Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003130.D
Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:29:23 PM

Quant Time: Nov 16 03:40:21 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 02:34:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	104338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	454520	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	251902	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	540063	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	552153	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	573324	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	6351	2.87	ng/uL	0.00
5) Phenol-d5	6.90	99	121036	14.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	73005	15.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	108010	15.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	101975	15.33	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	48207	17.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	48635	17.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	95642	15.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	119461	14.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	315081	16.63	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	342453	14.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	34970	10.95	ng/ul	0.00
58) Fluorene-d10	15.39	176	242735	14.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	18815	7.52	ng/ul	0.00
71) Anthracene-d10	17.23	188	342975	14.33	ng/ul	0.00
79) Pyrene-d10	19.53	212	339786	12.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	331076	12.15	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.93	94	10328	1.22	ng/ul	94
28) Naphthalene	10.59	128	29712	1.30	ng/ul	99
45) Dimethylphthalate	13.85	163	175583	9.09	ng/ul	99
48) Acenaphthylene	14.11	152	47528	1.85	ng/ul	98
50) Acenaphthene	14.46	153	21096	1.22	ng/ul	97
59) Fluorene	15.44	166	33002	1.76	ng/ul#	97
70) Phenanthrene	17.18	178	466977	15.27	ng/ul	99
72) Anthracene	17.27	178	324263	10.86	ng/ul	99
77) Fluoranthene	19.20	202	1587607	51.34	ng/ul	96
80) Pyrene	19.56	202	1275812	35.32	ng/ul#	93
83) Benzo(a)anthracene	21.32	228	871007m	28.72	ng/ul	
85) Chrysene	21.37	228	714211	23.81	ng/ul	98
88) Benzo(b)fluoranthene	22.92	252	827591	25.06	ng/ul	97
89) Benzo(k)fluoranthene	22.95	252	337863m	10.96	ng/ul	
91) Benzo(a)pyrene	23.49	252	686763m	21.96	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.87	276	380064	11.05	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.88	278	105386	3.89	ng/ul	98
94) Benzo(g,h,i)perylene	26.57	276	272646	8.81	ng/ul	94

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

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Instrument :
BNA_M
ClientSampleId :
BC790

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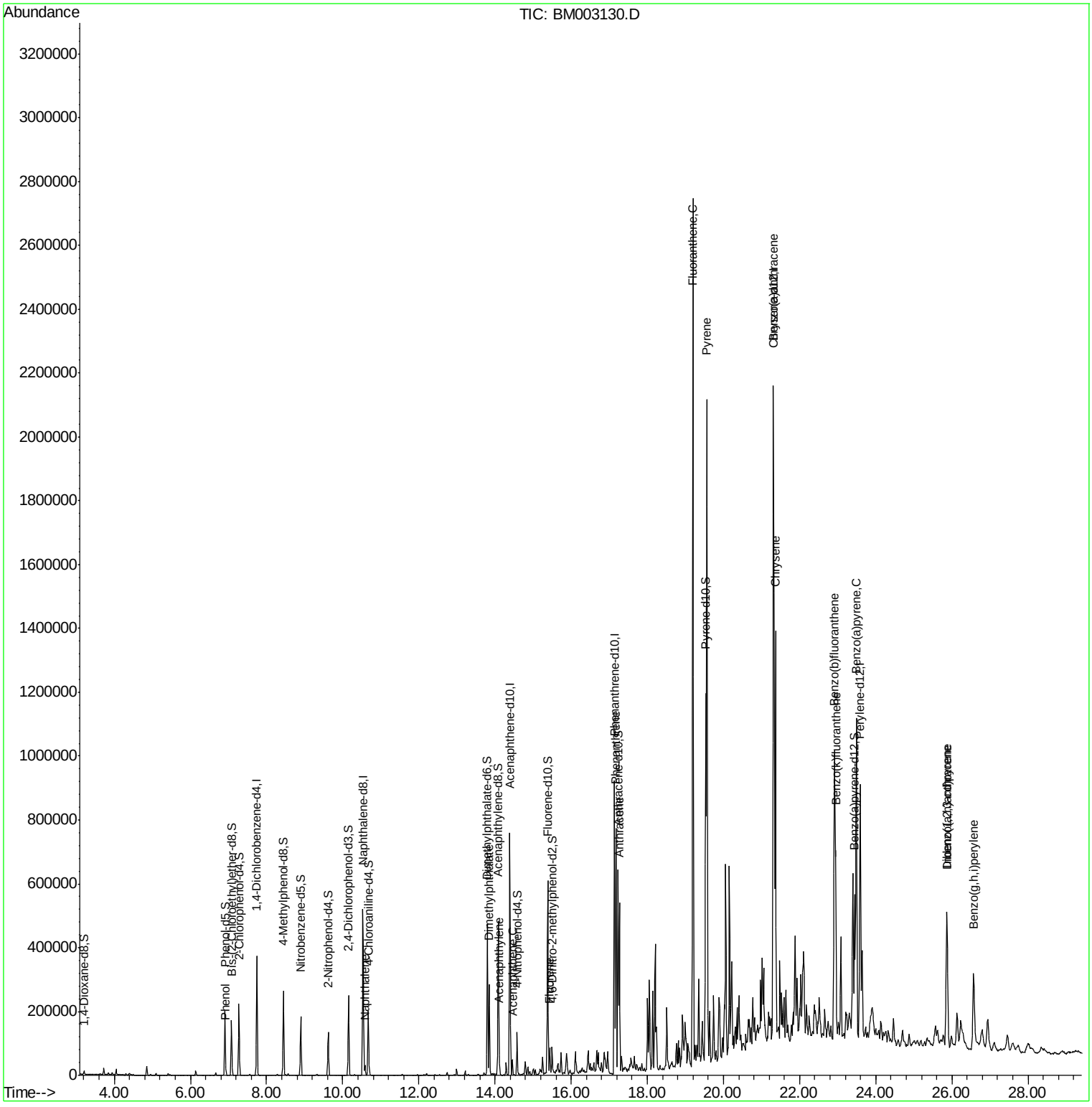
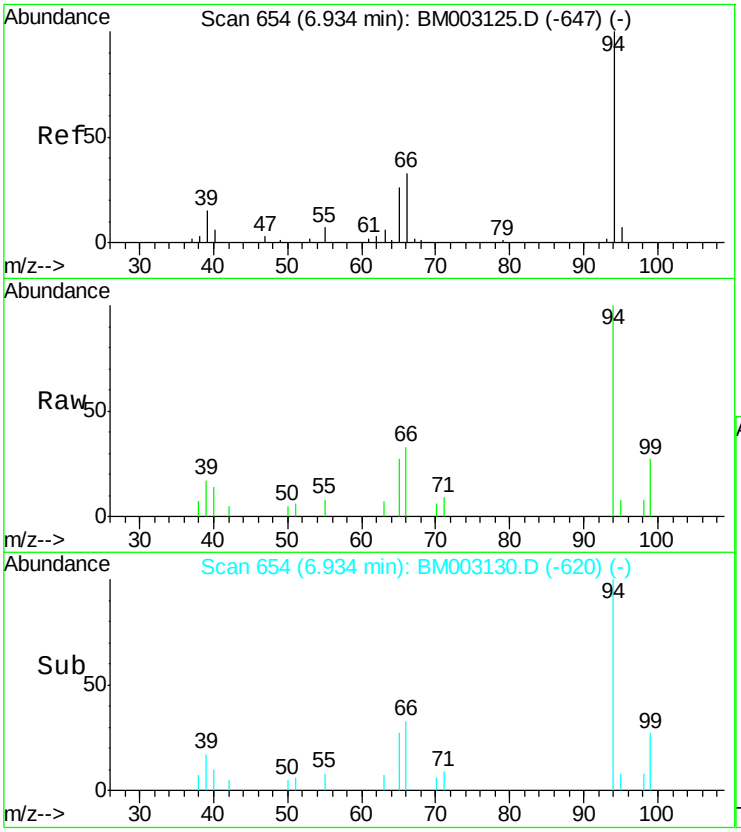
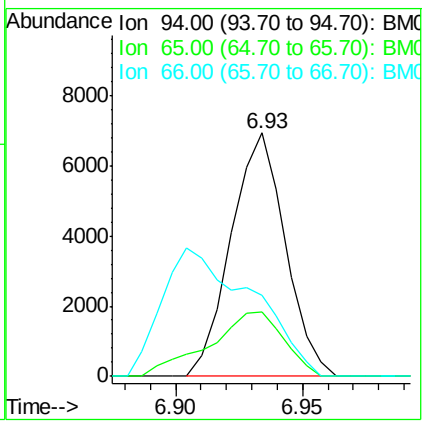




#6
Phenol
Concen: 1.22 ng/ul
RT: 6.93 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion: 94 Resp: 10328

Ion	Ratio	Lower	Upper
94	100		
65	26.6	18.7	28.1
66	33.1	24.2	36.2



Instrument :
BNA_M
ClientSampleId :
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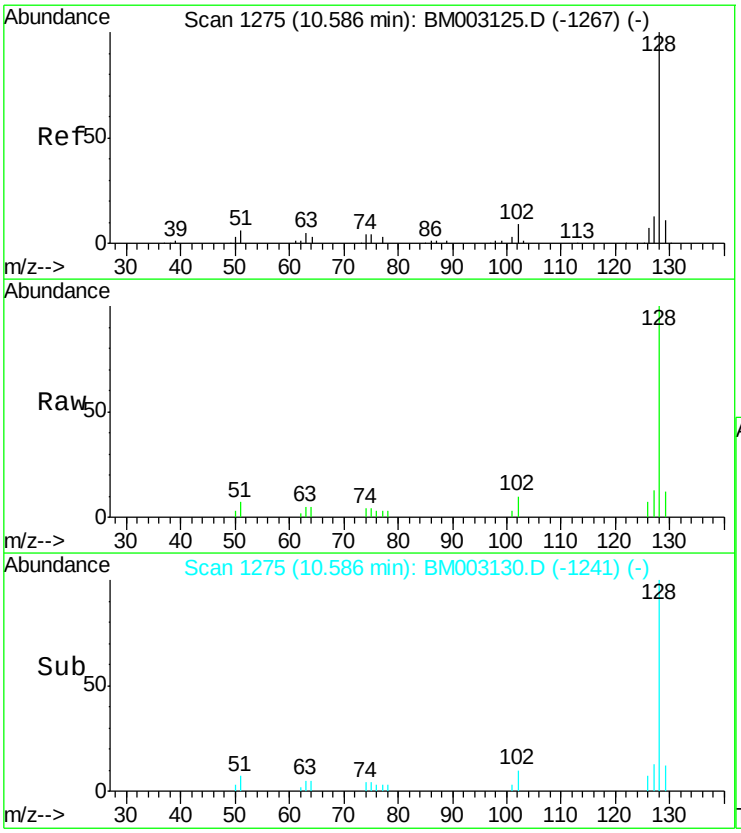
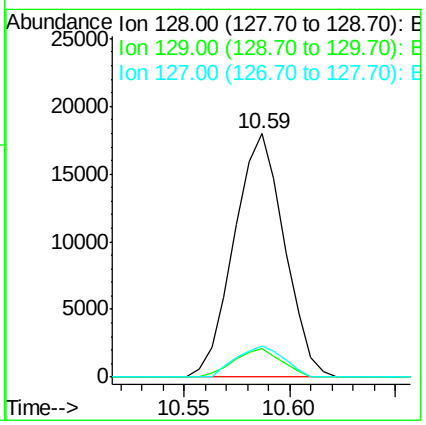
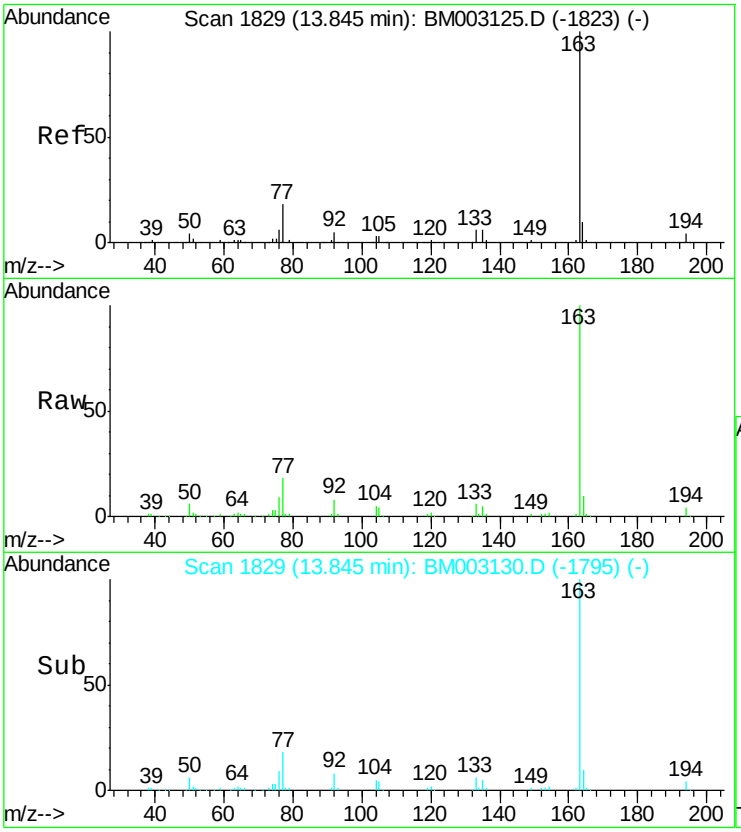


#28
Naphthalene
Concen: 1.30 ng/ul
RT: 10.59 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:128 Resp: 29712

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.0	10.5	15.7

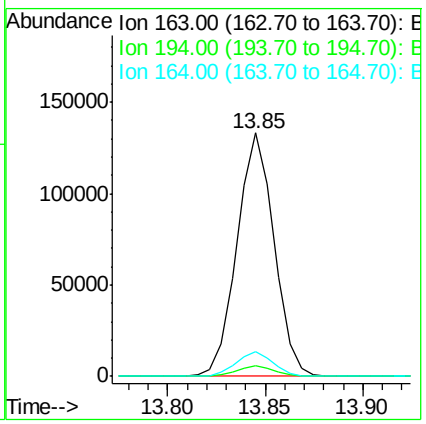




#45
Dimethylphthalate
Concen: 9.09 ng/ul
RT: 13.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:163 Resp: 175583

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.3	7.8	11.8



Instrument :
BNA_M
ClientSampleId :
BC790

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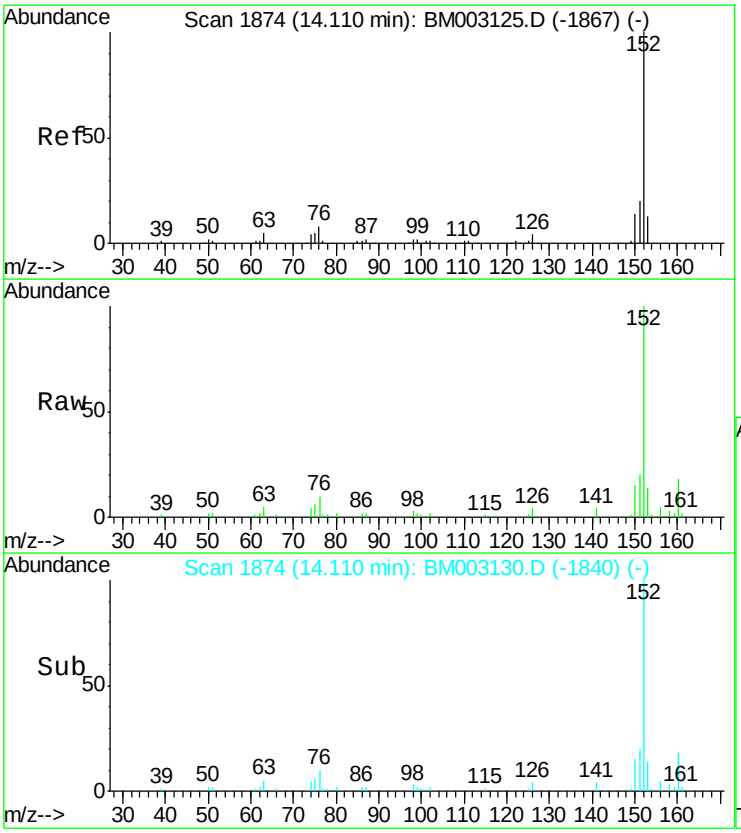
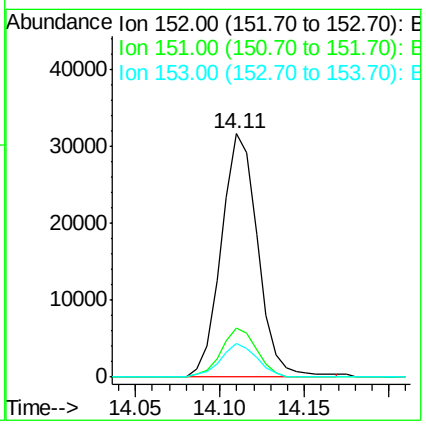
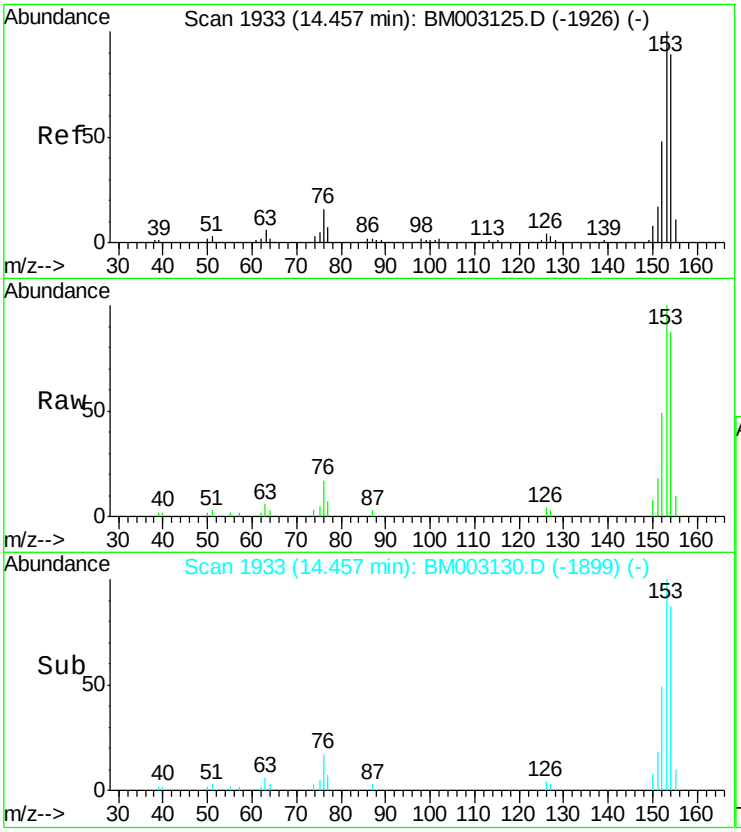


#48
Acenaphthylene
Concen: 1.85 ng/ul
RT: 14.11 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:152 Resp: 47528

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.9	10.3	15.5

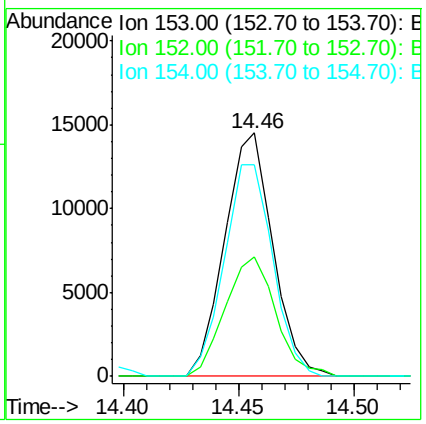




#50
Acenaphthene
Concen: 1.22 ng/ul
RT: 14.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:153 Resp: 21096

Ion	Ratio	Lower	Upper
153	100		
152	49.2	37.0	55.6
154	87.1	71.0	106.4



Instrument :
BNA_M
ClientSampleId :
BC790

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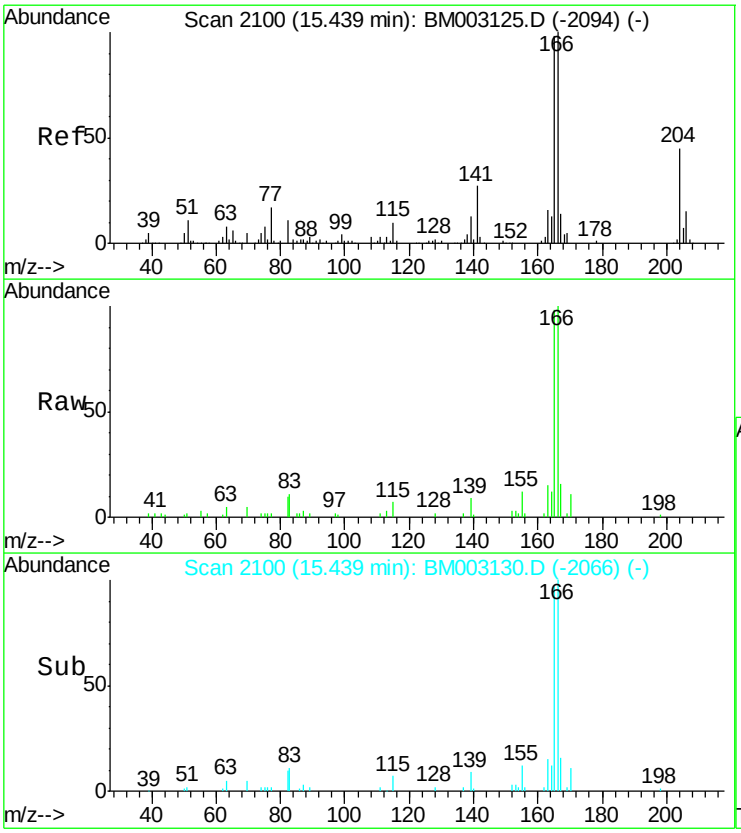
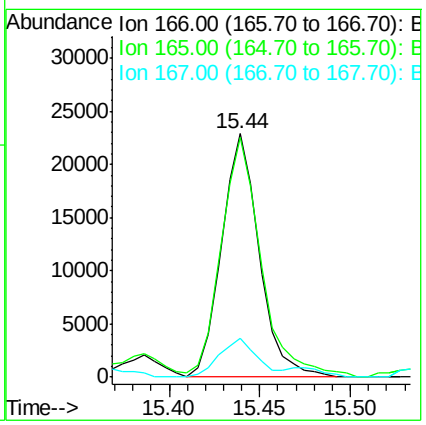
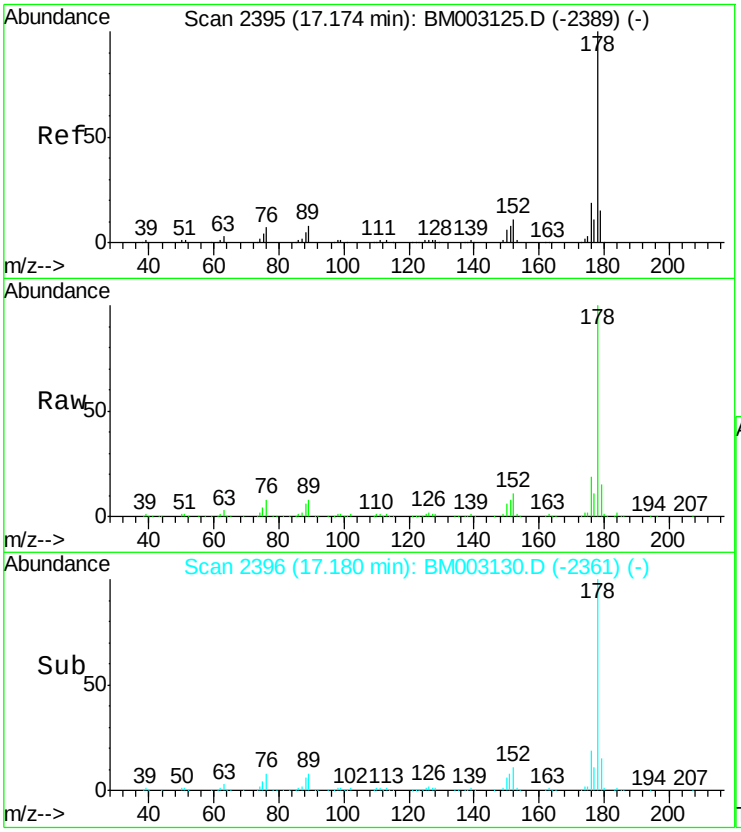


#59
Fluorene
Concen: 1.76 ng/ul
RT: 15.44 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:166 Resp: 33002

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.2	115.8
167	16.1	10.2	15.4#

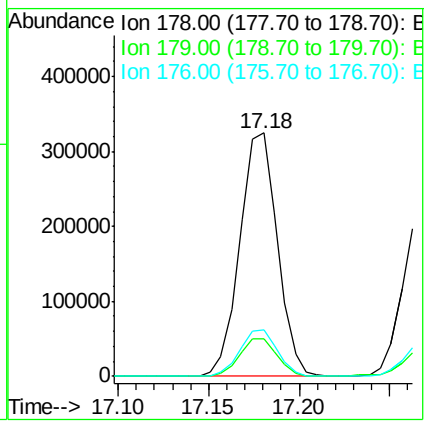




#70
Phenanthrene
Concen: 15.27 ng/ul
RT: 17.18 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:178 Resp: 466977

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.1	14.7	22.1



Instrument :
BNA_M
ClientSampleId :
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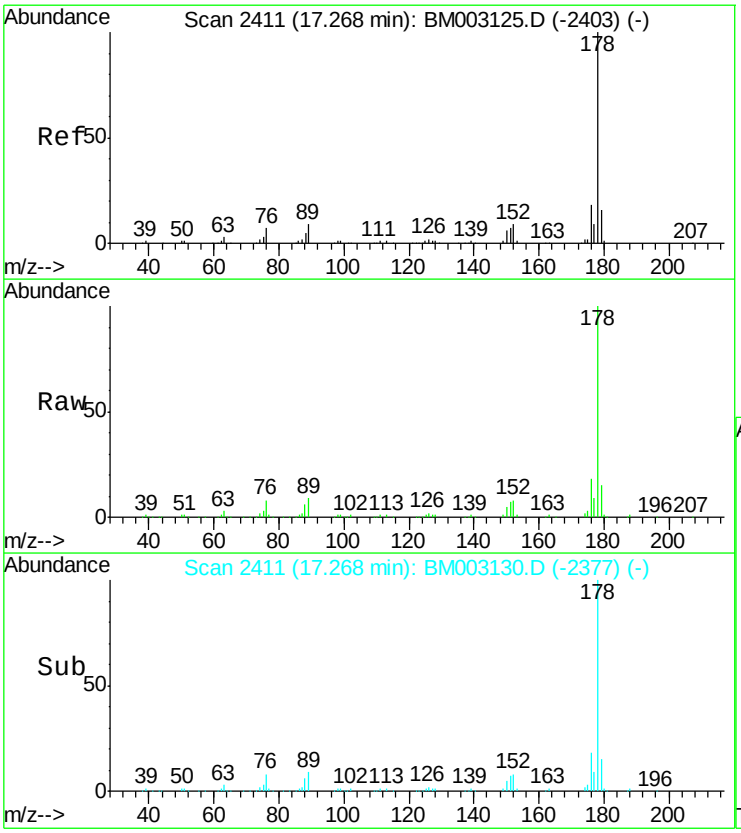
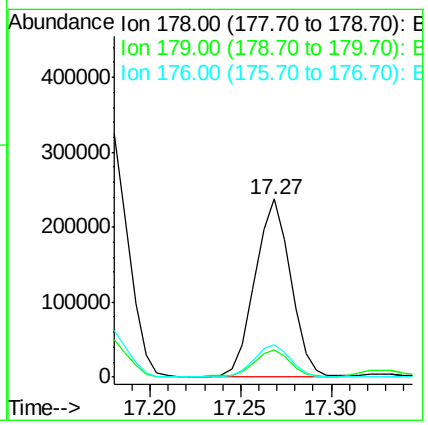
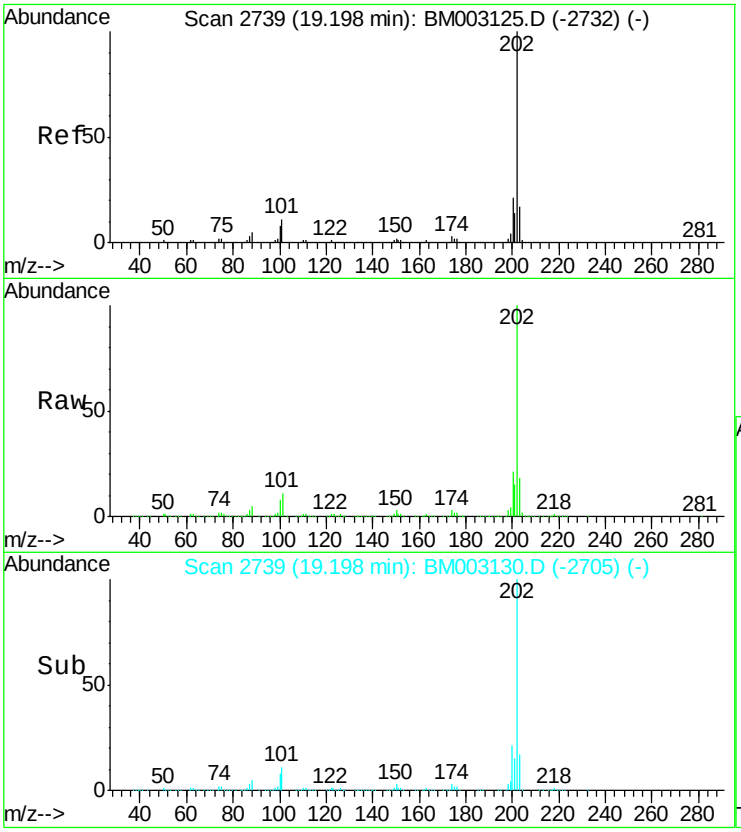


#72
Anthracene
Concen: 10.86 ng/ul
RT: 17.27 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:178 Resp: 324263

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.2	14.4	21.6

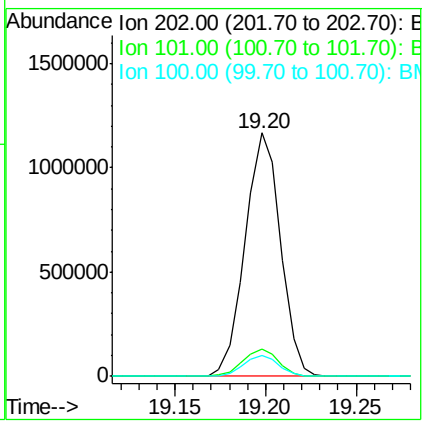




#77
Fluoranthene
Concen: 51.34 ng/ul
RT: 19.20 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:202 Resp: 1587607

Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.4	15.6
100	8.5	7.8	11.6



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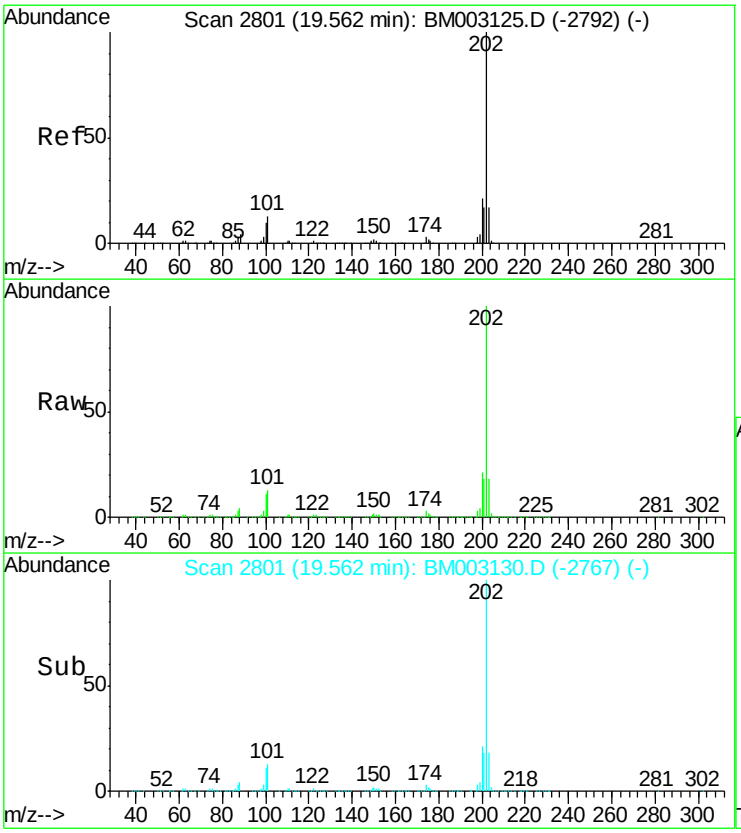
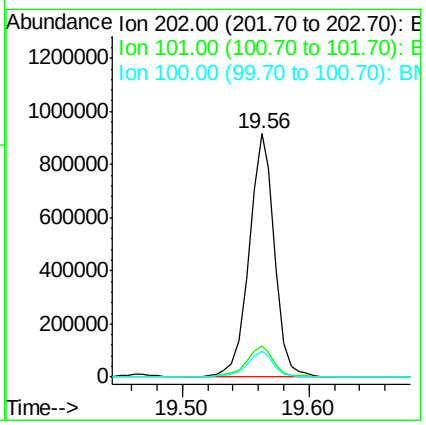
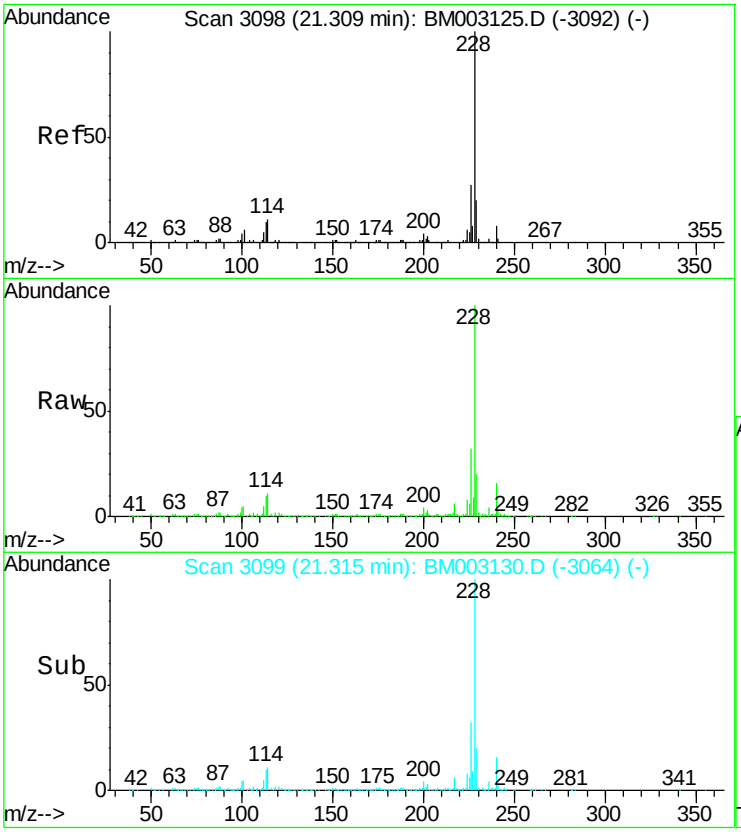


#80
Pyrene
Concen: 35.32 ng/ul
RT: 19.56 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:202 Resp: 1275812

Ion	Ratio	Lower	Upper
202	100		
101	13.0	12.6	18.8
100	10.5	10.6	15.8#

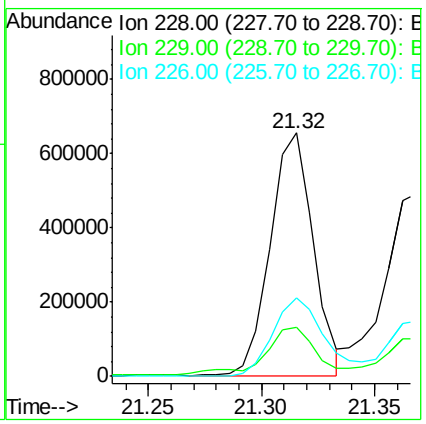




#83
Benzo(a)anthracene
Concen: 28.72 ng/ul m
RT: 21.32 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:228 Resp: 871007

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	32.0	21.0	31.6#



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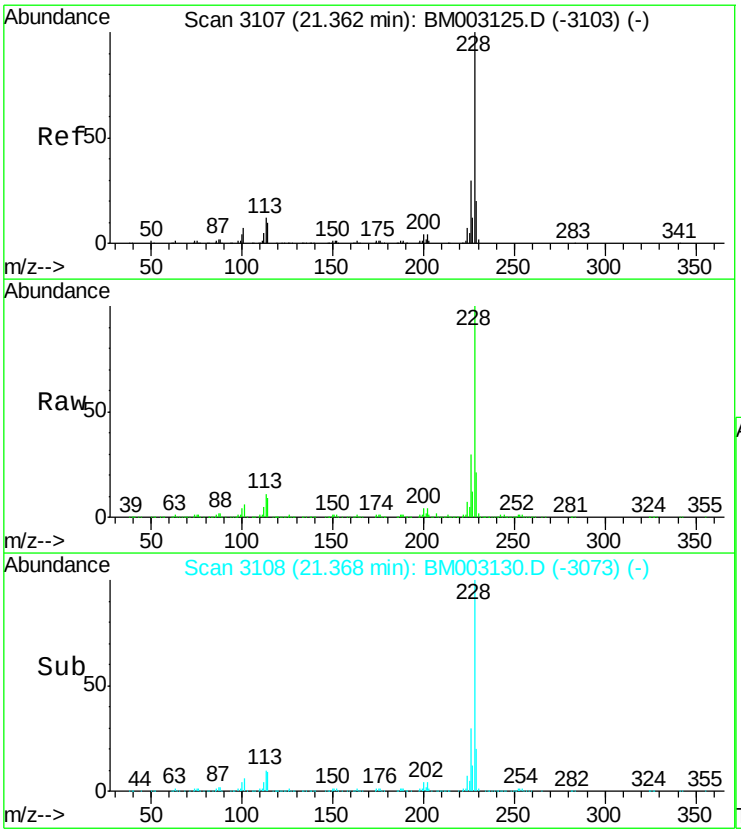
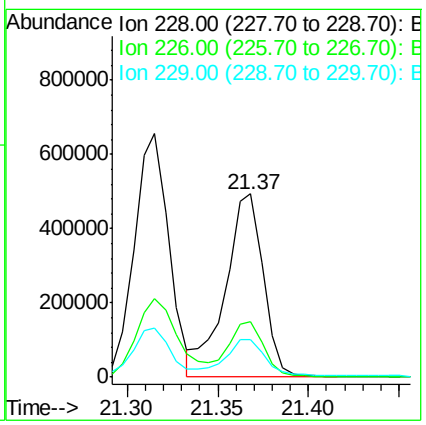
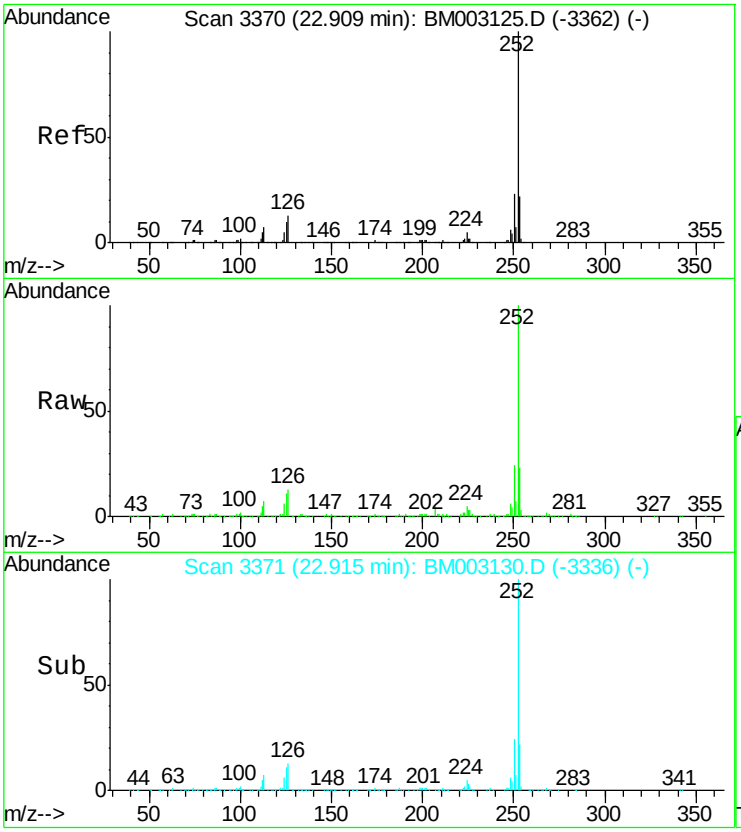


#85
Chrysene
Concen: 23.81 ng/ul
RT: 21.37 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:228 Resp: 714211

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	20.7	15.8	23.6

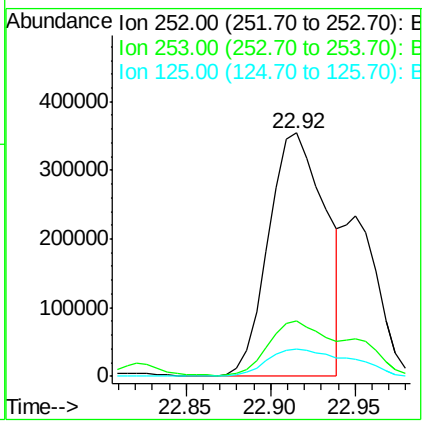




#88
Benzo(b)fluoranthene
Concen: 25.06 ng/ul
RT: 22.92 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:252 Resp: 827591

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	11.3	10.7	16.1



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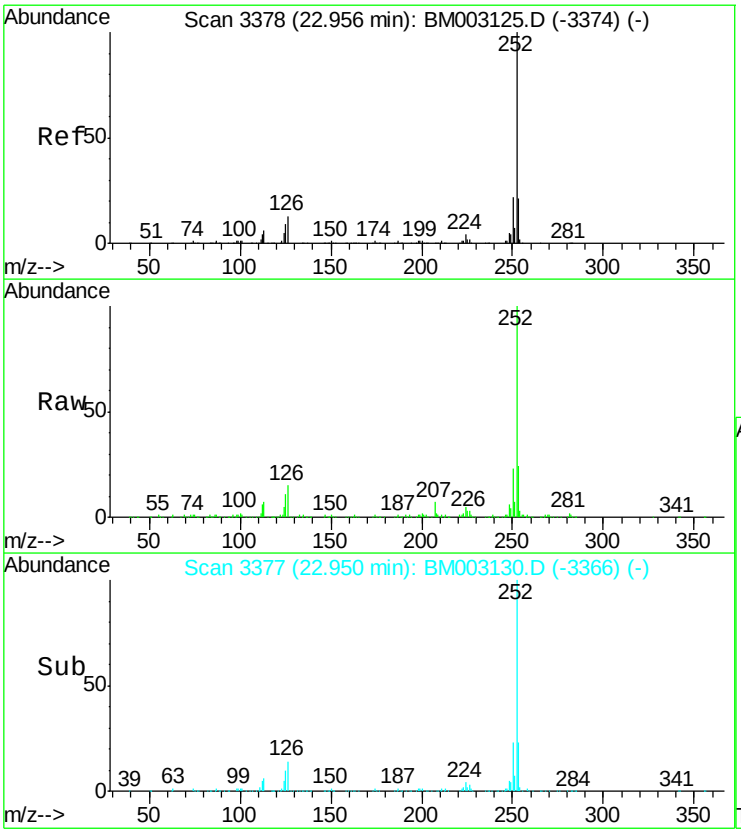
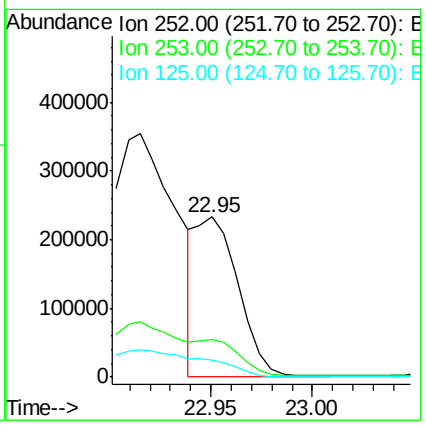
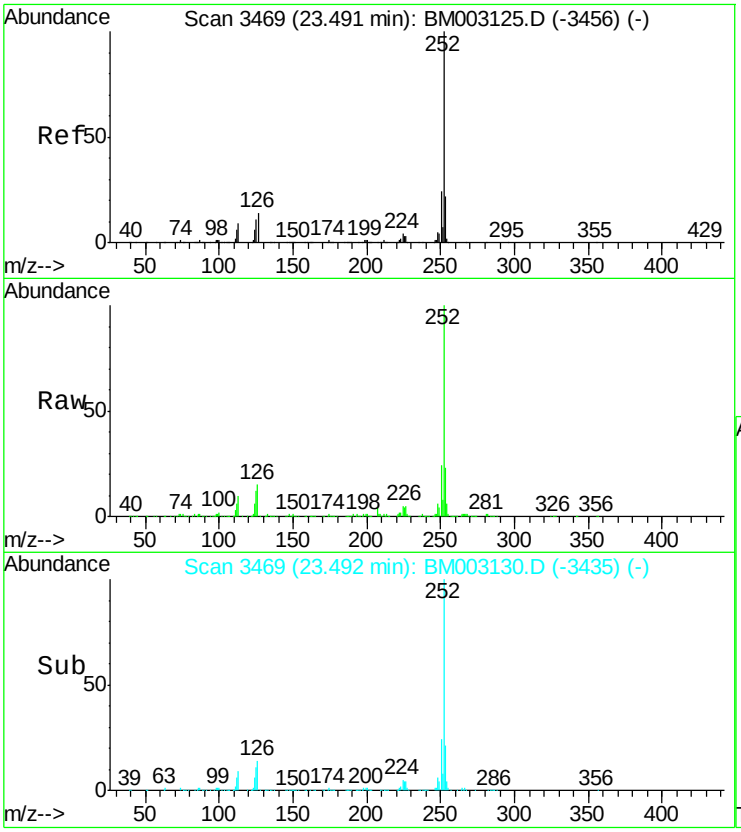


#89
Benzo(k)fluoranthene
Concen: 10.96 ng/ul m
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:252 Resp: 337863

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	11.0	11.1	16.7#





#91
Benzo(a)pyrene
Concen: 21.96 ng/ul m
RT: 23.49 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:252 Resp: 686763

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	11.6	11.9	17.9#

Instrument :
BNA_M
ClientSampleId :
BC790

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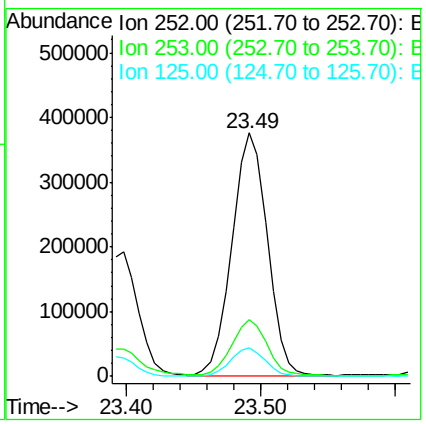
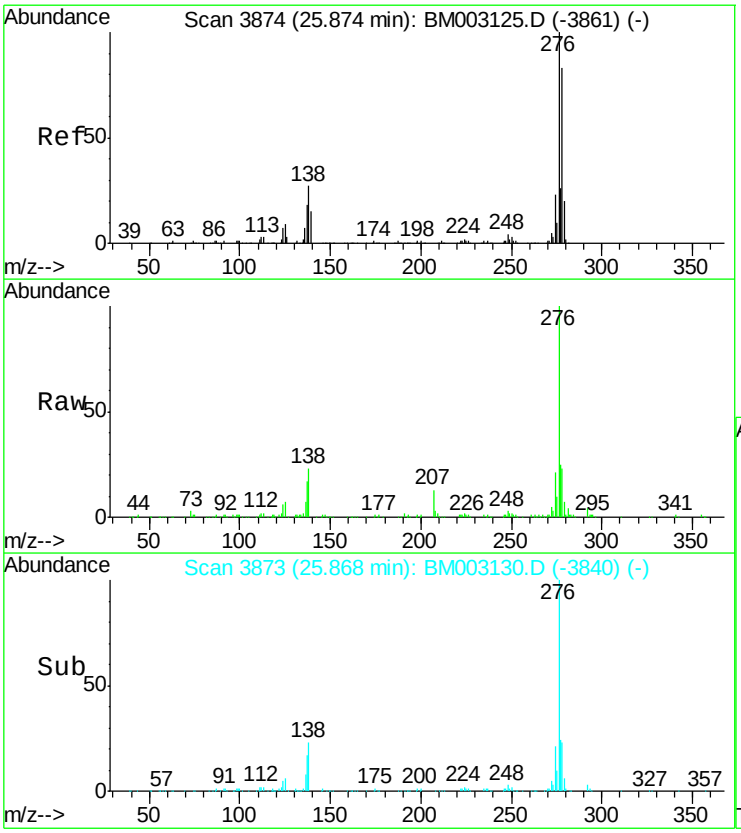
11/16/2015 3:29:23 PM

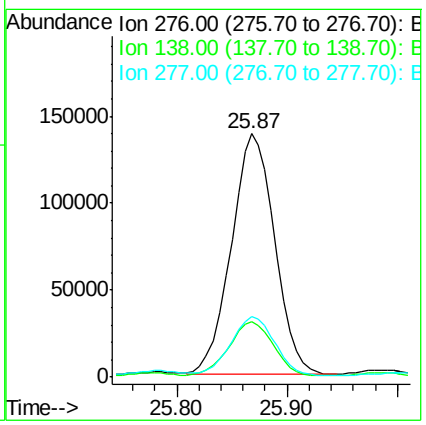


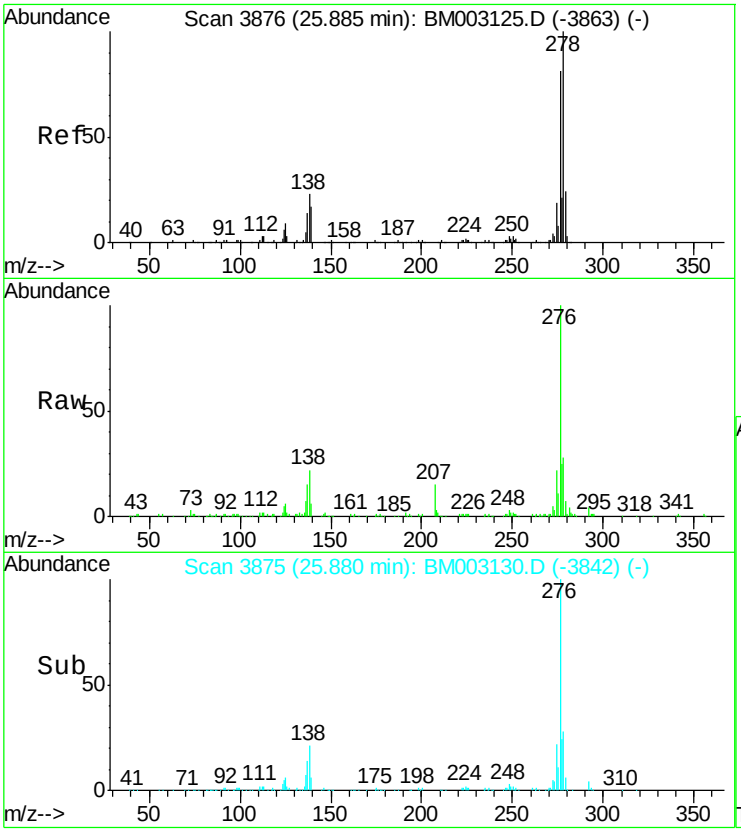


#92
Indeno(1,2,3-cd)pyrene
Concen: 11.05 ng/ul
RT: 25.87 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:276 Resp: 380064

Ion	Ratio	Lower	Upper
276	100		
138	22.8	26.6	40.0#
277	25.0	20.2	30.4

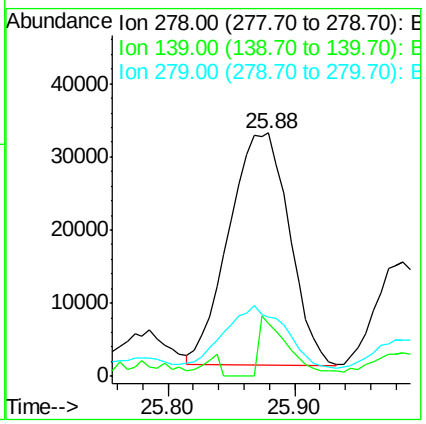




#93
Dibenzo(a,h)anthracene
Concen: 3.89 ng/ul
RT: 25.88 min Scan# 3875
Delta R.T. -0.01 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

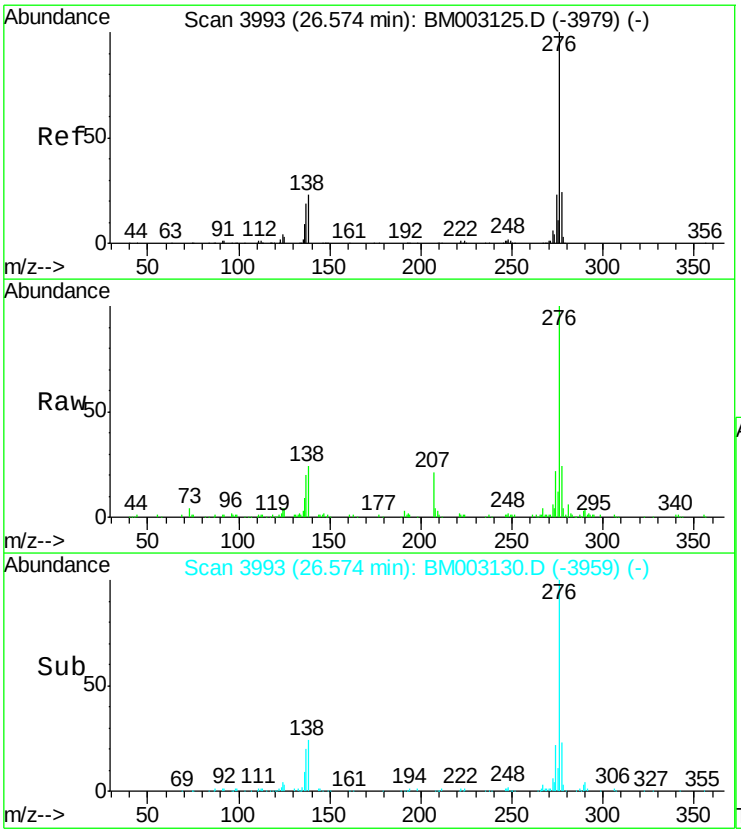
Tgt Ion:278 Resp: 105386

Ion	Ratio	Lower	Upper
278	100		
139	21.9	18.8	28.2
279	24.5	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
BC790

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:29:23 PM



#94
Benzo(g,h,i)perylene
Concen: 8.81 ng/ul
RT: 26.57 min Scan# 3993
Delta R.T. 0.00 min
Lab File: BM003130.D
Acq: 15 Nov 2015 13:47

Tgt Ion:276 Resp: 272646

Ion	Ratio	Lower	Upper
276	100		
138	23.8	23.8	35.6
277	24.0	19.4	29.2