

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
 Data File : BE093345.D
 Acq On : 23 Jun 2017 20:10
 Operator : SJ/JU
 Sample : I3625-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D15

Manual Integrations
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mohammad
 6/29/2017 8:33:15 AM

Quant Time: Jun 24 04:48:55 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 24 04:29:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1688	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8973	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5532	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13565	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13113	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	11001m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	2204	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	12248	0.33	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	3343	0.150	ng/ul#	96
5) 2-Methylnaphthalene	12.18	142	1626	0.107	ng/ul	100
7) Acenaphthylene	14.08	152	93297	3.930	ng/ul	96
8) Acenaphthene	14.42	153	5518	0.288	ng/ul	98
9) Fluorene	15.41	166	12953	0.577	ng/ul	92
12) Phenanthrene	17.14	178	439620	11.779	ng/ul#	90
13) Anthracene	17.22	178	134685	4.145	ng/ul#	91
15) Fluoranthene	19.15	202	1881599	41.109	ng/ul	84
17) Pyrene	19.52	202	1876769	48.532	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	1124315	32.144	ng/ul#	84
19) Chrysene	21.30	228	1155390	31.843	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1486772	44.534	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252	593680m	16.743	ng/ul	
23) Benzo(a)pyrene	23.57	252	1023870m	32.435	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.20	276	705571m	19.304	ng/ul	
25) Dibenzo(a,h)anthracene	26.21	278	203813m	6.622	ng/ul	
26) Benzo(g,h,i)perylene	26.98	276	595388	18.994	ng/ul	97

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

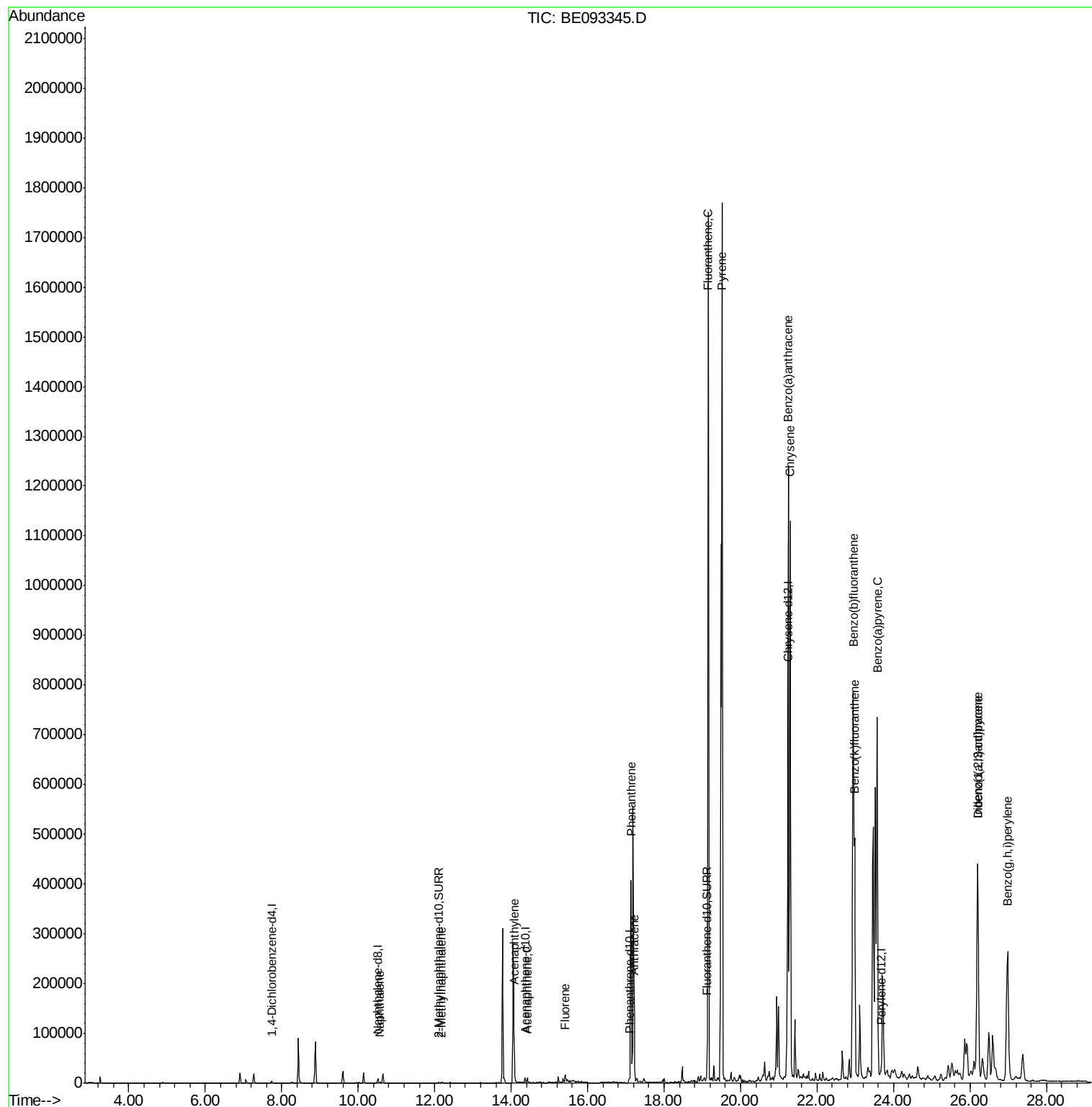
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
Data File : BE093345.D
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ALS Vial : 12 Sample Multiplier: 1

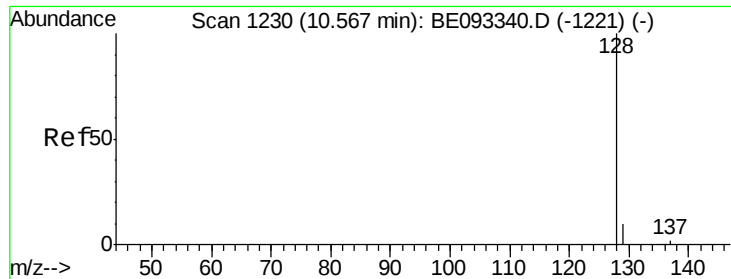
Instrument :
BNA_E
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F5D15

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Quant Time: Jun 24 04:48:55 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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QLast Update : Sat Jun 24 04:29:07 2017
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#3

Naphthalene

Concen: 0.150 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093345.D

Acq: 23 Jun 2017 20:10

Instrument :

BNA_E

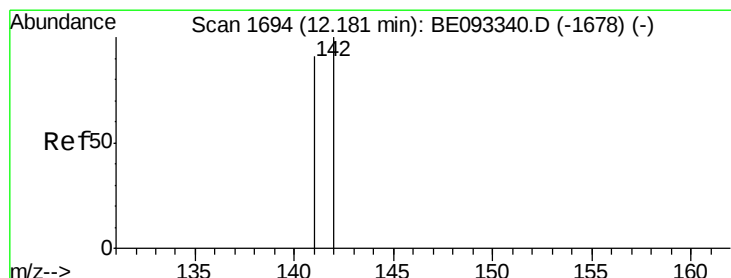
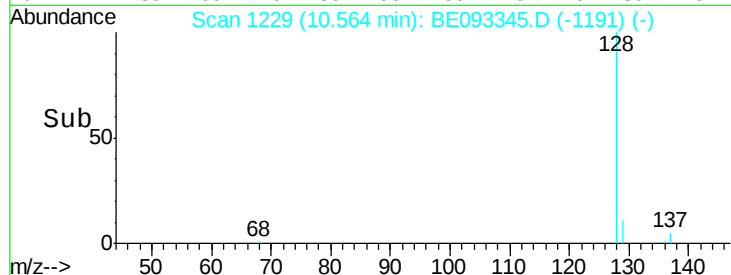
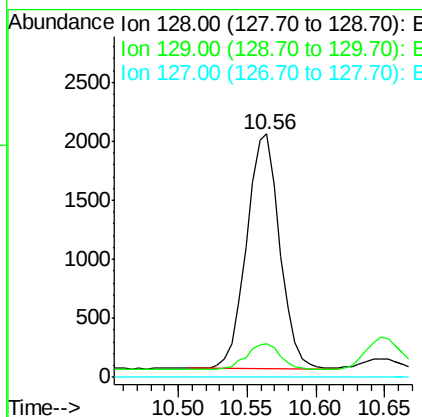
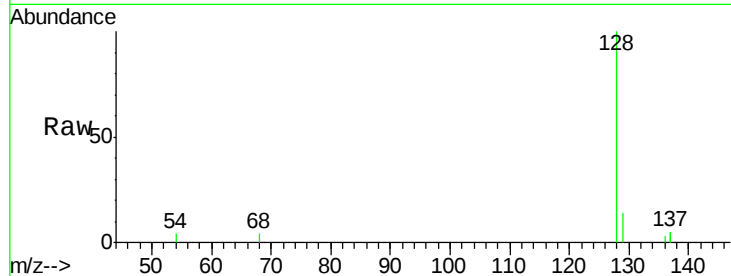
ClientSampleId :

F5D15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.9	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.107 ng/ul

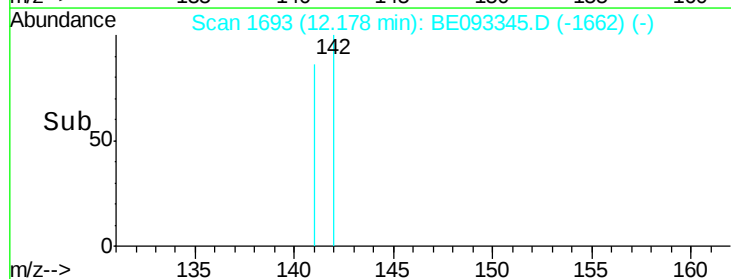
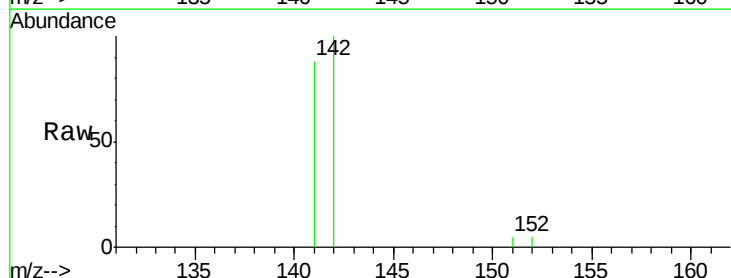
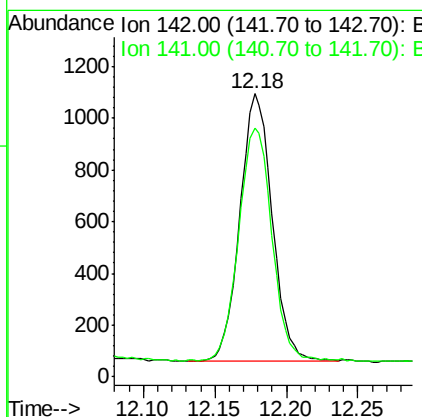
RT: 12.18 min Scan# 1693

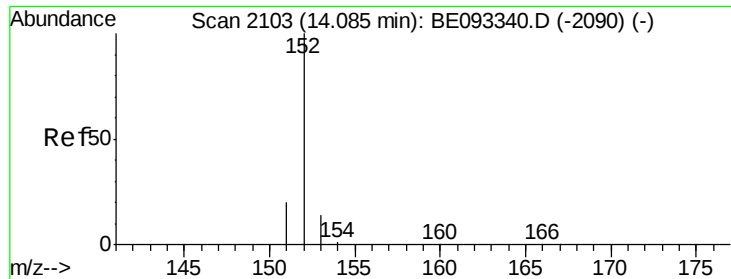
Delta R.T. -0.00 min

Lab File: BE093345.D

Acq: 23 Jun 2017 20:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	108.8





#7

Acenaphthylene

Concen: 3.930 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BE093345.D

Acq: 23 Jun 2017 20:10

Instrument :

BNA_E

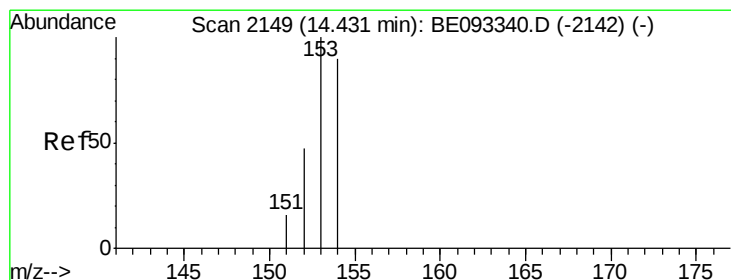
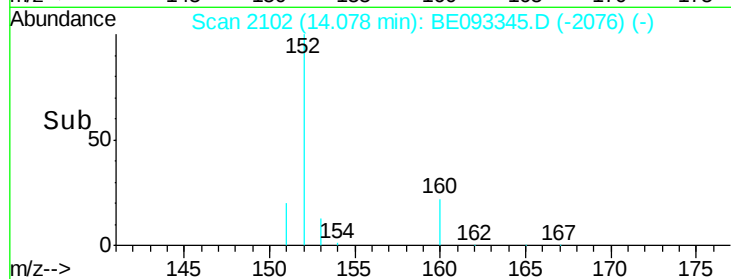
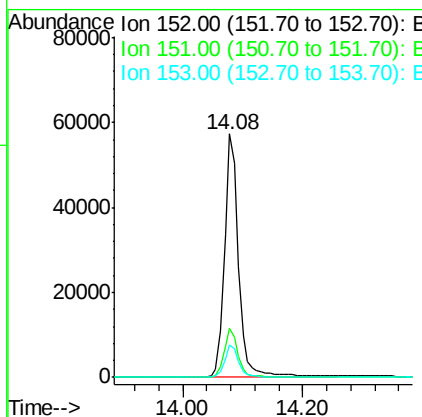
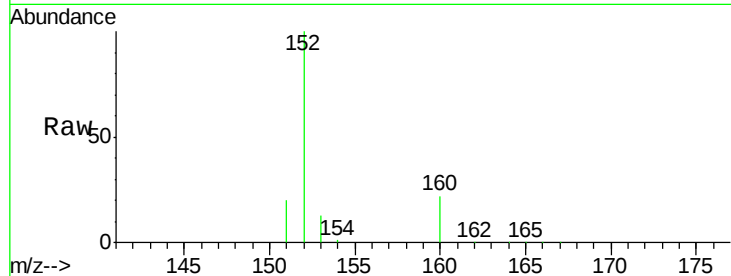
ClientSampleId :

F5D15

Tgt Ion:	152	Resp:	93297
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.1	25.7
153	13.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.288 ng/ul

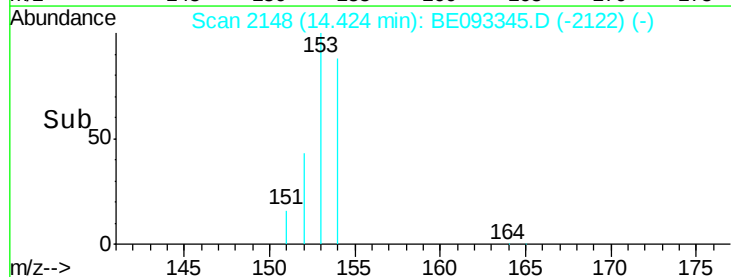
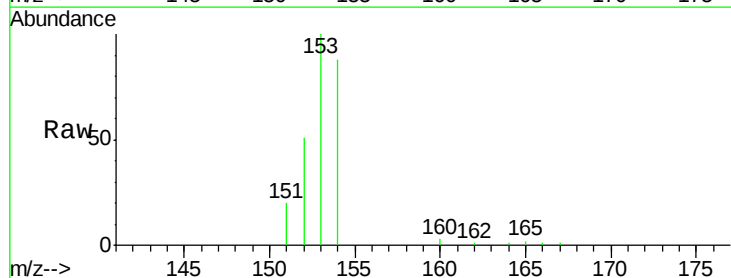
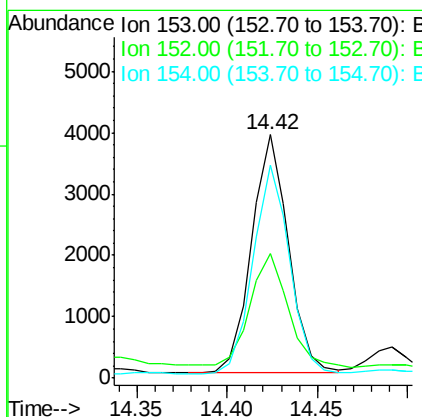
RT: 14.42 min Scan# 2148

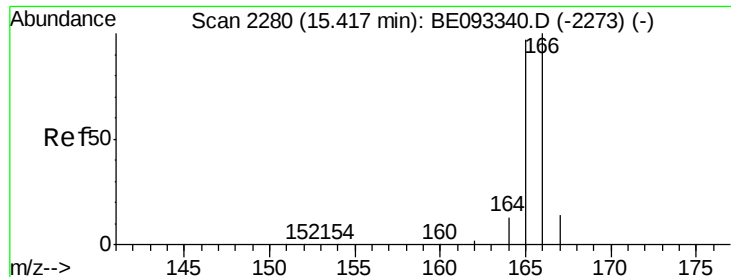
Delta R.T. -0.01 min

Lab File: BE093345.D

Acq: 23 Jun 2017 20:10

Tgt Ion:	153	Resp:	5518
Ion Ratio	Lower	Upper	
153	100		
152	51.2	40.3	60.5
154	87.6	71.4	107.2





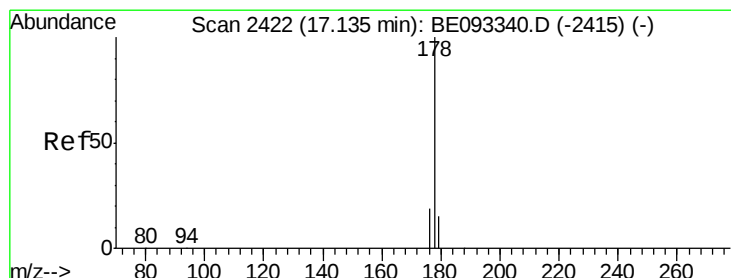
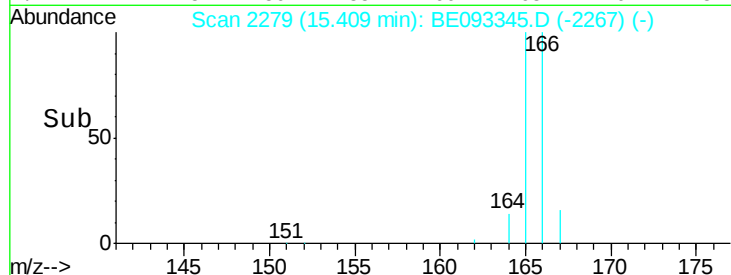
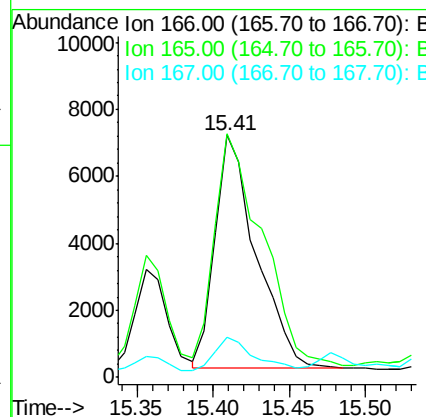
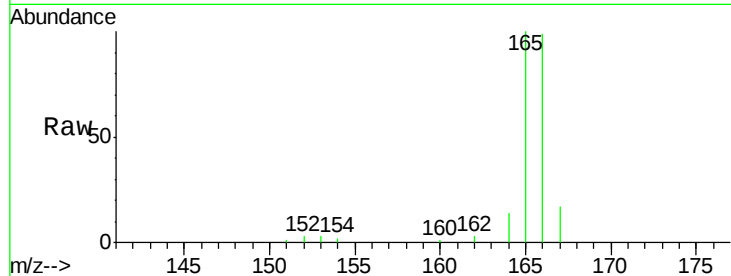
#9
Fluorene
 Concen: 0.577 ng/ul
 RT: 15.41 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE093345.D
 Acq: 23 Jun 2017 20:10

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	73.4	110.2
167	16.8	14.6	22.0

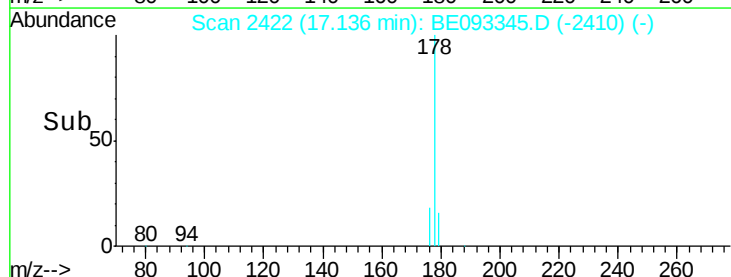
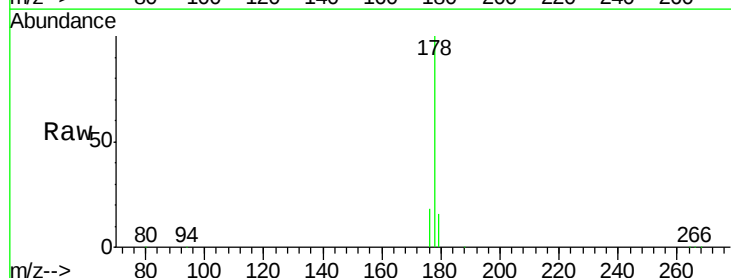
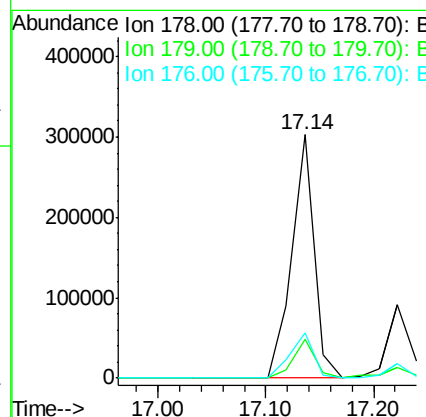
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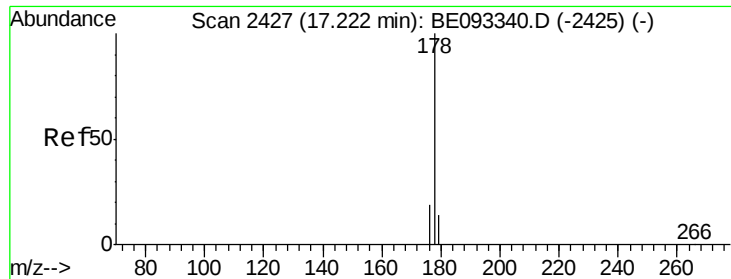
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#12
Phenanthrene
 Concen: 11.779 ng/ul
 RT: 17.14 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BE093345.D
 Acq: 23 Jun 2017 20:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.4	27.6#
176	18.4	13.6	20.4





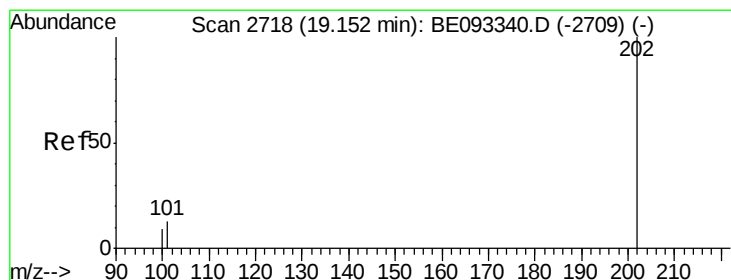
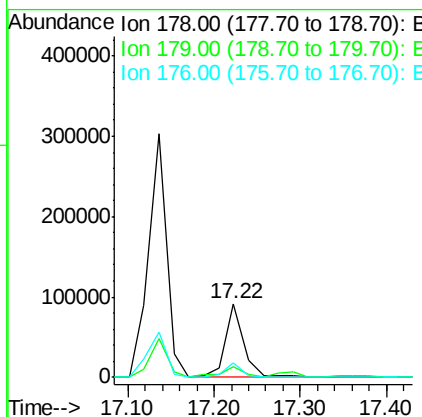
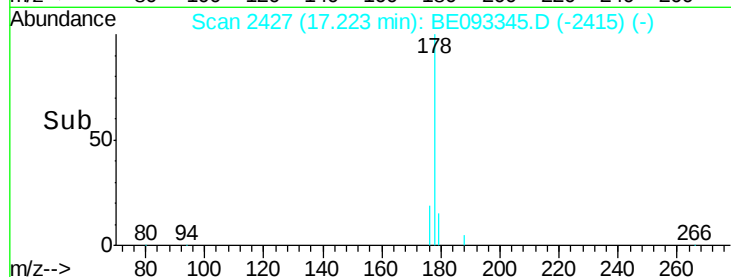
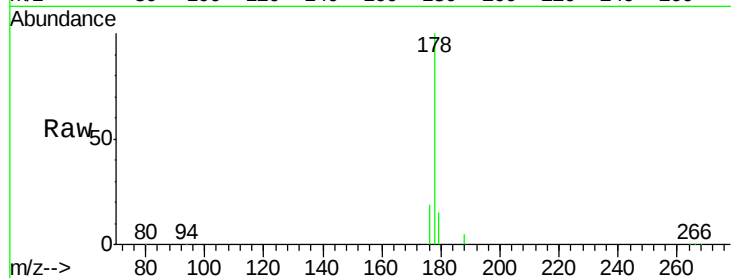
#13
 Anthracene
 Concen: 4.145 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BE093345.D
 Acq: 23 Jun 2017 20:10

Instrument :
 BNA_E
 ClientSampleId :
 F5D15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.1	27.1#
176	18.9	14.7	22.1

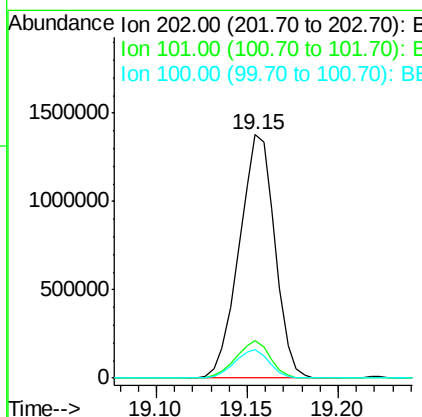
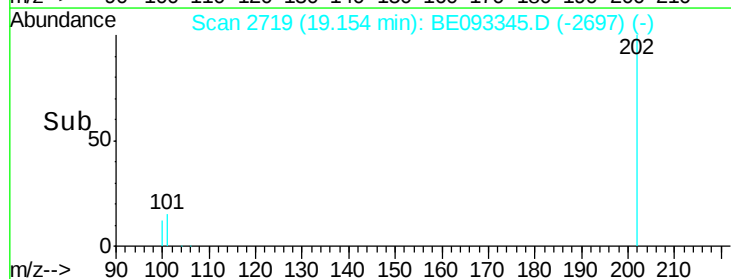
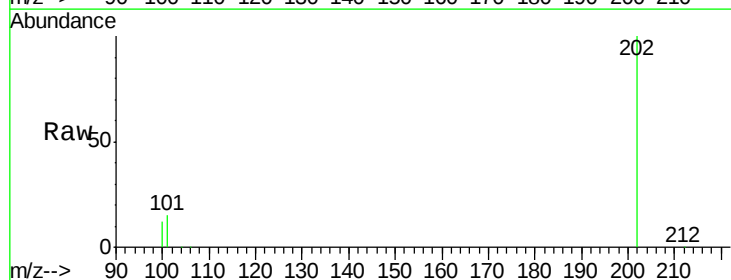
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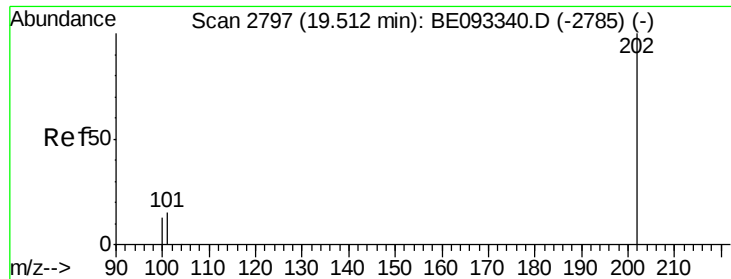
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#15
 Fluoranthene
 Concen: 41.109 ng/ul
 RT: 19.15 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE093345.D
 Acq: 23 Jun 2017 20:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	30.3
100	11.7	0.0	39.5





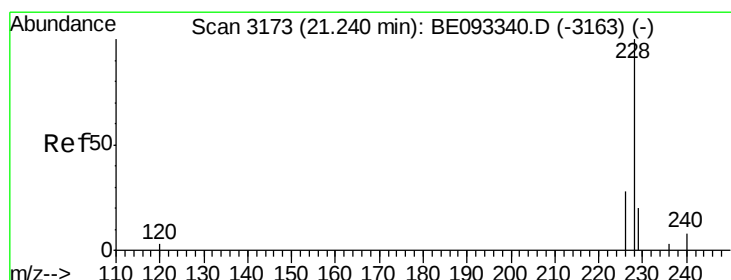
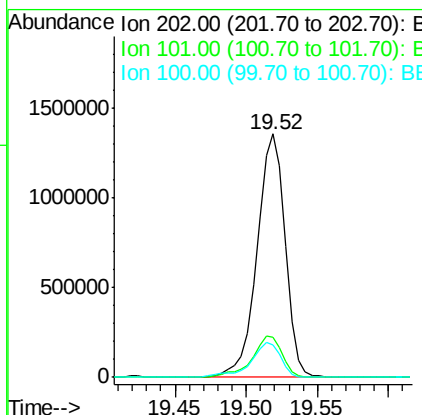
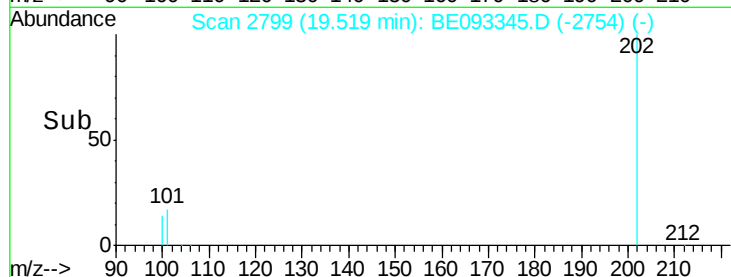
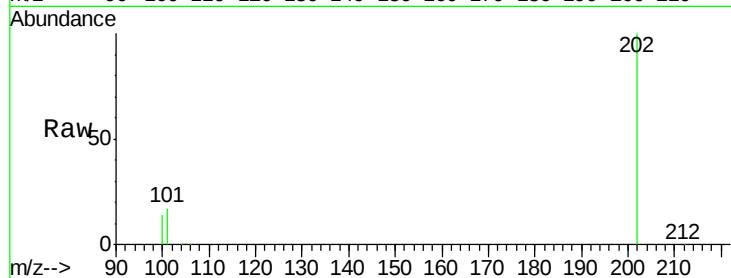
#17
 Pyrene
 Concen: 48.532 ng/ul
 RT: 19.52 min Scan# 2799
 Delta R.T. 0.01 min
 Lab File: BE093345.D
 Acq: 23 Jun 2017 20:10

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion: 202 Resp: 1876769
 Ion Ratio Lower Upper
 202 100
 101 16.5 18.2 27.4#
 100 13.5 15.6 23.4#

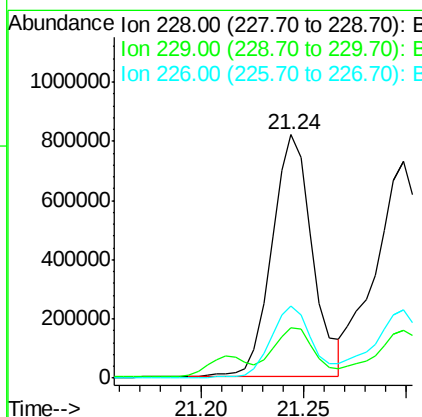
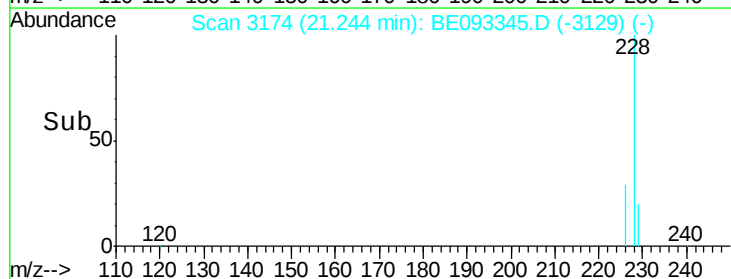
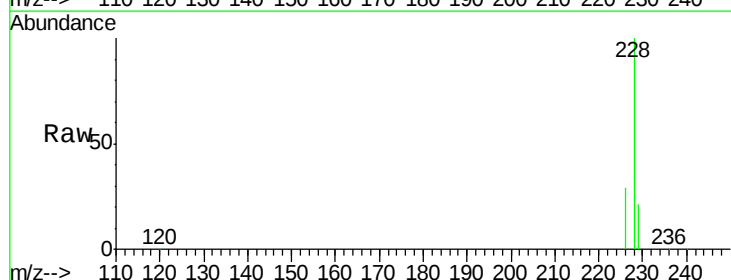
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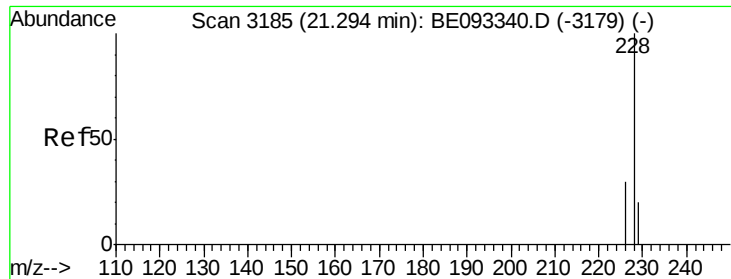
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#18
 Benzo(a)anthracene
 Concen: 32.144 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BE093345.D
 Acq: 23 Jun 2017 20:10

Tgt Ion: 228 Resp: 1124315
 Ion Ratio Lower Upper
 228 100
 229 20.9 22.8 34.2#
 226 29.4 17.0 25.6#





#19

Chrysene

Concen: 31.843 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093345.D

Acq: 23 Jun 2017 20:10

Instrument :

BNA_E

ClientSampleId :

F5D15

Tgt Ion:228 Resp: 1155390

Ion Ratio Lower Upper

228 100

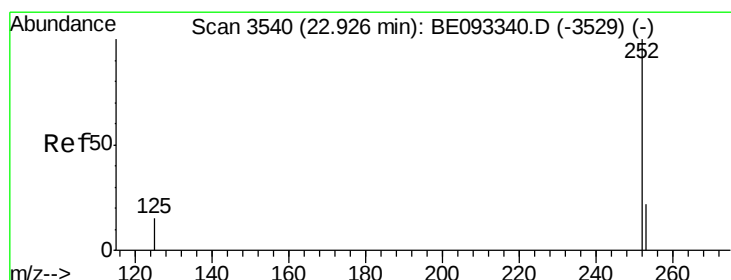
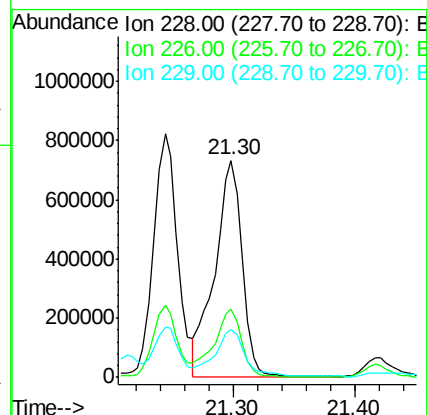
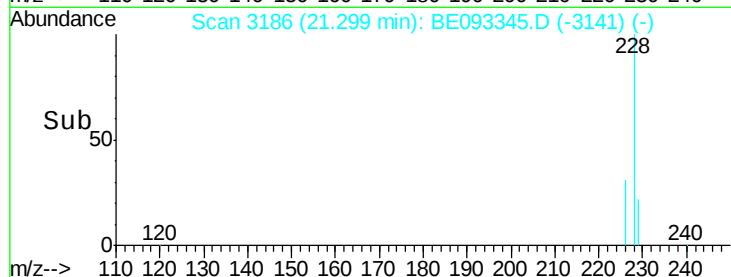
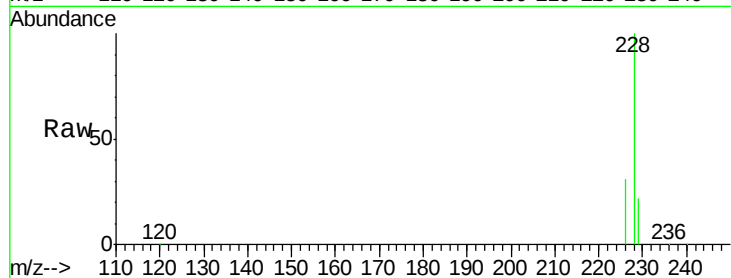
226 31.3 23.4 35.0

229 22.3 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 44.534 ng/ul

RT: 22.94 min Scan# 3544

Delta R.T. 0.02 min

Lab File: BE093345.D

Acq: 23 Jun 2017 20:10

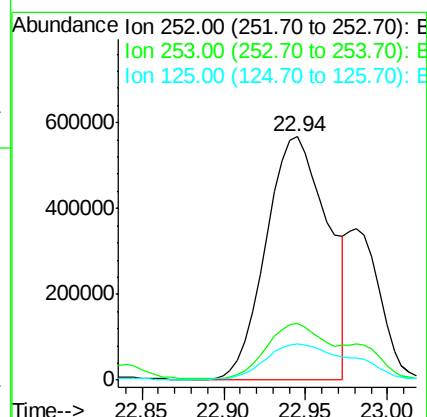
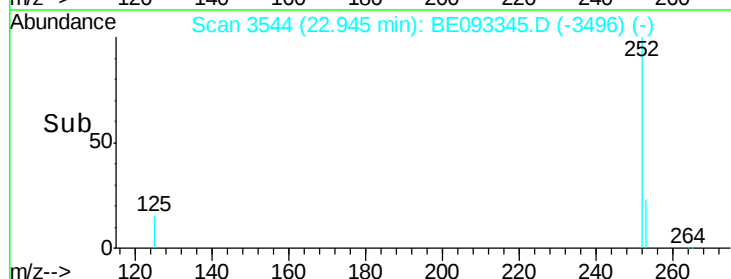
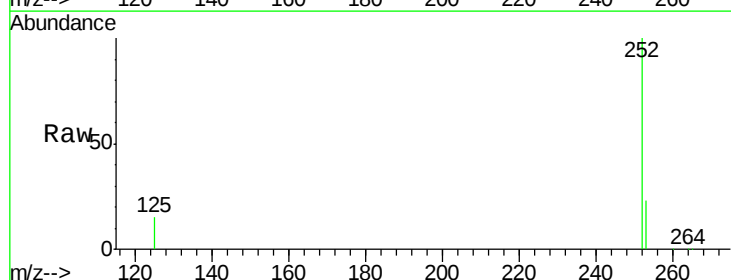
Tgt Ion:252 Resp: 1486772

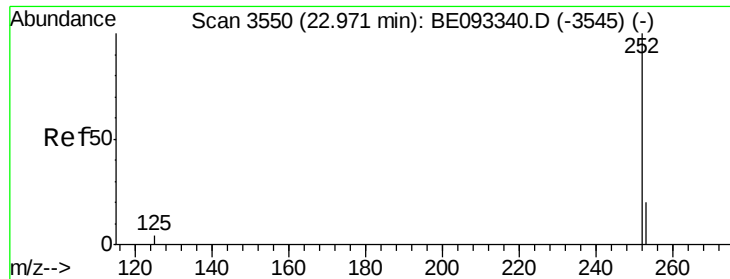
Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

125 15.1 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 16.743 ng/ul m

RT: 22.98 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BE093345.D

Acq: 23 Jun 2017 20:10

Instrument :

BNA_E

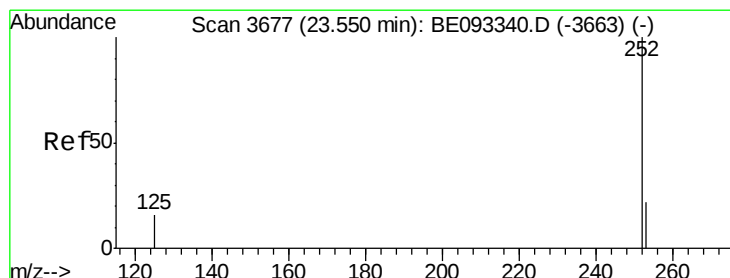
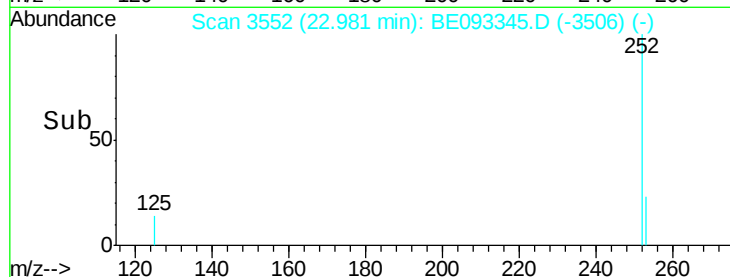
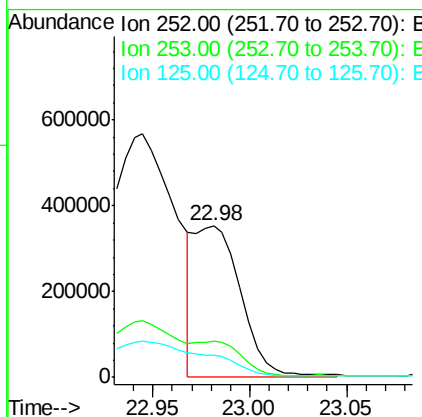
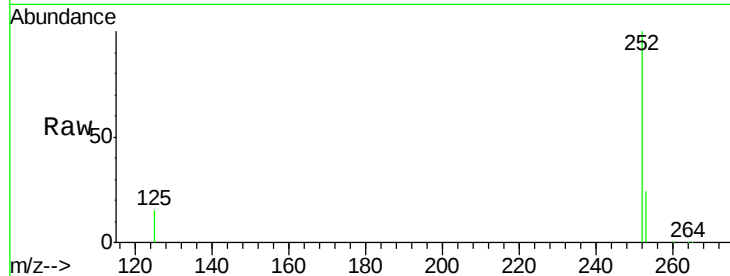
ClientSampleId :

F5D15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	14.5	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 32.435 ng/ul m

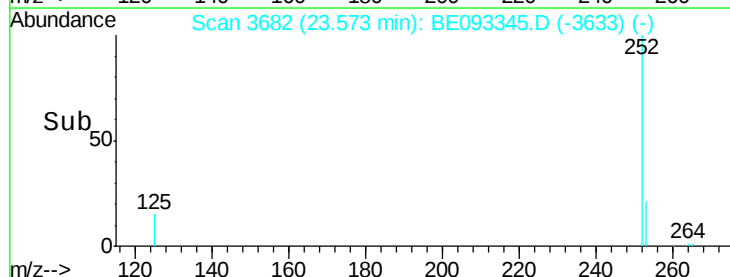
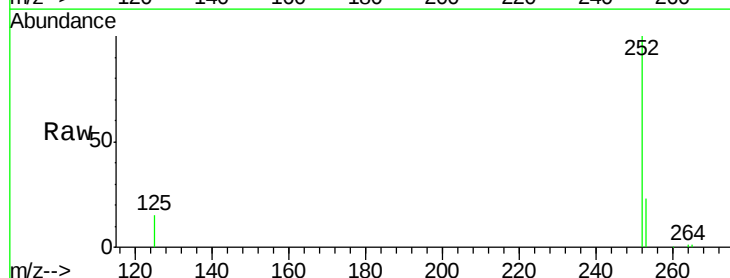
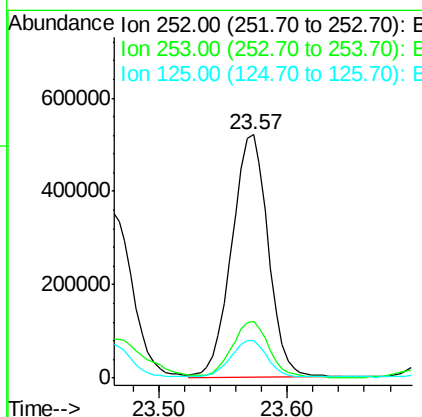
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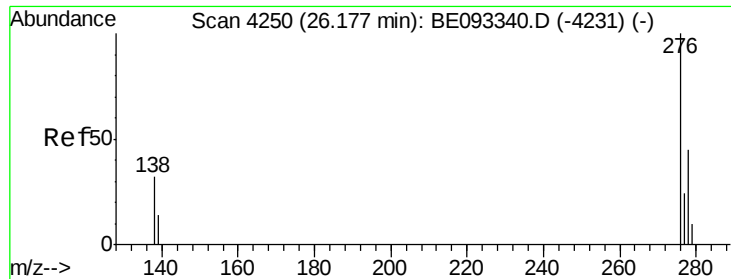
Delta R.T. 0.02 min

Lab File: BE093345.D

Acq: 23 Jun 2017 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	15.3	18.1	27.1#





#24

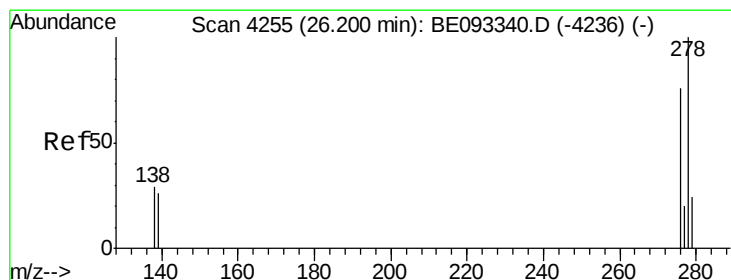
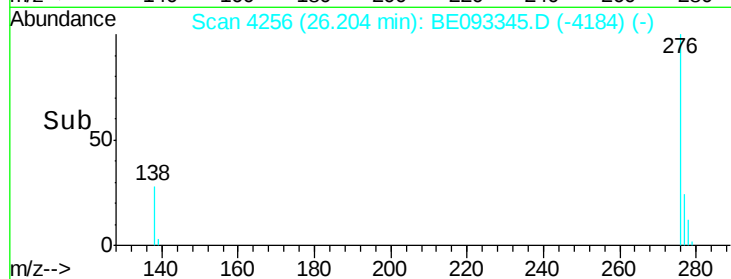
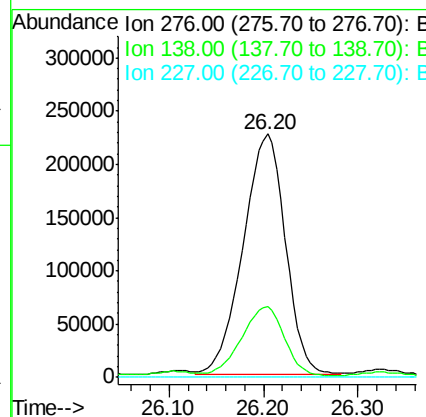
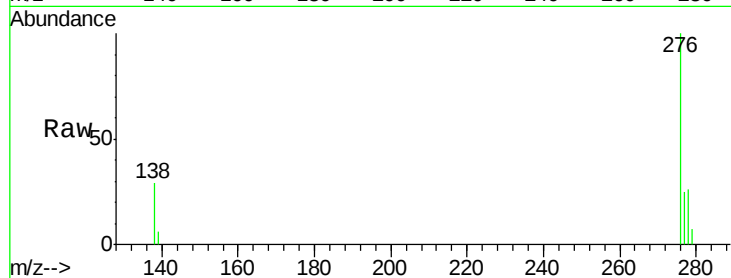
Indeno(1,2,3-cd)pyrene
Concen: 19.304 ng/ul m
RT: 26.20 min Scan# 4256
Delta R.T. 0.03 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Instrument :
BNA_E
ClientSampleId :
F5D15

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

Manual Integrations
APPROVED

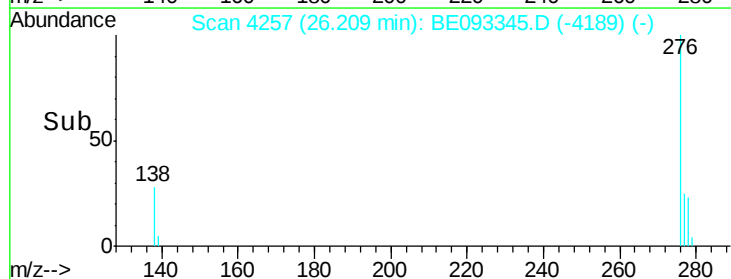
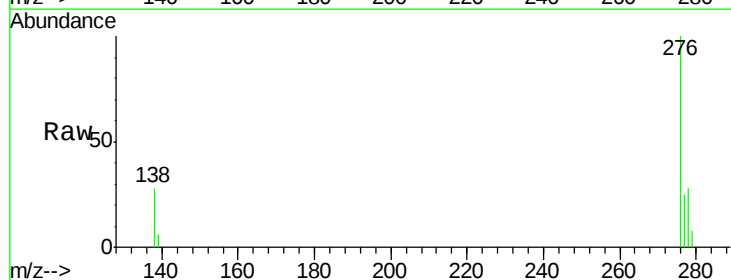
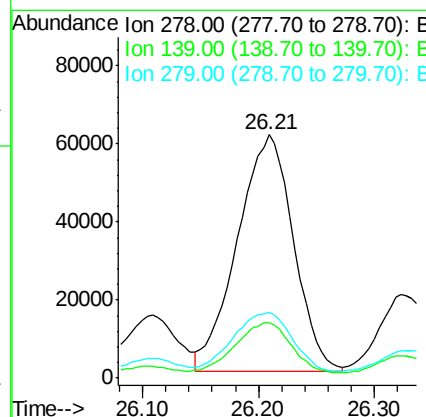
mohammad
6/29/2017 8:33:15 AM

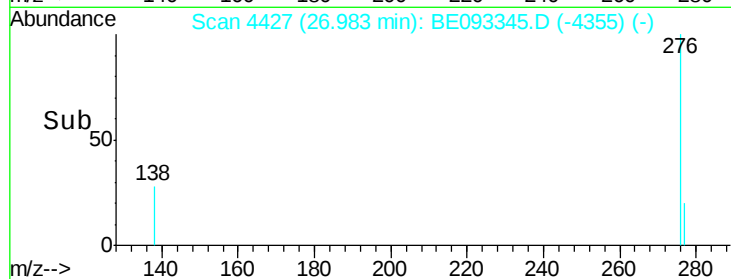
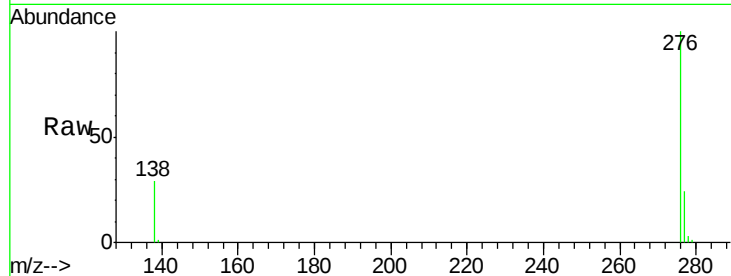
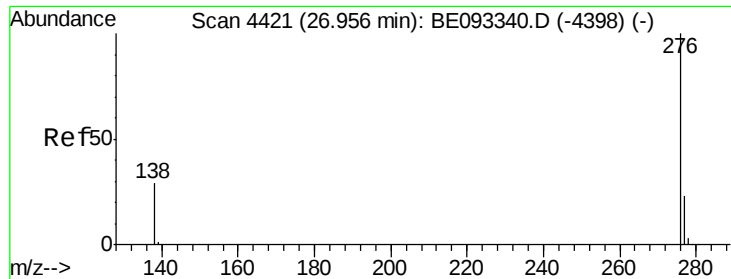


#25

Dibenzo(a,h)anthracene
Concen: 6.622 ng/ul m
RT: 26.21 min Scan# 4257
Delta R.T. 0.01 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	22.8	17.4	26.0
279	26.8	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 18.994 ng/uI

RT: 26.98 min Scan# 4427

Delta R.T. 0.03 min

Lab File: BE093345.D

Acq: 23 Jun 2017 20:10

Instrument :

BNA_E

ClientSampleId :

F5D15

Tgt	Ion	276	Resp:	595388
Ion	Ratio	Lower	Upper	
276	100			
138	29.4	21.8	32.8	
277	24.3	20.5	30.7	

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:15 AM

