

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
 Data File : BE097888.D
 Acq On : 12 Oct 2018 20:40
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 13 02:39:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 02:36:51 2018
 Response via : Initial Calibration

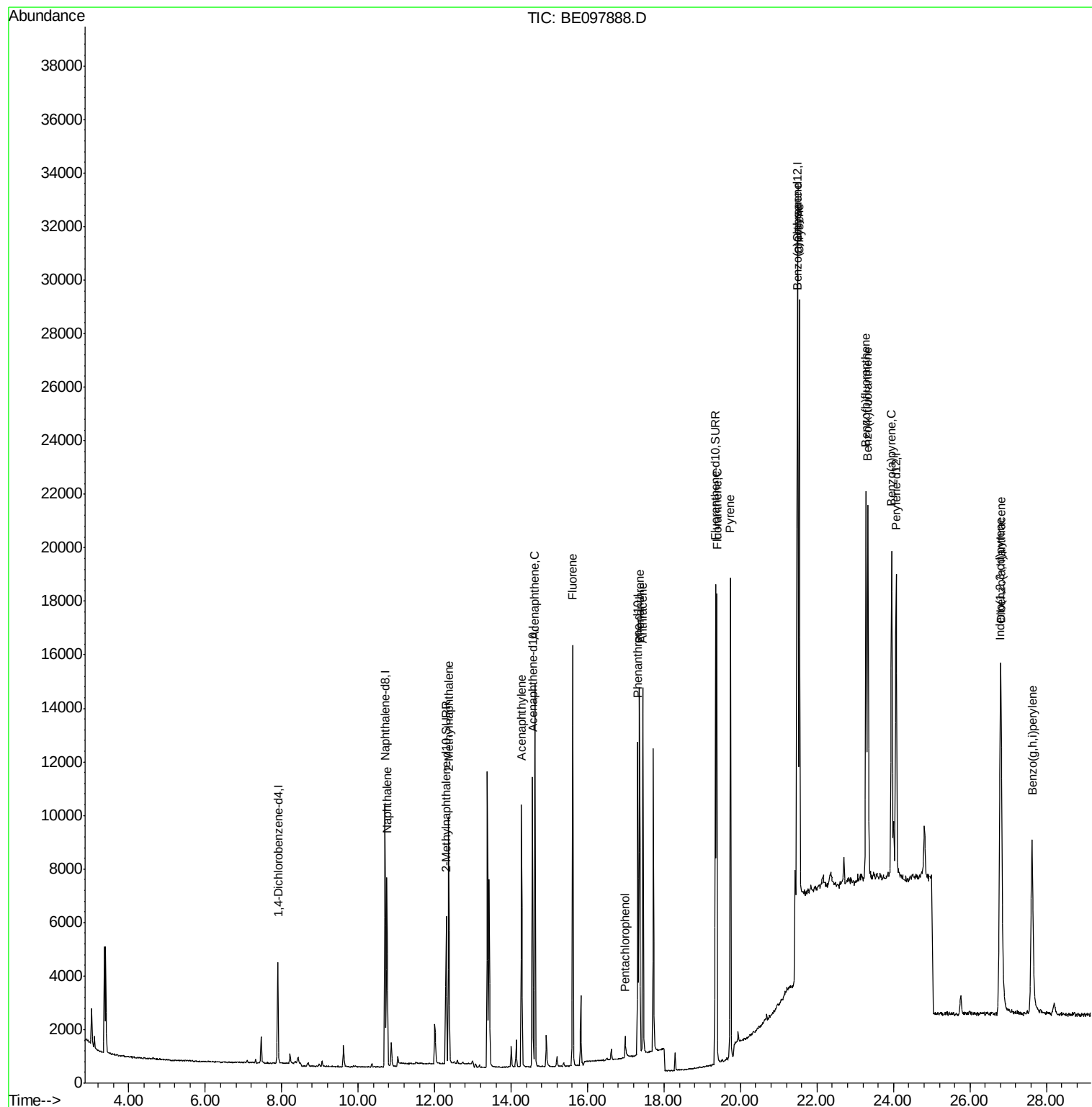
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1937	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10029	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	6295	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	14591	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	16037	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	16023	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	7383	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.35	212	20244	0.43	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	10639	0.436	ng/ul	98
5) 2-Methylnaphthalene	12.37	142	7674	0.435	ng/ul	100
7) Acenaphthylene	14.27	152	11243	0.472	ng/ul	98
8) Acenaphthene	14.62	153	8179	0.443	ng/ul	96
9) Fluorene	15.61	166	9652	0.400	ng/ul	99
11) Pentachlorophenol	16.98	266	560	0.272	ng/ul	90
12) Phenanthrene	17.36	178	15289	0.443	ng/ul	99
13) Anthracene	17.44	178	15105	0.472	ng/ul	100
15) Fluoranthene	19.38	202	19692	0.444	ng/ul	98
17) Pyrene	19.74	202	24136	0.505	ng/ul	99
18) Benzo(a)anthracene	21.48	228	25480	0.525	ng/ul	95
19) Chrysene	21.54	228	21736	0.499	ng/ul	94
21) Benzo(b)fluoranthene	23.28	252	20803	0.486	ng/ul#	86
22) Benzo(k)fluoranthene	23.33	252	19785	0.432	ng/ul#	81
23) Benzo(a)pyrene	23.95	252	20084	0.478	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.79	276	22389	0.469	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.82	278	18932	0.480	ng/ul#	81
26) Benzo(g,h,i)perylene	27.63	276	18180	0.437	ng/ul#	84

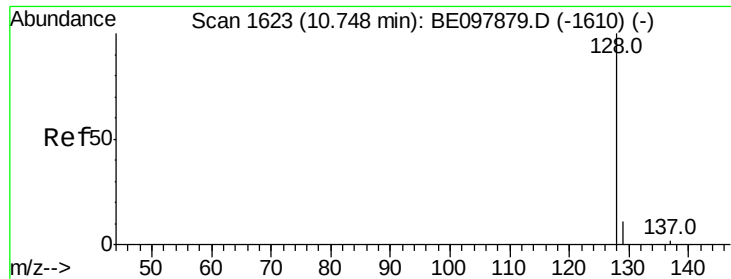
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

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#3

Naphthalene

Concen: 0.436 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

Instrument :

BNA_E

ClientSampleId :

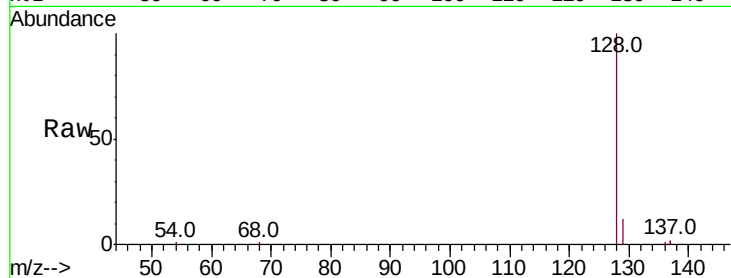
Tot Ion:128 Resp: 10639

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

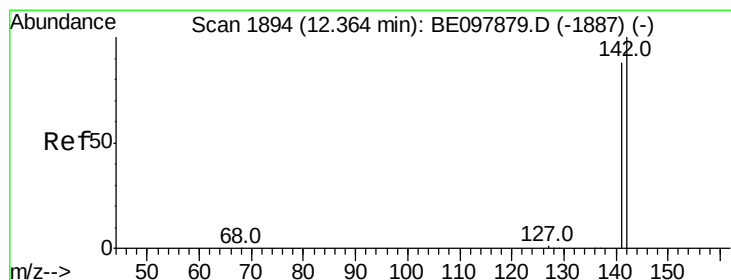
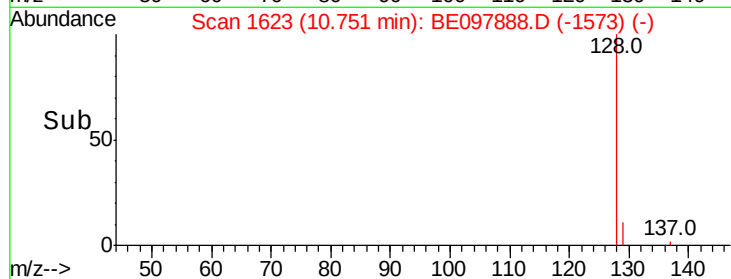
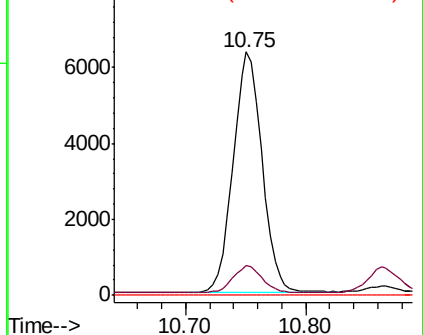
127 0.0 0.0 0.0



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: 0.435 ng/ul

RT: 12.37 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BE097888.D

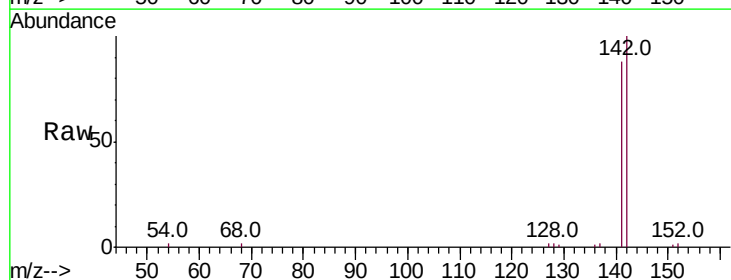
Acq: 12 Oct 2018 20:40

Tgt Ion:142 Resp: 7674

Ion Ratio Lower Upper

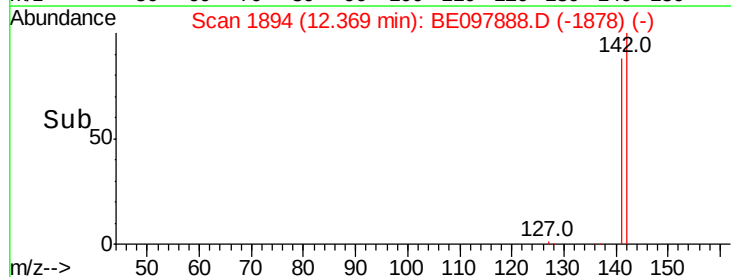
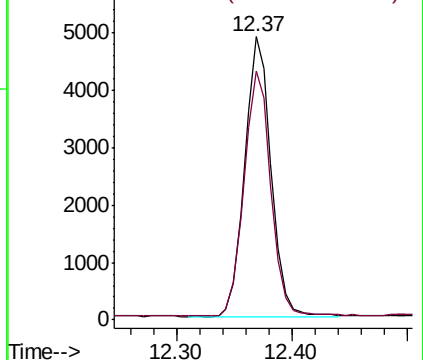
142 100

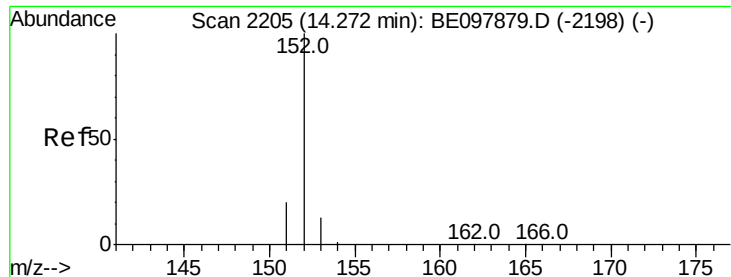
141 89.2 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.472 ng/ul

RT: 14.27 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

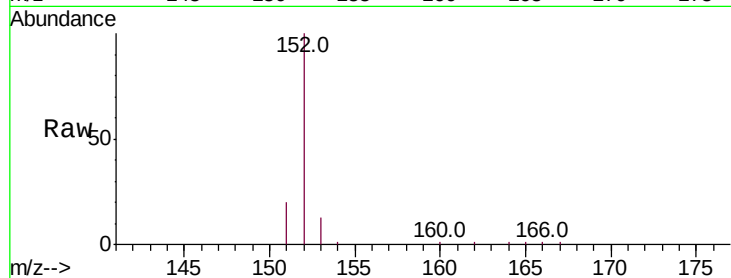
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 11243

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.0	22.6
153	13.4	10.5	15.7

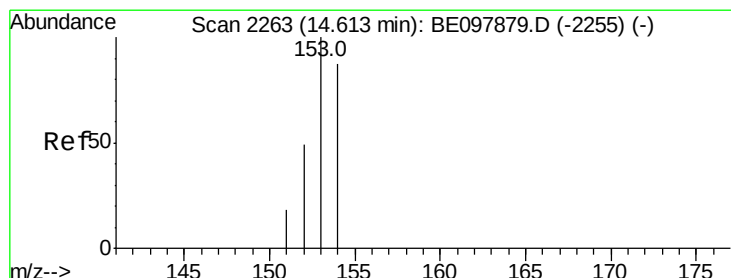
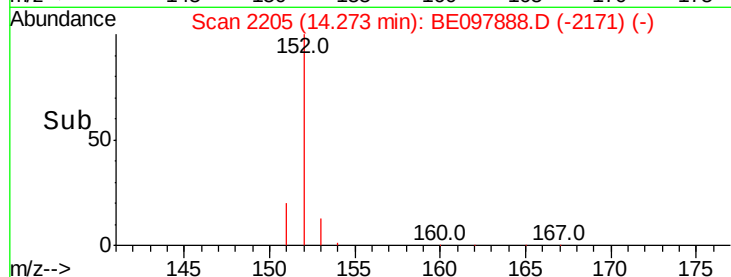
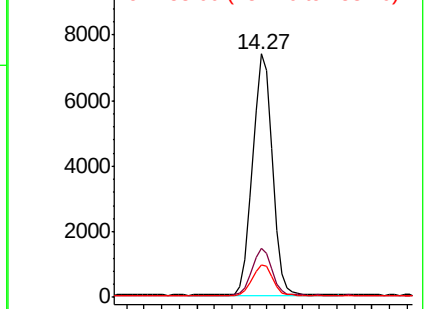


Abundance

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: 0.443 ng/ul

RT: 14.62 min Scan# 2264

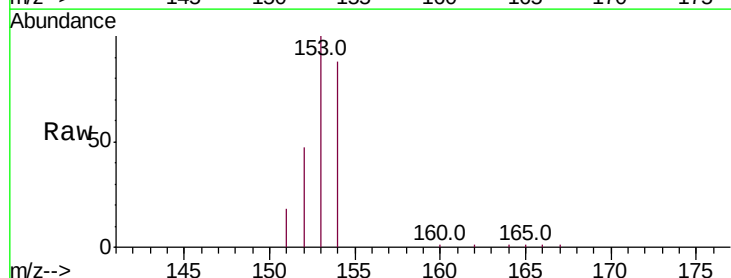
Delta R.T. 0.01 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

Tgt Ion:153 Resp: 8179

Ion	Ratio	Lower	Upper
153	100		
152	47.2	41.2	61.8
154	88.0	68.6	103.0

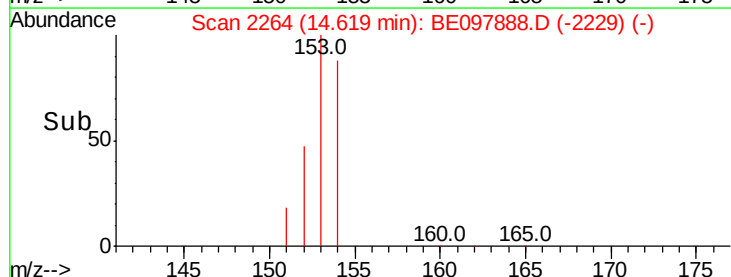
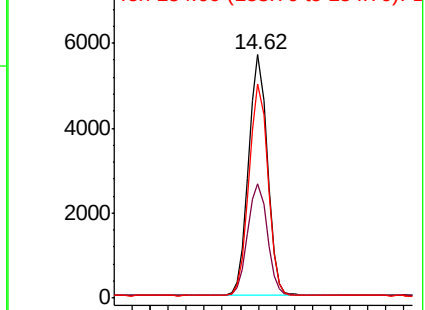


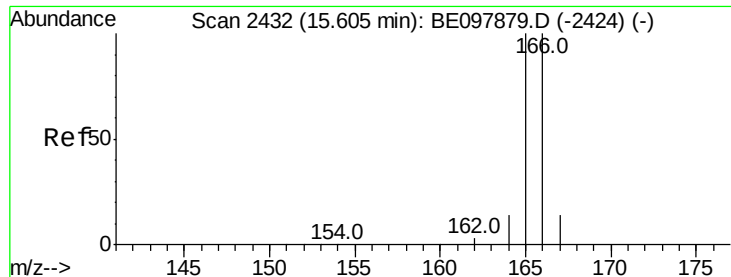
Abundance

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: 0.400 ng/ul

RT: 15.61 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

Instrument :

BNA_E

ClientSampleId :

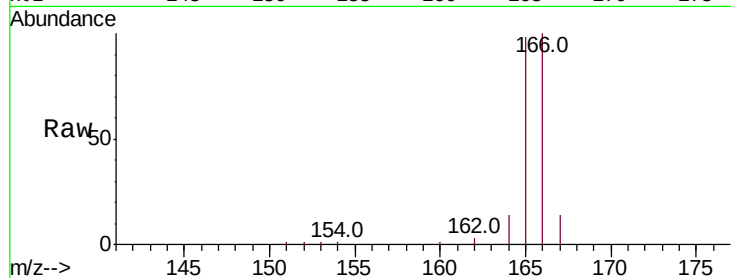
Tot Ion:166 Resp: 9652

Ion Ratio Lower Upper

166 100

165 98.3 79.2 118.8

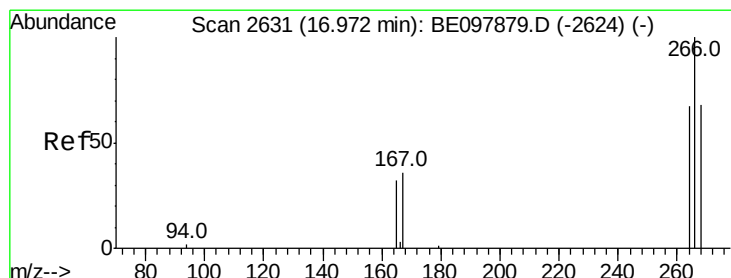
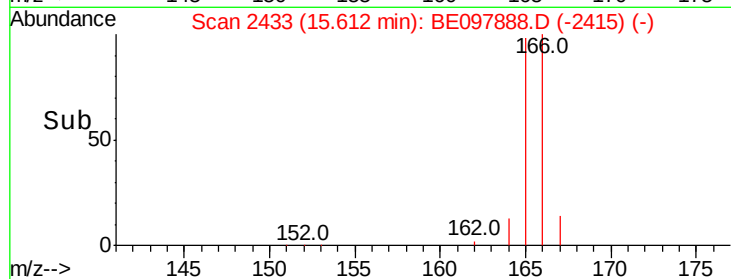
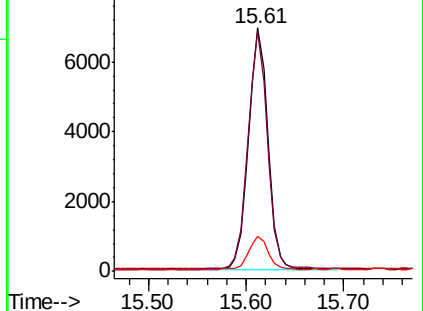
167 14.5 11.3 16.9



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: 0.272 ng/ul

RT: 16.98 min Scan# 2632

Delta R.T. 0.01 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

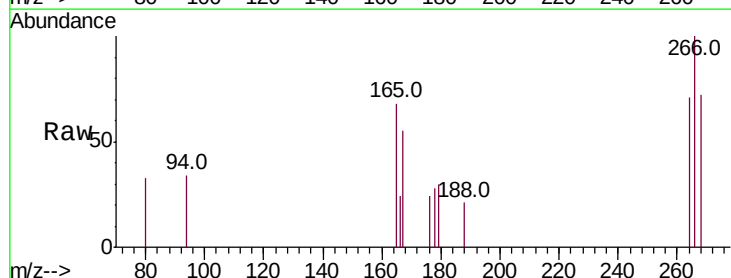
Tgt Ion:266 Resp: 560

Ion Ratio Lower Upper

266 100

264 70.4 49.8 74.8

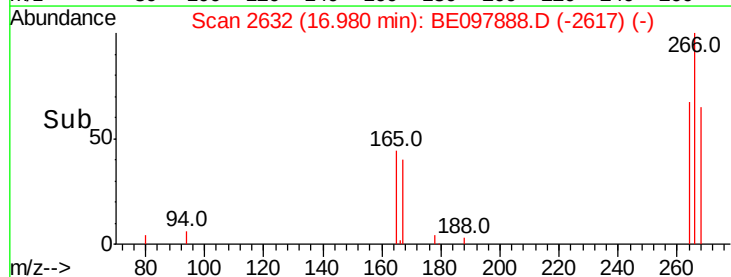
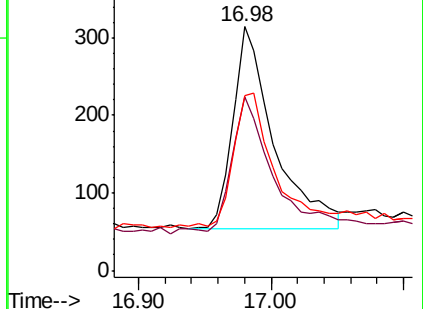
268 68.4 48.4 72.6

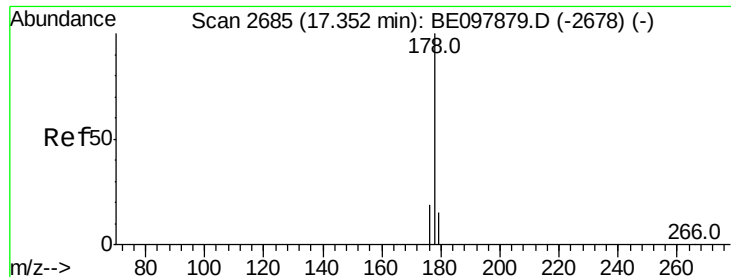


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.443 ng/ul

RT: 17.36 min Scan# 2686

Delta R.T. 0.01 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

Instrument :

BNA_E

ClientSampleId :

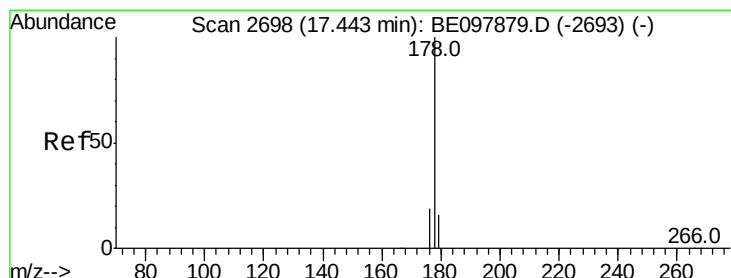
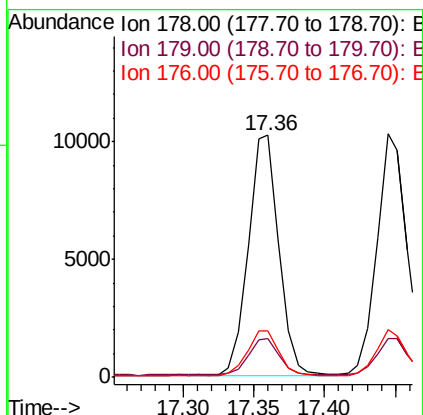
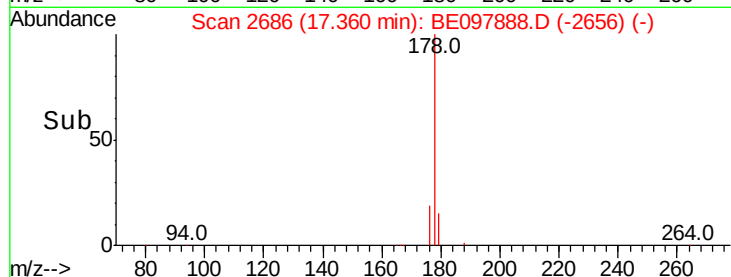
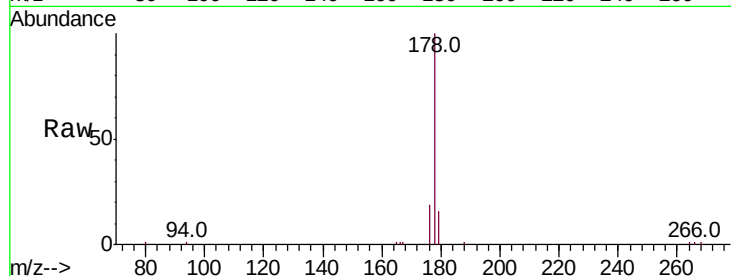
Tot Ion:178 Resp: 15289

Ion Ratio Lower Upper

178 100

179 16.3 12.8 19.2

176 19.4 14.9 22.3



#13

Anthracene

Concen: 0.472 ng/ul

RT: 17.44 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

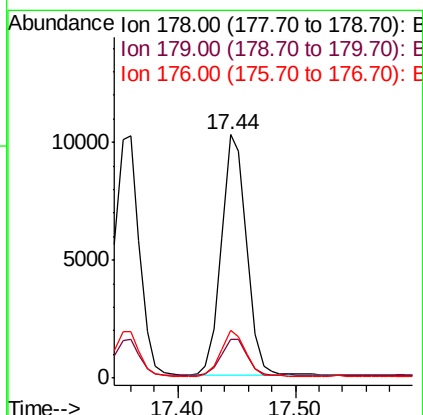
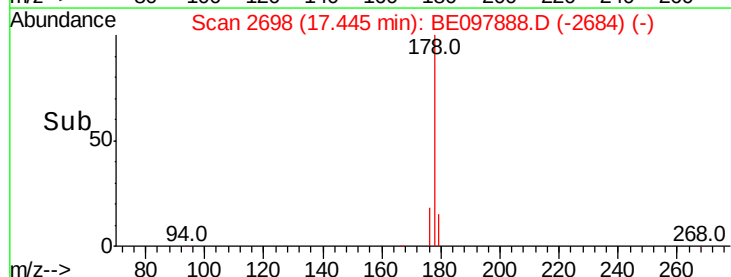
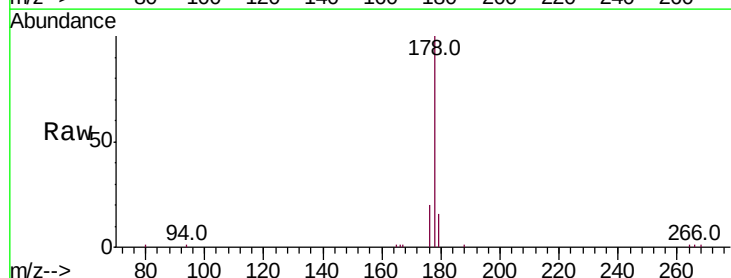
Tgt Ion:178 Resp: 15105

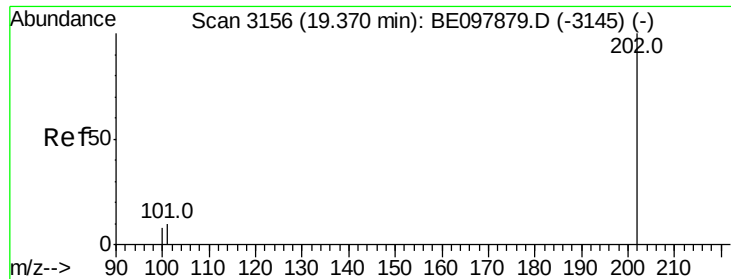
Ion Ratio Lower Upper

178 100

179 15.9 12.9 19.3

176 19.5 15.5 23.3





#15

Fluoranthene

Concen: 0.444 ng/ul

RT: 19.38 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

Instrument :

BNA_E

ClientSampleId :

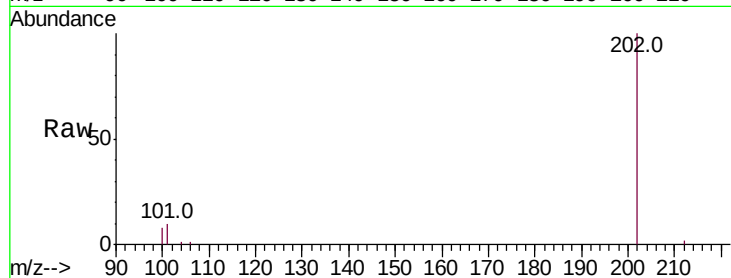
Tot Ion:202 Resp: 19692

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

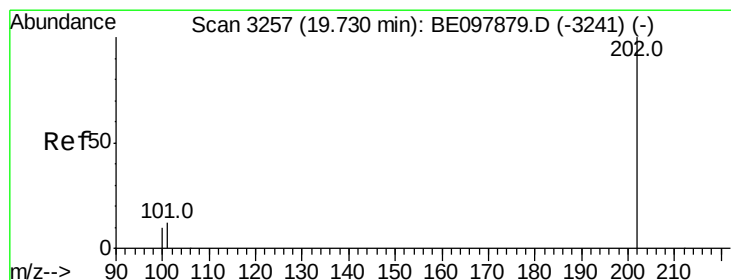
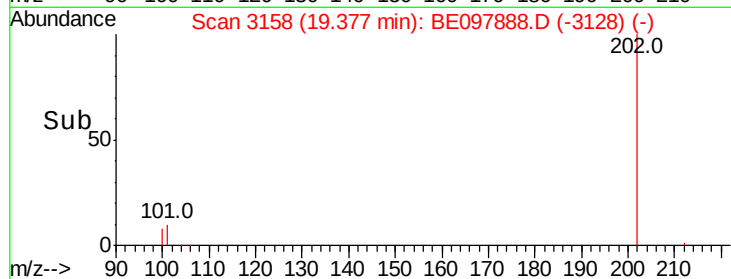
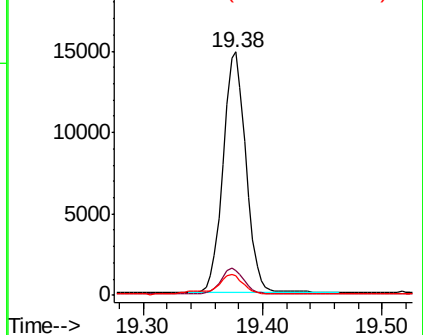
100 8.1 0.0 27.5



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: 0.505 ng/ul

RT: 19.74 min Scan# 3259

Delta R.T. 0.01 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

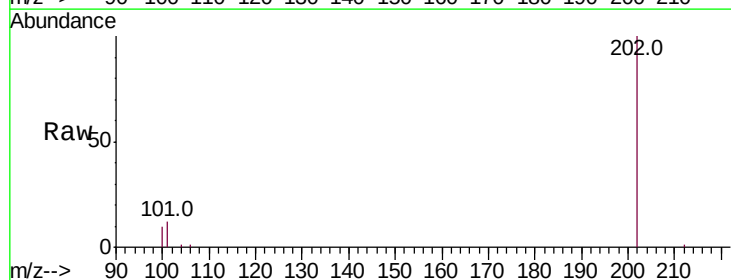
Tgt Ion:202 Resp: 24136

Ion Ratio Lower Upper

202 100

101 11.9 8.8 13.2

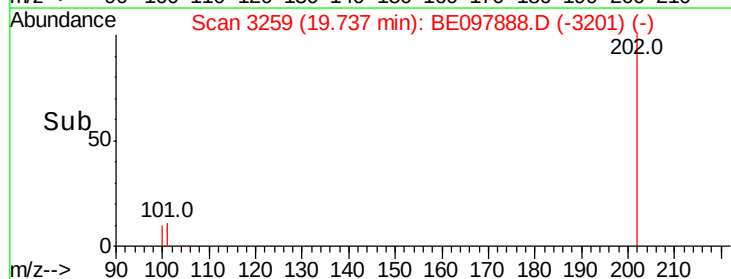
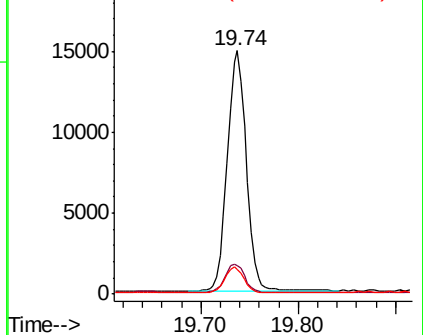
100 10.1 7.9 11.9

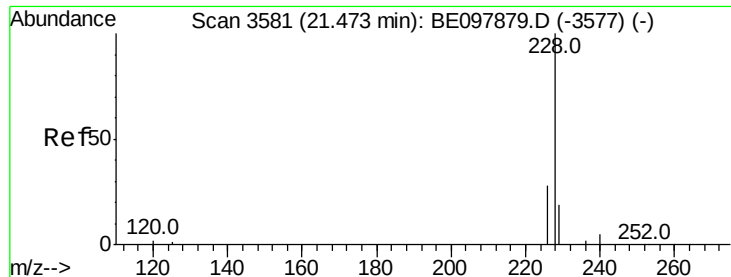


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.525 ng/ul

RT: 21.48 min Scan# 3583

Delta R.T. 0.01 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

Instrument :

BNA_E

ClientSampleId :

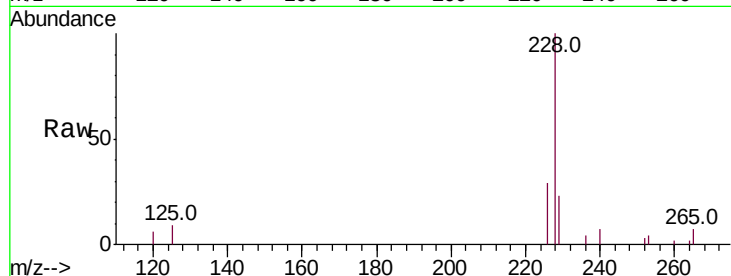
Tot Ion:228 Resp: 25480

Ion Ratio Lower Upper

228 100

229 22.9 16.4 24.6

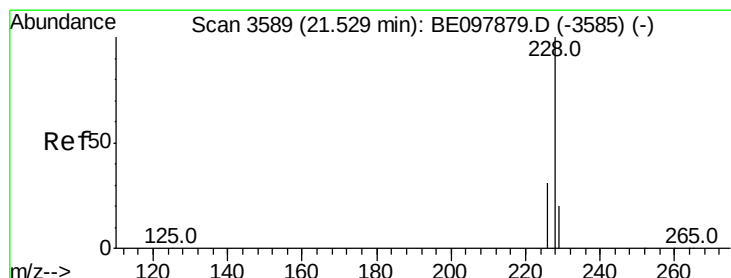
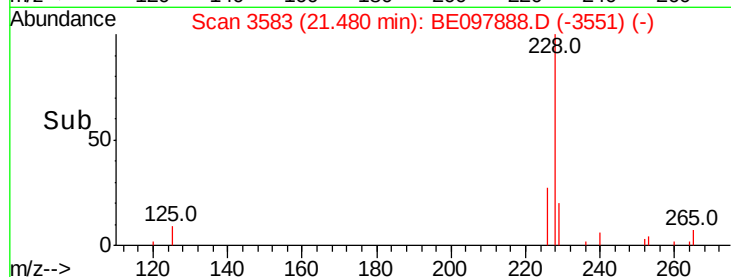
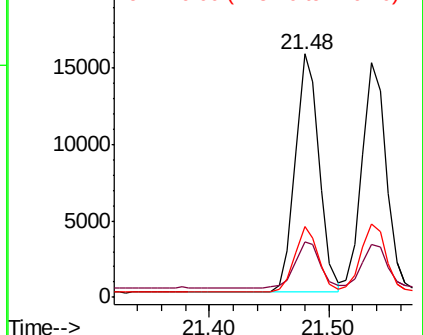
226 29.3 21.5 32.3



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: 0.499 ng/ul

RT: 21.54 min Scan# 3591

Delta R.T. 0.01 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

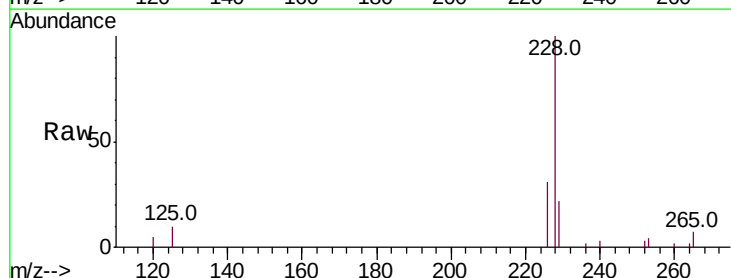
Tgt Ion:228 Resp: 21736

Ion Ratio Lower Upper

228 100

226 31.5 23.0 34.4

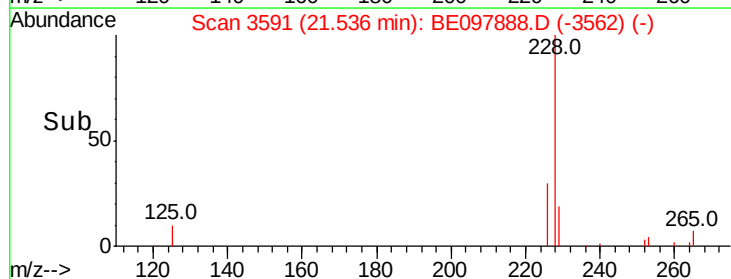
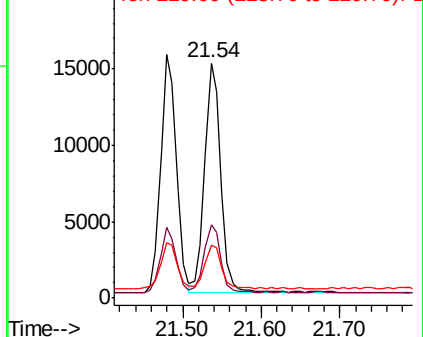
229 22.4 15.5 23.3

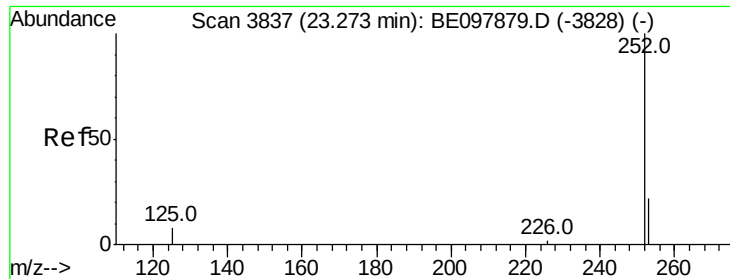


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.486 ng/ul

RT: 23.28 min Scan# 3839

Delta R.T. 0.01 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

Instrument :

BNA_E

ClientSampleId :

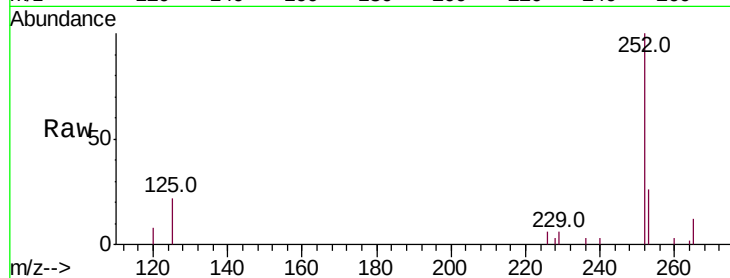
Tot Ion:252 Resp: 20803

Ion Ratio Lower Upper

252 100

253 26.4 0.0 47.0

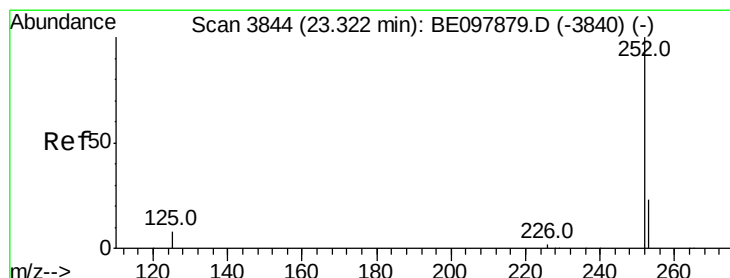
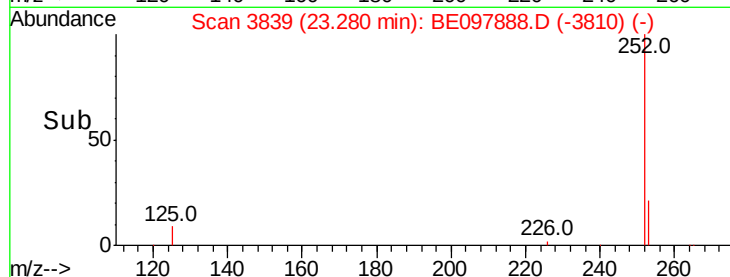
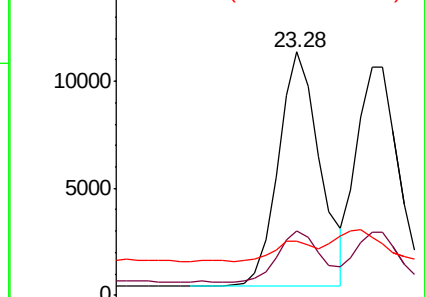
125 22.2 0.0 18.2#



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: 0.432 ng/ul

RT: 23.33 min Scan# 3846

Delta R.T. 0.01 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

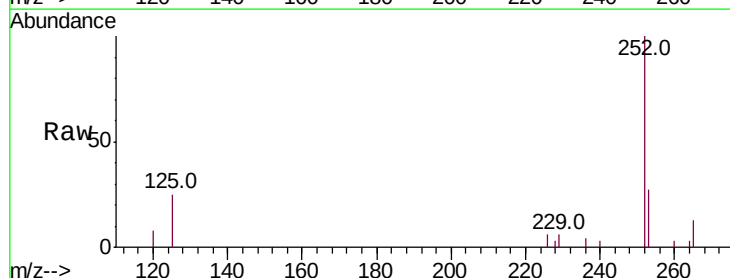
Tgt Ion:252 Resp: 19785

Ion Ratio Lower Upper

252 100

253 27.4 17.8 26.6#

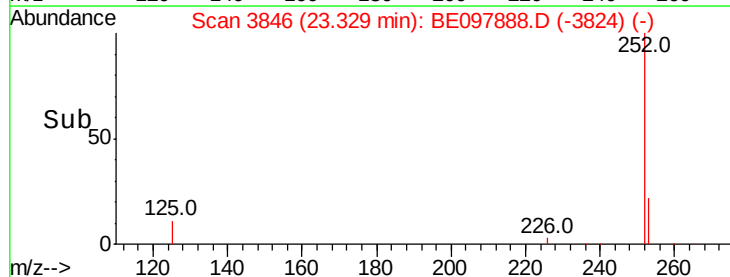
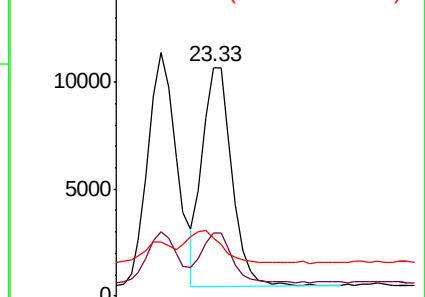
125 25.3 9.4 14.0#

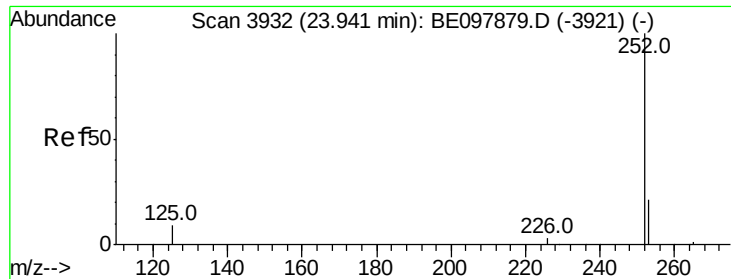


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.478 ng/ul

RT: 23.95 min Scan# 3935

Delta R.T. 0.01 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

Instrument :

BNA_E

ClientSampleId :

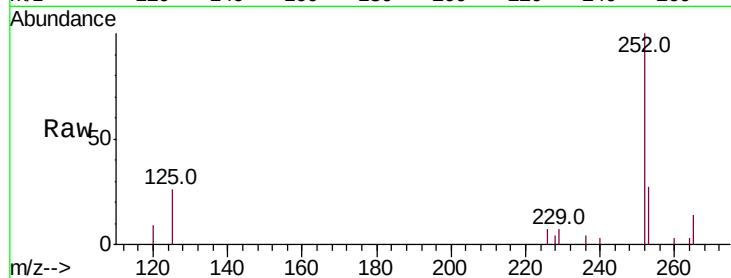
Tot Ion:252 Resp: 20084

Ion Ratio Lower Upper

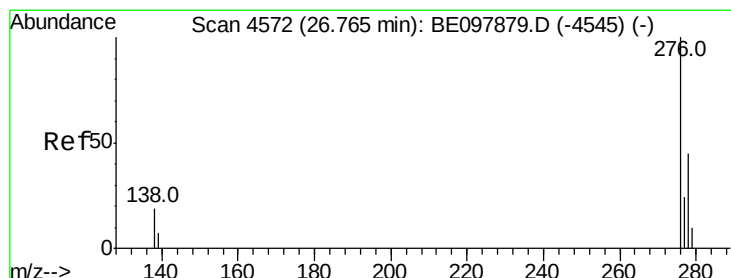
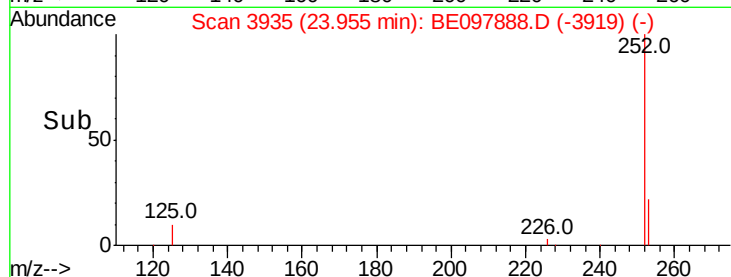
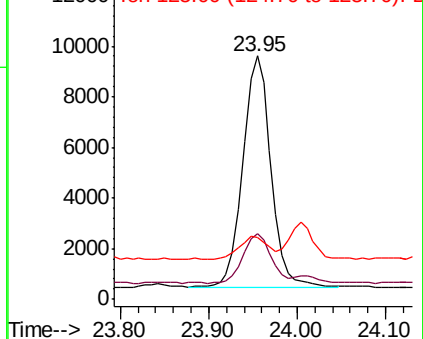
252 100

253 27.2 18.2 27.4

125 25.6 8.3 12.5#



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: 0.469 ng/ul

RT: 26.79 min Scan# 4579

Delta R.T. 0.02 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

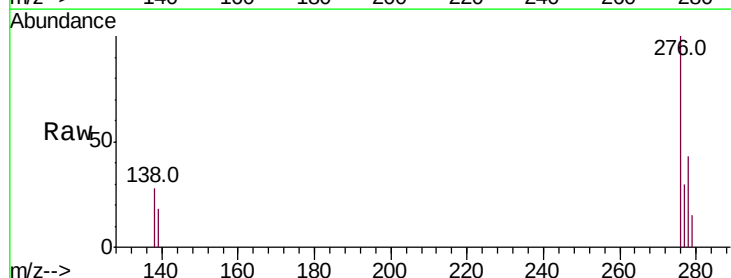
Tgt Ion:276 Resp: 22389

Ion Ratio Lower Upper

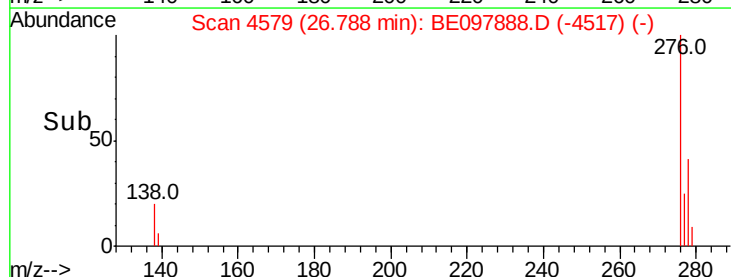
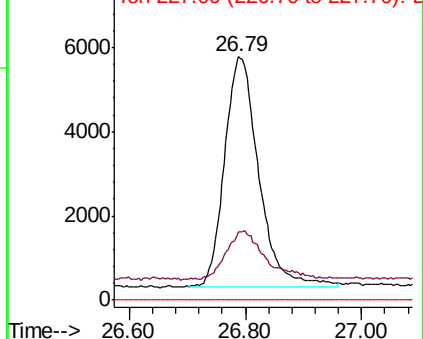
276 100

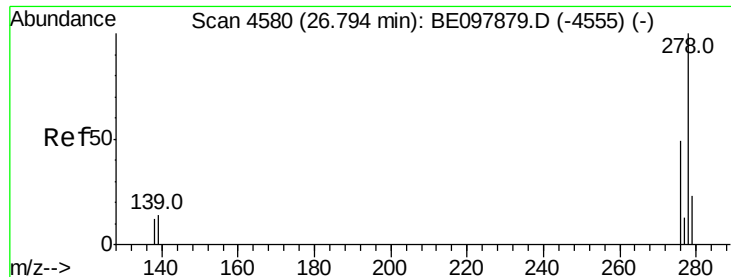
138 23.8 0.0 0.0#

227 0.0 0.0 0.0



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: 0.480 ng/ul

RT: 26.82 min Scan# 4587

Delta R.T. 0.02 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

Instrument :

BNA_E

ClientSampleId :

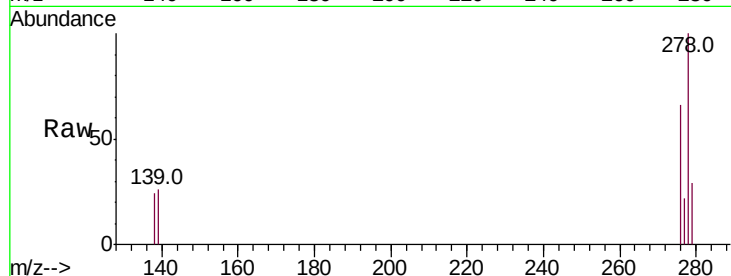
Tot Ion:278 Resp: 18932

Ion Ratio Lower Upper

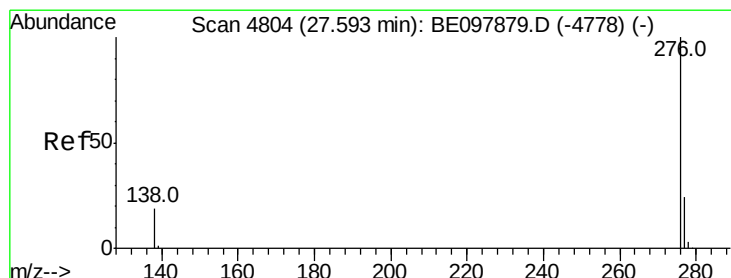
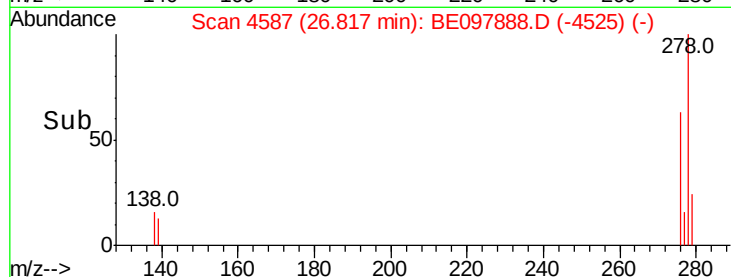
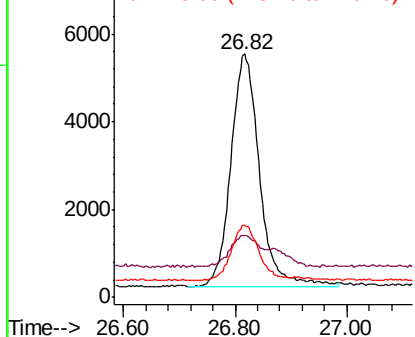
278 100

139 25.6 10.9 16.3#

279 29.4 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.437 ng/ul

RT: 27.63 min Scan# 4814

Delta R.T. 0.03 min

Lab File: BE097888.D

Acq: 12 Oct 2018 20:40

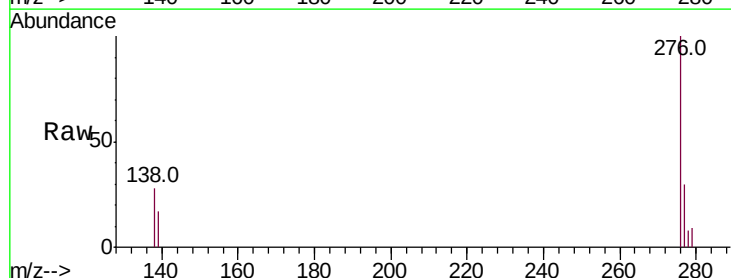
Tgt Ion:276 Resp: 18180

Ion Ratio Lower Upper

276 100

138 28.4 14.3 21.5#

277 29.7 19.5 29.3#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

