

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081517\
 Data File : BE093815.D
 Acq On : 15 Aug 2017 19:47
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.407

Quant Time: Aug 16 05:46:52 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 05:35:21 2017
 Response via : Initial Calibration

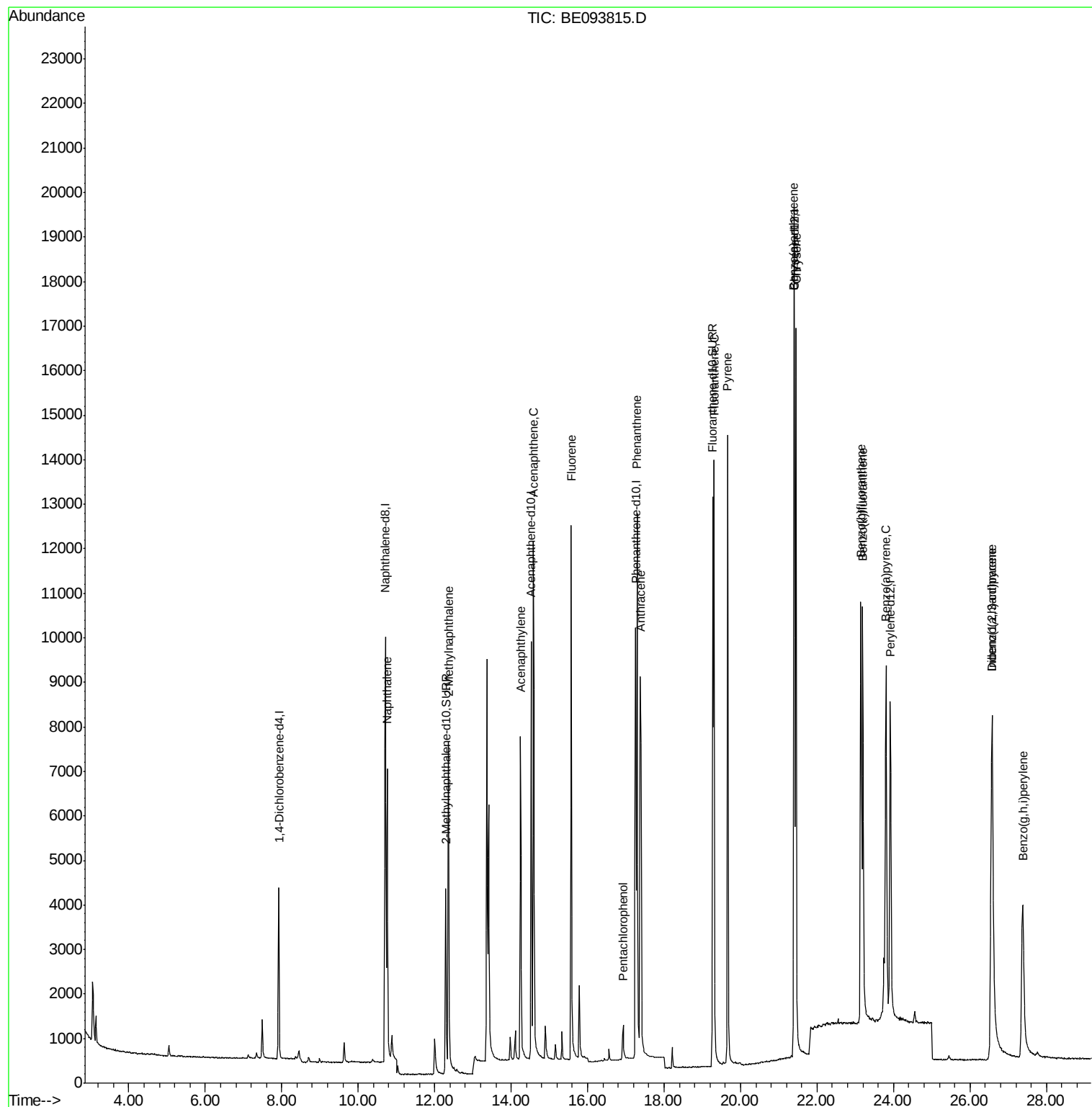
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2107	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11061	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6084	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13847	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	14836	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	12375	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6869	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	15545	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	10569	0.393	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	7220	0.368	ng/ul	99
7) Acenaphthylene	14.25	152	10297	0.405	ng/ul	96
8) Acenaphthene	14.59	153	7836	0.391	ng/ul	96
9) Fluorene	15.57	166	8892	0.351	ng/ul#	95
11) Pentachlorophenol	16.93	266	878	0.384	ng/ul	94
12) Phenanthrene	17.29	178	14474	0.384	ng/ul#	89
13) Anthracene	17.38	178	14112	0.384	ng/ul#	87
15) Fluoranthene	19.30	202	16298	0.346	ng/ul	85
17) Pyrene	19.66	202	17144	0.396	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	16059	0.373	ng/ul#	86
19) Chrysene	21.45	228	16520	0.400	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	14634	0.382	ng/ul	87
22) Benzo(k)fluoranthene	23.20	252	15173	0.402	ng/ul	90
23) Benzo(a)pyrene	23.80	252	14550	0.400	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.57	276	13920	0.346	ng/ul#	85
25) Dibenzo(a,h)anthracene	26.59	278	11541	0.344	ng/ul	94
26) Benzo(g,h,i)perylene	27.38	276	11158	0.329	ng/ul	98

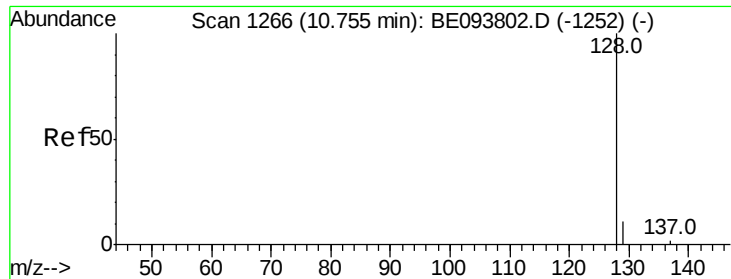
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE093815.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Quant Time: Aug 16 05:46:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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#3

Naphthalene

Concen: 0.393 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093815.D

Acq: 15 Aug 2017 19:47

Instrument :

BNA_E

ClientSampleId :

SSTD0.407

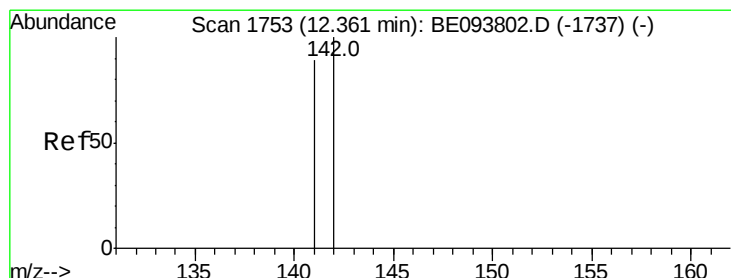
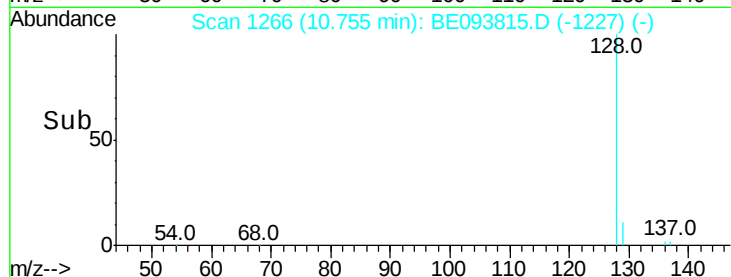
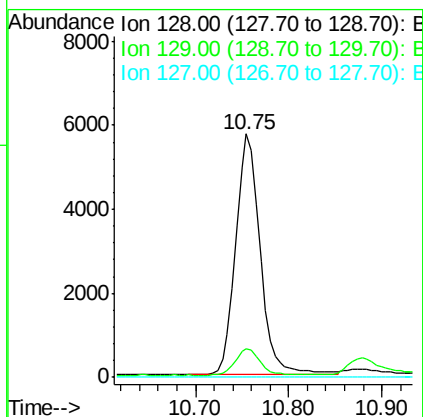
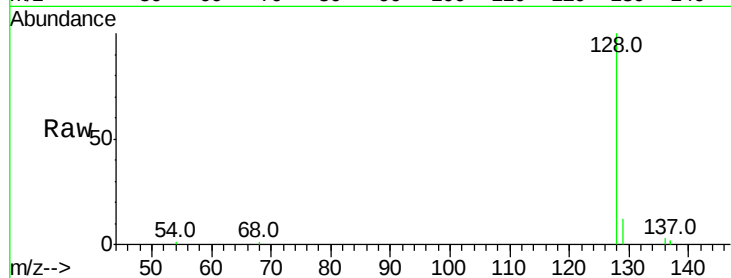
Tot Ion:128 Resp: 10569

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.368 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093815.D

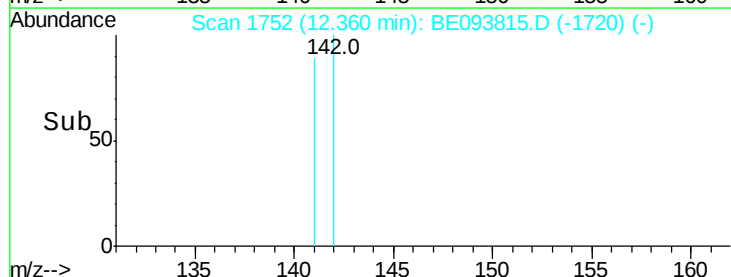
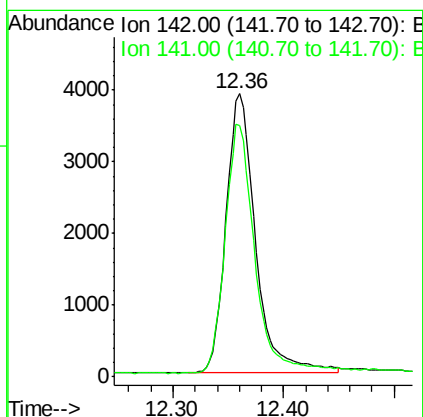
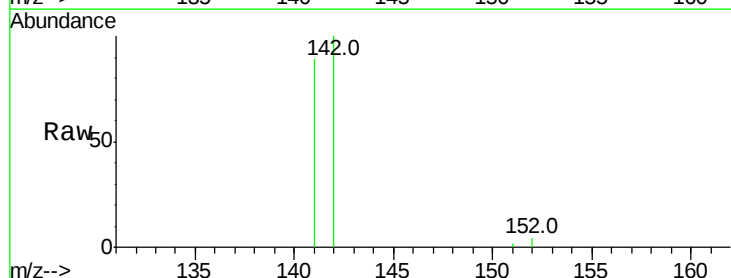
Acq: 15 Aug 2017 19:47

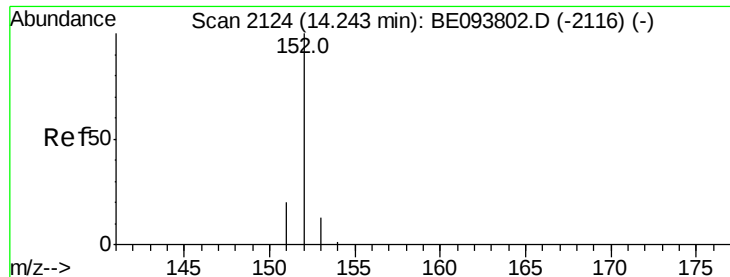
Tgt Ion:142 Resp: 7220

Ion Ratio Lower Upper

142 100

141 89.4 72.6 108.8





#7

Acenaphthylene

Concen: 0.405 ng/ul

RT: 14.25 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE093815.D

Acq: 15 Aug 2017 19:47

Instrument :

BNA_E

ClientSampleId :

SSTD0.407

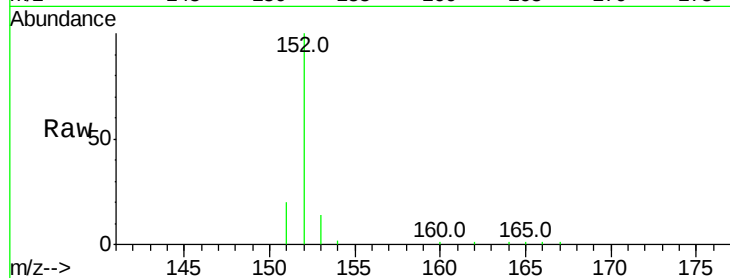
Tot Ion:152 Resp: 10297

Ion Ratio Lower Upper

152 100

151 19.9 17.1 25.7

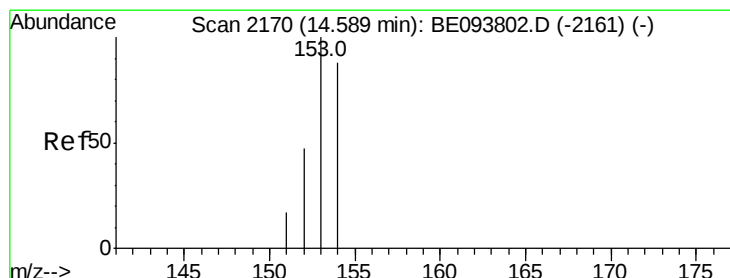
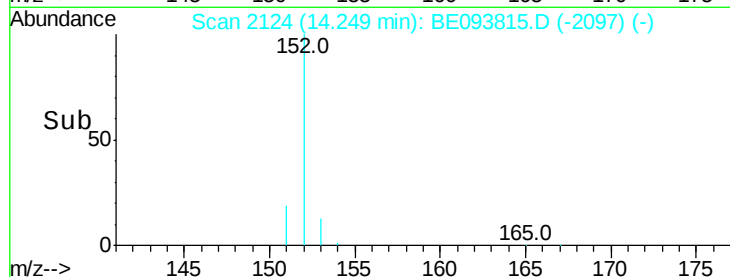
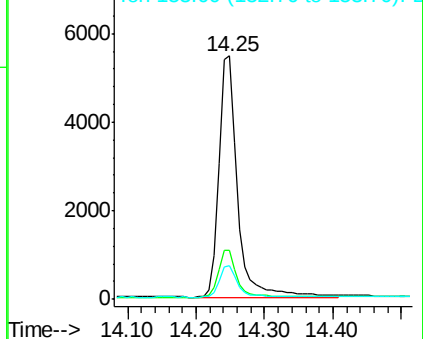
153 14.0 12.8 19.2



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: 0.391 ng/ul

RT: 14.59 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE093815.D

Acq: 15 Aug 2017 19:47

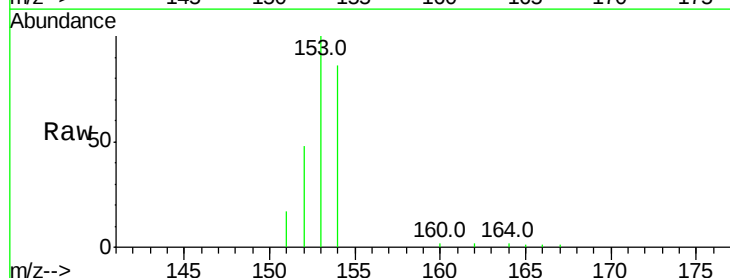
Tgt Ion:153 Resp: 7836

Ion Ratio Lower Upper

153 100

152 47.7 40.3 60.5

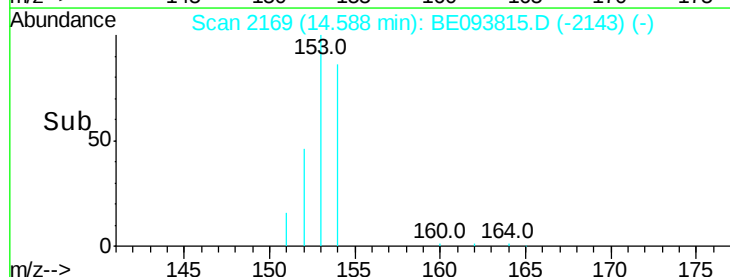
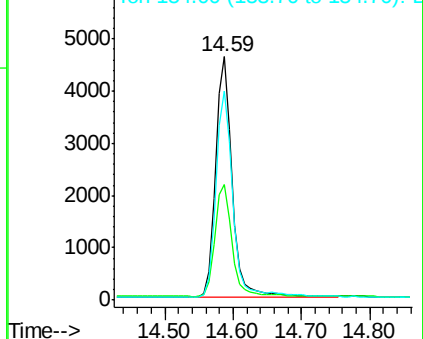
154 85.8 71.4 107.2

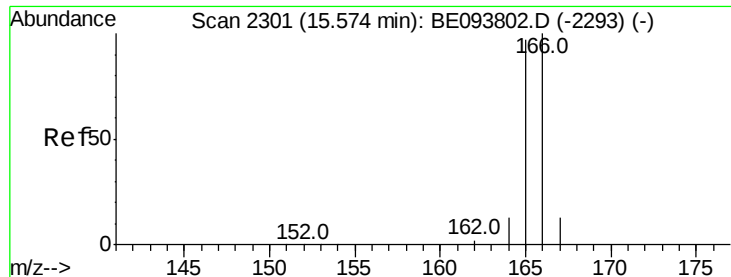


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

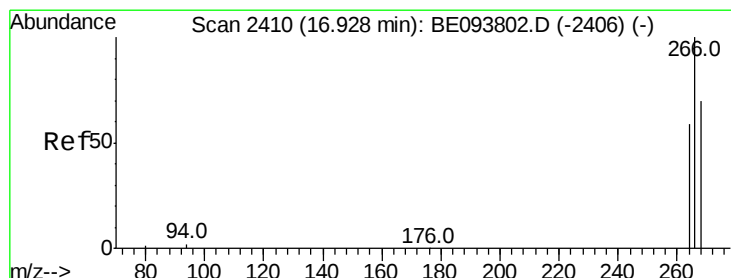
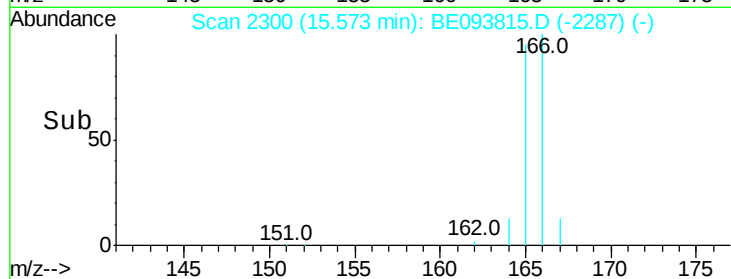
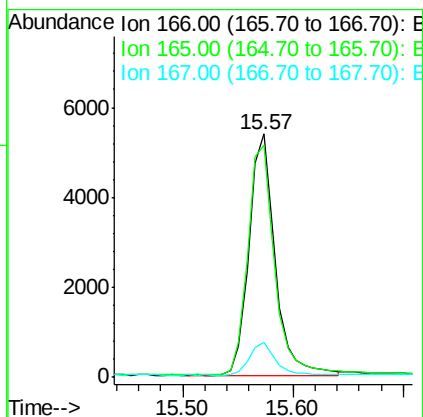
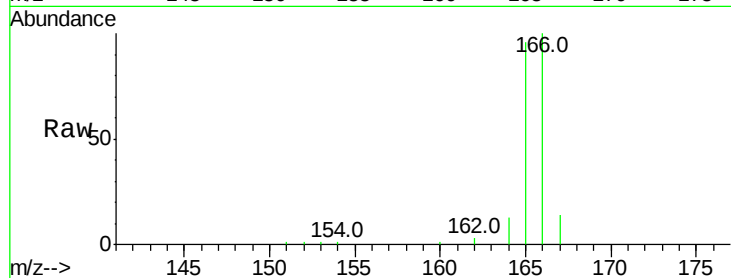




#9
Fluorene
 Concen: 0.351 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BE093815.D
 Acq: 15 Aug 2017 19:47

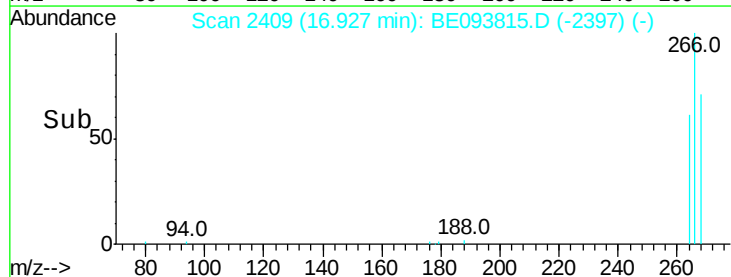
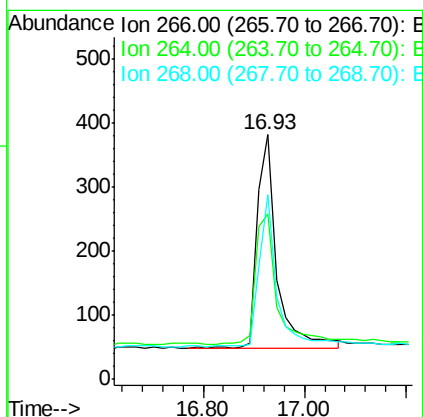
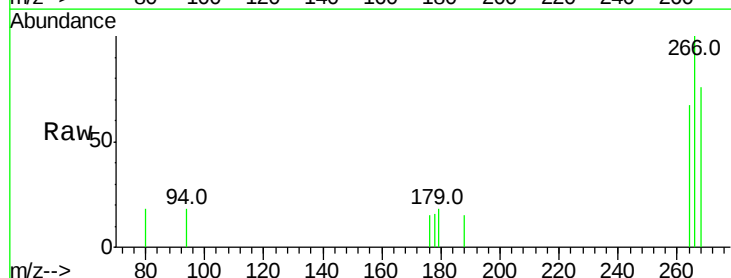
Instrument :
 BNA_E
 ClientSampleId :
 SST00.407

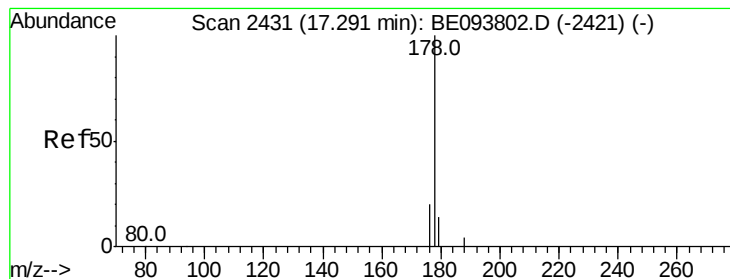
Tot Ion:166 Resp: 8892
 Ion Ratio Lower Upper
 166 100
 165 95.6 73.4 110.2
 167 14.3 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.384 ng/ul
 RT: 16.93 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BE093815.D
 Acq: 15 Aug 2017 19:47

Tgt Ion:266 Resp: 878
 Ion Ratio Lower Upper
 266 100
 264 67.2 47.9 71.9
 268 64.9 49.8 74.8





#12

Phenanthrene

Concen: 0.384 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BE093815.D

Acq: 15 Aug 2017 19:47

Instrument :

BNA_E

ClientSampleId :

SSTD0.407

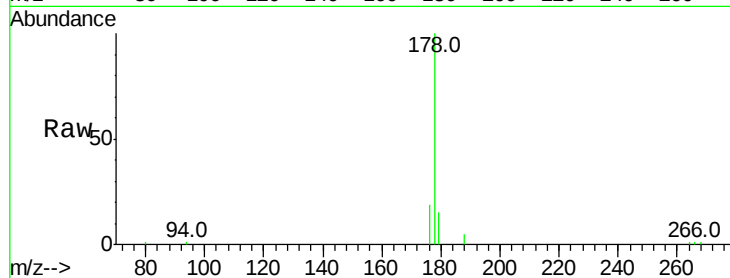
Tot Ion:178 Resp: 14474

Ion Ratio Lower Upper

178 100

179 15.2 18.4 27.6#

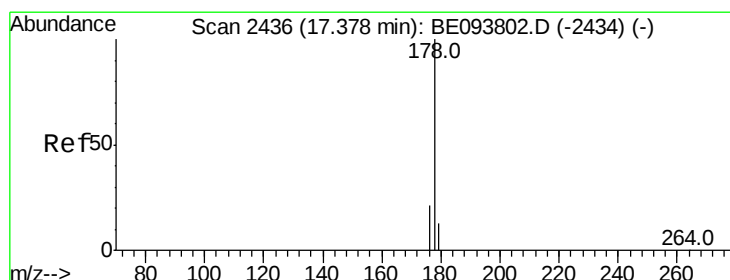
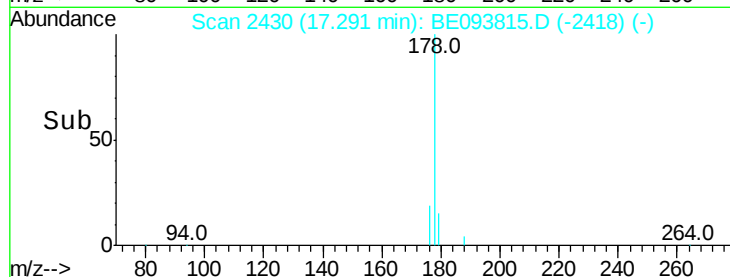
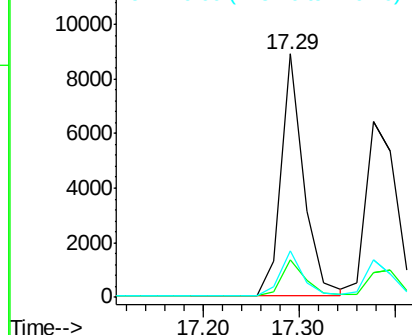
176 19.3 13.6 20.4



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: 0.384 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BE093815.D

Acq: 15 Aug 2017 19:47

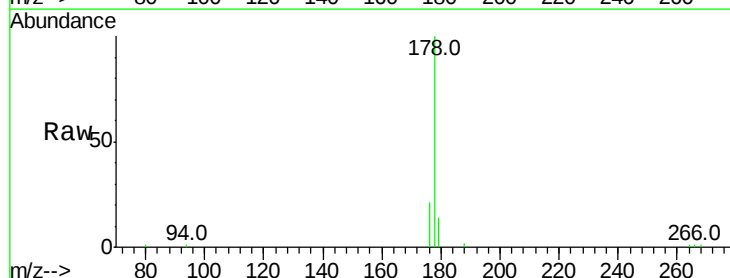
Tgt Ion:178 Resp: 14112

Ion Ratio Lower Upper

178 100

179 14.2 18.1 27.1#

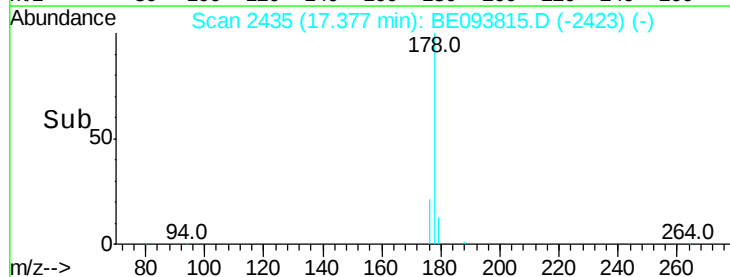
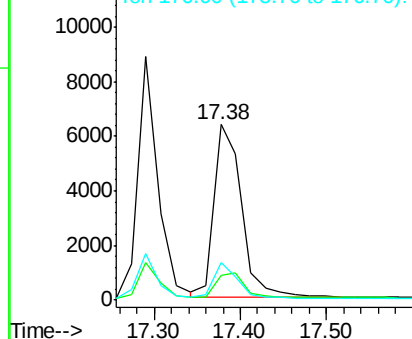
176 21.5 14.7 22.1

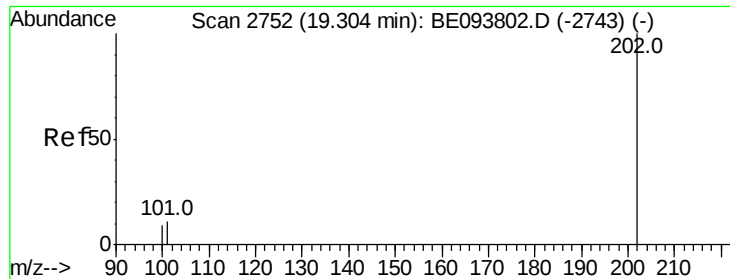


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

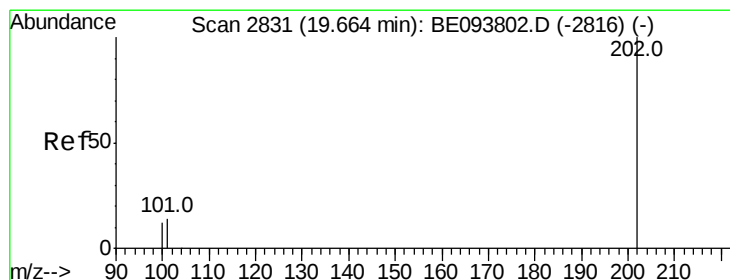
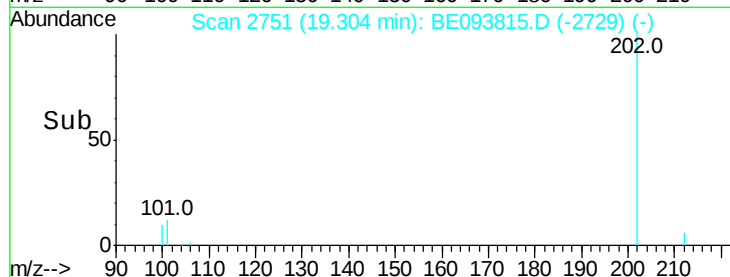
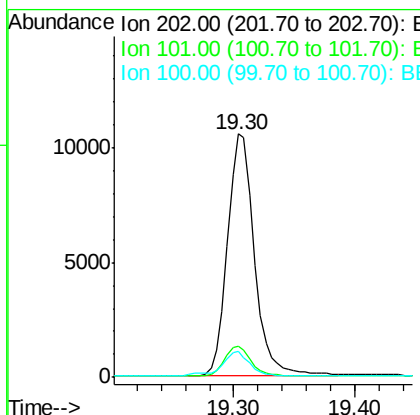
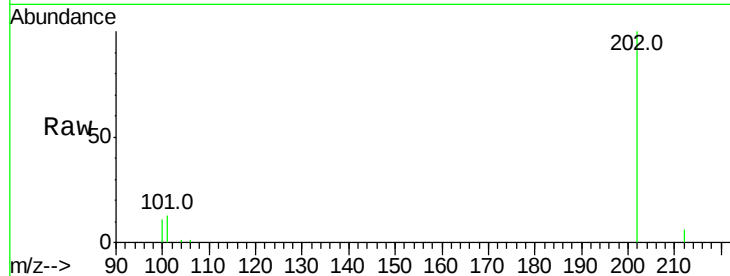




#15
Fluoranthene
 Concen: 0.346 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093815.D
 Acq: 15 Aug 2017 19:47

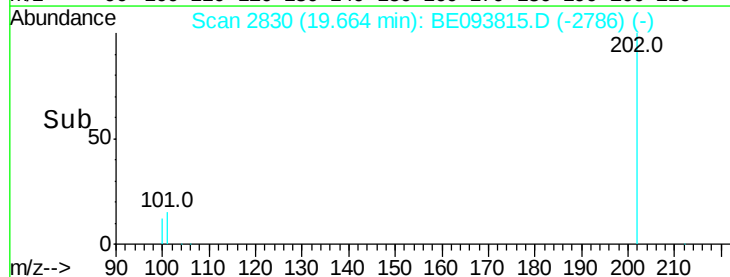
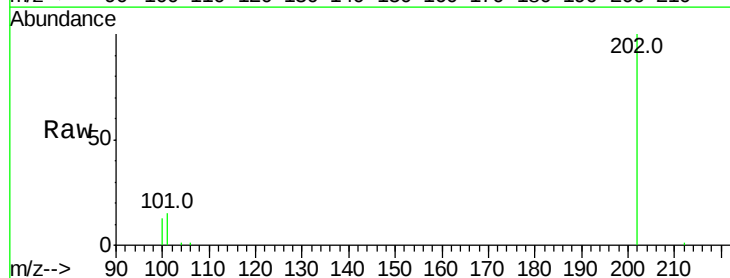
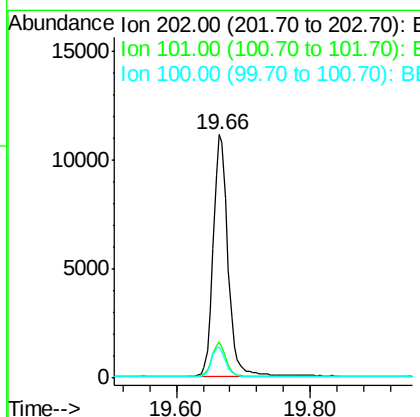
Instrument :
 BNA_E
 ClientSampleId :
 SST00.407

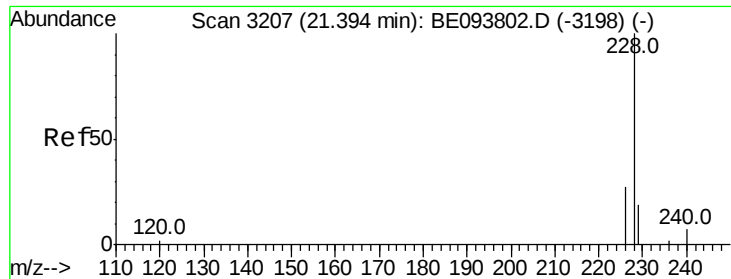
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.3
100	10.6	0.0	39.5



#17
Pyrene
 Concen: 0.396 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BE093815.D
 Acq: 15 Aug 2017 19:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	18.2	27.4#
100	12.6	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.373 ng/ul

RT: 21.40 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BE093815.D

Acq: 15 Aug 2017 19:47

Instrument :

BNA_E

ClientSampleId :

SSTD0.407

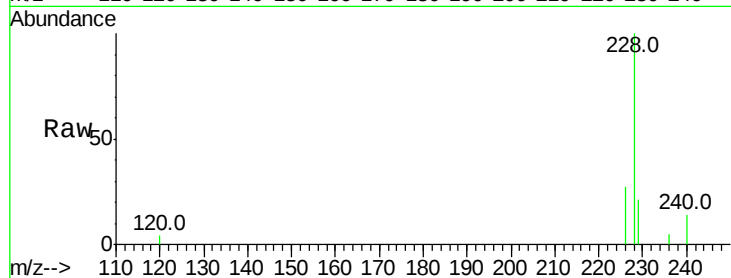
Tot Ion:228 Resp: 16059

Ion Ratio Lower Upper

228 100

229 20.8 22.8 34.2#

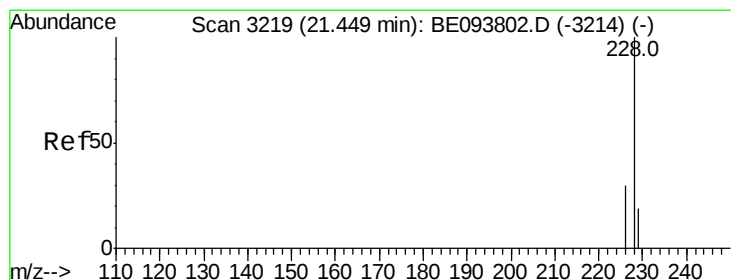
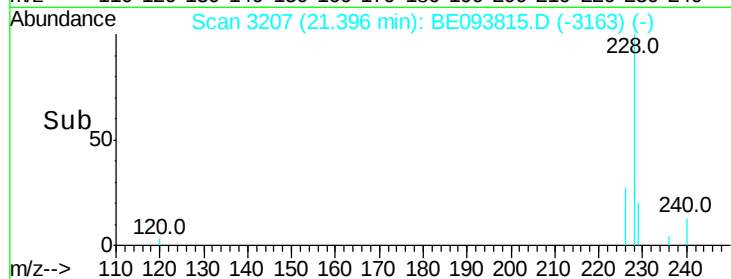
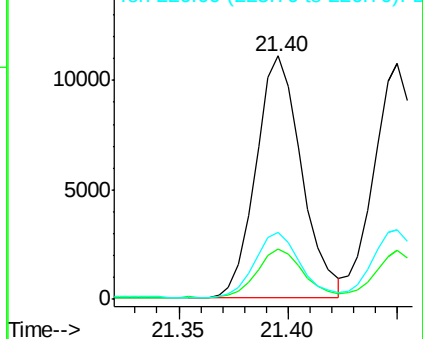
226 27.3 17.0 25.6#



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: 0.400 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BE093815.D

Acq: 15 Aug 2017 19:47

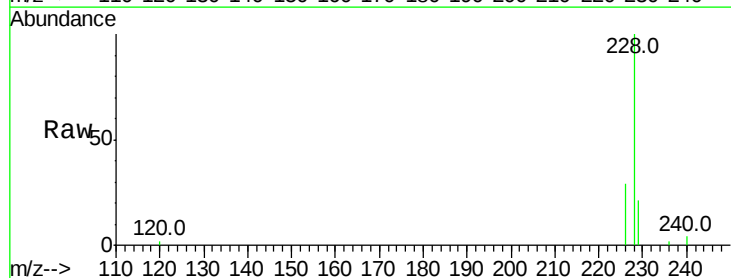
Tgt Ion:228 Resp: 16520

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.0

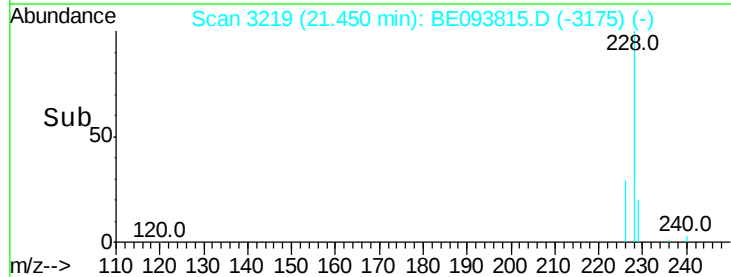
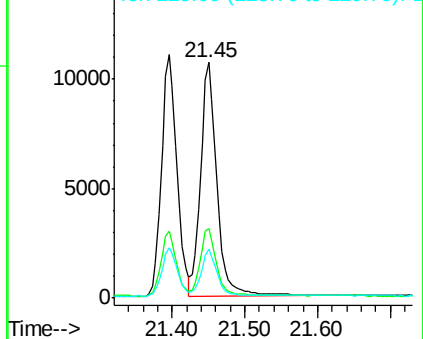
229 21.0 17.7 26.5

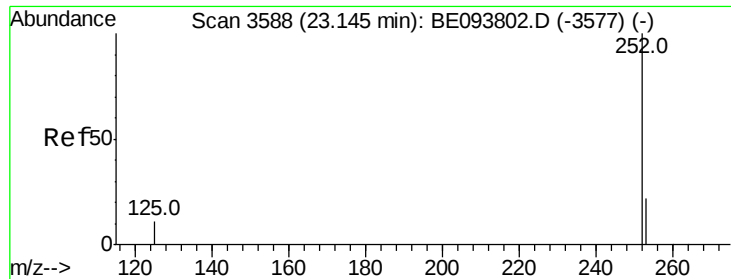


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.382 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BE093815.D

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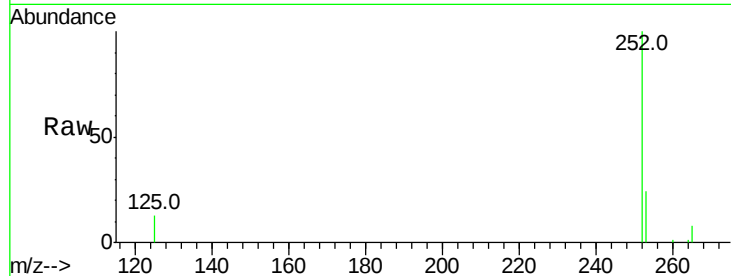
Tot Ion:252 Resp: 14634

Ion Ratio Lower Upper

252 100

253 24.2 0.0 64.2

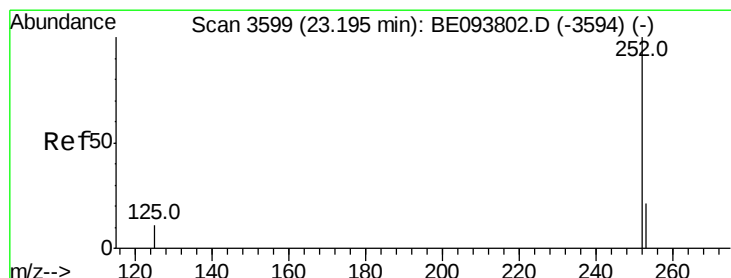
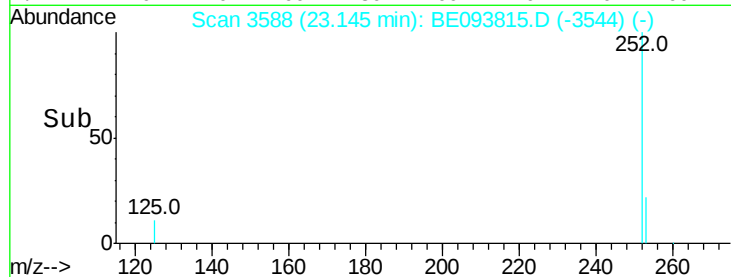
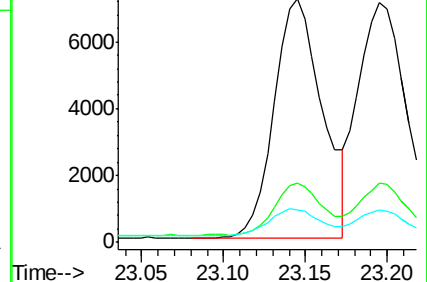
125 13.3 0.0 35.0



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: 0.402 ng/ul

RT: 23.20 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE093815.D

Acq: 15 Aug 2017 19:47

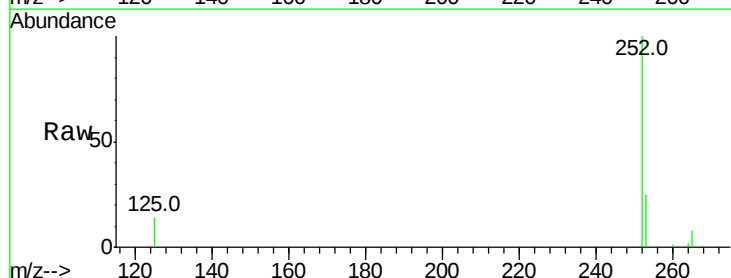
Tgt Ion:252 Resp: 15173

Ion Ratio Lower Upper

252 100

253 24.5 24.5 36.7

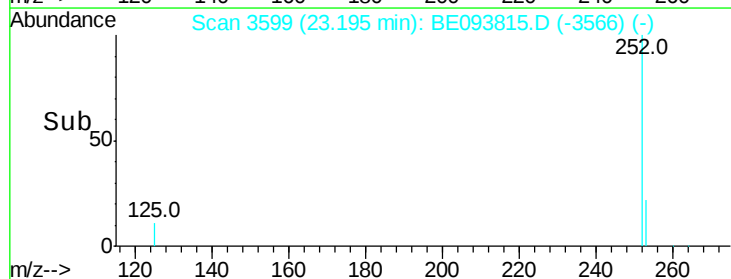
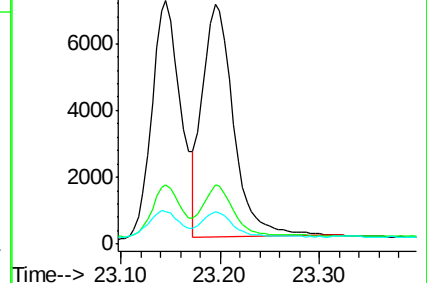
125 13.8 13.7 20.5

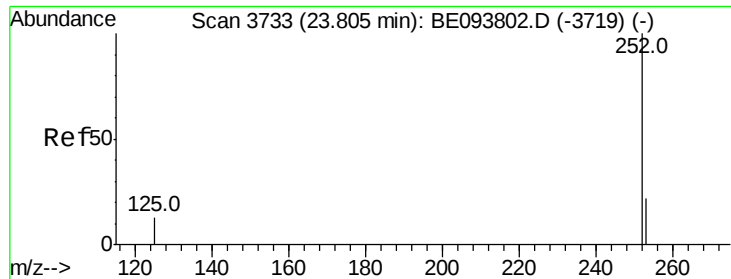


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.80 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE093815.D

Acq: 15 Aug 2017 19:47

Instrument :

BNA_E

ClientSampleId :

SSTD0.407

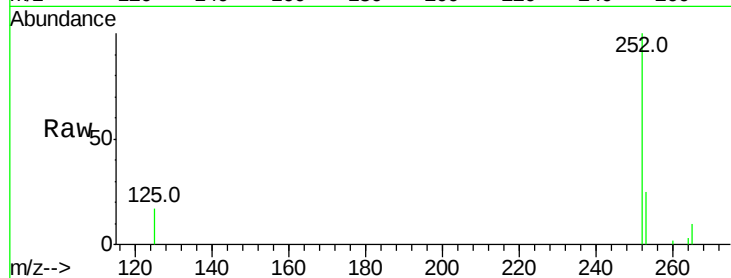
Tot Ion:252 Resp: 14550

Ion Ratio Lower Upper

252 100

253 25.4 28.5 42.7#

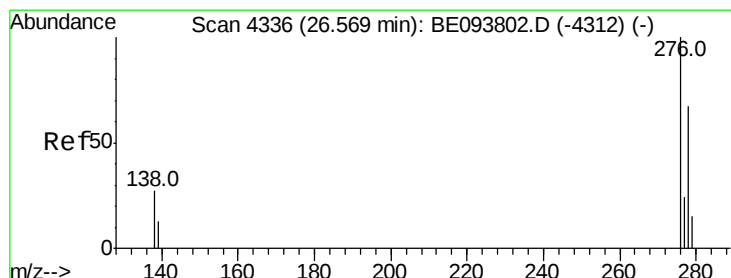
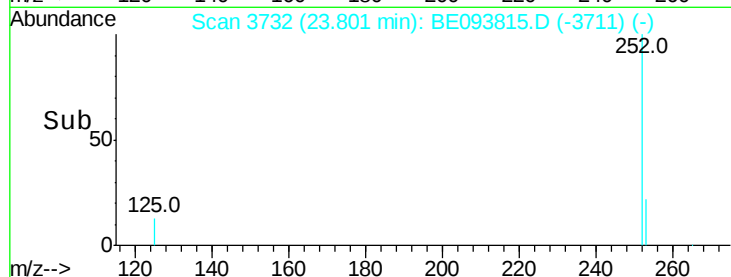
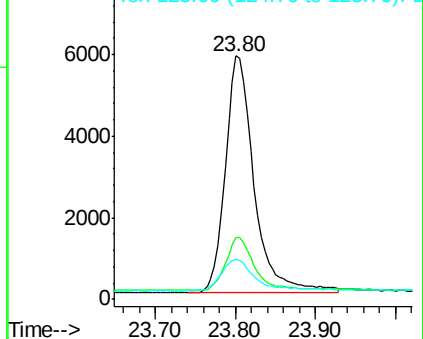
125 16.6 18.1 27.1#



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: 0.346 ng/ul

RT: 26.57 min Scan# 4336

Delta R.T. -0.00 min

Lab File: BE093815.D

Acq: 15 Aug 2017 19:47

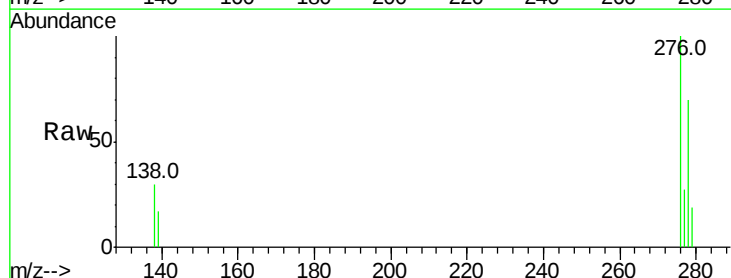
Tgt Ion:276 Resp: 13920

Ion Ratio Lower Upper

276 100

138 28.3 28.0 42.0

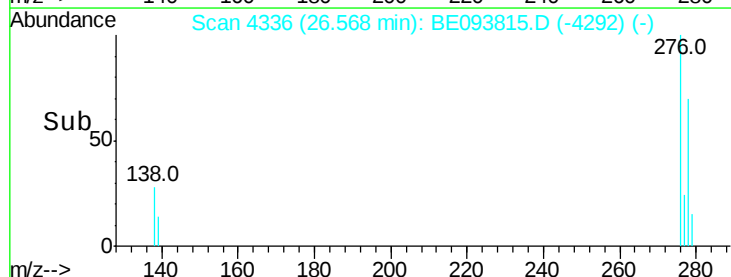
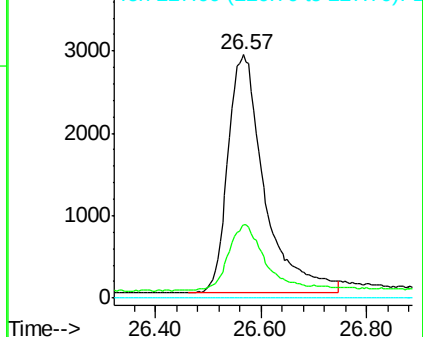
227 0.0 8.0 12.0#

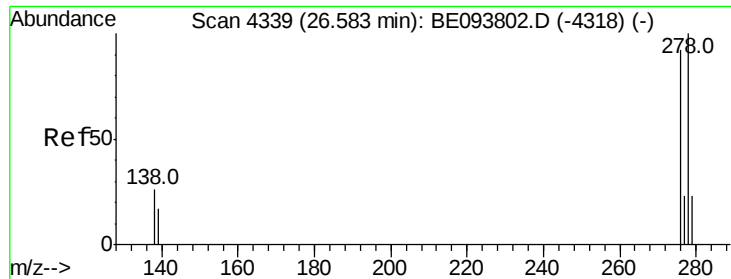


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



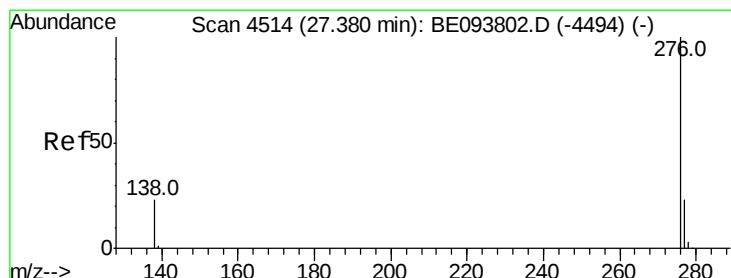
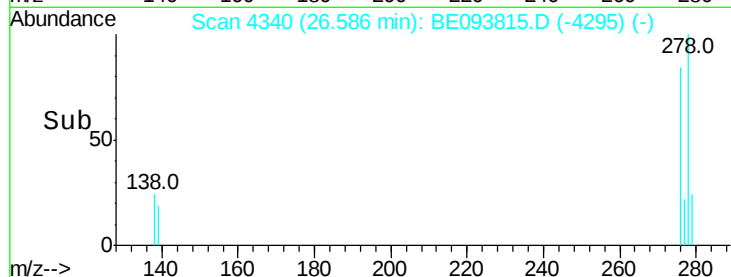
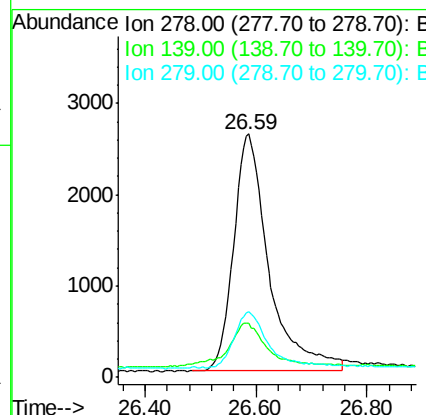
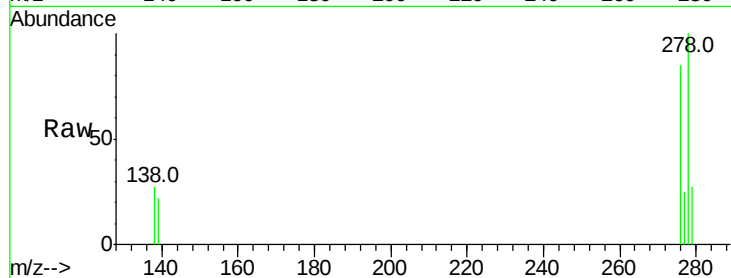


#25
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 26.59 min Scan# 4340
Delta R.T. 0.00 min
Lab File: BE093815.D
Acq: 15 Aug 2017 19:47

Instrument :
BNA_E
ClientSampleId :
SSTD0.407

Tot Ion:278 Resp: 11541

Ion	Ratio	Lower	Upper
278	100		
139	22.5	17.4	26.0
279	27.1	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.329 ng/ul
RT: 27.38 min Scan# 4514
Delta R.T. -0.00 min
Lab File: BE093815.D
Acq: 15 Aug 2017 19:47

Tgt Ion:276 Resp: 11158

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.8
277	26.8	20.5	30.7

