Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005029.D
Acq On : 21 Apr 2016 18:02
Operator : UM/SJ
Sample : H2567-05DL 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Apr 21 18:52:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 22:59:24 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BC7M3DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	47803	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	204273	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	114015	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	236044	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	252621	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	251573	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.97	99	3092	0.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	6994	3.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	7932	2.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	5630	2.00	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	4691	3.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	3998	2.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	8727	3.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	2747	0.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	30681	3.96	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	36672	3.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	359	0.27	ng/ul	0.02
57) Fluorene-d10	15.44	176	28718	4.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	1145	1.12	ng/ul	0.00
70) Anthracene-d10	17.29	188	41219	4.39	ng/ul	0.00
76) Pyrene-d10	19.59	212	43828	4.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	41473	4.28	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.67	128	4846772	532.54	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	897547	135.33	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	199041	24.34	ng/ul	99
47) Acenaphthylene	14.16	152	23049	2.28	ng/ul#	90
49) Acenaphthene	14.51	153	478851	72.83	ng/ul	99
53) Dibenzofuran	14.84	168	530849	55.79	ng/ul	98
58) Fluorene	15.50	166	394681	53.93	ng/ul	99
69) Phenanthrene	17.24	178	1349804	122.54	ng/ul	98
71) Anthracene	17.32	178	170419	15.30	ng/ul	99
72) Carbazole	17.59	167	210115	22.40	ng/ul	99
74) Fluoranthene	19.25	202	885701	78.05	ng/ul	98
77) Pyrene	19.62	202	651276	48.77	ng/ul	97
80) Benzo(a)anthracene	21.36	228	212455	17.07	ng/ul	98
82) Chrysene	21.41	228	142757	12.11	ng/ul	98
85) Benzo(b)fluoranthene	22.98	252	124839	10.00	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	50693m	4.21	ng/ul	
88) Benzo(a)pyrene	23.56	252	80135	6.71	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	27995	2.11	ng/ul#	90
91) Benzo(g,h,i)perylene	26.69	276	22304	1.99	ng/ul	93

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005029.D
Acq On : 21 Apr 2016 18:02
Operator : UM/SJ
Sample : H2567-05DL 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Apr 21 18:52:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 22:59:24 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BC7M3DL

Manual Integrations APPROVED
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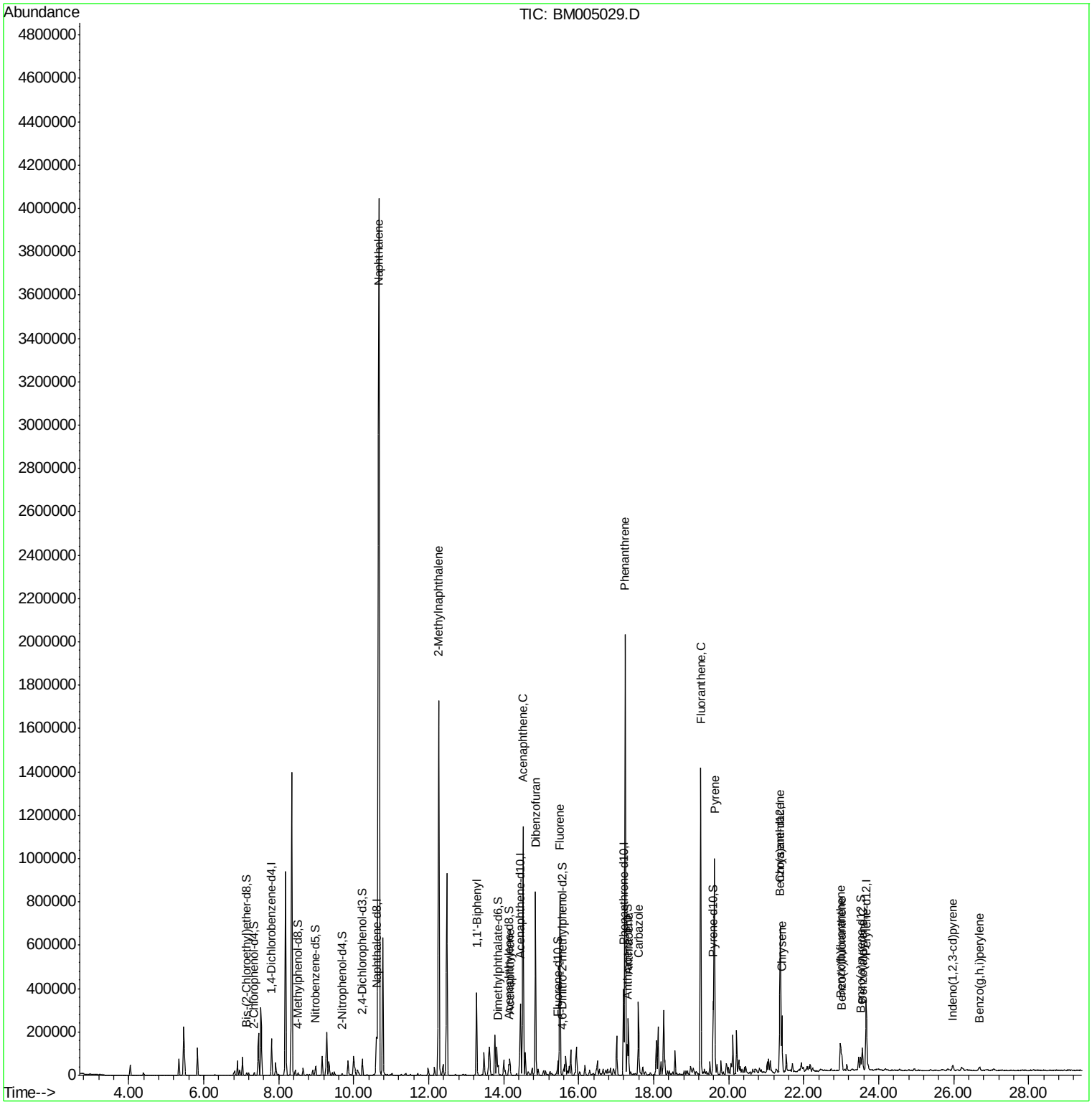
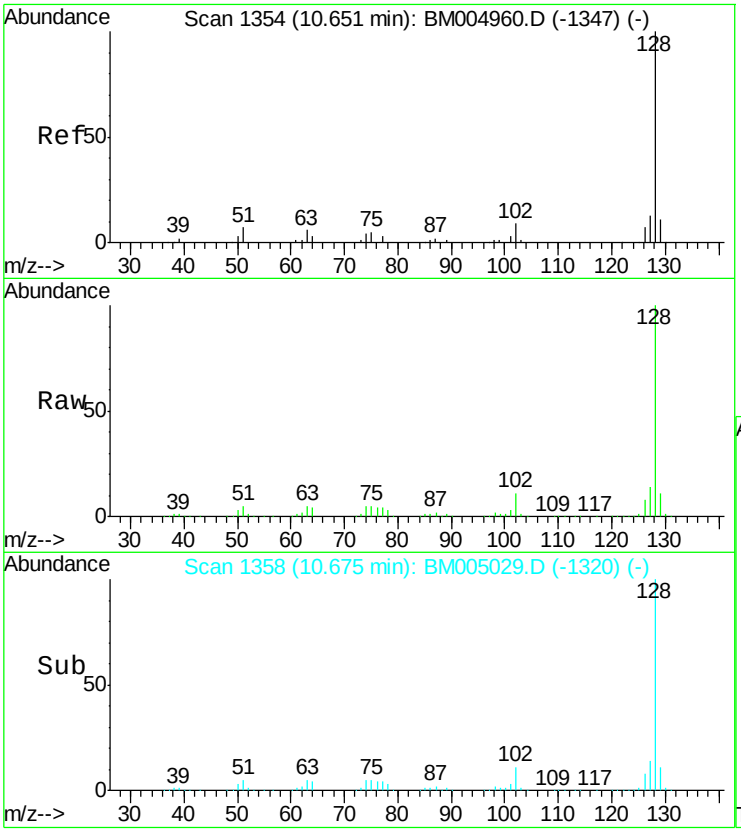
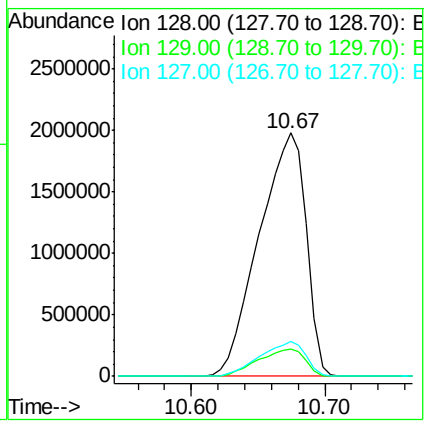




#28
Naphthalene
Concen: 532.54 ng/ul
RT: 10.67 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:128 Resp: 4846772

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	14.1	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
BC7M3DL

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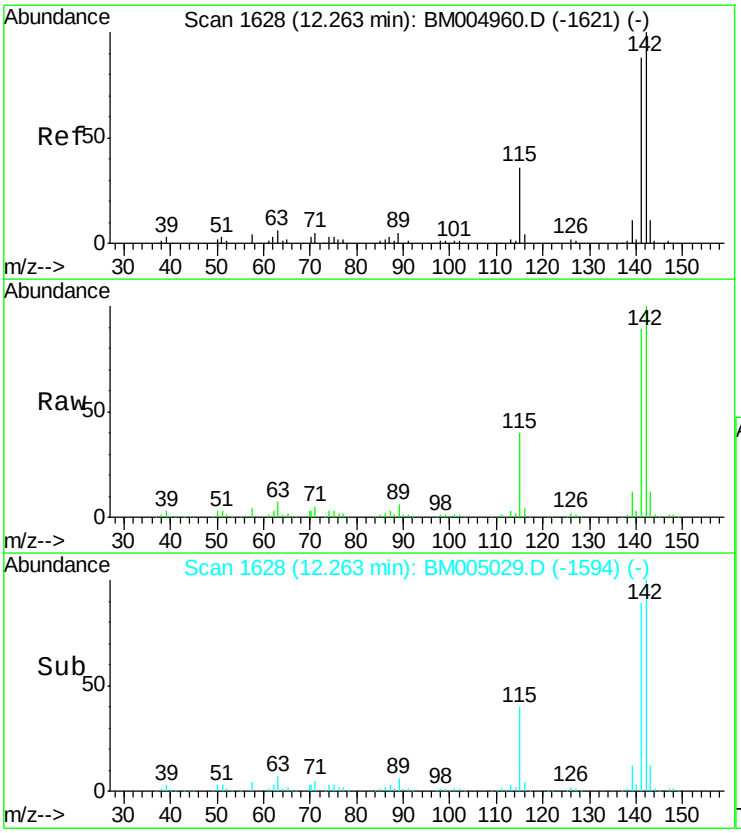
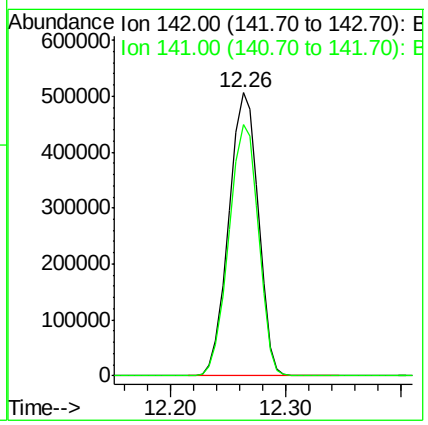
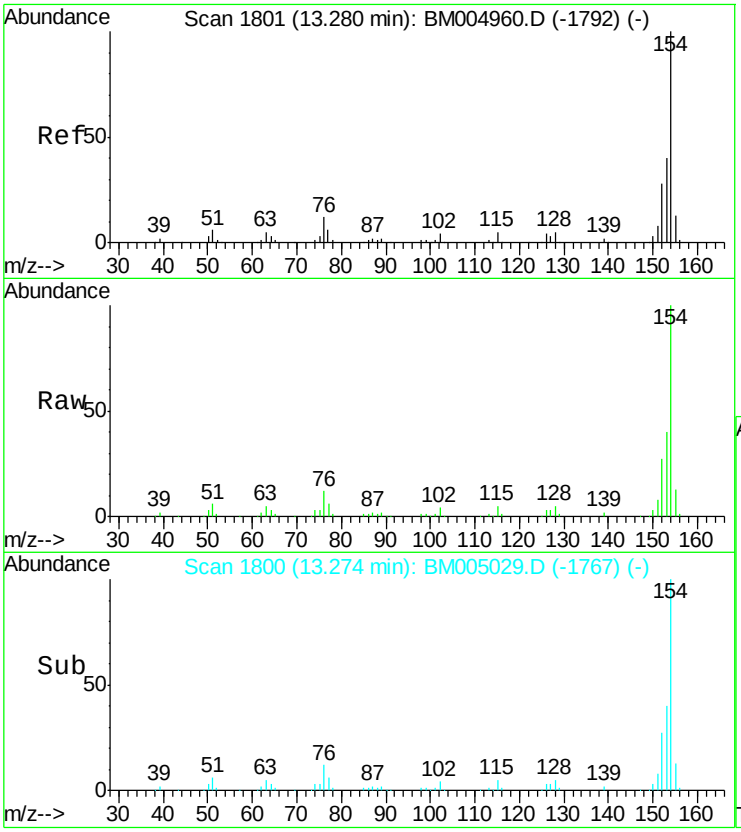


#34
2-Methylnaphthalene
Concen: 135.33 ng/ul
RT: 12.26 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:142 Resp: 897547

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5

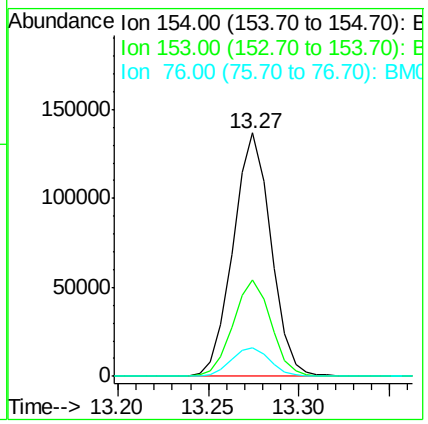




#40
1,1'-Biphenyl
Concen: 24.34 ng/ul
RT: 13.27 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:154 Resp: 199041

Ion	Ratio	Lower	Upper
154	100		
153	39.7	31.5	47.3
76	12.0	10.1	15.1



Instrument :
BNA_M
ClientSampleId :
BC7M3DL

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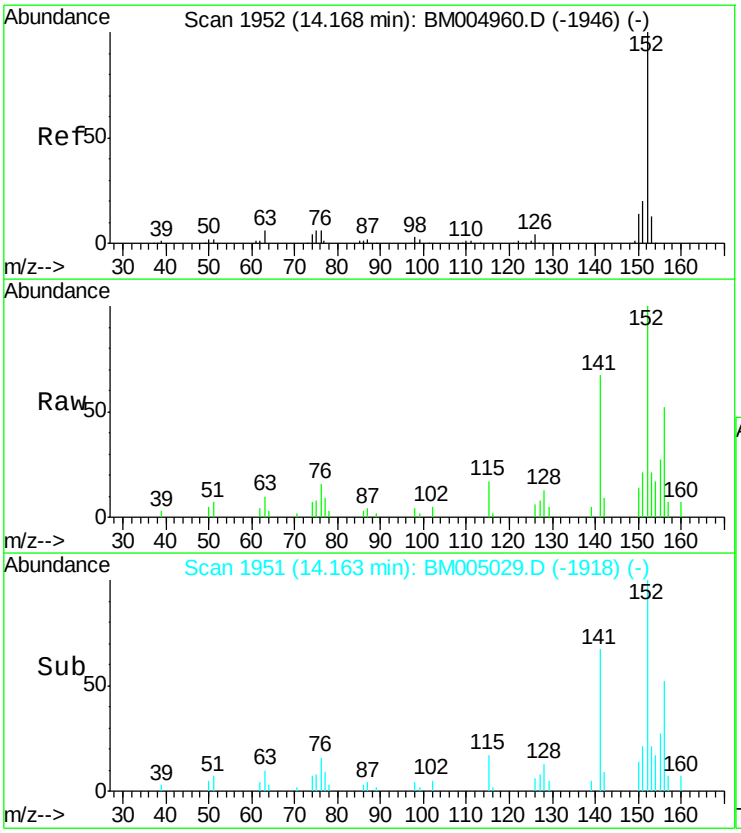
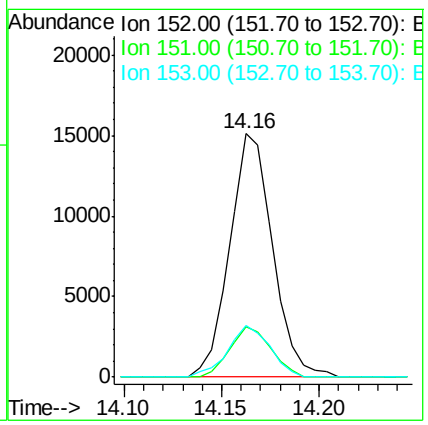
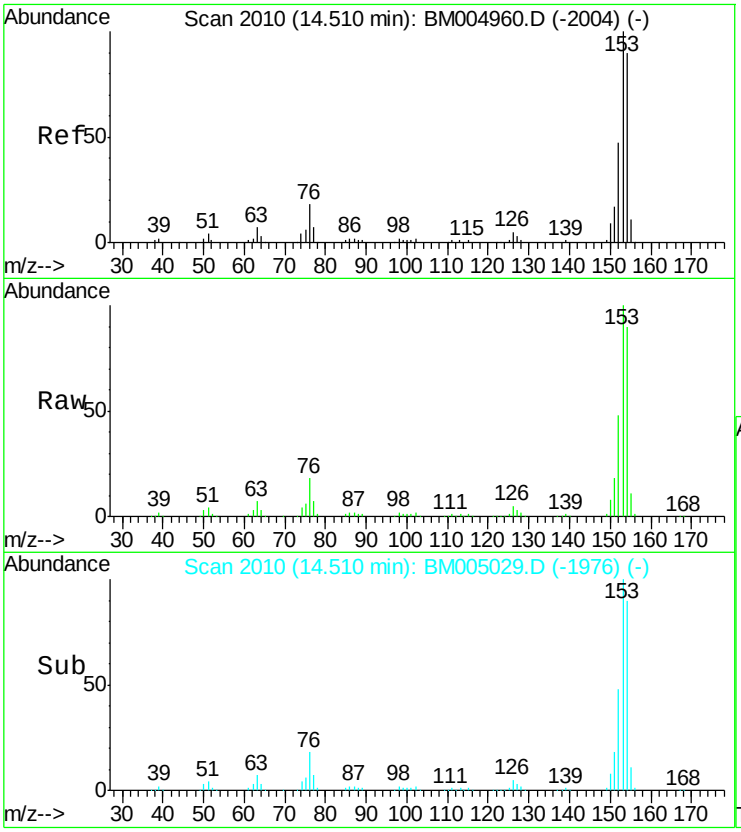


#47
Acenaphthylene
Concen: 2.28 ng/ul
RT: 14.16 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:152 Resp: 23049

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	21.2	10.3	15.5#

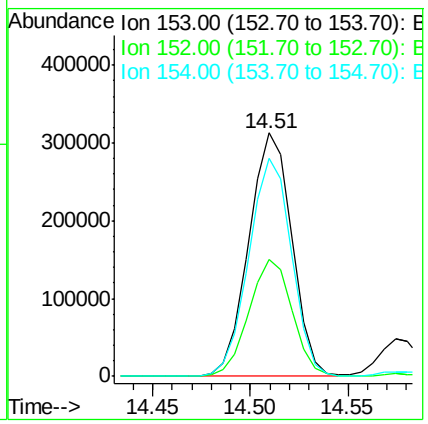




#49
Acenaphthene
Concen: 72.83 ng/ul
RT: 14.51 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:153 Resp: 478851

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.7	56.5
154	89.7	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
BC7M3DL

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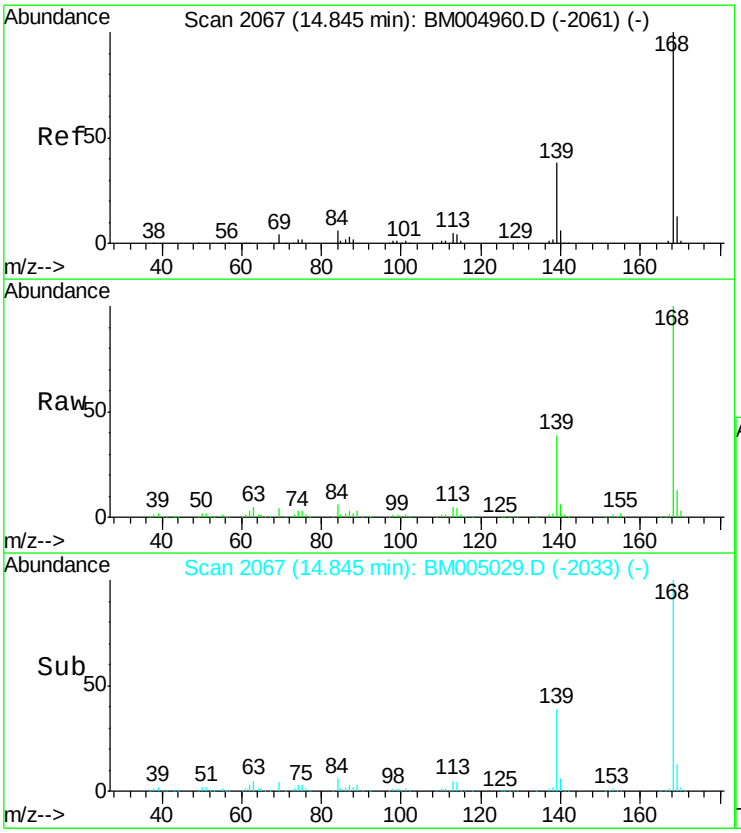
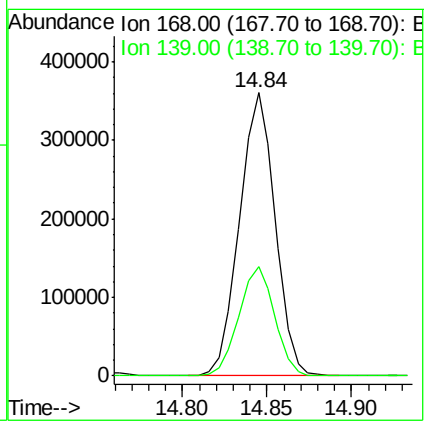
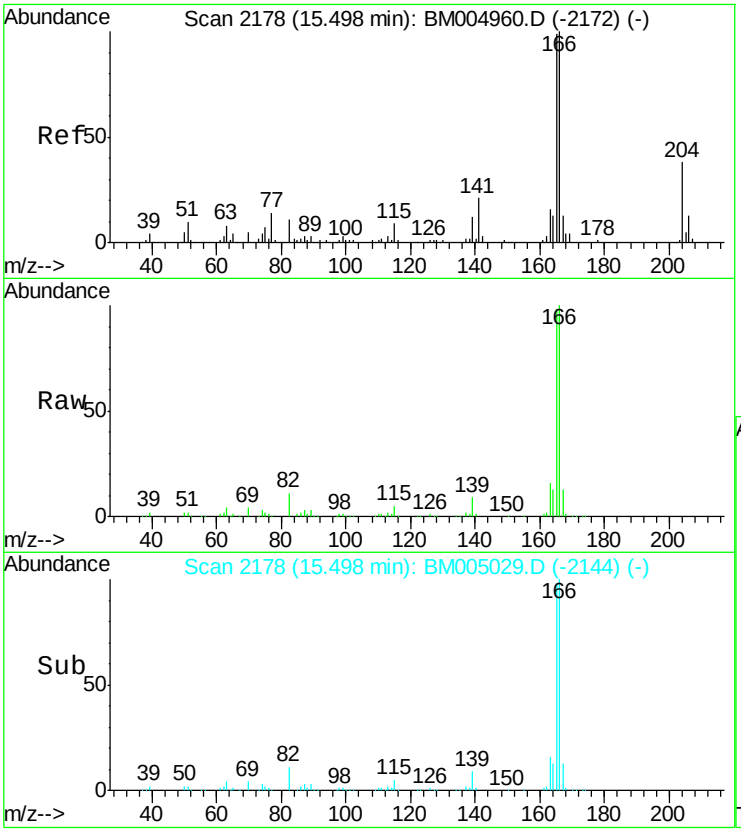


#53
Dibenzofuran
Concen: 55.79 ng/ul
RT: 14.84 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:168 Resp: 530849

Ion	Ratio	Lower	Upper
168	100		
139	38.7	29.9	44.9

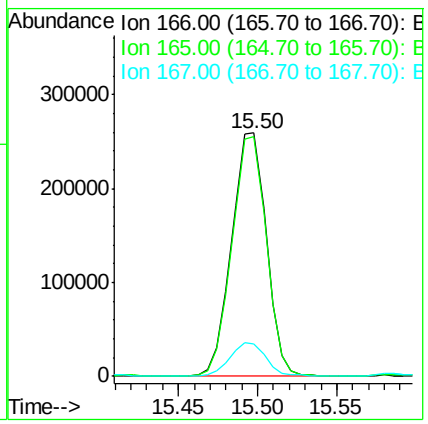




#58
Fluorene
Concen: 53.93 ng/ul
RT: 15.50 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:166 Resp: 394681

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.7	116.5
167	13.1	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
BC7M3DL

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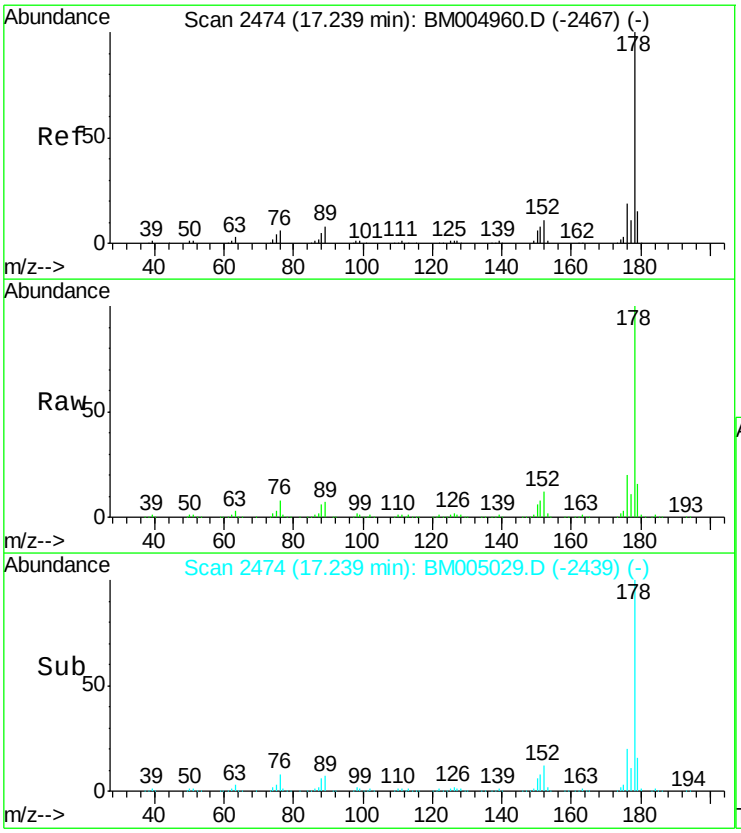
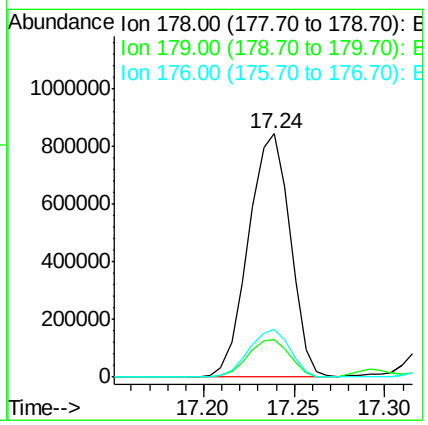
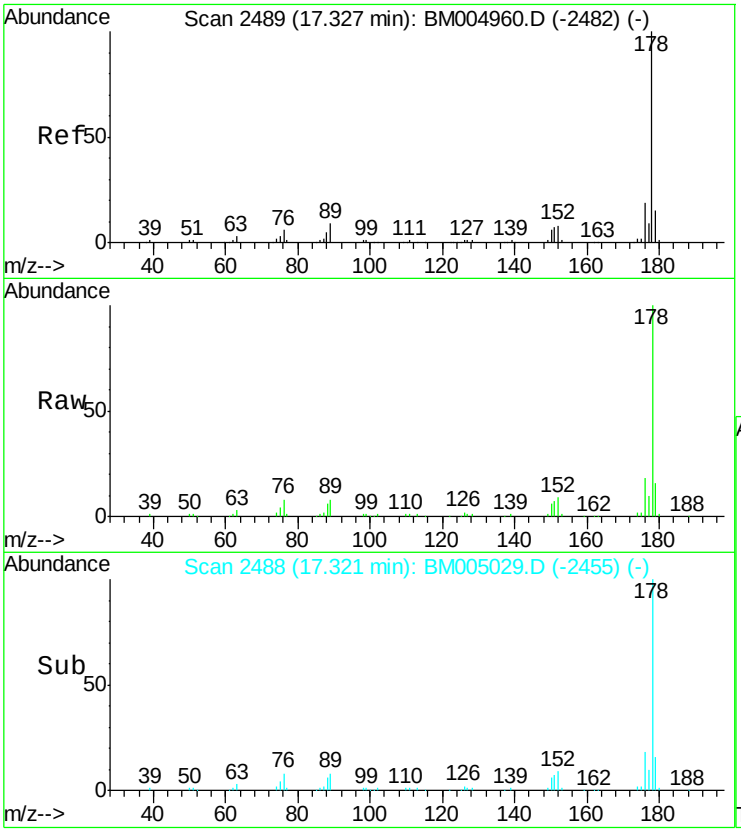


#69
Phenanthrene
Concen: 122.54 ng/ul
RT: 17.24 min Scan# 2474
Delta R.T. 0.01 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:178 Resp: 1349804

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.8	15.2	22.8

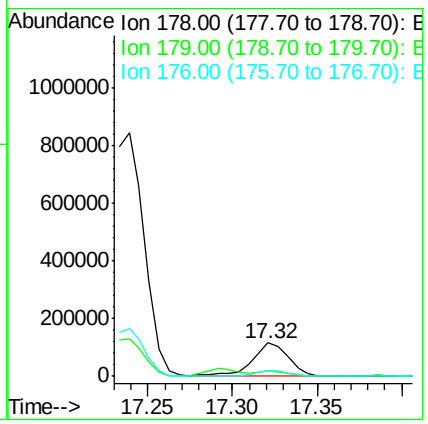




#71
Anthracene
Concen: 15.30 ng/ul
RT: 17.32 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:178 Resp: 170419

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	18.1	14.6	22.0



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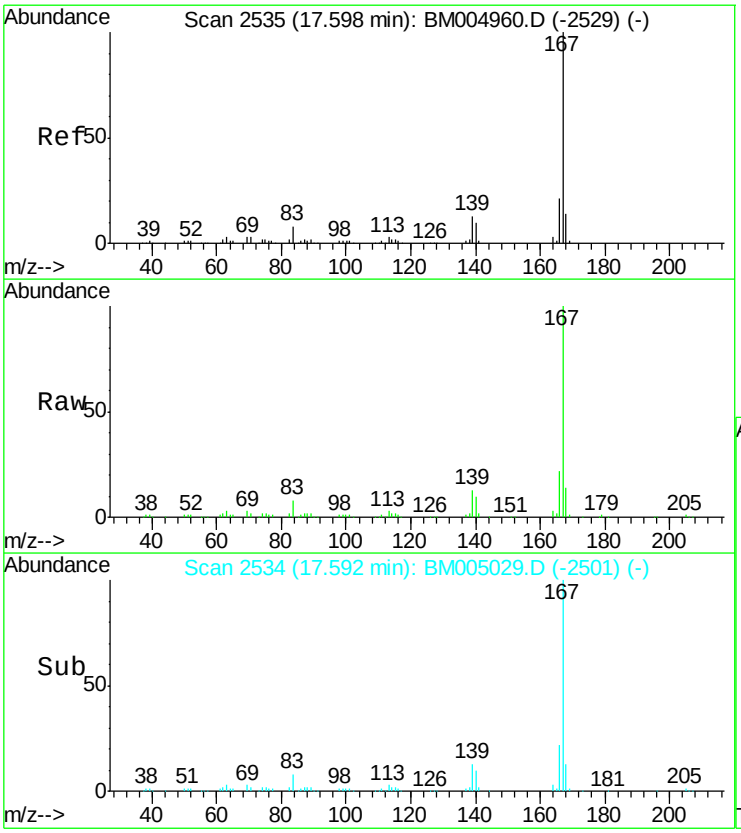
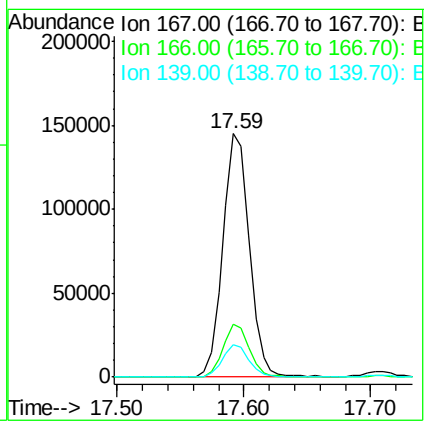
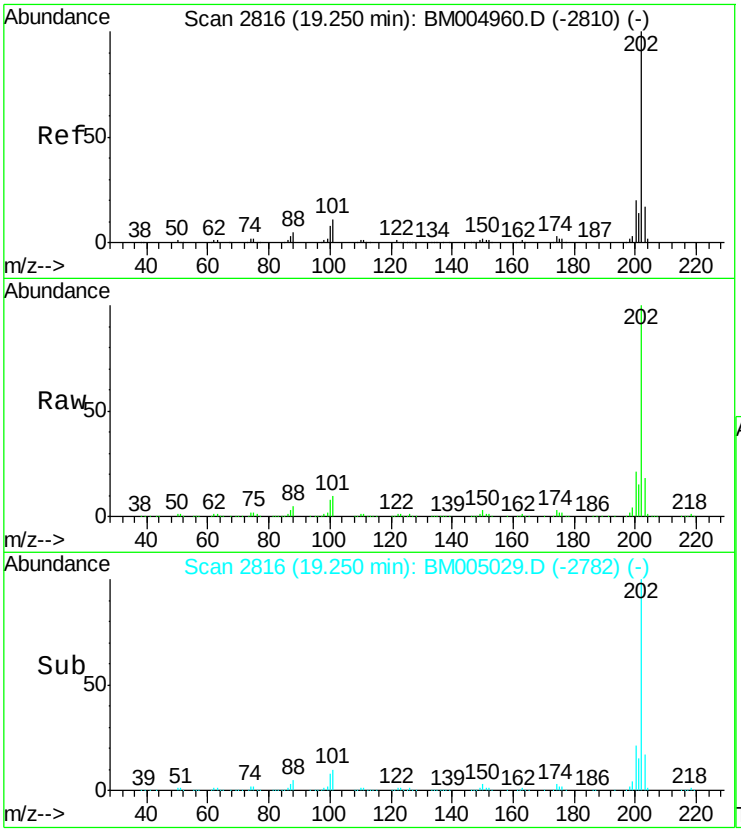


#72
Carbazole
Concen: 22.40 ng/ul
RT: 17.59 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:167 Resp: 210115

Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.6	25.0
139	13.3	10.2	15.4

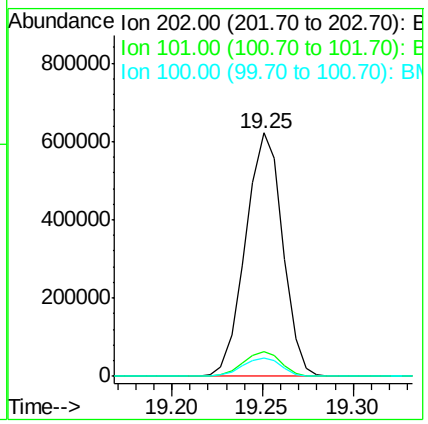




#74
Fluoranthene
Concen: 78.05 ng/ul
RT: 19.25 min Scan# 2816
Delta R.T. -0.00 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:202 Resp: 885701

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.0	13.4
100	7.7	6.6	10.0



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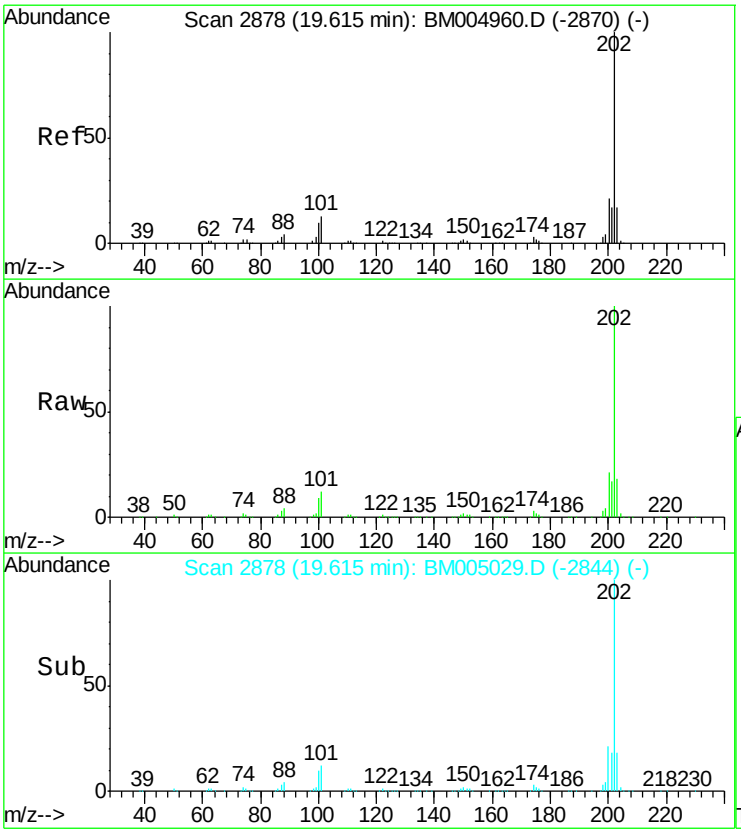
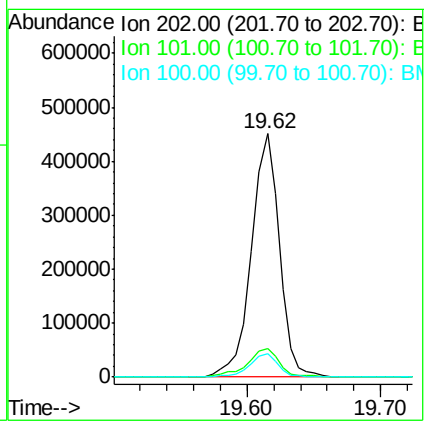
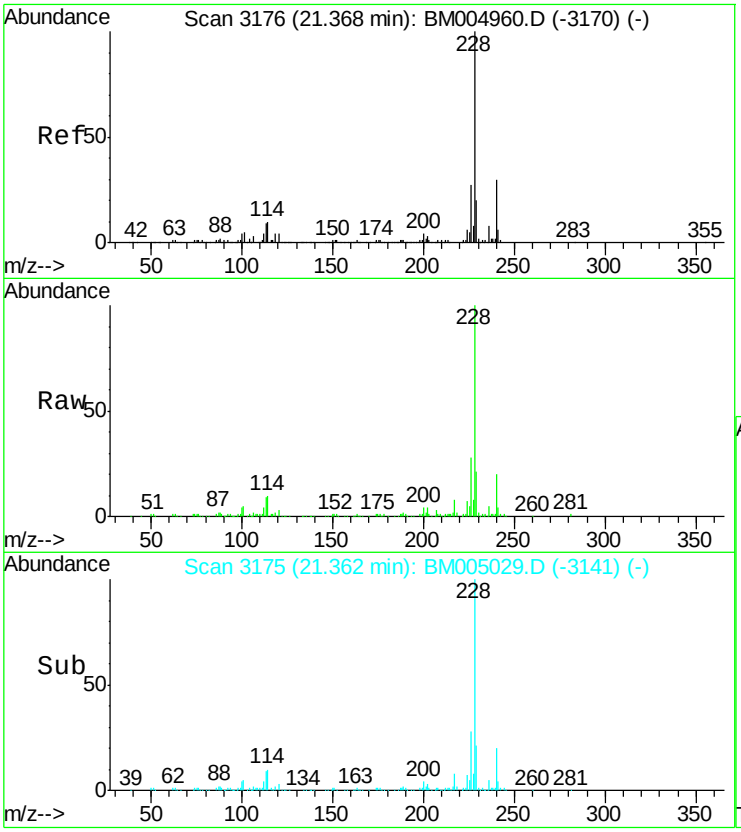


#77
Pyrene
Concen: 48.77 ng/ul
RT: 19.62 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:202 Resp: 651276

Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.5	15.7
100	9.5	8.2	12.2

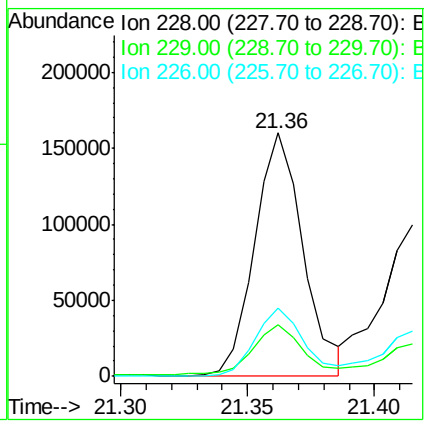




#80
Benzo(a)anthracene
Concen: 17.07 ng/ul
RT: 21.36 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:228 Resp: 212455

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	27.8	21.5	32.3



Instrument :
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ClientSampleId :
BC7M3DL

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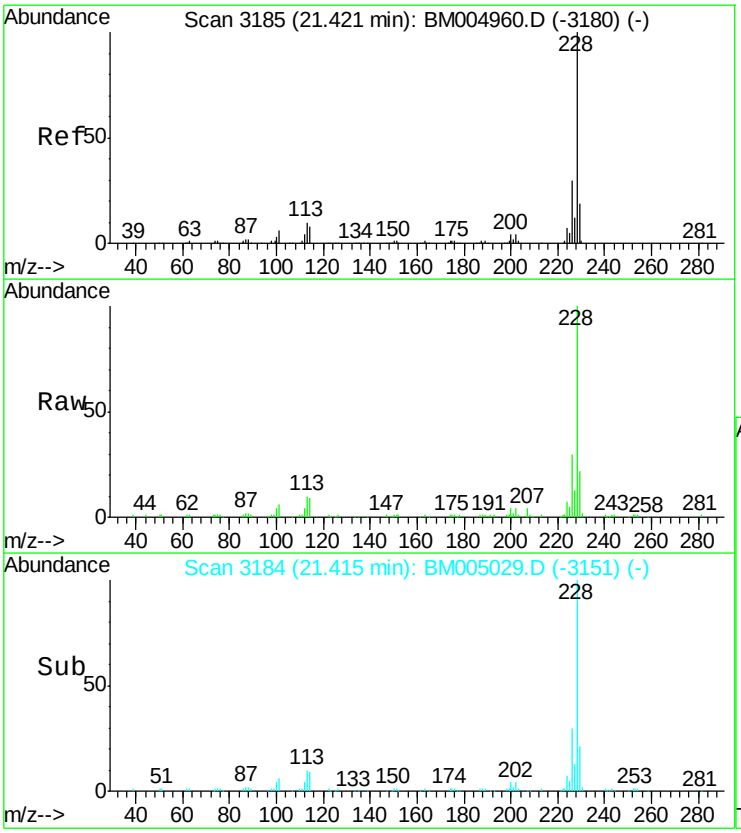
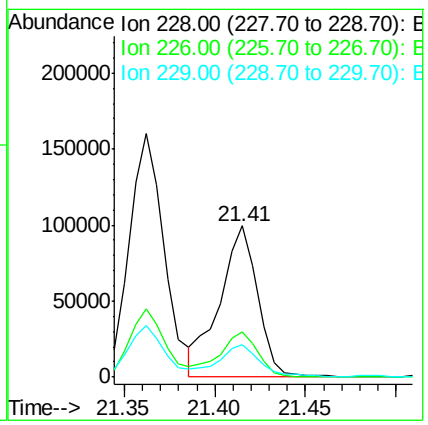
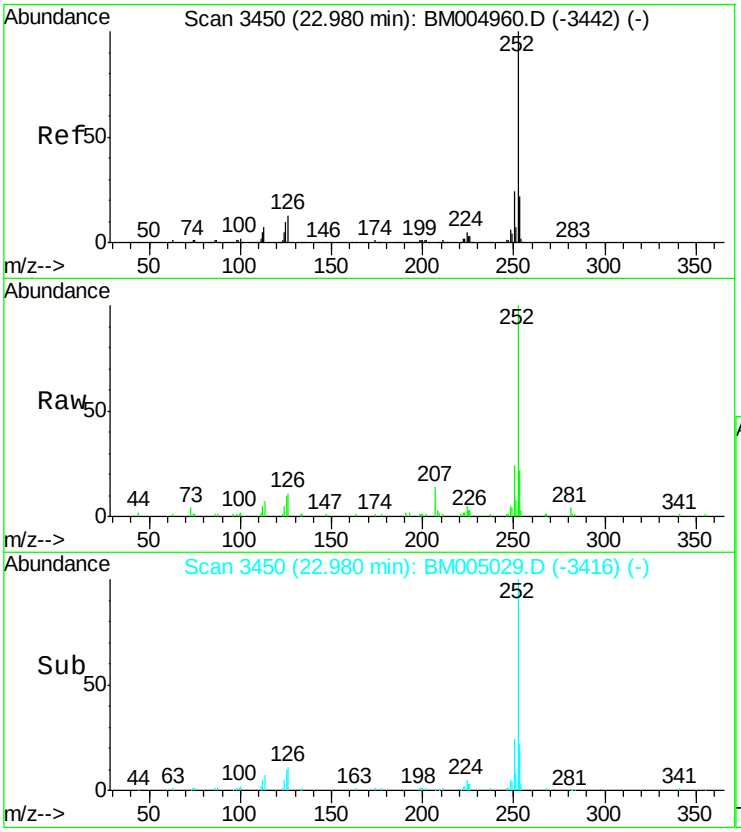


#82
Chrysene
Concen: 12.11 ng/ul
RT: 21.41 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:228 Resp: 142757

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	21.8	15.5	23.3

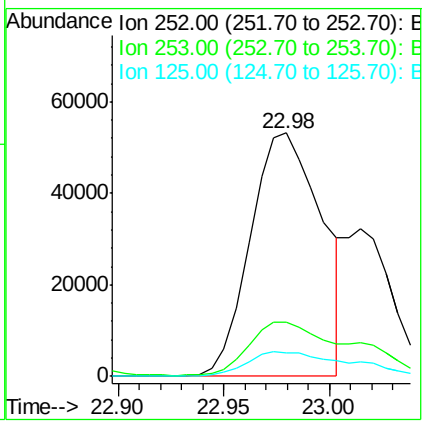




#85
Benzo(b)fluoranthene
Concen: 10.00 ng/ul
RT: 22.98 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:252 Resp: 124839

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.6	7.8	11.6



Instrument :
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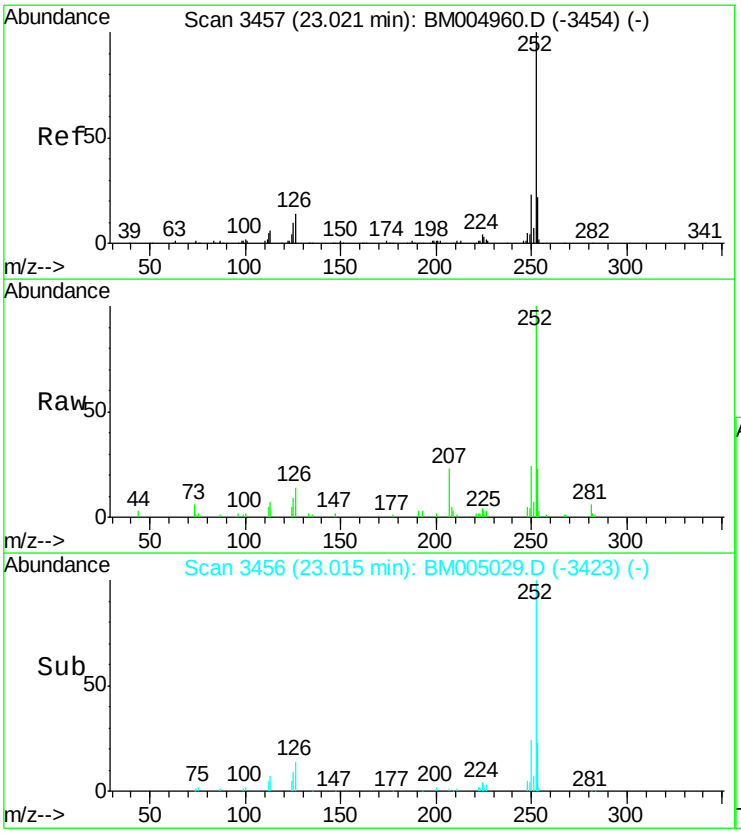
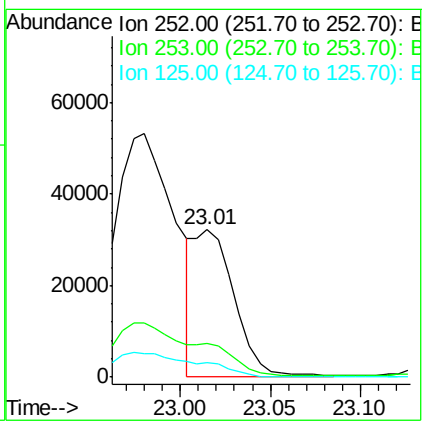
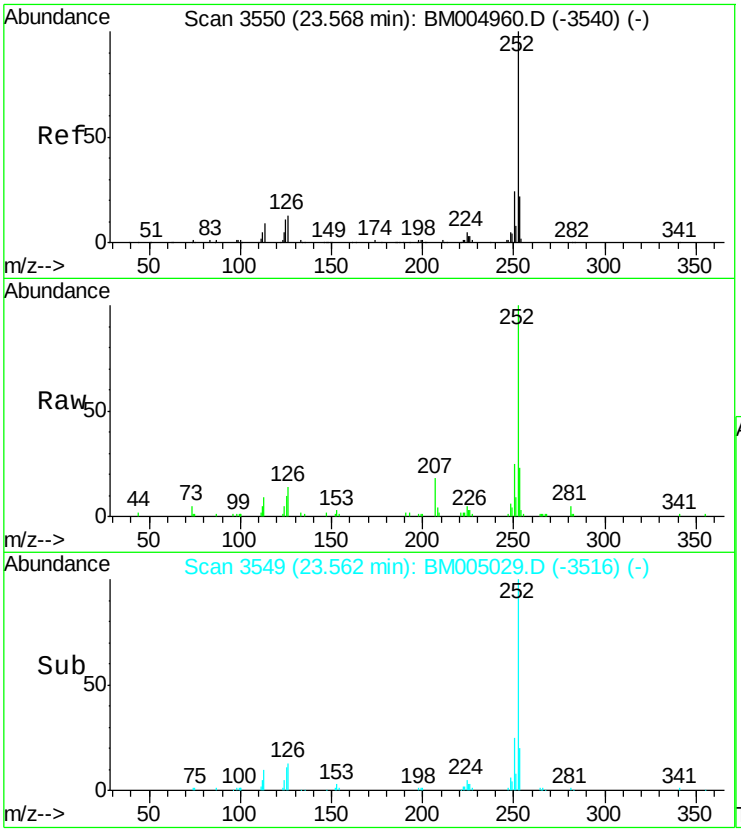


#86
Benzo(k)fluoranthene
Concen: 4.21 ng/ul m
RT: 23.01 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:252 Resp: 50693

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	9.5	7.9	11.9

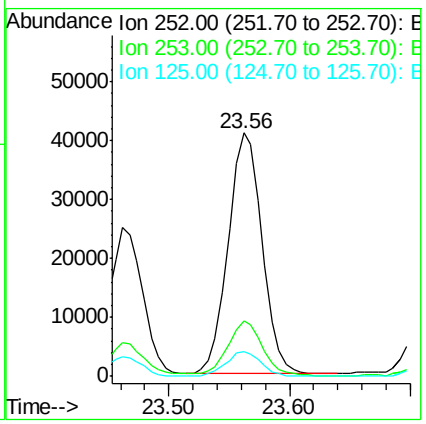




#88
Benzo(a)pyrene
Concen: 6.71 ng/ul
RT: 23.56 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:252 Resp: 80135

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.3	8.3	12.5



Instrument :
BNA_M
ClientSampleId :
BC7M3DL

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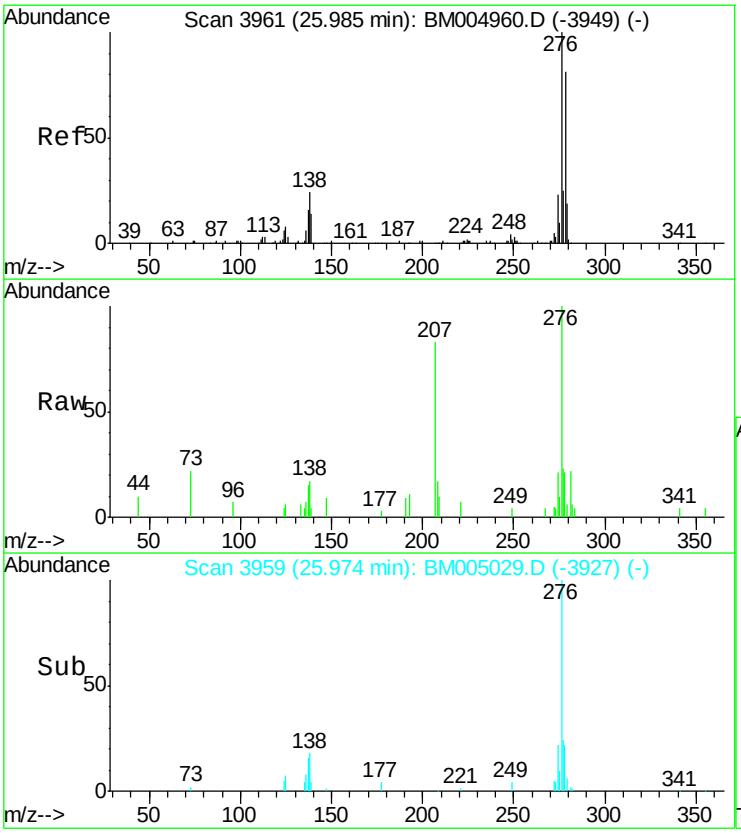
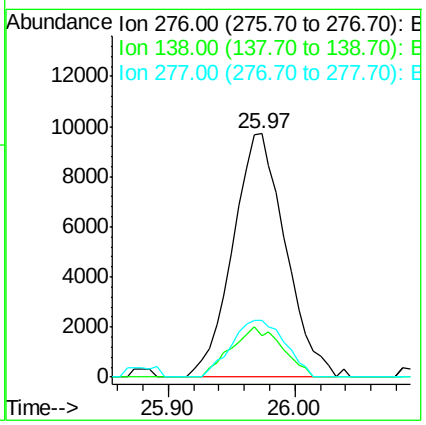
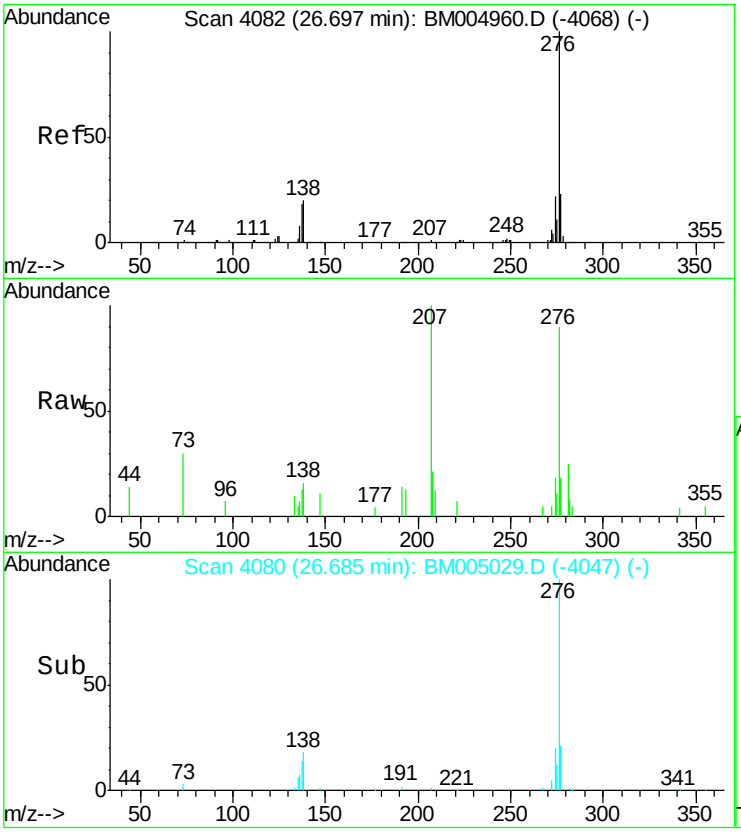


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.11 ng/ul
RT: 25.97 min Scan# 3959
Delta R.T. -0.01 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:276 Resp: 27995

Ion	Ratio	Lower	Upper
276	100		
138	17.1	20.2	30.4#
277	23.1	20.4	30.6

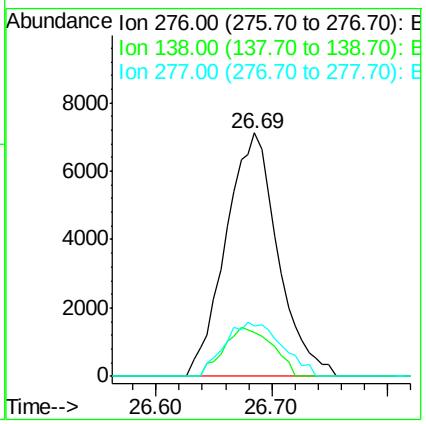




#91
Benzo(g,h,i)perylene
Concen: 1.99 ng/ul
RT: 26.69 min Scan# 4080
Delta R.T. -0.01 min
Lab File: BM005029.D
Acq: 21 Apr 2016 18:02

Tgt Ion:276 Resp: 22304

Ion	Ratio	Lower	Upper
276	100		
138	18.3	17.4	26.2
277	20.6	19.0	28.4



Instrument :
BNA_M
ClientSampleId :
BC7M3DL

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