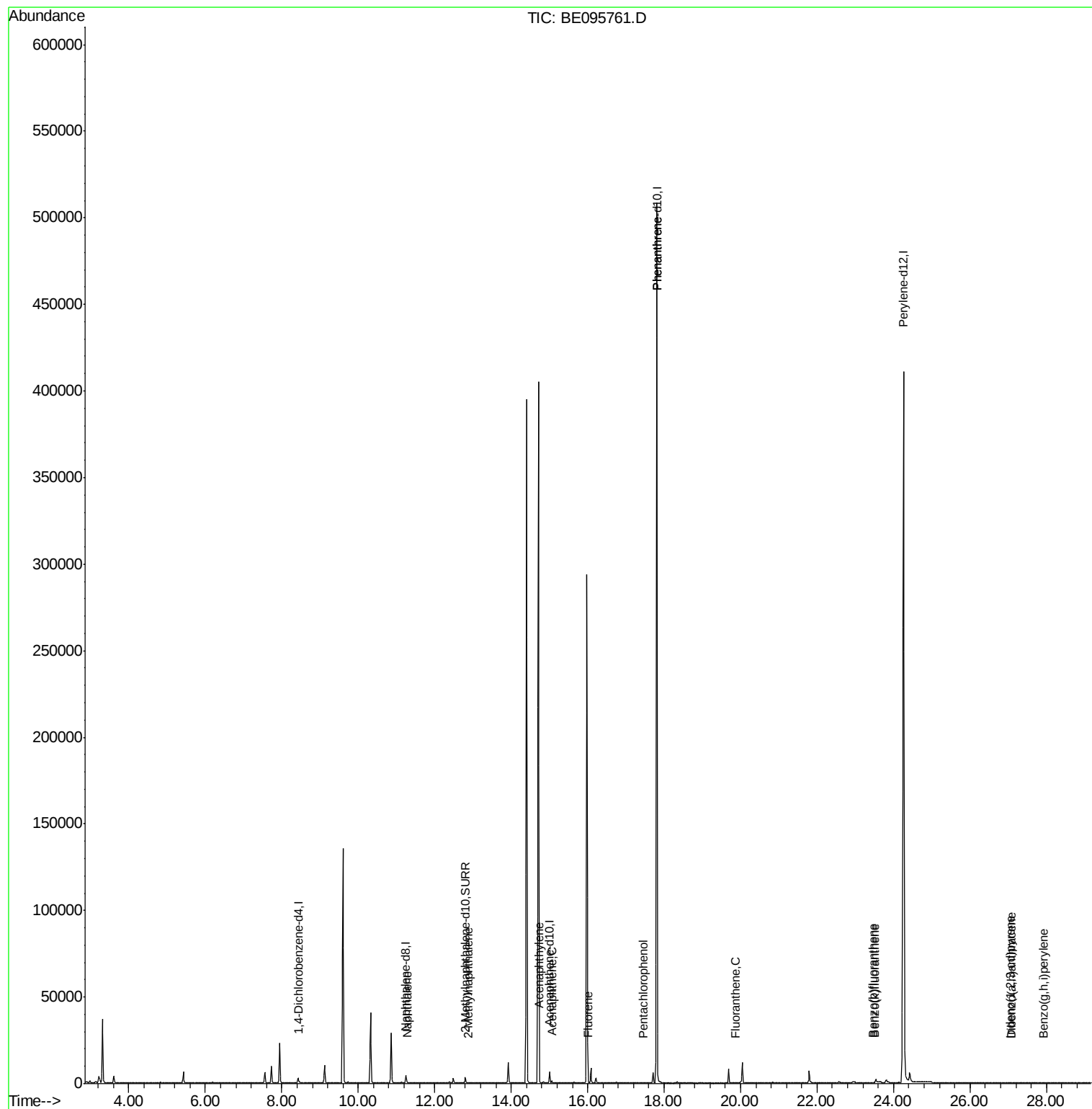
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.30	128	159	0.010	ng/ul#	21
5) 2-Methylnaphthalene	12.87	142	67	0.006	ng/ul	91
7) Acenaphthylene	14.74	152	50	0.003	ng/ul#	1
8) Acenaphthene	15.06	153	1426	0.101	ng/ul#	26
9) Fluorene	16.03	166	53	0.003	ng/ul#	77
11) Pentachlorophenol	17.44	266	2	0.000	ng/ul#	1
12) Phenanthrene	17.81	178	1098	0.001	ng/ul#	1
15) Fluoranthene	19.86	202	6	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	23.47	252	10	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	23.50	252	5	0.000	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.04	276	3	0.000	ng/ul#	52
25) Dibenzo(a,h)anthracene	27.06	278	3	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	27.92	276	7	0.000	ng/ul#	1

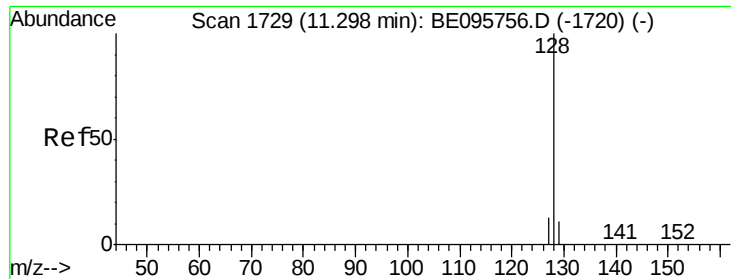
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.010 ng/ul

RT: 11.30 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BE095761.D

Acq: 14 Mar 2018 13:20

Instrument :

BNA_E

ClientSampleId :

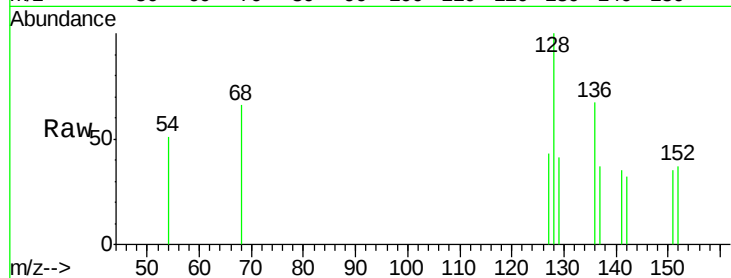
Tot Ion:128 Resp: 159

Ion Ratio Lower Upper

128 100

129 41.0 11.3 16.9#

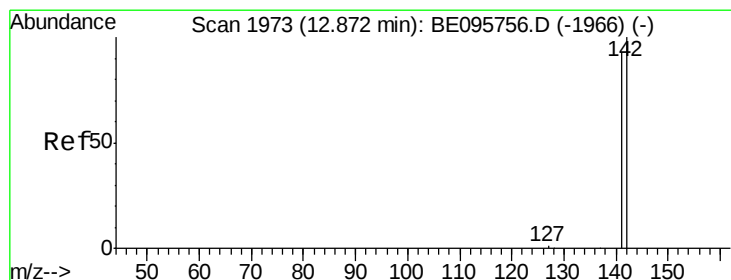
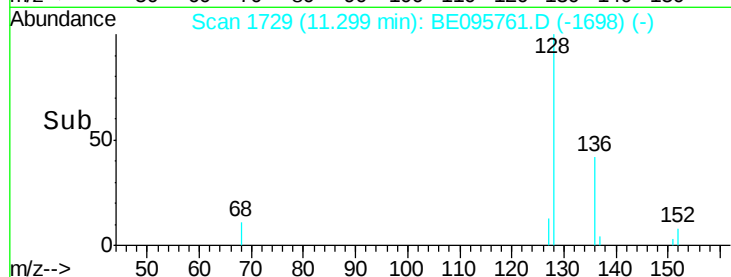
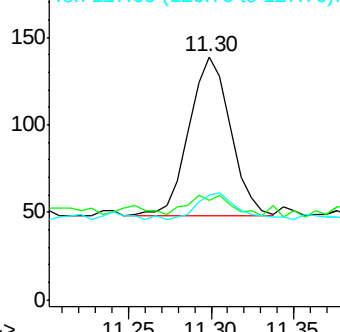
127 43.2 4.0 6.0#



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: 0.006 ng/ul

RT: 12.87 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BE095761.D

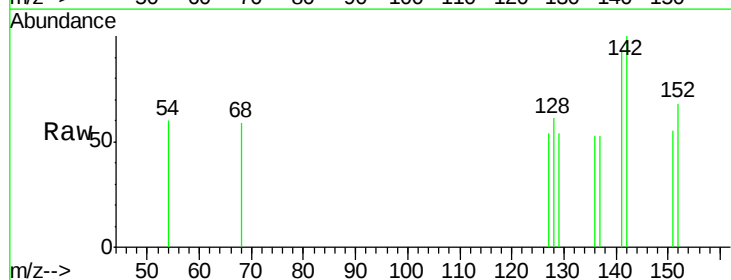
Acq: 14 Mar 2018 13:20

Tgt Ion:142 Resp: 67

Ion Ratio Lower Upper

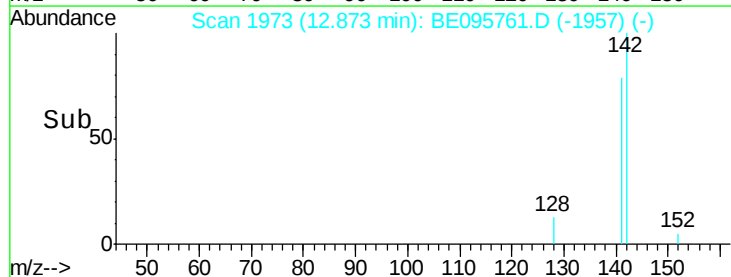
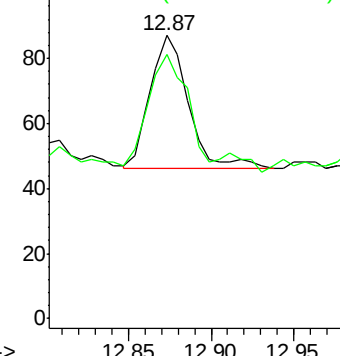
142 100

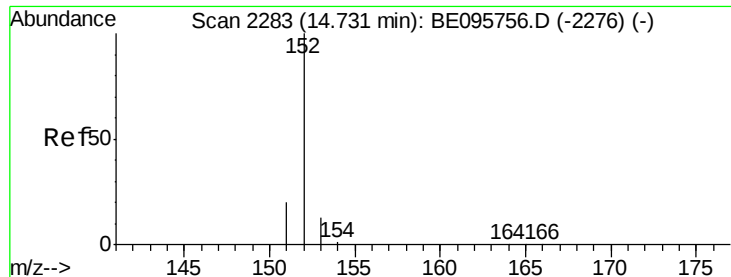
141 82.1 72.6 108.8



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: 14.74 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BE095761.D

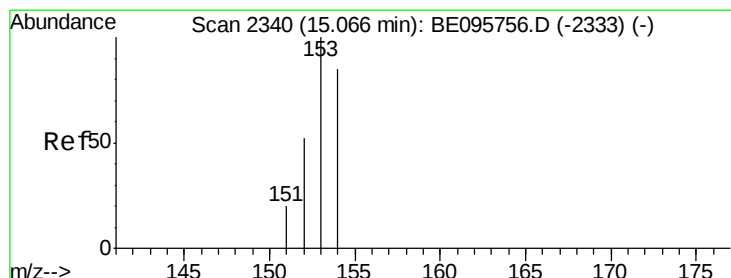
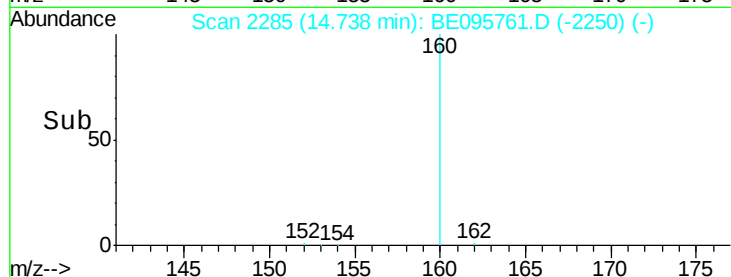
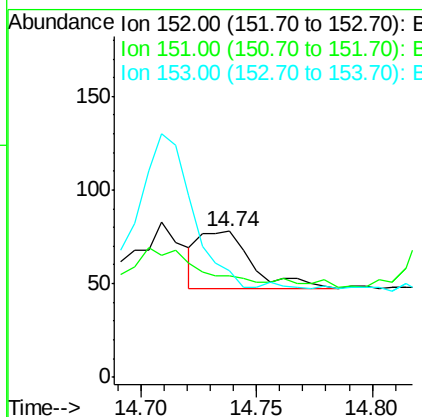
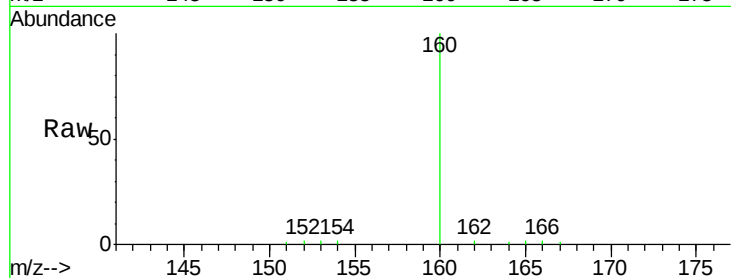
Acq: 14 Mar 2018 13:20

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	152	Resp:	50
Ion	Ratio	Lower	Upper
152	100		
151	69.2	17.1	25.7#
153	73.1	12.8	19.2#



#8

Acenaphthene

Concen: 0.101 ng/ul

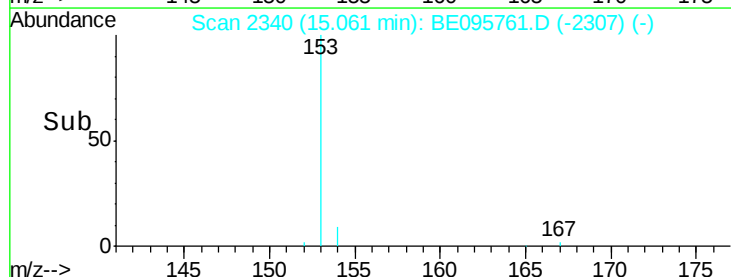
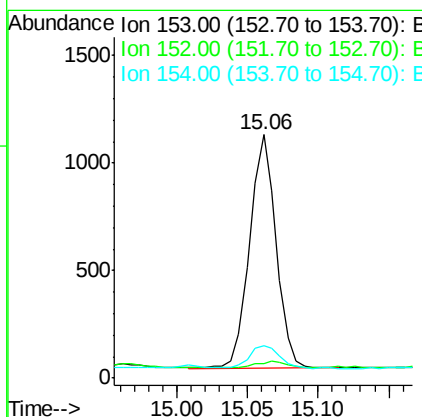
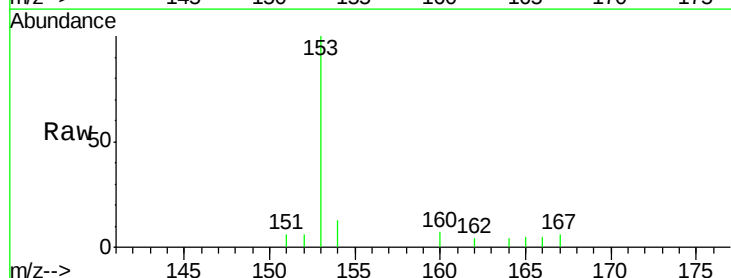
RT: 15.06 min Scan# 2340

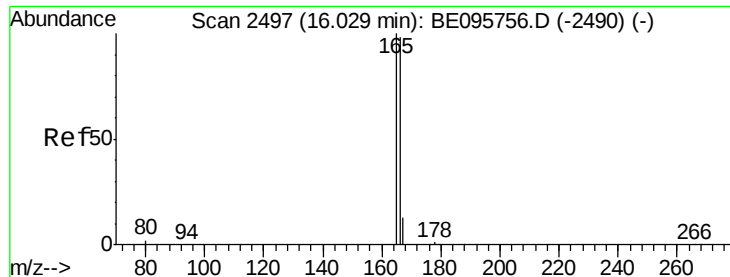
Delta R.T. -0.00 min

Lab File: BE095761.D

Acq: 14 Mar 2018 13:20

Tgt Ion:	153	Resp:	1426
Ion	Ratio	Lower	Upper
153	100		
152	5.9	36.0	54.0#
154	13.4	72.0	108.0#





#9

Fluorene

Concen: 0.003 ng/ul

RT: 16.03 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BE095761.D

Acq: 14 Mar 2018 13:20

Instrument :

BNA_E

ClientSampleId :

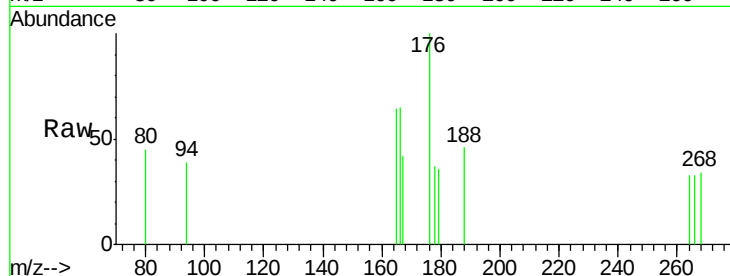
Tot Ion:166 Resp: 53

Ion Ratio Lower Upper

166 100

165 98.8 73.4 110.2

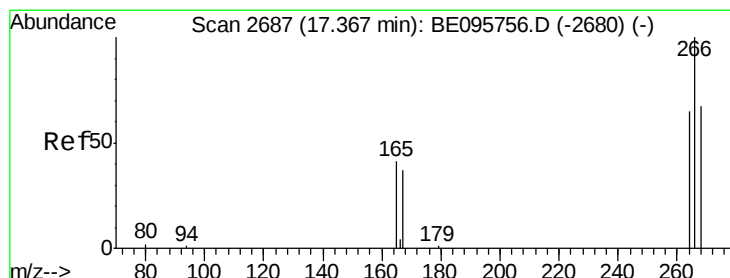
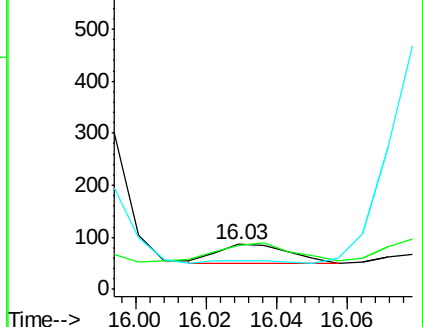
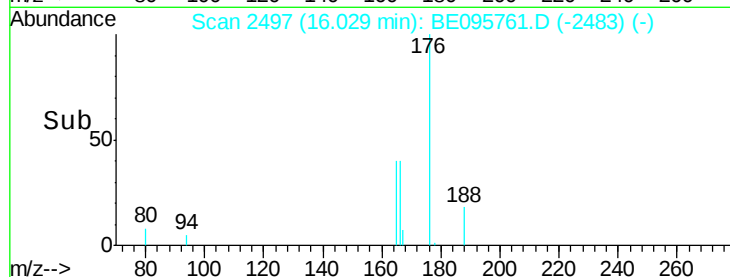
167 64.0 14.6 22.0#



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: 0.000 ng/ul

RT: 17.44 min Scan# 2698

Delta R.T. 0.08 min

Lab File: BE095761.D

Acq: 14 Mar 2018 13:20

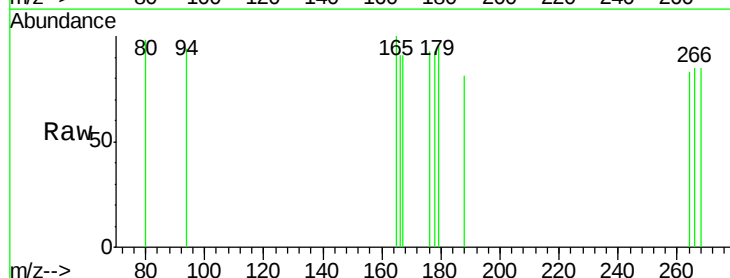
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 400.0 47.9 71.9#

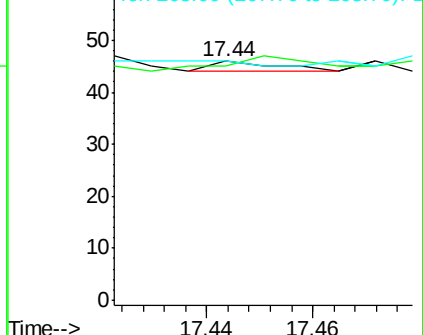
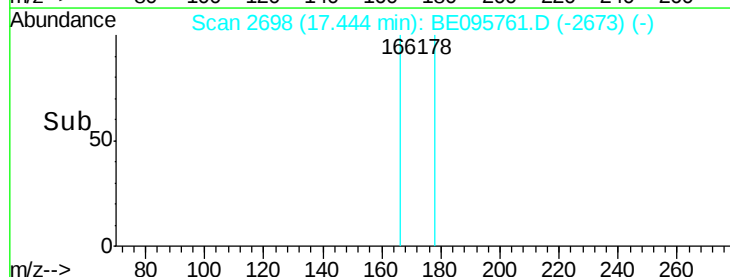
268 0.0 49.8 74.8#

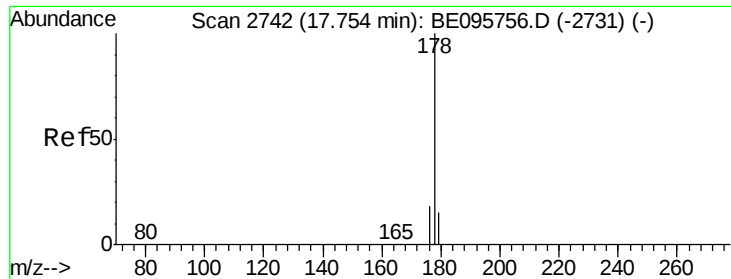


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.001 ng/ul

RT: 17.81 min Scan# 2750

Delta R.T. 0.06 min

Lab File: BE095761.D

Acq: 14 Mar 2018 13:20

Instrument :

BNA_E

ClientSampleId :

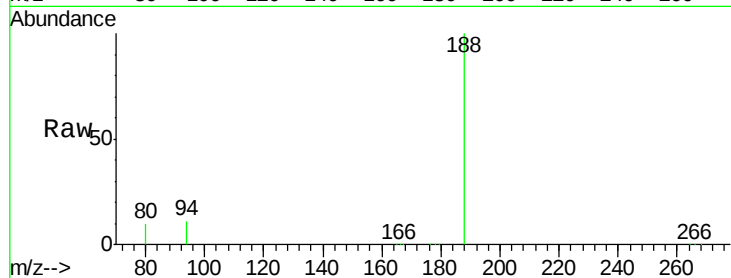
Tot Ion:178 Resp: 1098

Ion Ratio Lower Upper

178 100

179 226.8 18.4 27.6#

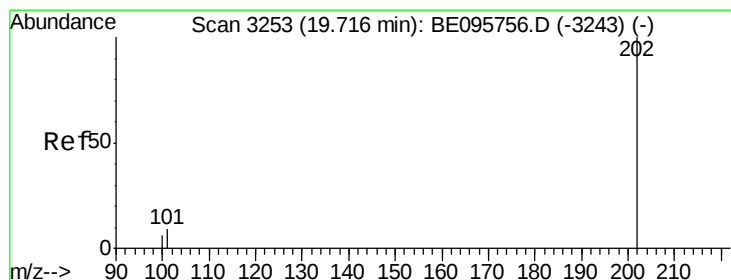
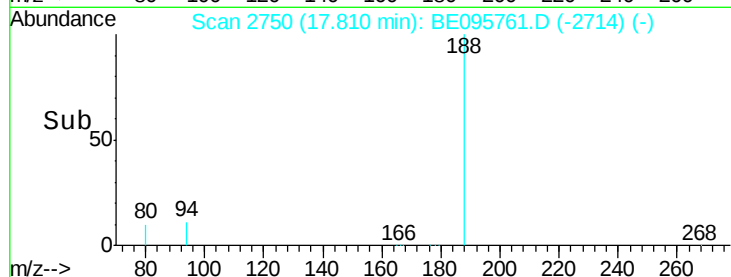
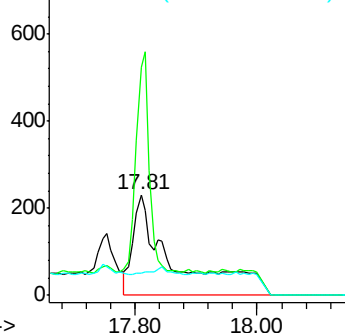
176 22.1 13.6 20.4#



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: 19.86 min Scan# 3293

Delta R.T. 0.14 min

Lab File: BE095761.D

Acq: 14 Mar 2018 13:20

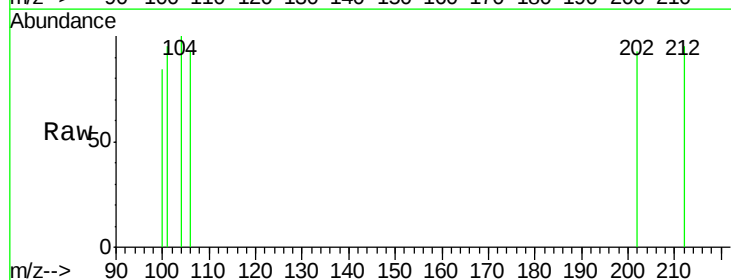
Tgt Ion:202 Resp: 6

Ion Ratio Lower Upper

202 100

101 102.0 0.0 30.3#

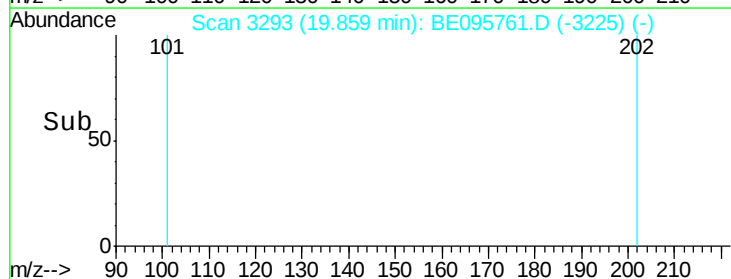
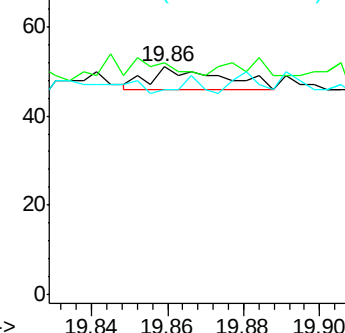
100 90.2 0.0 39.5#

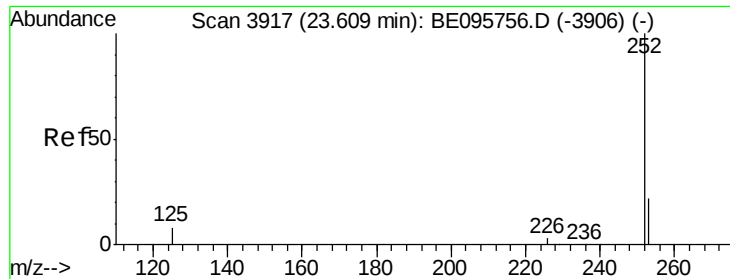


Abundance Ion 202.00 (201.70 to 202.70): E

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: 23.47 min Scan# 3897

Delta R.T. -0.14 min

Lab File: BE095761.D

Acq: 14 Mar 2018 13:20

Instrument :

BNA_E

ClientSampleId :

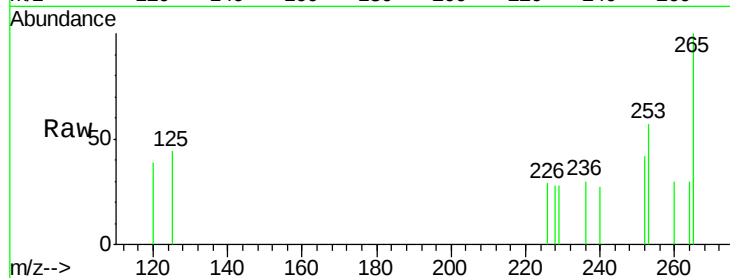
Tot Ion:252 Resp: 10

Ion Ratio Lower Upper

252 100

253 134.3 0.0 64.2#

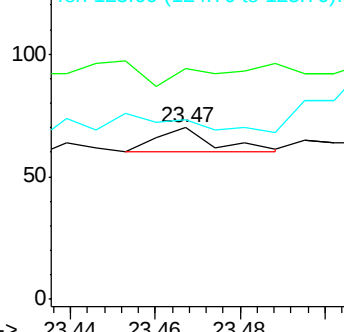
125 104.3 0.0 35.0#



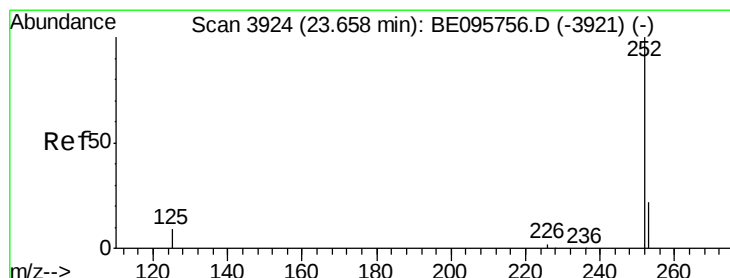
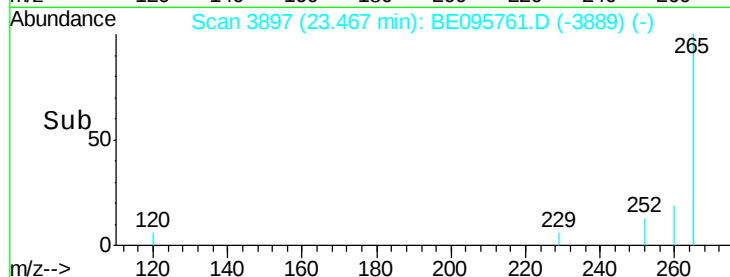
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 23.44 23.46 23.48



#22

Benzo(k)fluoranthene

Concen: 0.000 ng/ul

RT: 23.50 min Scan# 3901

Delta R.T. -0.16 min

Lab File: BE095761.D

Acq: 14 Mar 2018 13:20

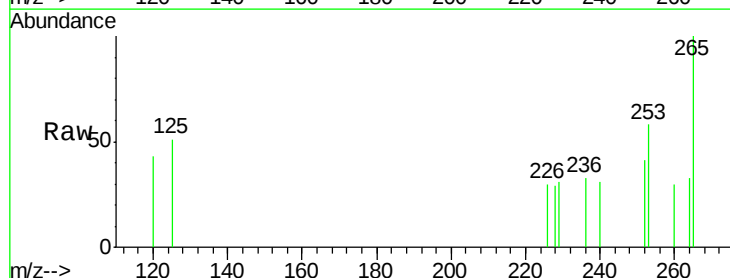
Tgt Ion:252 Resp: 5

Ion Ratio Lower Upper

252 100

253 141.5 24.5 36.7#

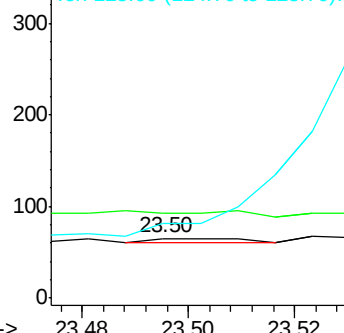
125 124.6 13.7 20.5#



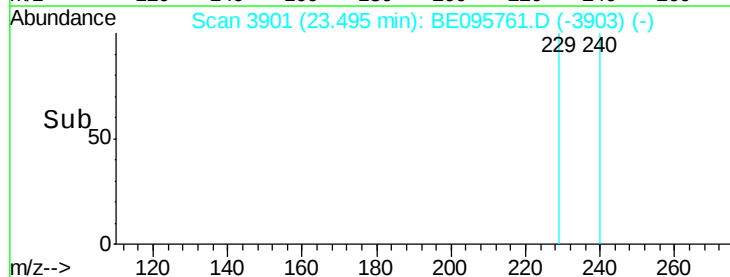
Abundance Ion 252.00 (251.70 to 252.70): E

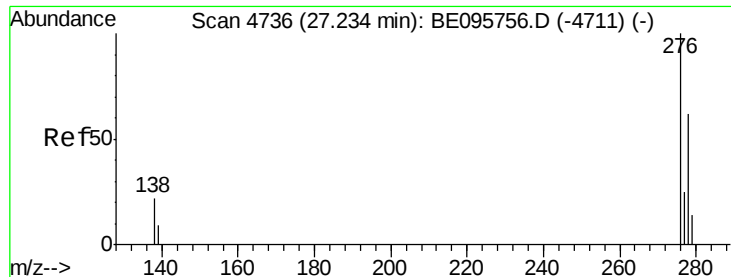
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 23.48 23.50 23.52

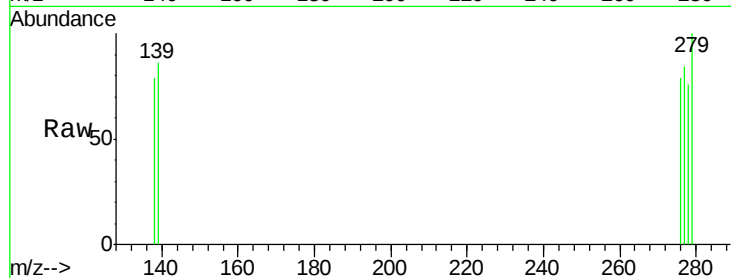




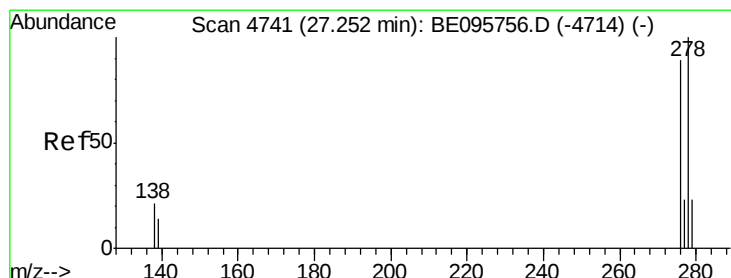
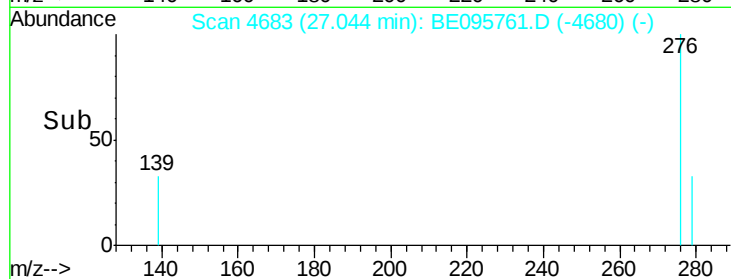
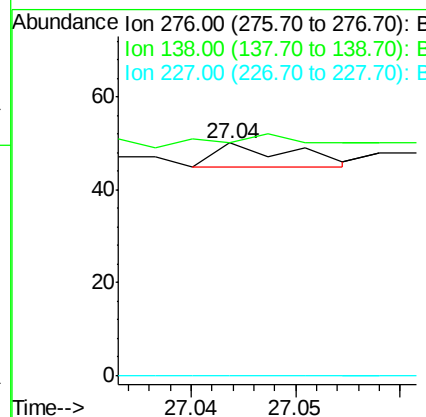
#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/u1
RT: 27.04 min Scan# 4683
Delta R.T. -0.19 min
Lab File: BE095761.D
Acq: 14 Mar 2018 13:20

Instrument :
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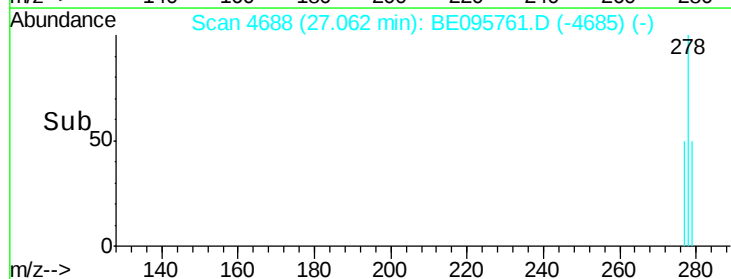
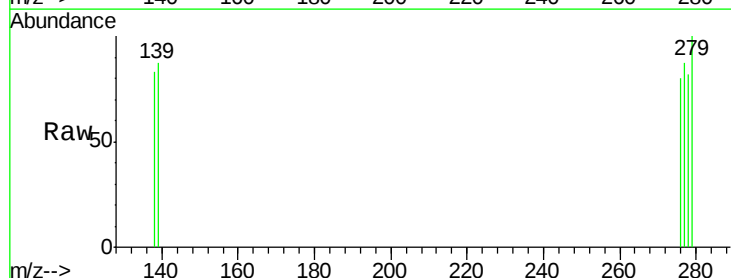
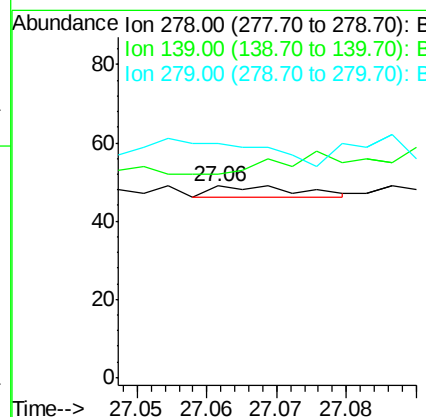
Tot Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 66.7 28.0 42.0#
227 0.0 8.0 12.0#

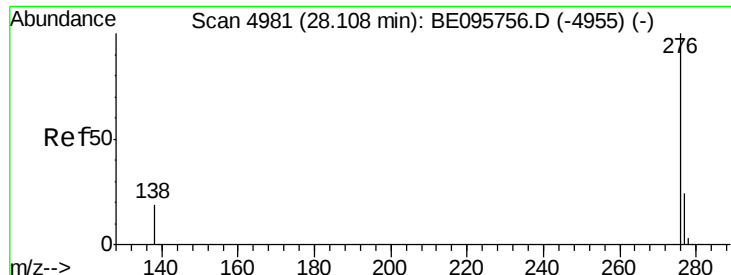


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/u1
RT: 27.06 min Scan# 4688
Delta R.T. -0.19 min
Lab File: BE095761.D
Acq: 14 Mar 2018 13:20

Tgt Ion:278 Resp: 3
Ion Ratio Lower Upper
278 100
139 106.1 17.4 26.0#
279 122.4 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 27.92 min Scan# 4930

Delta R.T. -0.18 min

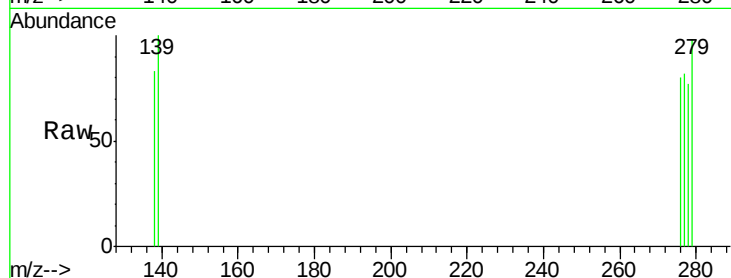
Lab File: BE095761.D

Acq: 14 Mar 2018 13:20

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 7

Ion Ratio Lower Upper

276 100

138 104.2 21.8 32.8#

277 102.1 20.5 30.7#

