

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097209.D
 Acq On : 4 Aug 2018 19:52
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 06 00:56:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration

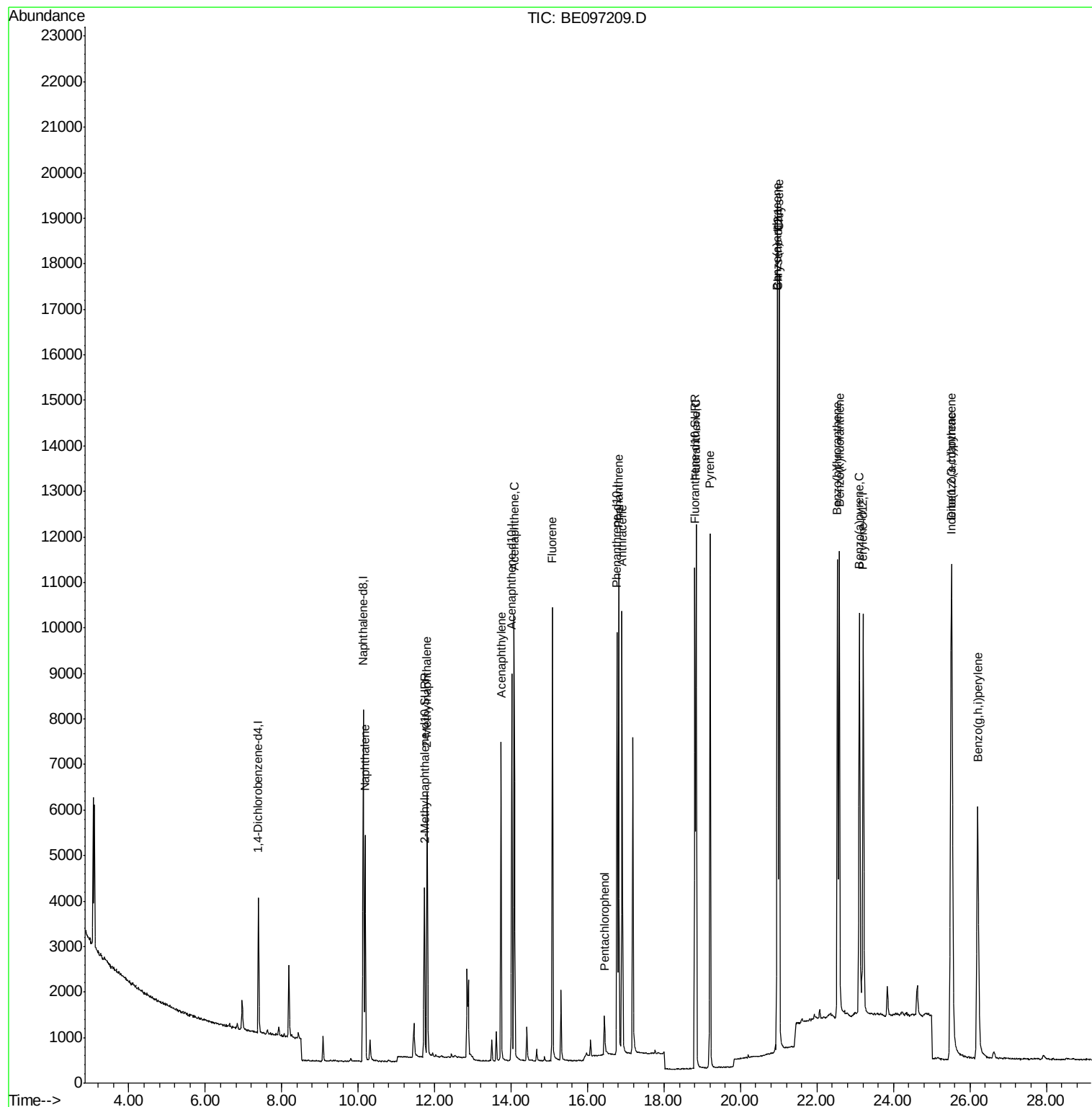
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1437	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7946	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4709	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11005	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11489	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11851	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	5171	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	12890	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	7422	0.386	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	5126	0.403	ng/ul	98
7) Acenaphthylene	13.73	152	7997	0.393	ng/ul	97
8) Acenaphthene	14.08	153	5705	0.387	ng/ul	93
9) Fluorene	15.08	166	6495	0.384	ng/ul#	91
11) Pentachlorophenol	16.44	266	543	0.344	ng/ul	97
12) Phenanthrene	16.81	178	10831	0.386	ng/ul#	88
13) Anthracene	16.90	178	10526	0.402	ng/ul#	92
15) Fluoranthene	18.84	202	12715	0.343	ng/ul	84
17) Pyrene	19.20	202	12770	0.415	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	13210	0.402	ng/ul#	84
19) Chrysene	21.01	228	13239	0.391	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	12709	0.393	ng/ul	84
22) Benzo(k)fluoranthene	22.58	252	13744	0.395	ng/ul#	89
23) Benzo(a)pyrene	23.11	252	12928	0.400	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.51	276	16180	0.400	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.53	278	13462	0.407	ng/ul#	90
26) Benzo(g,h,i)perylene	26.21	276	13524	0.387	ng/ul#	92

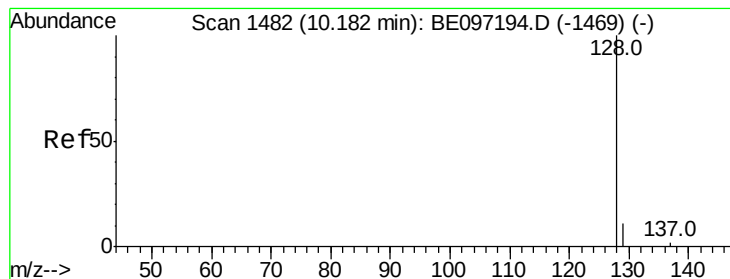
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 06 00:53:27 2018
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#3

Naphthalene

Concen: 0.386 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

Instrument :

BNA_E

ClientSampleId :

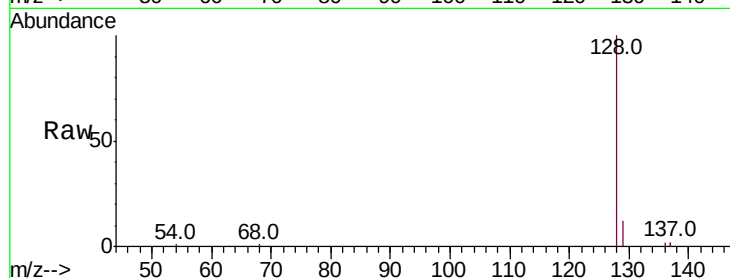
Tot Ion:128 Resp: 7422

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

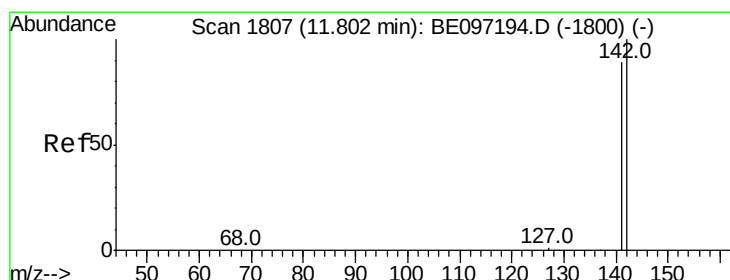
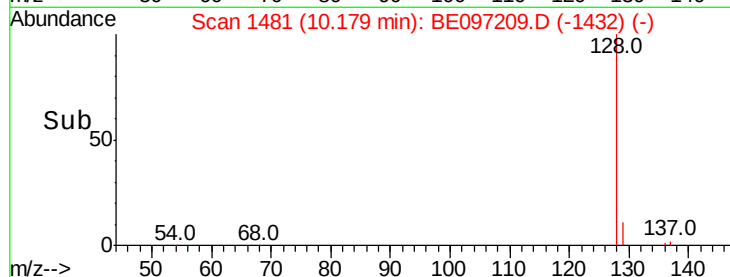
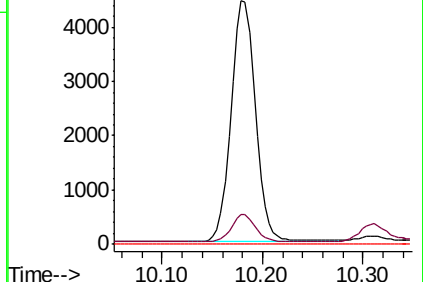
127 0.0 4.0 6.0#



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: 0.403 ng/ul

RT: 11.80 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BE097209.D

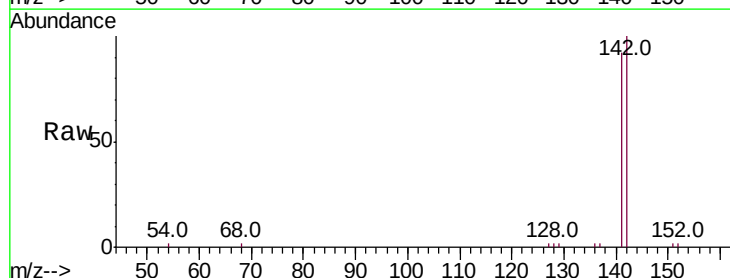
Acq: 4 Aug 2018 19:52

Tgt Ion:142 Resp: 5126

Ion Ratio Lower Upper

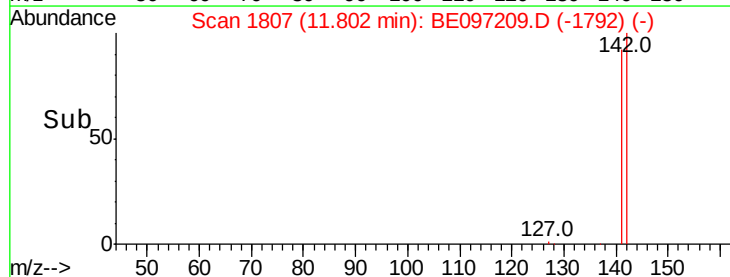
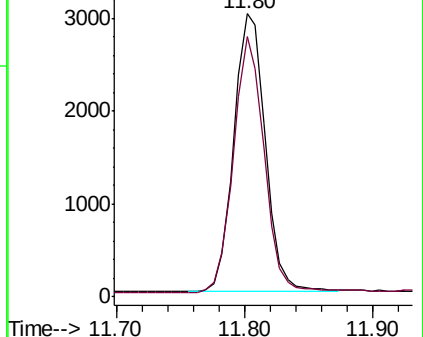
142 100

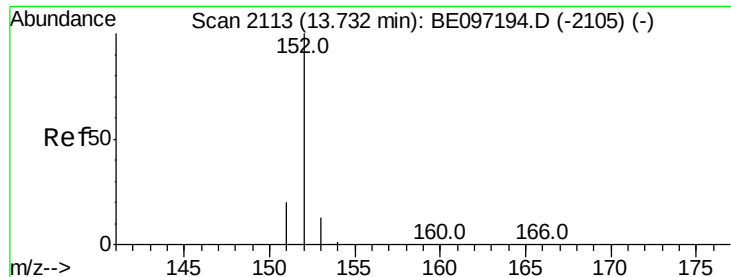
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.393 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

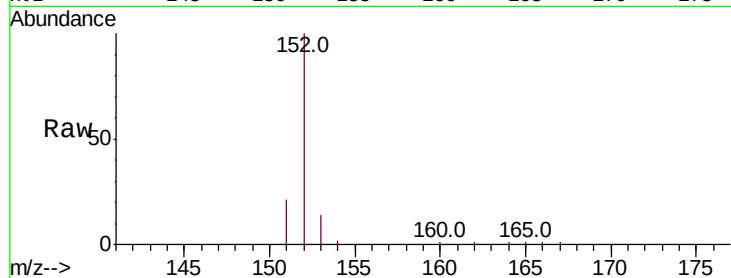
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 7997

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.1	25.7
153	13.9	12.8	19.2

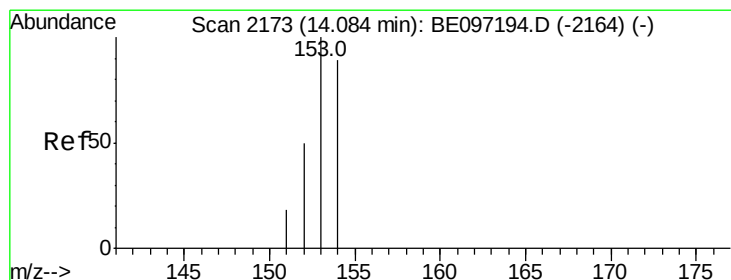
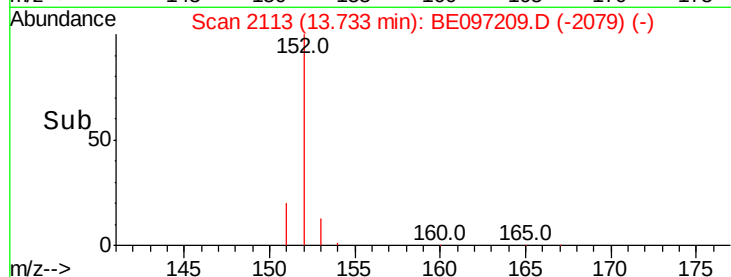
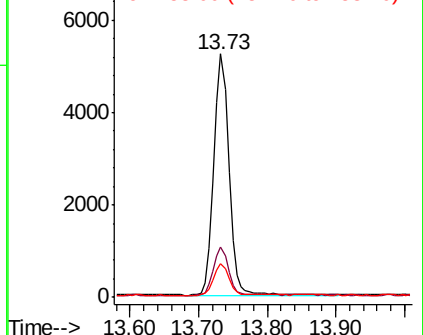


Abundance

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: 0.387 ng/ul

RT: 14.08 min Scan# 2172

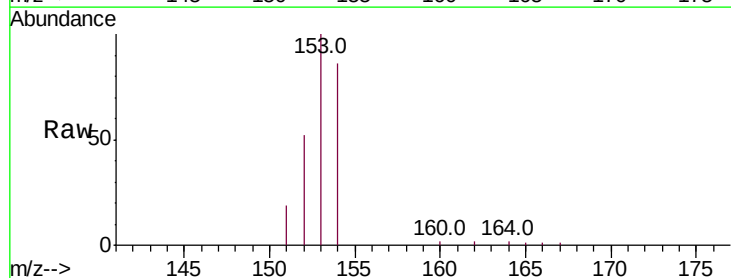
Delta R.T. -0.01 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

Tgt Ion:153 Resp: 5705

Ion	Ratio	Lower	Upper
153	100		
152	52.5	36.0	54.0
154	86.2	72.0	108.0

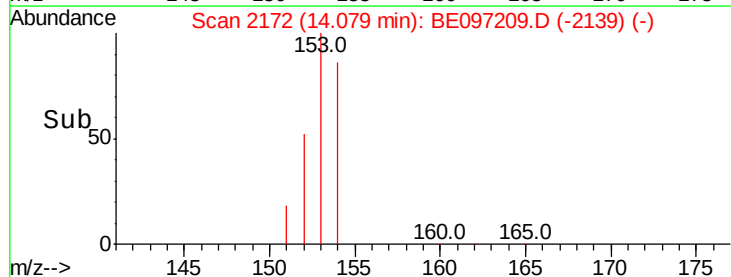
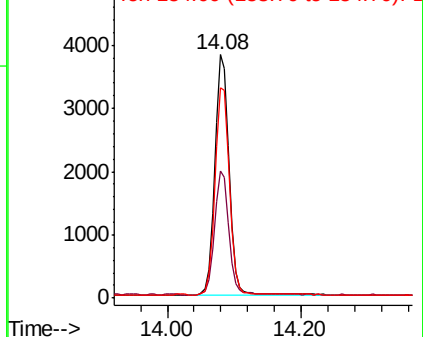


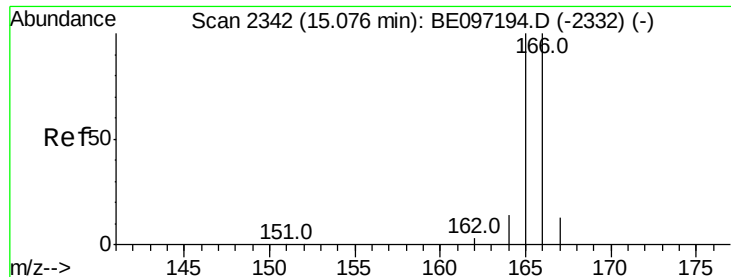
Abundance

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: 0.384 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

Instrument :

BNA_E

ClientSampleId :

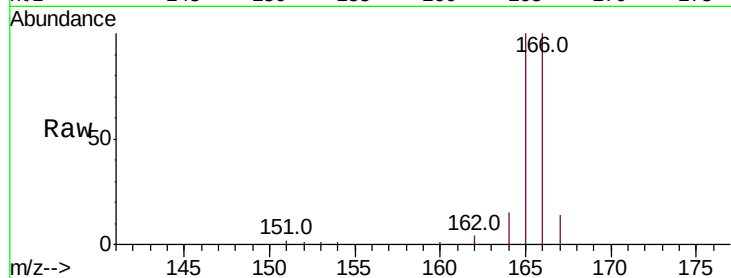
Tot Ion:166 Resp: 6495

Ion Ratio Lower Upper

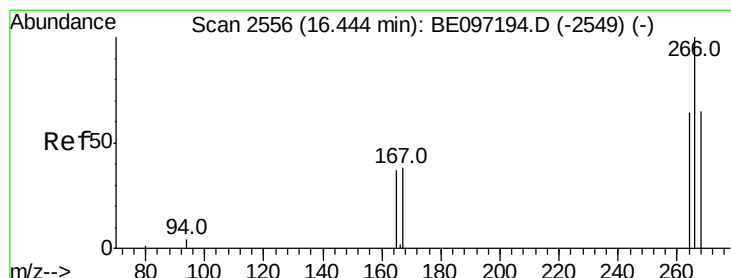
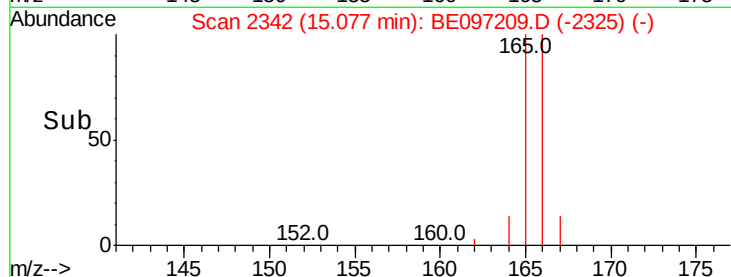
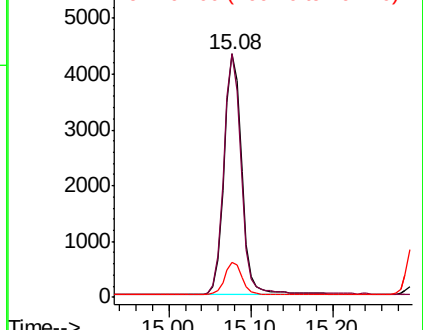
166 100

165 100.0 73.4 110.2

167 14.5 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: 0.344 ng/ul

RT: 16.44 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

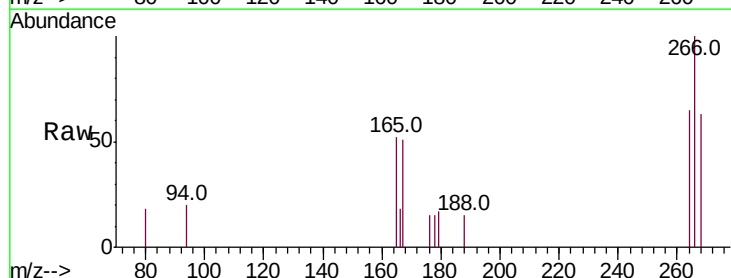
Tgt Ion:266 Resp: 543

Ion Ratio Lower Upper

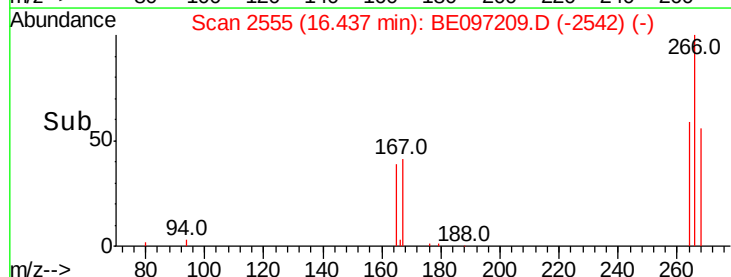
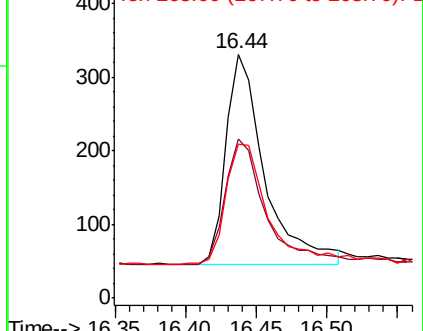
266 100

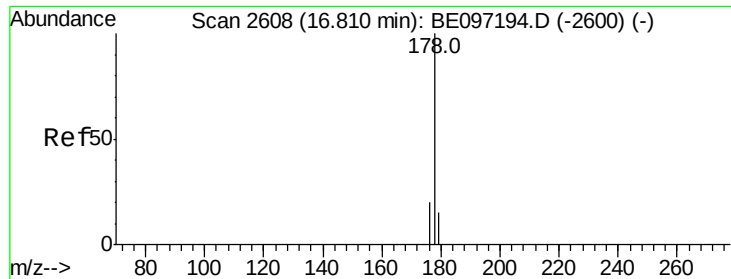
264 63.0 47.9 71.9

268 63.9 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: 0.386 ng/ul

RT: 16.81 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

Instrument :

BNA_E

ClientSampleId :

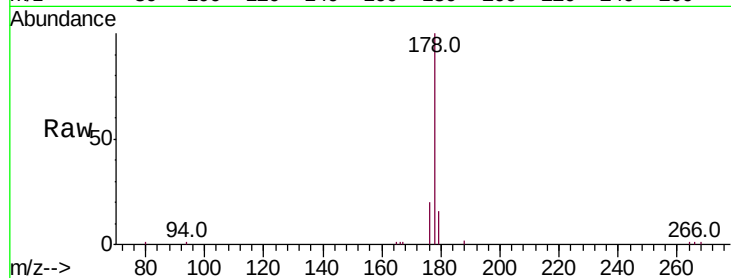
Tot Ion:178 Resp: 10831

Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

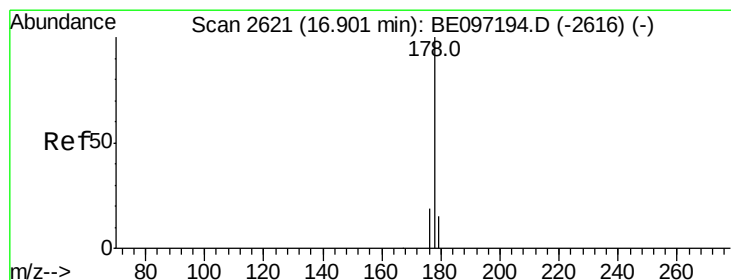
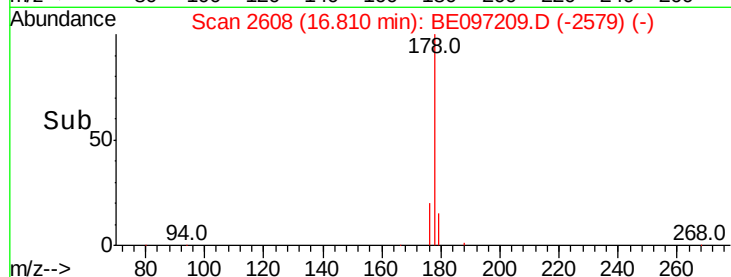
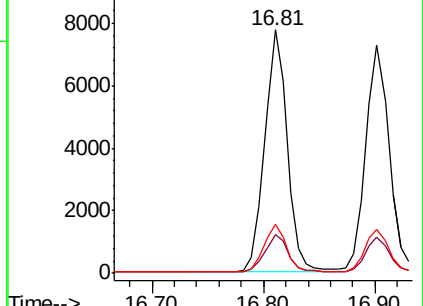
176 20.2 13.6 20.4



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



#13

Anthracene

Concen: 0.402 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

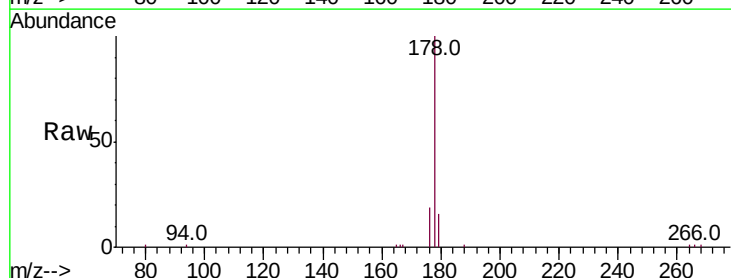
Tgt Ion:178 Resp: 10526

Ion Ratio Lower Upper

178 100

179 16.1 18.1 27.1#

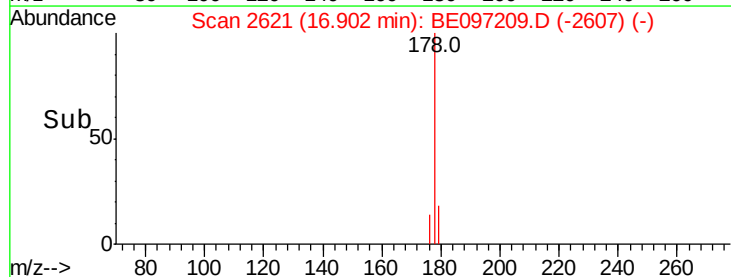
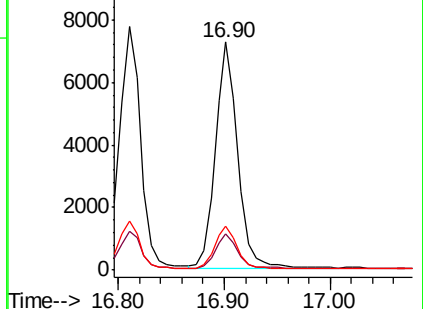
176 19.5 14.7 22.1

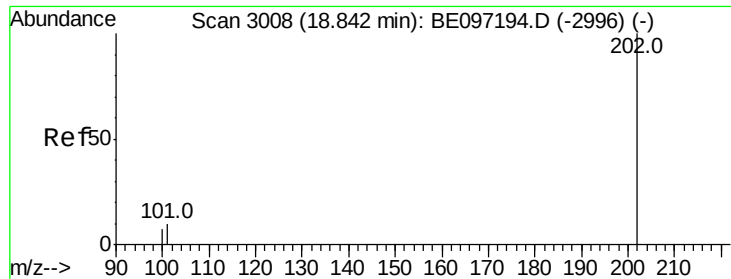


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.343 ng/ul

RT: 18.84 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

Instrument :

BNA_E

ClientSampleId :

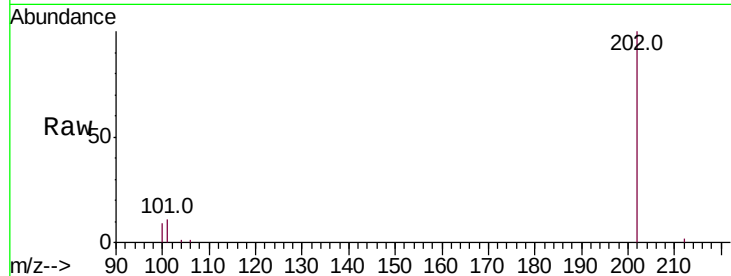
Tot Ion:202 Resp: 12715

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.3

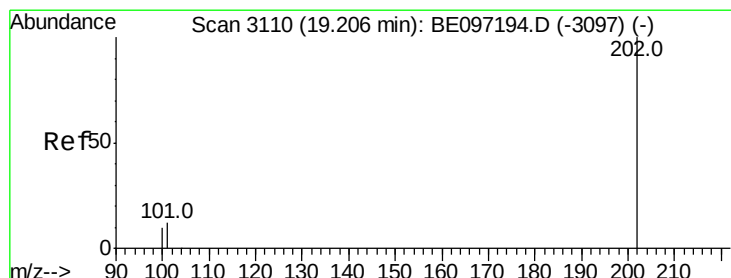
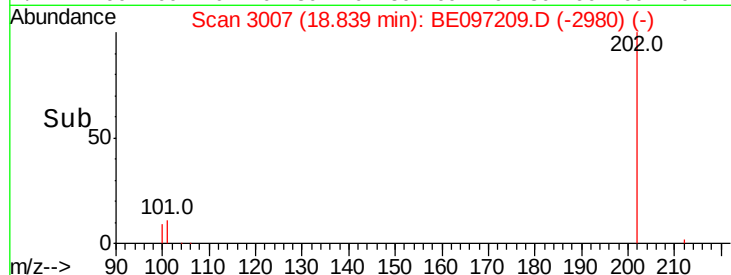
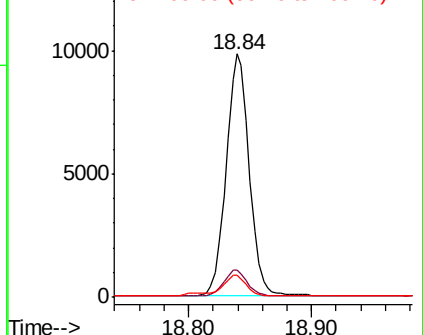
100 9.2 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.415 ng/ul

RT: 19.20 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

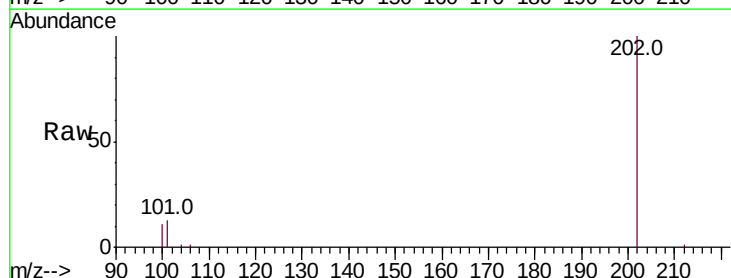
Tgt Ion:202 Resp: 12770

Ion Ratio Lower Upper

202 100

101 12.6 18.2 27.4#

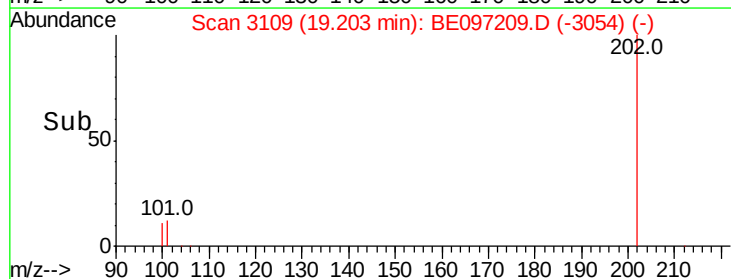
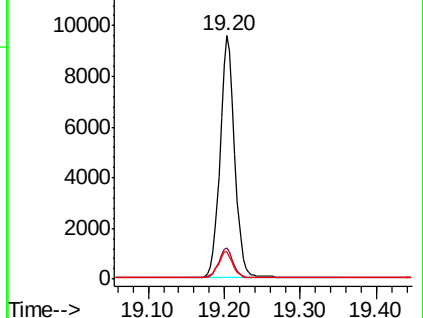
100 11.0 15.6 23.4#

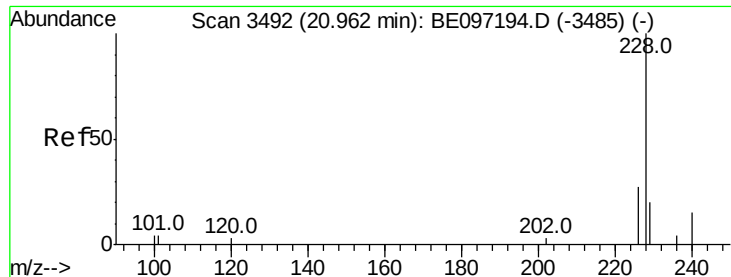


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.402 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. -0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

Instrument :

BNA_E

ClientSampleId :

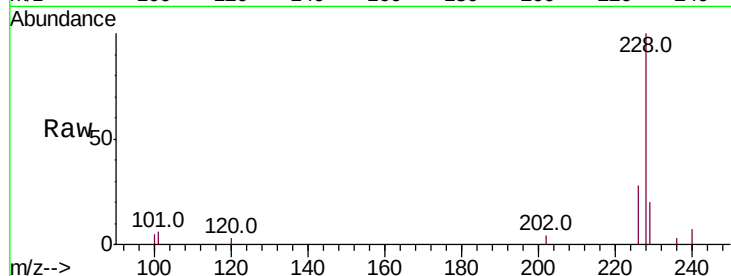
Tot Ion:228 Resp: 13210

Ion Ratio Lower Upper

228 100

229 19.7 22.8 34.2#

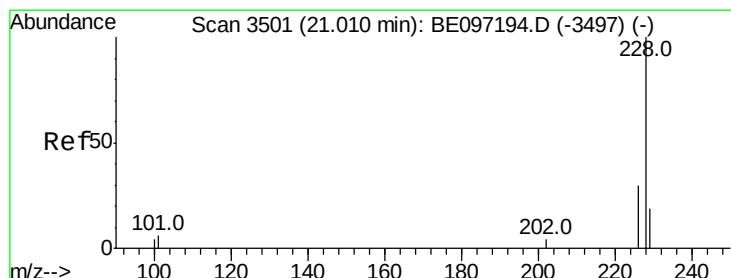
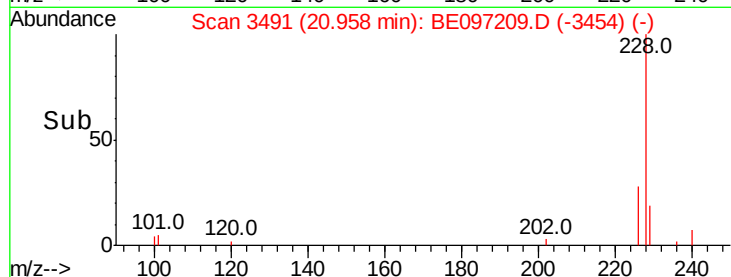
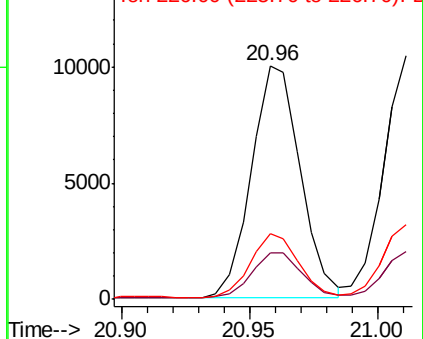
226 28.1 17.0 25.6#



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: 0.391 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

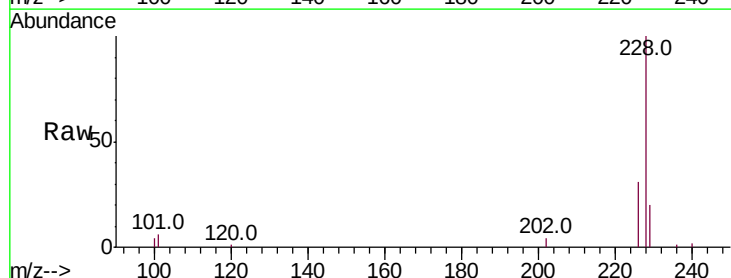
Tgt Ion:228 Resp: 13239

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

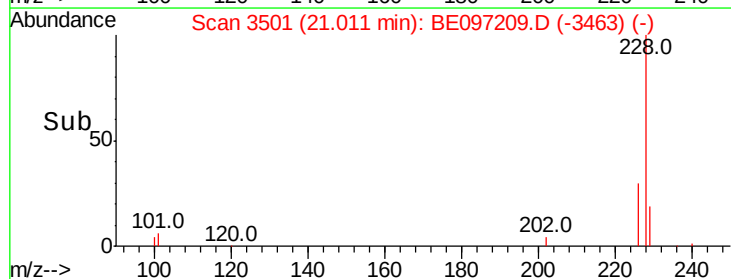
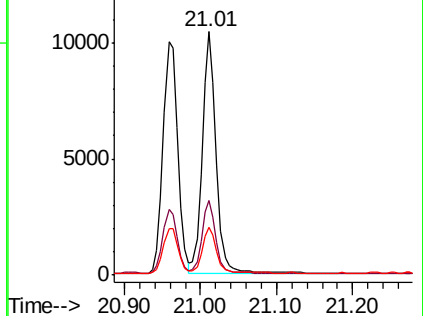
229 19.8 17.7 26.5

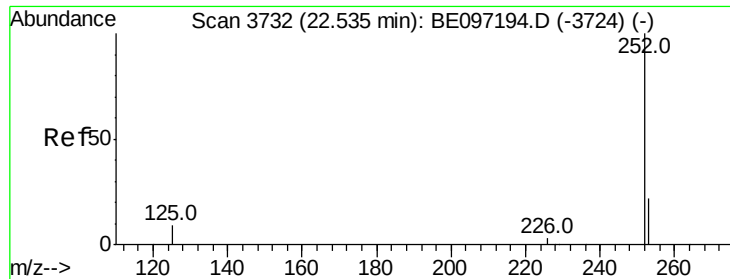


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.393 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

Instrument :

BNA_E

ClientSampleId :

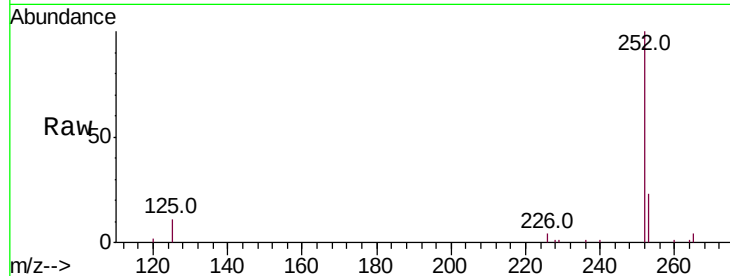
Tot Ion:252 Resp: 12709

Ion Ratio Lower Upper

252 100

253 23.2 0.0 64.2

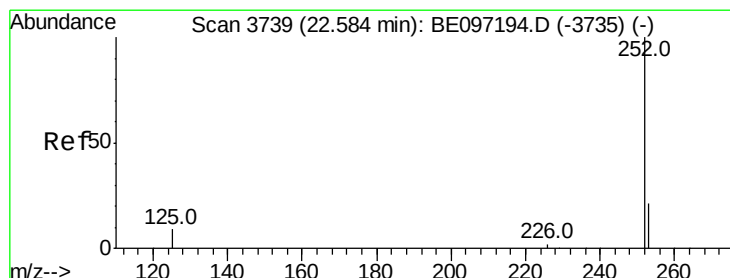
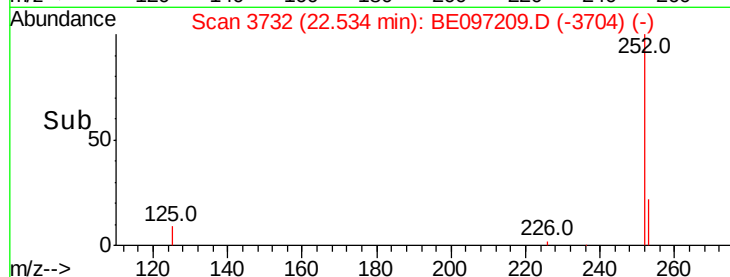
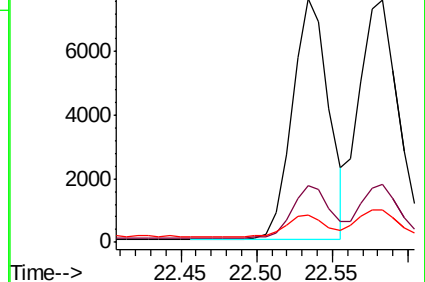
125 11.0 0.0 35.0



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: 0.395 ng/ul

RT: 22.58 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

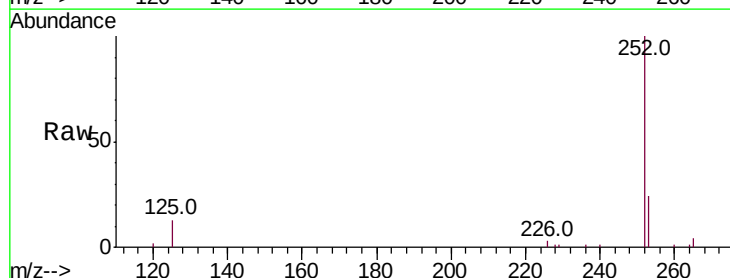
Tgt Ion:252 Resp: 13744

Ion Ratio Lower Upper

252 100

253 24.1 24.5 36.7#

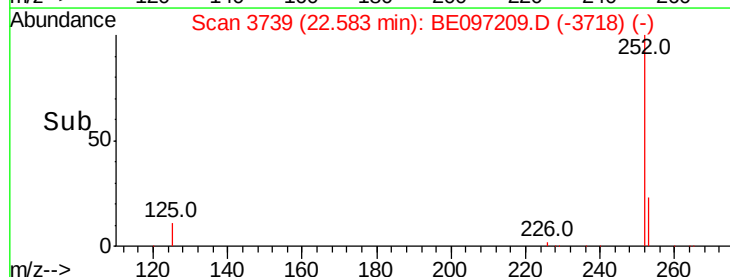
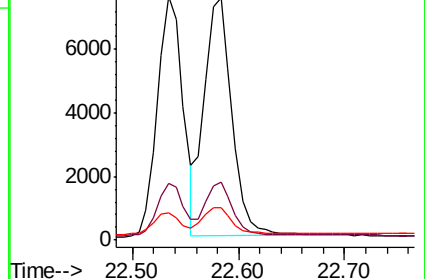
125 13.3 13.7 20.5#

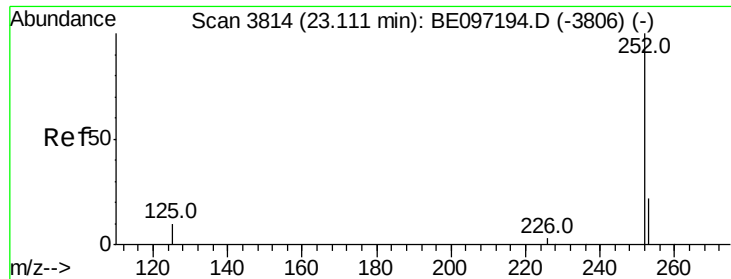


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.400 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. -0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

Instrument :

BNA_E

ClientSampleId :

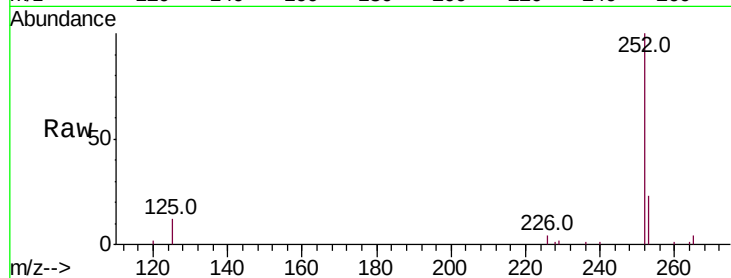
Tot Ion:252 Resp: 12928

Ion Ratio Lower Upper

252 100

253 23.5 28.5 42.7#

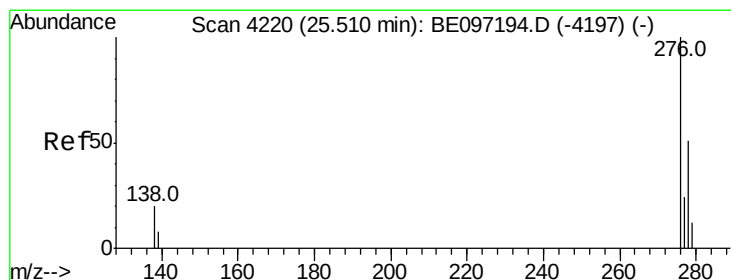
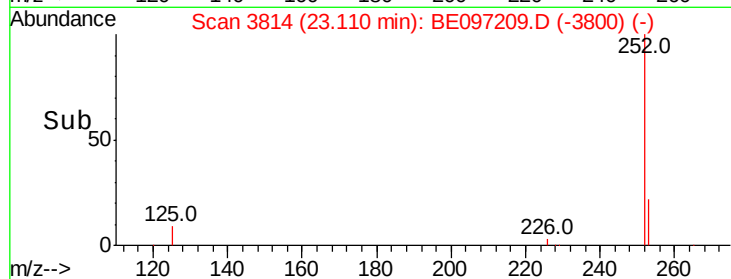
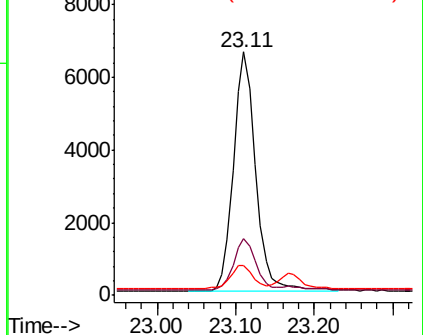
125 12.1 18.1 27.1#



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: 0.400 ng/ul

RT: 25.51 min Scan# 4219

Delta R.T. -0.00 min

Lab File: BE097209.D

Acq: 4 Aug 2018 19:52

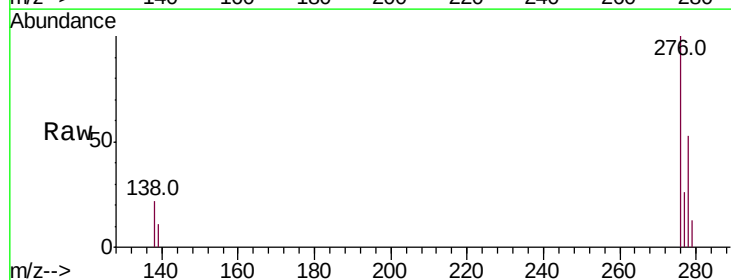
Tgt Ion:276 Resp: 16180

Ion Ratio Lower Upper

276 100

138 21.9 28.0 42.0#

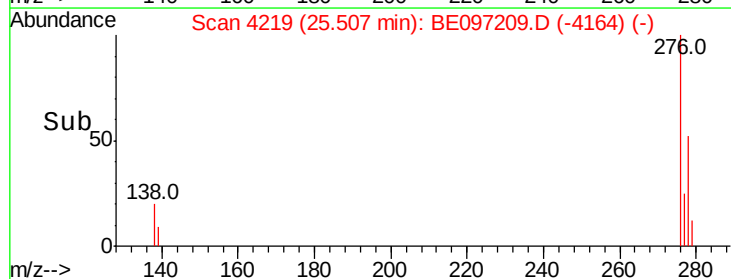
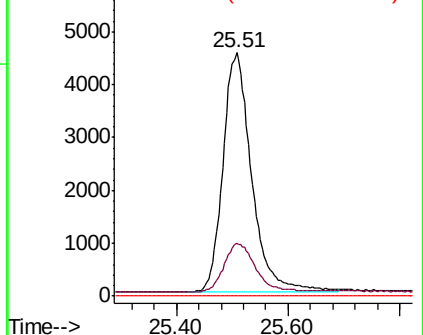
227 0.0 8.0 12.0#

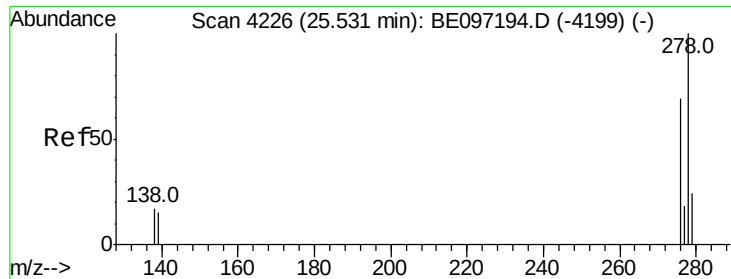


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

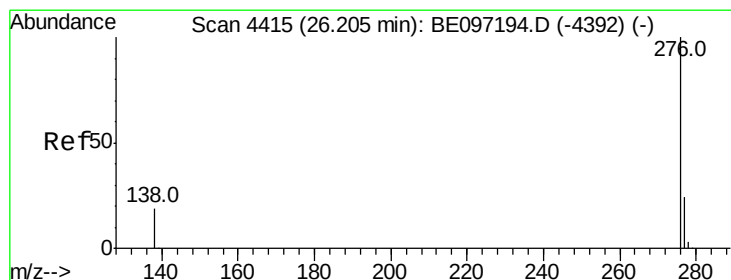
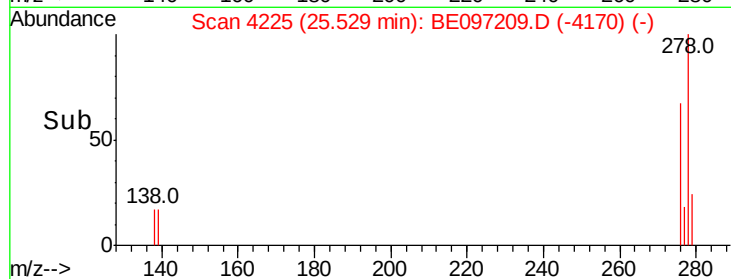
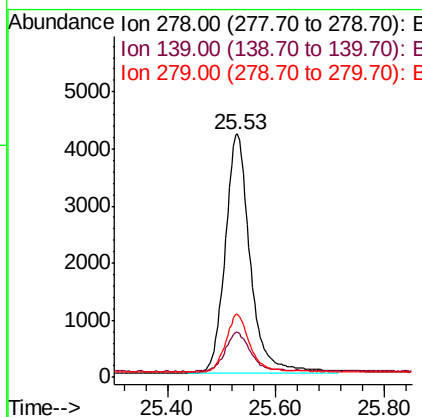
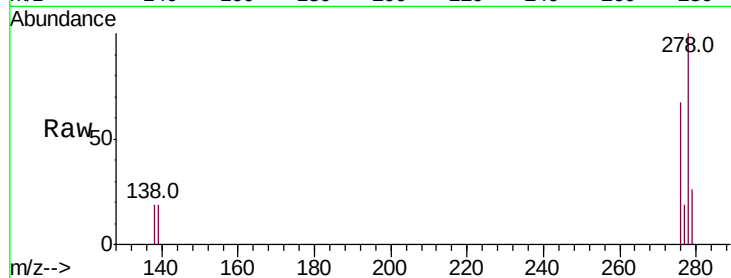




#25
Dibenzo(a,h)anthracene
Concen: 0.407 ng/ul
RT: 25.53 min Scan# 4225
Delta R.T. -0.00 min
Lab File: BE097209.D
Acq: 4 Aug 2018 19:52

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 13462
Ion Ratio Lower Upper
278 100
139 18.7 17.4 26.0
279 25.7 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 26.21 min Scan# 4415
Delta R.T. 0.00 min
Lab File: BE097209.D
Acq: 4 Aug 2018 19:52

Tgt Ion:276 Resp: 13524
Ion Ratio Lower Upper
276 100
138 20.0 21.8 32.8#
277 25.2 20.5 30.7

