

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
 Data File : BE093361.D
 Acq On : 24 Jun 2017 14:37
 Operator : SJ/JU
 Sample : I3625-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A00

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Quant Time: Jun 26 01:44:22 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 01:13:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1313	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7008	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4494	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	10684	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11907	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10071m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2676	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	8637	0.30	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.56	128	8233	0.473	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	5035	0.423	ng/ul	98
7) Acenaphthylene	14.08	152	20791	1.078	ng/ul	98
8) Acenaphthene	14.42	153	14103	0.907	ng/ul	98
9) Fluorene	15.41	166	20649	1.132	ng/ul	91
12) Phenanthrene	17.14	178	551247	18.752	ng/ul#	89
13) Anthracene	17.22	178	106468	4.160	ng/ul#	90
15) Fluoranthene	19.15	202	1047251	29.050	ng/ul	84
17) Pyrene	19.52	202	999085	28.452	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	505818	15.926	ng/ul#	86
19) Chrysene	21.29	228	522902	15.871	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	547577	17.917	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252	195871m	6.034	ng/ul	
23) Benzo(a)pyrene	23.56	252	369340m	12.781	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	223280m	6.673	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	67977m	2.412	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	186309	6.493	ng/ul	97

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

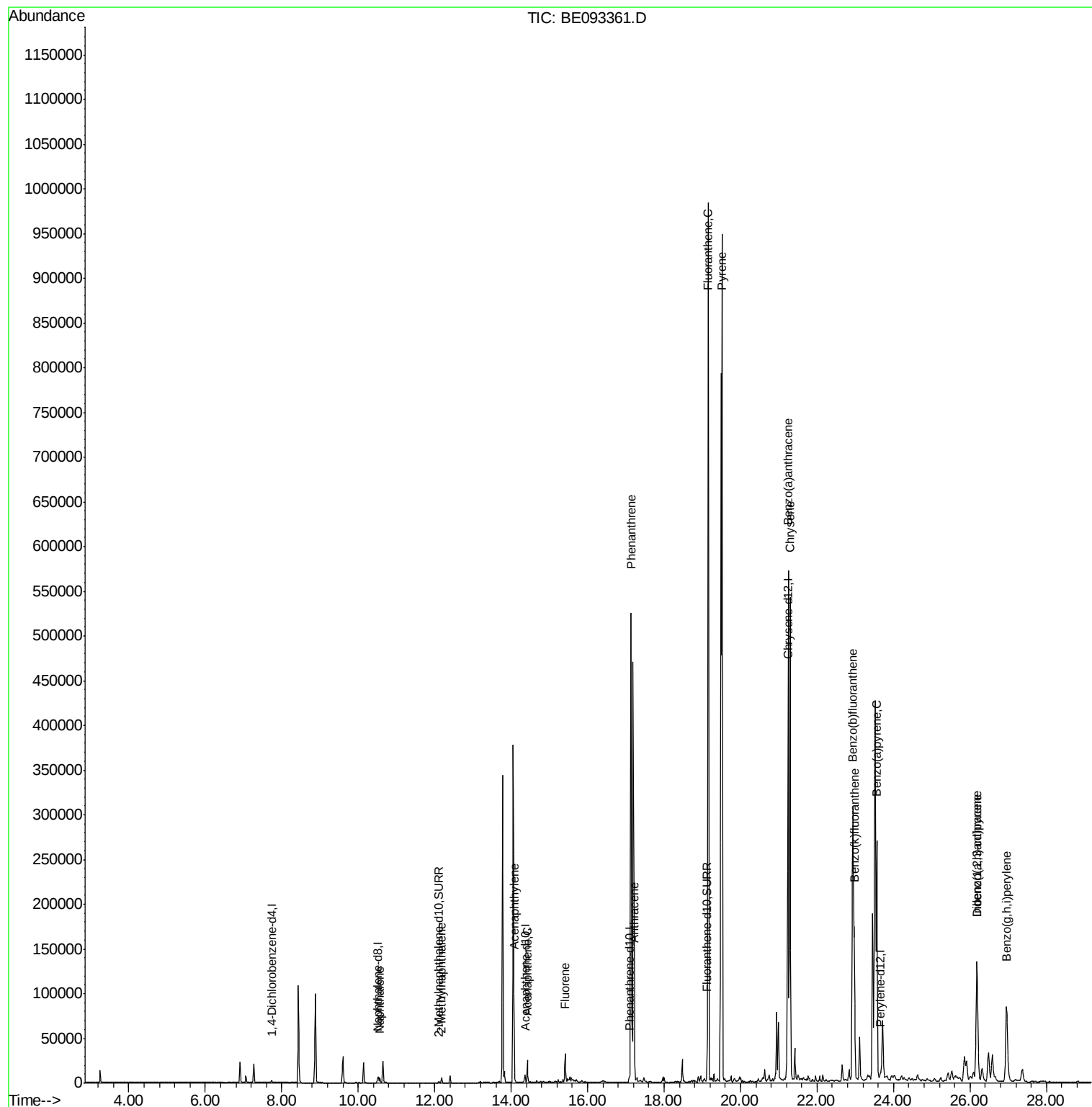
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093361.D
Acq On : 24 Jun 2017 14:37
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ALS Vial : 10 Sample Multiplier: 1

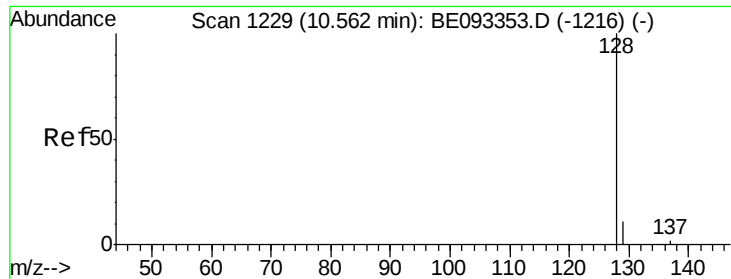
Instrument :
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F5A00

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Quant Time: Jun 26 01:44:22 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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#3

Naphthalene

Concen: 0.473 ng/ul

RT: 10.56 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BE093361.D

Acq: 24 Jun 2017 14:37

Instrument :

BNA_E

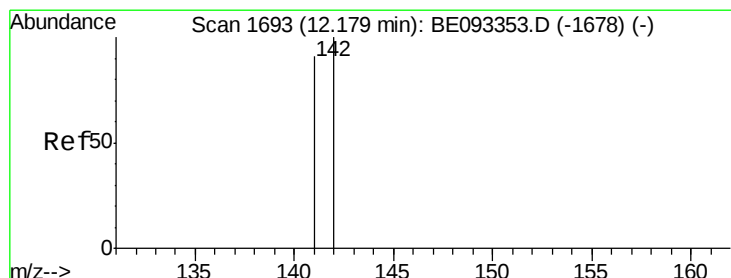
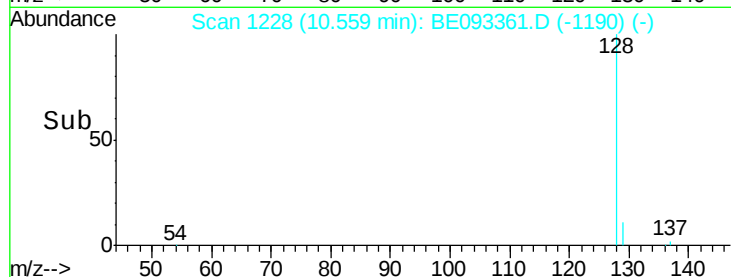
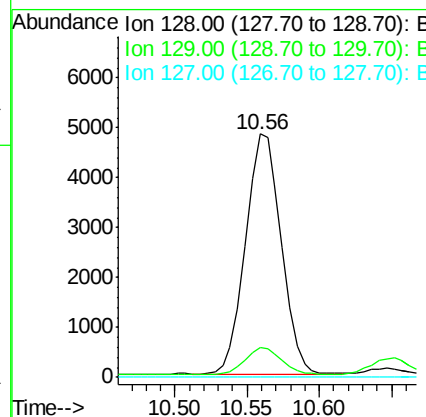
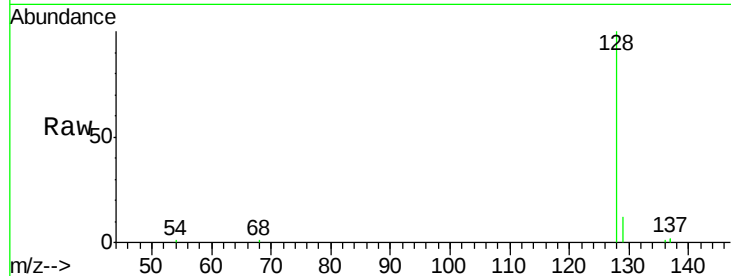
ClientSampleId :

F5A00

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.423 ng/ul

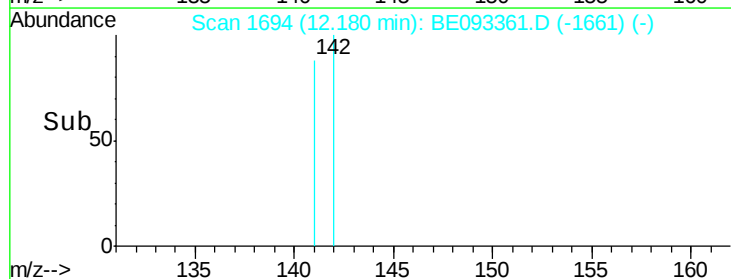
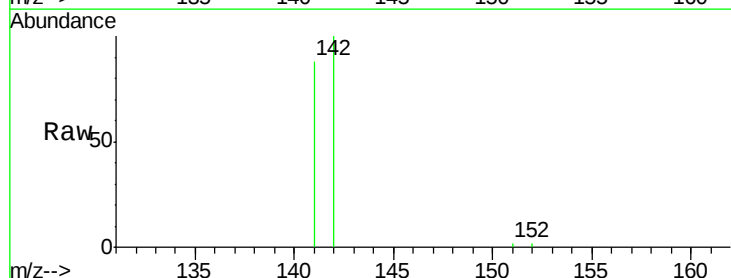
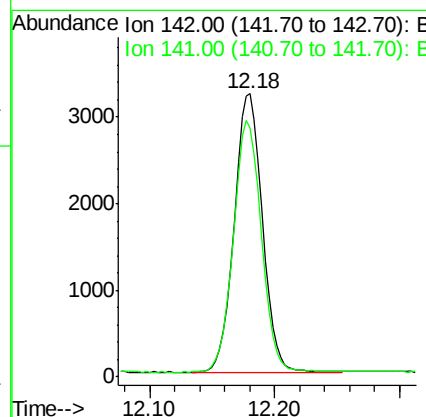
RT: 12.18 min Scan# 1694

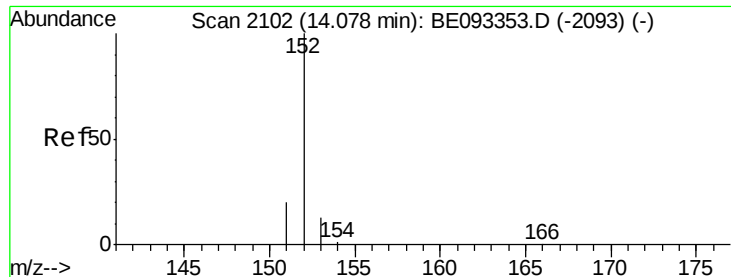
Delta R.T. 0.00 min

Lab File: BE093361.D

Acq: 24 Jun 2017 14:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8





#7

Acenaphthylene

Concen: 1.078 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093361.D

Acq: 24 Jun 2017 14:37

Instrument :

BNA_E

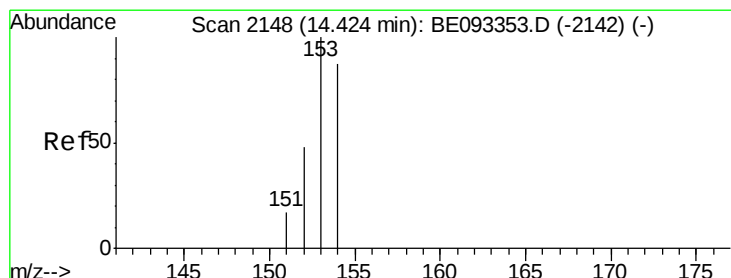
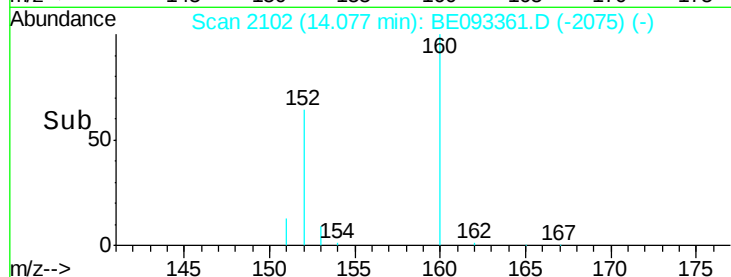
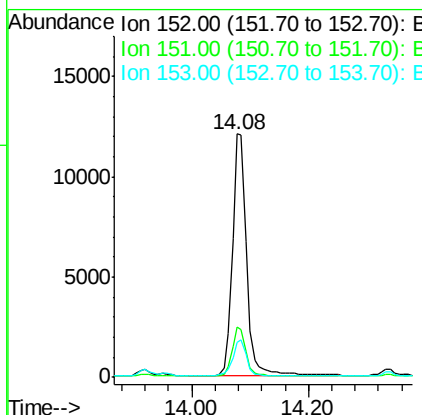
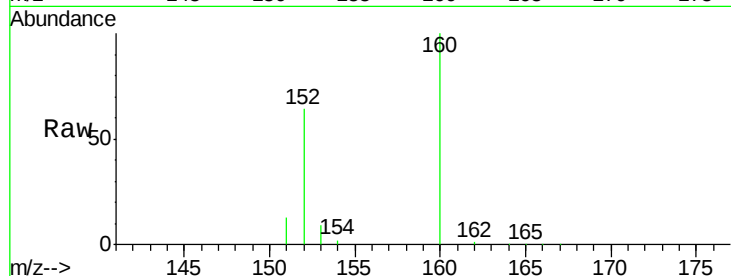
ClientSampleId :

F5A00

Tgt Ion:	152	Resp:	20791
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.1	25.7
153	14.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.907 ng/ul

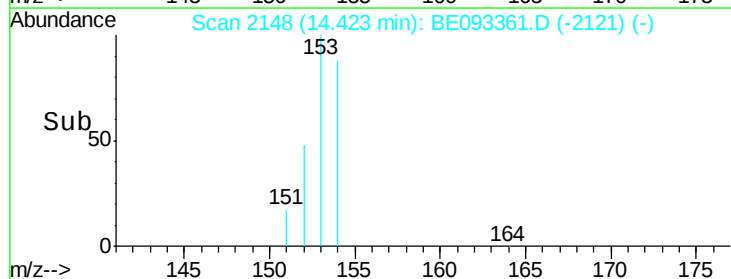
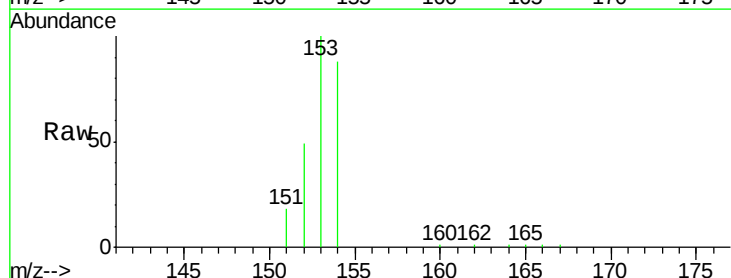
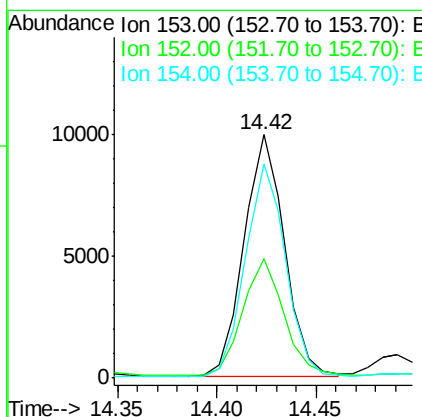
RT: 14.42 min Scan# 2148

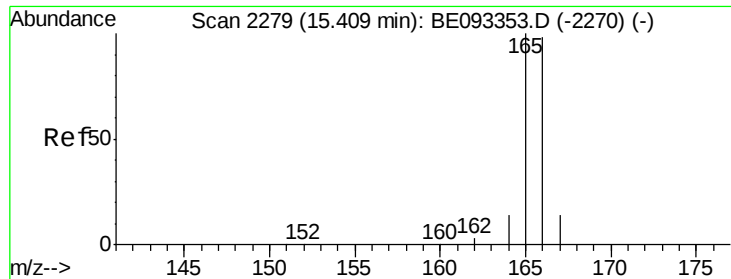
Delta R.T. -0.00 min

Lab File: BE093361.D

Acq: 24 Jun 2017 14:37

Tgt Ion:	153	Resp:	14103
Ion Ratio	Lower	Upper	
153	100		
152	48.8	40.3	60.5
154	88.0	71.4	107.2





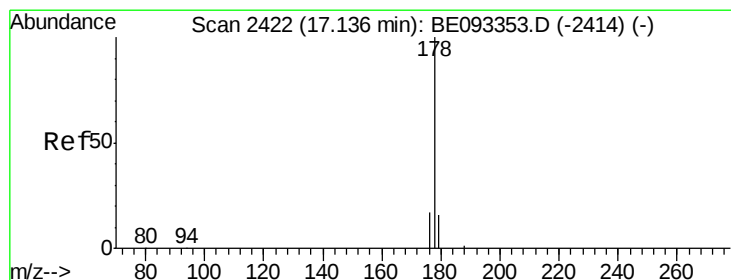
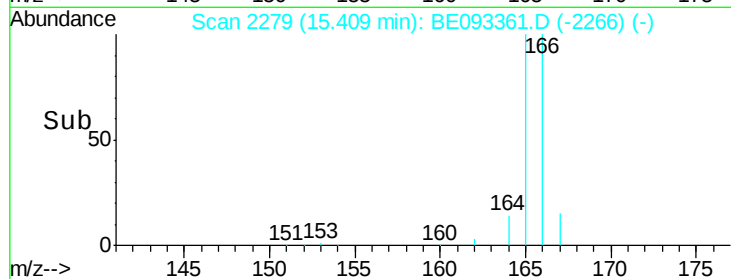
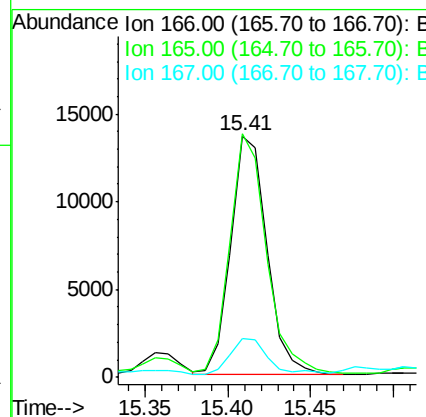
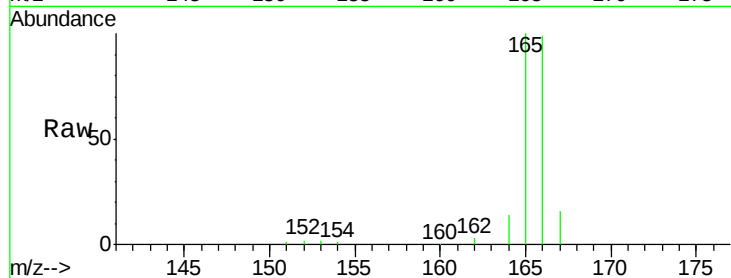
#9
Fluorene
 Concen: 1.132 ng/ul
 RT: 15.41 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE093361.D
 Acq: 24 Jun 2017 14:37

Instrument :
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 ClientSampleId :
 F5A00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	73.4	110.2
167	16.2	14.6	22.0

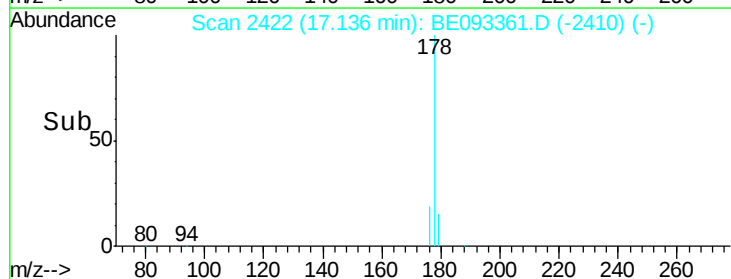
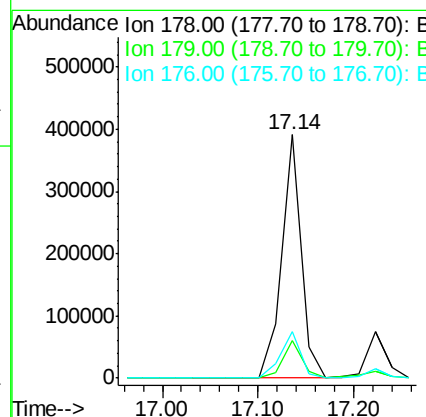
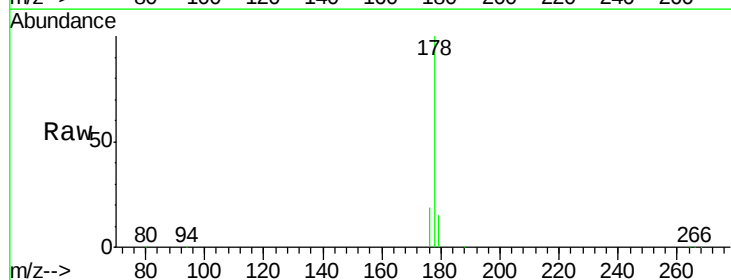
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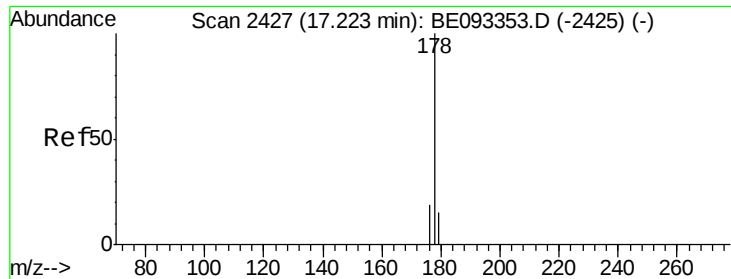
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#12
Phenanthrene
 Concen: 18.752 ng/ul
 RT: 17.14 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BE093361.D
 Acq: 24 Jun 2017 14:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	18.9	13.6	20.4





#13

Anthracene

Concen: 4.160 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093361.D

Acq: 24 Jun 2017 14:37

Instrument :

BNA_E

ClientSampleId :

F5A00

Tgt Ion:178 Resp: 106468

Ion Ratio Lower Upper

178 100

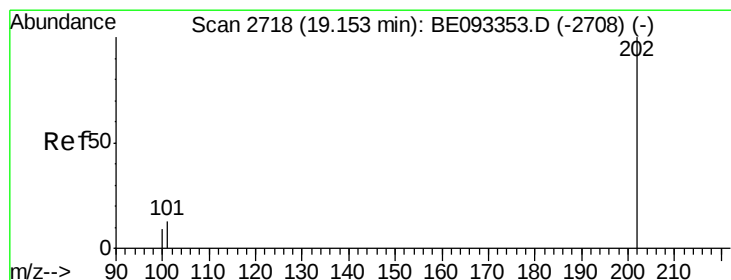
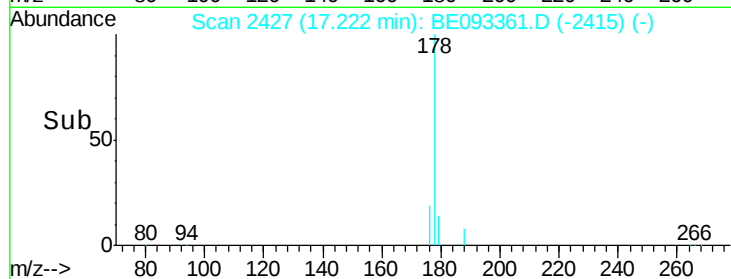
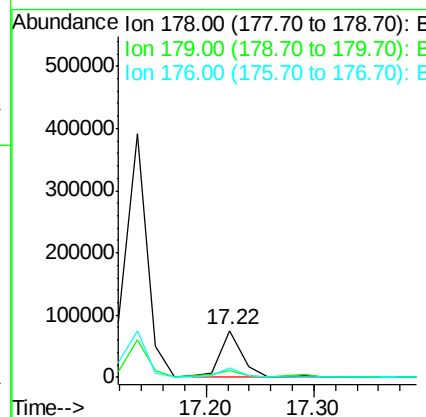
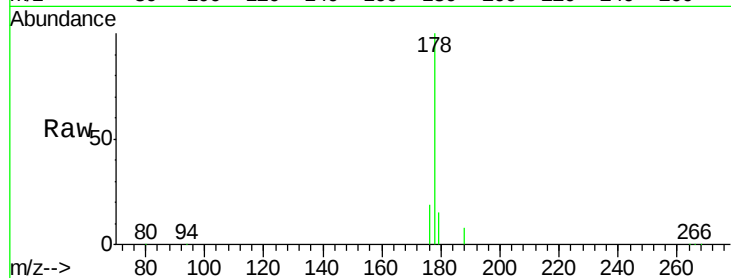
179 14.5 18.1 27.1#

176 19.2 14.7 22.1

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#15

Fluoranthene

Concen: 29.050 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BE093361.D

Acq: 24 Jun 2017 14:37

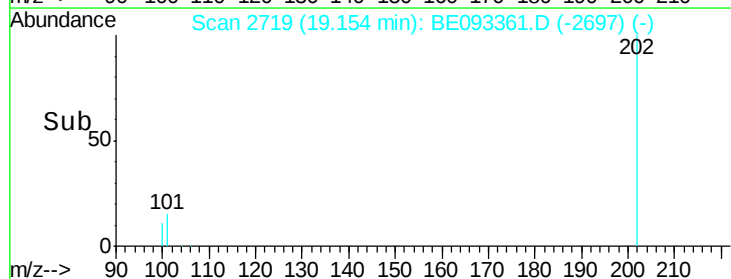
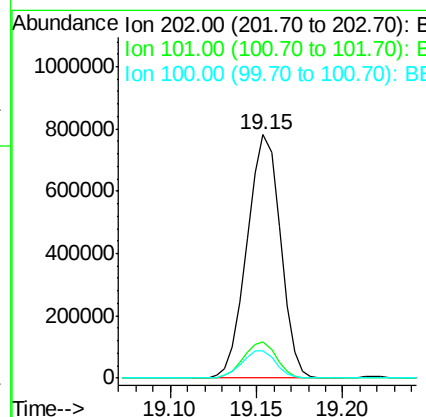
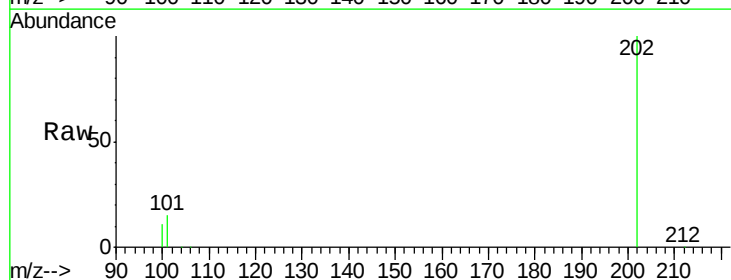
Tgt Ion:202 Resp: 1047251

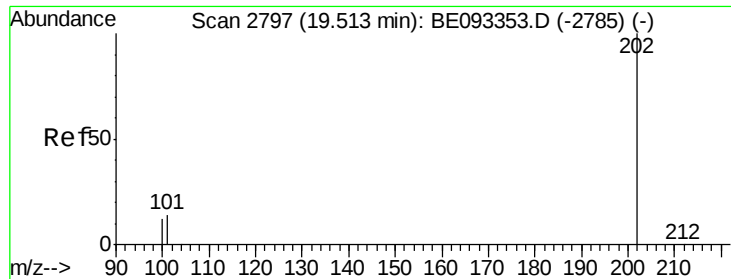
Ion Ratio Lower Upper

202 100

101 14.7 0.0 30.3

100 11.1 0.0 39.5





#17

Pyrene

Concen: 28.452 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BE093361.D

Acq: 24 Jun 2017 14:37

Instrument :

BNA_E

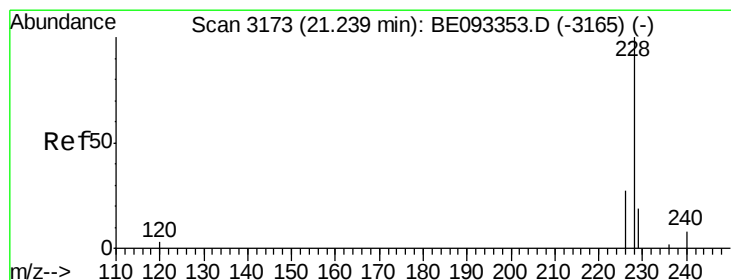
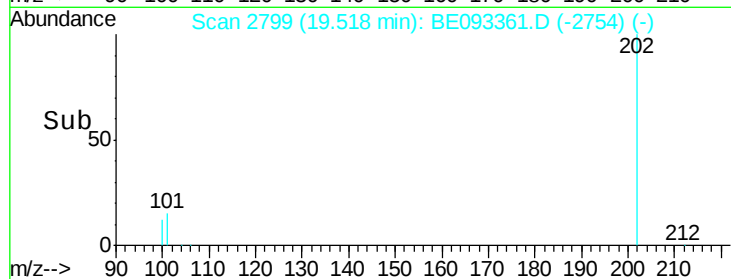
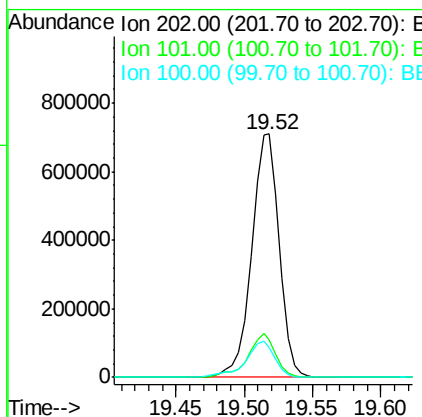
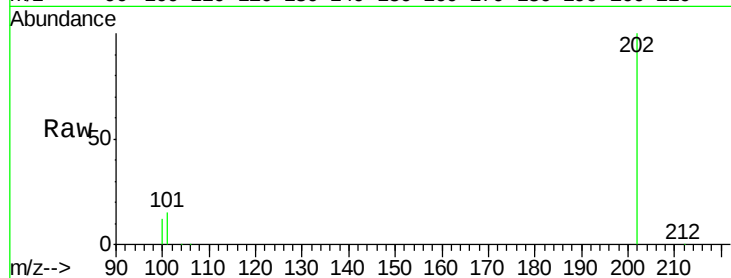
ClientSampleId :

F5A00

Tgt Ion:	202	Resp:	999085
Ion Ratio	Lower	Upper	
202	100		
101	15.3	18.2	27.4#
100	12.2	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 15.926 ng/ul

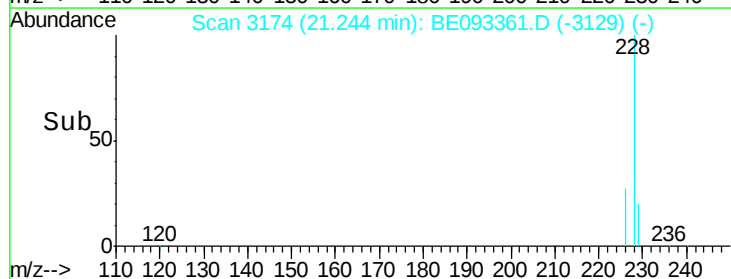
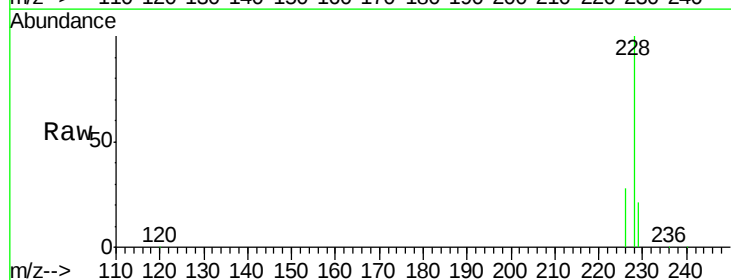
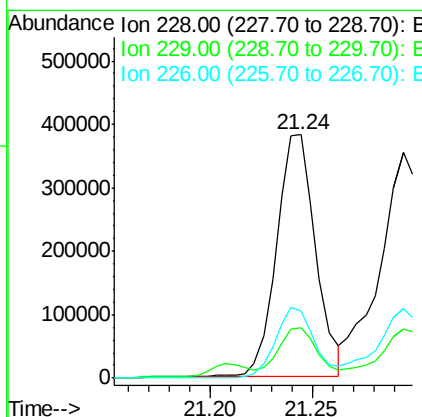
RT: 21.24 min Scan# 3174

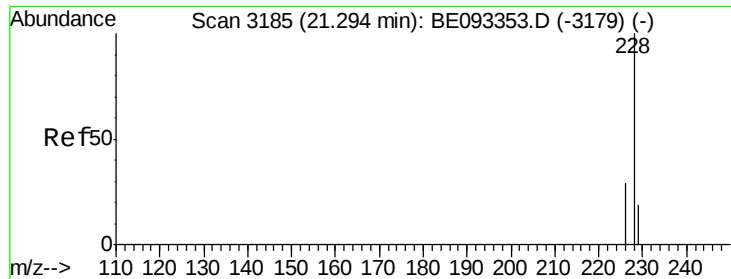
Delta R.T. 0.00 min

Lab File: BE093361.D

Acq: 24 Jun 2017 14:37

Tgt Ion:	228	Resp:	505818
Ion Ratio	Lower	Upper	
228	100		
229	20.9	22.8	34.2#
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 15.871 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093361.D

Acq: 24 Jun 2017 14:37

Instrument :

BNA_E

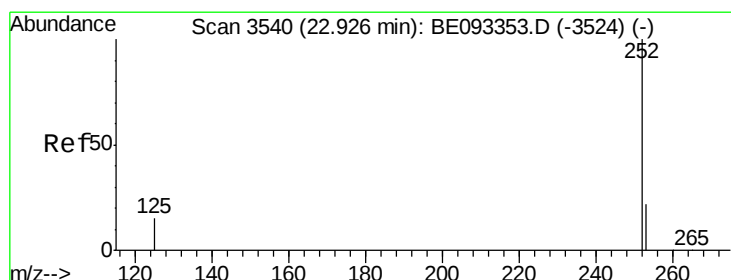
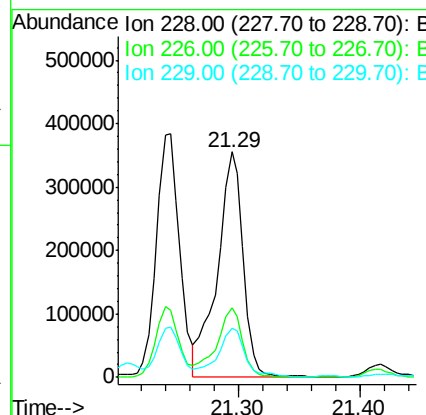
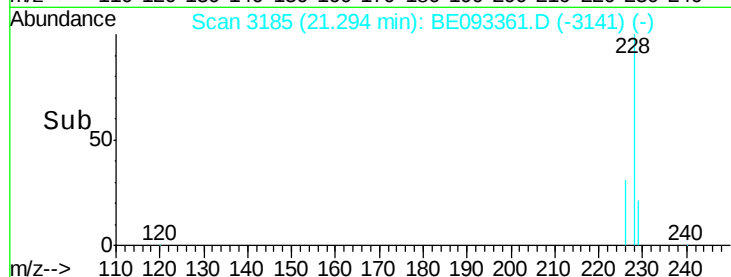
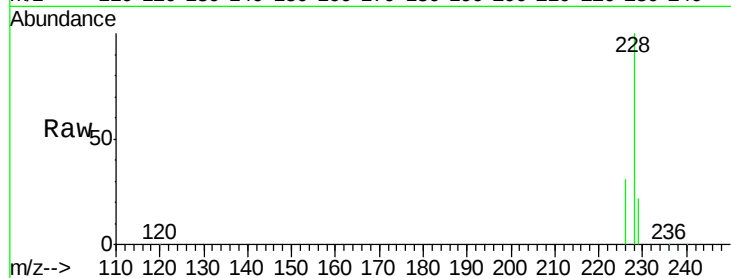
ClientSampled :

F5A00

Tgt Ion:	228	Resp:	522902
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	21.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 17.917 ng/ul

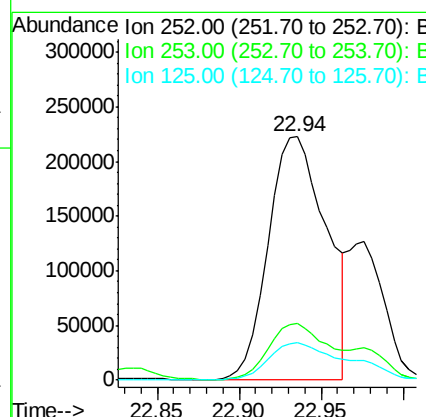
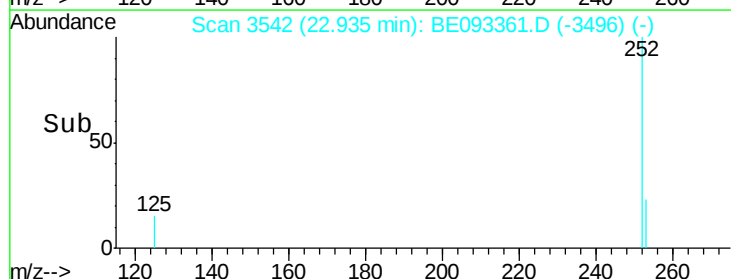
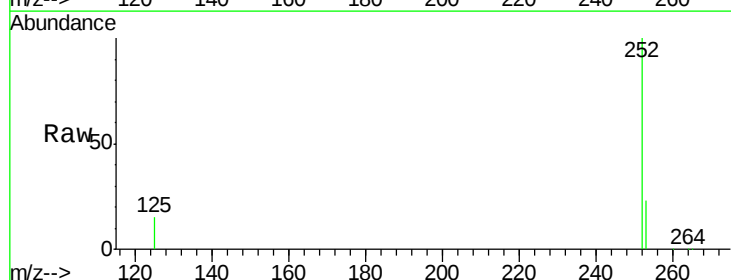
RT: 22.94 min Scan# 3542

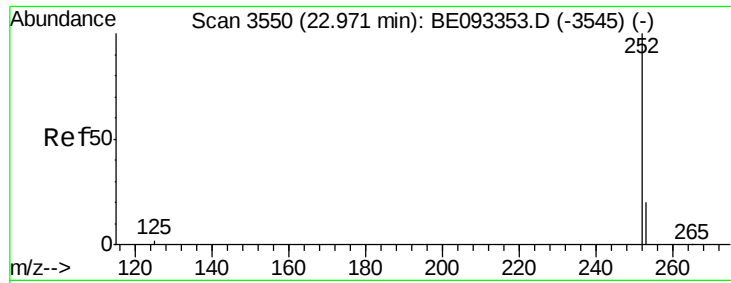
Delta R.T. 0.01 min

Lab File: BE093361.D

Acq: 24 Jun 2017 14:37

Tgt Ion:	252	Resp:	547577
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	15.2	0.0	35.0





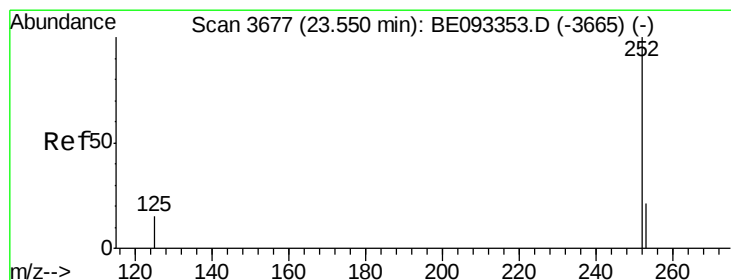
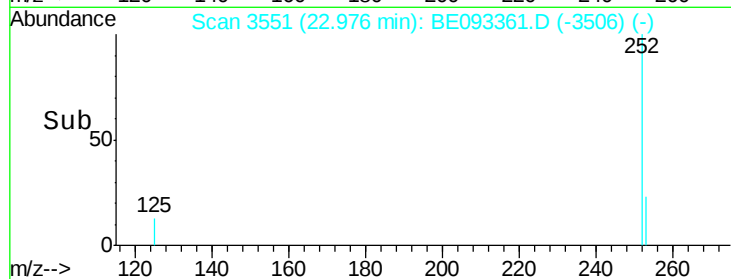
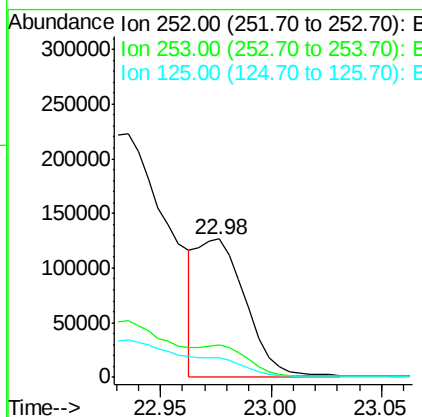
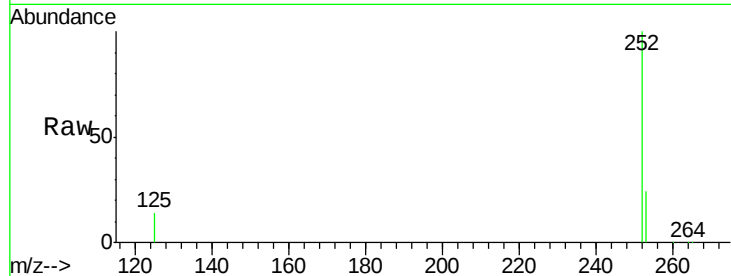
#22
Benzo(k)fluoranthene
Concen: 6.034 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. 0.01 min
Lab File: BE093361.D
Acq: 24 Jun 2017 14:37

Instrument :
BNA_E
ClientSampleId :
F5A00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.5	36.7#
125	13.9	13.7	20.5

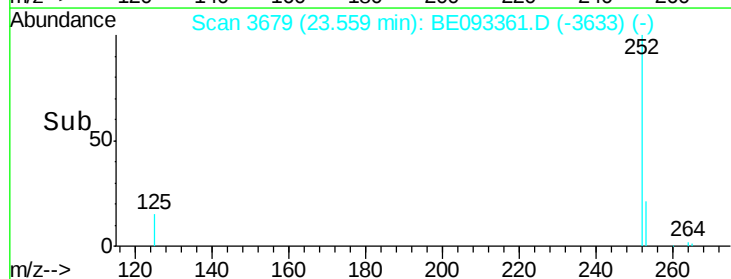
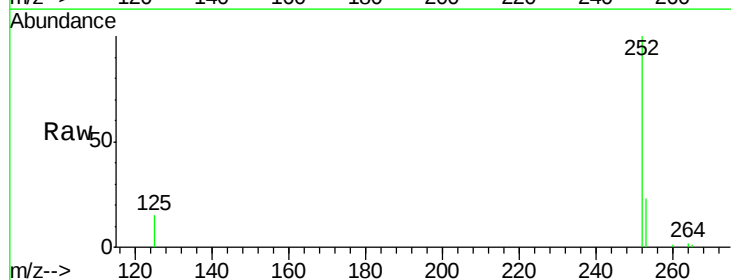
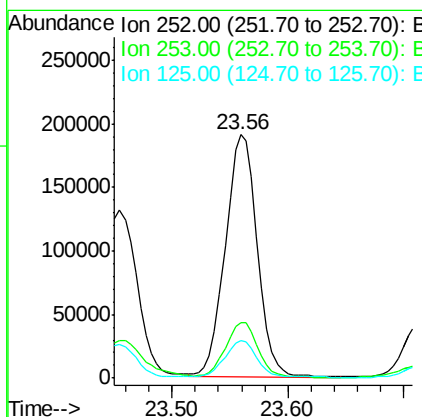
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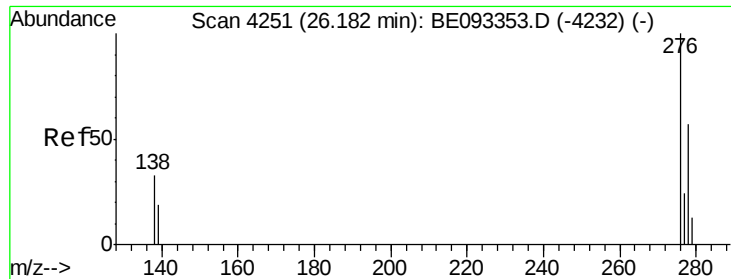
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#23
Benzo(a)pyrene
Concen: 12.781 ng/ul m
RT: 23.56 min Scan# 3679
Delta R.T. 0.01 min
Lab File: BE093361.D
Acq: 24 Jun 2017 14:37

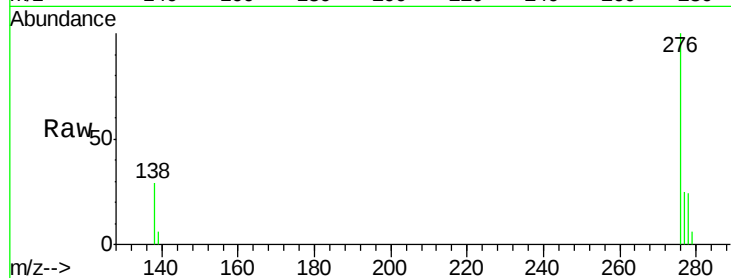
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	28.5	42.7#
125	15.5	18.1	27.1#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.673 ng/ul m
 RT: 26.18 min Scan# 4251
 Delta R.T. -0.00 min
 Lab File: BE093361.D
 Acq: 24 Jun 2017 14:37

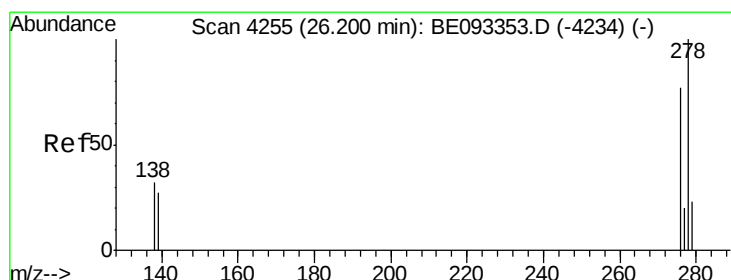
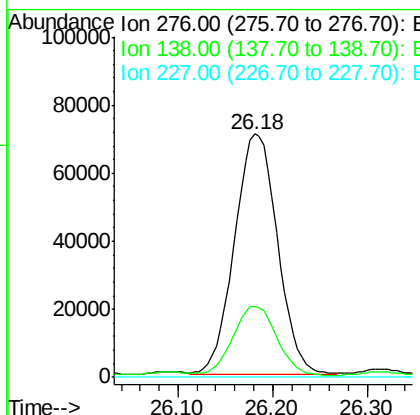
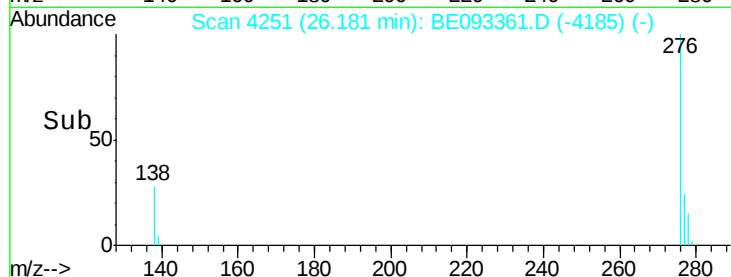
Instrument :
 BNA_E
 ClientSampleId :
 F5A00



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	3.1	28.0	42.0#
227	0.0	8.0	12.0#

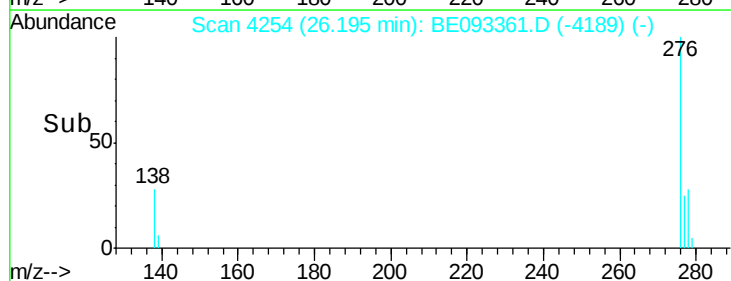
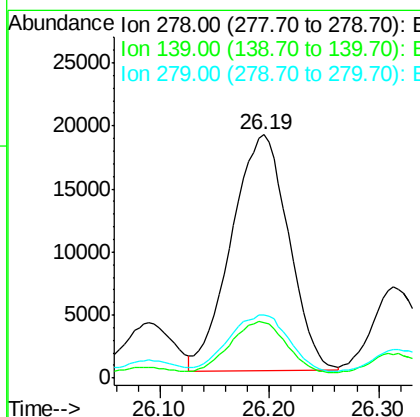
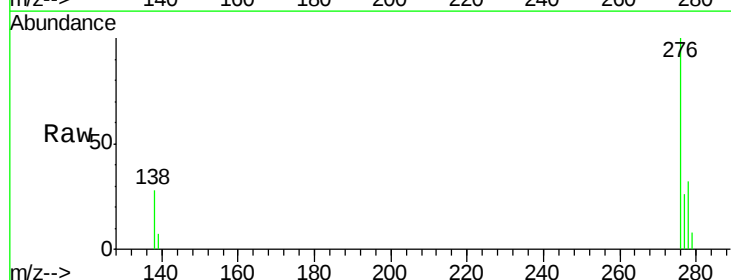
Manual Integrations
 APPROVED

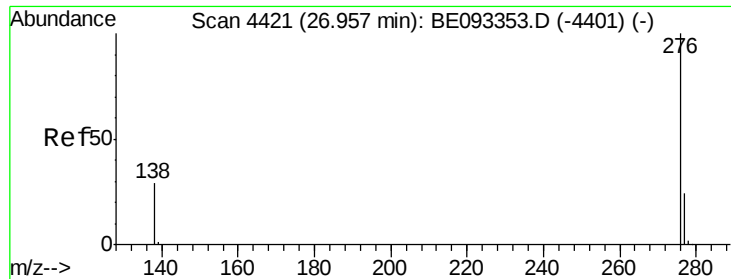
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#25
 Dibenzo(a,h)anthracene
 Concen: 2.412 ng/ul m
 RT: 26.19 min Scan# 4254
 Delta R.T. -0.01 min
 Lab File: BE093361.D
 Acq: 24 Jun 2017 14:37

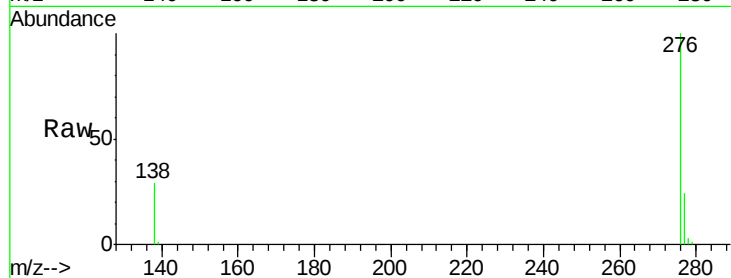
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	23.0	17.4	26.0
279	26.1	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 6.493 ng/ul
 RT: 26.96 min Scan# 4421
 Delta R.T. -0.00 min
 Lab File: BE093361.D
 Acq: 24 Jun 2017 14:37

Instrument :
 BNA_E
 ClientSampleId :
 F5A00



Tgt	Ion	276	Resp	186309
Ion	Ratio	Lower	Upper	
276	100			
138	29.4	21.8	32.8	
277	24.3	20.5	30.7	

Manual Integrations
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