

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
 Data File : BE093360.D
 Acq On : 24 Jun 2017 14:01
 Operator : SJ/JU
 Sample : I3625-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D03

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mohammad
 6/29/2017 8:34:10 AM

Quant Time: Jun 26 01:41:03 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	1386	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7293	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4645	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11462	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11999	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	9656m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	3443	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	13796	0.44	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	6633	0.367	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	1742	0.141	ng/ul	99
7) Acenaphthylene	14.08	152	15600	0.783	ng/ul	97
8) Acenaphthene	14.42	153	4811	0.299	ng/ul	99
9) Fluorene	15.41	166	6463	0.343	ng/ul	91
12) Phenanthrene	17.13	178	149643	4.745	ng/ul#	89
13) Anthracene	17.22	178	41086	1.496	ng/ul#	90
15) Fluoranthene	19.15	202	392806	10.157	ng/ul	84
17) Pyrene	19.51	202	396016	11.191	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	239478	7.482	ng/ul#	85
19) Chrysene	21.29	228	251785	7.584	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	353495	12.063	ng/ul	87
22) Benzo(k)fluoranthene	22.97	252	110921m	3.564	ng/ul	
23) Benzo(a)pyrene	23.56	252	209210m	7.551	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	129969m	4.051	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	37891m	1.402	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	101395	3.685	ng/ul	96

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

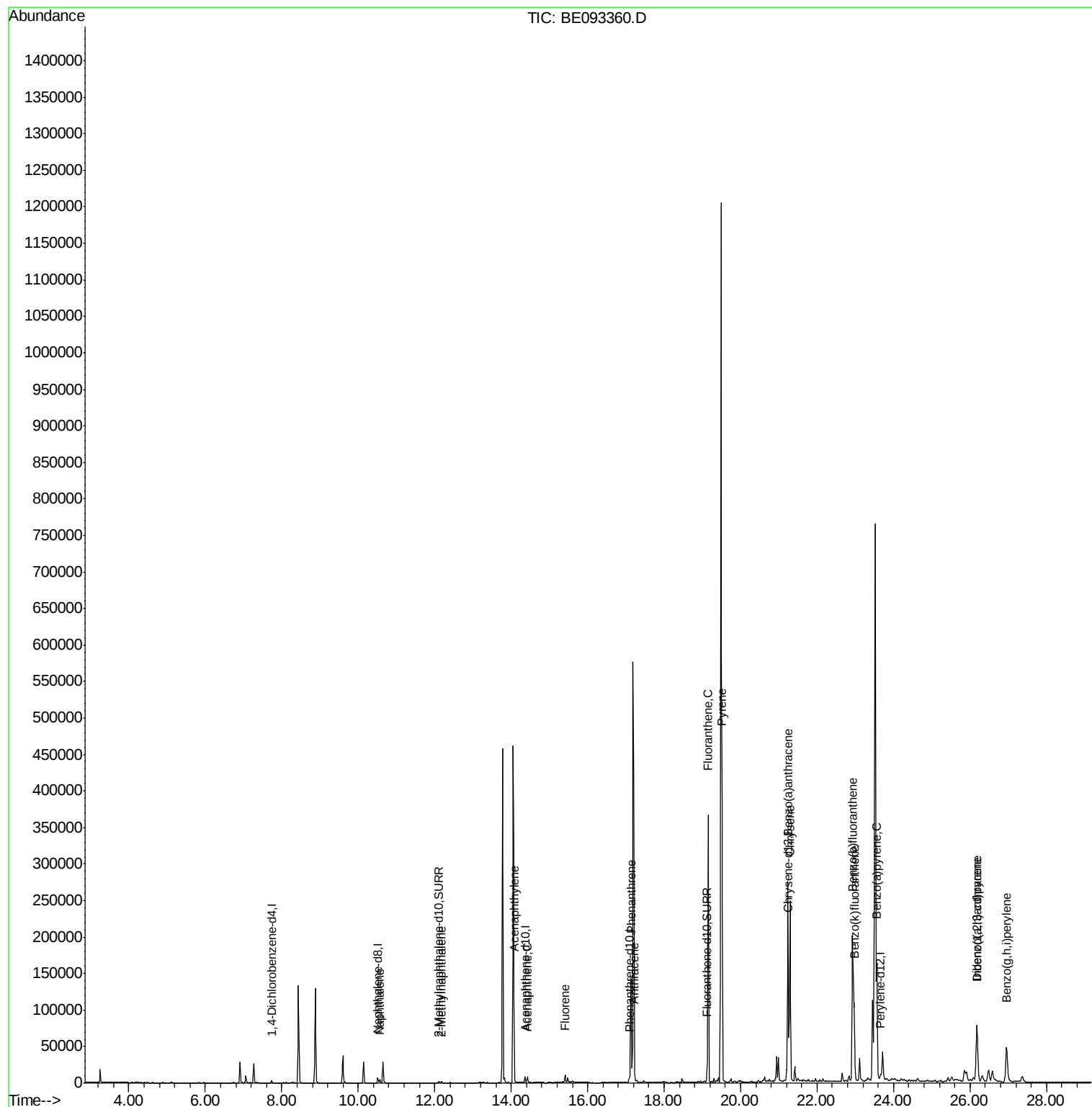
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093360.D
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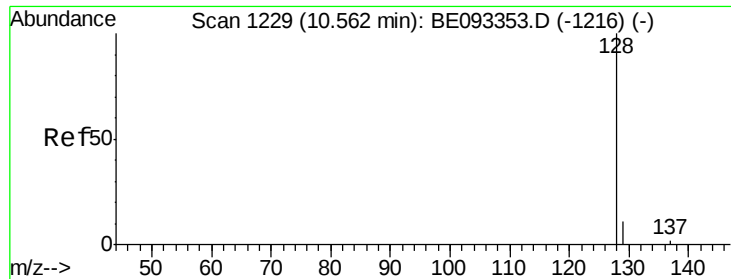
Instrument :
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#3

Naphthalene

Concen: 0.367 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Instrument :

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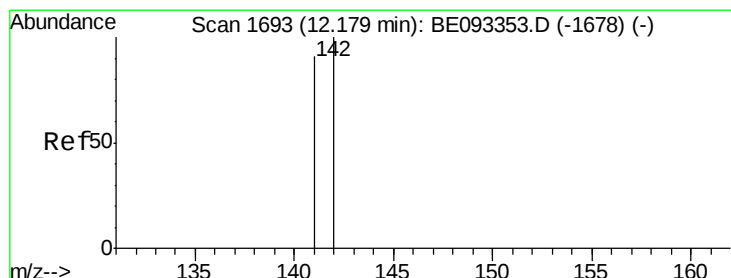
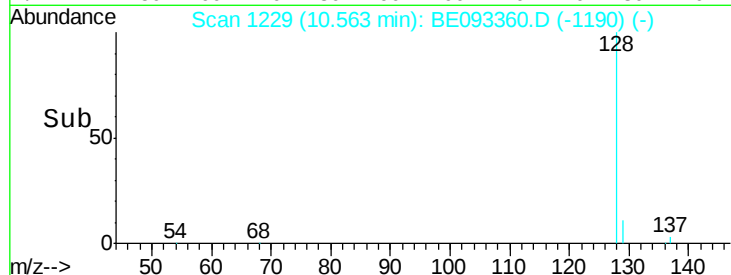
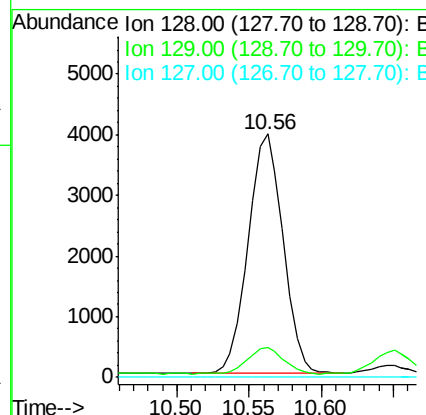
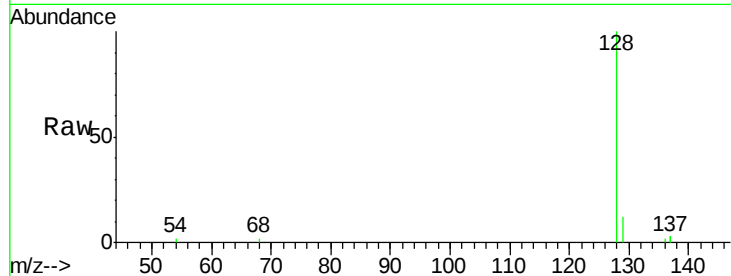
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.141 ng/ul

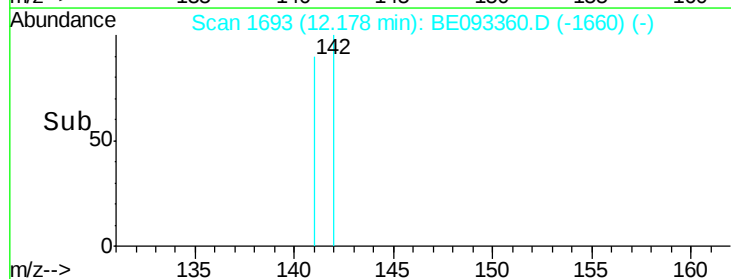
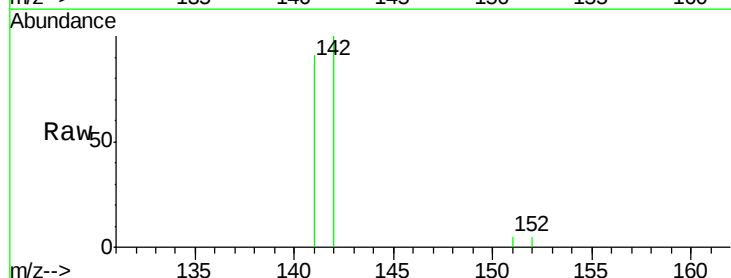
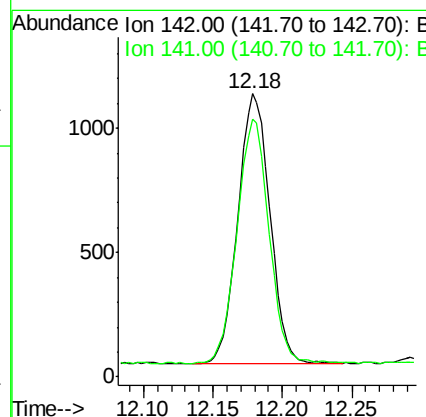
RT: 12.18 min Scan# 1693

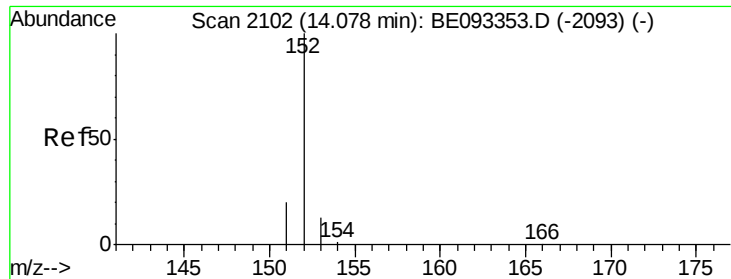
Delta R.T. -0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.783 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Instrument :

BNA_E

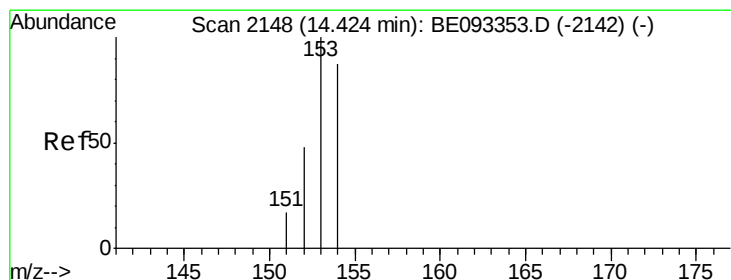
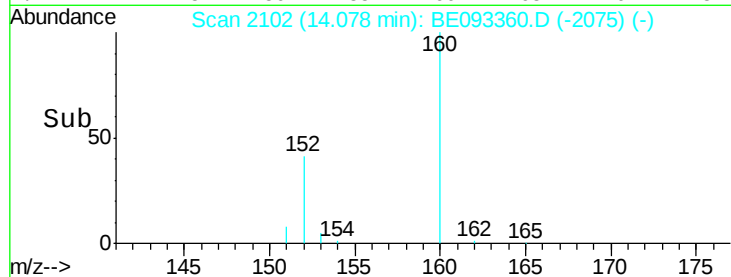
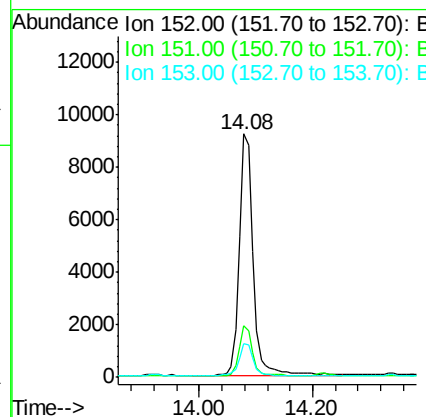
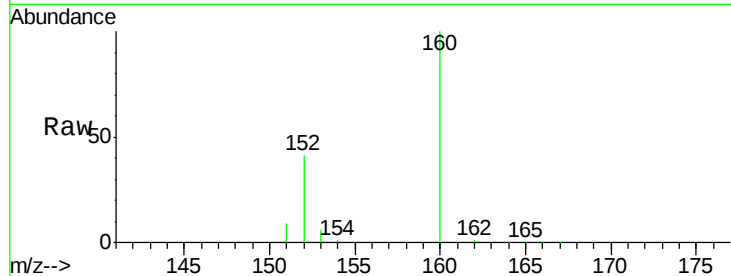
ClientSampleId :

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Tgt Ion:	152	Resp:	15600
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	13.8	12.8	19.2

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#8

Acenaphthene

Concen: 0.299 ng/ul

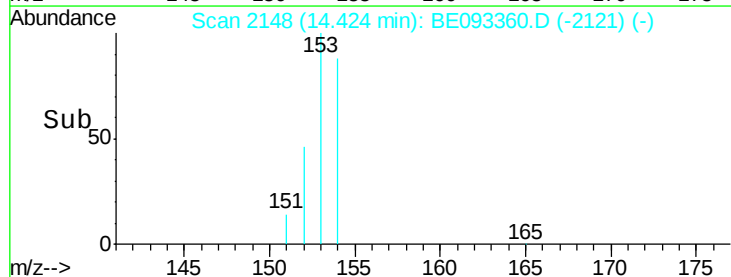
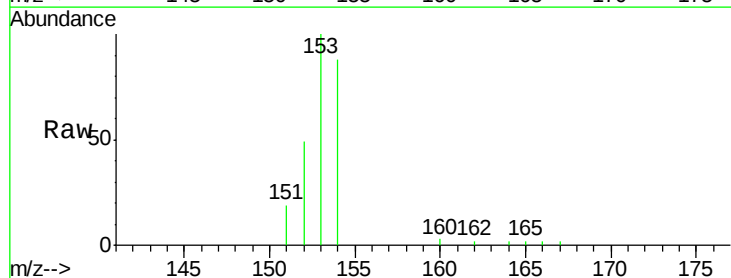
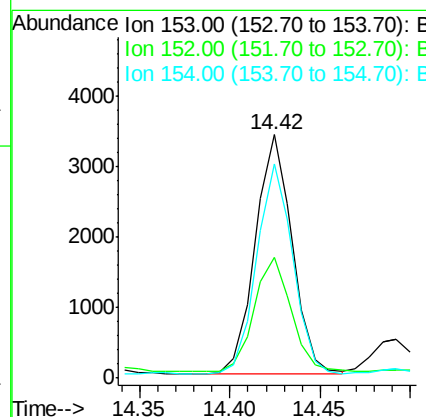
RT: 14.42 min Scan# 2148

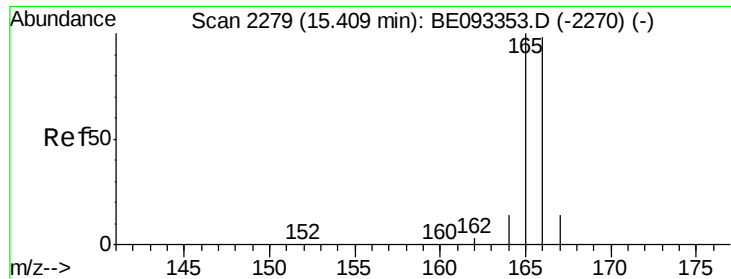
Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Tgt Ion:	153	Resp:	4811
Ion Ratio	Lower	Upper	
153	100		
152	49.4	40.3	60.5
154	88.0	71.4	107.2





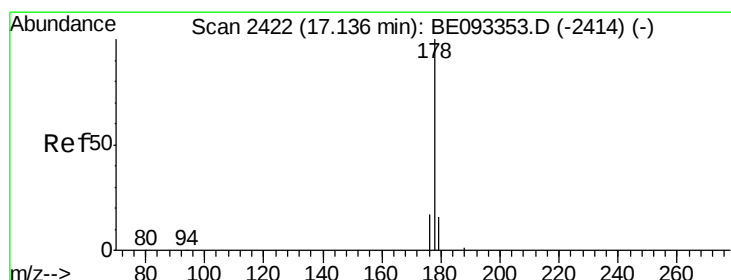
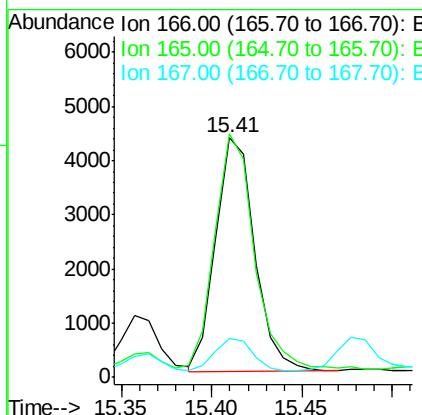
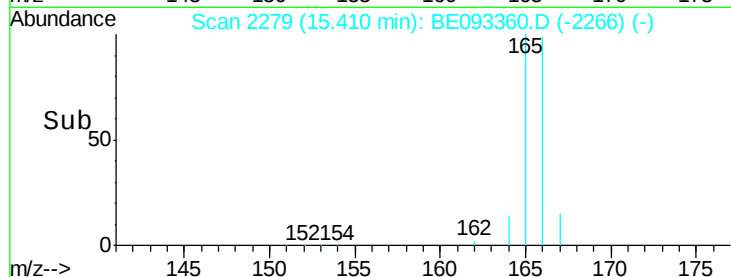
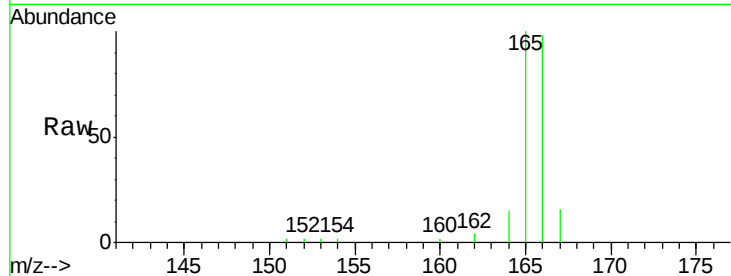
#9
Fluorene
 Concen: 0.343 ng/ul
 RT: 15.41 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE093360.D
 Acq: 24 Jun 2017 14:01

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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	73.4	110.2
167	16.3	14.6	22.0

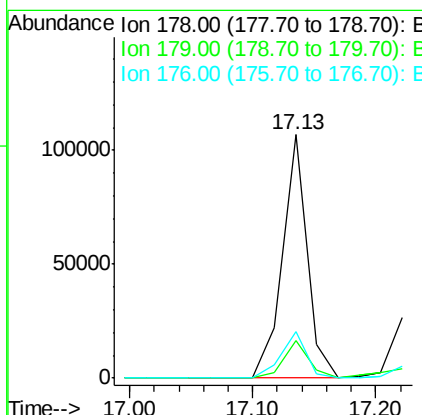
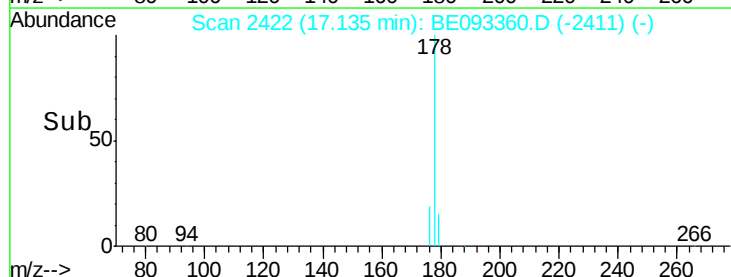
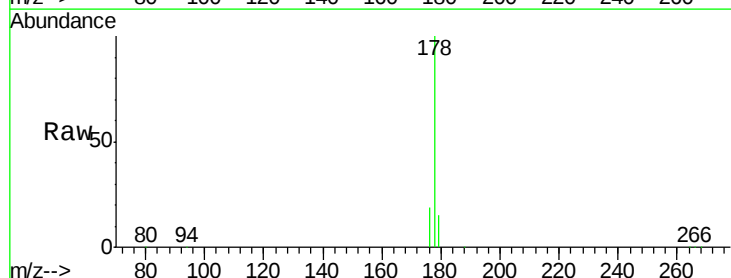
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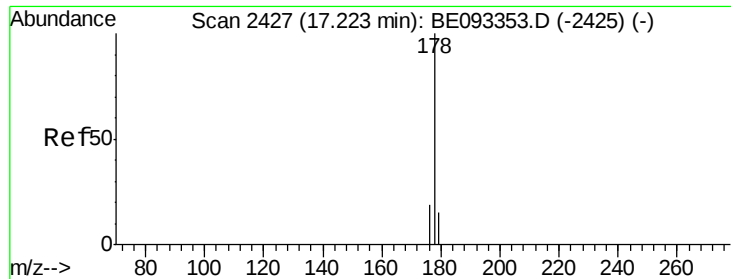
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#12
Phenanthrene
 Concen: 4.745 ng/ul
 RT: 17.13 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BE093360.D
 Acq: 24 Jun 2017 14:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.0	13.6	20.4





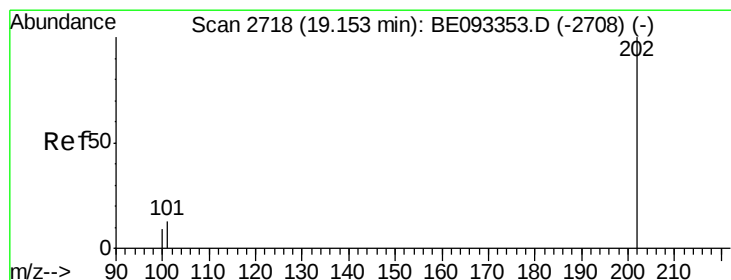
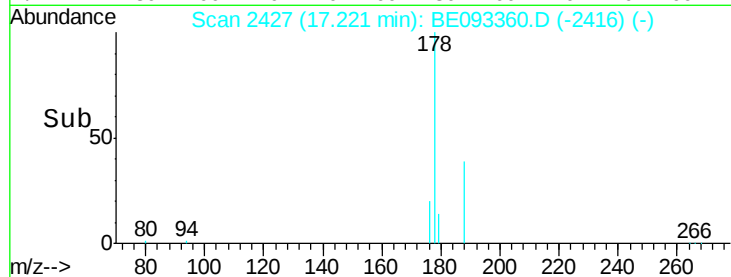
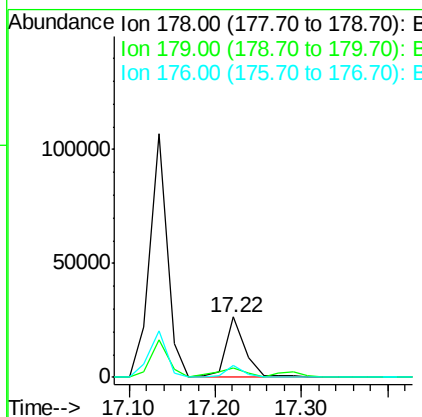
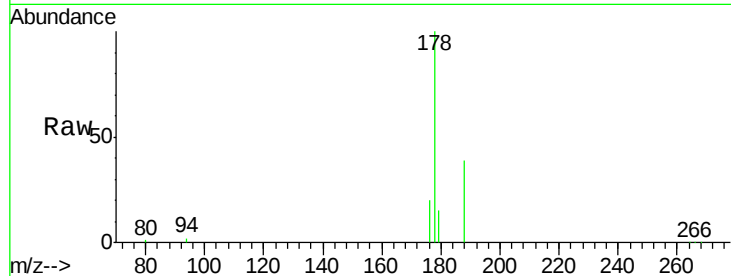
#13
 Anthracene
 Concen: 1.496 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BE093360.D
 Acq: 24 Jun 2017 14:01

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:178 Resp: 41086
 Ion Ratio Lower Upper
 178 100
 179 14.7 18.1 27.1#
 176 19.8 14.7 22.1

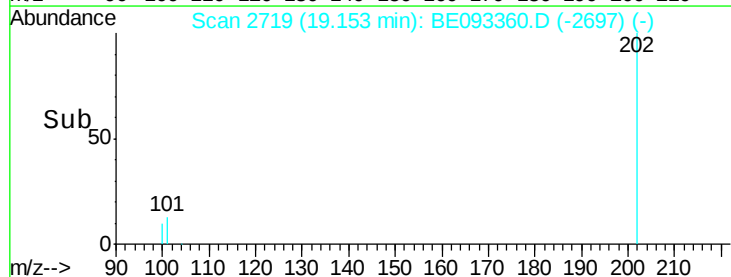
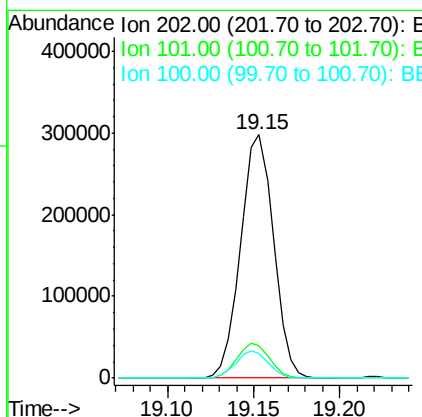
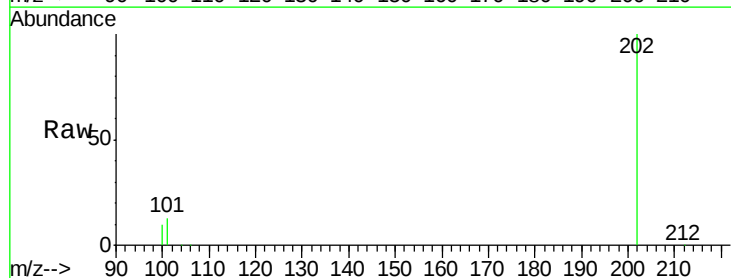
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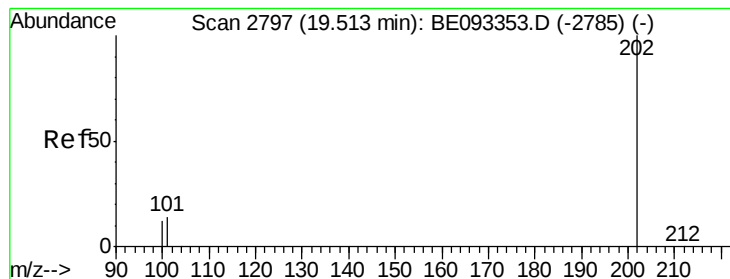
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#15
 Fluoranthene
 Concen: 10.157 ng/ul
 RT: 19.15 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE093360.D
 Acq: 24 Jun 2017 14:01

Tgt Ion:202 Resp: 392806
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 30.3
 100 9.9 0.0 39.5





#17

Pyrene

Concen: 11.191 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Instrument :

BNA_E

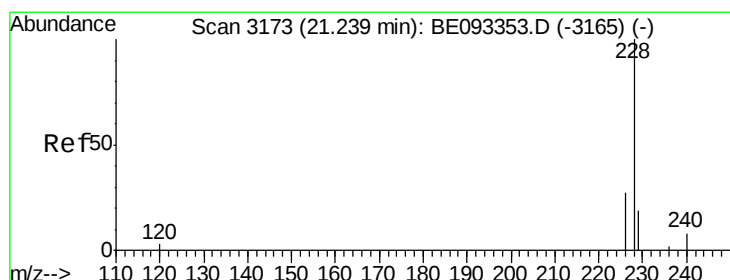
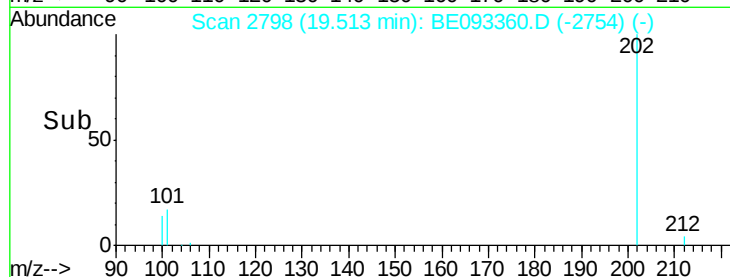
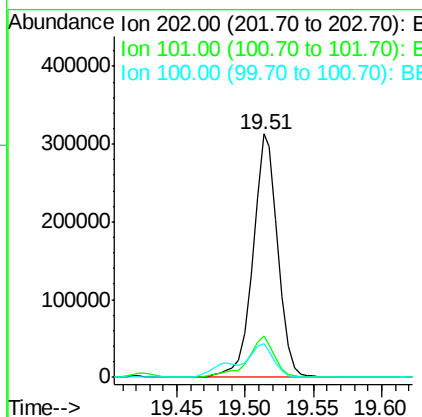
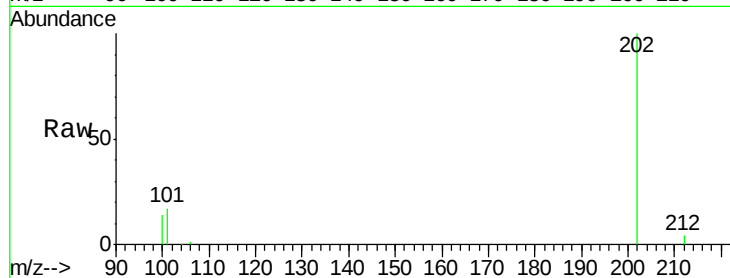
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Tgt Ion:	202	Resp:	396016
Ion Ratio	Lower	Upper	
202	100		
101	16.9	18.2	27.4#
100	14.0	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 7.482 ng/ul

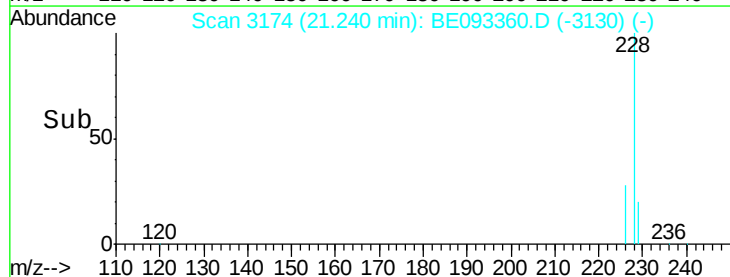
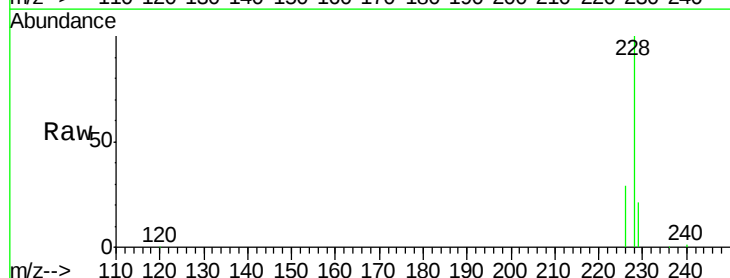
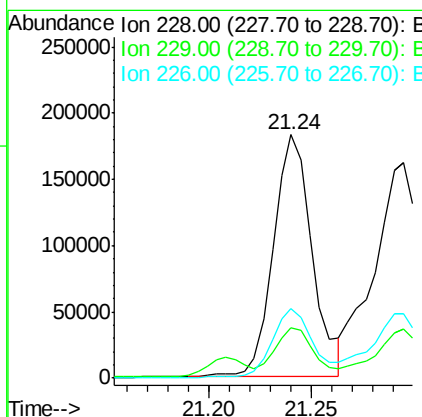
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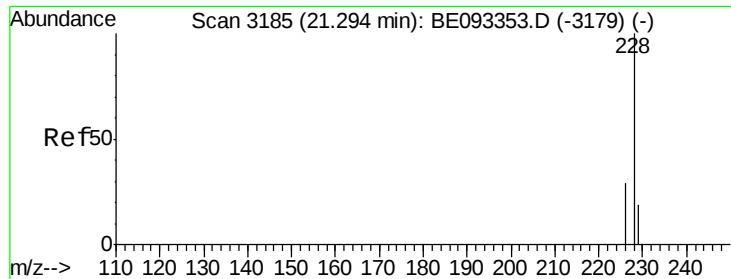
Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Tgt Ion:	228	Resp:	239478
Ion Ratio	Lower	Upper	
228	100		
229	20.8	22.8	34.2#
226	28.6	17.0	25.6#





#19

Chrysene

Concen: 7.584 ng/ul

RT: 21.29 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Instrument :

BNA_E

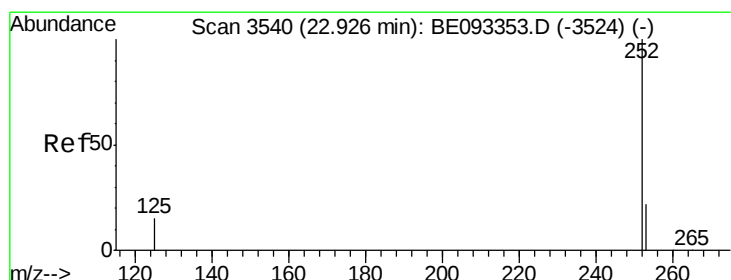
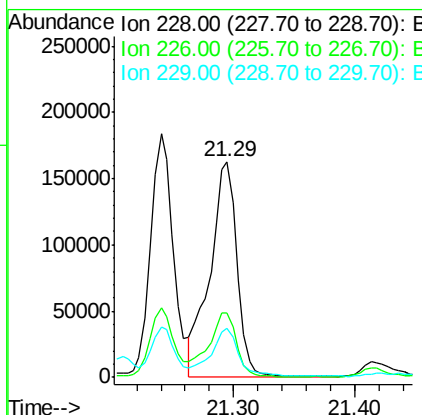
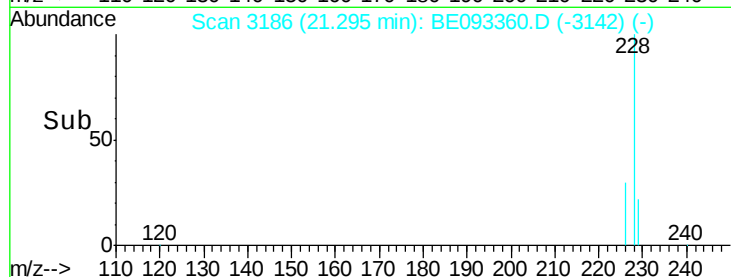
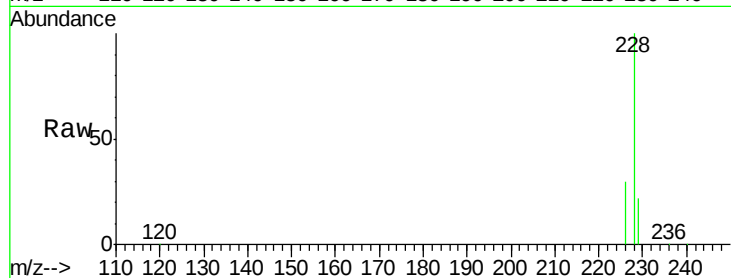
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Tgt Ion:	228	Resp:	251785
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	22.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 12.063 ng/ul

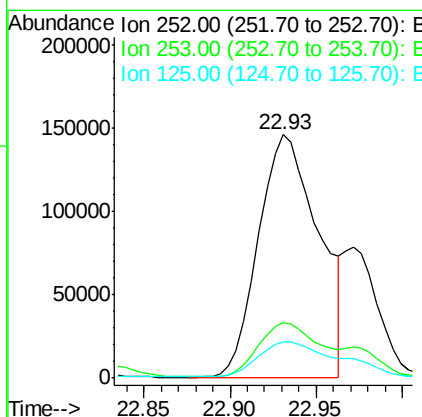
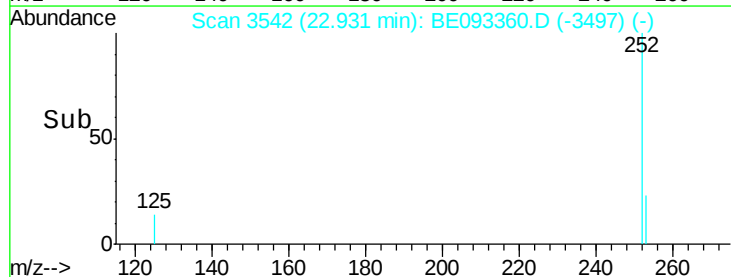
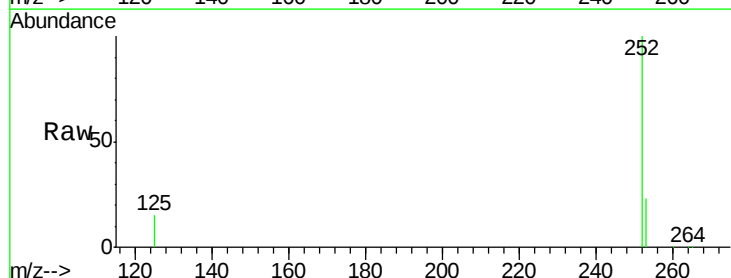
RT: 22.93 min Scan# 3542

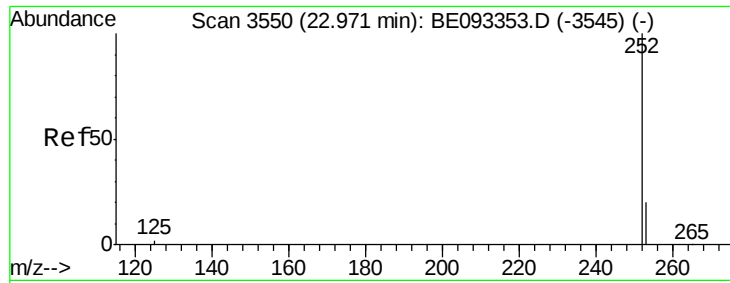
Delta R.T. 0.00 min

Lab File: BE093360.D

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Tgt Ion:	252	Resp:	353495
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	14.9	0.0	35.0





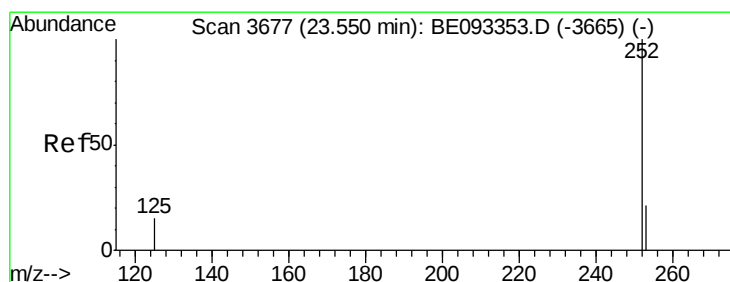
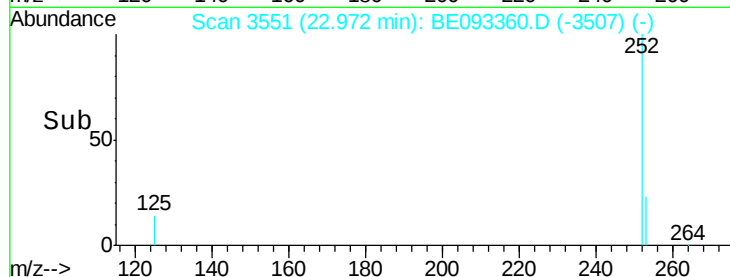
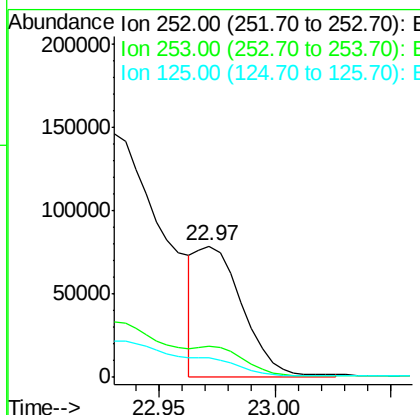
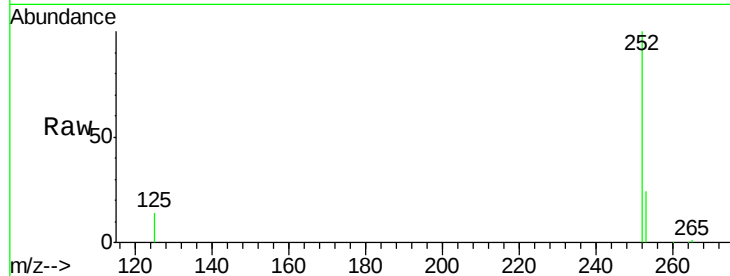
#22
Benzo(k)fluoranthene
Concen: 3.564 ng/ul m
RT: 22.97 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE093360.D
Acq: 24 Jun 2017 14:01

Instrument :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	14.5	13.7	20.5

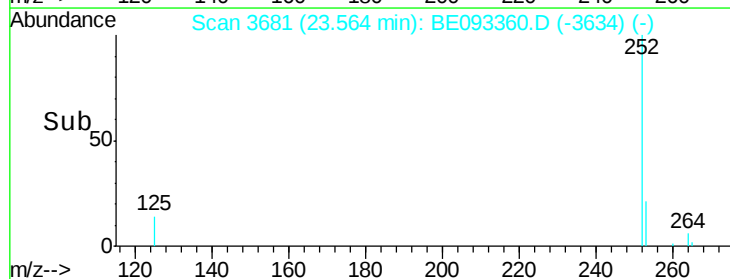
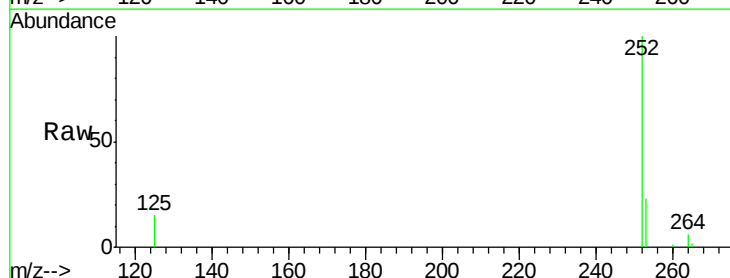
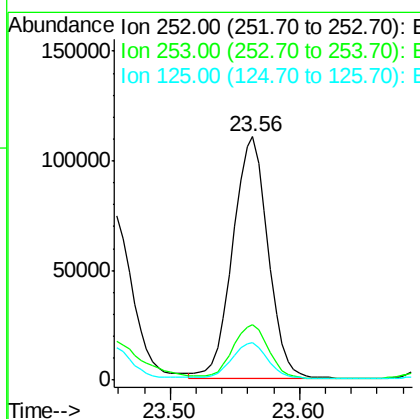
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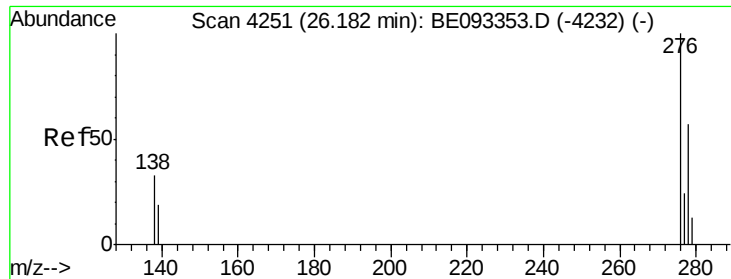
mohammad
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#23
Benzo(a)pyrene
Concen: 7.551 ng/ul m
RT: 23.56 min Scan# 3681
Delta R.T. 0.01 min
Lab File: BE093360.D
Acq: 24 Jun 2017 14:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	15.3	18.1	27.1#





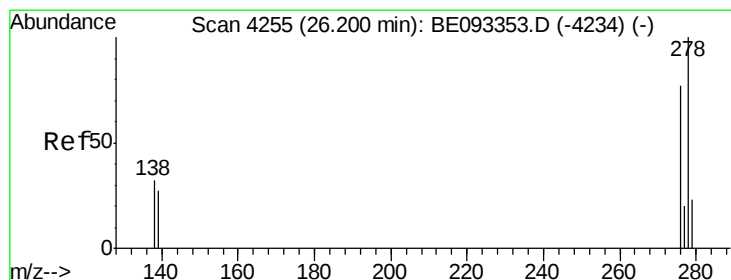
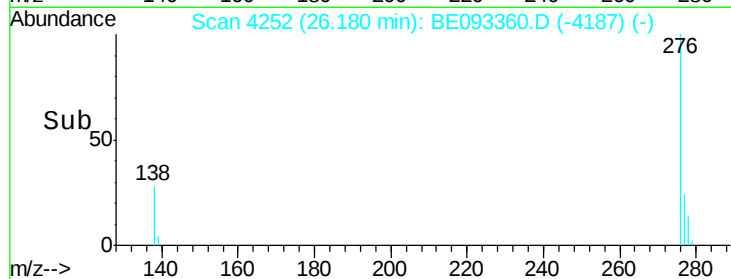
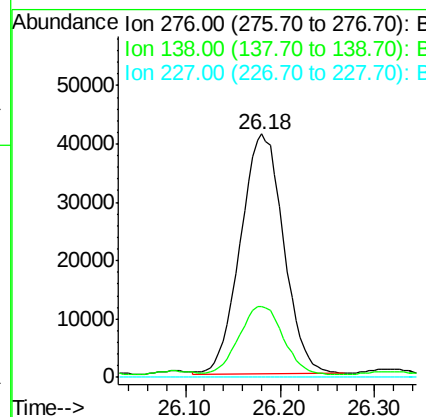
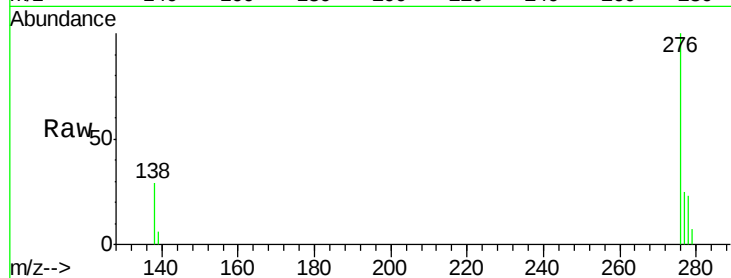
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 4.051 ng/ul m
 RT: 26.18 min Scan# 4252
 Delta R.T. -0.00 min
 Lab File: BE093360.D
 Acq: 24 Jun 2017 14:01

Instrument :
 BNA_E
 ClientSampleId :
 F5D03

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	129969		
138	3.2	28.0	42.0#	
227	0.0	8.0	12.0#	

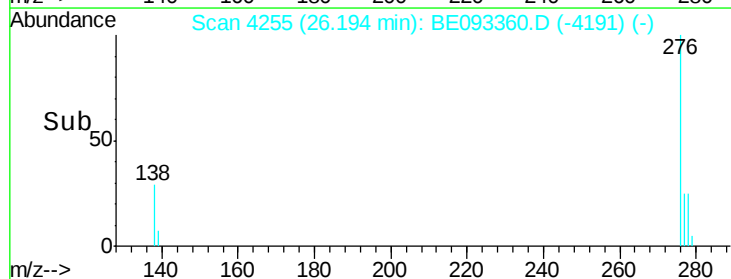
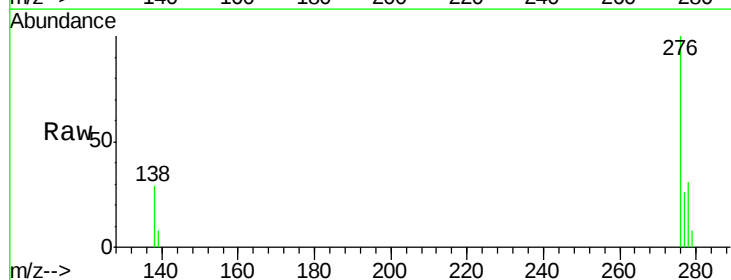
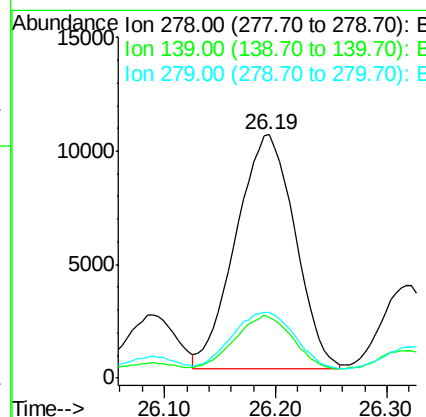
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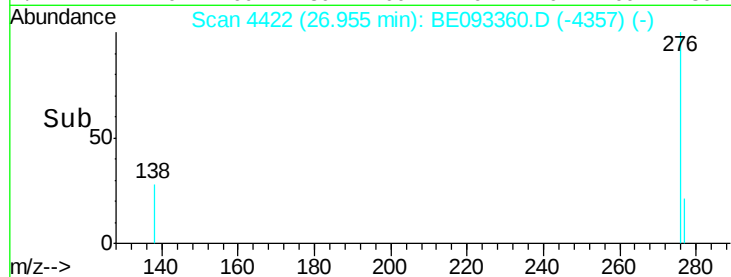
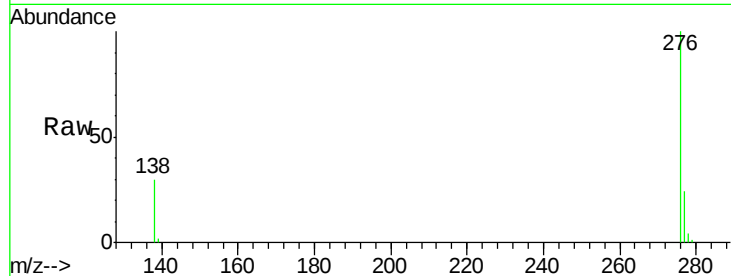
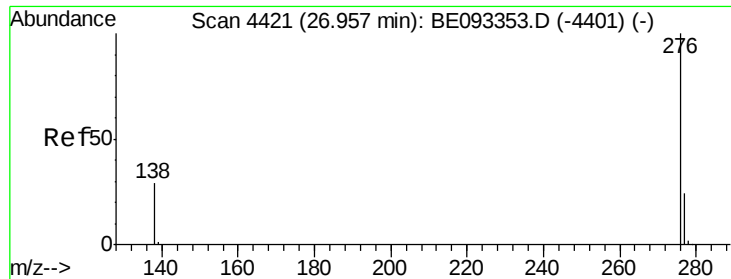
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#25
 Dibenzo(a,h)anthracene
 Concen: 1.402 ng/ul m
 RT: 26.19 min Scan# 4255
 Delta R.T. -0.01 min
 Lab File: BE093360.D
 Acq: 24 Jun 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	37891		
139	25.1	17.4	26.0	
279	27.2	25.9	38.9	





#26
Benzo(g,h,i)perylene
Concen: 3.685 ng/ul
RT: 26.96 min Scan# 4422
Delta R.T. -0.00 min
Lab File: BE093360.D
Acq: 24 Jun 2017 14:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.9	21.8	32.8
277	24.3	20.5	30.7

Instrument :
BNA_E
ClientSampleId :
F5D03

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