

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094336.D
 Acq On : 13 Oct 2017 23:05
 Operator : SJ/JU
 Sample : I5568-07DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-29(1-3)-092917DL

Manual Integrations
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 10/16/2017 8:23:01 PM

Quant Time: Oct 14 04:31:45 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 03:57:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1681	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8677	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4884	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10379	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9894	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	10629	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	616	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1337	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	6419	0.30	ng/ul#	95
5) 2-Methylnaphthalene	12.37	142	3300	0.24	ng/ul	99
7) Acenaphthylene	14.26	152	1396	0.07	ng/ul#	73
8) Acenaphthene	14.60	153	17700	1.13	ng/ul	97
9) Fluorene	15.58	166	17370	0.95	ng/ul#	91
12) Phenanthrene	17.31	178	251562	9.28	ng/ul#	88
13) Anthracene	17.39	178	68810	2.61	ng/ul#	89
15) Fluoranthene	19.33	202	631631	17.72	ng/ul	85
17) Pyrene	19.69	202	547689	19.90	ng/ul#	81
18) Benzo(a)anthracene	21.42	228	409705	15.61	ng/ul#	88
19) Chrysene	21.48	228	367884	12.14	ng/ul	97
21) Benzo(b)fluoranthene	23.20	252	501998m	17.39	ng/ul	
22) Benzo(k)fluoranthene	23.25	252	152996m	4.58	ng/ul	
23) Benzo(a)pyrene	23.87	252	346815	11.56	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.68	276	199019	6.48	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.68	278	57652	2.24	ng/ul#	75
26) Benzo(g,h,i)perylene	27.52	276	169691	6.41	ng/ul	96

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

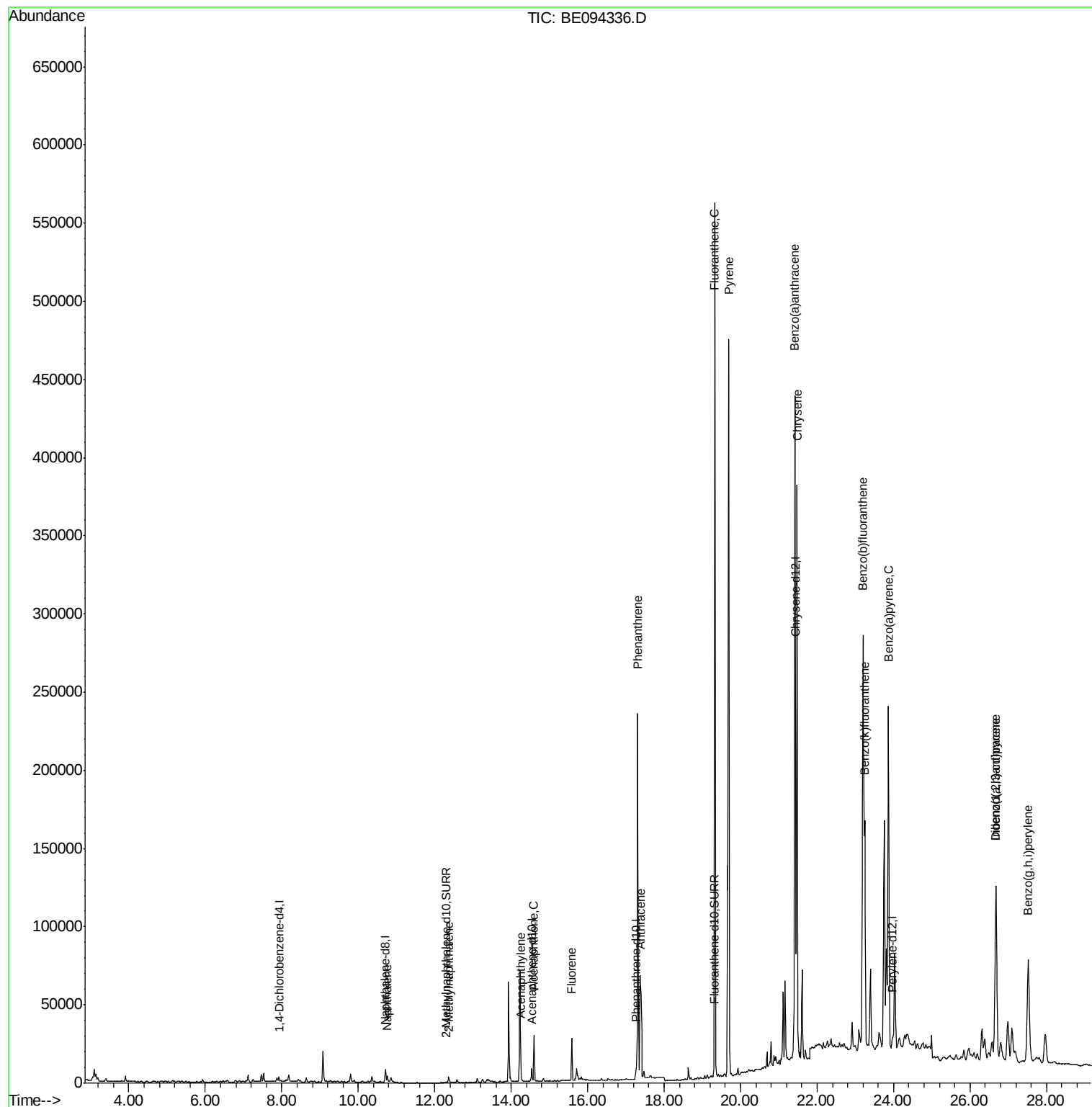
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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ALS Vial : 17 Sample Multiplier: 1

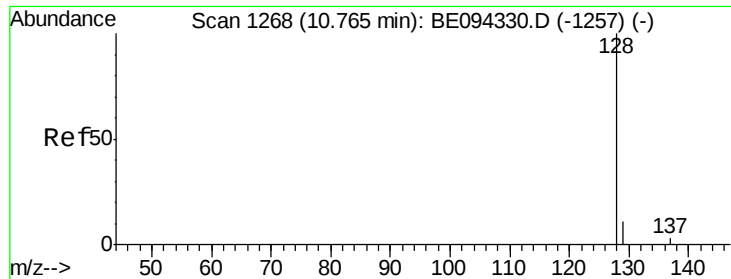
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#3

Naphthalene

Concen: 0.30 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BE094336.D

Acq: 13 Oct 2017 23:05

Instrument :

BNA_E

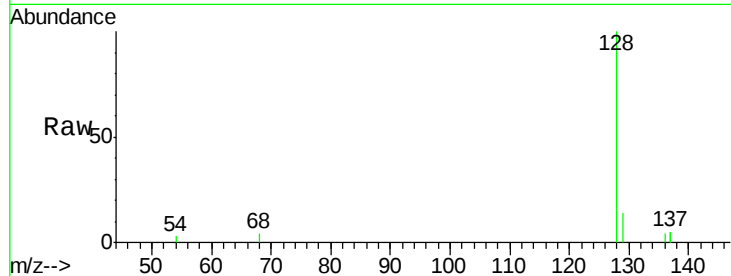
ClientSampleId :

B-29(1-3)-092917DL

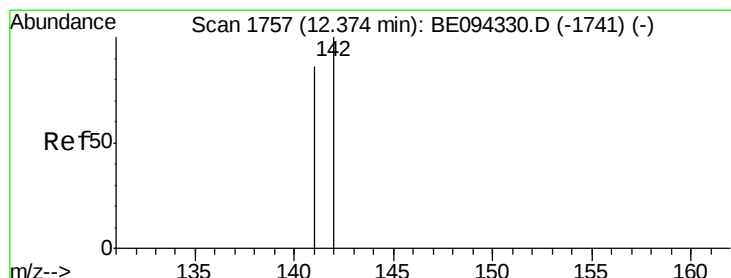
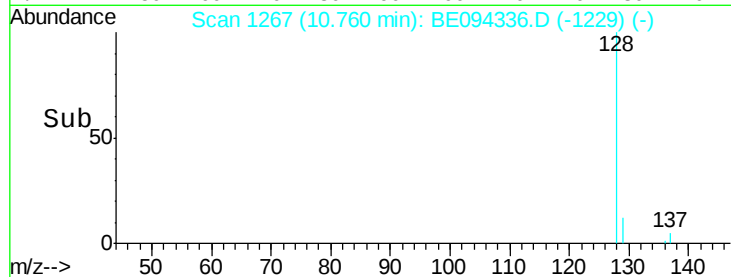
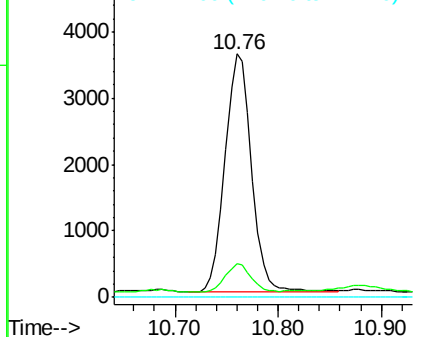
Tgt Ion:	128	Resp:	6419
Ion Ratio	Lower	Upper	
128	100		
129	13.6	11.3	16.9
127	0.0	4.0	6.0#

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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: 0.24 ng/ul

RT: 12.37 min Scan# 1755

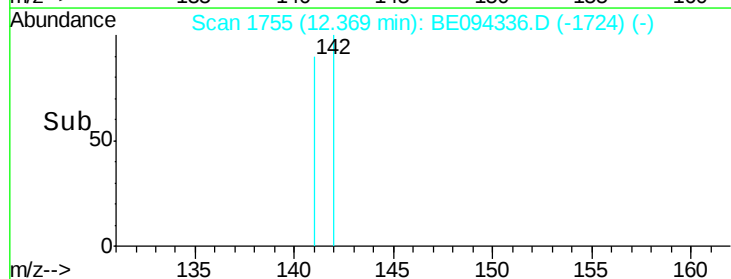
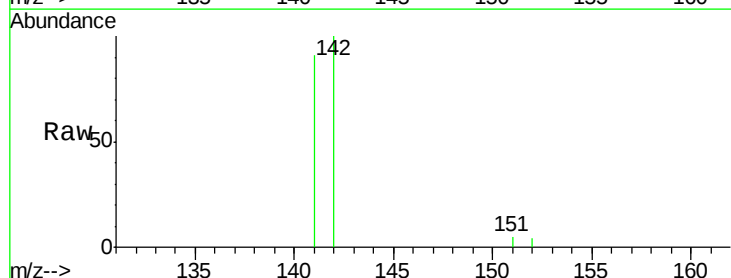
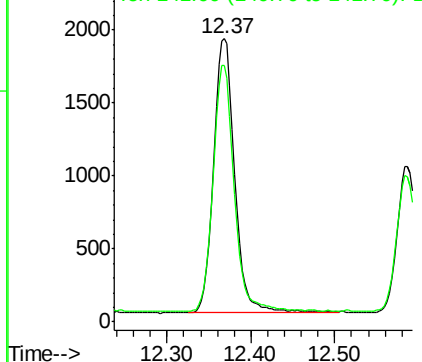
Delta R.T. -0.01 min

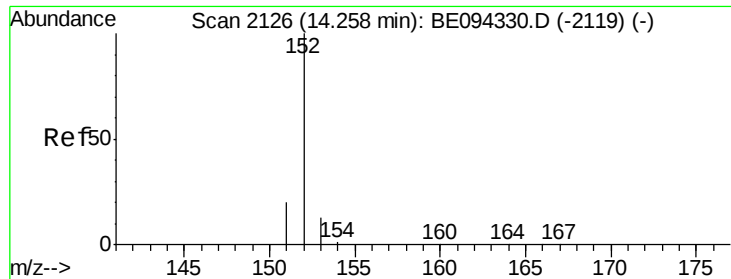
Lab File: BE094336.D

Acq: 13 Oct 2017 23:05

Tgt Ion:	142	Resp:	3300
Ion Ratio	Lower	Upper	
142	100		
141	89.3	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: 0.07 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BE094336.D

Acq: 13 Oct 2017 23:05

Instrument :

BNA_E

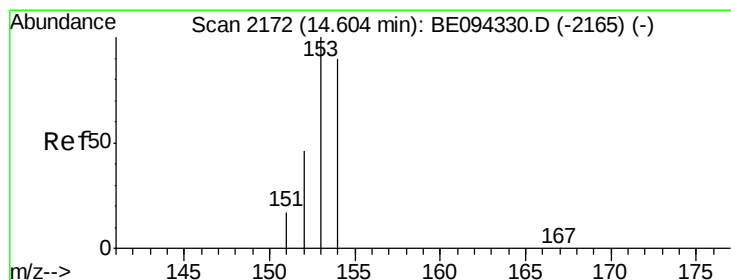
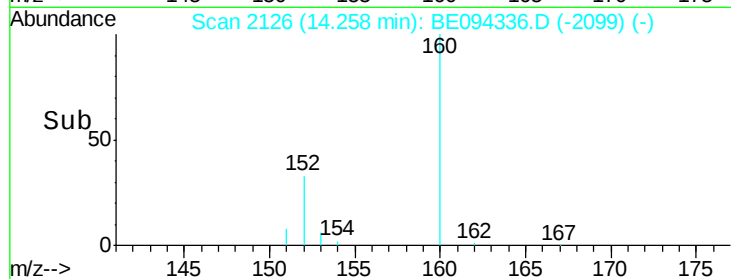
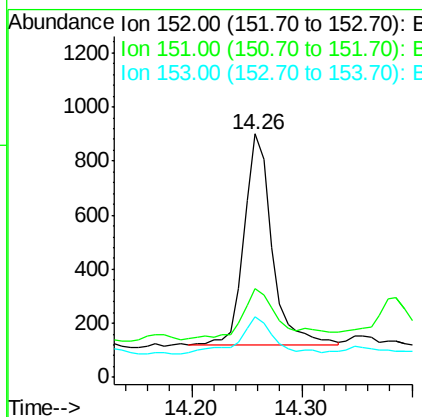
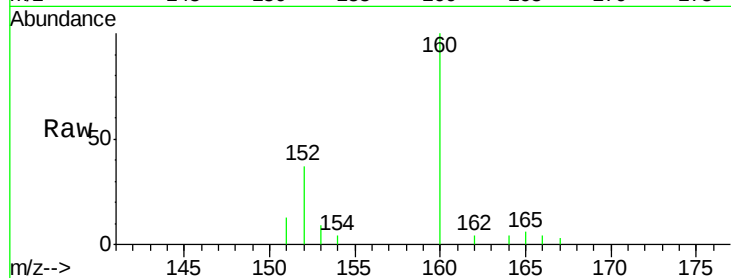
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	36.3	17.1	25.7#
153	25.1	12.8	19.2#

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#8

Acenaphthene

Concen: 1.13 ng/ul

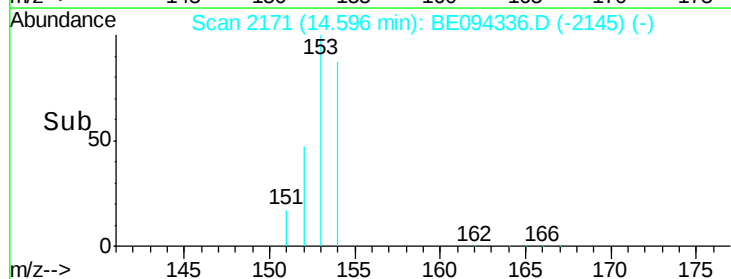
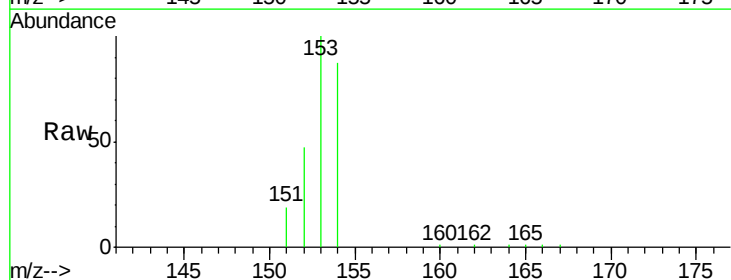
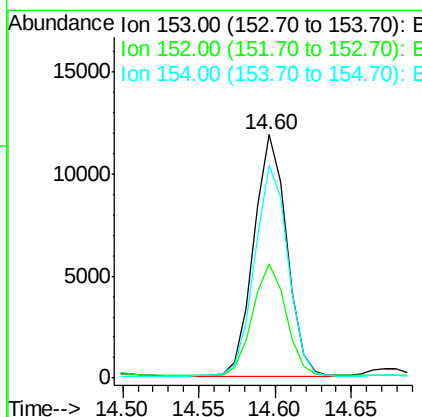
RT: 14.60 min Scan# 2171

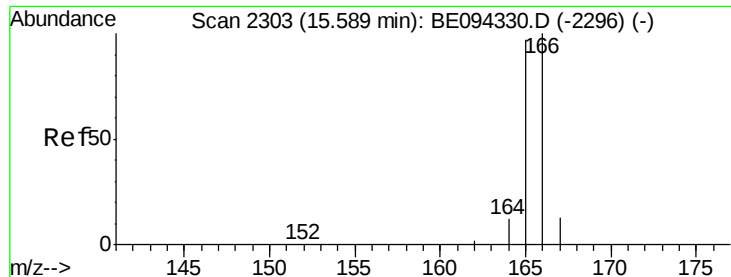
Delta R.T. -0.01 min

Lab File: BE094336.D

Acq: 13 Oct 2017 23:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.2	40.3	60.5
154	87.2	71.4	107.2





#9

Fluorene

Concen: 0.95 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BE094336.D

Acq: 13 Oct 2017 23:05

Instrument :

BNA_E

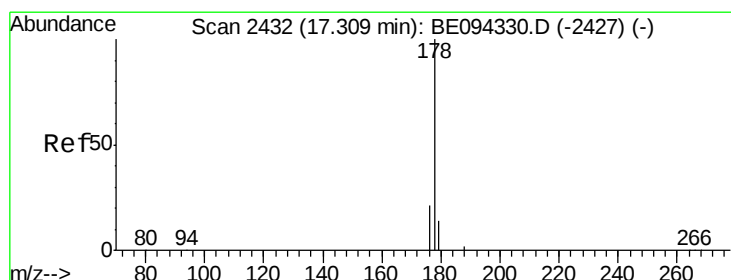
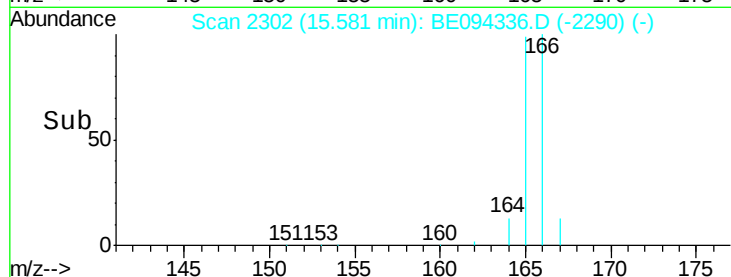
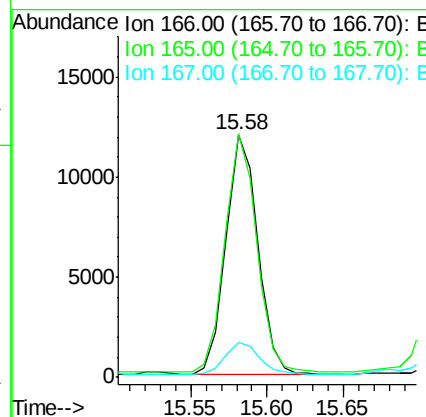
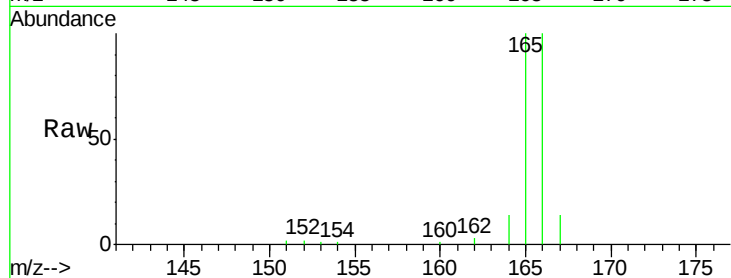
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	73.4	110.2
167	14.5	14.6	22.0

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#12

Phenanthrene

Concen: 9.28 ng/ul

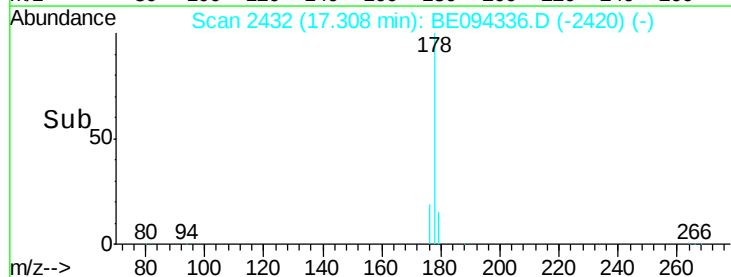
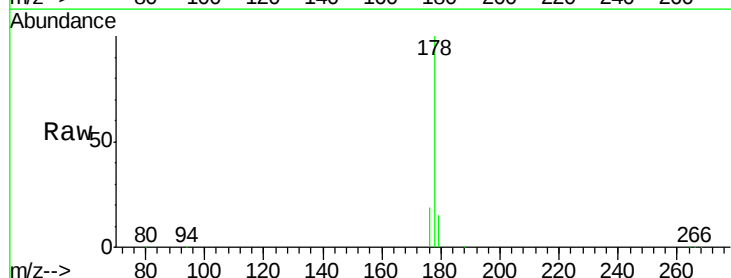
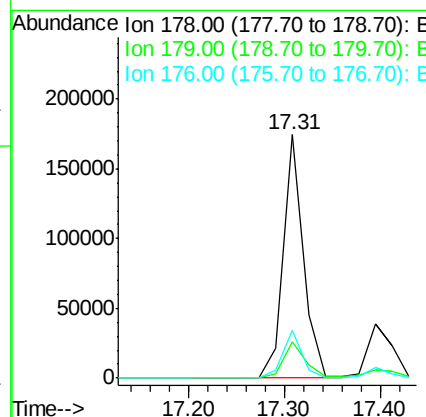
RT: 17.31 min Scan# 2432

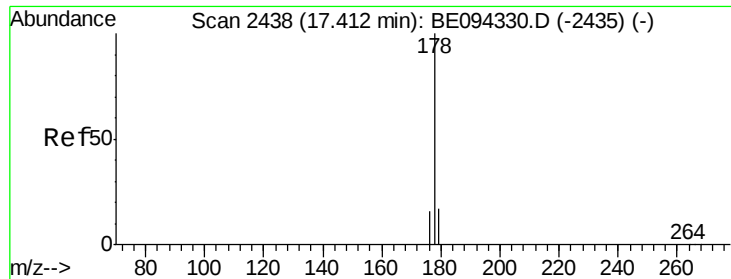
Delta R.T. -0.00 min

Lab File: BE094336.D

Acq: 13 Oct 2017 23:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.4	27.6
176	19.4	13.6	20.4





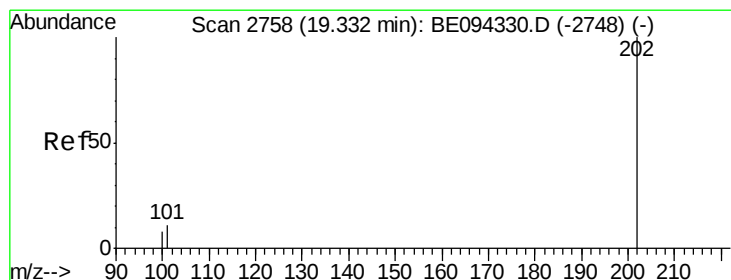
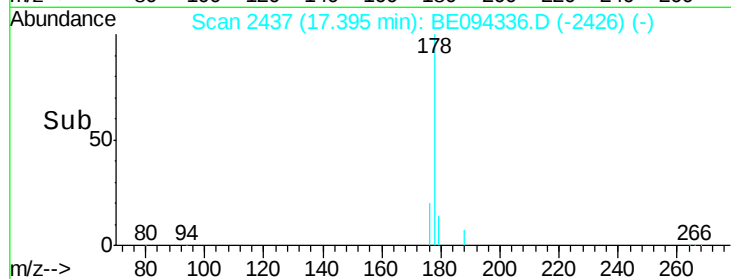
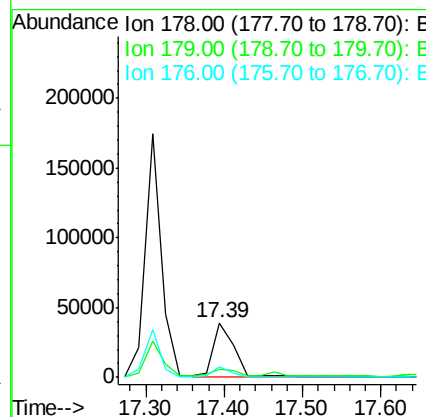
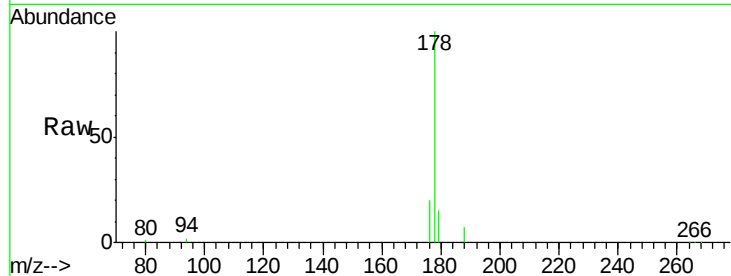
#13
 Anthracene
 Concen: 2.61 ng/ul
 RT: 17.39 min Scan# 2437
 Delta R.T. -0.02 min
 Lab File: BE094336.D
 Acq: 13 Oct 2017 23:05

Instrument :
 BNA_E
 ClientSampleId :
 B-29(1-3)-092917DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.1	27.1#
176	20.5	14.7	22.1

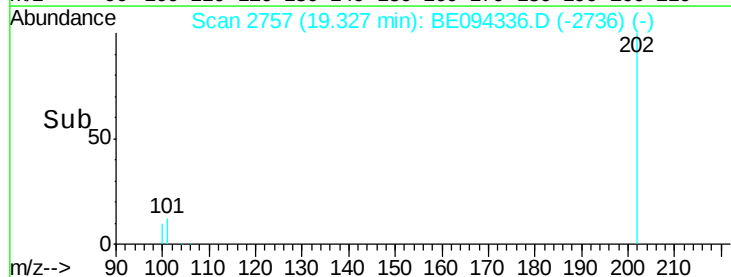
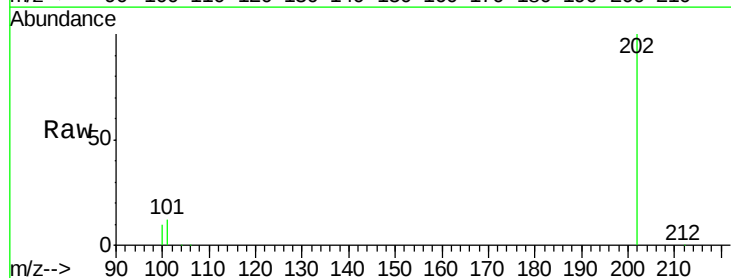
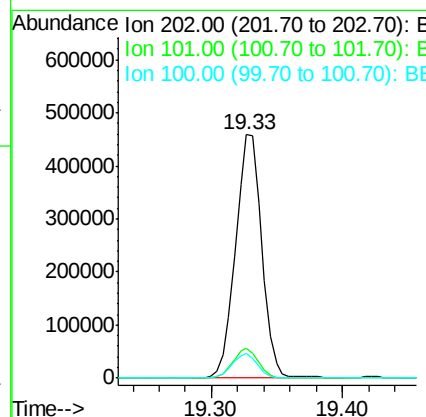
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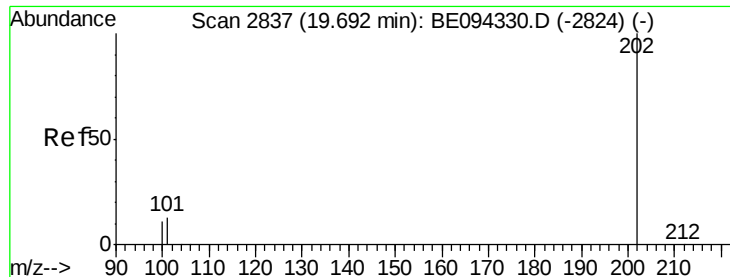
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#15
 Fluoranthene
 Concen: 17.72 ng/ul
 RT: 19.33 min Scan# 2757
 Delta R.T. -0.00 min
 Lab File: BE094336.D
 Acq: 13 Oct 2017 23:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.3
100	10.0	0.0	39.5





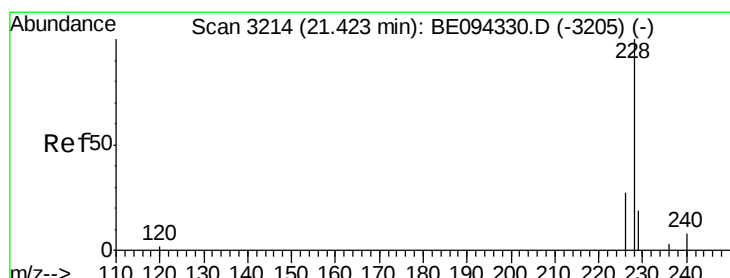
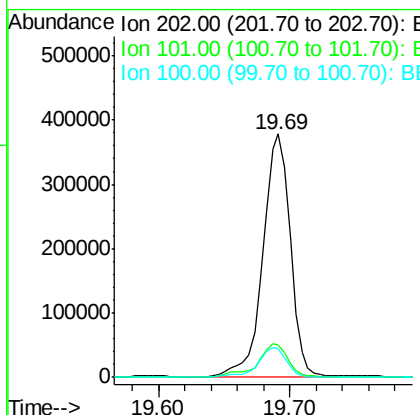
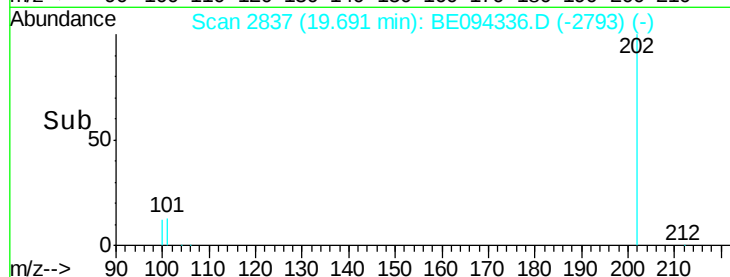
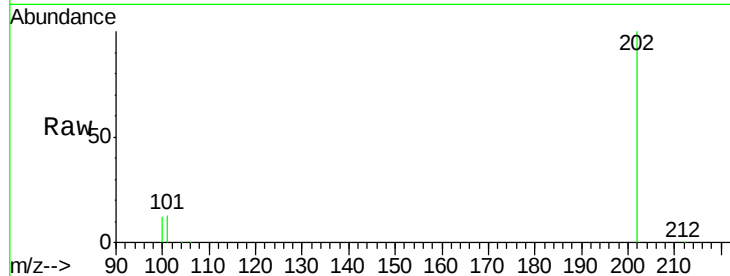
#17
Pyrene
 Concen: 19.90 ng/ul
 RT: 19.69 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BE094336.D
 Acq: 13 Oct 2017 23:05

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.3	18.2	27.4#
100	11.6	15.6	23.4#

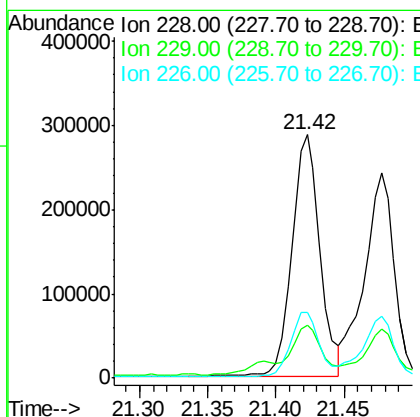
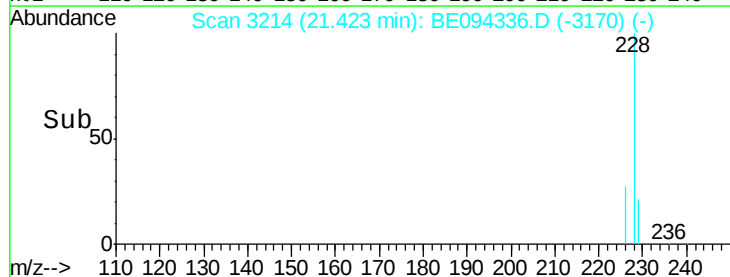
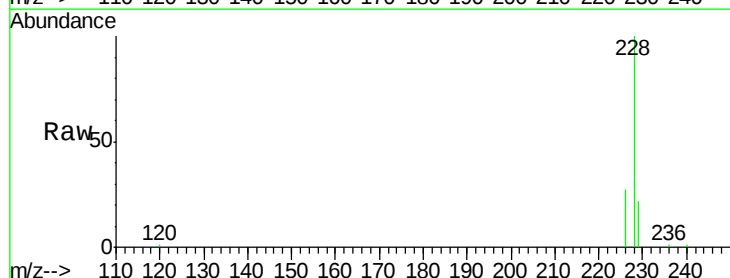
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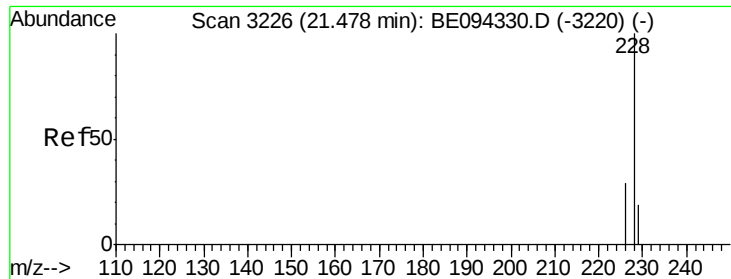
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#18
Benzo(a)anthracene
 Concen: 15.61 ng/ul
 RT: 21.42 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BE094336.D
 Acq: 13 Oct 2017 23:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.9	22.8	34.2#
226	27.2	17.0	25.6#





#19

Chrysene

Concen: 12.14 ng/ul

RT: 21.48 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BE094336.D

Acq: 13 Oct 2017 23:05

Instrument :

BNA_E

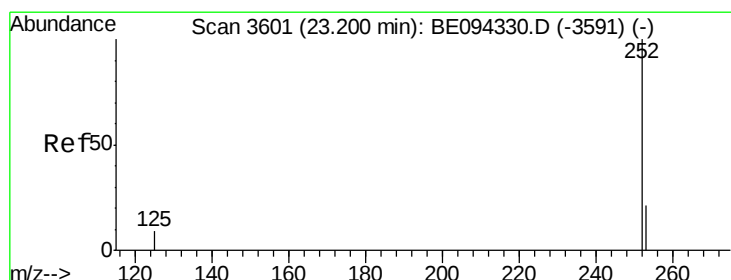
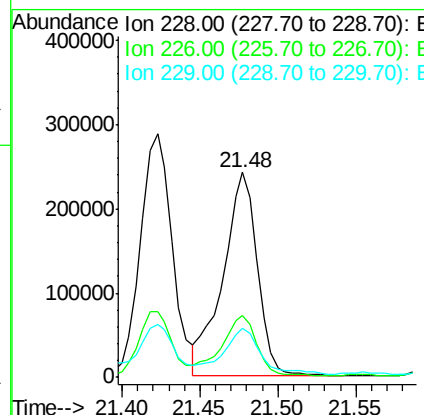
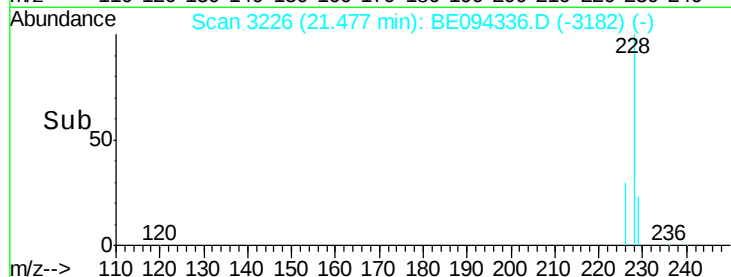
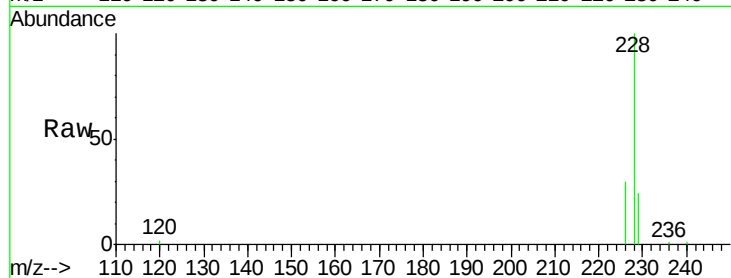
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Tgt Ion:	228	Resp:	367884
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.0
229	23.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 17.39 ng/ul m

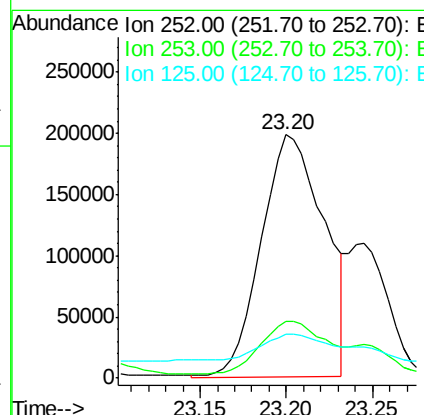
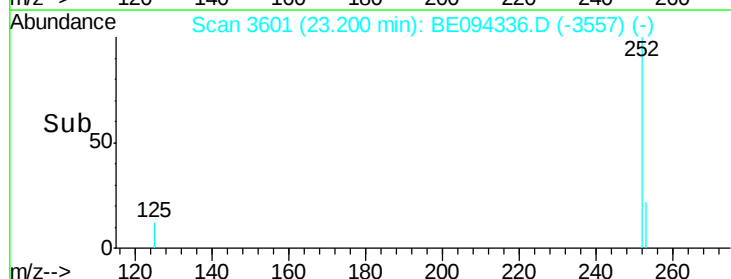
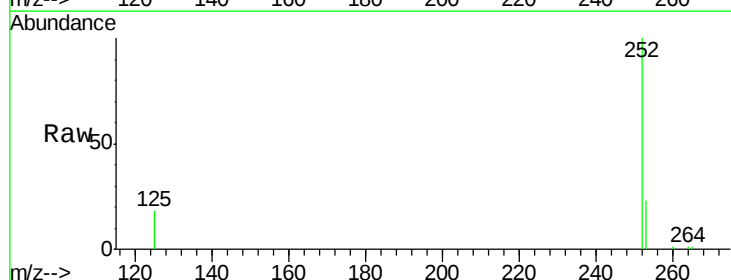
RT: 23.20 min Scan# 3601

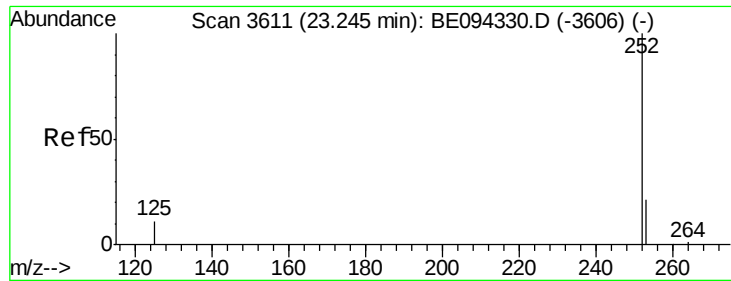
Delta R.T. -0.00 min

Lab File: BE094336.D

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Tgt Ion:	252	Resp:	501998
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	64.2
125	18.0	0.0	35.0





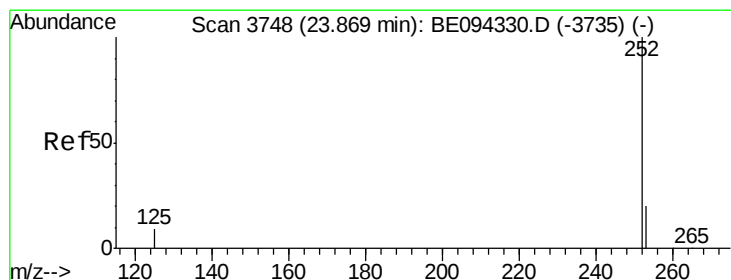
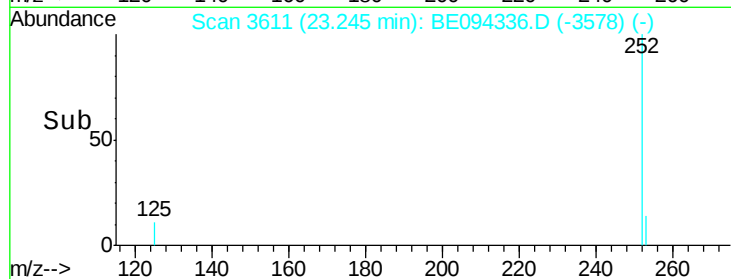
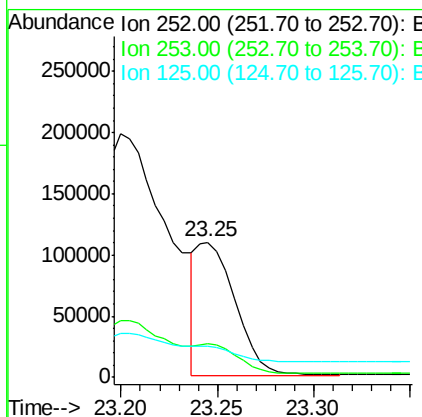
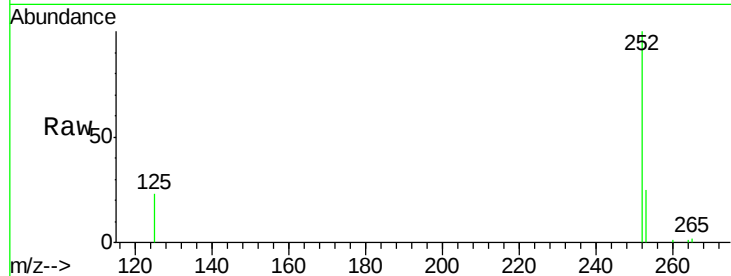
#22
Benzo(k)fluoranthene
Concen: 4.58 ng/ul m
RT: 23.25 min Scan# 3611
Delta R.T. -0.00 min
Lab File: BE094336.D
Acq: 13 Oct 2017 23:05

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	152996		
253	25.1	24.5	36.7	
125	23.0	13.7	20.5#	

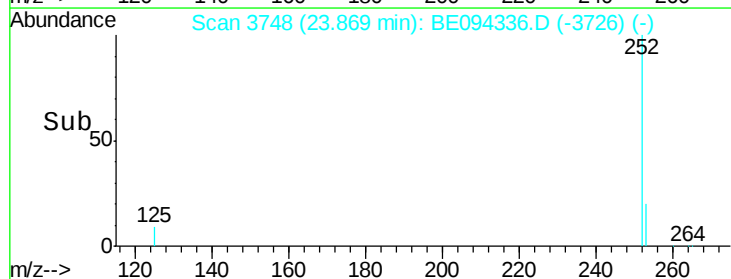
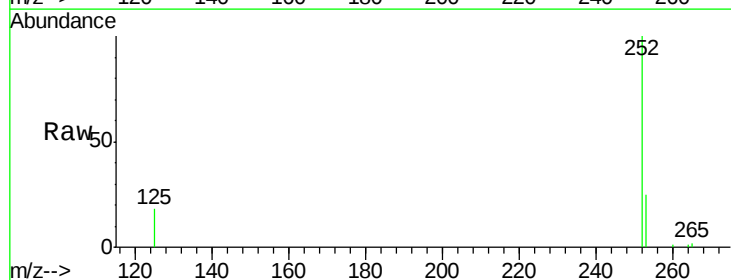
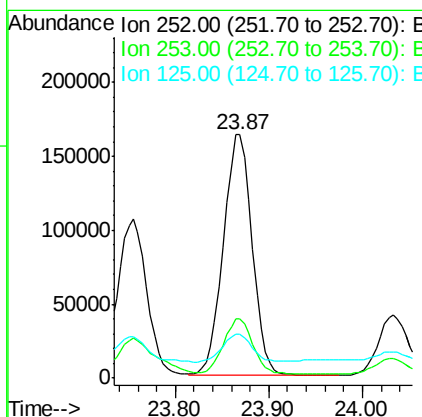
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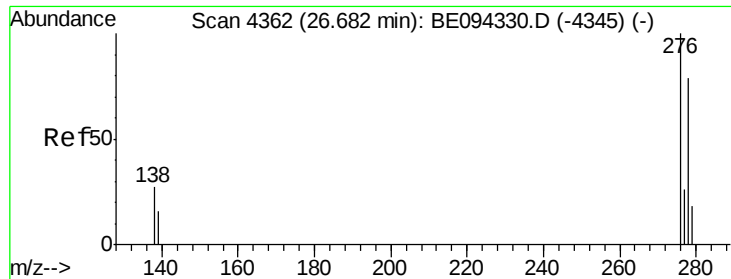
Sohil
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#23
Benzo(a)pyrene
Concen: 11.56 ng/ul
RT: 23.87 min Scan# 3748
Delta R.T. -0.00 min
Lab File: BE094336.D
Acq: 13 Oct 2017 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	346815		
253	24.6	28.5	42.7#	
125	18.1	18.1	27.1	





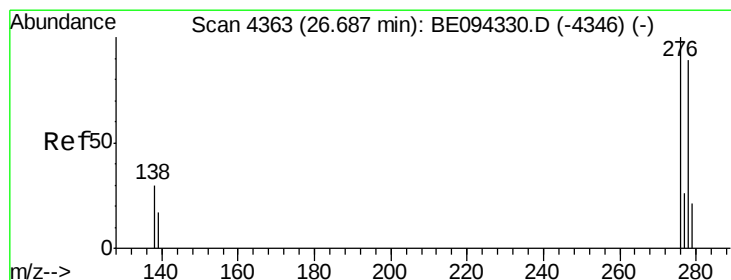
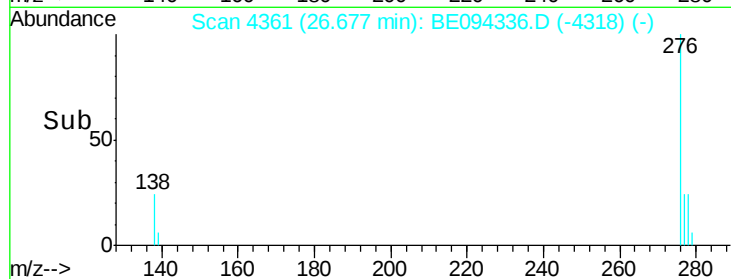
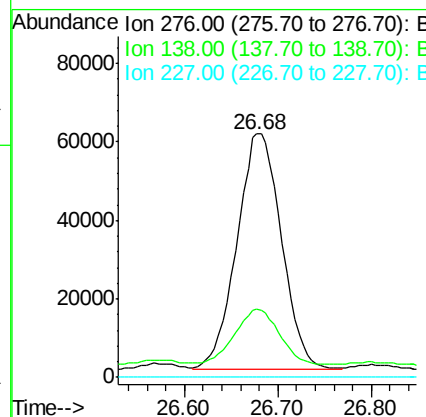
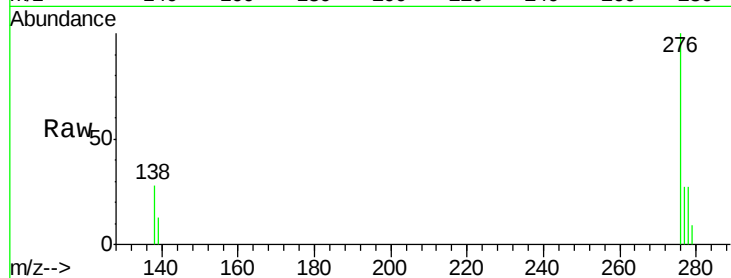
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.48 ng/ul
 RT: 26.68 min Scan# 4361
 Delta R.T. -0.00 min
 Lab File: BE094336.D
 Acq: 13 Oct 2017 23:05

Instrument :
 BNA_E
 ClientSampleId :
 B-29(1-3)-092917DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	23.6	28.0	42.0#
227	0.0	8.0	12.0#

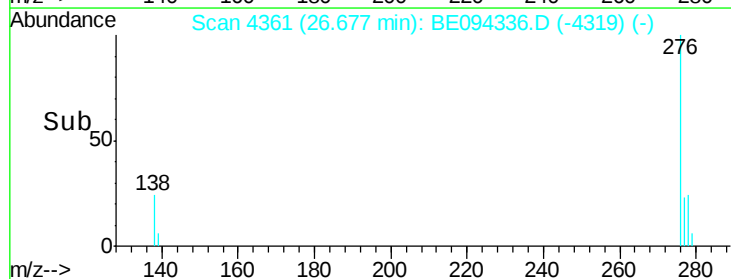
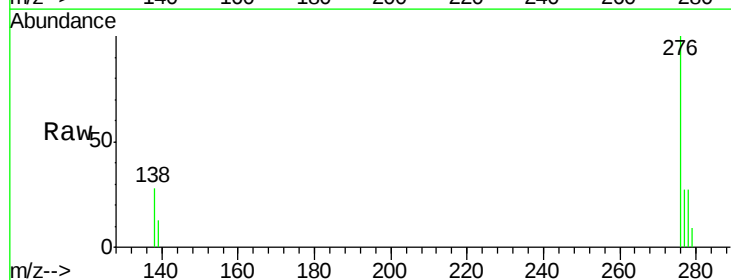
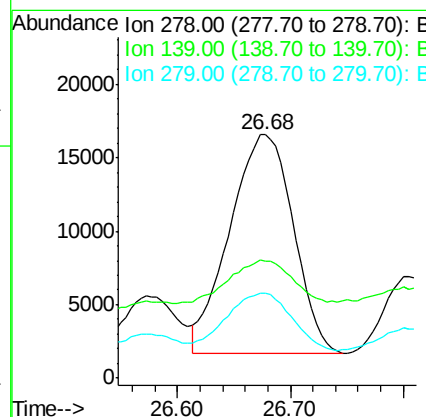
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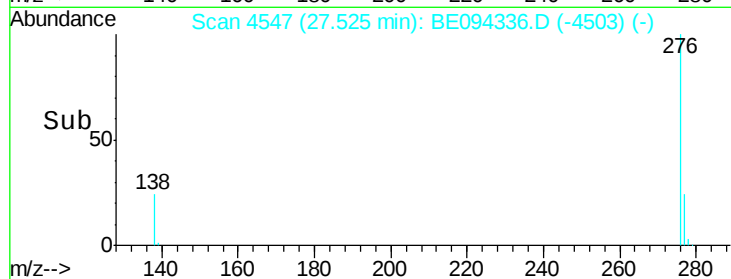
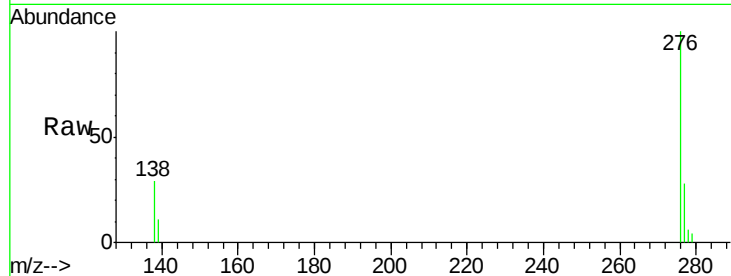
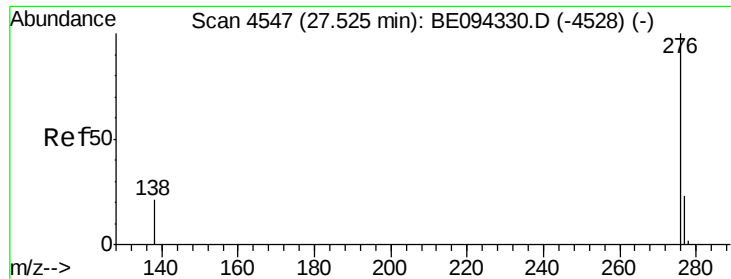
Sohil
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#25
 Dibenzo(a,h)anthracene
 Concen: 2.24 ng/ul
 RT: 26.68 min Scan# 4361
 Delta R.T. -0.01 min
 Lab File: BE094336.D
 Acq: 13 Oct 2017 23:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	48.1	17.4	26.0#
279	35.0	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 6.41 ng/ul

RT: 27.52 min Scan# 4547

Delta R.T. -0.00 min

Lab File: BE094336.D

Acq: 13 Oct 2017 23:05

Instrument :

BNA_E

ClientSampleId :

B-29(1-3)-092917DL

Tgt Ion:	276	Resp:	169691
Ion Ratio		Lower	Upper
276	100		
138	29.1	21.8	32.8
277	27.6	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:01 PM

