

Data File : BE093334.D
Acq On : 23 Jun 2017 12:30
Operator : SJ/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DFTPP74

Quant Time: Jun 24 03:56:14 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 22 02:10:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1934	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9927	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5517	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13168	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14215	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11889	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5977	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	13789	0.39	ng/ul	0.00

Target Compounds						Qvalue
3) Naphthalene	10.56	128	9759	0.40	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	6897	0.41	ng/ul	99
7) Acenaphthylene	14.08	152	9292	0.39	ng/ul	97
8) Acenaphthene	14.42	153	7492	0.39	ng/ul	98
9) Fluorene	15.41	166	8307	0.37	ng/ul#	90
11) Pentachlorophenol	16.76	266	656	0.34	ng/ul	96
12) Phenanthrene	17.14	178	14673	0.40	ng/ul#	92
13) Anthracene	17.22	178	13290	0.42	ng/ul#	91
15) Fluoranthene	19.15	202	16798	0.38	ng/ul	84
17) Pyrene	19.51	202	18580	0.44	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	16120	0.43	ng/ul#	86
19) Chrysene	21.29	228	15663	0.40	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	14536	0.40	ng/ul	88
22) Benzo(k)fluoranthene	22.97	252	14797	0.39	ng/ul#	89
23) Benzo(a)pyrene	23.55	252	13849	0.41	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.18	276	15769	0.40	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.20	278	13170	0.40	ng/ul#	87
26) Benzo(g,h,i)perylene	26.96	276	12973	0.38	ng/ul	97

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

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Sample : SSTDCCC0.4

Misc :

ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

DFTPP74

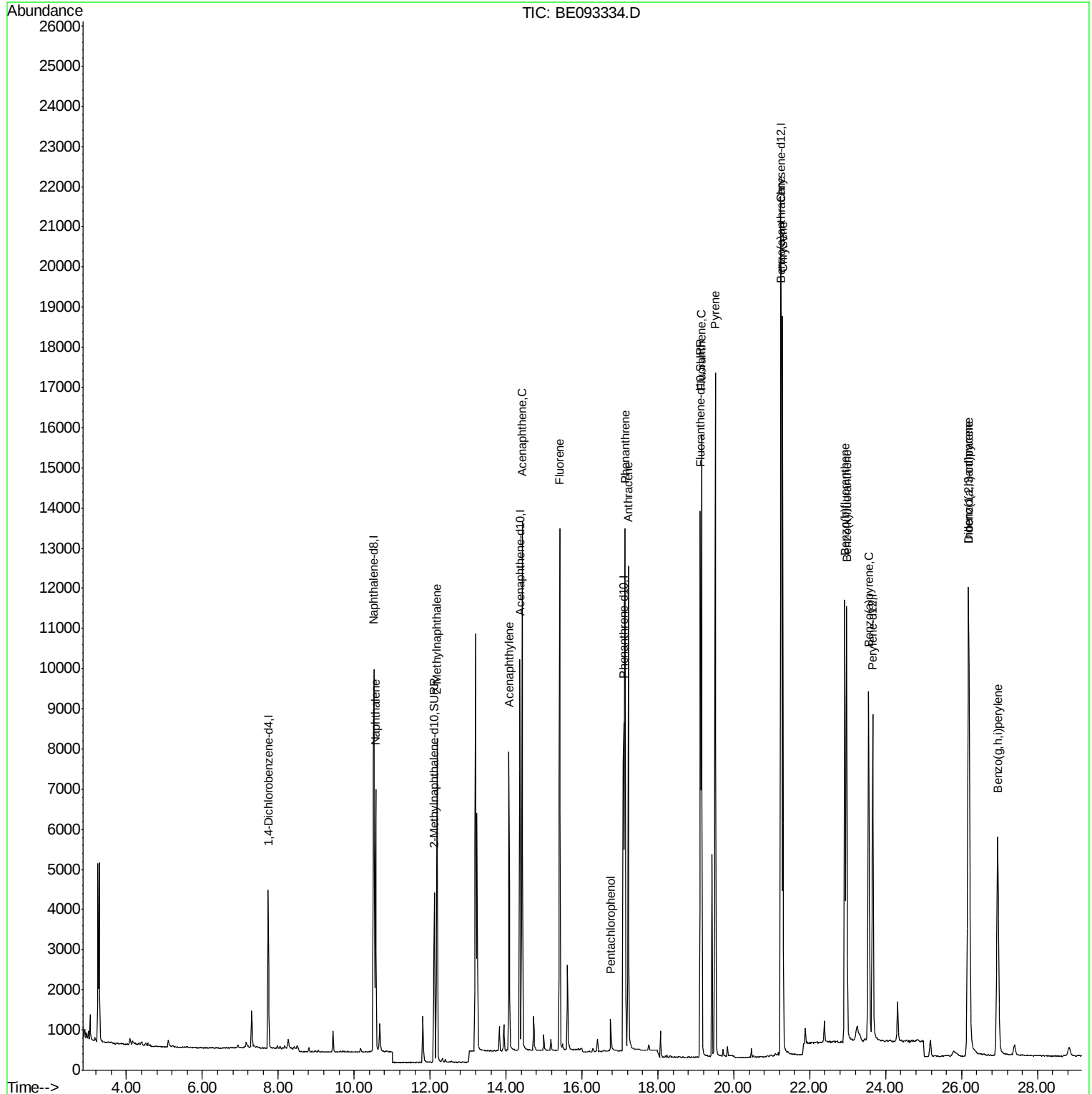
Quant Time: Jun 24 03:56:14 2017

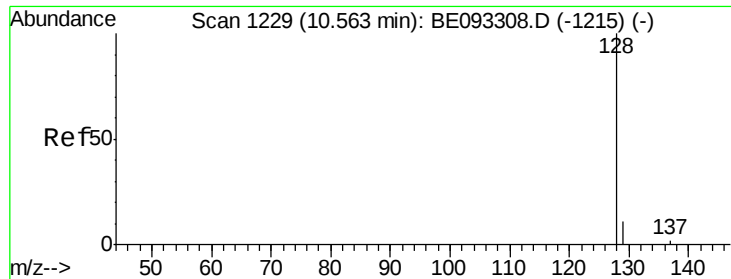
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 22 02:10:17 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.40 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

Instrument :

BNA_E

ClientSampleId :

DFTPP74

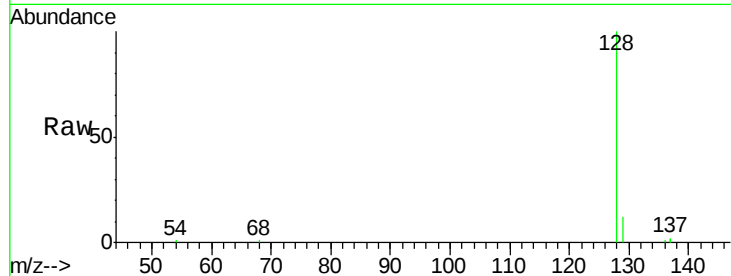
Tgt Ion:128 Resp: 9759

Ion Ratio Lower Upper

128 100

129 11.8 11.3 16.9

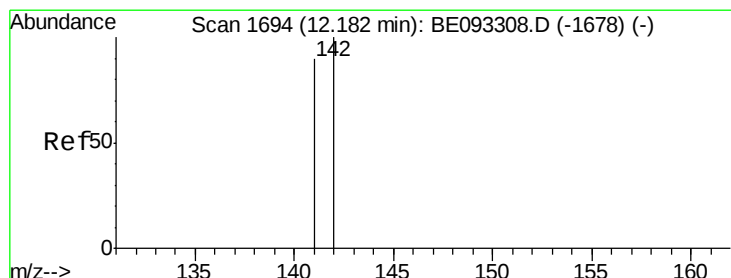
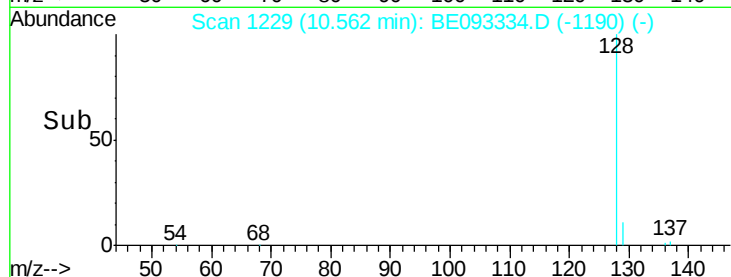
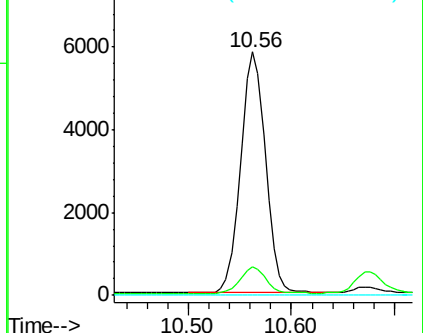
127 0.0 4.0 6.0#



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: 0.41 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BE093334.D

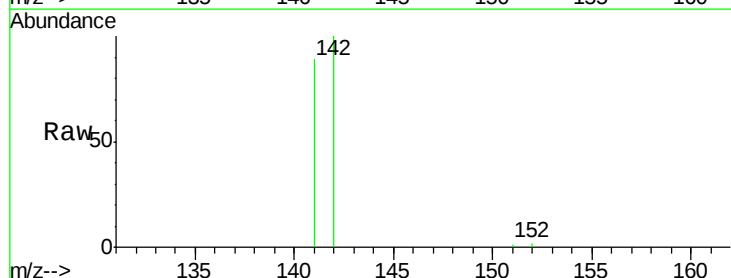
Acq: 23 Jun 2017 12:30

Tgt Ion:142 Resp: 6897

Ion Ratio Lower Upper

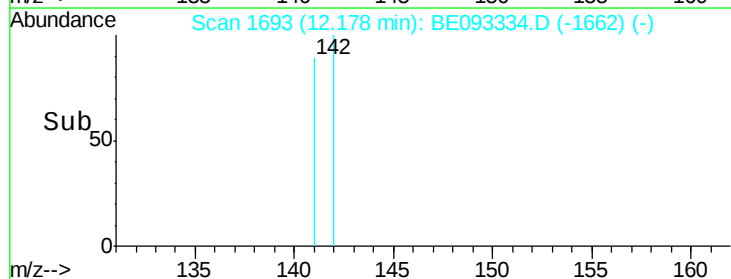
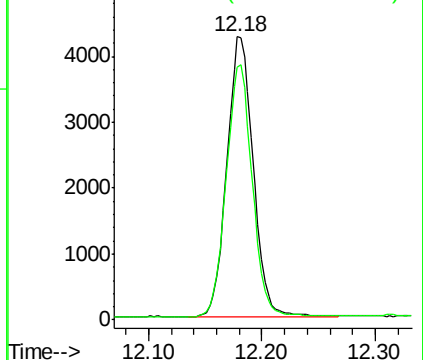
142 100

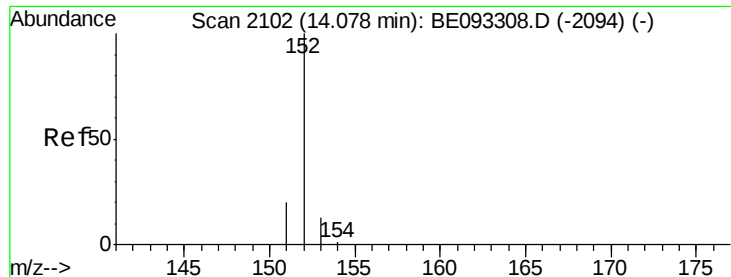
141 89.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.39 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

Instrument :

BNA_E

ClientSampleId :

DFTPP74

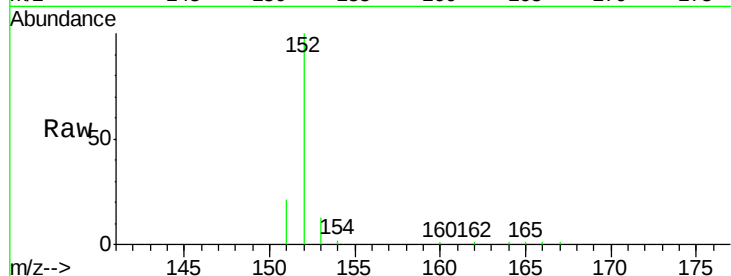
Tgt Ion:152 Resp: 9292

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

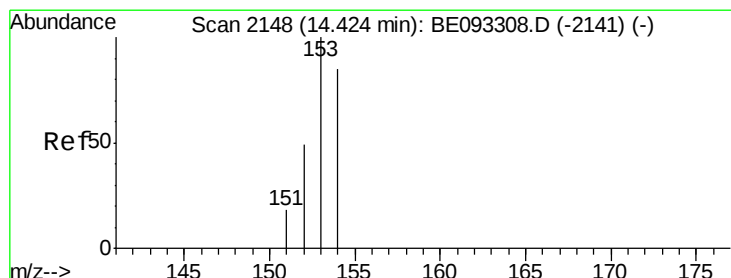
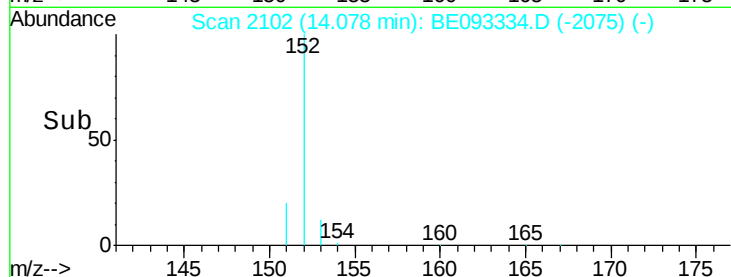
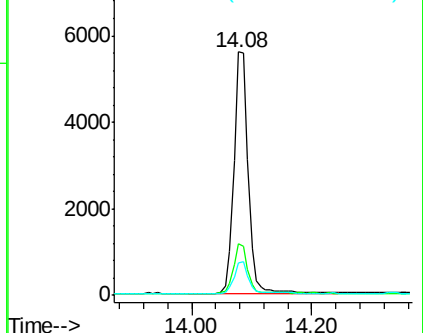
153 13.2 12.8 19.2



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



#8

Acenaphthene

Concen: 0.39 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

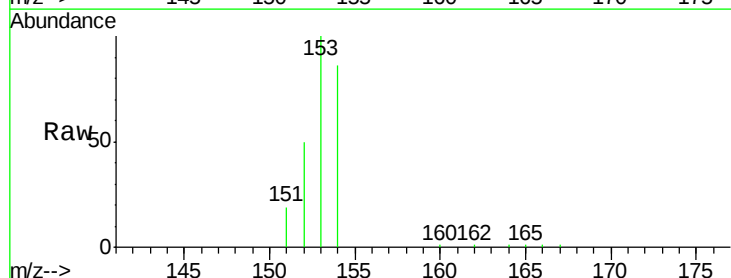
Tgt Ion:153 Resp: 7492

Ion Ratio Lower Upper

153 100

152 50.4 40.3 60.5

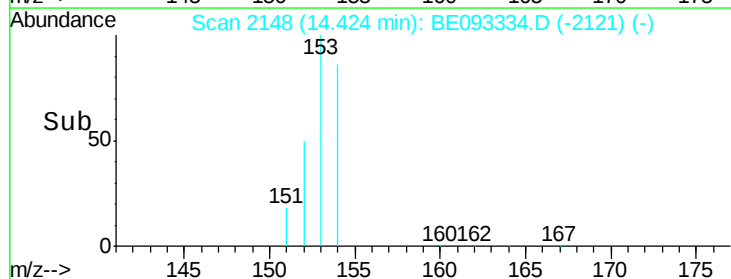
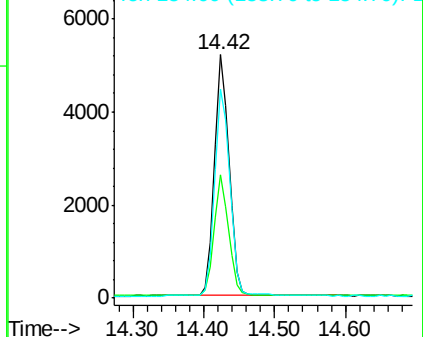
154 85.9 71.4 107.2

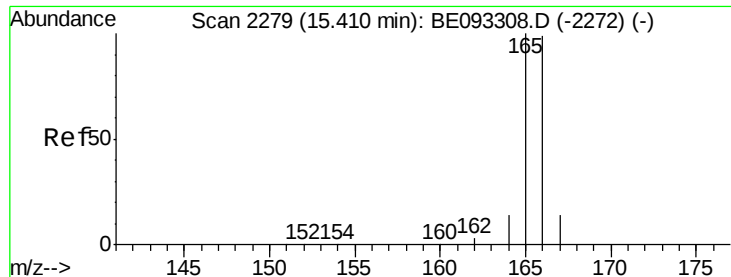


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

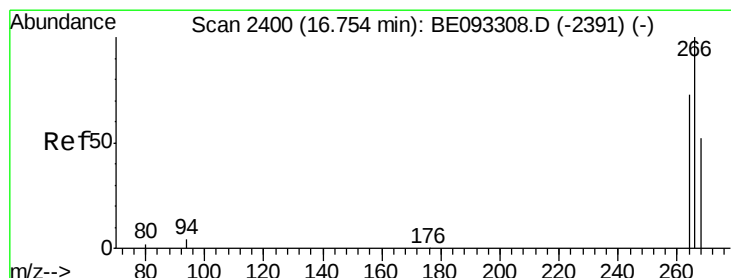
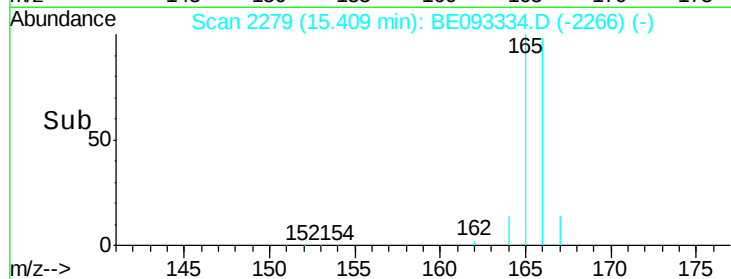
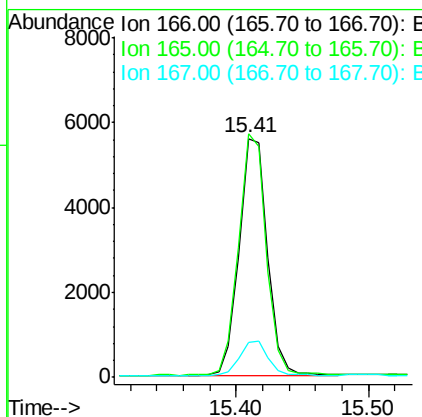
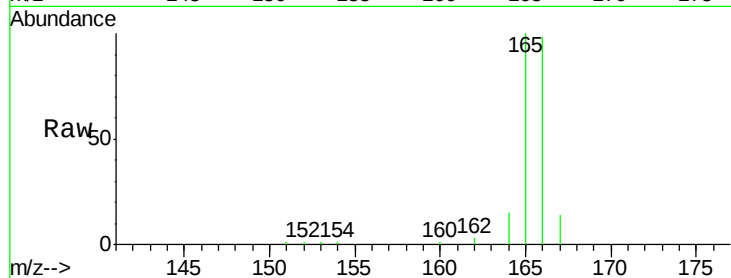




#9
Fluorene
 Concen: 0.37 ng/ul
 RT: 15.41 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE093334.D
 Acq: 23 Jun 2017 12:30

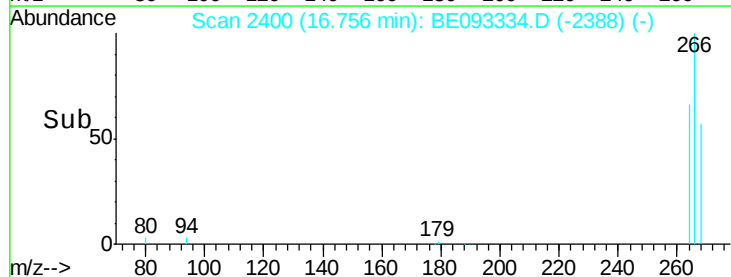
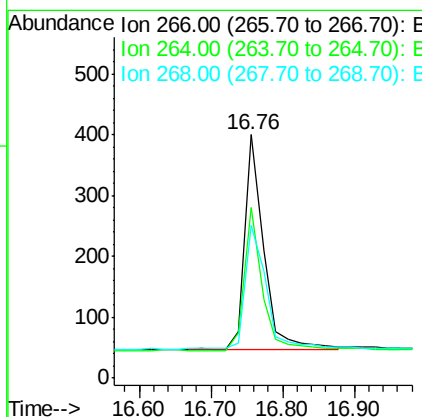
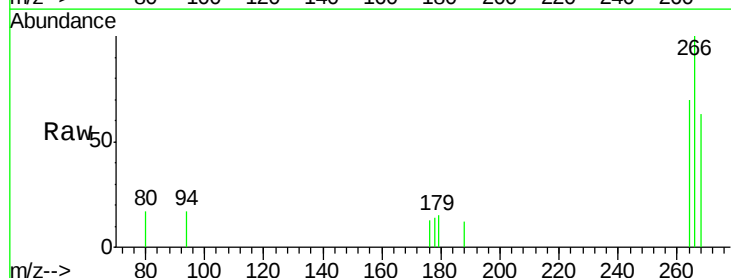
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP74

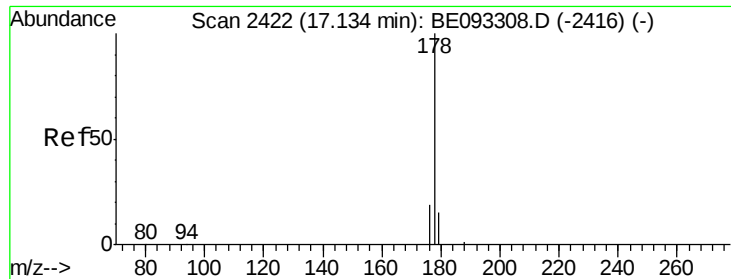
Tgt Ion:166 Resp: 8307
 Ion Ratio Lower Upper
 166 100
 165 102.1 73.4 110.2
 167 14.6 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.34 ng/ul
 RT: 16.76 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BE093334.D
 Acq: 23 Jun 2017 12:30

Tgt Ion:266 Resp: 656
 Ion Ratio Lower Upper
 266 100
 264 63.4 47.9 71.9
 268 65.2 49.8 74.8





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

Instrument :

BNA_E

ClientSampleId :

DFTPP74

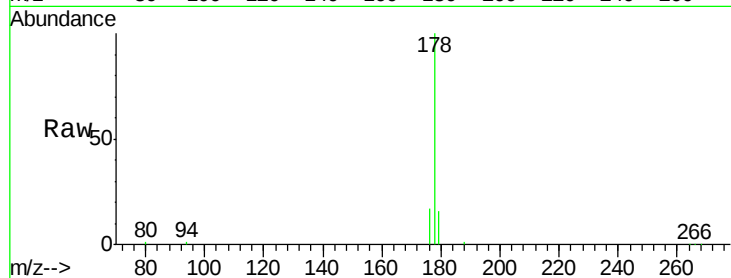
Tgt Ion:178 Resp: 14673

Ion Ratio Lower Upper

178 100

179 16.4 18.4 27.6#

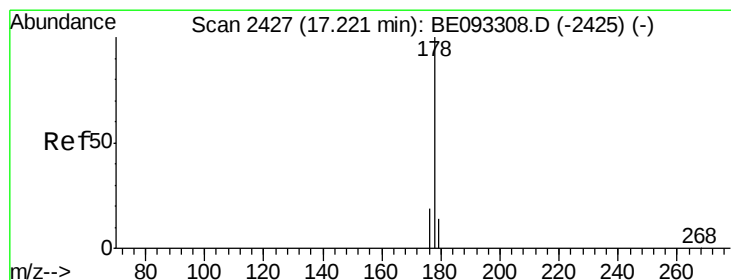
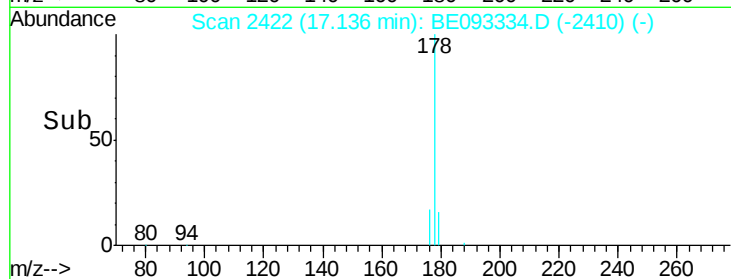
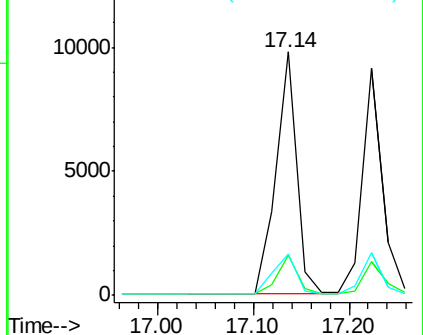
176 17.2 13.6 20.4



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: 0.42 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

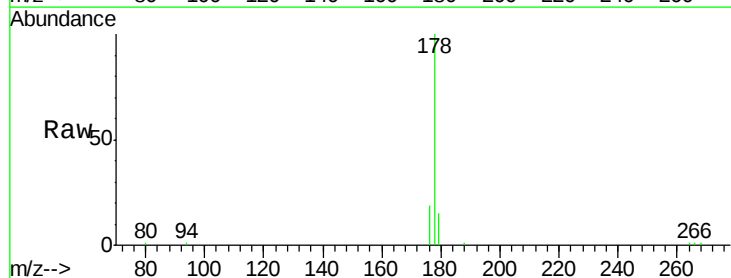
Tgt Ion:178 Resp: 13290

Ion Ratio Lower Upper

178 100

179 14.9 18.1 27.1#

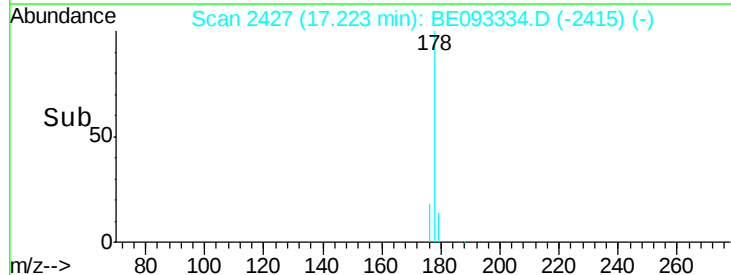
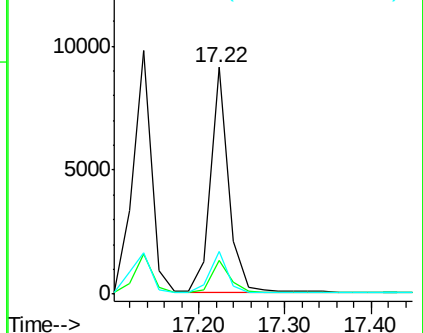
176 18.8 14.7 22.1

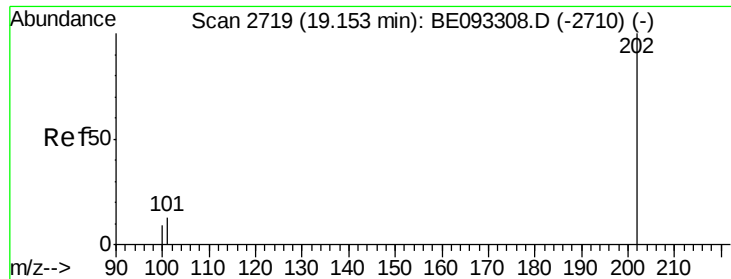


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.38 ng/ul

RT: 19.15 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

Instrument :

BNA_E

ClientSampleId :

DFTPP74

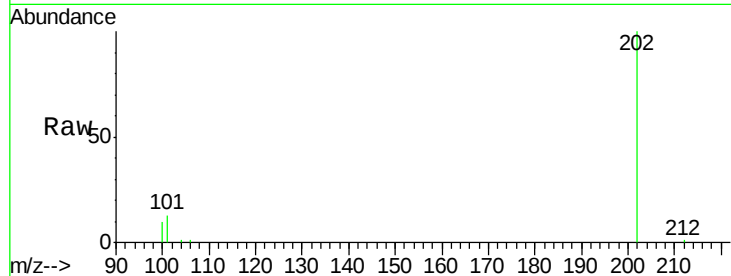
Tgt Ion:202 Resp: 16798

Ion Ratio Lower Upper

202 100

101 12.8 0.0 30.3

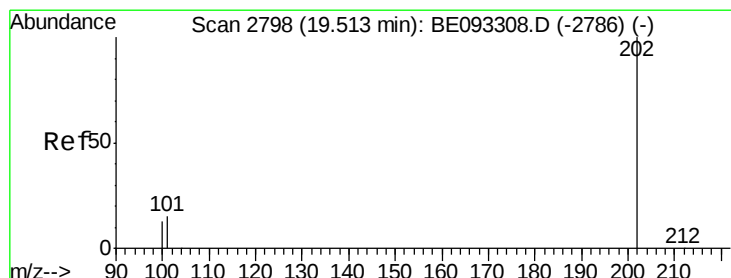
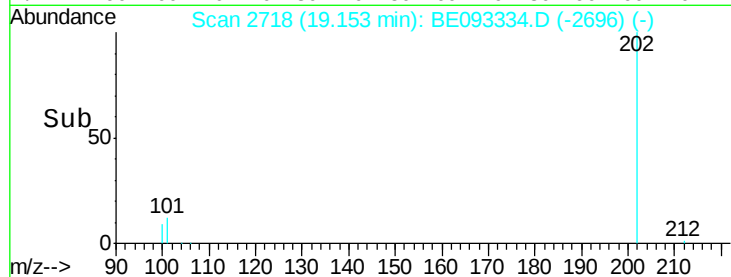
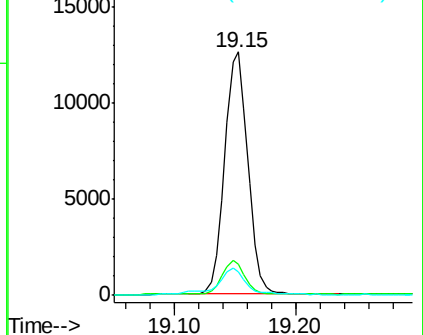
100 9.7 0.0 39.5



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: 0.44 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

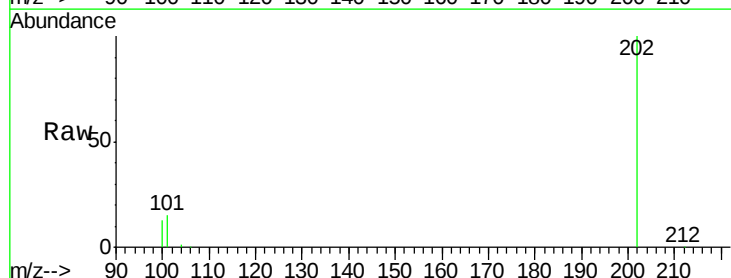
Tgt Ion:202 Resp: 18580

Ion Ratio Lower Upper

202 100

101 15.3 18.2 27.4#

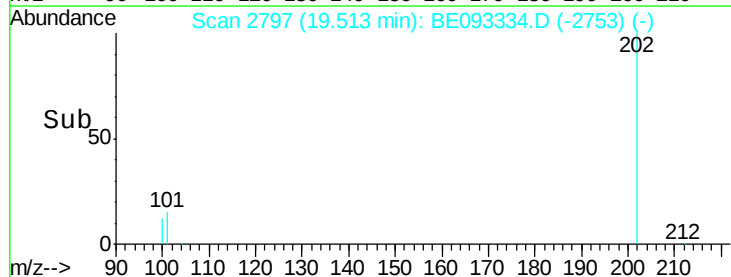
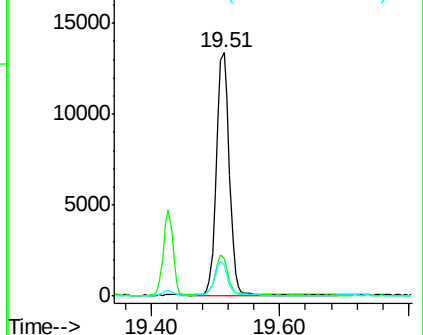
100 12.6 15.6 23.4#

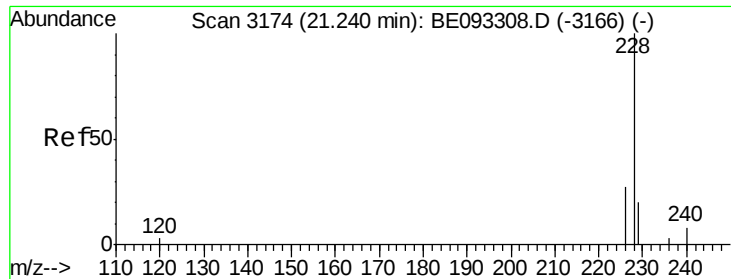


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.43 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

Instrument :

BNA_E

ClientSampleId :

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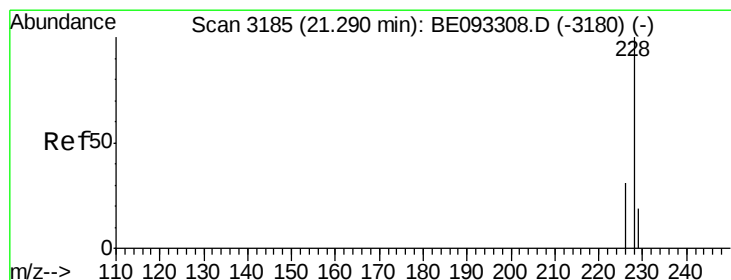
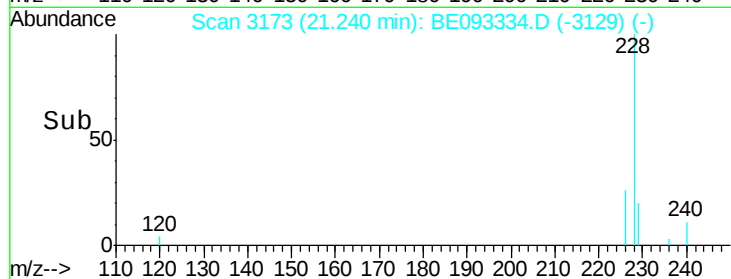
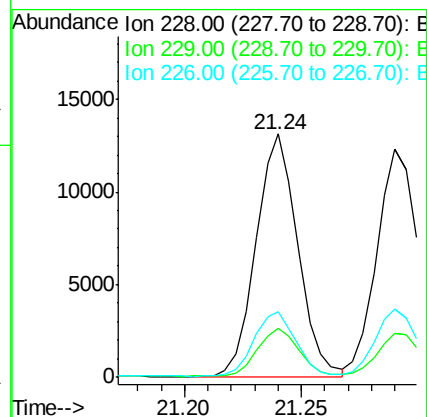
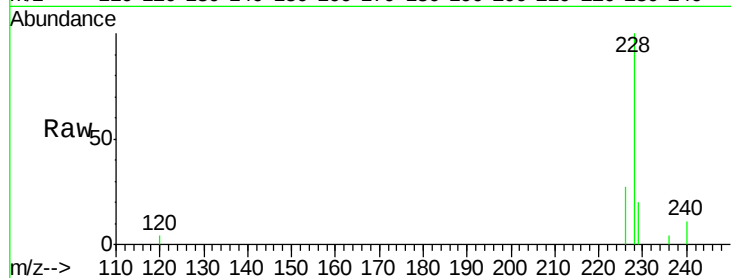
Tgt Ion:228 Resp: 16120

Ion Ratio Lower Upper

228 100

229 20.0 22.8 34.2#

226 26.8 17.0 25.6#



#19

Chrysene

Concen: 0.40 ng/ul

RT: 21.29 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

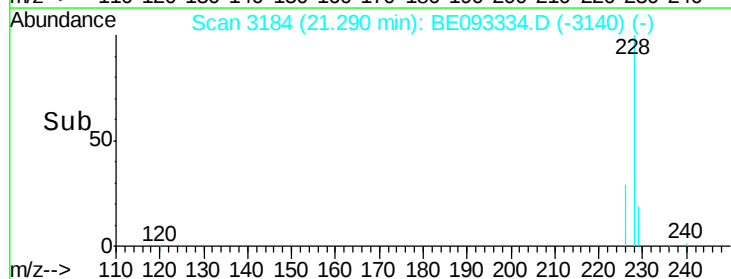
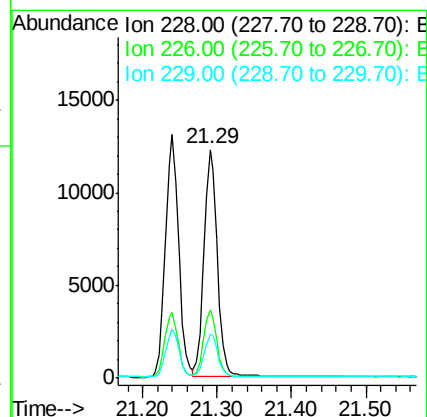
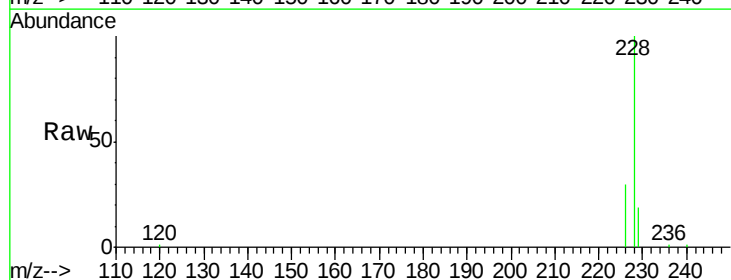
Tgt Ion:228 Resp: 15663

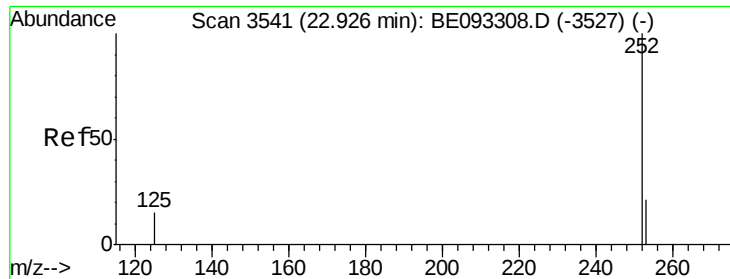
Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

229 19.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.40 ng/u1

RT: 22.93 min Scan# 3540

Delta R.T. 0.00 min

Lab File: BE093334.D

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Instrument :

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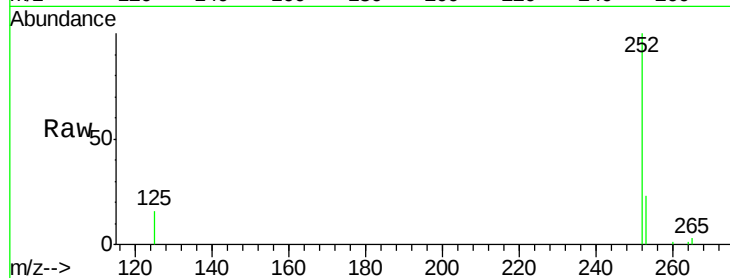
Tgt Ion:252 Resp: 14536

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

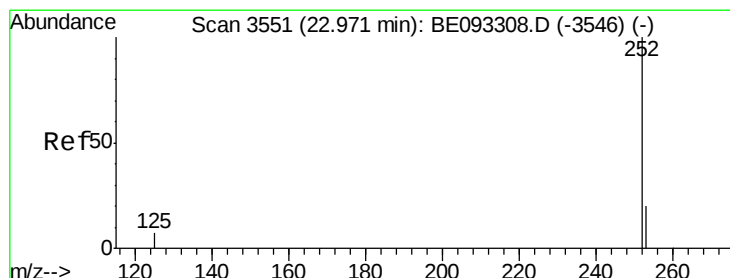
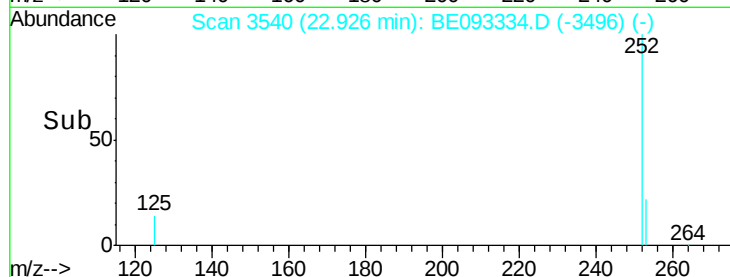
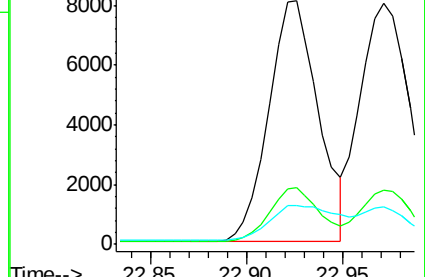
125 15.8 0.0 35.0



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: 0.39 ng/u1

RT: 22.97 min Scan# 3550

Delta R.T. 0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

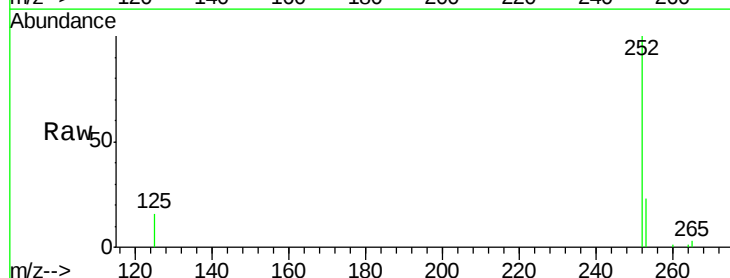
Tgt Ion:252 Resp: 14797

Ion Ratio Lower Upper

252 100

253 22.7 24.5 36.7#

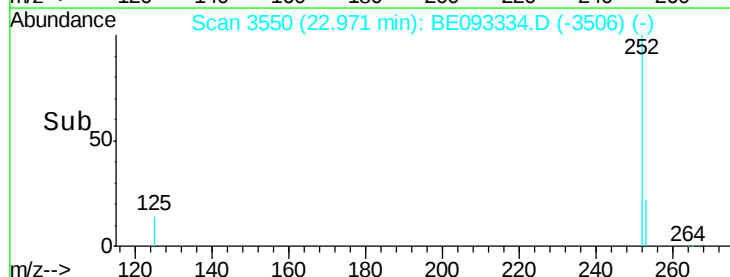
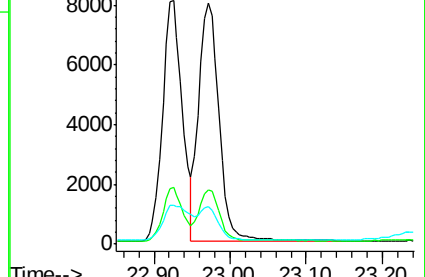
125 15.6 13.7 20.5

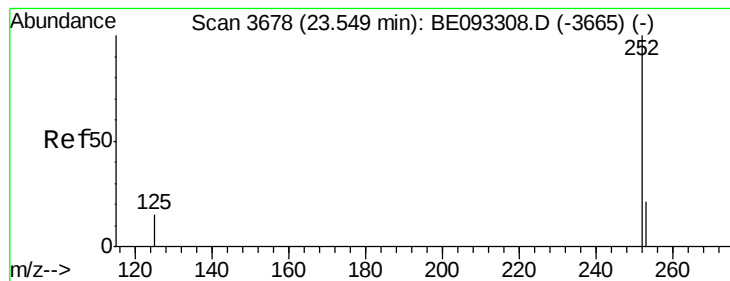


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.41 ng/ul

RT: 23.55 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

Instrument :

BNA_E

ClientSampleId :

DFTPP74

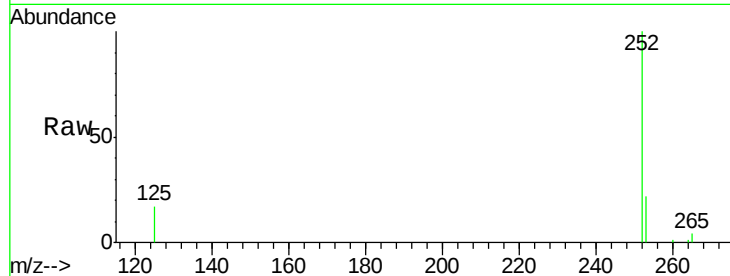
Tgt Ion:252 Resp: 13849

Ion Ratio Lower Upper

252 100

253 22.5 28.5 42.7#

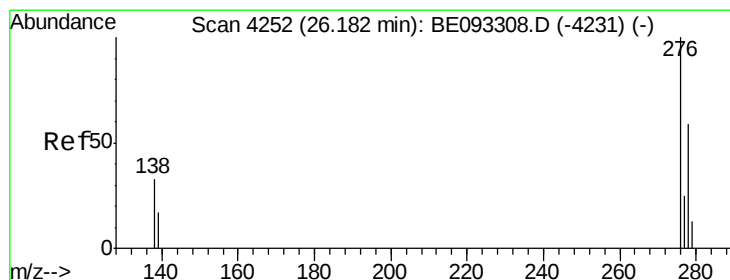
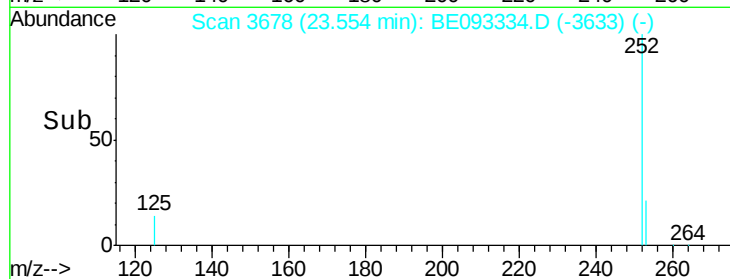
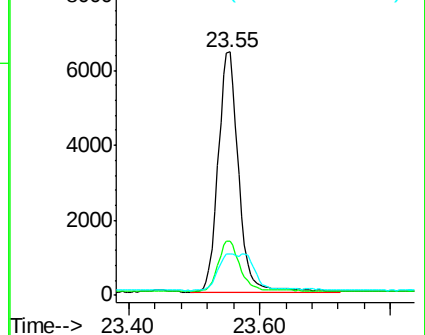
125 16.9 18.1 27.1#



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: 0.40 ng/ul

RT: 26.18 min Scan# 4251

Delta R.T. 0.00 min

Lab File: BE093334.D

Acq: 23 Jun 2017 12:30

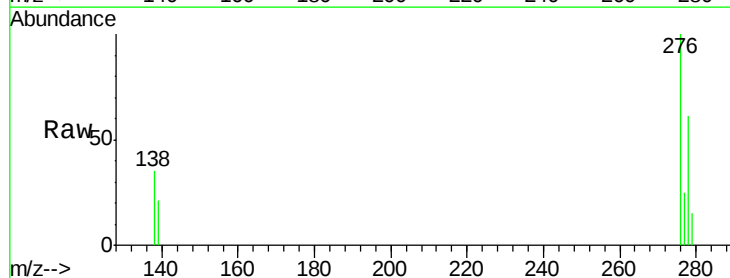
Tgt Ion:276 Resp: 15769

Ion Ratio Lower Upper

276 100

138 35.0 28.0 42.0

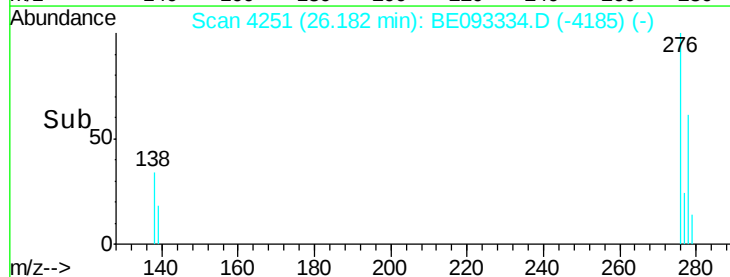
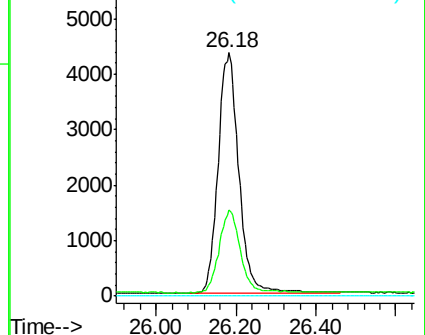
227 0.0 8.0 12.0#

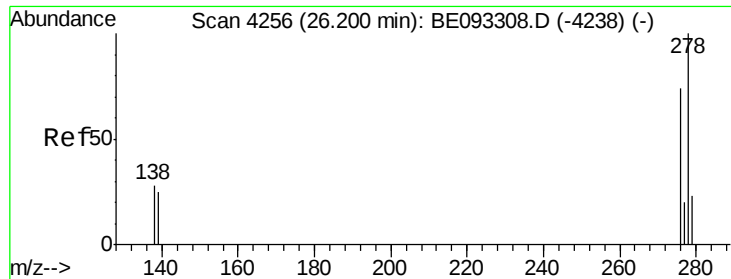


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

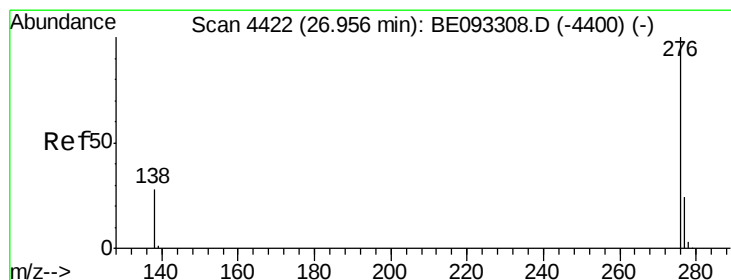
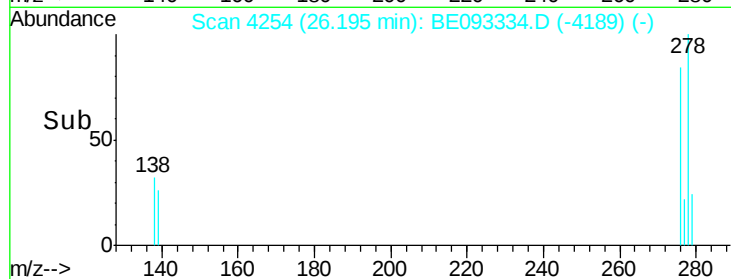
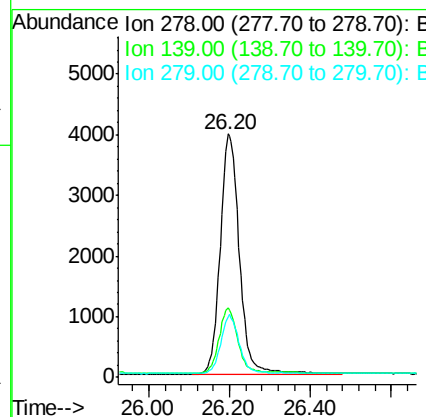
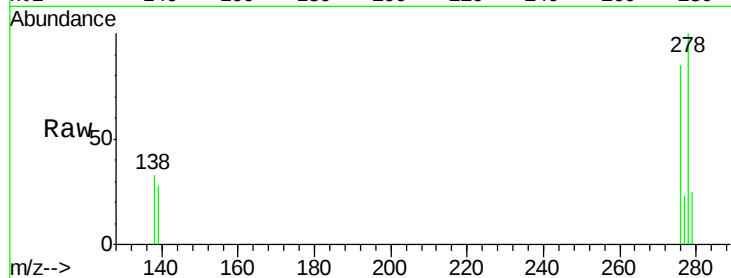




#25
Dibenzo(a,h)anthracene
Concen: 0.40 ng/ul
RT: 26.20 min Scan# 4254
Delta R.T. -0.00 min
Lab File: BE093334.D
Acq: 23 Jun 2017 12:30

Instrument :
BNA_E
ClientSampleId :
DFTPP74

Tgt Ion: 278 Resp: 13170
Ion Ratio Lower Upper
278 100
139 28.3 17.4 26.0#
279 25.1 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. 0.00 min
Lab File: BE093334.D
Acq: 23 Jun 2017 12:30

Tgt Ion: 276 Resp: 12973
Ion Ratio Lower Upper
276 100
138 29.7 21.8 32.8
277 25.0 20.5 30.7

