

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020118\
 Data File : BE095373.D
 Acq On : 2 Feb 2018 00:41
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 02 04:09:46 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:07:20 2018
 Response via : Initial Calibration

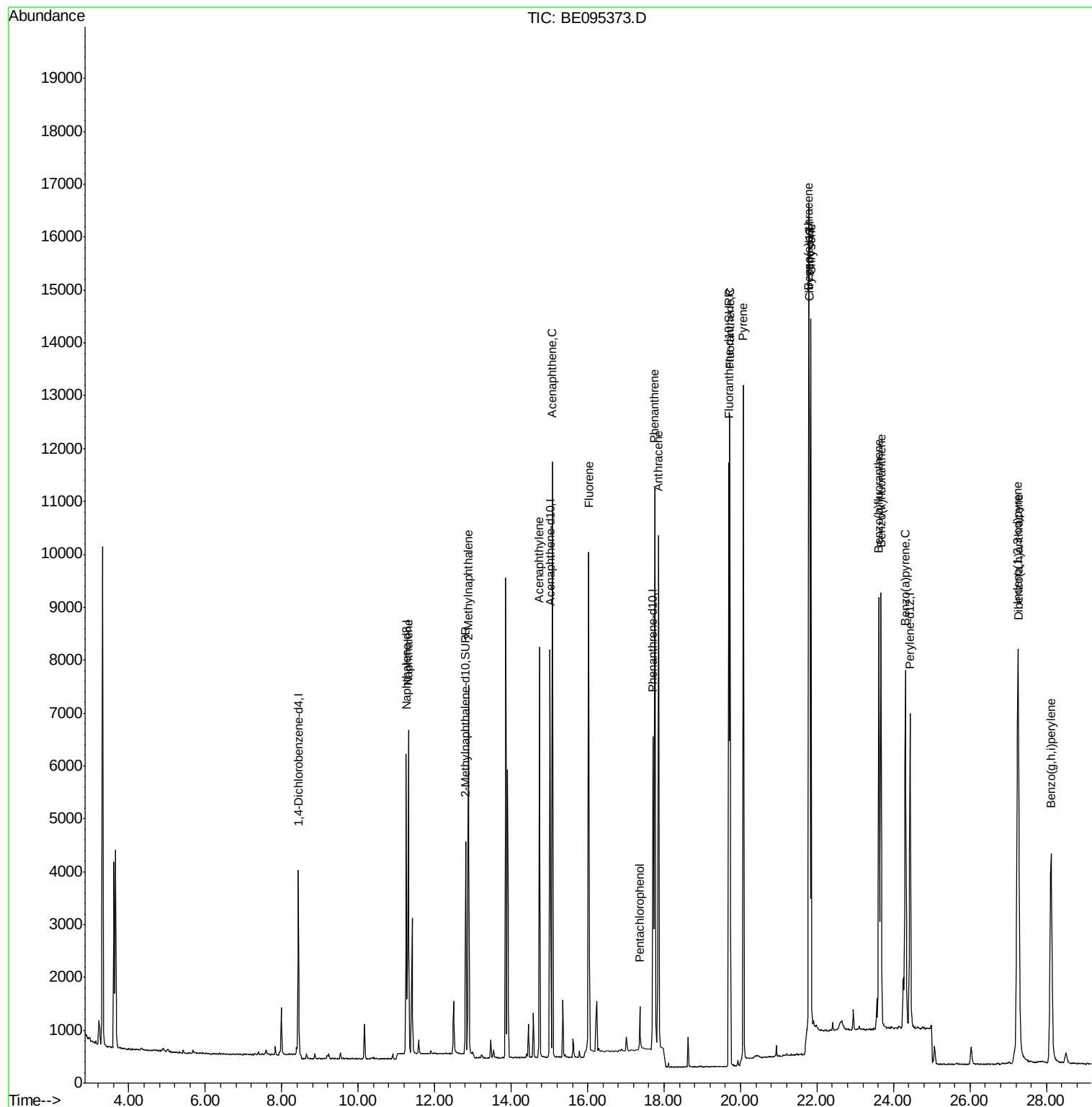
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2418	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7417	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4276	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8761	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9576	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9096	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	5113	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	12417	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	8312	0.400	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	5915	0.427	ng/ul	100
7) Acenaphthylene	14.74	152	8860	0.431	ng/ul	97
8) Acenaphthene	15.08	153	6423	0.402	ng/ul	95
9) Fluorene	16.02	166	6869	0.417	ng/ul#	79
11) Pentachlorophenol	17.36	266	635	0.374	ng/ul	96
12) Phenanthrene	17.75	178	12067	0.410	ng/ul#	89
13) Anthracene	17.85	178	11567	0.429	ng/ul#	92
15) Fluoranthene	19.72	202	13860	0.363	ng/ul	83
17) Pyrene	20.07	202	15291	0.476	ng/ul#	81
18) Benzo(a)anthracene	21.79	228	12948	0.432	ng/ul#	86
19) Chrysene	21.84	228	12425	0.400	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	12164	0.379	ng/ul	85
22) Benzo(k)fluoranthene	23.67	252	11923	0.406	ng/ul#	86
23) Benzo(a)pyrene	24.31	252	11612	0.405	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.25	276	12728	0.405	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.27	278	10232	0.398	ng/ul#	89
26) Benzo(g,h,i)perylene	28.12	276	10712	0.403	ng/ul#	93

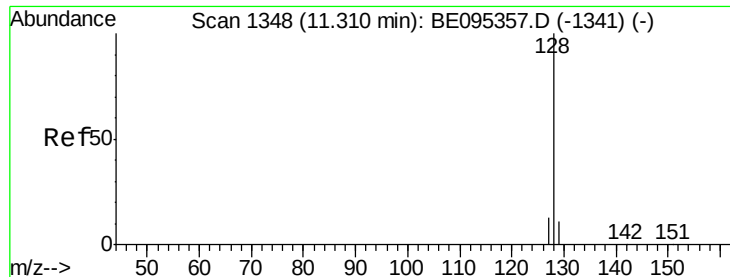
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.400 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095373.D

Acq: 2 Feb 2018 00:41

Instrument :

BNA_E

ClientSampleId :

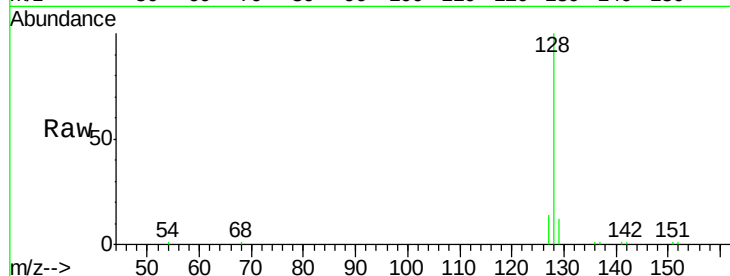
Tot Ion:128 Resp: 8312

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

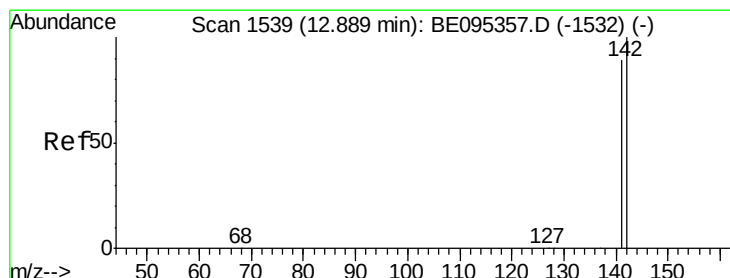
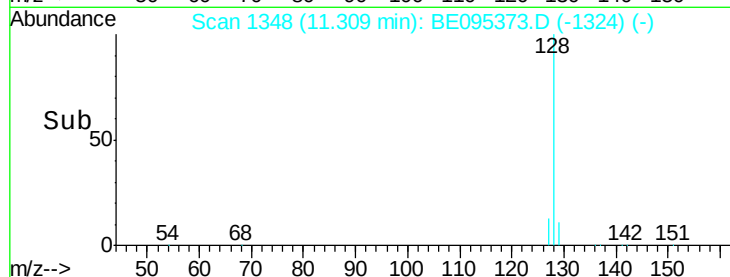
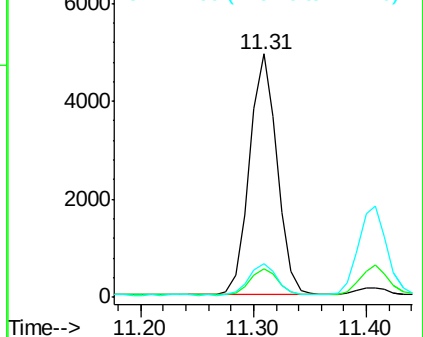
127 13.7 4.0 6.0#



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: 0.427 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095373.D

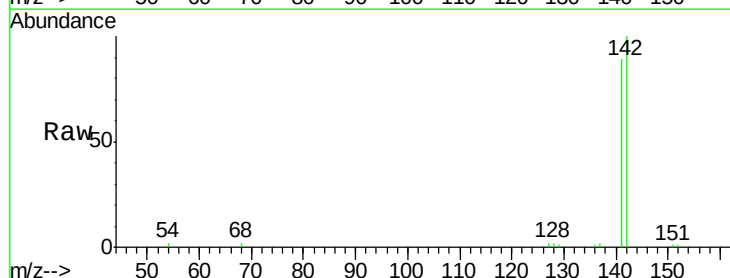
Acq: 2 Feb 2018 00:41

Tgt Ion:142 Resp: 5915

Ion Ratio Lower Upper

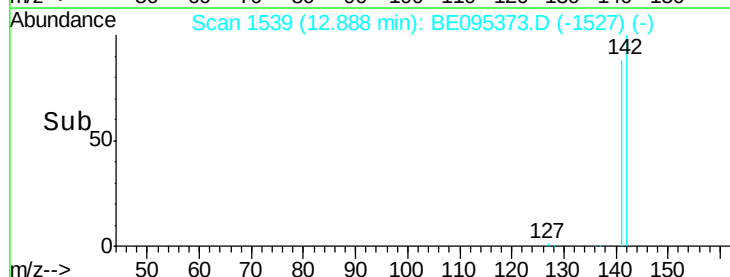
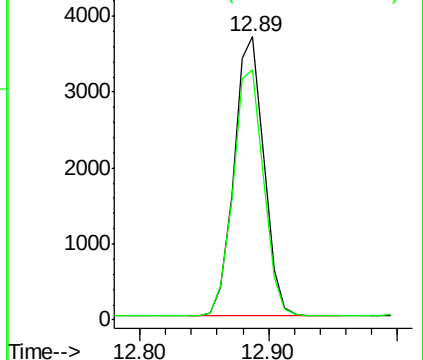
142 100

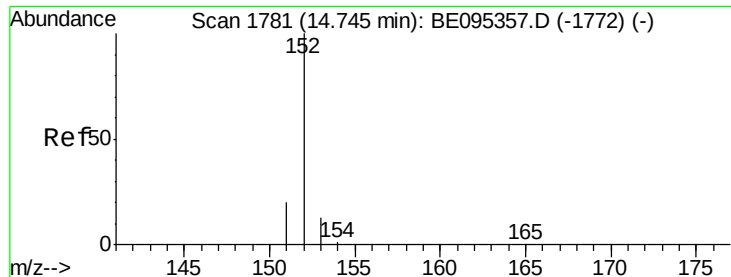
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.431 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095373.D

Acq: 2 Feb 2018 00:41

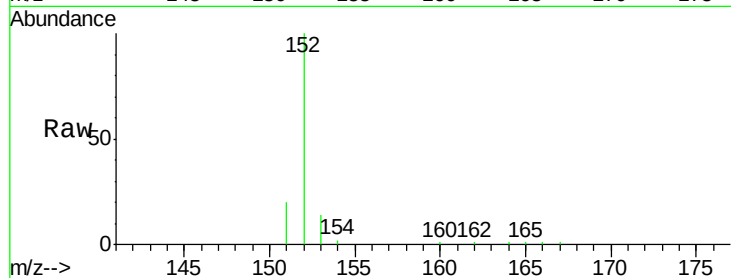
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 8860

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	14.2	12.8	19.2

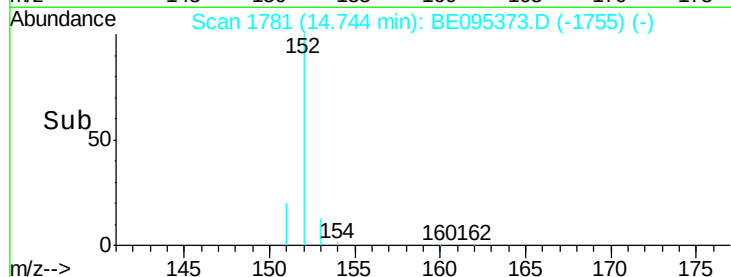
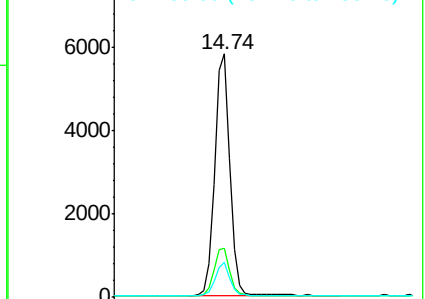


Abundance

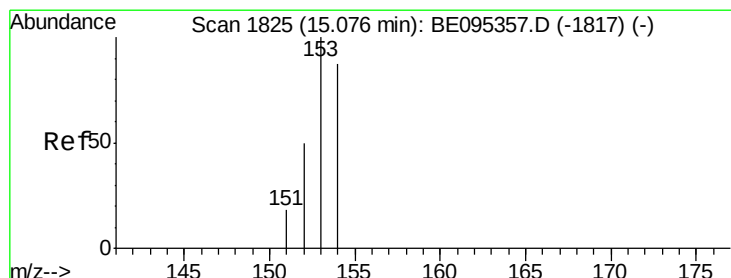
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.402 ng/ul

RT: 15.08 min Scan# 1825

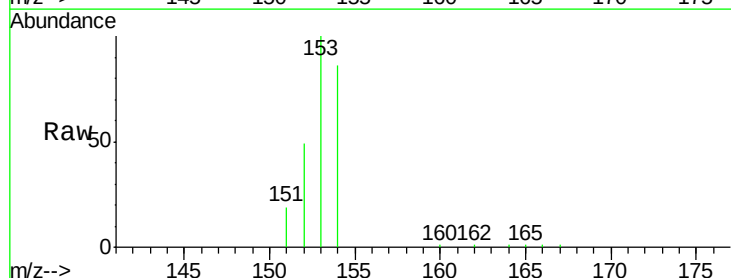
Delta R.T. -0.00 min

Lab File: BE095373.D

Acq: 2 Feb 2018 00:41

Tgt Ion:153 Resp: 6423

Ion	Ratio	Lower	Upper
153	100		
152	49.5	36.0	54.0
154	85.7	72.0	108.0

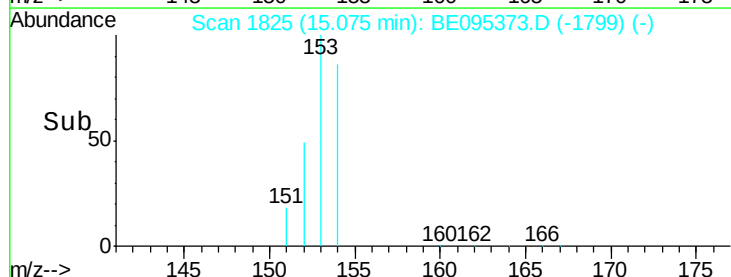
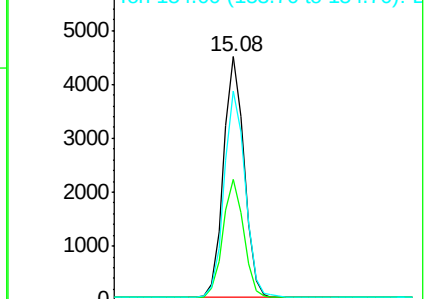


Abundance

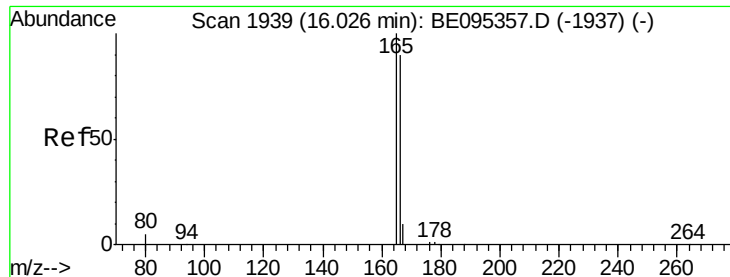
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.417 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095373.D

Acq: 2 Feb 2018 00:41

Instrument :

BNA_E

ClientSampleId :

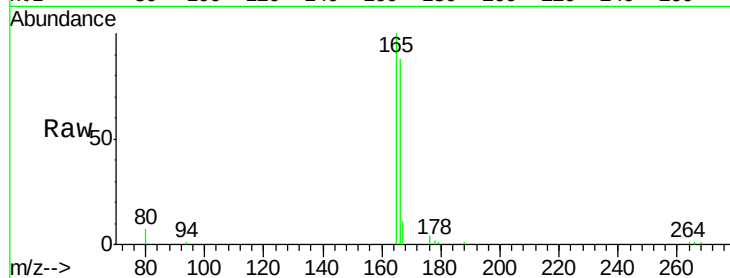
Tot Ion:166 Resp: 6869

Ion Ratio Lower Upper

166 100

165 113.7 73.4 110.2#

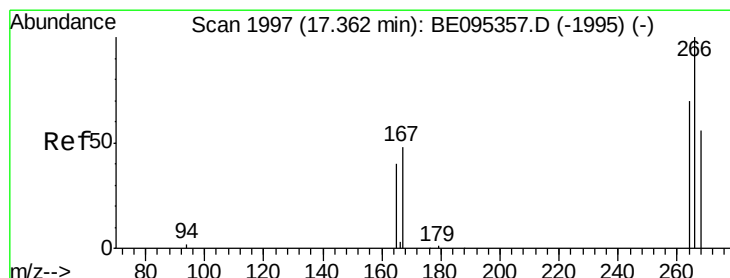
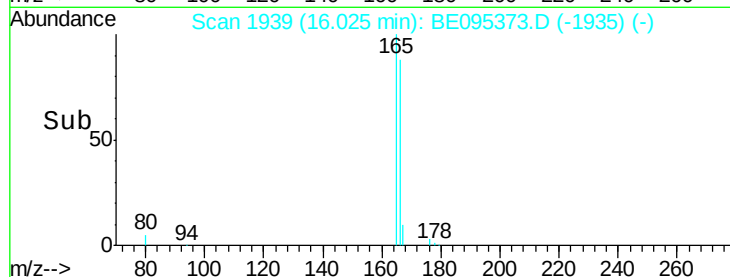
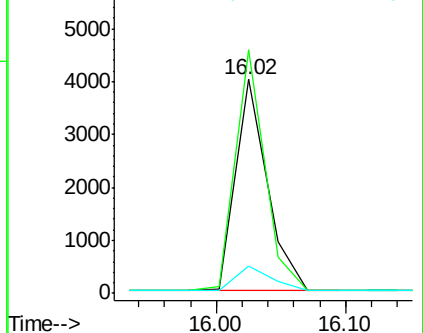
167 12.6 14.6 22.0#



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: 0.374 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095373.D

Acq: 2 Feb 2018 00:41

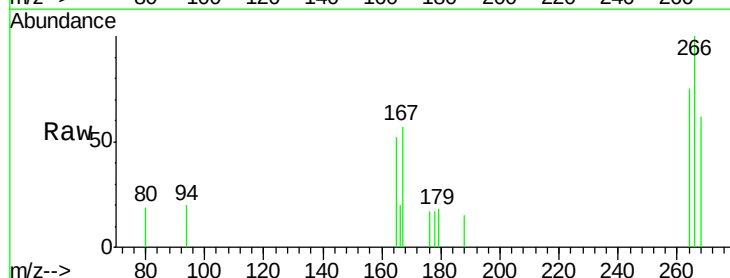
Tgt Ion:266 Resp: 635

Ion Ratio Lower Upper

266 100

264 62.2 47.9 71.9

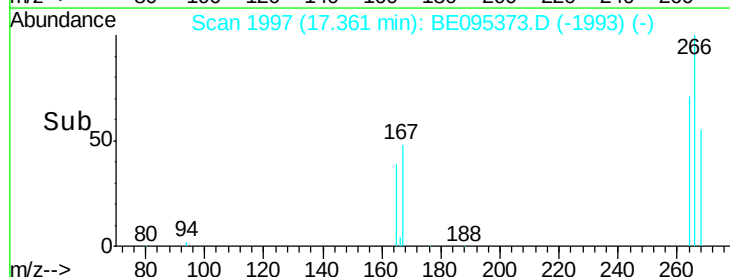
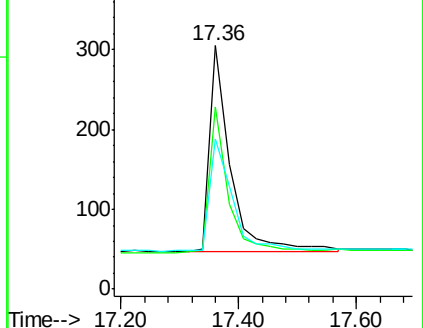
268 59.1 49.8 74.8

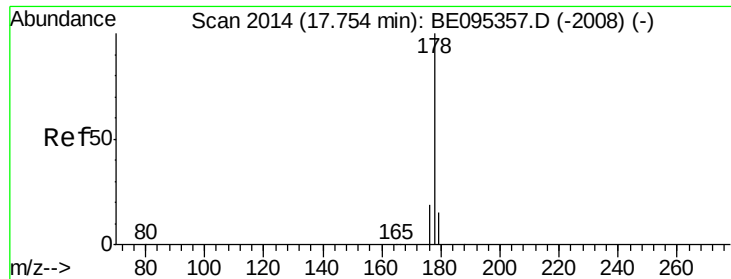


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

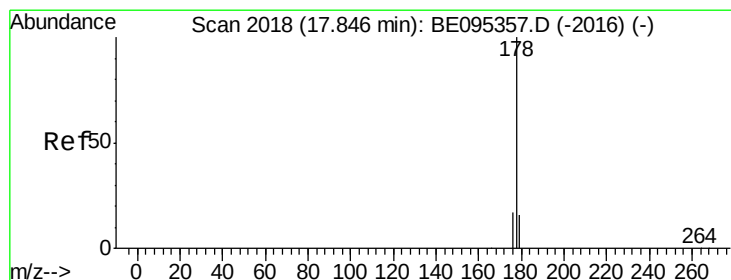
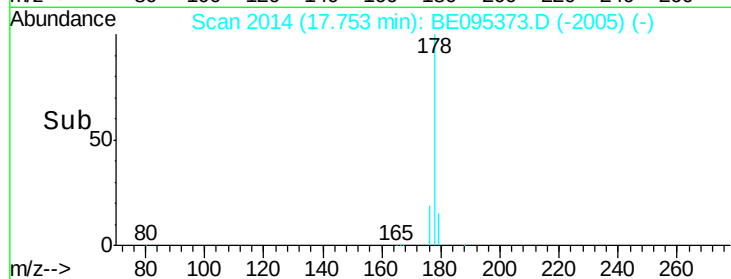
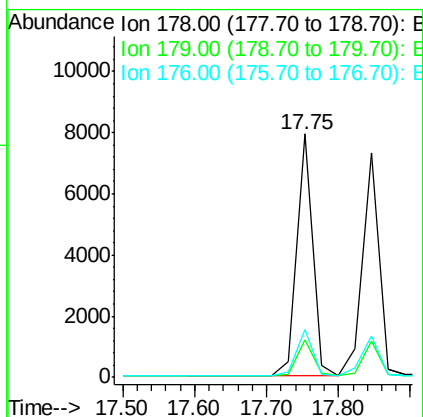
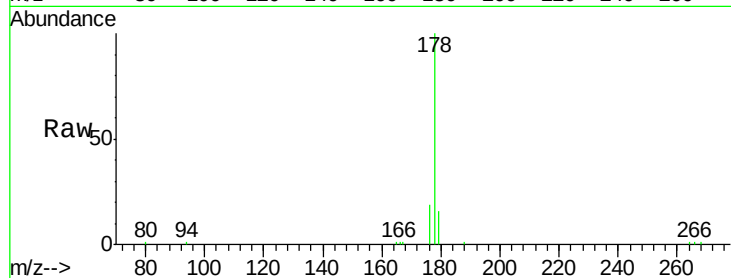




#12
Phenanthrene
Concen: 0.410 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095373.D
Acq: 2 Feb 2018 00:41

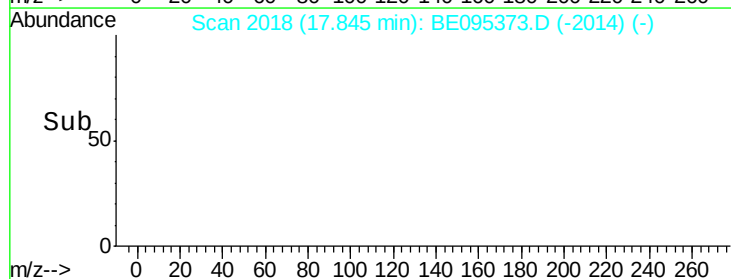
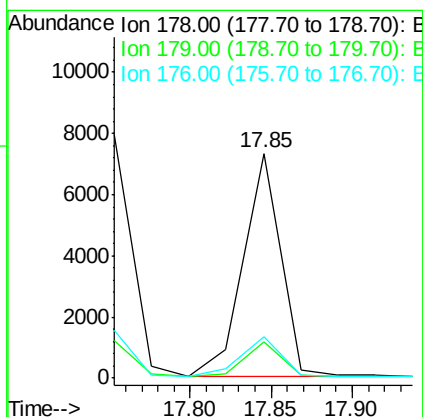
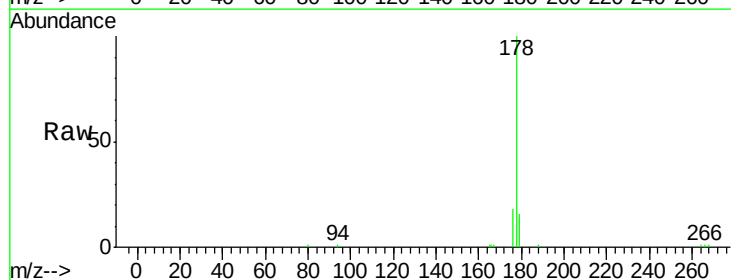
Instrument :
BNA_E
ClientSampled :

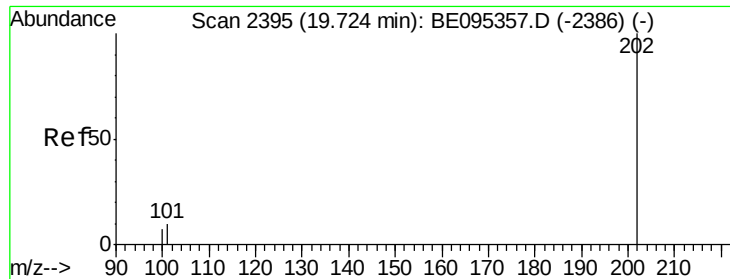
Tot Ion:178 Resp: 12067
Ion Ratio Lower Upper
178 100
179 15.7 18.4 27.6#
176 19.4 13.6 20.4



#13
Anthracene
Concen: 0.429 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095373.D
Acq: 2 Feb 2018 00:41

Tgt Ion:178 Resp: 11567
Ion Ratio Lower Upper
178 100
179 16.1 18.1 27.1#
176 18.1 14.7 22.1





#15

Fluoranthene

Concen: 0.363 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BE095373.D

Acq: 2 Feb 2018 00:41

Instrument :

BNA_E

ClientSampleId :

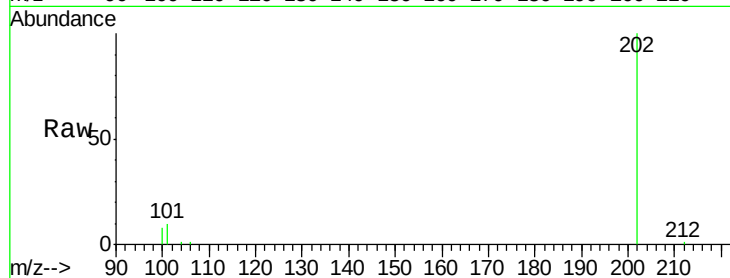
Tot Ion:202 Resp: 13860

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

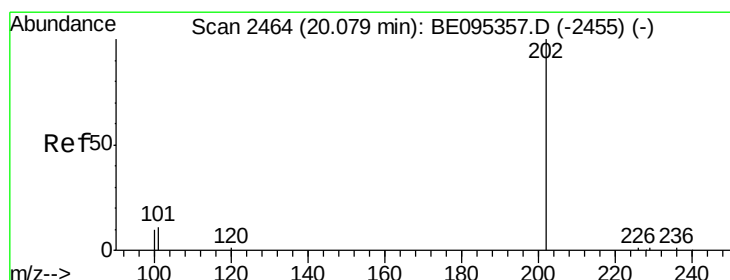
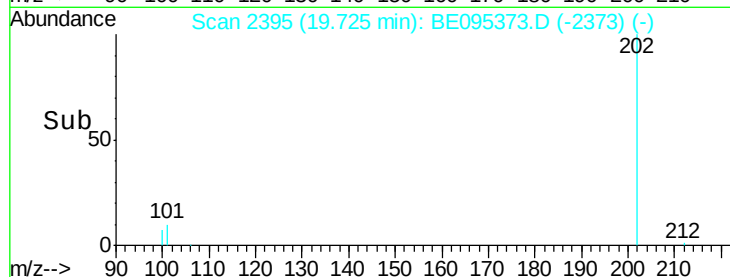
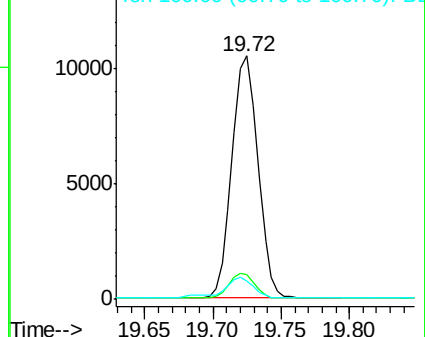
100 7.6 0.0 39.5



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: 0.476 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BE095373.D

Acq: 2 Feb 2018 00:41

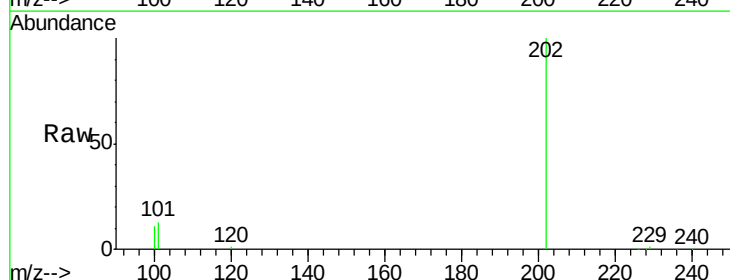
Tgt Ion:202 Resp: 15291

Ion Ratio Lower Upper

202 100

101 12.9 18.2 27.4#

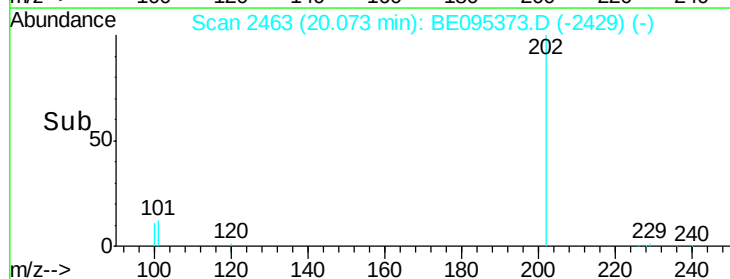
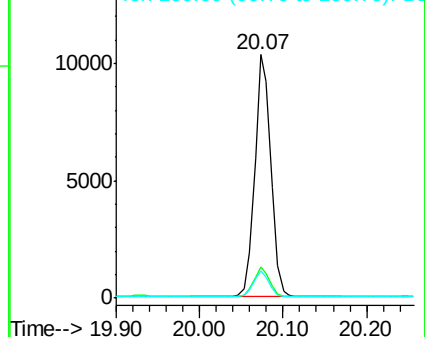
100 11.4 15.6 23.4#

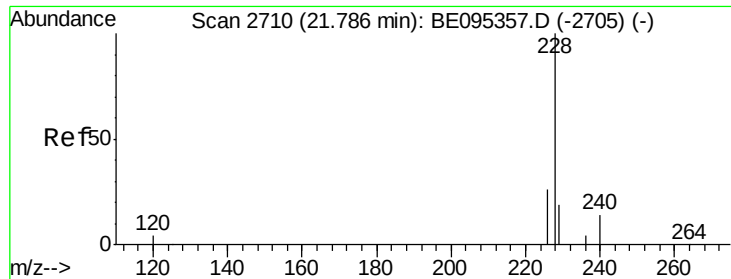


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

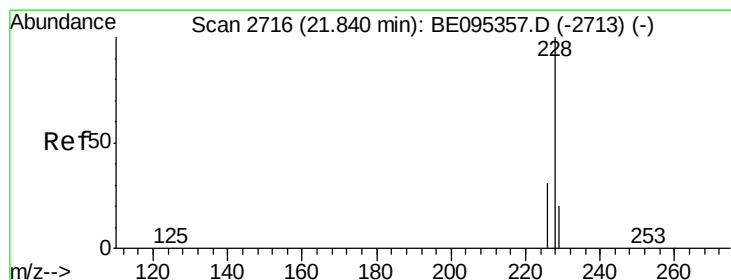
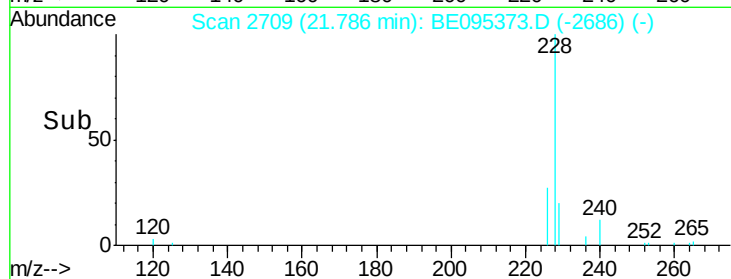
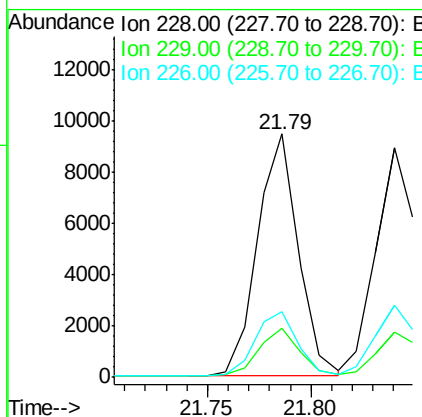
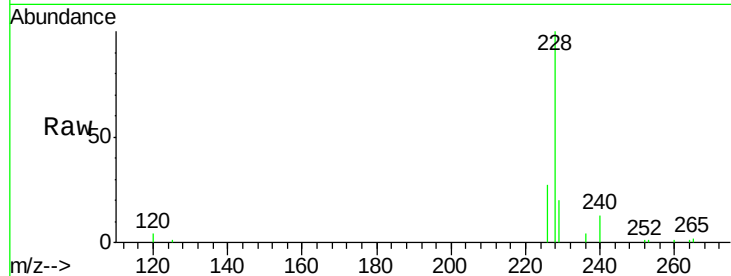




#18
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.79 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE095373.D
Acq: 2 Feb 2018 00:41

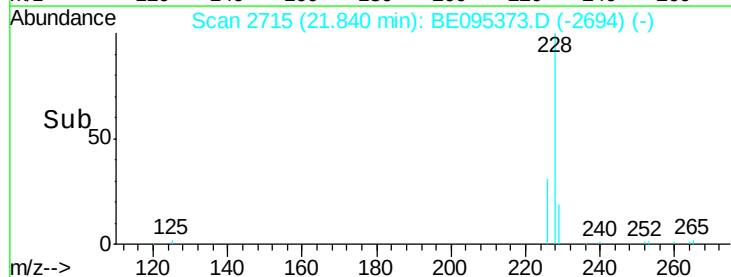
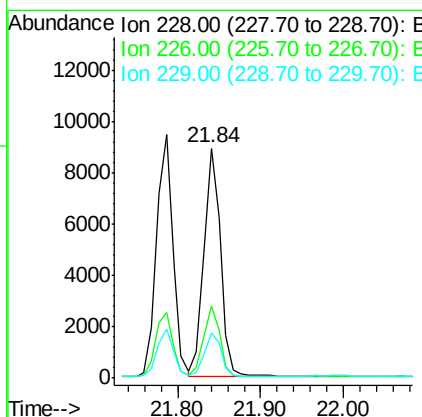
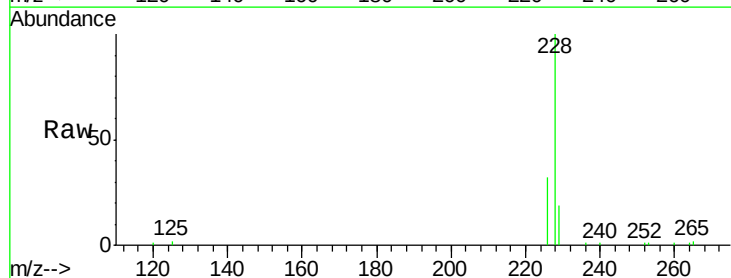
Instrument :
BNA_E
ClientSampleId :

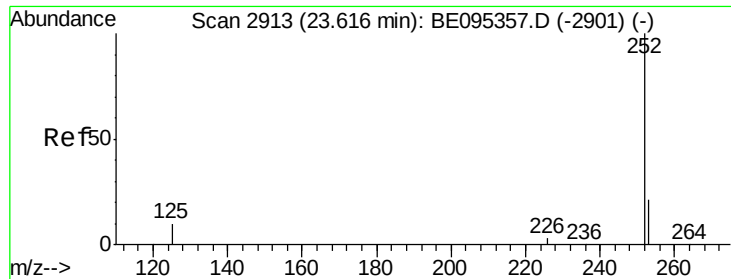
Tot Ion:228 Resp: 12948
Ion Ratio Lower Upper
228 100
229 20.3 22.8 34.2#
226 27.2 17.0 25.6#



#19
Chrysene
Concen: 0.400 ng/ul
RT: 21.84 min Scan# 2715
Delta R.T. -0.00 min
Lab File: BE095373.D
Acq: 2 Feb 2018 00:41

Tgt Ion:228 Resp: 12425
Ion Ratio Lower Upper
228 100
226 31.6 23.4 35.0
229 19.4 17.7 26.5

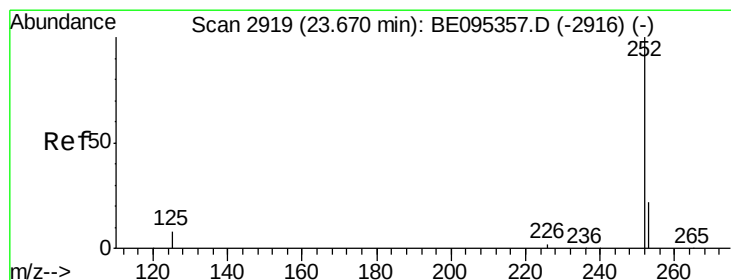
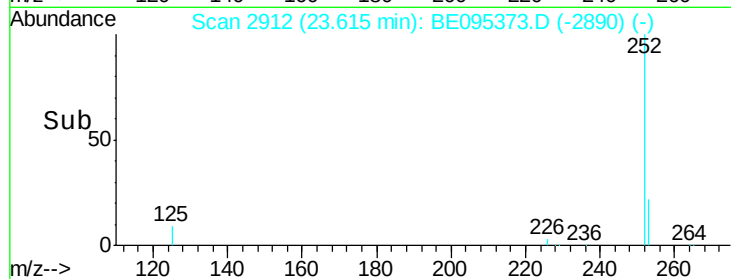
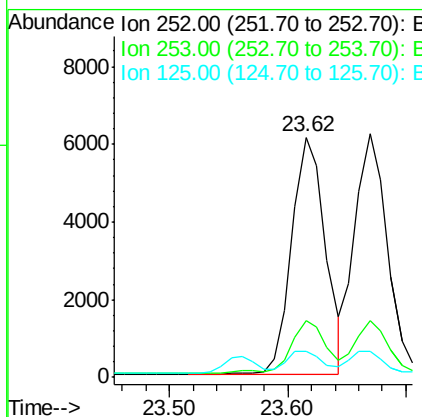
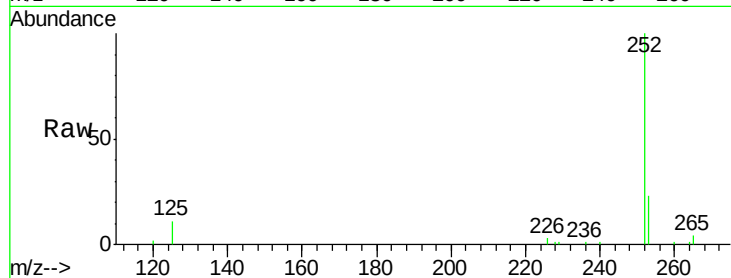




#21
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 23.62 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BE095373.D
Acq: 2 Feb 2018 00:41

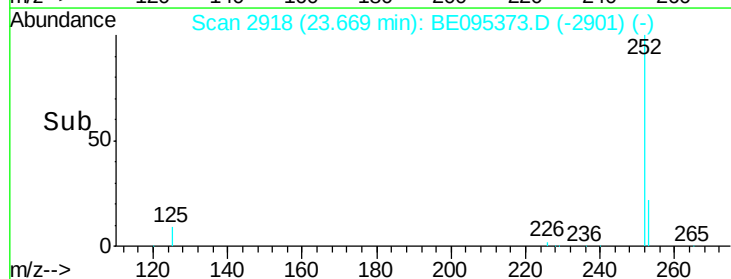
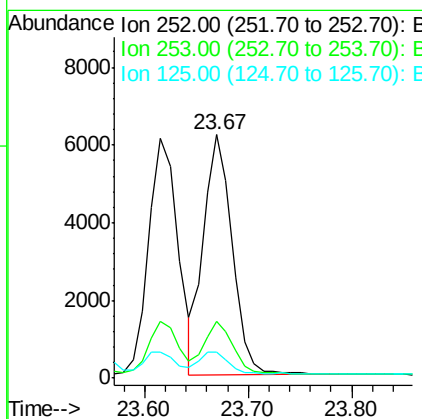
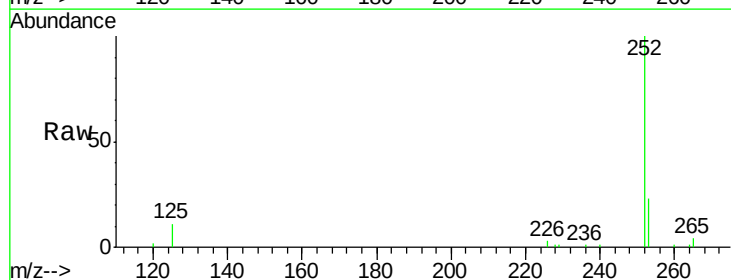
Instrument :
BNA_E
ClientSampleId :

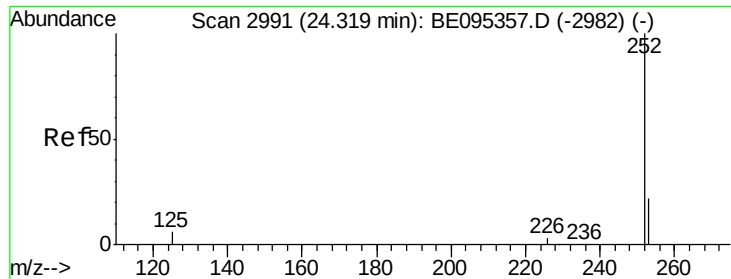
Tot Ion:252 Resp: 12164
Ion Ratio Lower Upper
252 100
253 23.4 0.0 64.2
125 11.0 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.406 ng/ul
RT: 23.67 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BE095373.D
Acq: 2 Feb 2018 00:41

Tgt Ion:252 Resp: 11923
Ion Ratio Lower Upper
252 100
253 23.0 24.5 36.7#
125 10.7 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 24.31 min Scan# 2989

Delta R.T. -0.01 min

Lab File: BE095373.D

Acq: 2 Feb 2018 00:41

Instrument :

BNA_E

ClientSampleId :

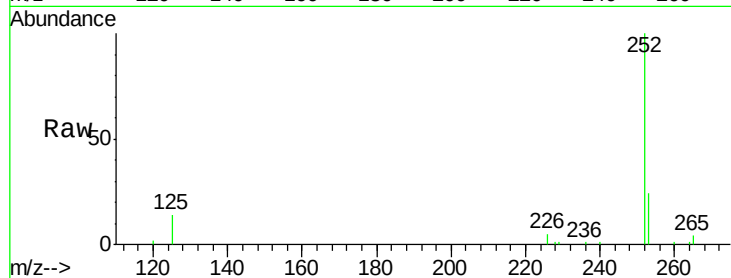
Tot Ion:252 Resp: 11612

Ion Ratio Lower Upper

252 100

253 23.9 28.5 42.7#

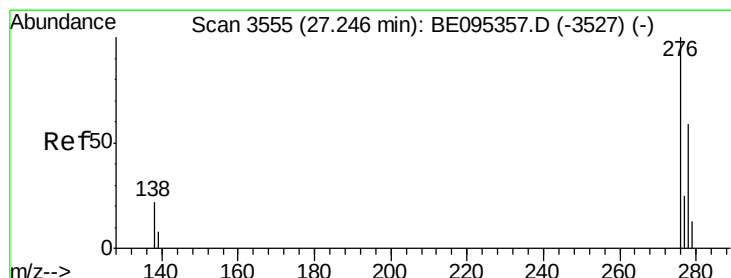
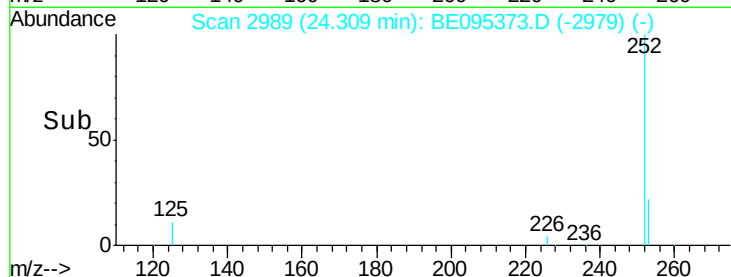
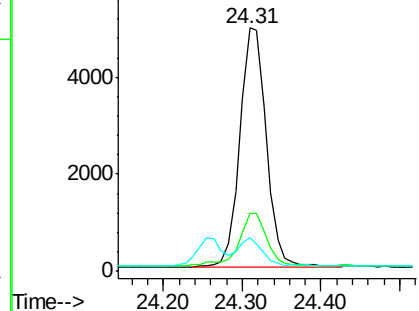
125 13.6 18.1 27.1#



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: 0.405 ng/ul

RT: 27.25 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BE095373.D

Acq: 2 Feb 2018 00:41

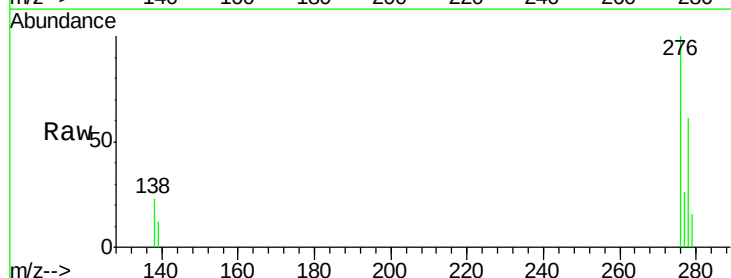
Tgt Ion:276 Resp: 12728

Ion Ratio Lower Upper

276 100

138 23.1 28.0 42.0#

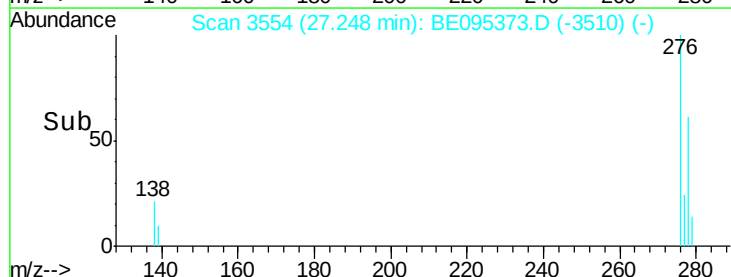
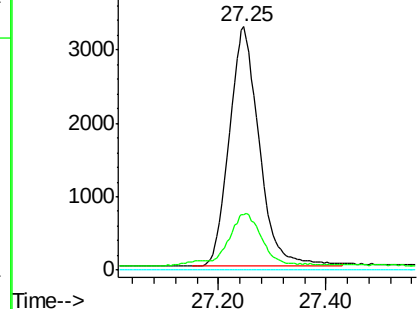
227 0.0 8.0 12.0#

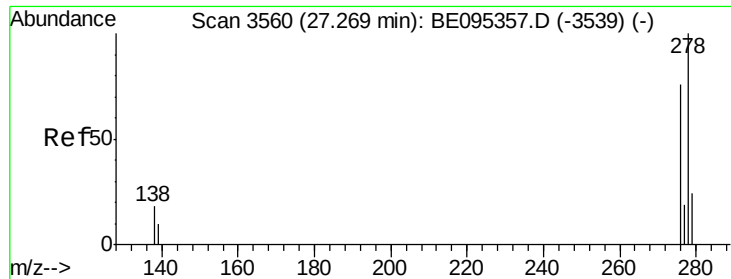


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.398 ng/ul

RT: 27.27 min Scan# 3559

Delta R.T. 0.00 min

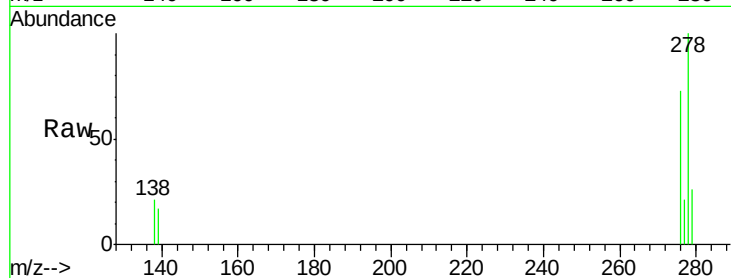
Lab File: BE095373.D

Acq: 2 Feb 2018 00:41

Instrument :

BNA_E

ClientSampleId :



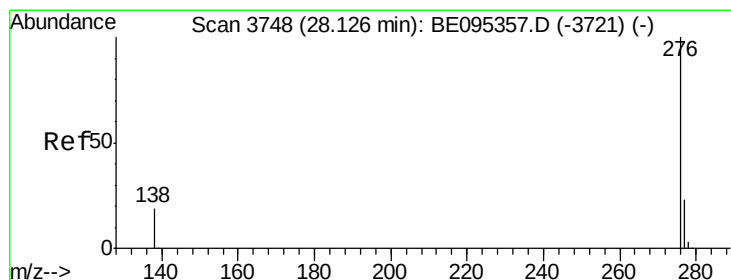
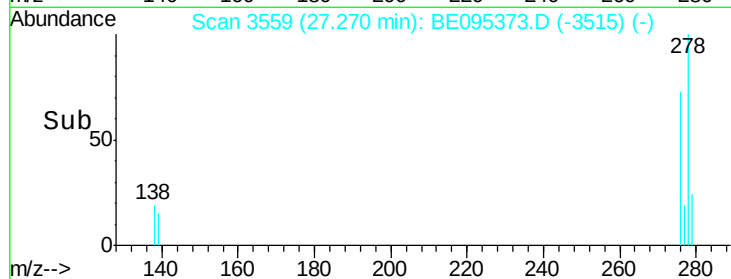
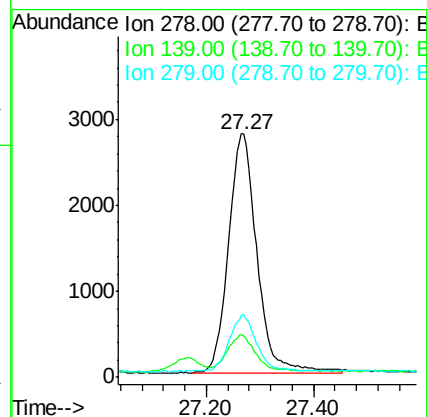
Tot Ion:278 Resp: 10232

Ion Ratio Lower Upper

278 100

139 17.0 17.4 26.0#

279 25.8 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.403 ng/ul

RT: 28.12 min Scan# 3746

Delta R.T. -0.00 min

Lab File: BE095373.D

Acq: 2 Feb 2018 00:41

Tgt Ion:276 Resp: 10712

Ion Ratio Lower Upper

276 100

138 20.4 21.8 32.8#

277 25.5 20.5 30.7

