

Data Path : Z:\HPCHEM1\BNA_E\Data\BE060917\
 Data File : BE093089.D
 Acq On : 9 Jun 2017 13:45
 Operator : SJ/MA
 Sample : MDL-S-04
 Misc : 0.07 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-S-04

Quant Time: Jun 09 15:34:18 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 17:42:17 2017
 Response via : Initial Calibration

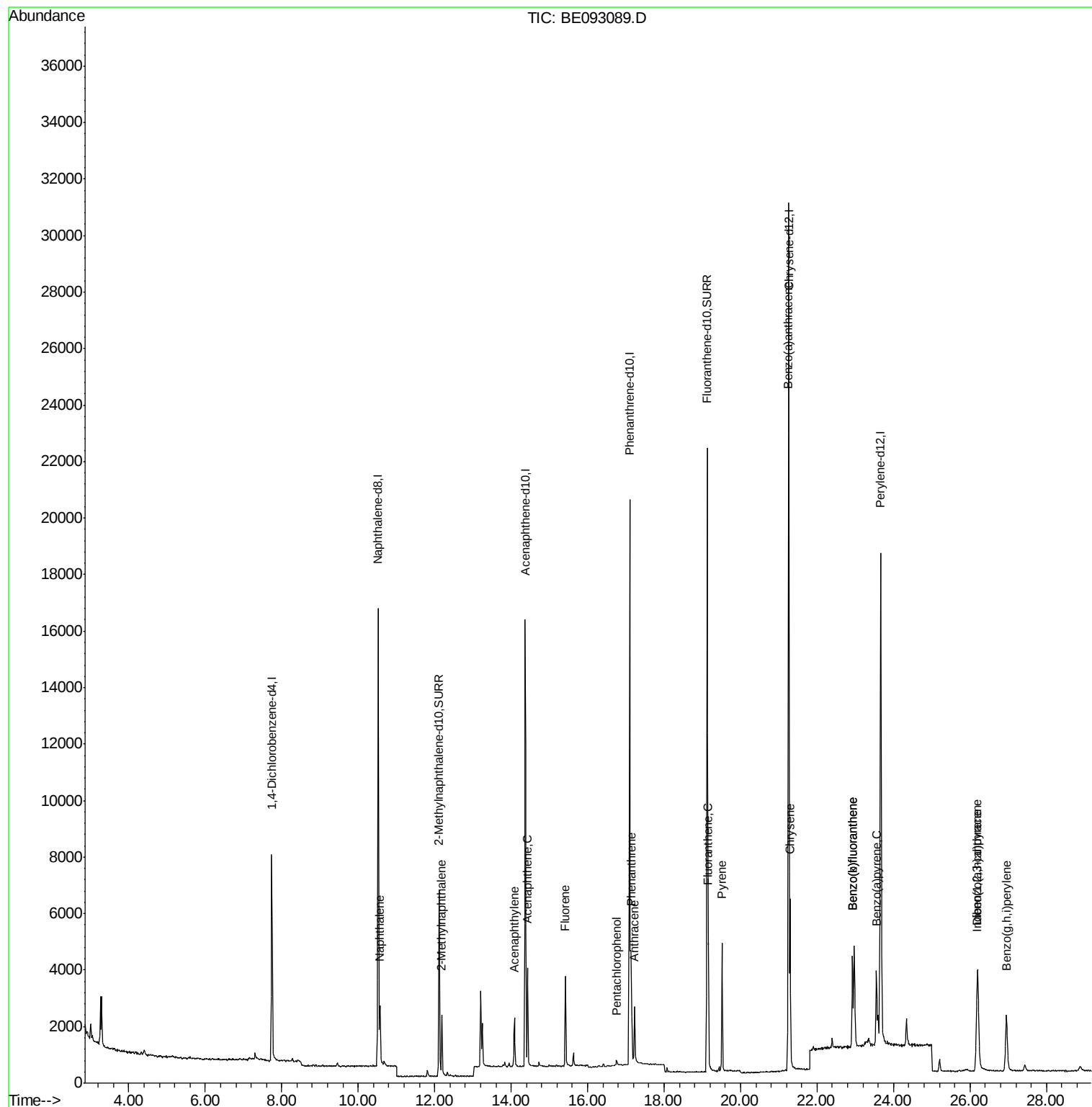
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	3960	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17765	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8864	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	24544	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	28038	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	25892	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	9609	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	23511	0.35	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.57	128	2920	0.066	ng/ul#	96
5) 2-Methylnaphthalene	12.19	142	1904	0.063	ng/ul	98
7) Acenaphthylene	14.08	152	2242	0.059	ng/ul	97
8) Acenaphthene	14.43	153	1967	0.064	ng/ul	96
9) Fluorene	15.42	166	2215	0.062	ng/ul	96
11) Pentachlorophenol	16.75	266	188	0.052	ng/ul	90
12) Phenanthrene	17.14	178	4435	0.066	ng/ul#	87
13) Anthracene	17.22	178	3448	0.059	ng/ul#	89
15) Fluoranthene	19.15	202	4901	0.059	ng/ul	84
17) Pyrene	19.51	202	4994	0.060	ng/ul#	89
18) Benzo(a)anthracene	21.24	228	4770	0.064	ng/ul#	85
19) Chrysene	21.30	228	5200	0.067	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	4584	0.058	ng/ul	93
22) Benzo(k)fluoranthene	22.93	252	4584	0.055	ng/ul	94
23) Benzo(a)pyrene	23.56	252	4514	0.061	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	26.18	276	5188	0.060	ng/ul#	91
25) Dibenzo(a,h)anthracene	26.21	278	4436	0.061	ng/ul#	83
26) Benzo(g,h,i)perylene	26.95	276	4545	0.062	ng/ul#	92

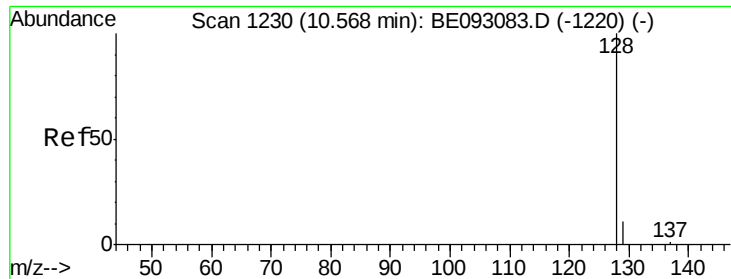
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE060917\
Data File : BE093089.D
Acq On : 9 Jun 2017 13:45
Operator : SJ/MA
Sample : MDL-S-04
Misc : 0.07 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-S-04

Quant Time: Jun 09 15:34:18 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 17:42:17 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.066 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

ClientSampleId :

MDL-S-04

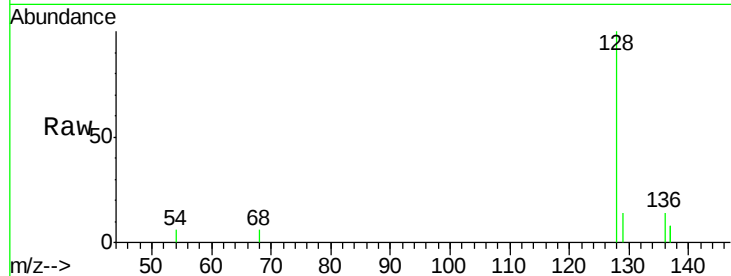
Tgt Ion:128 Resp: 2920

Ion Ratio Lower Upper

128 100

129 14.1 11.3 16.9

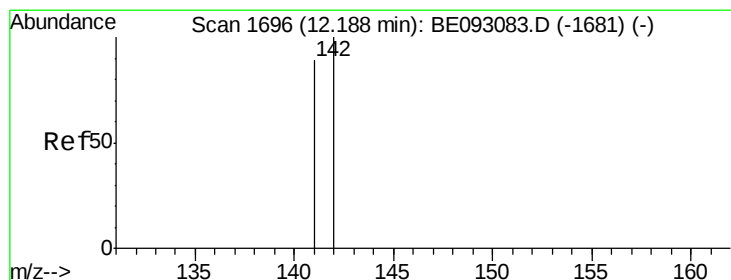
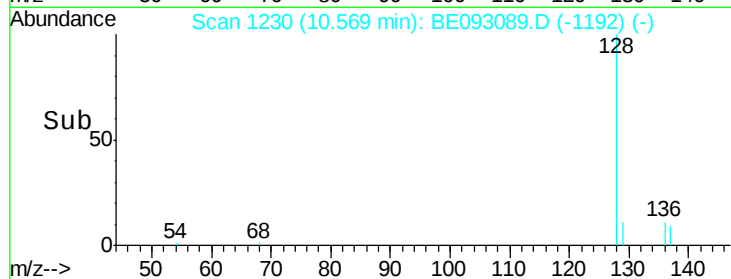
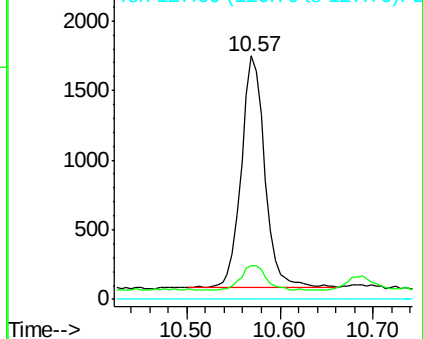
127 0.0 4.0 6.0#



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: 0.063 ng/ul

RT: 12.19 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BE093089.D

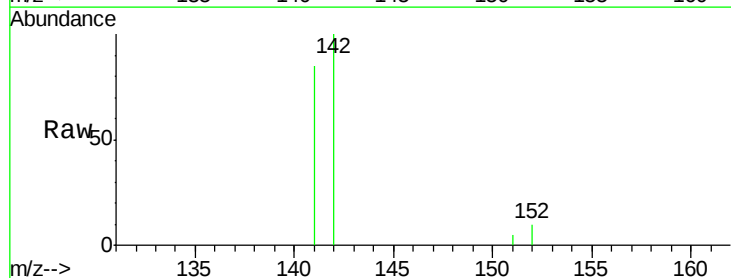
Acq: 9 Jun 2017 13:45

Tgt Ion:142 Resp: 1904

Ion Ratio Lower Upper

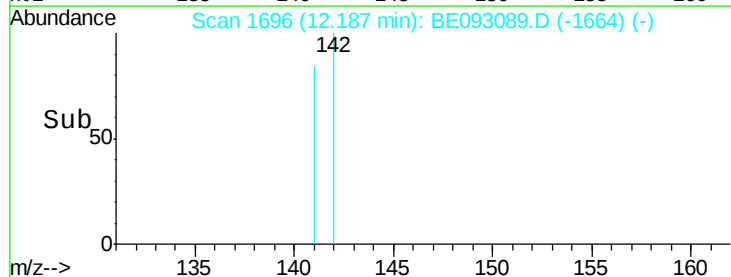
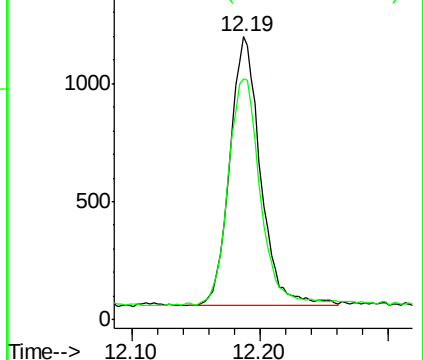
142 100

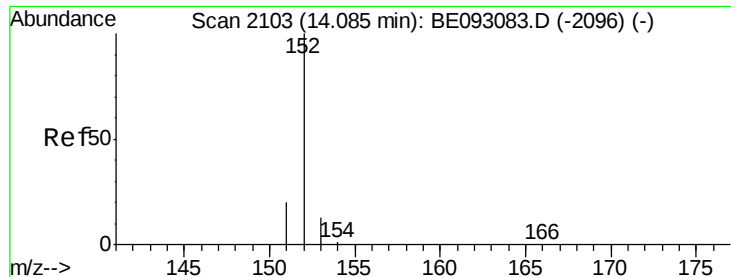
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

ClientSampleId :

MDL-S-04

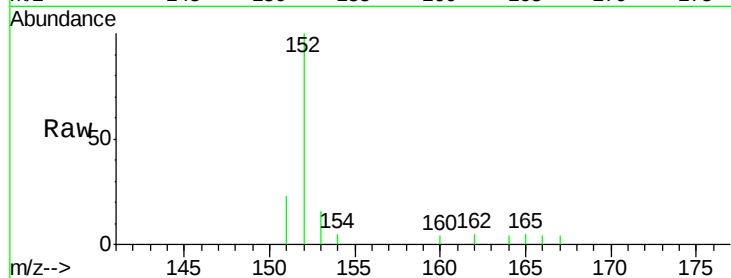
Tgt Ion:152 Resp: 2242

Ion Ratio Lower Upper

152 100

151 23.4 17.1 25.7

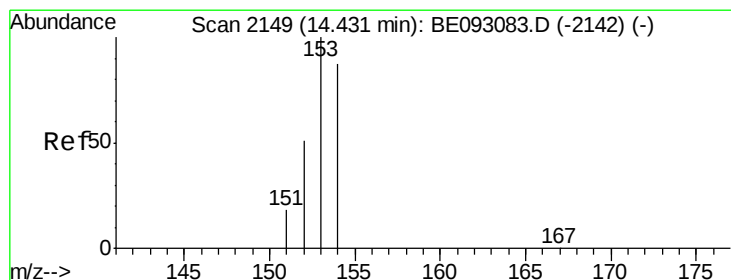
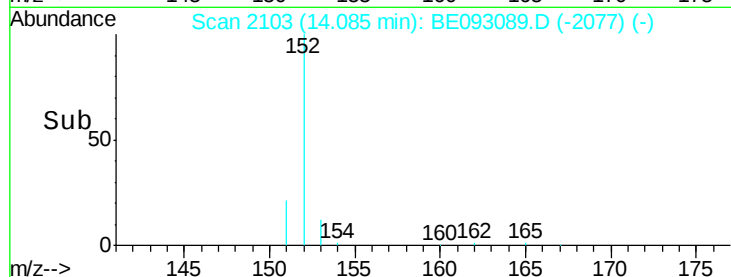
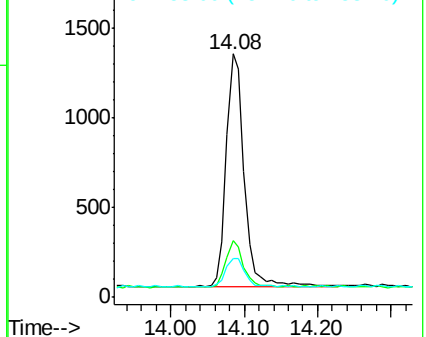
153 16.1 12.8 19.2



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: 0.064 ng/ul

RT: 14.43 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

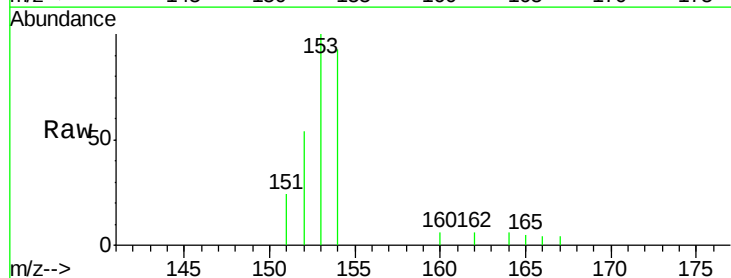
Tgt Ion:153 Resp: 1967

Ion Ratio Lower Upper

153 100

152 53.9 40.3 60.5

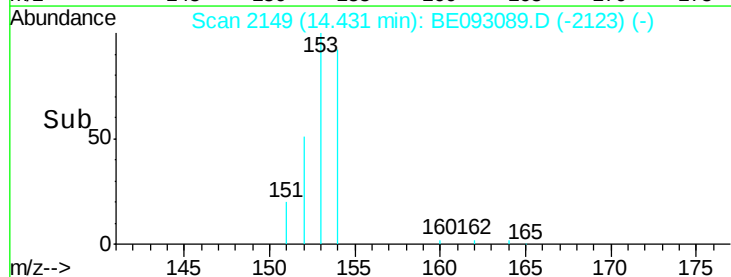
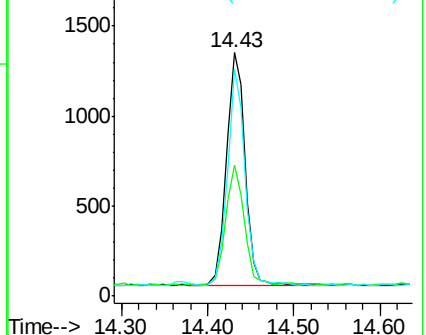
154 93.1 71.4 107.2

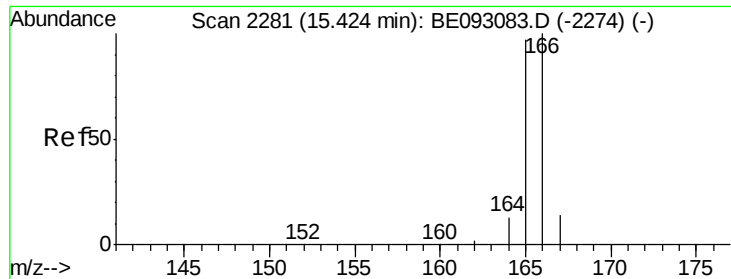


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.062 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

ClientSampleId :

MDL-S-04

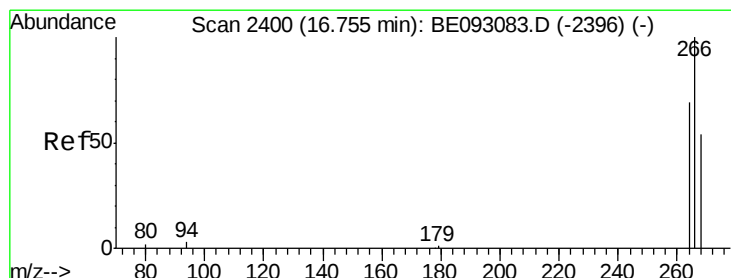
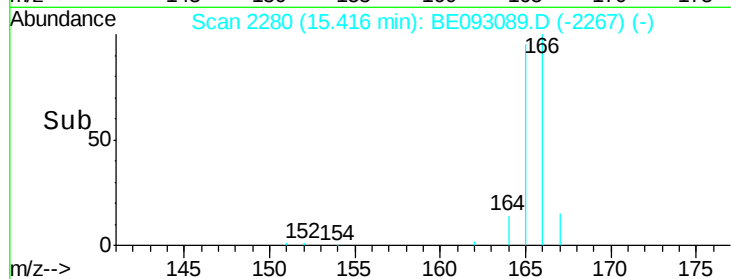
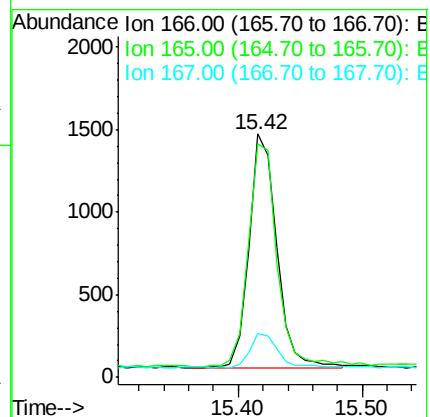
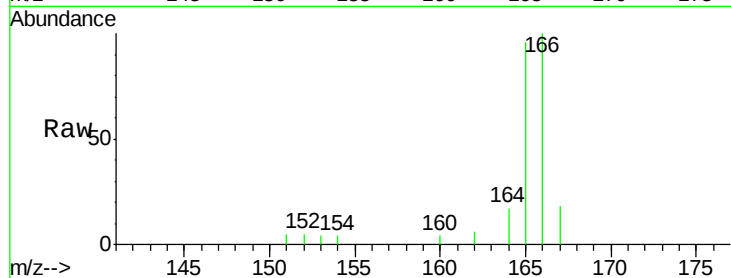
Tgt Ion:166 Resp: 2215

Ion Ratio Lower Upper

166 100

165 95.8 73.4 110.2

167 18.2 14.6 22.0



#11

Pentachlorophenol

Concen: 0.052 ng/ul

RT: 16.75 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

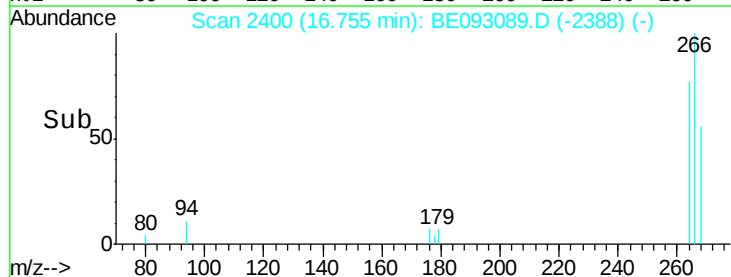
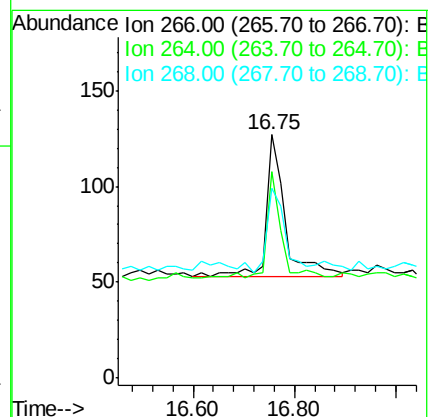
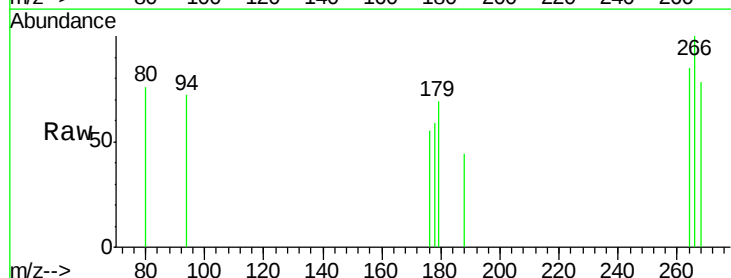
Tgt Ion:266 Resp: 188

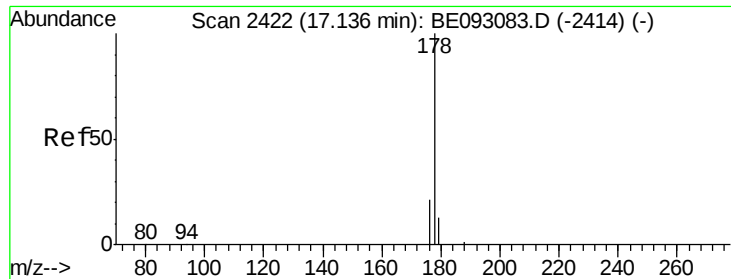
Ion Ratio Lower Upper

266 100

264 55.9 47.9 71.9

268 51.1 49.8 74.8





#12

Phenanthrene

Concen: 0.066 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

ClientSampleId :

MDL-S-04

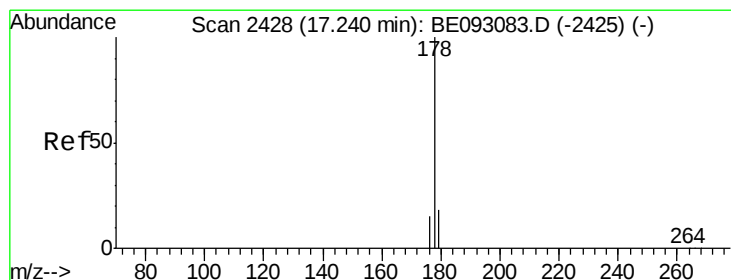
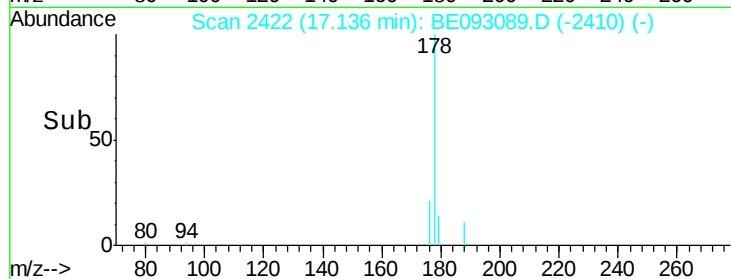
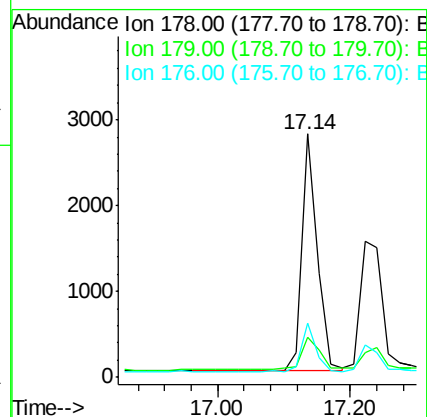
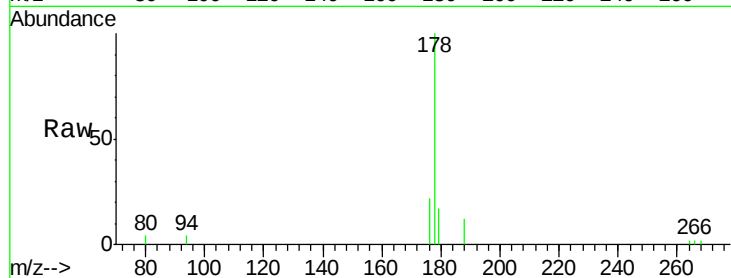
Tgt Ion:178 Resp: 4435

Ion Ratio Lower Upper

178 100

179 16.5 18.4 27.6#

176 22.4 13.6 20.4#



#13

Anthracene

Concen: 0.059 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.02 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

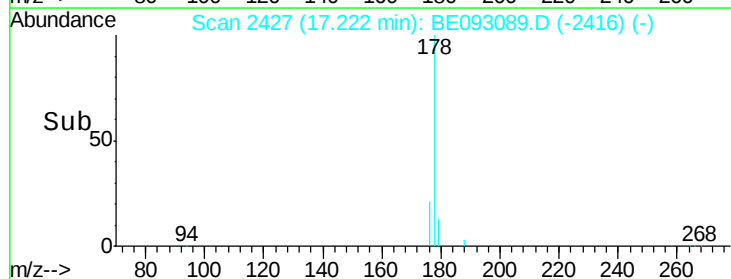
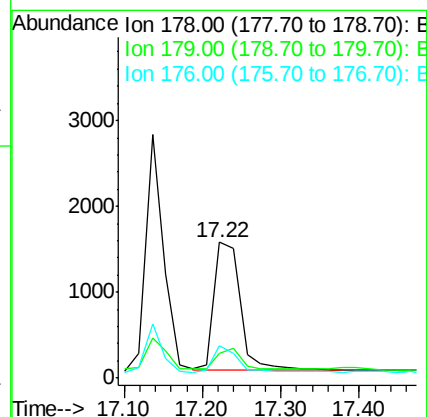
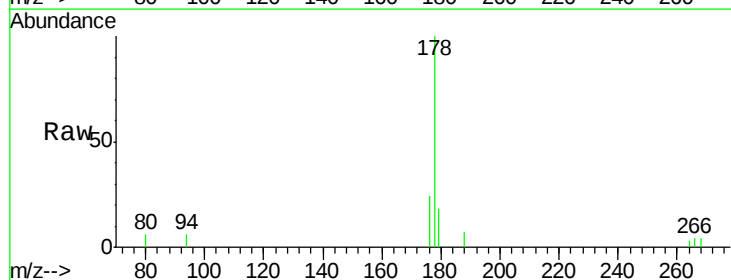
Tgt Ion:178 Resp: 3448

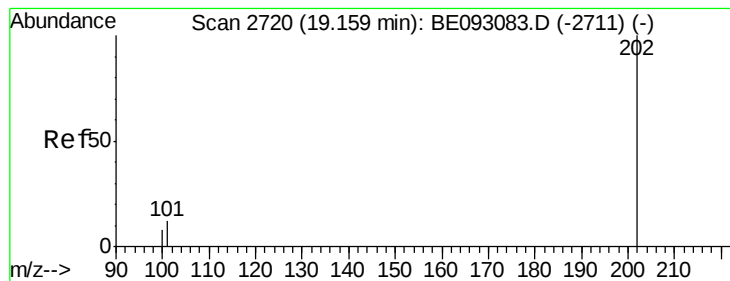
Ion Ratio Lower Upper

178 100

179 18.0 18.1 27.1#

176 24.1 14.7 22.1#





#15

Fluoranthene

Concen: 0.059 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

ClientSampleId :

MDL-S-04

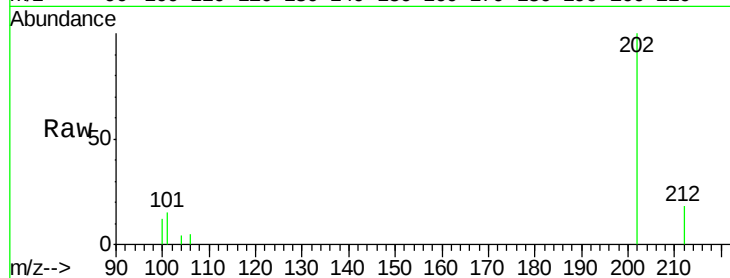
Tgt Ion:202 Resp: 4901

Ion Ratio Lower Upper

202 100

101 15.4 0.0 30.3

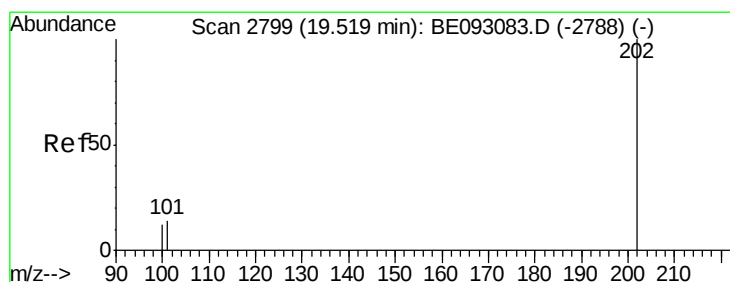
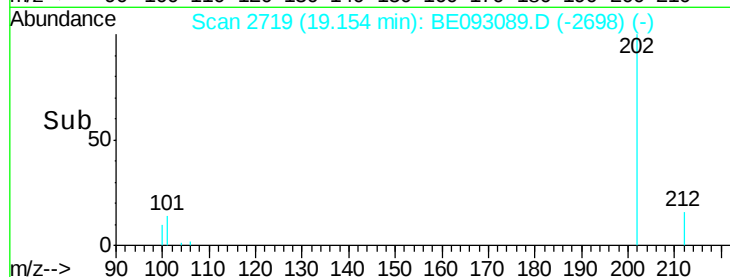
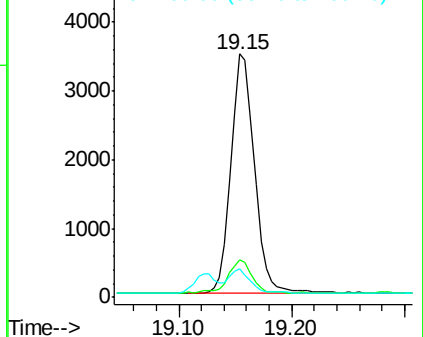
100 11.8 0.0 39.5



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: 0.060 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

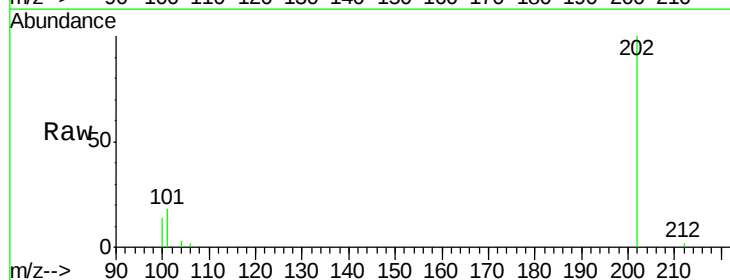
Tgt Ion:202 Resp: 4994

Ion Ratio Lower Upper

202 100

101 17.7 18.2 27.4#

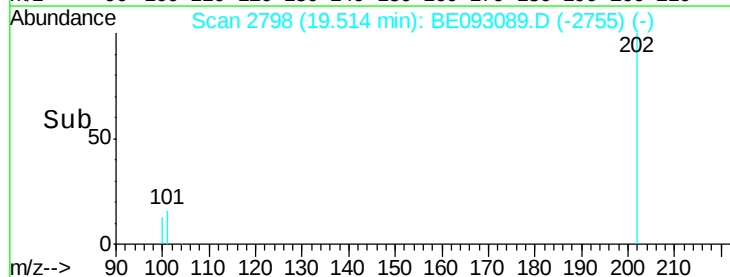
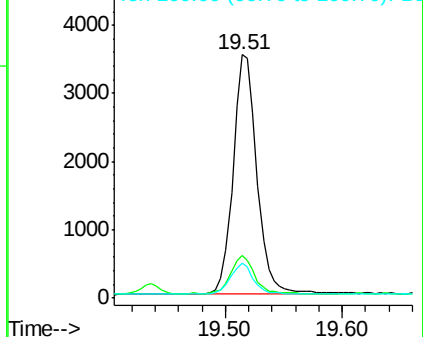
100 14.4 15.6 23.4#

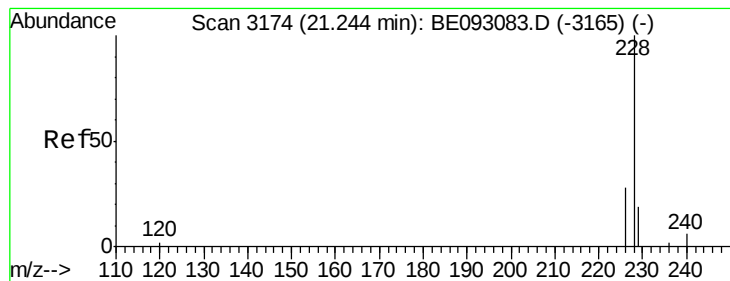


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.064 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

ClientSampleId :

MDL-S-04

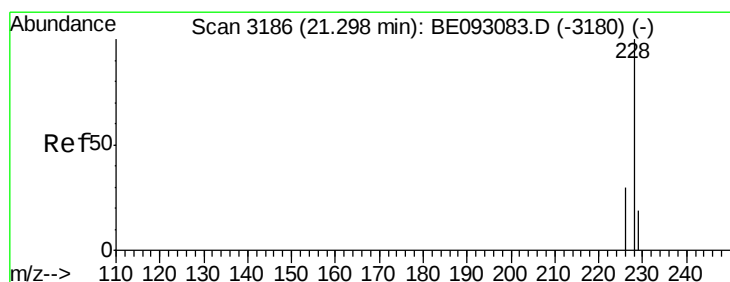
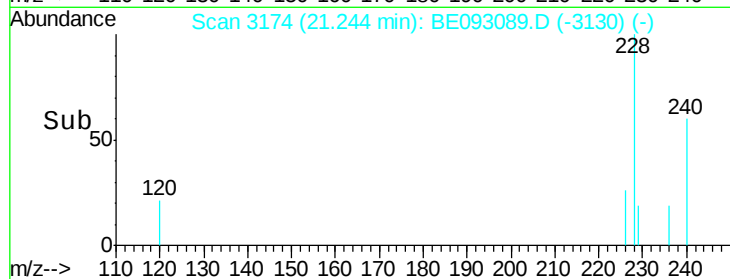
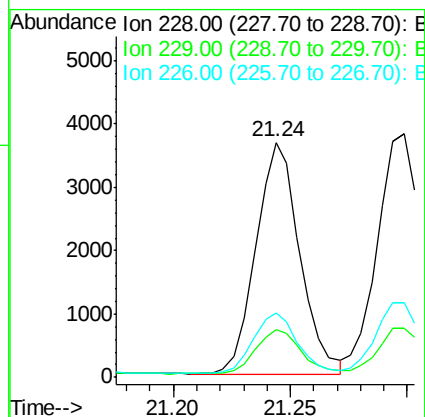
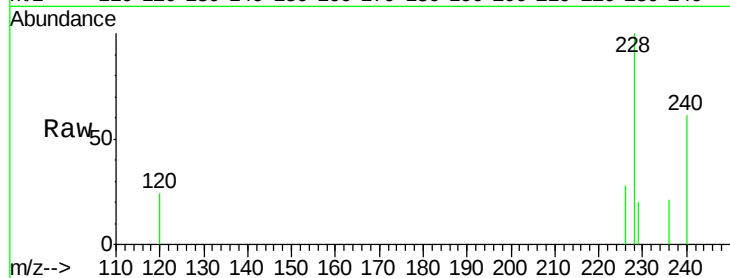
Tgt Ion:228 Resp: 4770

Ion Ratio Lower Upper

228 100

229 20.3 22.8 34.2#

226 27.6 17.0 25.6#



#19

Chrysene

Concen: 0.067 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

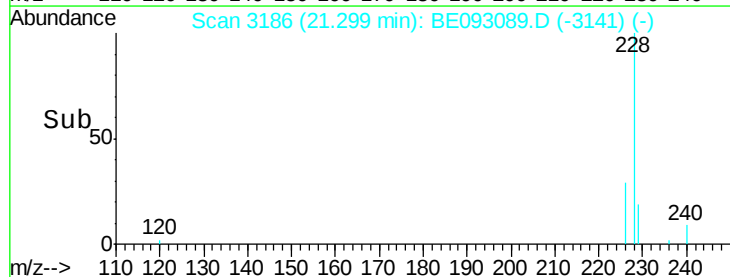
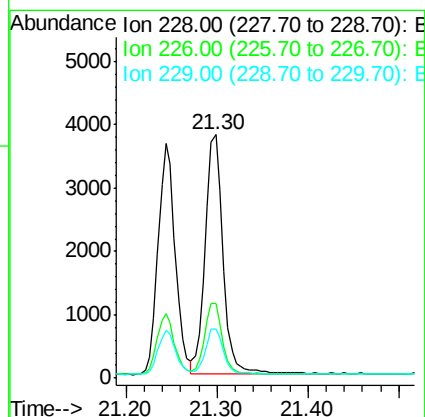
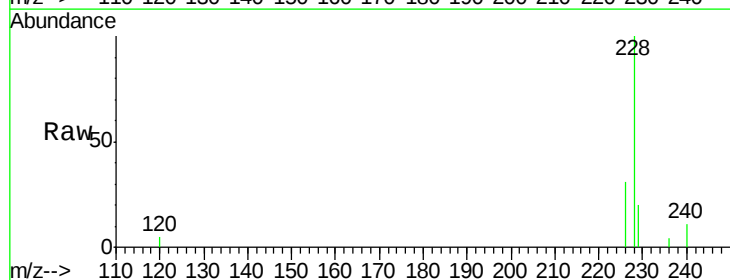
Tgt Ion:228 Resp: 5200

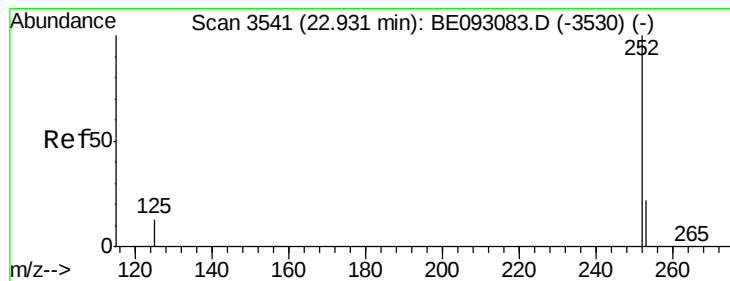
Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

229 19.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.058 ng/u1

RT: 22.93 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

ClientSampleId :

MDL-S-04

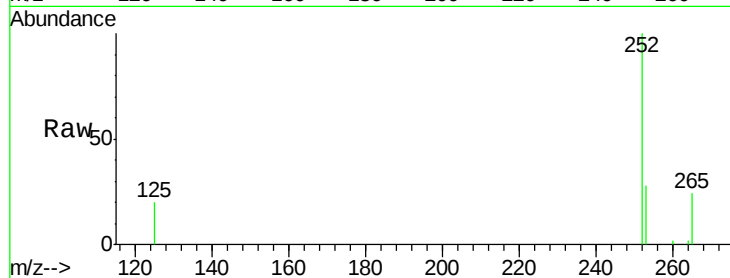
Tgt Ion:252 Resp: 4584

Ion Ratio Lower Upper

252 100

253 27.6 0.0 64.2

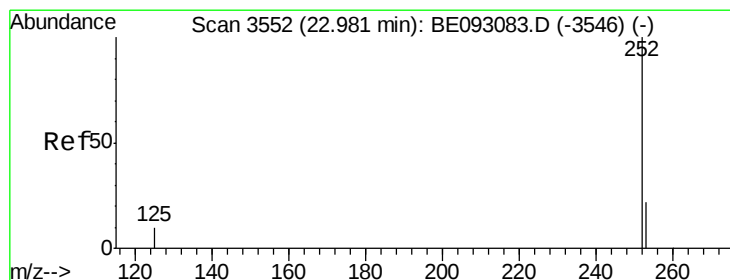
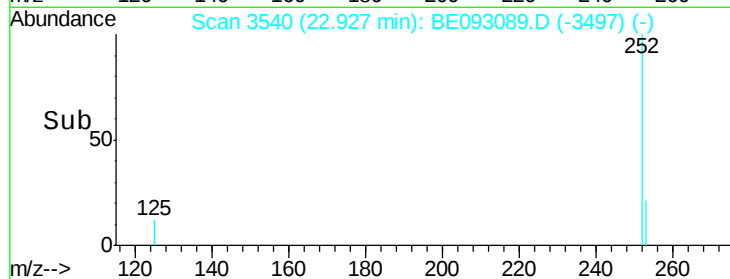
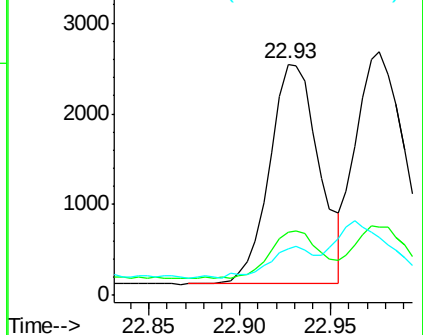
125 20.0 0.0 35.0



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: 0.055 ng/u1

RT: 22.93 min Scan# 3540

Delta R.T. -0.05 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

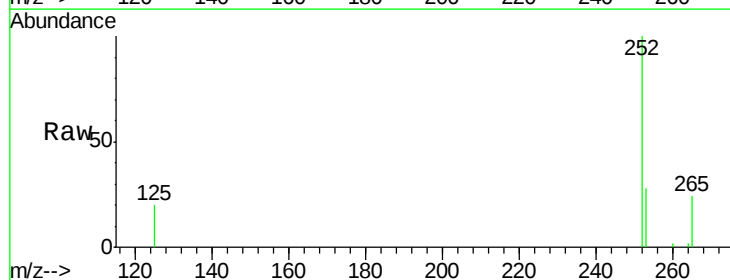
Tgt Ion:252 Resp: 4584

Ion Ratio Lower Upper

252 100

253 27.6 24.5 36.7

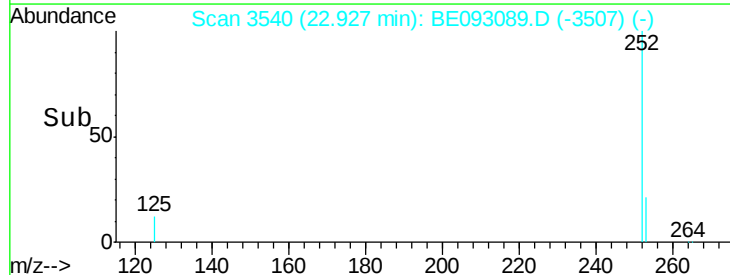
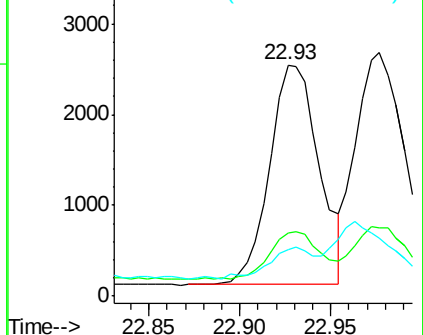
125 20.0 13.7 20.5

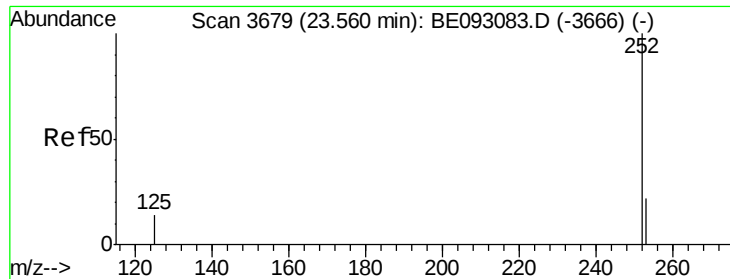


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.061 ng/u1

RT: 23.56 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

ClientSampleId :

MDL-S-04

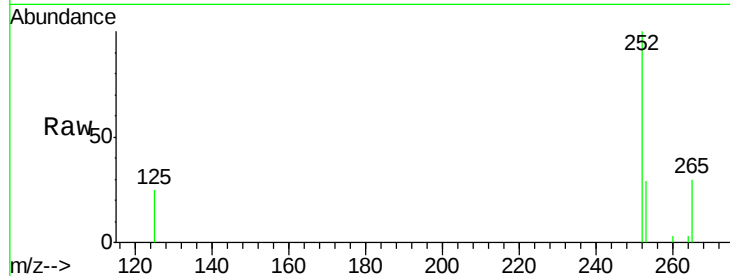
Tgt Ion:252 Resp: 4514

Ion Ratio Lower Upper

252 100

253 28.6 28.5 42.7

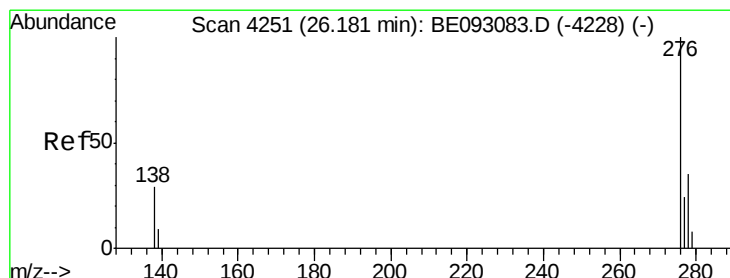
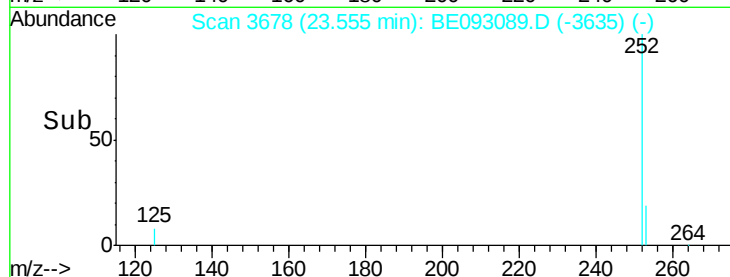
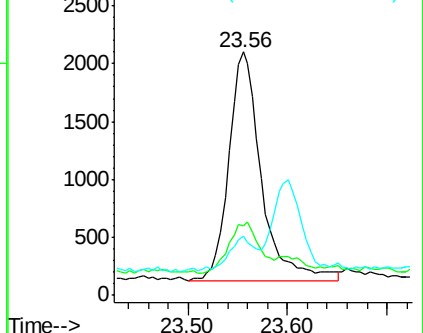
125 24.6 18.1 27.1



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: 0.060 ng/u1

RT: 26.18 min Scan# 4251

Delta R.T. -0.01 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

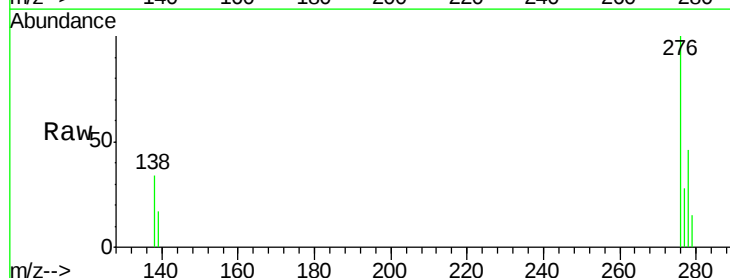
Tgt Ion:276 Resp: 5188

Ion Ratio Lower Upper

276 100

138 37.3 28.0 42.0

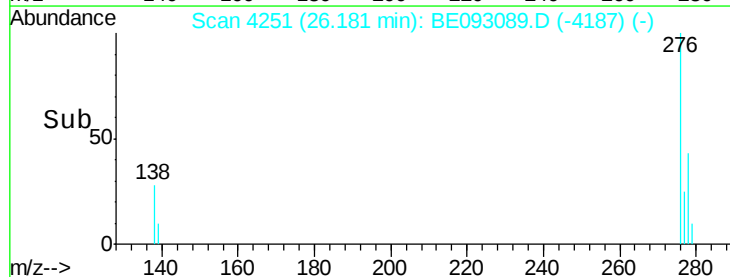
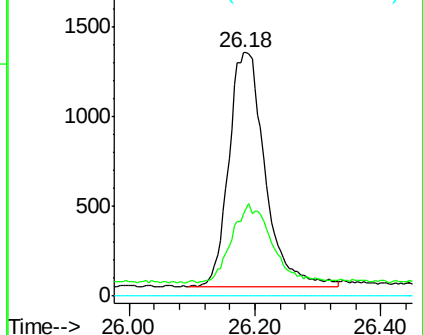
227 0.0 8.0 12.0#

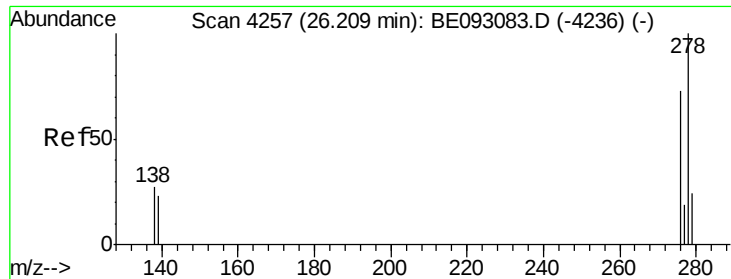


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

RT: 26.21 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

ClientSampleId :

MDL-S-04

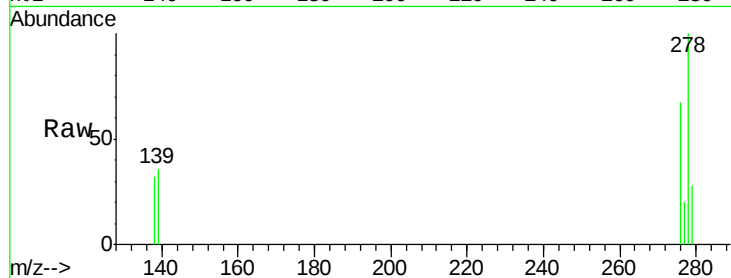
Tgt Ion:278 Resp: 4436

Ion Ratio Lower Upper

278 100

139 35.9 17.4 26.0#

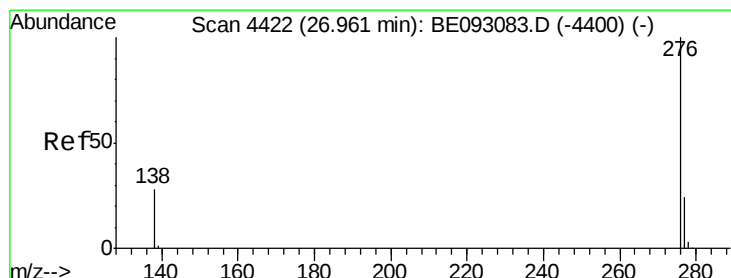
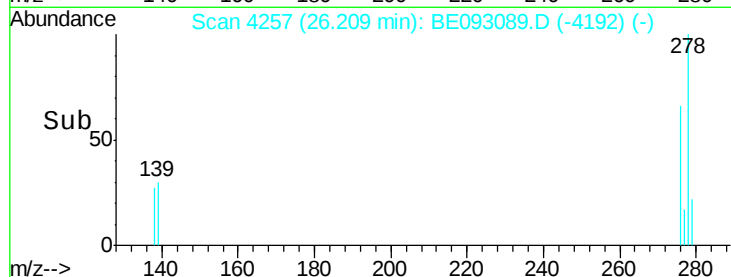
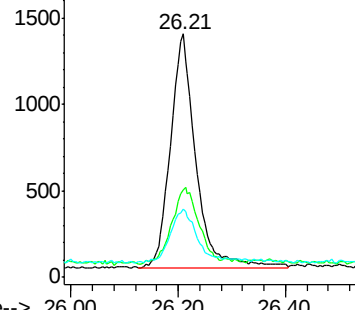
279 28.1 25.9 38.9



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: 0.062 ng/ul

RT: 26.95 min Scan# 4420

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

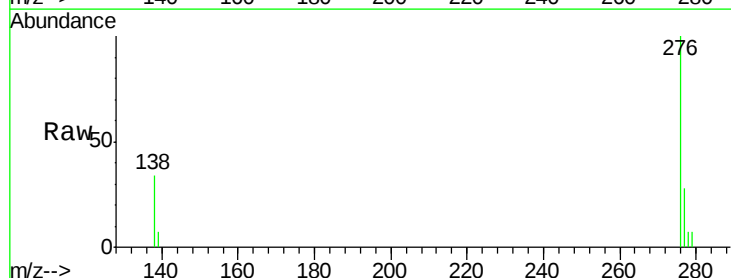
Tgt Ion:276 Resp: 4545

Ion Ratio Lower Upper

276 100

138 33.5 21.8 32.8#

277 27.9 20.5 30.7



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

