

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060817\
 Data File : BE093091.D
 Acq On : 8 Jun 2017 21:27
 Operator : SJ/MA
 Sample : SSTDCCC0.4EC
 Misc : 0.07 PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 09 07:45:20 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	7.74	152	4858	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	21528	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	11336	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	31461	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	38751	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	32592	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	12390	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	33785	0.39	ng/ul	0.00

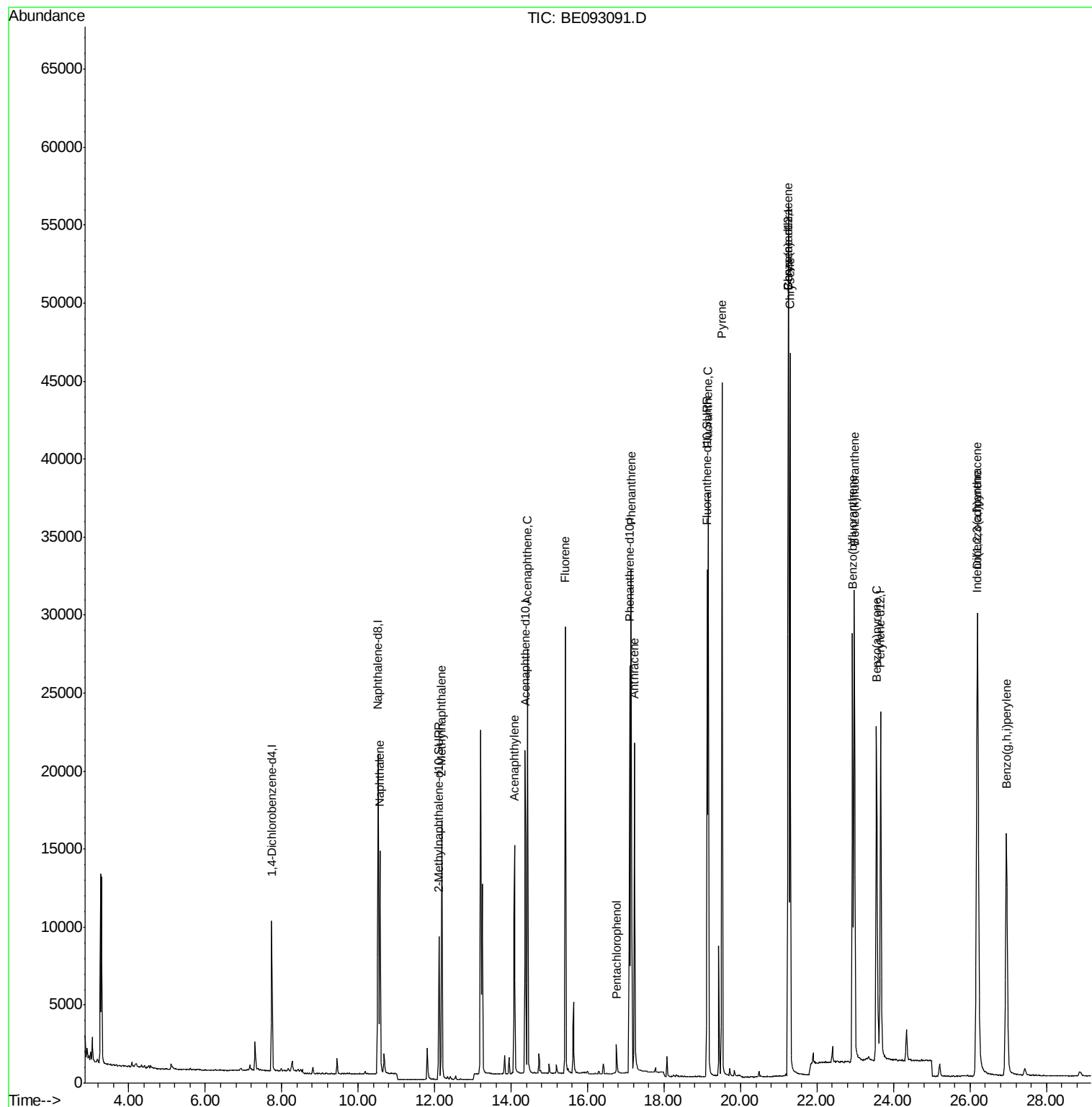
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	21297	0.399	ng/ul#	90
5) 2-Methylnaphthalene	12.19	142	14360	0.393	ng/ul	99
7) Acenaphthylene	14.09	152	17716	0.364	ng/ul	97
8) Acenaphthene	14.43	153	15290	0.390	ng/ul	100
9) Fluorene	15.42	166	17902	0.389	ng/ul#	90
11) Pentachlorophenol	16.76	266	1365	0.292	ng/ul	95
12) Phenanthrene	17.14	178	34535	0.399	ng/ul#	87
13) Anthracene	17.22	178	29168	0.387	ng/ul#	87
15) Fluoranthene	19.16	202	41669	0.393	ng/ul	83
17) Pyrene	19.52	202	47780	0.418	ng/ul#	82
18) Benzo(a)anthracene	21.24	228	41919	0.406	ng/ul#	85
19) Chrysene	21.29	228	42135	0.393	ng/ul	96
21) Benzo(b)fluoranthene	22.93	252	36401	0.368	ng/ul	85
22) Benzo(k)fluoranthene	22.98	252	41266	0.393	ng/ul#	89
23) Benzo(a)pyrene	23.55	252	35657	0.381	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.18	276	41382	0.382	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.20	278	35324	0.387	ng/ul#	90
26) Benzo(g,h,i)perylene	26.95	276	35136	0.378	ng/ul	96

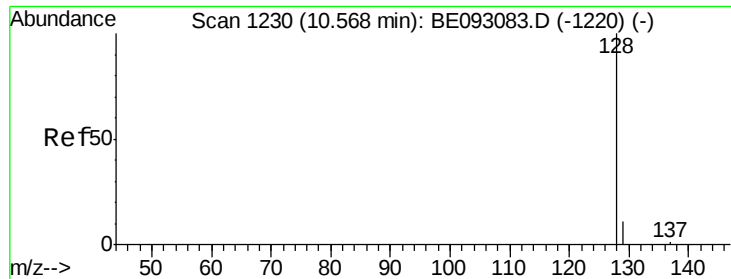
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060817\
Data File : BE093091.D
Acq On : 8 Jun 2017 21:27
Operator : SJ/MA
Sample : SSTDCCC0.4EC
Misc : 0.07 PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Jun 09 07:45:20 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: 0.399 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BE093091.D

Acq: 8 Jun 2017 21:27

Instrument :

BNA_E

ClientSampleId :

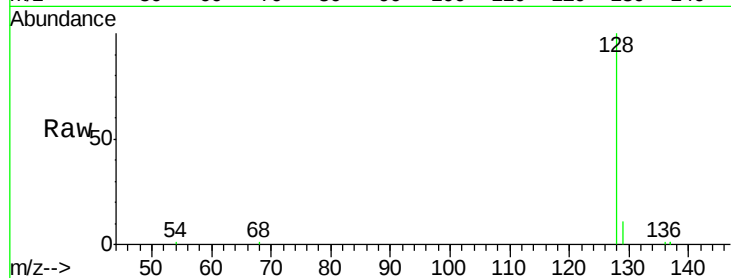
Tgt Ion:128 Resp: 21297

Ion Ratio Lower Upper

128 100

129 11.0 11.3 16.9#

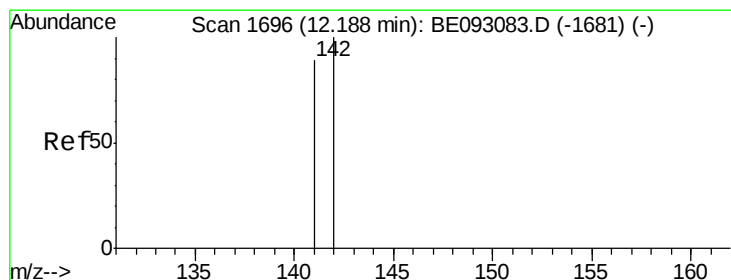
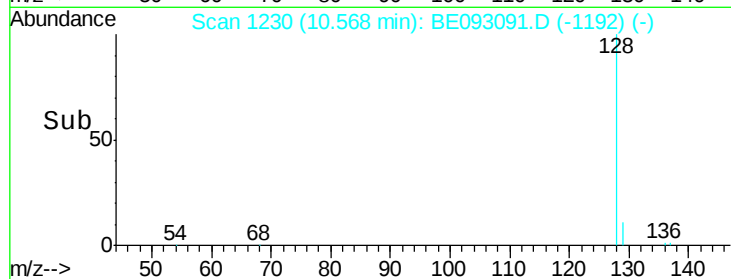
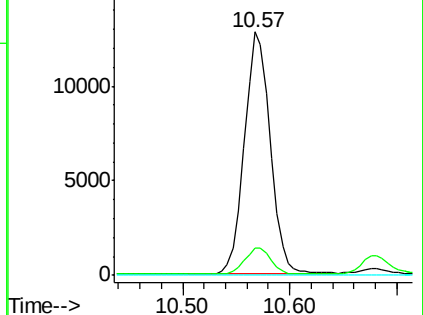
127 0.0 4.0 6.0#



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: 0.393 ng/ul

RT: 12.19 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BE093091.D

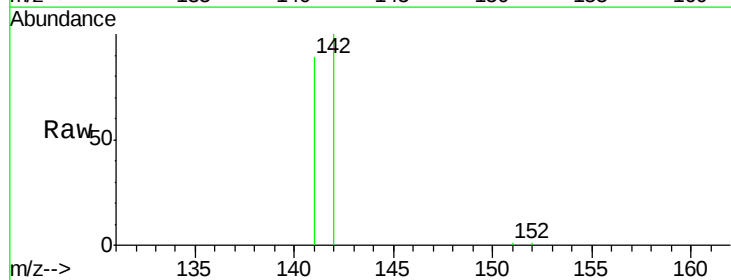
Acq: 8 Jun 2017 21:27

Tgt Ion:142 Resp: 14360

Ion Ratio Lower Upper

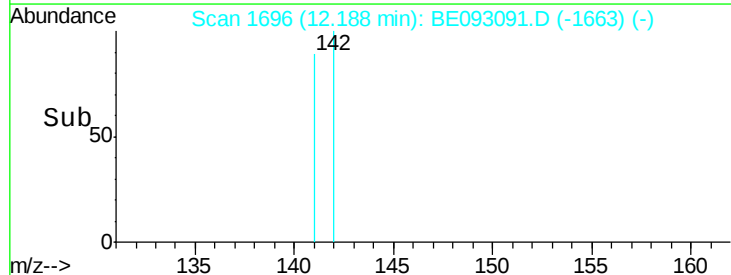
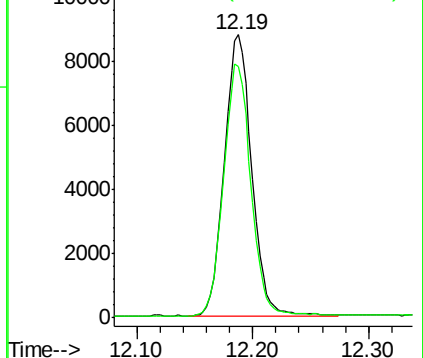
142 100

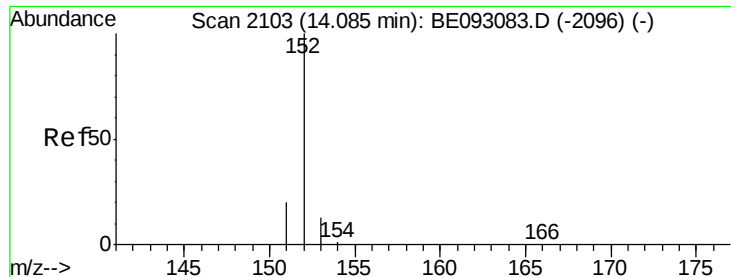
141 89.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.364 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093091.D

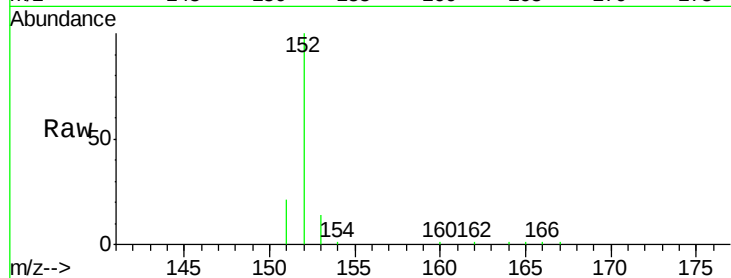
Acq: 8 Jun 2017 21:27

Instrument :

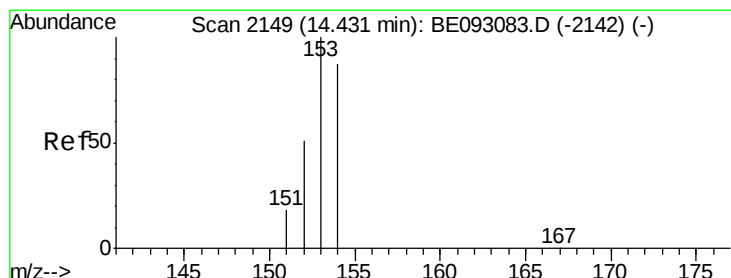
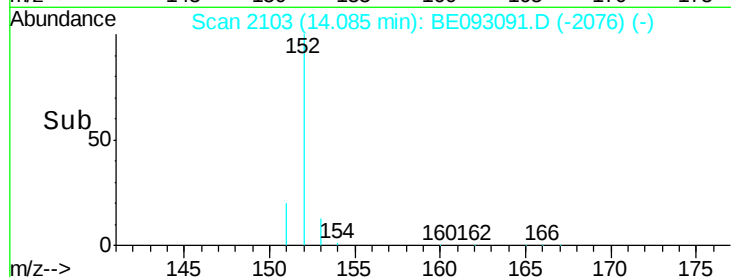
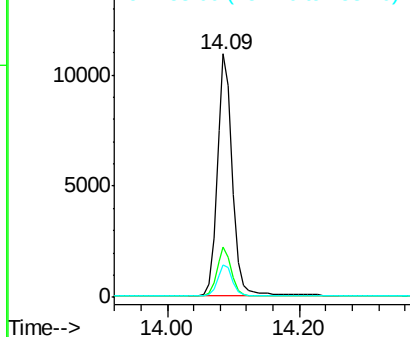
BNA_E

ClientSampled :

Tgt Ion:	152	Resp:	17716
Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.1	25.7
153	13.6	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: 0.390 ng/ul

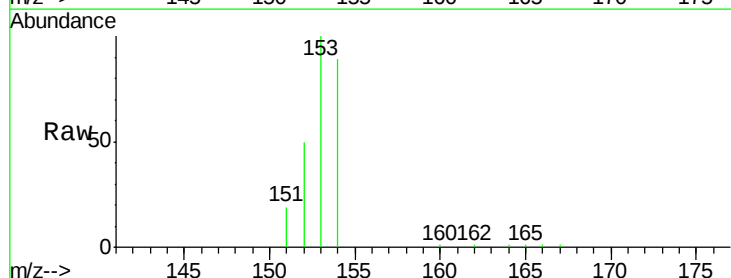
RT: 14.43 min Scan# 2149

Delta R.T. -0.00 min

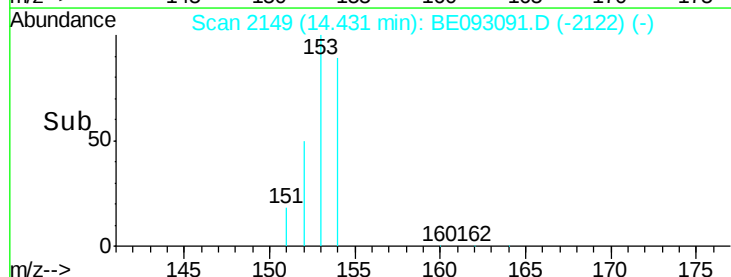
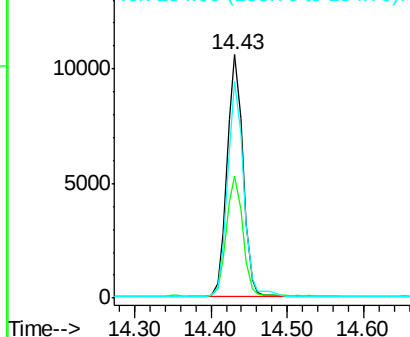
Lab File: BE093091.D

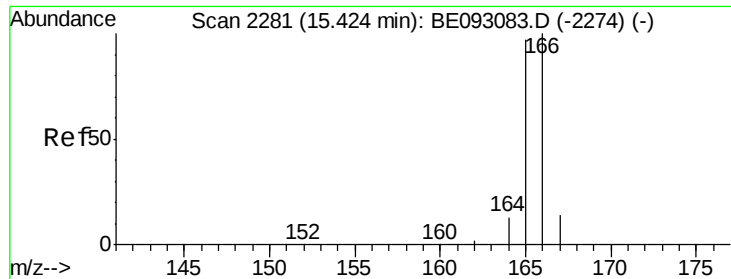
Acq: 8 Jun 2017 21:27

Tgt Ion:	153	Resp:	15290
Ion	Ratio	Lower	Upper
153	100		
152	50.3	40.3	60.5
154	88.9	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

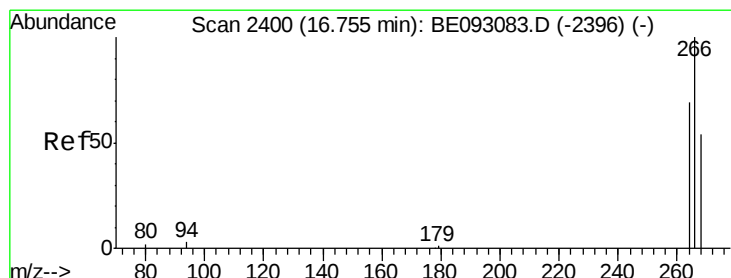
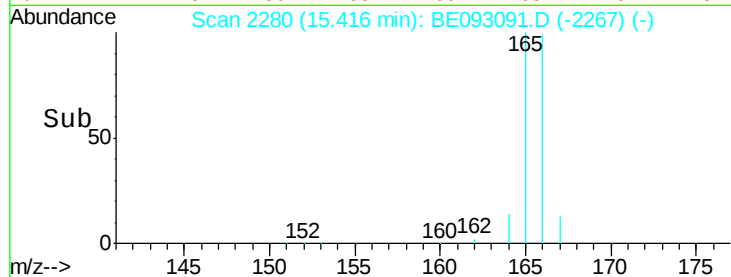
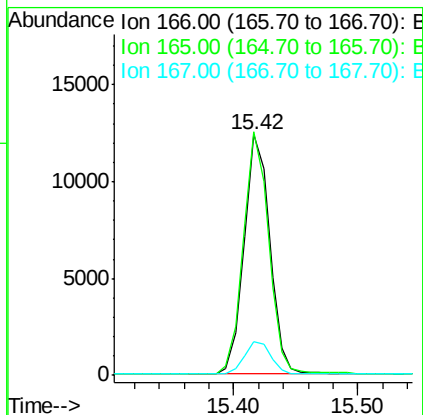
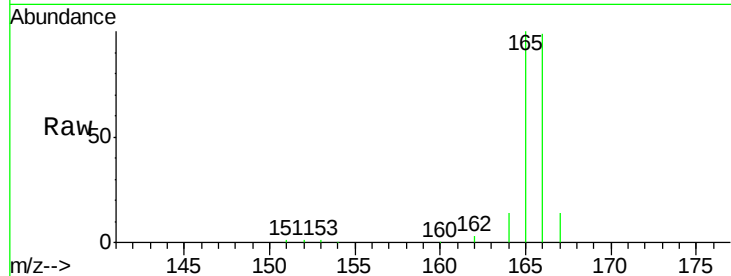




#9
Fluorene
 Concen: 0.389 ng/ul
 RT: 15.42 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE093091.D
 Acq: 8 Jun 2017 21:27

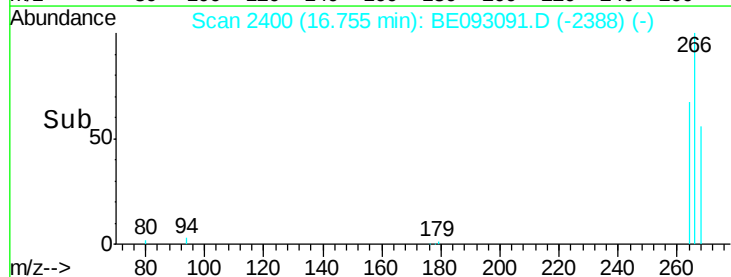
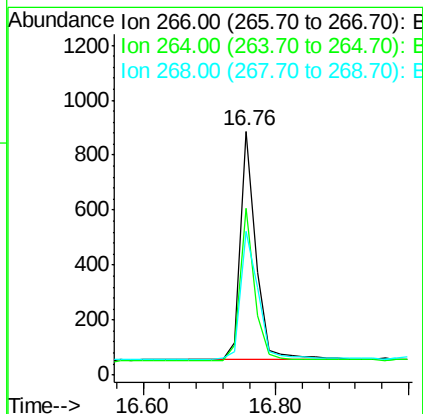
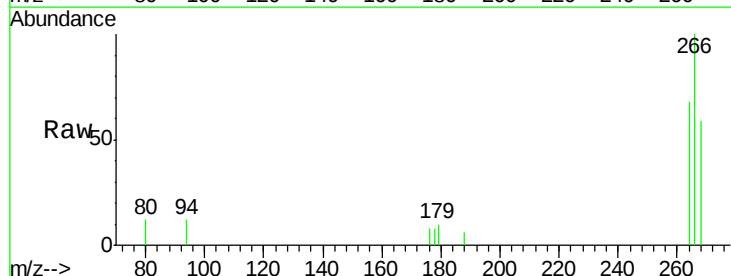
Instrument :
 BNA_E
 ClientSampleId :

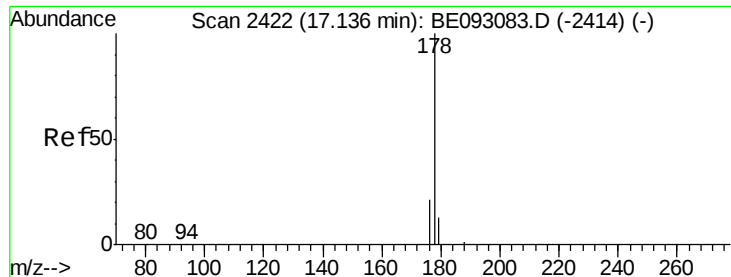
Tgt Ion:166 Resp: 17902
 Ion Ratio Lower Upper
 166 100
 165 101.2 73.4 110.2
 167 13.9 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.292 ng/ul
 RT: 16.76 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BE093091.D
 Acq: 8 Jun 2017 21:27

Tgt Ion:266 Resp: 1365
 Ion Ratio Lower Upper
 266 100
 264 63.4 47.9 71.9
 268 65.9 49.8 74.8





#12

Phenanthrene

Concen: 0.399 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093091.D

Acq: 8 Jun 2017 21:27

Instrument :

BNA_E

ClientSampleId :

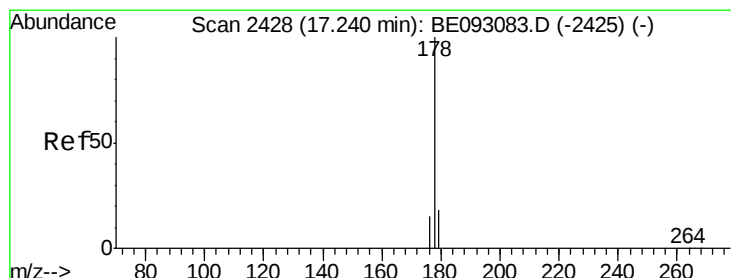
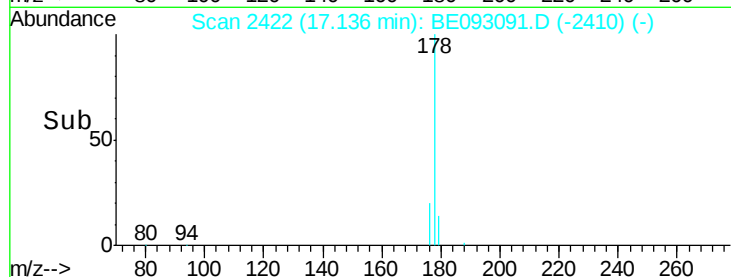
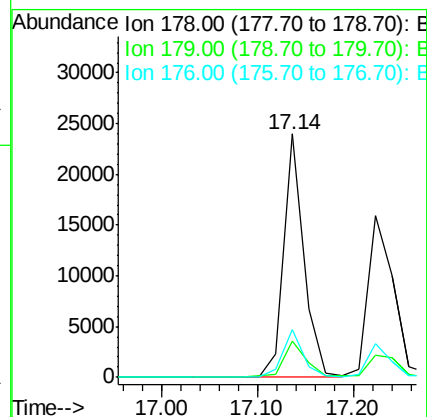
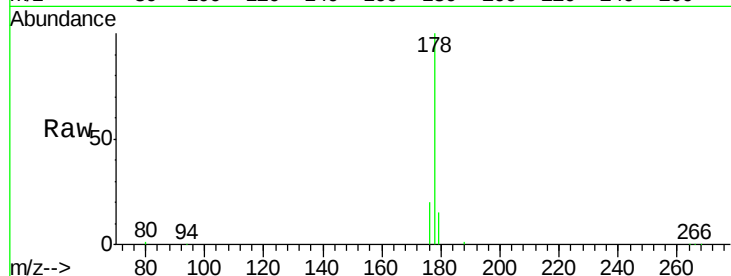
Tgt Ion:178 Resp: 34535

Ion Ratio Lower Upper

178 100

179 14.6 18.4 27.6#

176 19.8 13.6 20.4



#13

Anthracene

Concen: 0.387 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.02 min

Lab File: BE093091.D

Acq: 8 Jun 2017 21:27

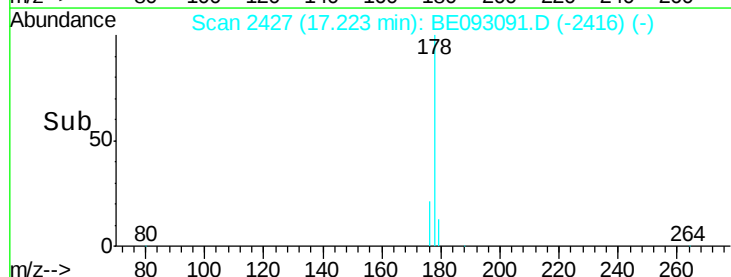
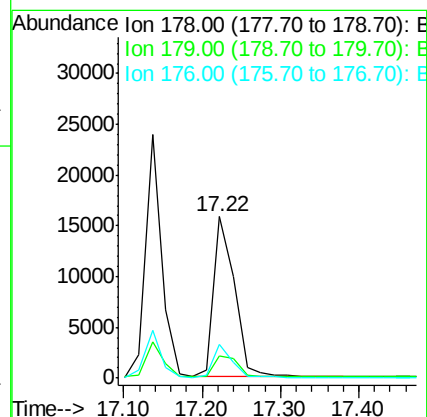
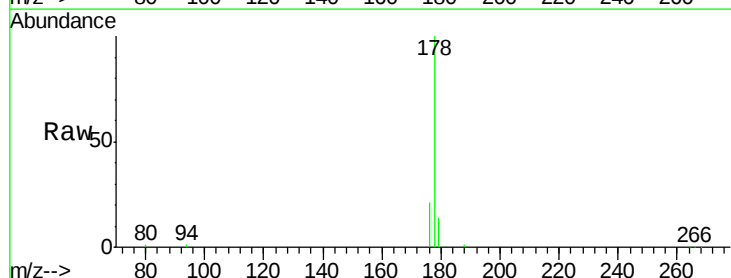
Tgt Ion:178 Resp: 29168

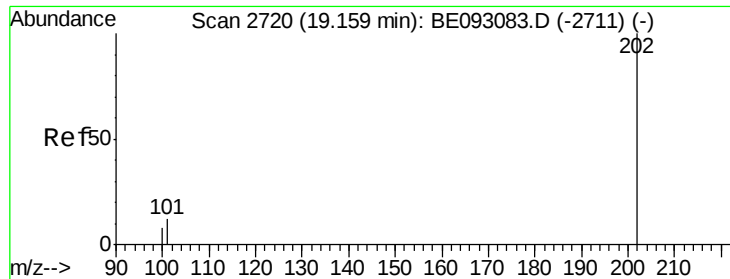
Ion Ratio Lower Upper

178 100

179 13.5 18.1 27.1#

176 20.9 14.7 22.1

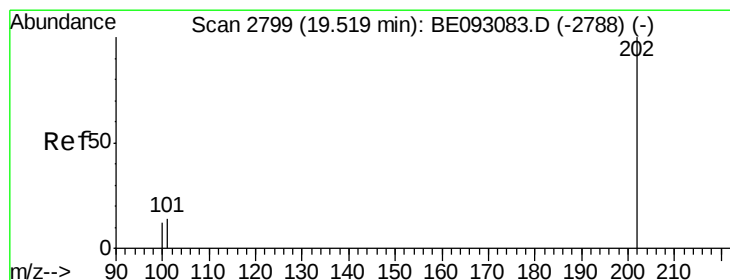
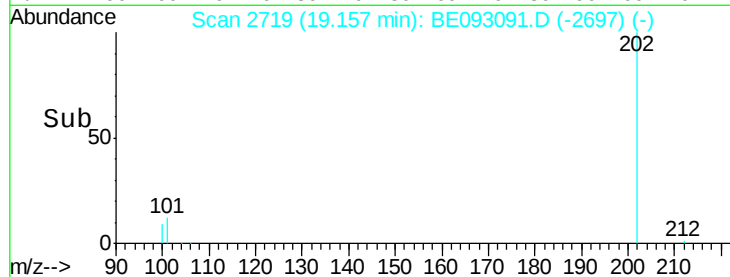
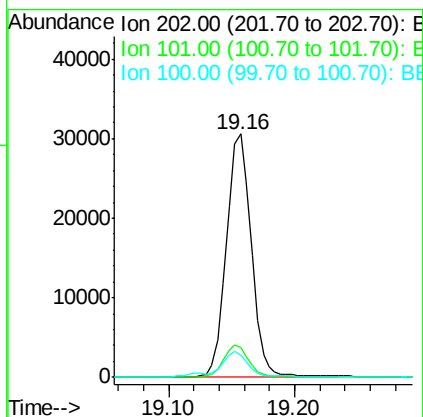
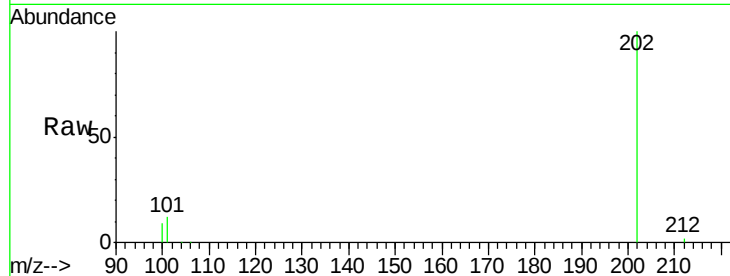




#15
Fluoranthene
 Concen: 0.393 ng/ul
 RT: 19.16 min Scan# 2719
 Delta R.T. -0.00 min
 Lab File: BE093091.D
 Acq: 8 Jun 2017 21:27

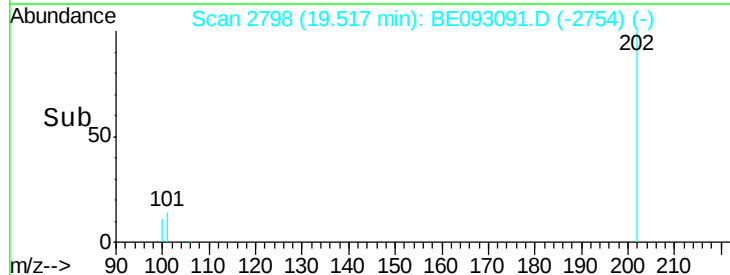
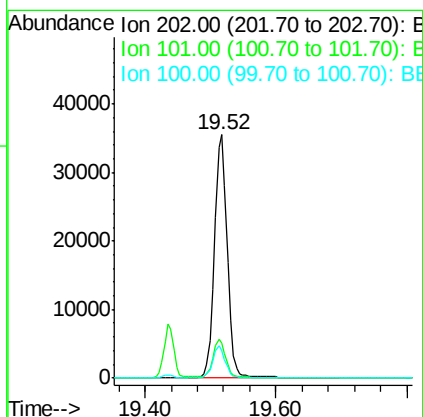
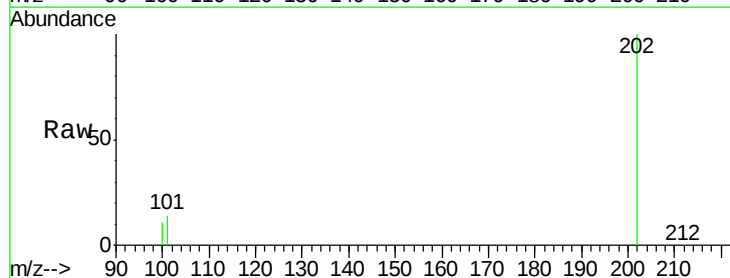
Instrument :
 BNA_E
 ClientSampleId :

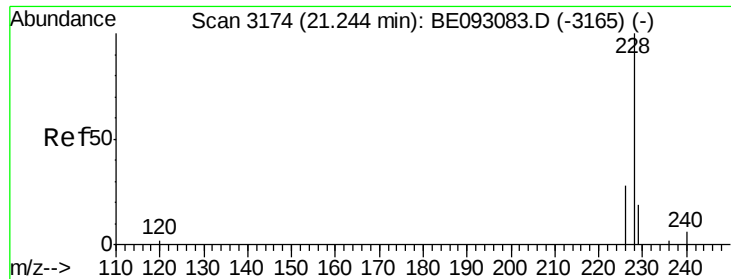
Tgt Ion:202 Resp: 41669
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 30.3
 100 9.2 0.0 39.5



#17
Pyrene
 Concen: 0.418 ng/ul
 RT: 19.52 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BE093091.D
 Acq: 8 Jun 2017 21:27

Tgt Ion:202 Resp: 47780
 Ion Ratio Lower Upper
 202 100
 101 14.2 18.2 27.4#
 100 11.5 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.406 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093091.D

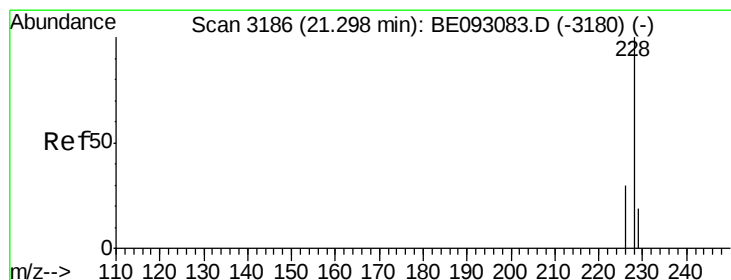
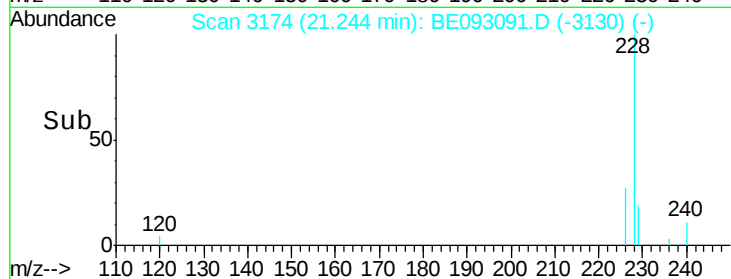
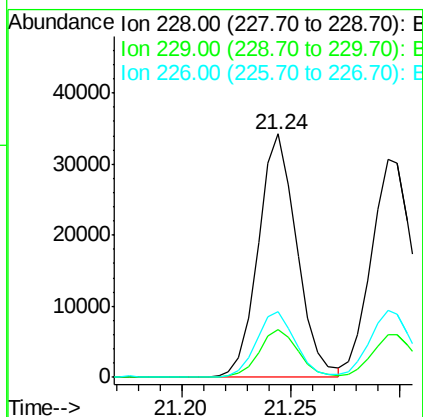
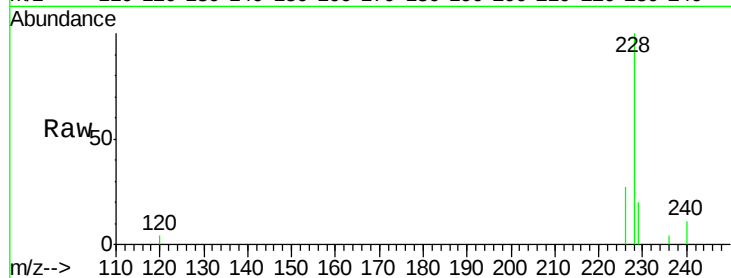
Acq: 8 Jun 2017 21:27

Instrument :

BNA_E

ClientSampled :

Tgt Ion:	228	Resp:	41919
Ion	Ratio	Lower	Upper
228	100		
229	19.6	22.8	34.2#
226	26.8	17.0	25.6#



#19

Chrysene

Concen: 0.393 ng/ul

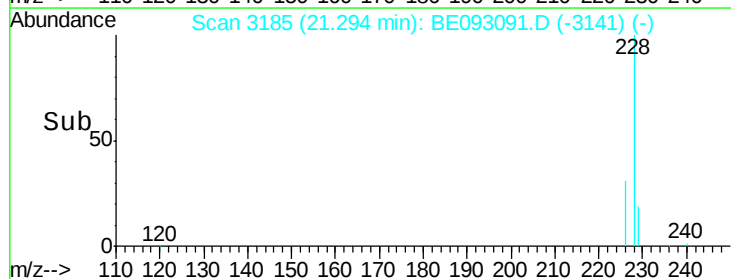
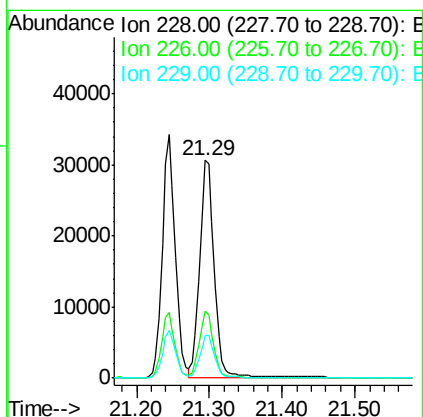
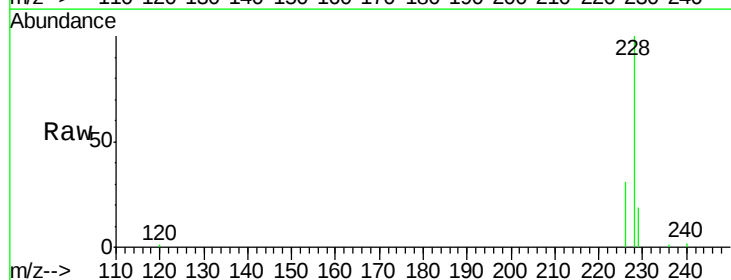
RT: 21.29 min Scan# 3185

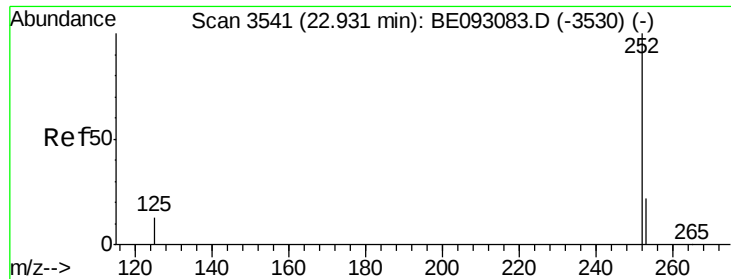
Delta R.T. -0.00 min

Lab File: BE093091.D

Acq: 8 Jun 2017 21:27

Tgt Ion:	228	Resp:	42135
Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	19.4	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.368 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BE093091.D

Acq: 8 Jun 2017 21:27

Instrument :

BNA_E

ClientSampleId :

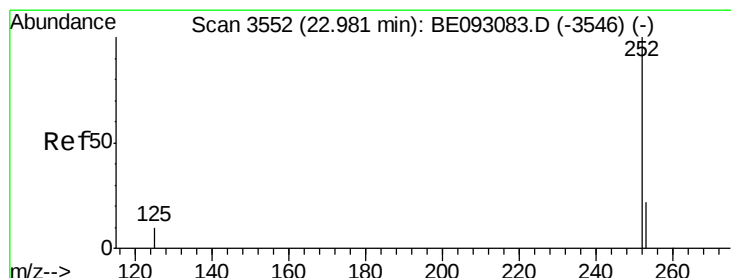
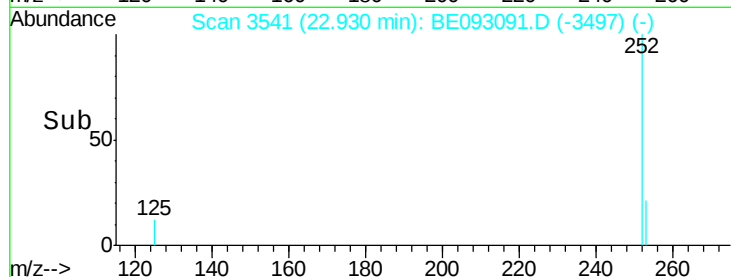
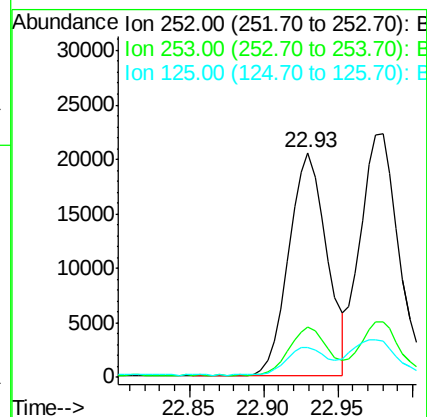
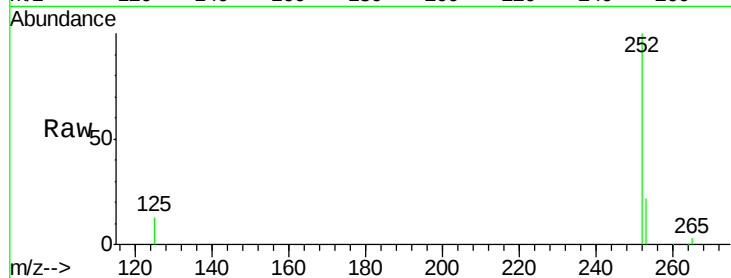
Tgt Ion:252 Resp: 36401

Ion Ratio Lower Upper

252 100

253 22.3 0.0 64.2

125 13.5 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.393 ng/ul

RT: 22.98 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BE093091.D

Acq: 8 Jun 2017 21:27

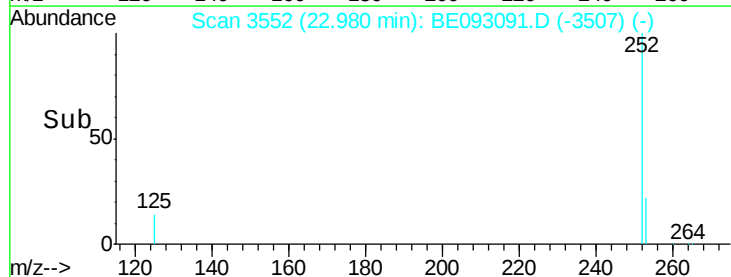
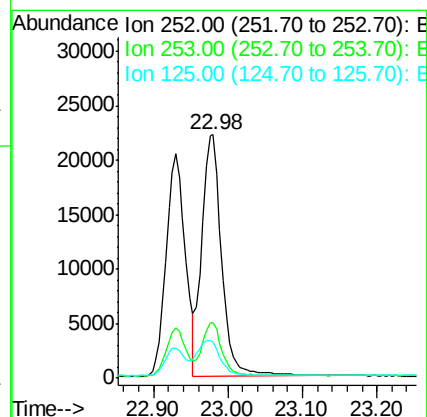
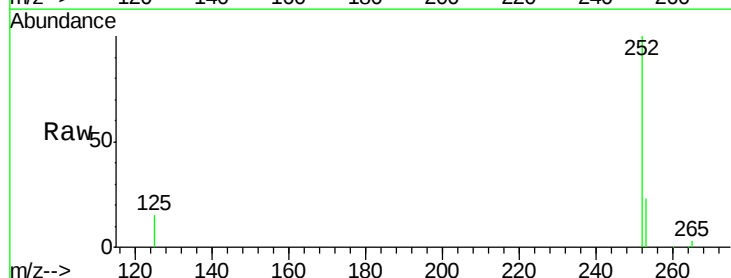
Tgt Ion:252 Resp: 41266

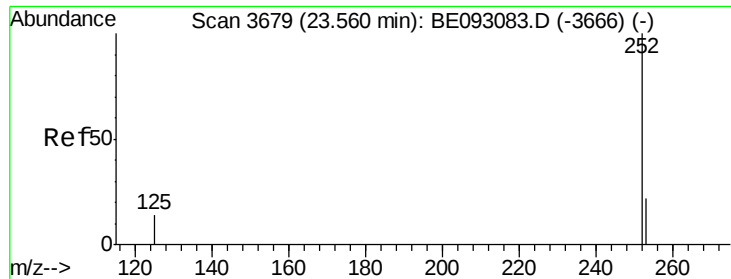
Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

125 14.9 13.7 20.5





#23

Benzo(a)pyrene

Concen: 0.381 ng/ul

RT: 23.55 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BE093091.D

Acq: 8 Jun 2017 21:27

Instrument :

BNA_E

ClientSampleId :

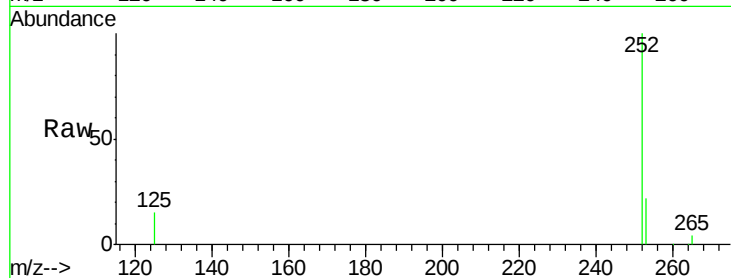
Tgt Ion:252 Resp: 35657

Ion Ratio Lower Upper

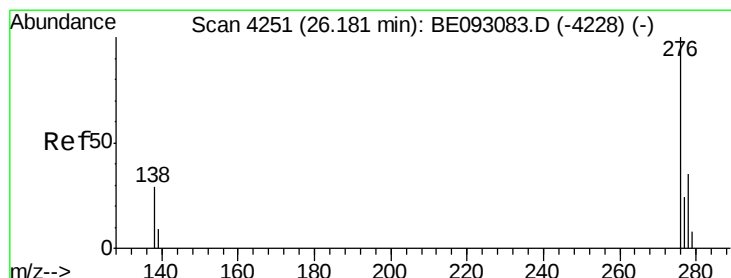
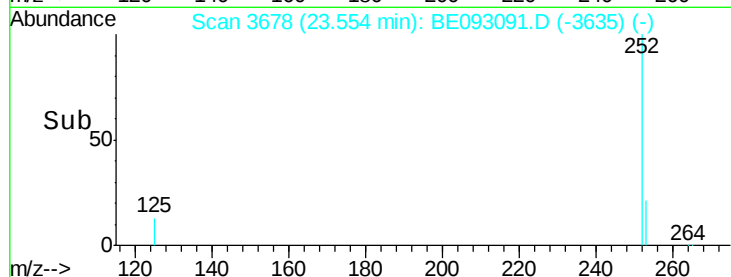
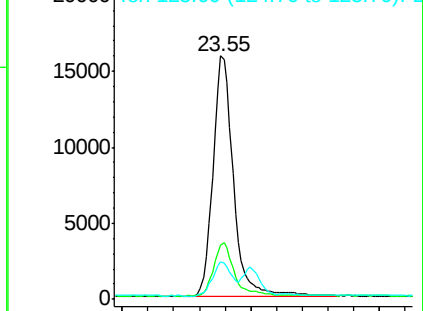
252 100

253 22.3 28.5 42.7#

125 15.5 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: 0.382 ng/ul

RT: 26.18 min Scan# 4251

Delta R.T. -0.01 min

Lab File: BE093091.D

Acq: 8 Jun 2017 21:27

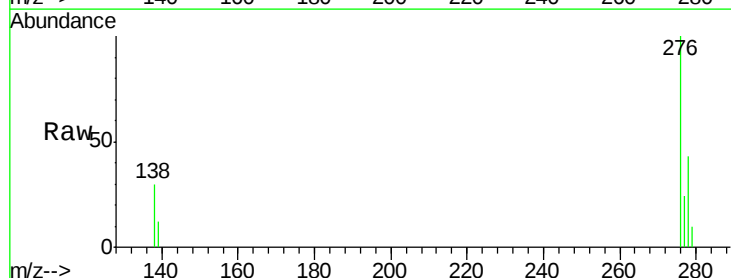
Tgt Ion:276 Resp: 41382

Ion Ratio Lower Upper

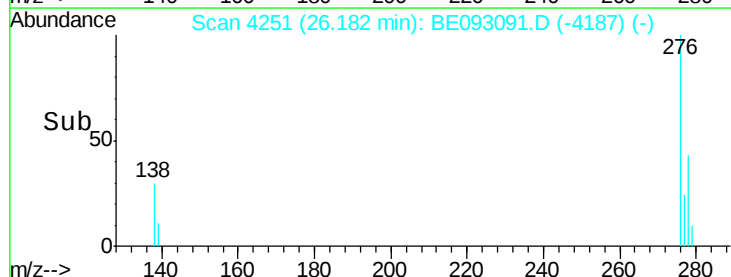
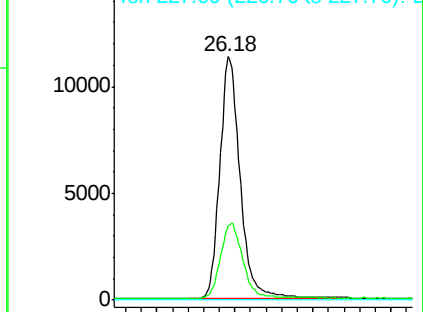
276 100

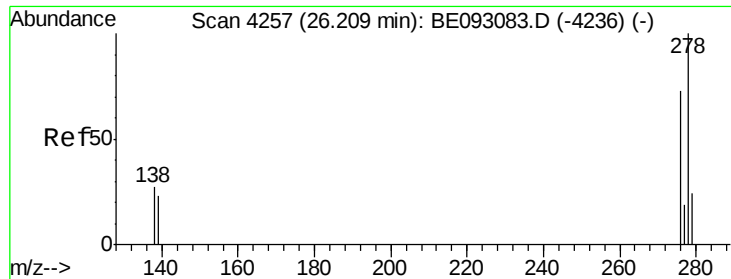
138 34.2 28.0 42.0

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

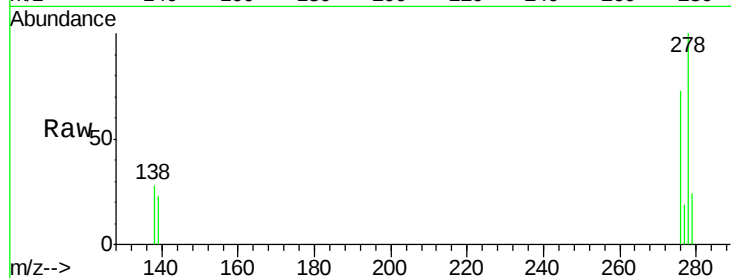




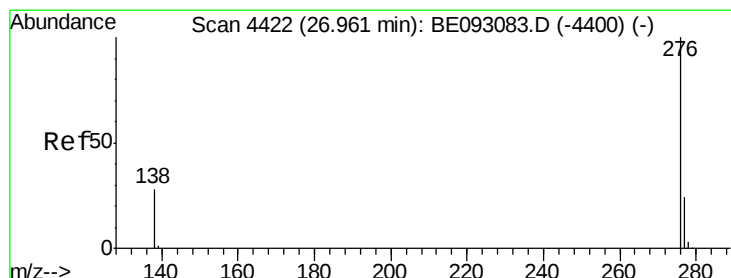
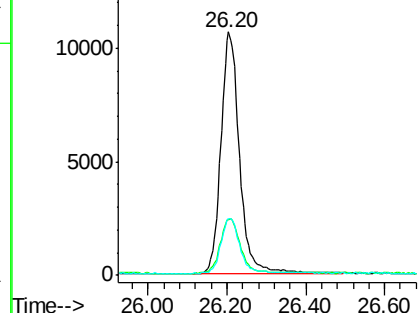
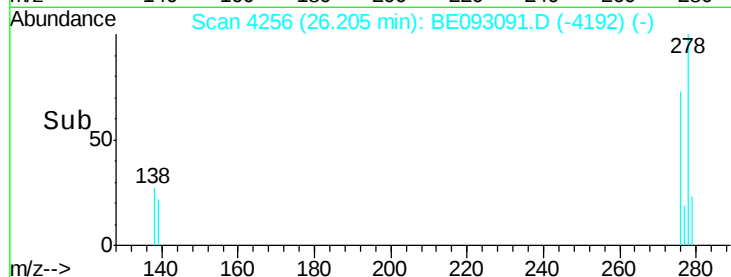
#25
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.20 min Scan# 4256
Delta R.T. -0.01 min
Lab File: BE093091.D
Acq: 8 Jun 2017 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 35324
Ion Ratio Lower Upper
278 100
139 22.6 17.4 26.0
279 23.5 25.9 38.9#

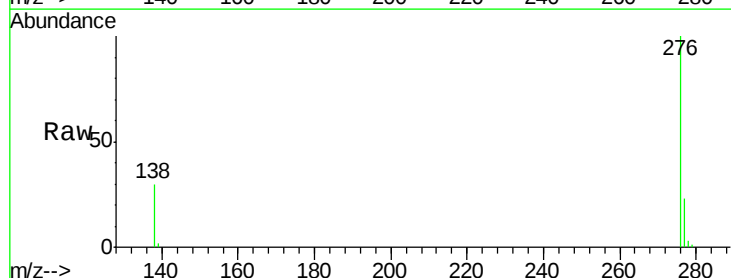


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 26.95 min Scan# 4420
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 8 Jun 2017 21:27

Tgt Ion:276 Resp: 35136
Ion Ratio Lower Upper
276 100
138 29.7 21.8 32.8
277 23.5 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

